

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
 Data File : BF084600.D
 Acq On : 22 Jan 2016 20:13
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 1/25/2016 2:59:32 PM

Quant Time: Jan 23 00:48:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192975m	20.00	ng	-0.08
21) Naphthalene-d8	8.04	136	747435	20.00	ng	-0.08
38) Acenaphthene-d10	9.79	164	356489	20.00	ng	-0.08
63) Phenanthrene-d10	11.26	188	632563	20.00	ng	-0.09
75) Chrysene-d12	13.90	240	440714	20.00	ng	-0.09
86) Perylene-d12	15.30	264	393647	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	913381	76.56	ng	-0.10
7) Phenol-d6	6.40	99	1192282	79.57	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1055678	78.61	ng	-0.08
41) 2,4,6-Tribromophenol	10.58	330	272105	75.60	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1679055	82.68	ng	-0.08
78) Terphenyl-d14	12.85	244	1535910	77.79	ng	-0.09

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	262862	46.51	ng	# 74
3) Pyridine	2.93	79	539688	34.25	ng	# 68
4) n-Nitrosodimethylamine	2.90	42	320475	39.62	ng	# 71
6) Aniline	6.42	93	783588m	35.75	ng	
8) 2-Chlorophenol	6.53	128	503464	37.19	ng	87
9) Benzaldehyde	6.29	77	335092	34.35	ng	99
10) Phenol	6.42	94	688003	40.38	ng	82
11) bis(2-Chloroethyl)ether	6.49	93	501816m	38.02	ng	
12) 1,3-Dichlorobenzene	6.68	146	546207m	39.12	ng	
13) 1,4-Dichlorobenzene	6.76	146	528953m	37.78	ng	
14) 1,2-Dichlorobenzene	6.92	146	569779	42.49	ng	100
15) Benzyl Alcohol	6.90	79	446814	35.45	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.04	45	804394	33.47	ng	87
17) 2-Methylphenol	7.02	107	451867m	39.83	ng	
18) Hexachloroethane	7.26	117	223088	39.84	ng	# 90
19) n-Nitroso-di-n-propylamine	7.17	70	390728m	38.52	ng	
20) 3+4-Methylphenols	7.17	107	553433	41.50	ng	# 44
22) Acetophenone	7.17	105	819070	45.57	ng	# 94
24) Nitrobenzene	7.34	77	639398	46.94	ng	95
25) Isophorone	7.58	82	1045391	40.70	ng	98
26) 2-Nitrophenol	7.65	139	253684	40.92	ng	# 73
27) 2,4-Dimethylphenol	7.71	122	472419	37.65	ng	90
28) bis(2-Chloroethoxy)methane	7.80	93	655441	41.78	ng	98
29) 2,4-Dichlorophenol	7.90	162	450305	43.08	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	473715	43.90	ng	# 94
31) Naphthalene	8.06	128	1489609	43.93	ng	99
32) Benzoic acid	7.85	122	296798	38.23	ng	89
33) 4-Chloroaniline	8.11	127	581668	37.41	ng	96
34) Hexachlorobutadiene	8.18	225	276494	44.57	ng	99
35) Caprolactam	8.50	113	126039	35.77	ng	# 37
36) 4-Chloro-3-methylphenol	8.60	107	474441	40.52	ng	89
37) 2-Methylnaphthalene	8.75	142	1022446	42.00	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	432107	42.16	ng	97
40) Hexachlorocyclopentadiene	8.90	237	145984	23.60	ng	95

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Quant Time: Jan 23 00:48:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	310981	40.56	nq	95
43) 2,4,5-Trichlorophenol	9.08	196	286706	39.01	nq	92
45) 1,1'-Biphenyl	9.22	154	1341026	47.33	nq	97
46) 2-Chloronaphthalene	9.24	162	955075	42.92	nq	91
47) 2-Nitroaniline	9.33	65	308866	42.05	nq	95
48) Acenaphthylene	9.65	152	1394395	42.41	nq	97
49) Dimethylphthalate	9.53	163	1081855	42.45	nq	# 90
50) 2,6-Dinitrotoluene	9.58	165	222205	39.75	nq	# 51
51) Acenaphthene	9.82	154	915197	41.50	nq	96
52) 3-Nitroaniline	9.76	138	290303	41.91	nq	88
53) 2,4-Dinitrophenol	9.86	184	72684	32.73	nq	93
54) Dibenzofuran	10.00	168	1210725	42.20	nq	92
55) 4-Nitrophenol	9.93	139	198053	39.39	nq	# 79
56) 2,4-Dinitrotoluene	9.98	165	282379	39.92	nq	# 81
57) Fluorene	10.34	166	986316	44.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	259907	41.42	nq	87
59) Diethylphthalate	10.22	149	1105035	43.98	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	443351	48.12	nq	# 81
61) 4-Nitroaniline	10.37	138	276802	44.83	nq	84
62) Azobenzene	10.49	77	1045672	37.94	nq	83
64) 4,6-Dinitro-2-methylphenol	10.40	198	119904	31.42	nq	91
65) n-Nitrosodiphenylamine	10.45	169	790905	39.11	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	260332	38.24	nq	# 72
67) Hexachlorobenzene	10.89	284	327434	42.73	nq	# 92
68) Atrazine	10.99	200	289504	43.74	nq	95
69) Pentachlorophenol	11.08	266	154716	38.94	nq	98
70) Phenanthrene	11.30	178	1477258	44.65	nq	97
71) Anthracene	11.34	178	1276702	39.36	nq	98
72) Carbazole	11.50	167	1103017	34.79	nq	98
73) Di-n-butylphthalate	11.85	149	1647267	50.36	nq	# 98
74) Fluoranthene	12.48	202	1213563	35.11	nq	99
76) Benzidine	12.60	184	425754	26.94	nq	98
77) Pyrene	12.70	202	1170069	33.83	nq	99
79) Butylbenzylphthalate	13.33	149	565014	37.75	nq	91
80) Benzo(a)anthracene	13.89	228	996072	38.49	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	340482	37.70	nq	# 95
82) Chrysene	13.93	228	827023	33.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	732142	38.72	nq	99
84) Di-n-octyl phthalate	14.51	149	1231755	38.59	nq	# 87
85) Indeno(1,2,3-cd)pyrene	16.64	276	973516	49.39	nq	97
87) Benzo(b)fluoranthene	14.91	252	984117m	38.22	nq	
88) Benzo(k)fluoranthene	14.93	252	769684m	36.55	nq	
89) Benzo(a)pyrene	15.24	252	863105	39.52	nq	97
90) Dibenzo(a,h)anthracene	16.65	278	799619	42.55	nq	# 94
91) Benzo(g,h,i)perylene	17.04	276	801824	41.20	nq	# 94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

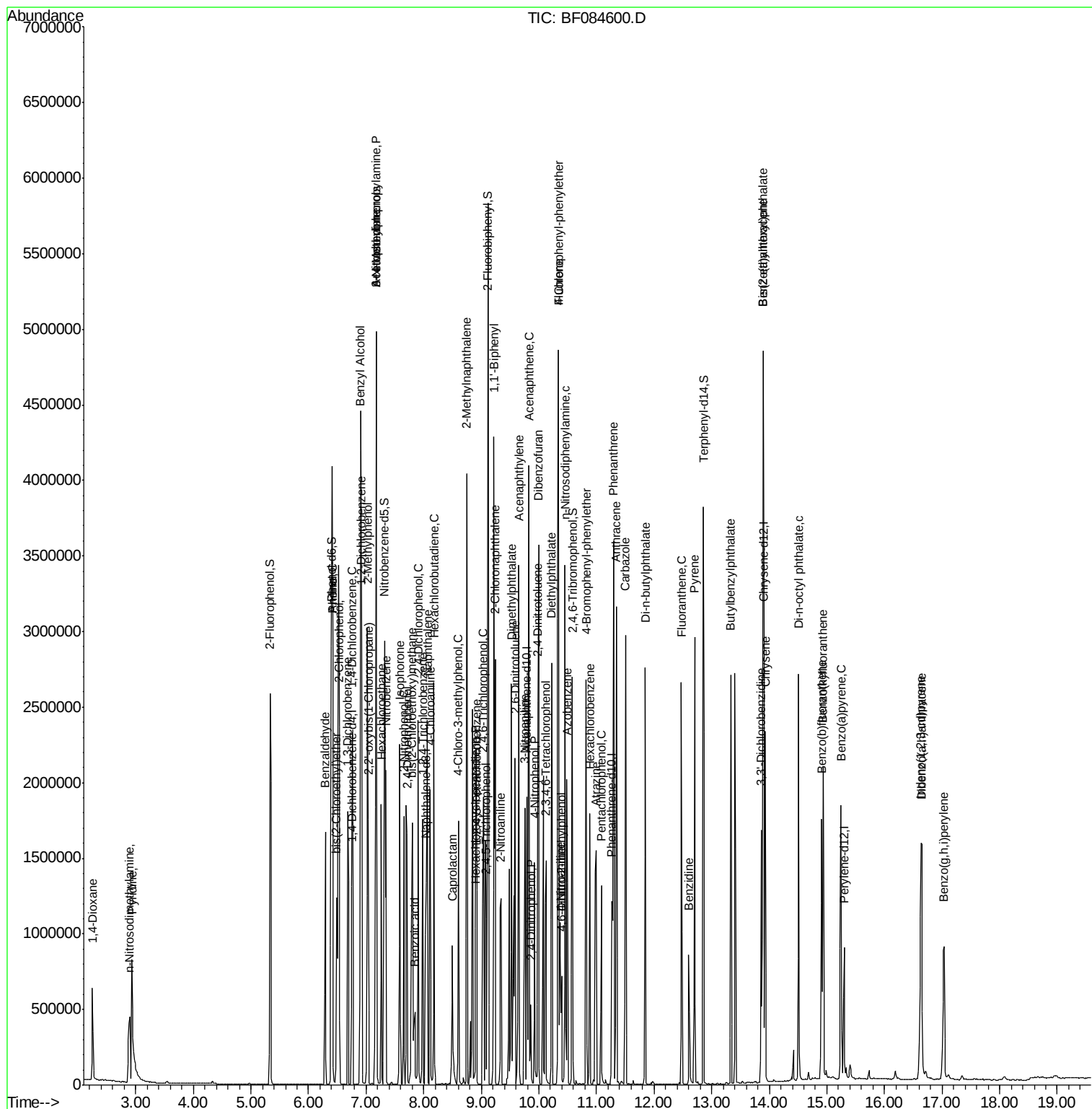
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084600.D
Acq On : 22 Jan 2016 20:13
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

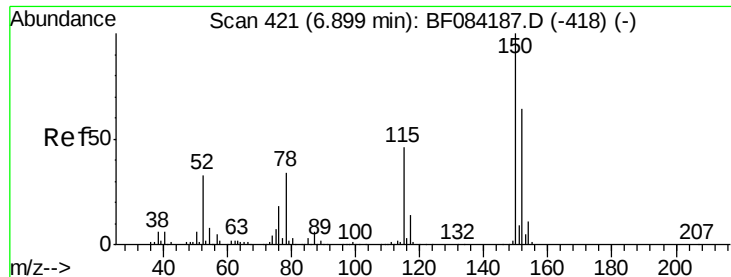
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.75 min Scan# 408

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

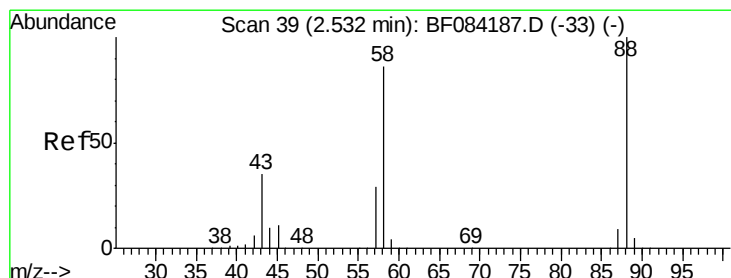
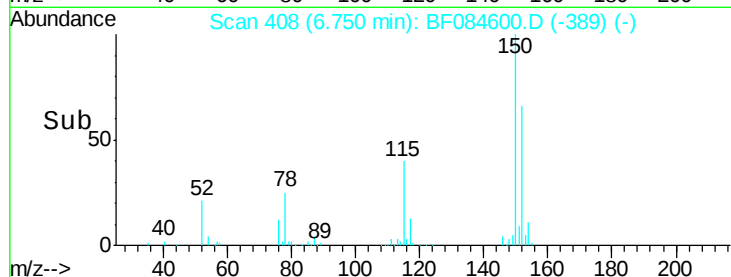
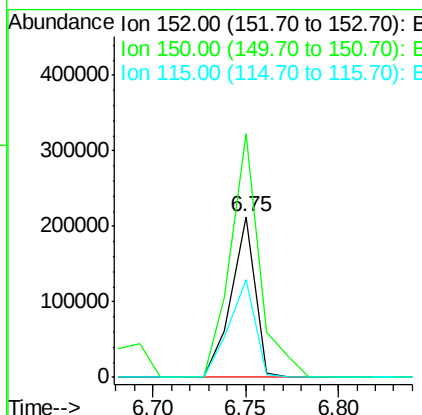
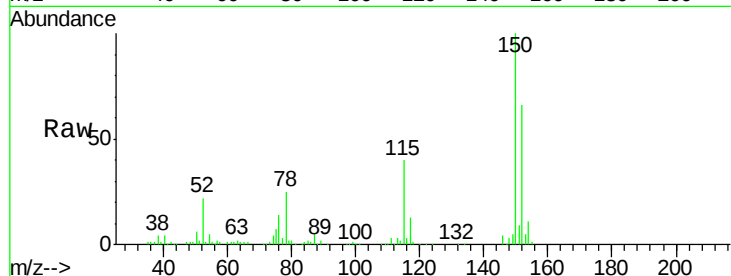
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	192975
Ion Ratio	Lower	Upper	
152	100		
150	151.3	123.0	184.4
115	61.1	51.4	77.2

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#2

1,4-Dioxane

Concen: 46.51 ng

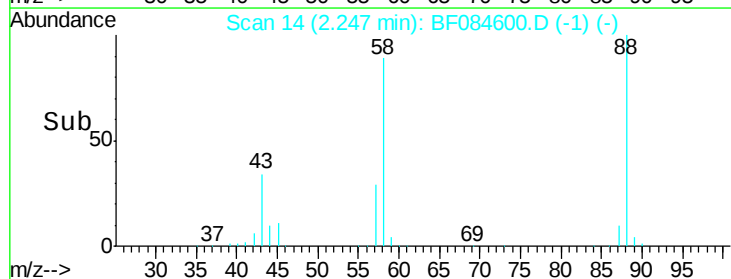
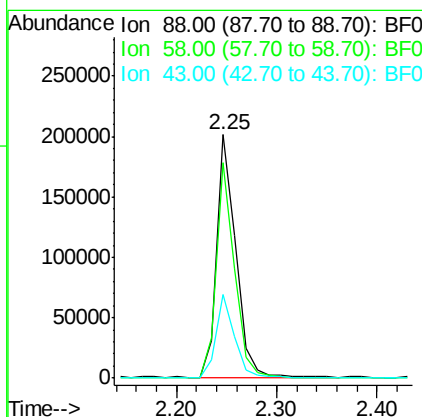
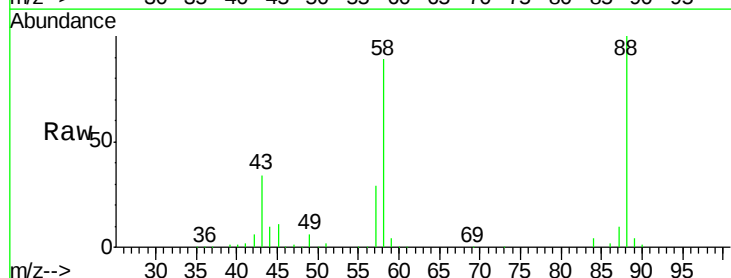
RT: 2.25 min Scan# 14

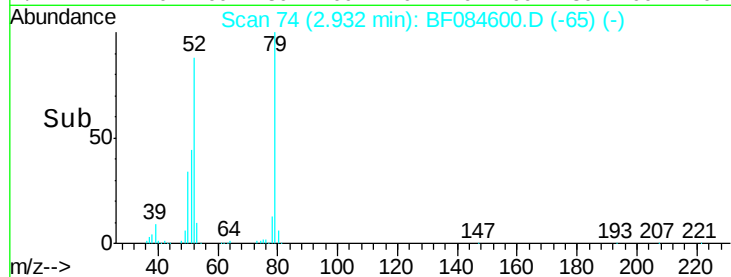
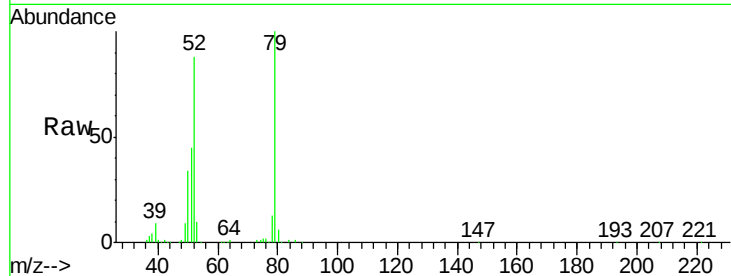
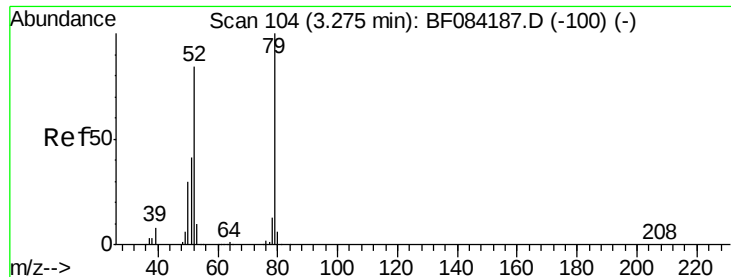
Delta R.T. -0.15 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	88	Resp:	262862
Ion Ratio	Lower	Upper	
88	100		
58	85.9	51.2	76.8#
43	35.0	19.5	29.3#





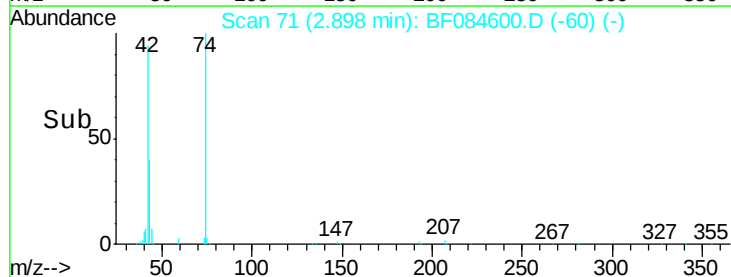
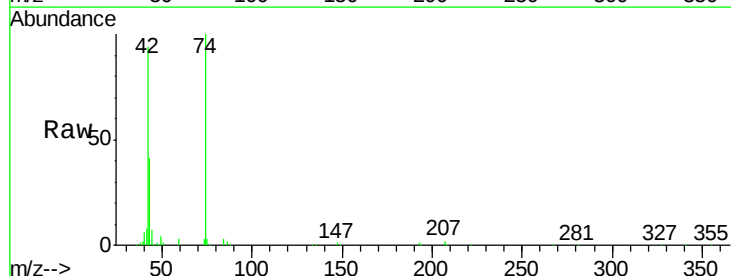
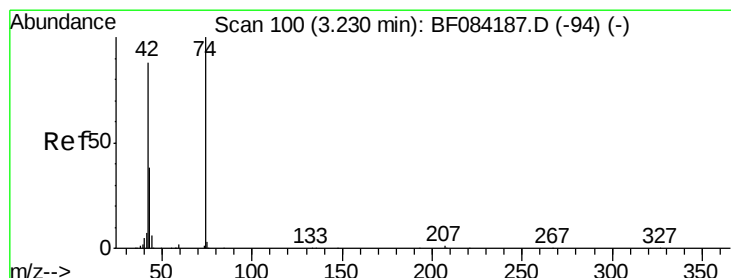
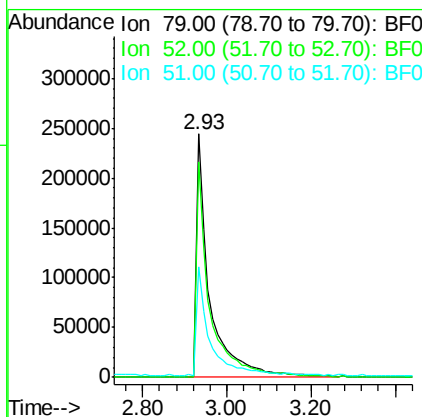
#3
 Pvridine
 Concen: 34.25 ng
 RT: 2.93 min Scan# 74
 Delta R.T. -0.19 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.2	49.0	73.4#
51	45.2	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

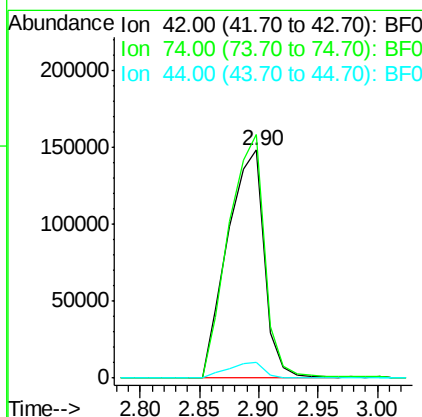
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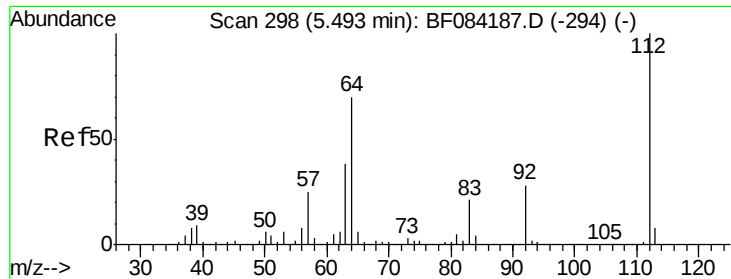
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#4
 n-Nitrosodimethylamine
 Concen: 39.62 ng
 RT: 2.90 min Scan# 71
 Delta R.T. -0.17 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.8	115.7	173.5#
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 76.56 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.10 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

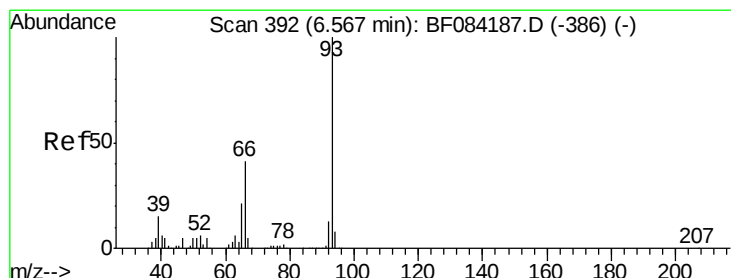
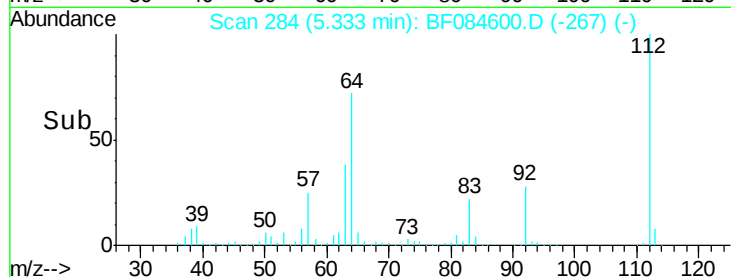
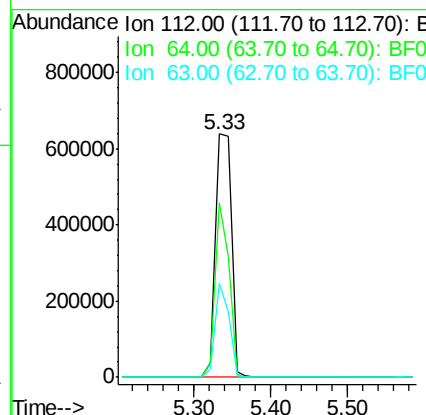
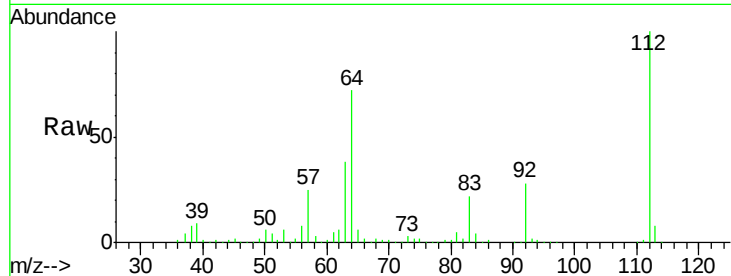
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	913381
Ion Ratio	Lower	Upper	
112	100		
64	71.6	36.6	55.0#
63	38.5	19.4	29.0#

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#6

Aniline

Concen: 35.75 ng m

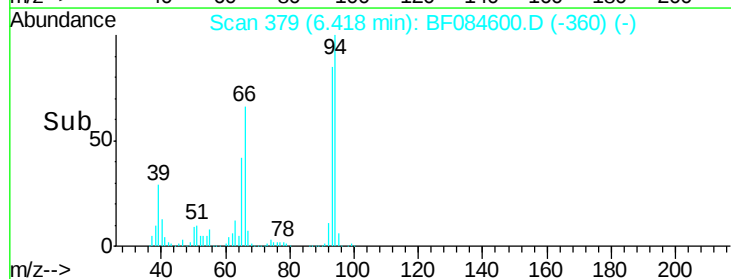
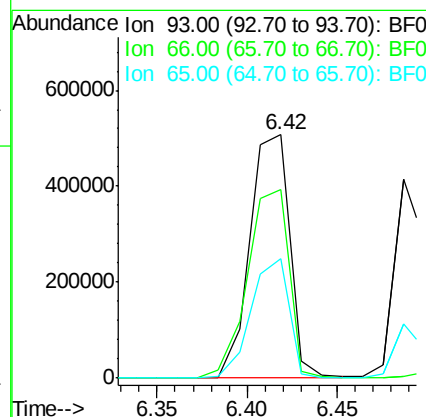
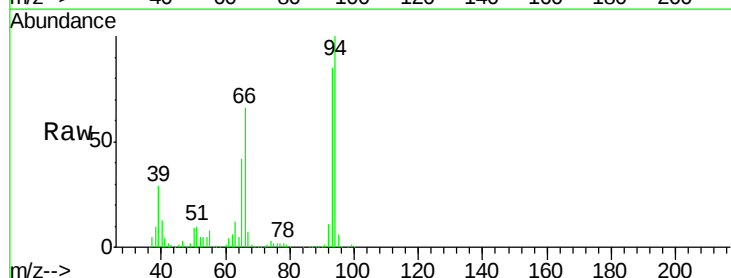
RT: 6.42 min Scan# 379

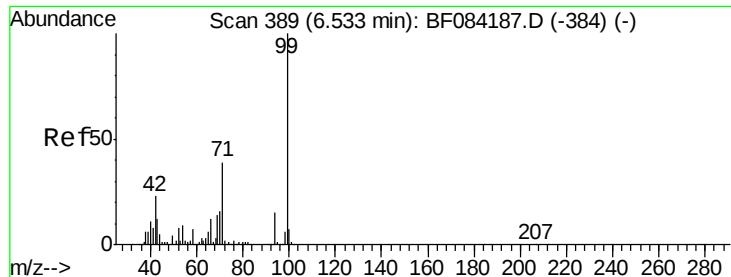
Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	93	Resp:	783588
Ion Ratio	Lower	Upper	
93	100		
66	77.6	44.9	67.3#
65	49.2	23.7	35.5#





#7

Phenol-d6

Concen: 79.57 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1192282

Ion Ratio Lower Upper

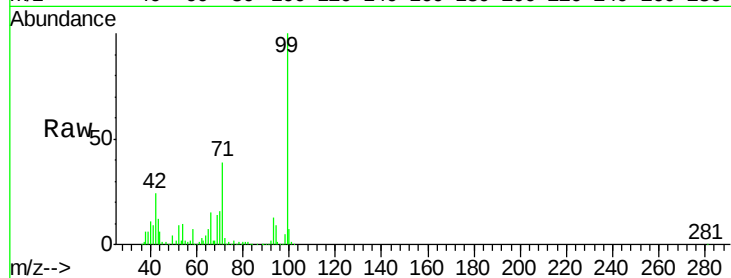
99 100

42 24.1 12.8 19.2#

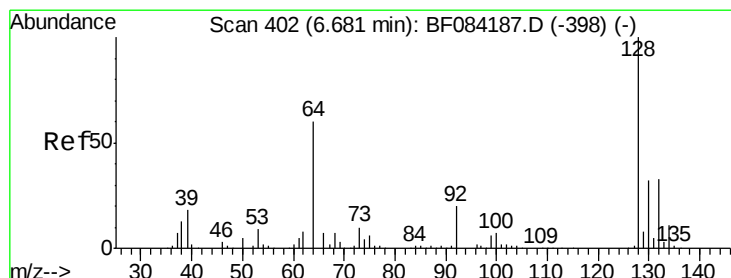
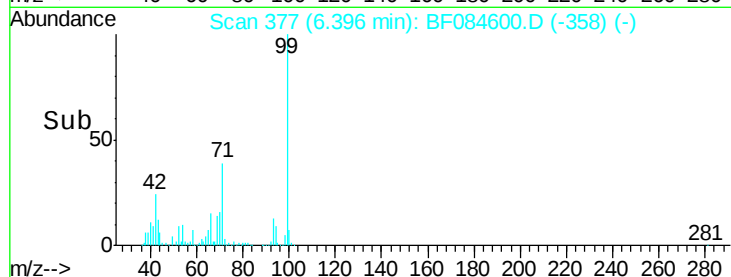
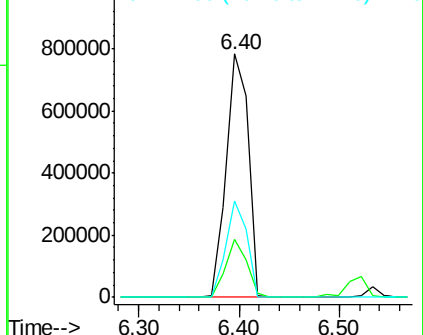
71 39.4 30.9 46.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.19 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

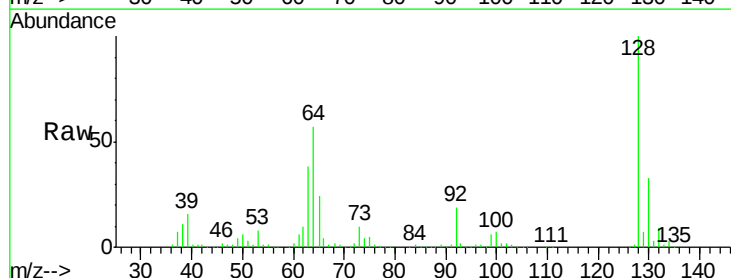
Tgt Ion: 128 Resp: 503464

Ion Ratio Lower Upper

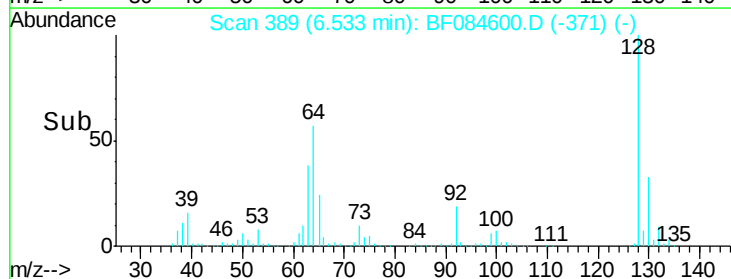
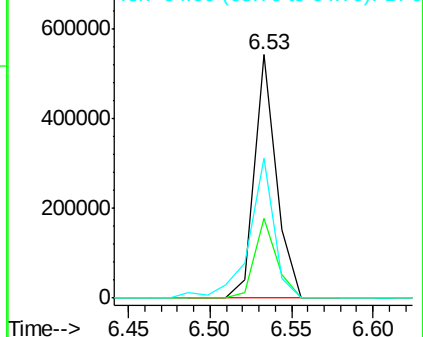
128 100

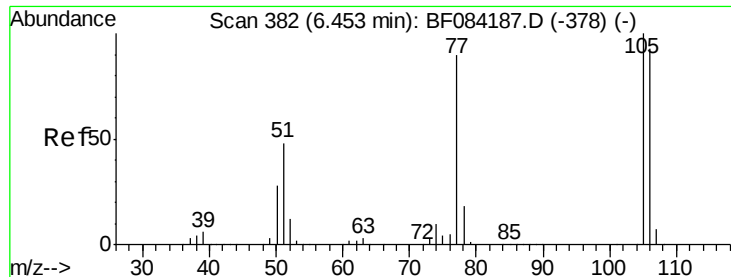
130 33.0 11.6 51.6

64 57.5 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.35 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

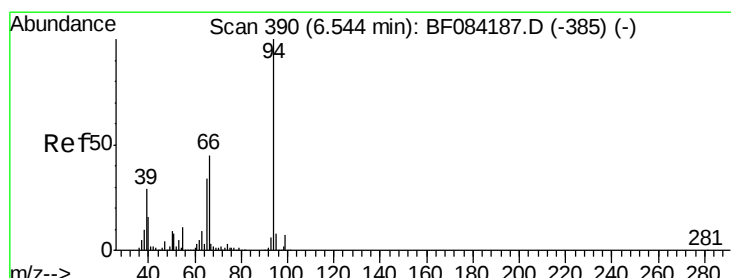
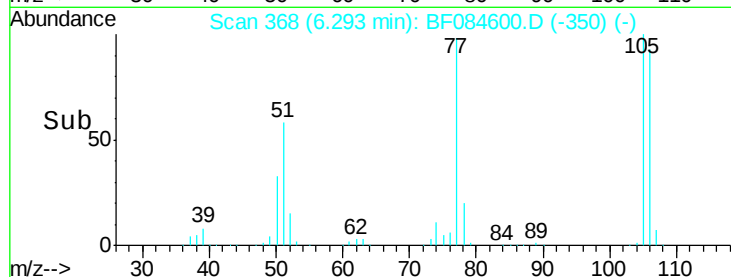
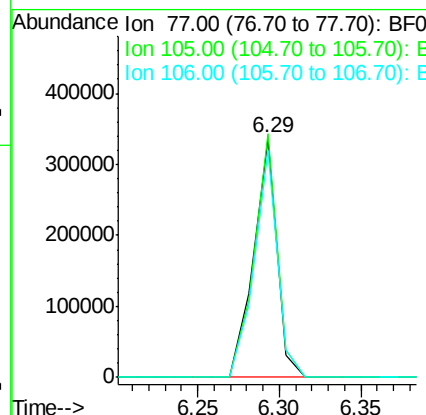
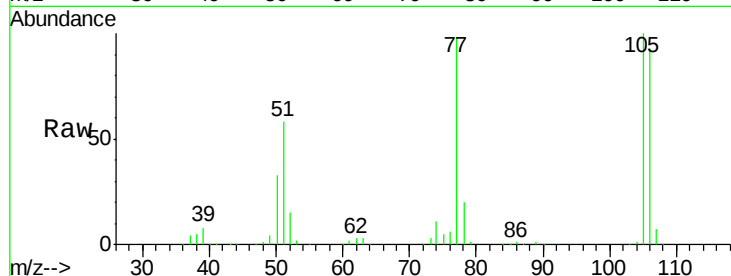
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.0	83.0	123.0
106	95.0	74.6	114.6

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#10

Phenol

Concen: 40.38 ng

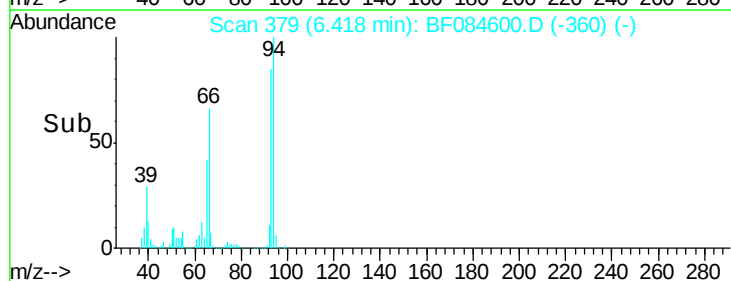
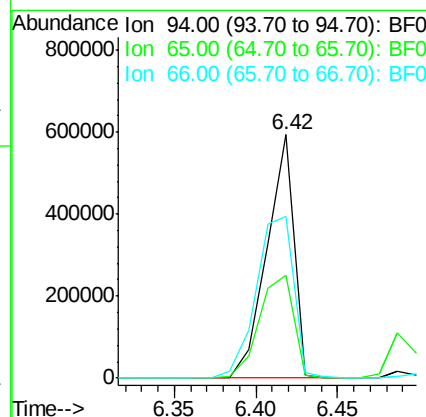
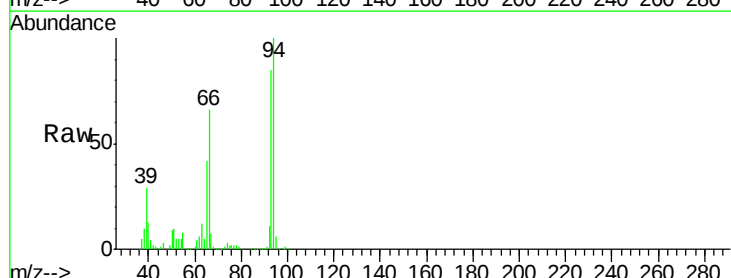
RT: 6.42 min Scan# 379

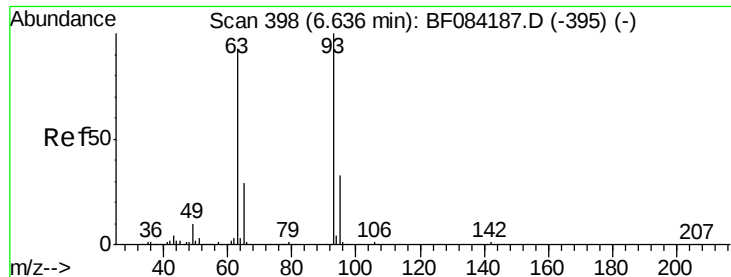
Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.0	12.9	52.9
66	66.3	32.7	72.7





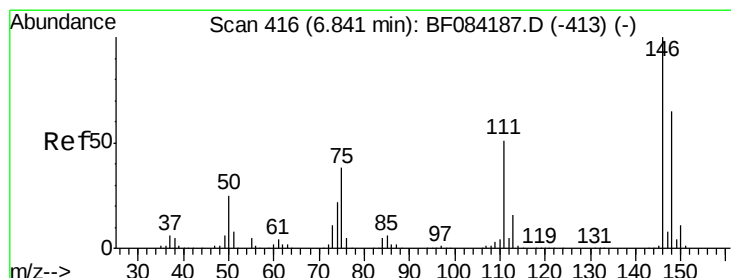
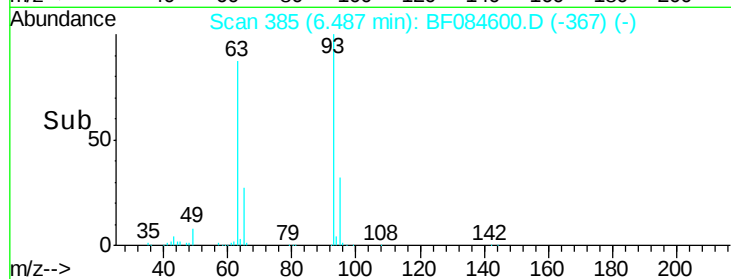
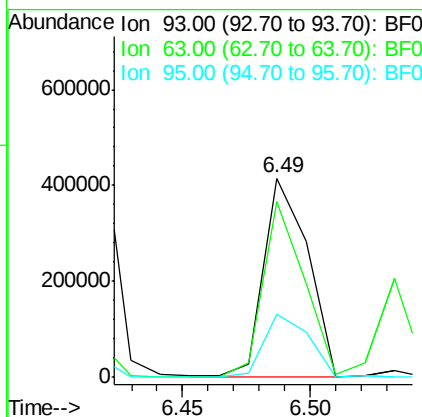
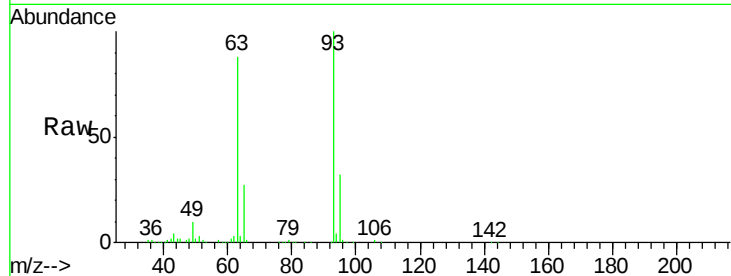
#11
bis(2-Chloroethyl)ether
Concen: 38.02 ng m
RT: 6.49 min Scan# 385
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.2	45.9	85.9#
95	32.0	12.3	52.3

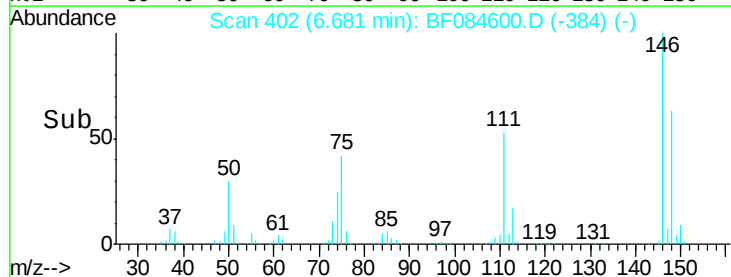
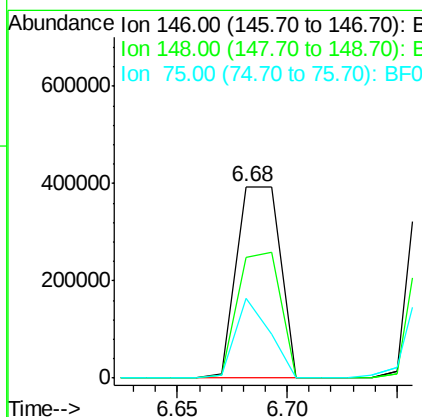
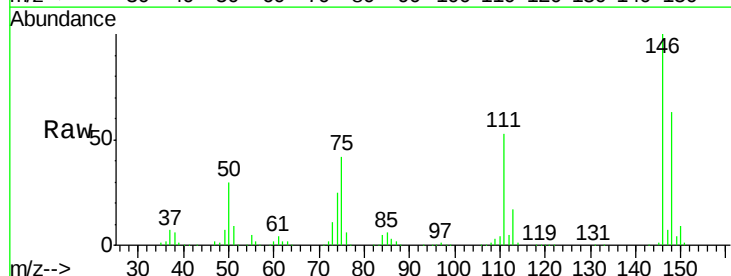
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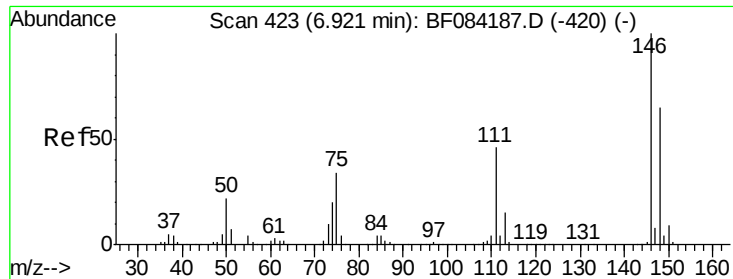
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#12
1,3-Dichlorobenzene
Concen: 39.12 ng m
RT: 6.68 min Scan# 402
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.9	77.9
75	41.8	20.5	30.7#





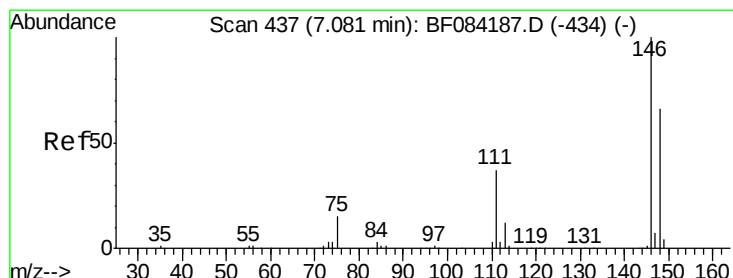
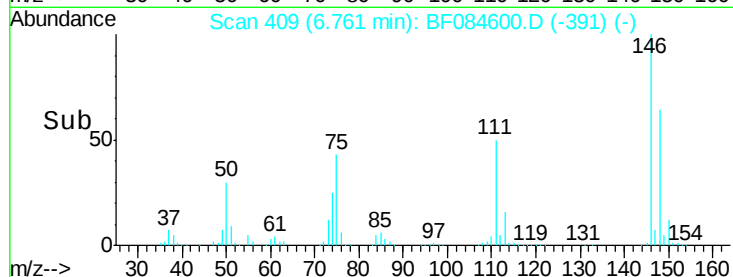
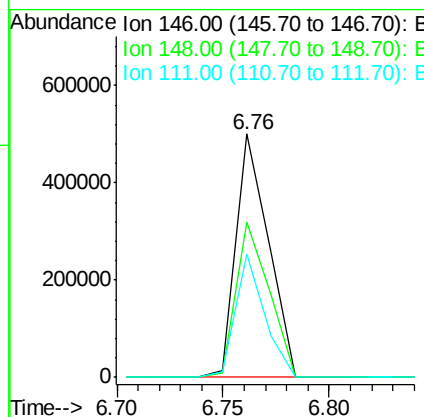
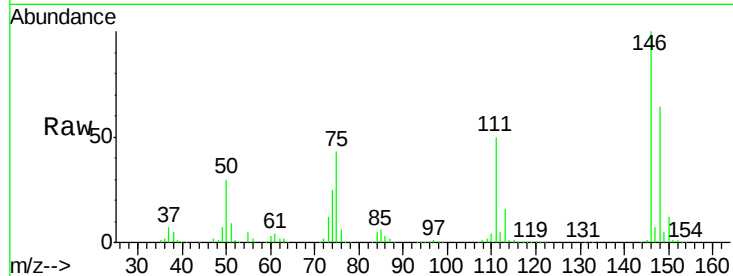
#13
1,4-Dichlorobenzene
Concen: 37.78 ng/mL
RT: 6.76 min Scan# 409
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	50.4	41.6	62.4

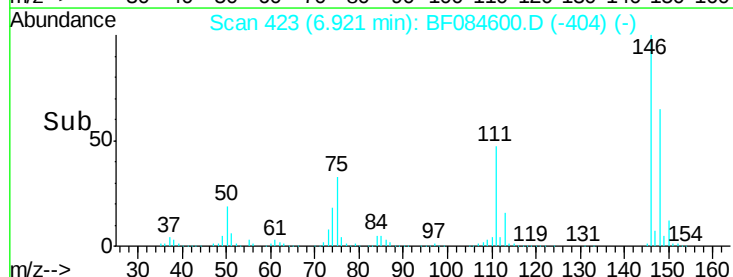
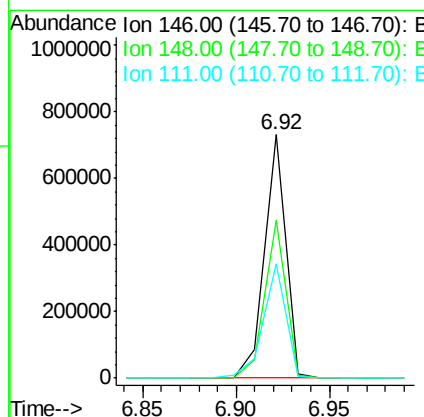
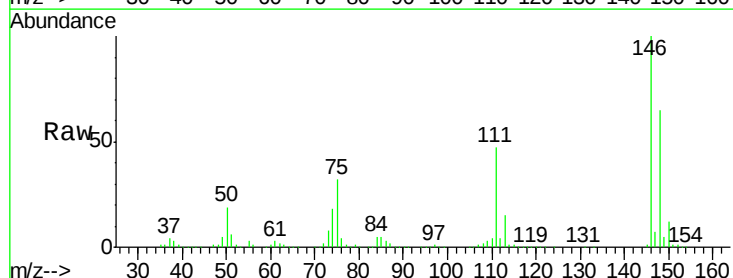
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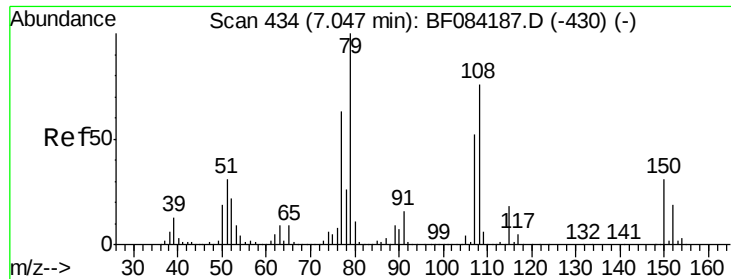
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.49 ng/mL
RT: 6.92 min Scan# 423
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	47.0	38.0	57.0





#15

Benzyl Alcohol

Concen: 35.45 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

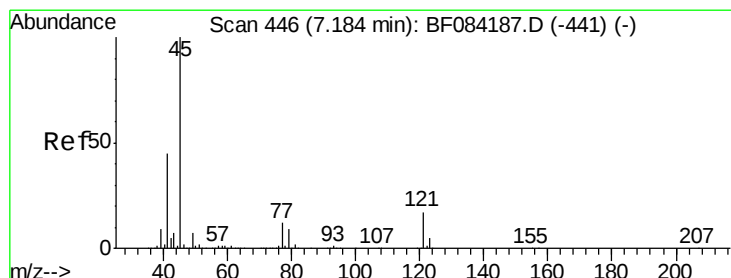
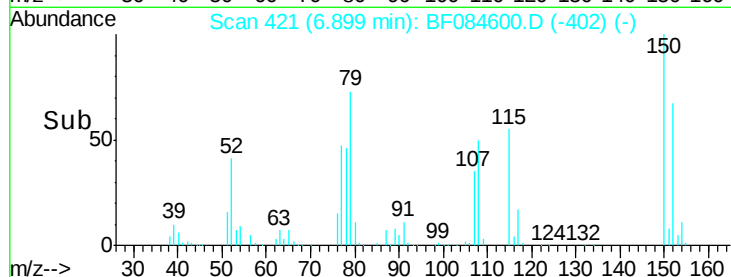
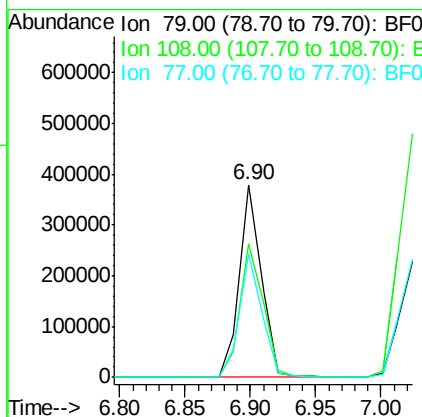
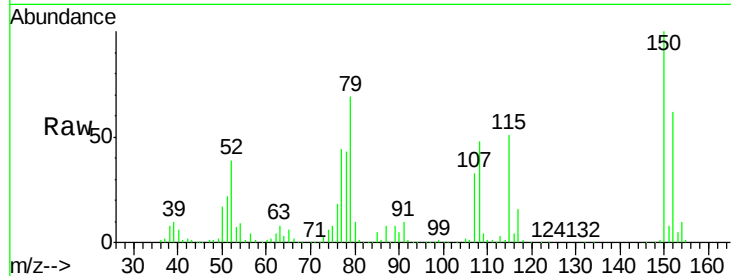
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	79	Resp:	446814
Ion Ratio	Lower	Upper	
79	100		
108	69.5	69.0	103.4
77	64.2	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.47 ng

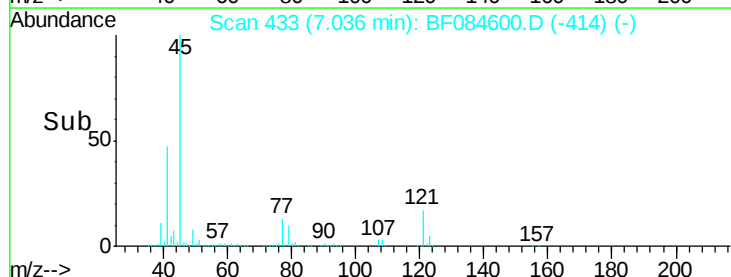
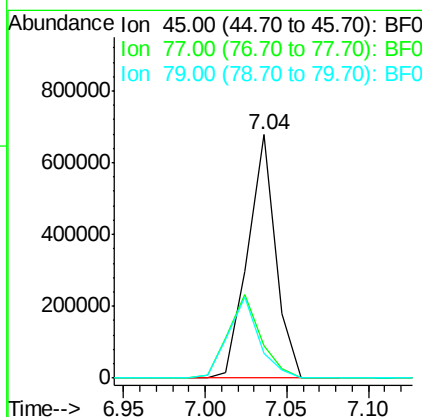
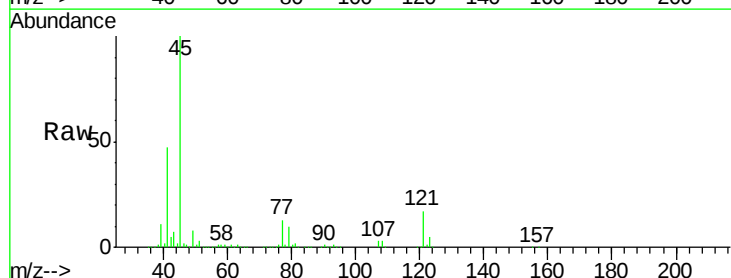
RT: 7.04 min Scan# 433

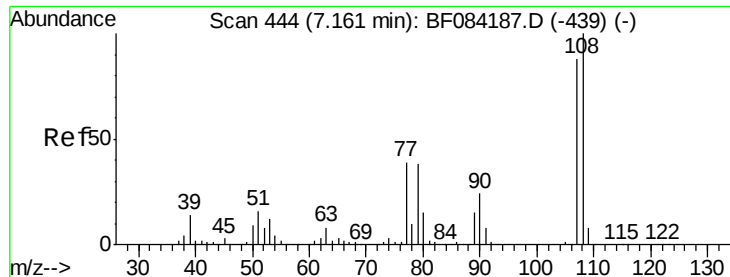
Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	45	Resp:	804394
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	39.6
79	10.1	0.0	35.0





#17

2-Methylphenol

Concen: 39.83 ng/mL

RT: 7.02 min Scan# 432

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040EC

Tot Ion:107 Resp: 451867
Ion Ratio Lower Upper

107 100

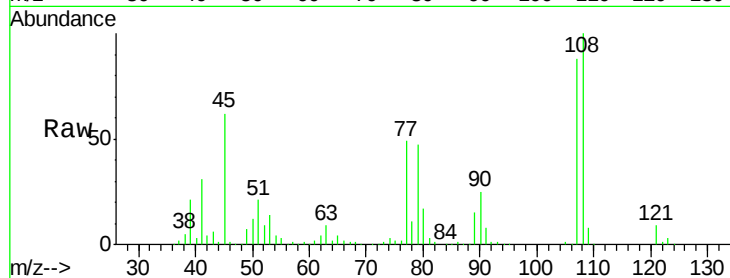
108 113.8 89.8 134.6

77 55.5 35.7 53.5#

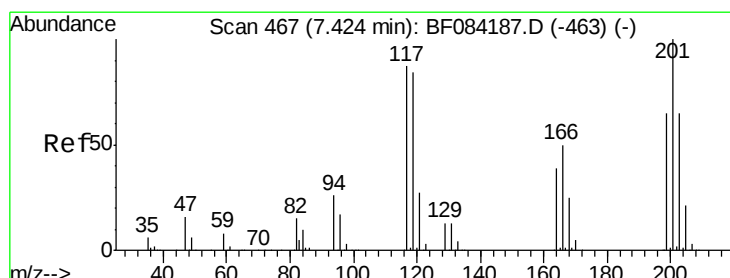
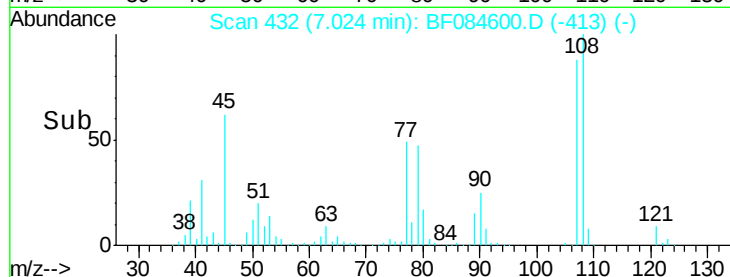
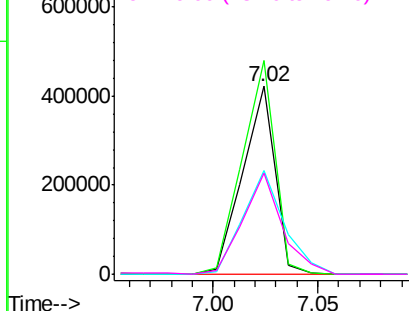
79 53.8 35.7 53.5#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.84 ng/mL

RT: 7.26 min Scan# 453

Delta R.T. -0.08 min

Lab File: BF084600.D

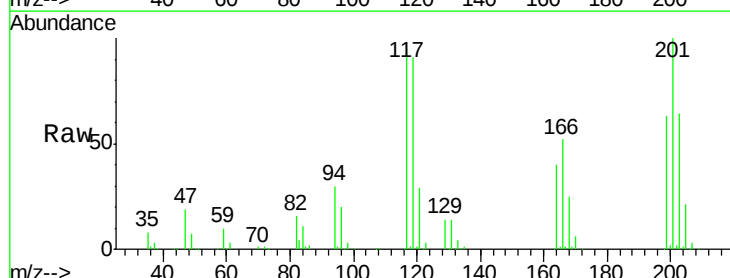
Acq: 22 Jan 2016 20:13

Tgt Ion:117 Resp: 223088
Ion Ratio Lower Upper

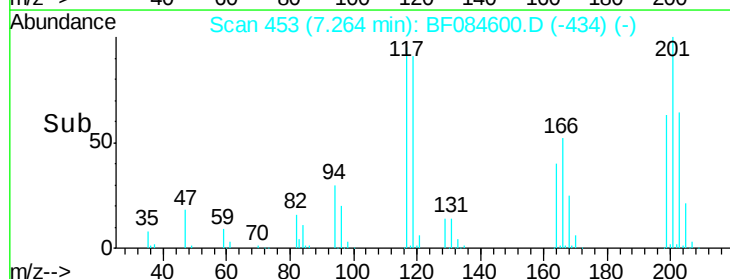
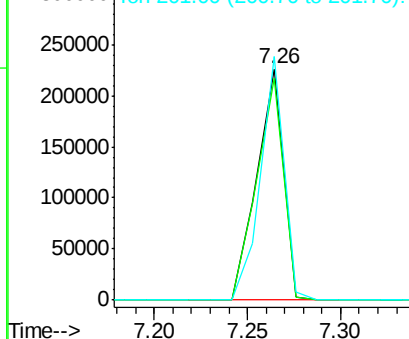
117 100

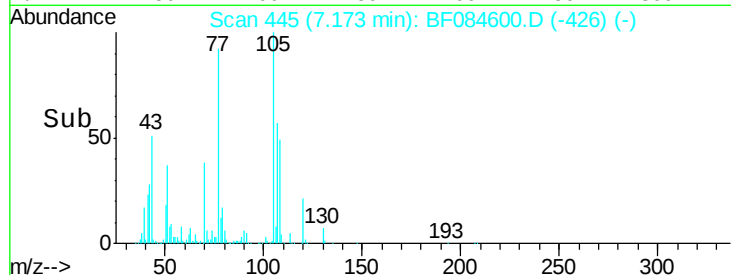
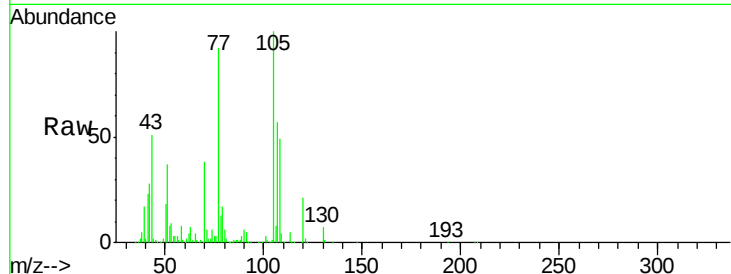
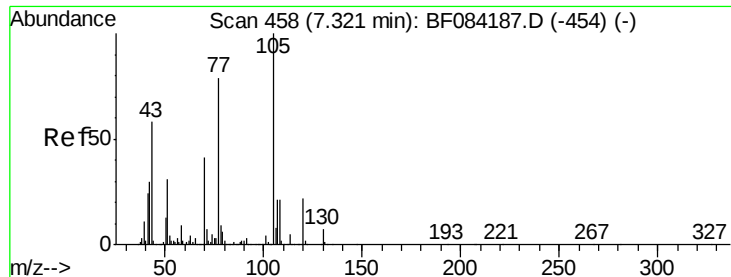
119 96.0 77.4 116.0

201 105.5 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





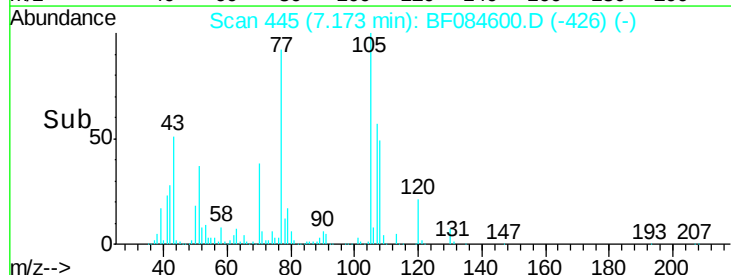
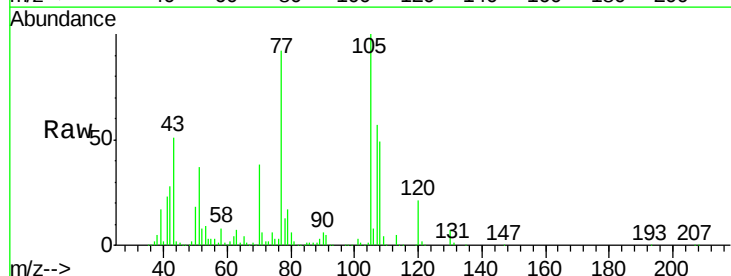
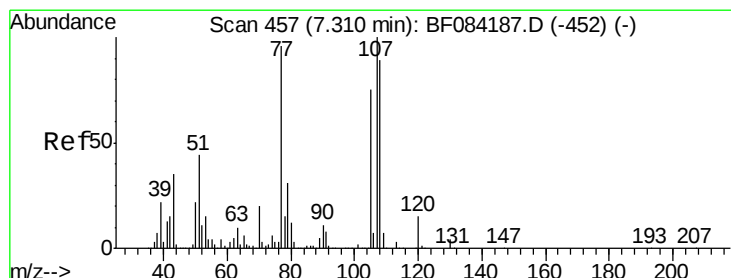
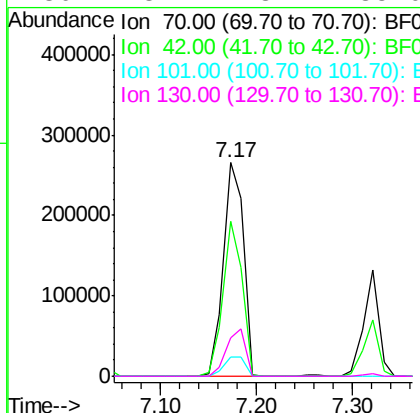
#19
n-Nitroso-di-n-propylamine
Concen: 38.52 ng/ml
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	33.3	49.9#
101	9.0	9.3	13.9#
130	18.2	23.4	35.0#

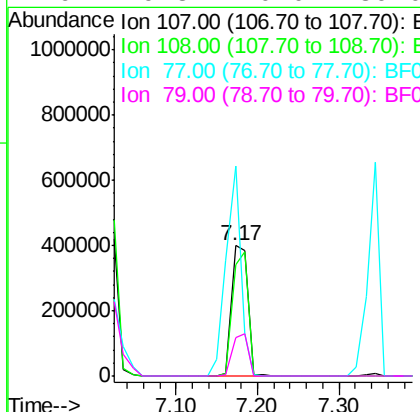
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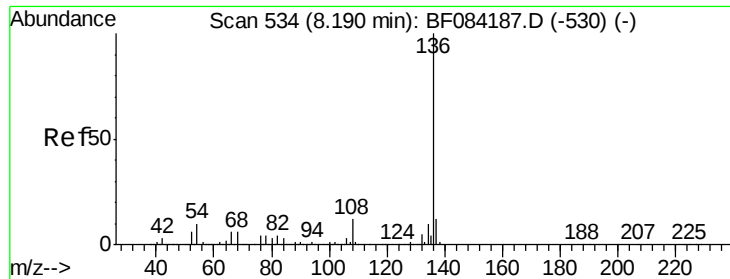
mohammad
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#20
3+4-Methylphenols
Concen: 41.50 ng/ml
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	74.6	114.6
77	161.1	0.7	40.7#
79	29.8	0.0	39.0





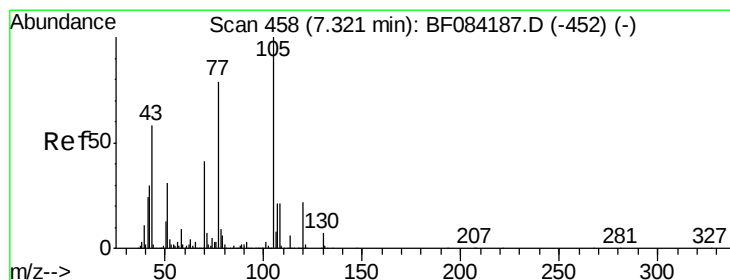
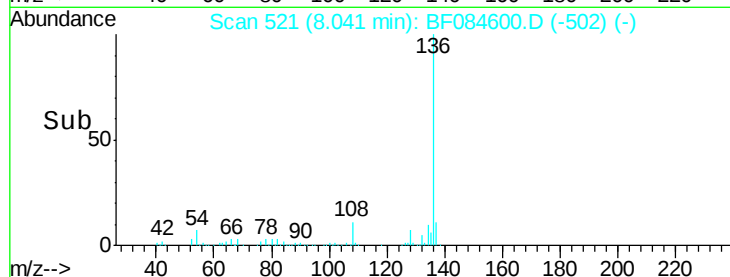
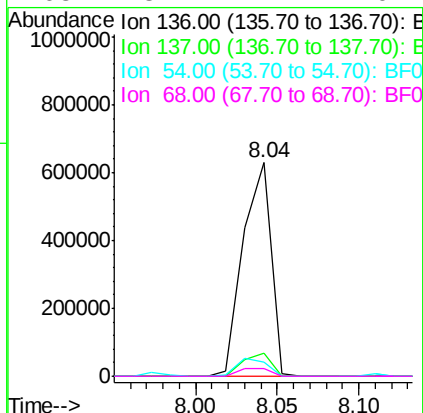
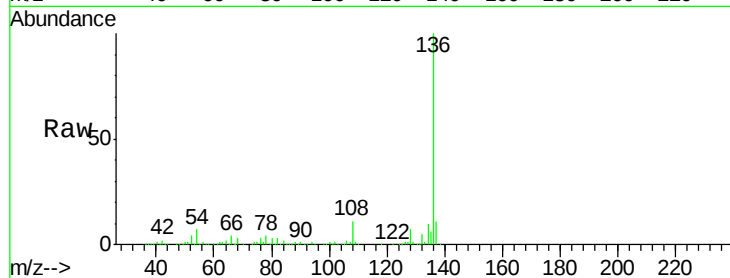
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	747435		
137	10.7	8.7	13.1	
54	6.6	5.8	8.8	
68	3.4	4.2	6.2	

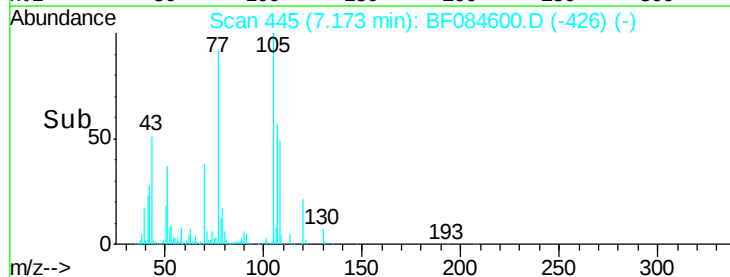
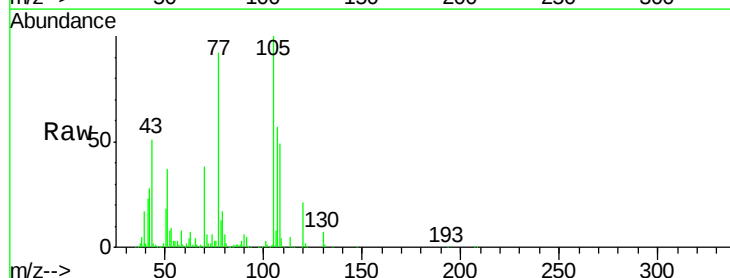
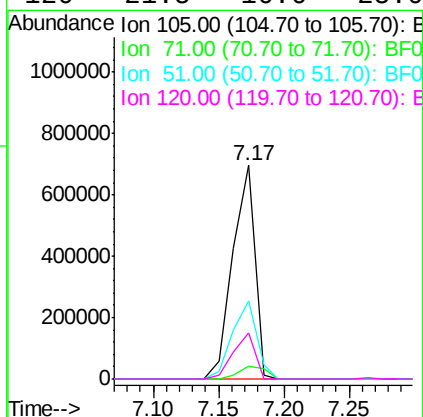
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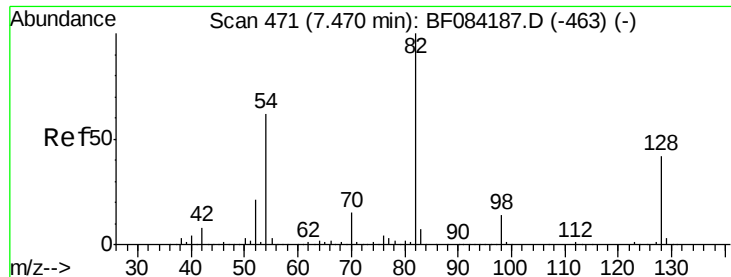
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#22
Acetophenone
Concen: 45.57 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	819070		
71	6.2	3.7	5.5	
51	36.7	25.1	37.7	
120	21.5	16.6	25.0	





#23

Nitrobenzene-d5

Concen: 78.61 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1055678

Ion Ratio Lower Upper

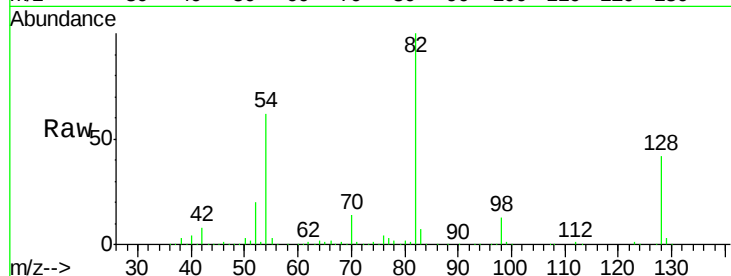
82 100

128 41.8 34.6 51.8

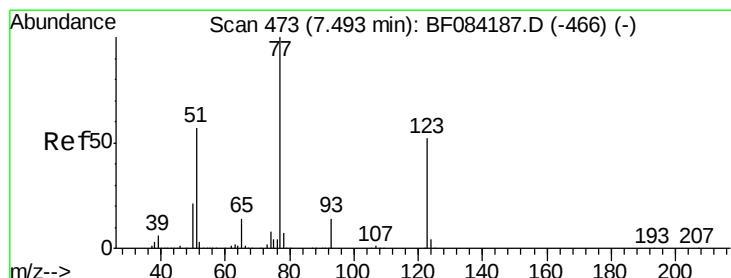
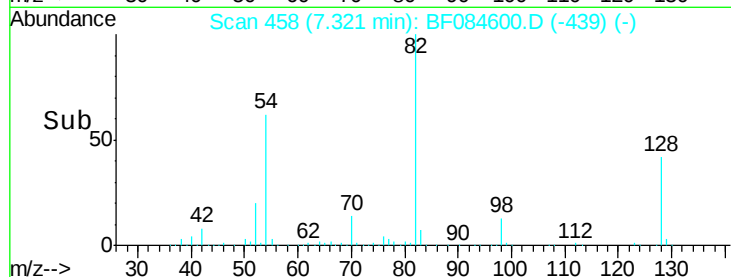
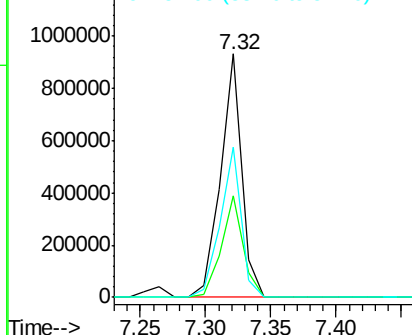
54 61.5 38.4 57.6#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.94 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

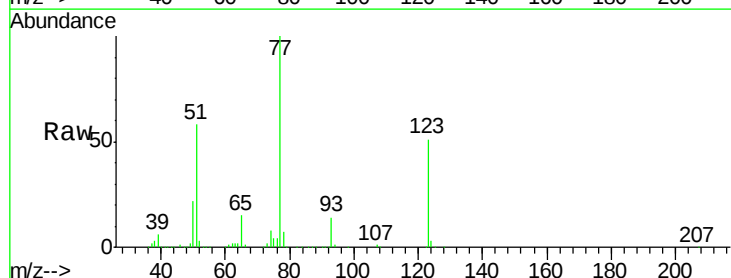
Tgt Ion: 77 Resp: 639398

Ion Ratio Lower Upper

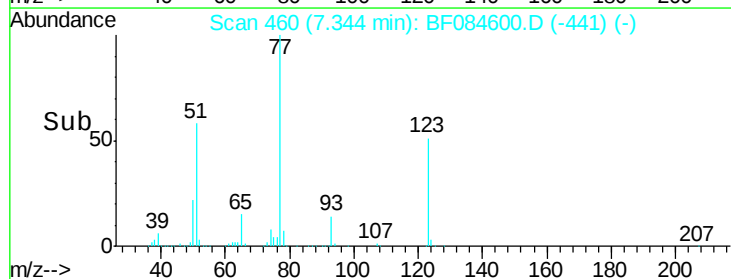
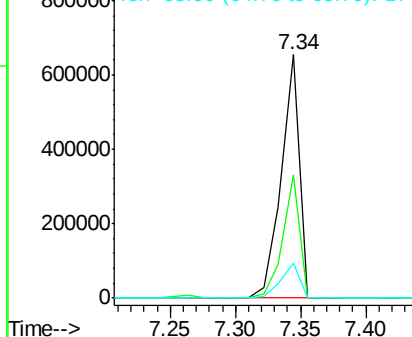
77 100

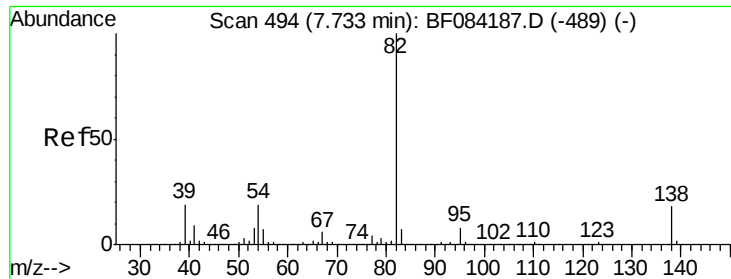
123 50.7 37.4 56.2

65 14.6 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.70 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1045391

Ion Ratio Lower Upper

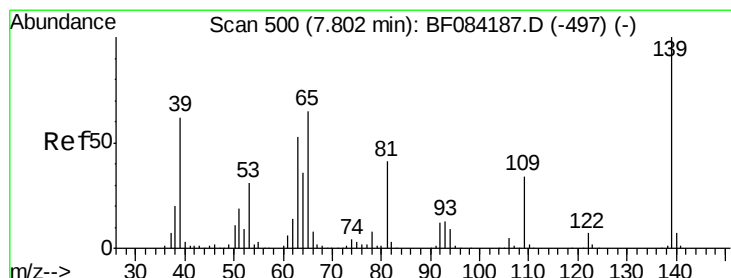
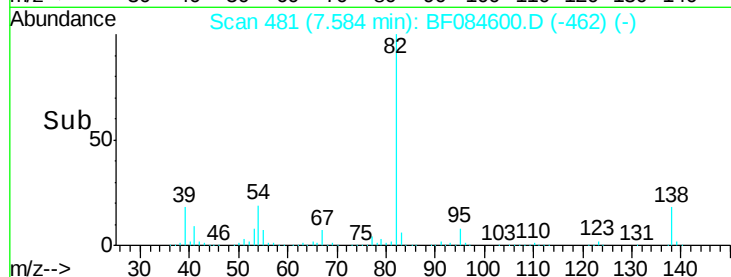
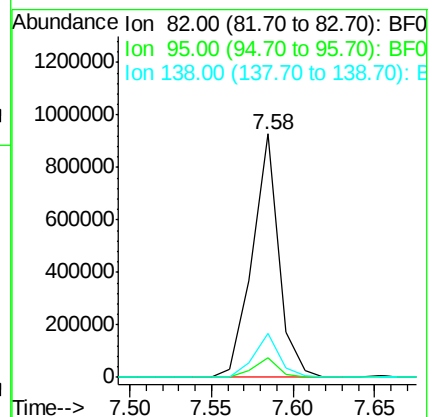
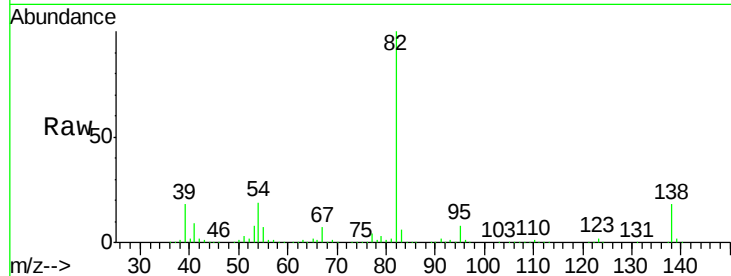
82 100

95 8.2 6.6 10.0

138 18.0 13.6 20.4

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#26

2-Nitrophenol

Concen: 40.92 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

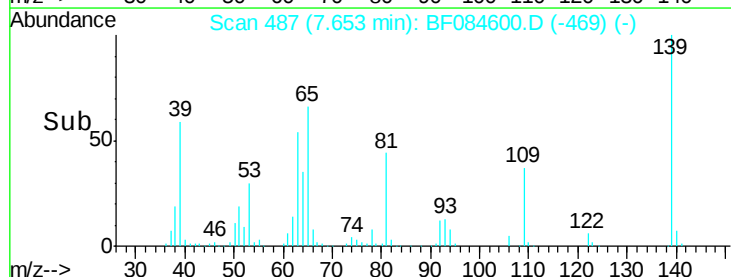
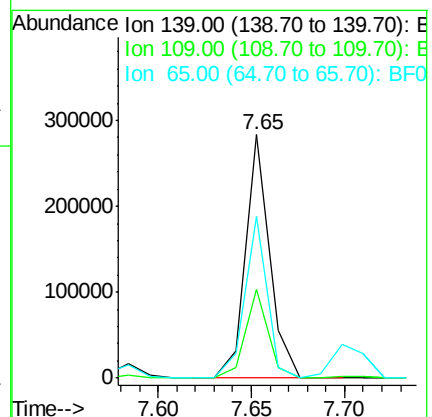
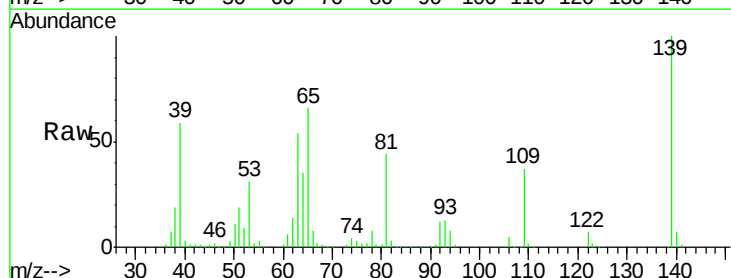
Tgt Ion: 139 Resp: 253684

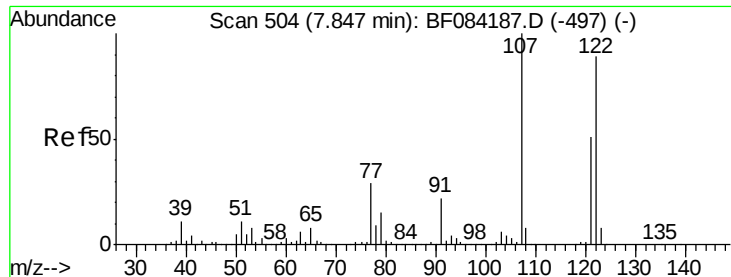
Ion Ratio Lower Upper

139 100

109 36.6 25.4 38.2

65 66.2 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.65 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

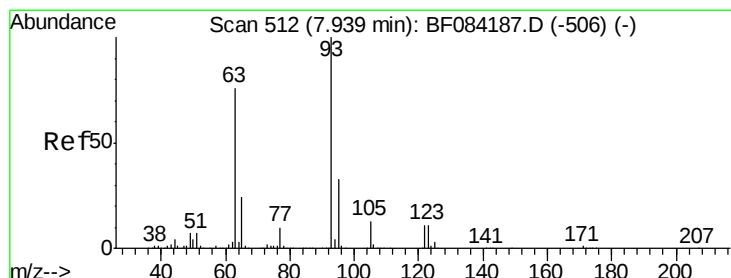
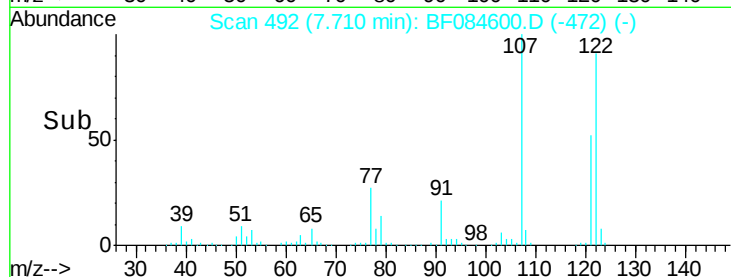
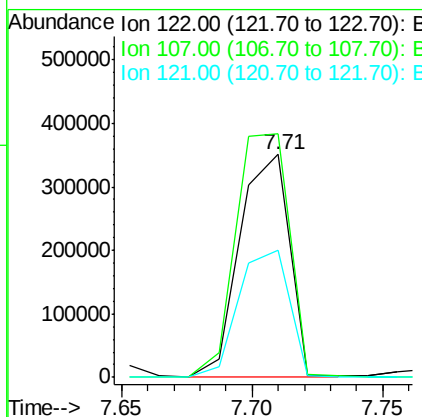
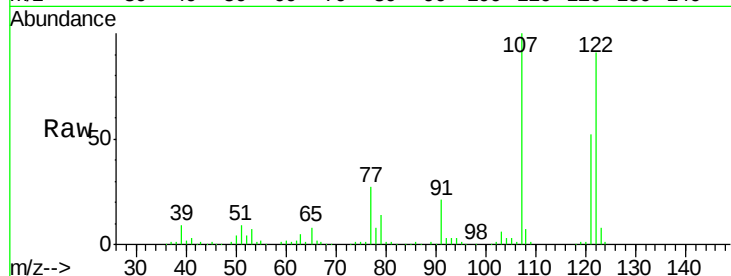
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.4	99.1	148.7
121	57.4	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 41.78 ng

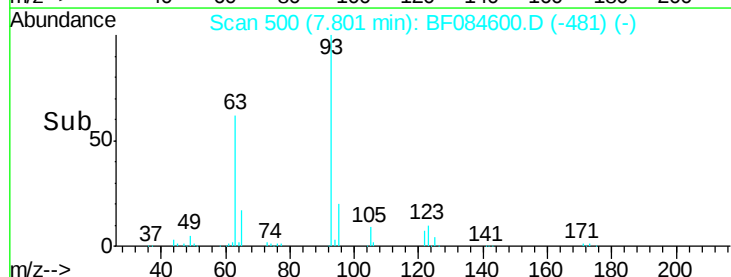
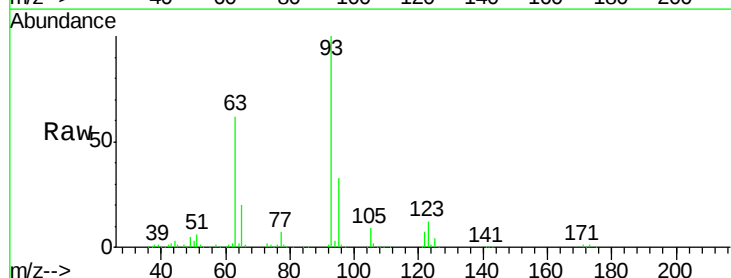
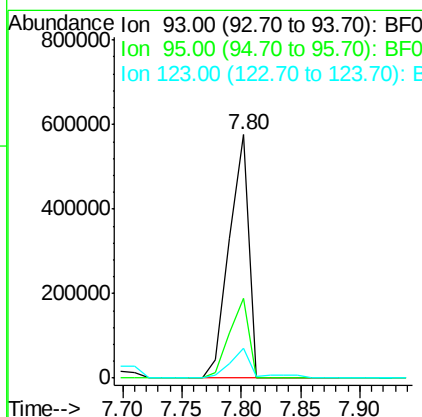
RT: 7.80 min Scan# 500

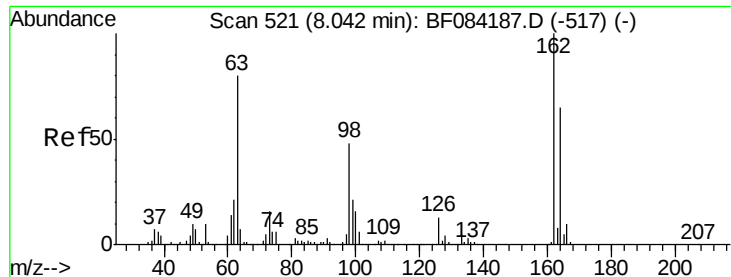
Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.6
123	12.1	8.6	12.8





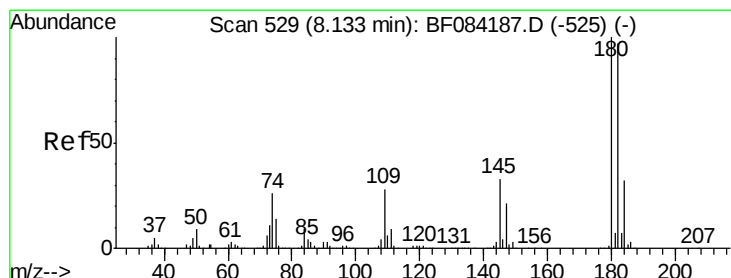
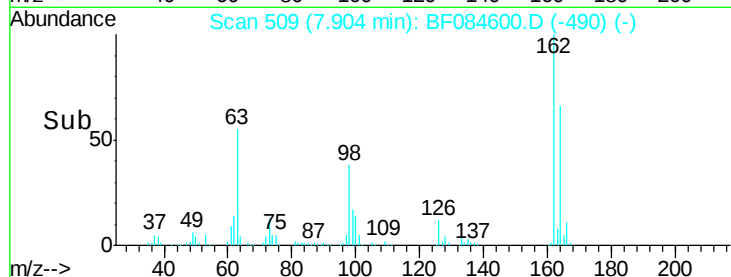
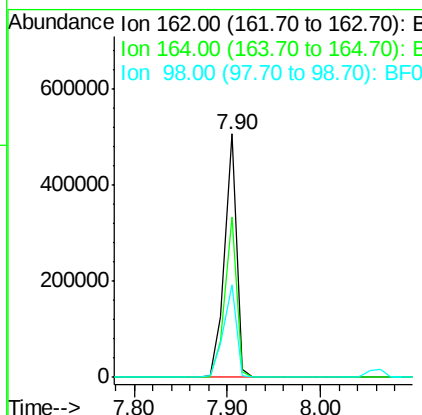
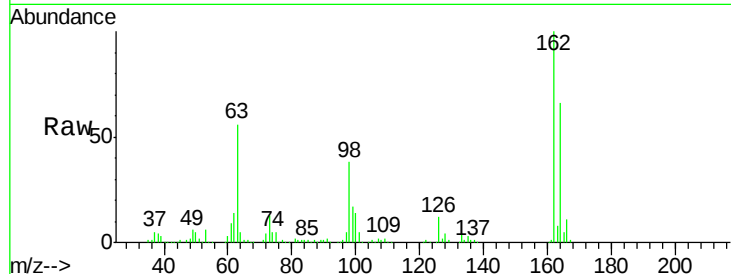
#29
2,4-Dichlorophenol
Concen: 43.08 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	450305		
164	66.1	44.1	84.1	
98	37.9	20.2	60.2	

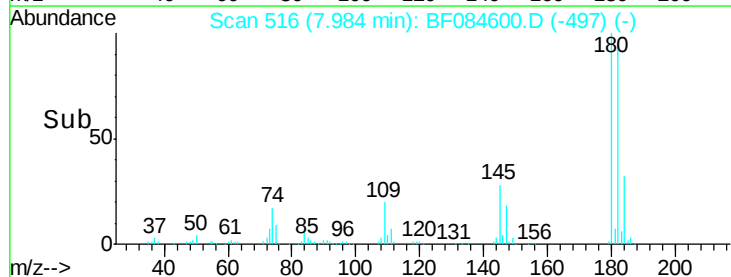
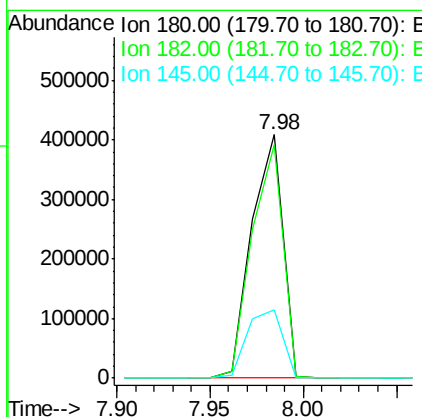
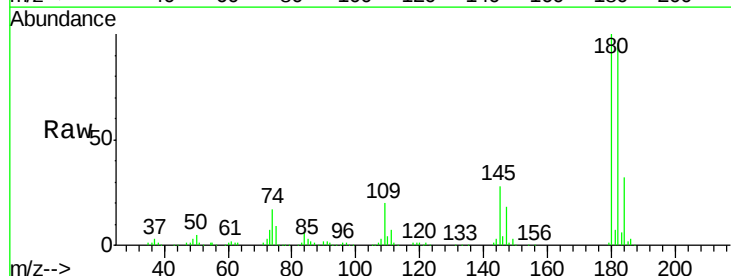
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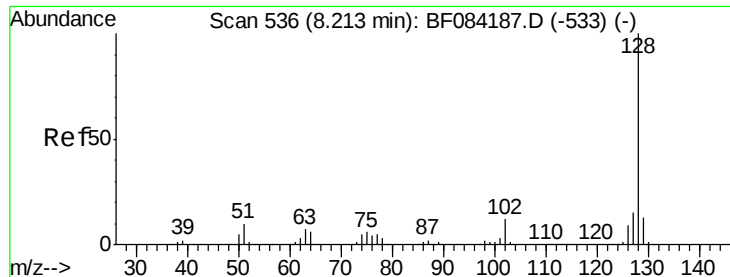
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#30
1,2,4-Trichlorobenzene
Concen: 43.90 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	473715		
182	95.7	76.4	114.6	
145	27.9	31.6	47.4	





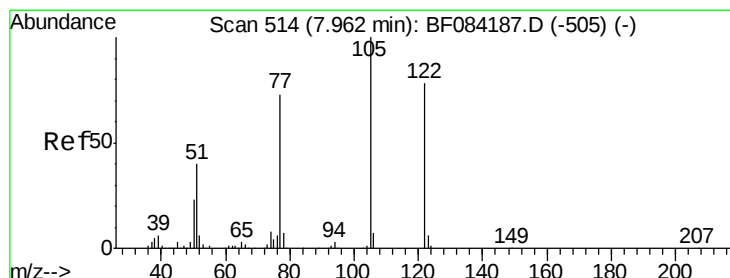
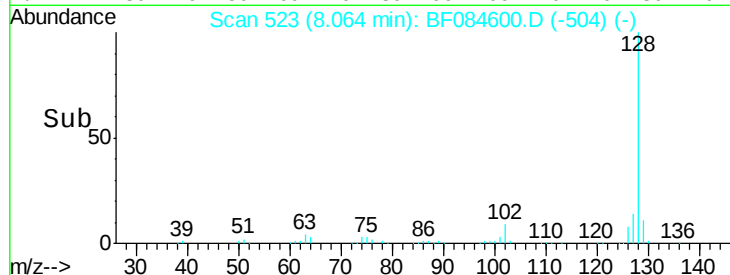
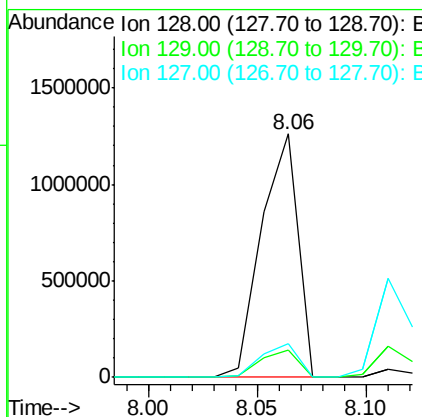
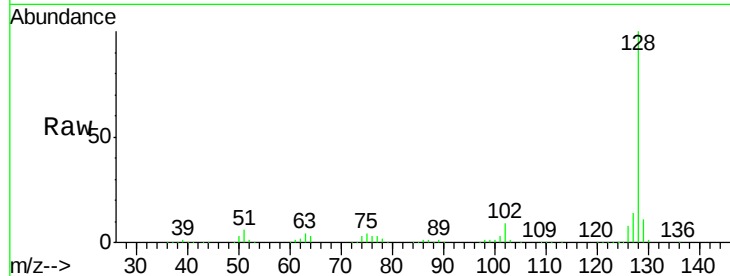
#31
Naphthalene
Concen: 43.93 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.8	11.1	16.7

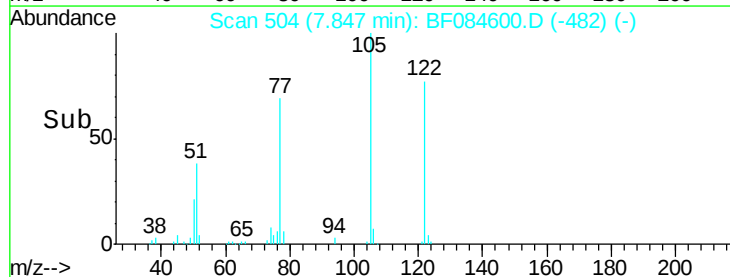
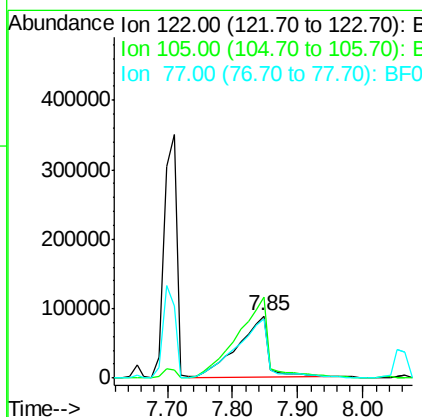
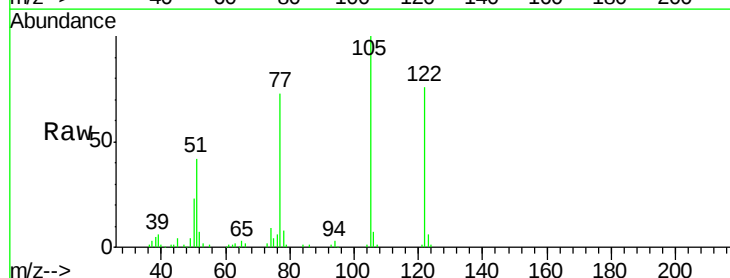
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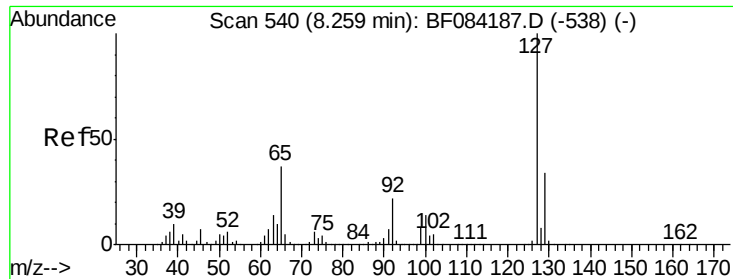
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#32
Benzoic acid
Concen: 38.23 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.9	100.3	140.3
77	95.7	63.5	103.5





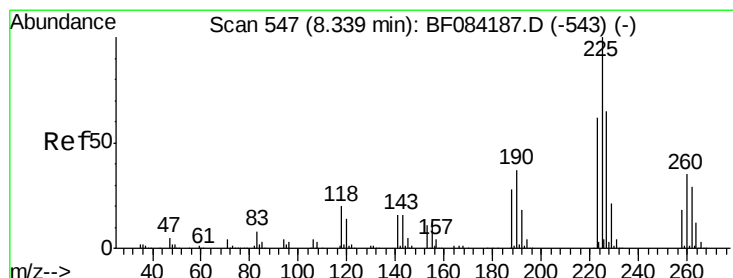
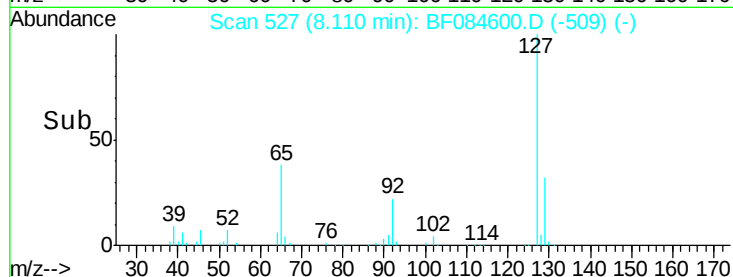
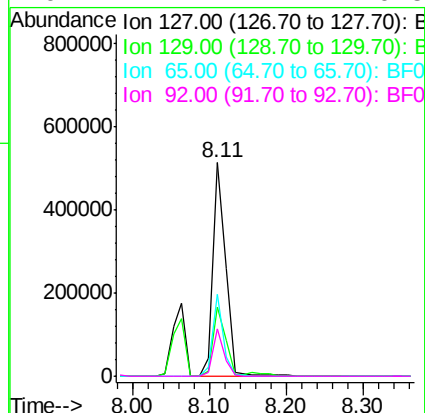
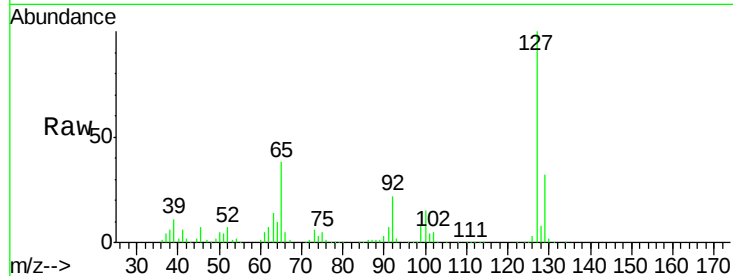
#33
4-Chloroaniline
Concen: 37.41 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.5	39.7		
65	38.4	27.2	40.8		
92	22.1	17.7	26.5		

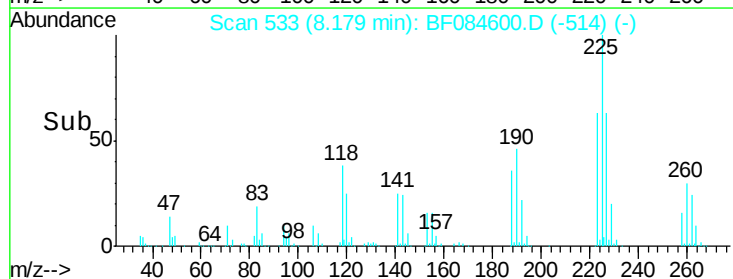
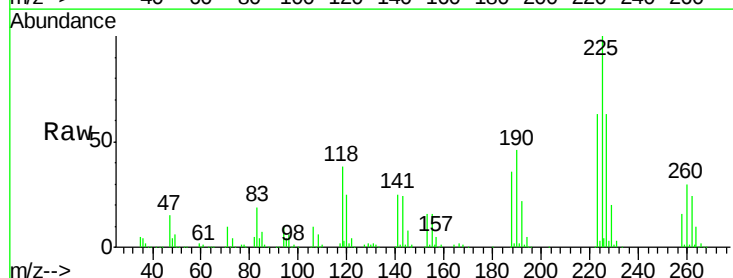
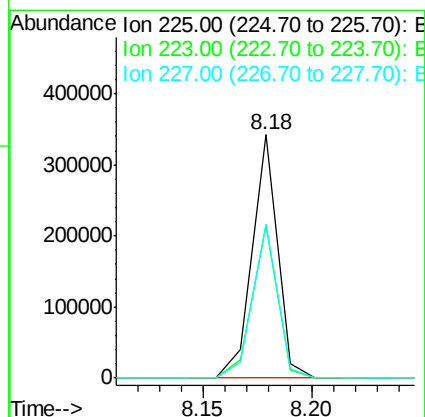
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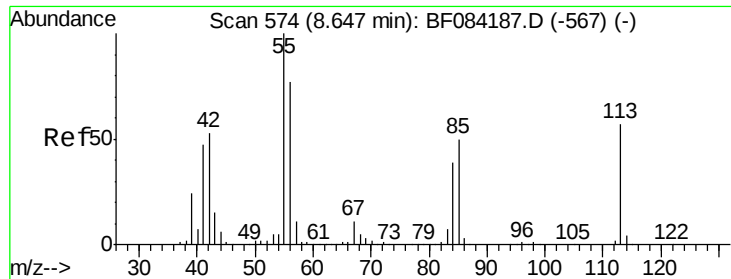
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#34
Hexachlorobutadiene
Concen: 44.57 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.4	74.0		
227	63.1	50.8	76.2		





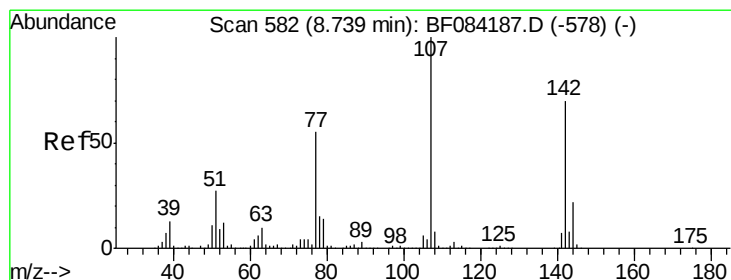
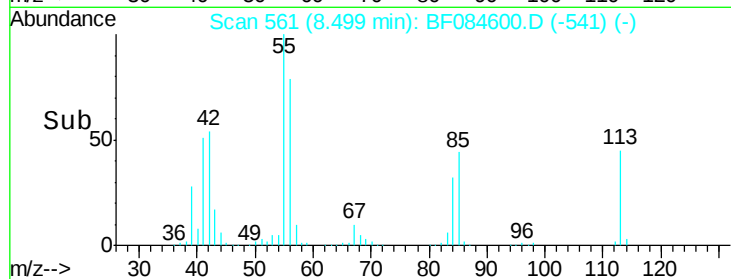
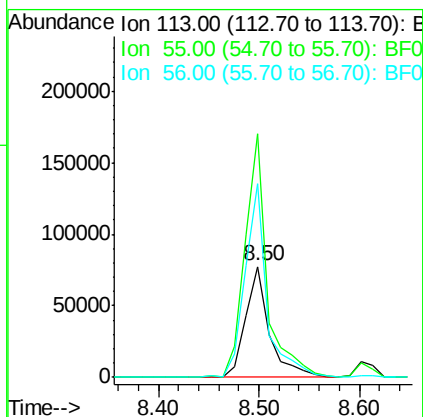
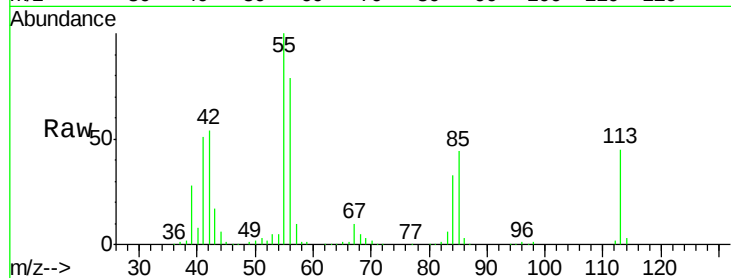
#35
 Caprolactam
 Concen: 35.77 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.07 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.0	116.9	156.9#
56	174.7	93.8	133.8#

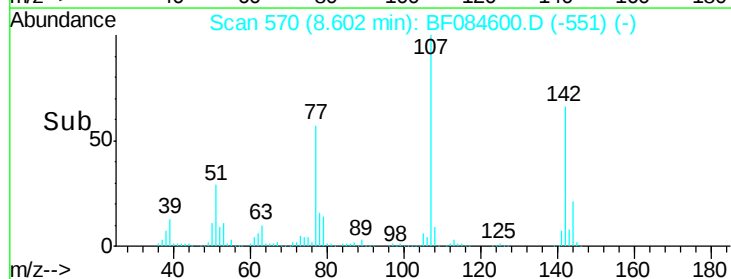
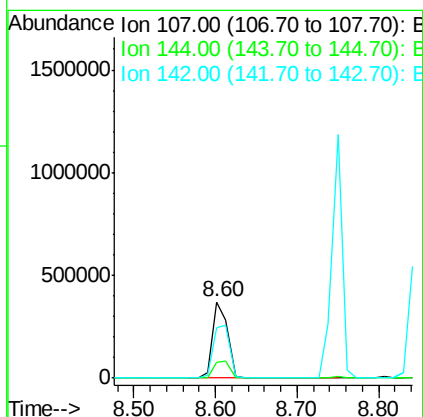
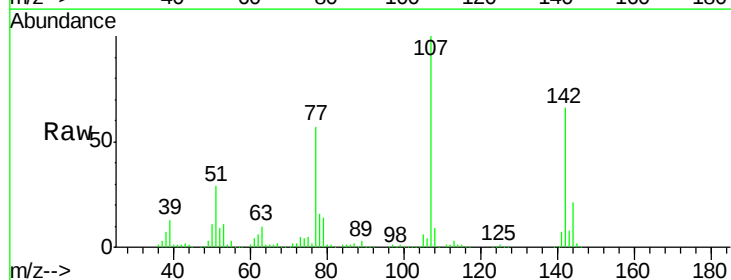
Manual Integrations
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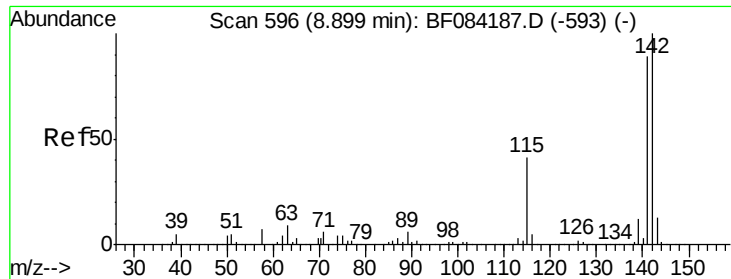
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#36
 4-Chloro-3-methylphenol
 Concen: 40.52 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	19.7	29.5
142	66.4	61.8	92.6





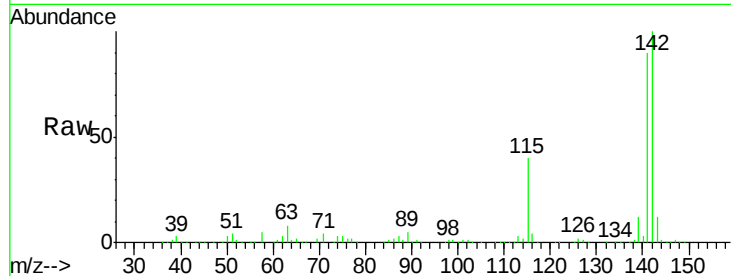
#37
2-Methylnaphthalene
Concen: 42.00 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

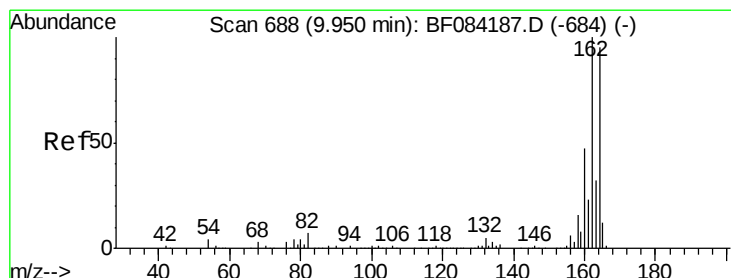
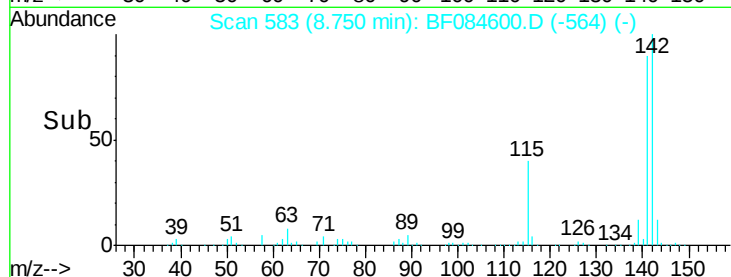
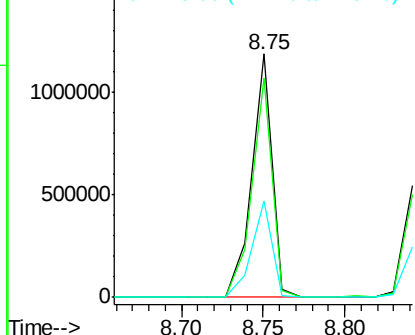
Tot Ion:142 Resp: 1022446
Ion Ratio Lower Upper
142 100
141 90.1 72.4 108.6
115 39.6 27.9 41.9

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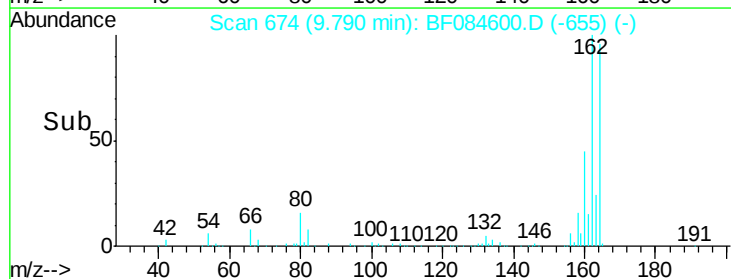
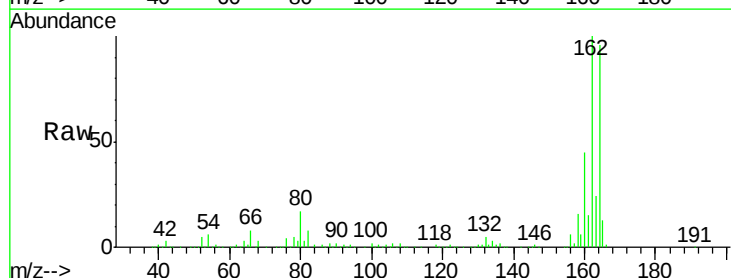
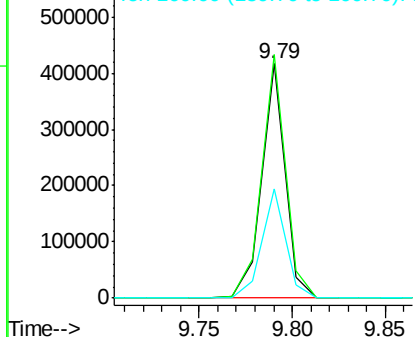
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

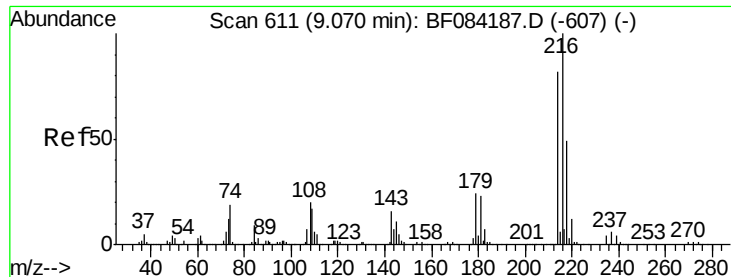


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion:164 Resp: 356489
Ion Ratio Lower Upper
164 100
162 104.0 85.1 127.7
160 46.5 37.5 56.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





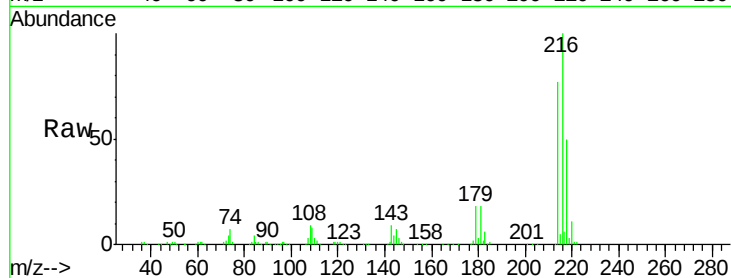
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.16 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

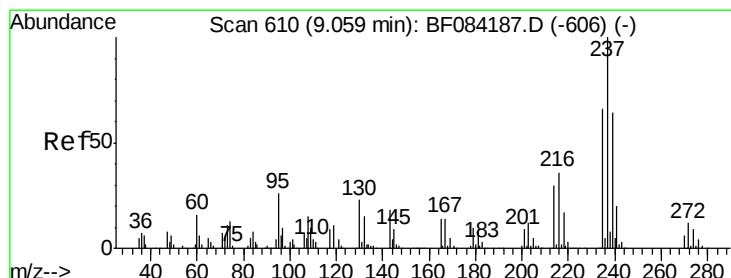
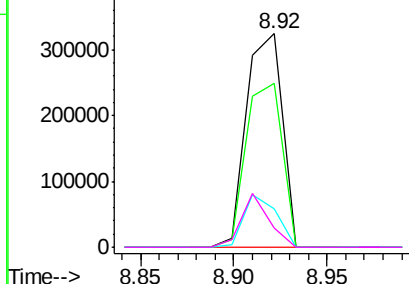
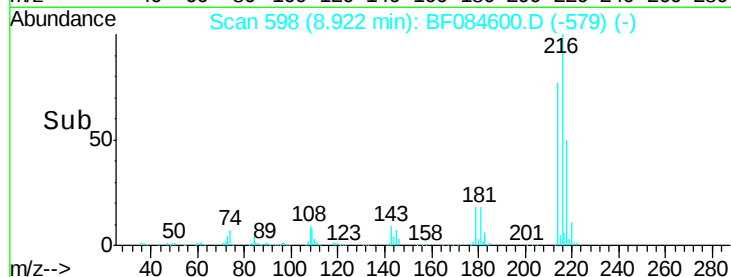
Tot Ion	Ion	Ratio	Resp	Lower	Upper
432107	216	100			
	216	100			
	214	77.8	64.2	96.2	
	179	22.7	18.7	28.1	
	108	19.5	16.8	25.2	

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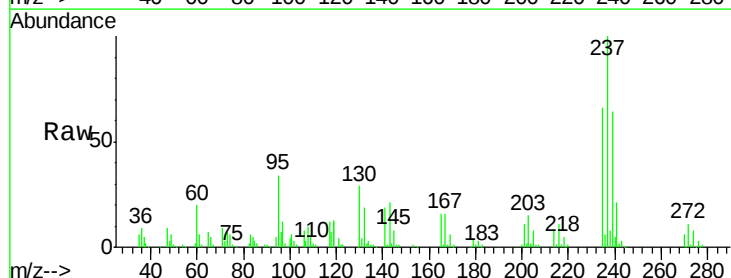


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

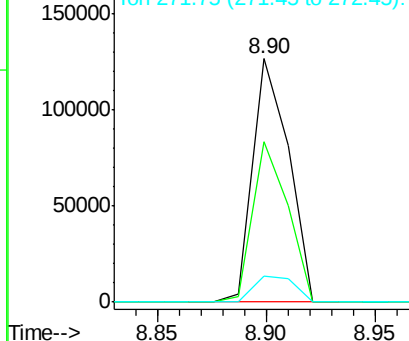
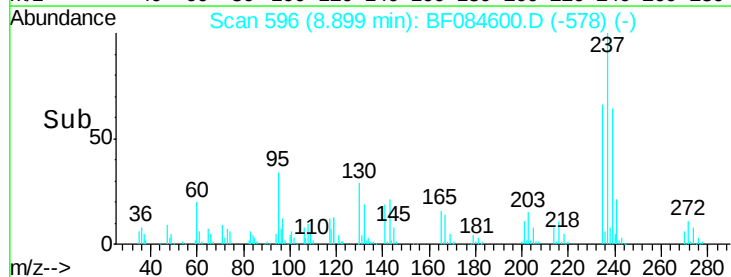


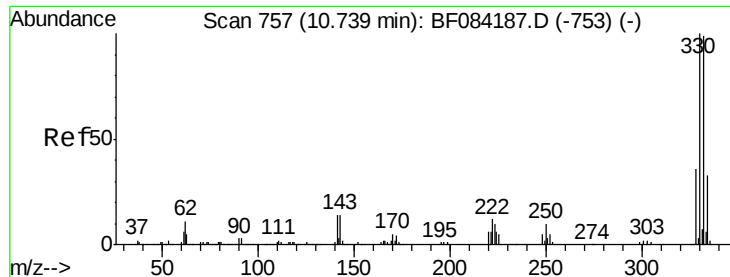
#40
 Hexachlorocyclopentadiene
 Concen: 23.60 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.09 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
145984	237	100			
	237	100			
	235	66.1	43.1	83.1	
	272	10.7	0.0	35.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





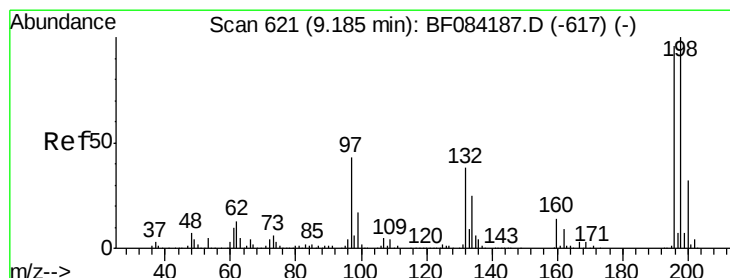
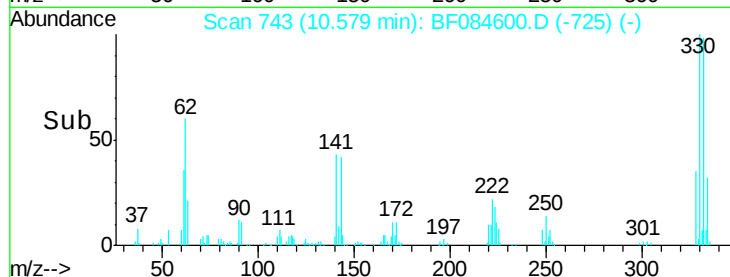
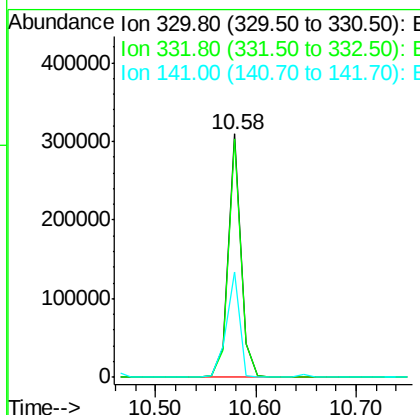
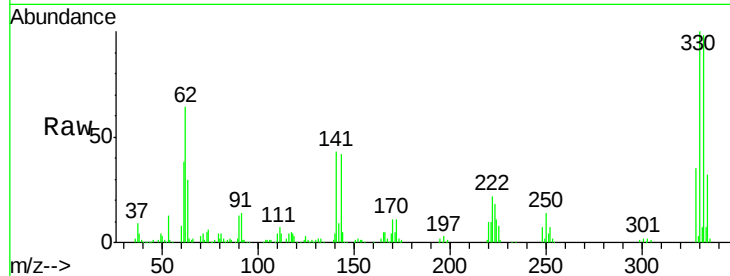
#41
 2,4,6-Tribromophenol
 Concen: 75.60 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	272105		
332	97.3	76.6	114.8	
141	45.0	27.8	41.6#	

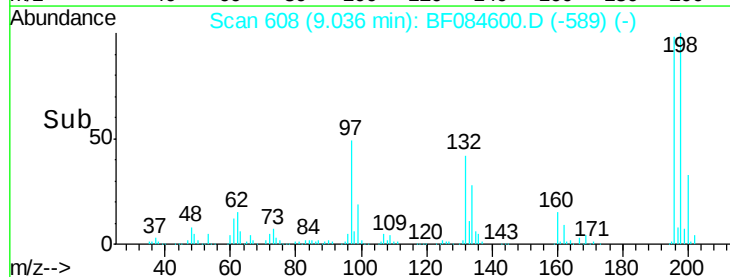
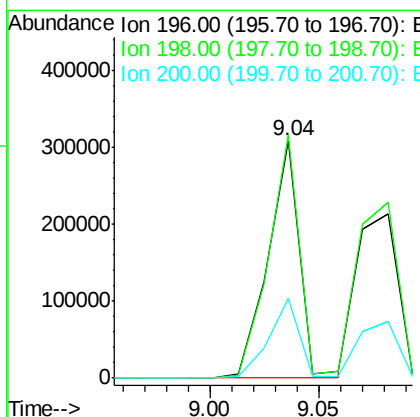
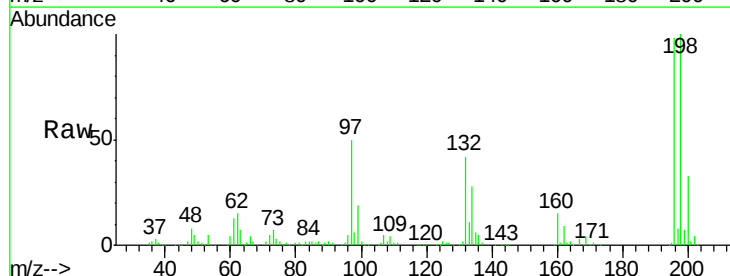
Manual Integrations
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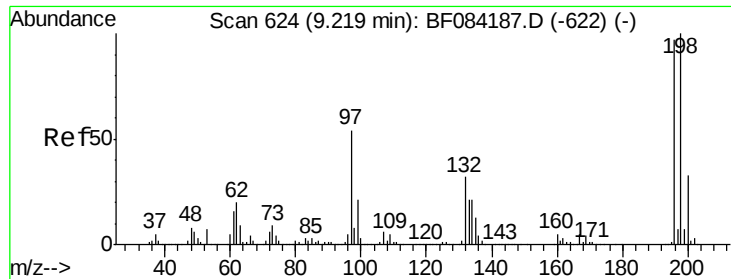
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310981		
198	102.4	77.7	116.5	
200	33.8	24.6	37.0	





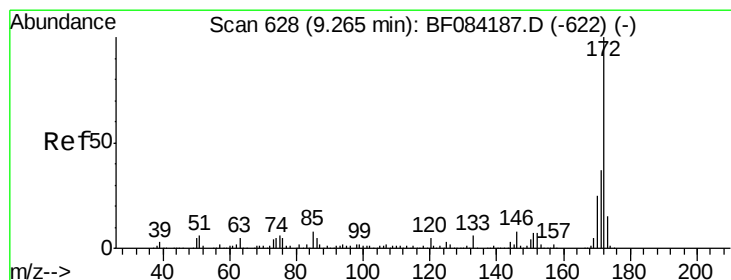
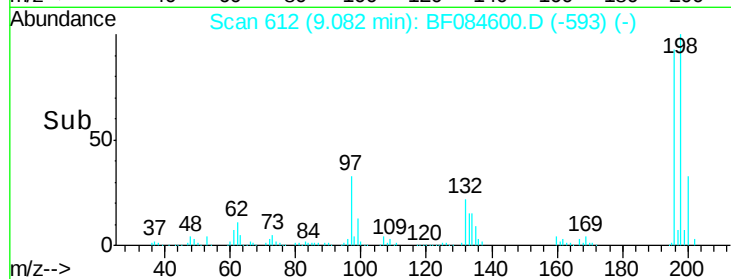
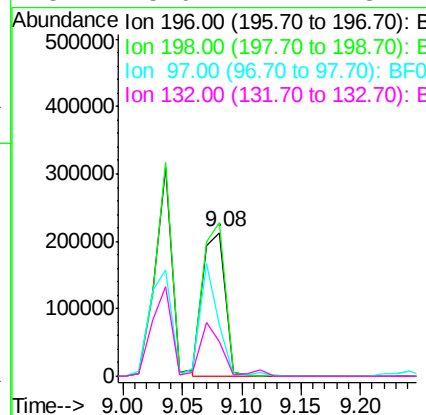
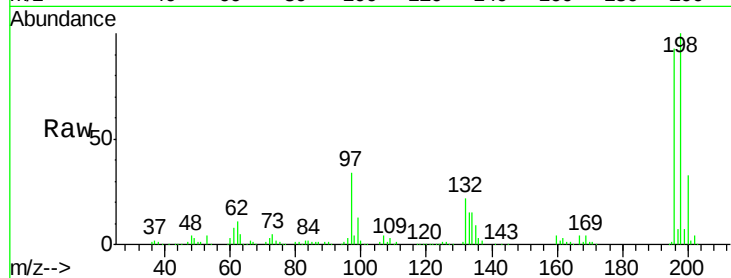
#43
 2,4,5-Trichlorophenol
 Concen: 39.01 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	286706		
198	107.3	79.0	118.6	
97	36.0	33.0	49.6	
132	23.9	21.1	31.7	

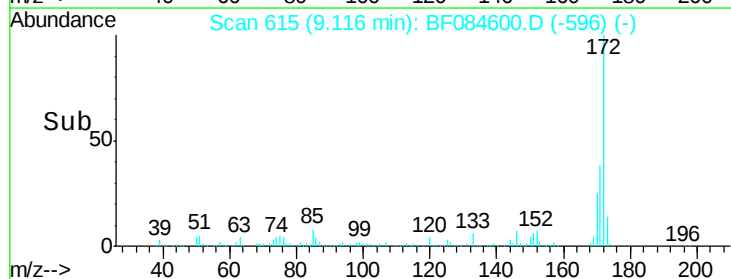
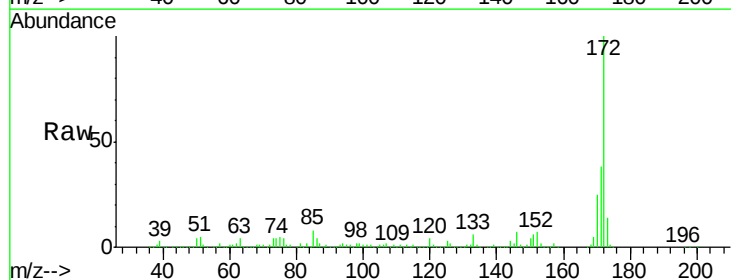
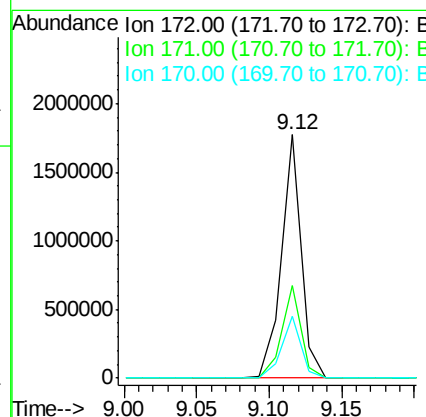
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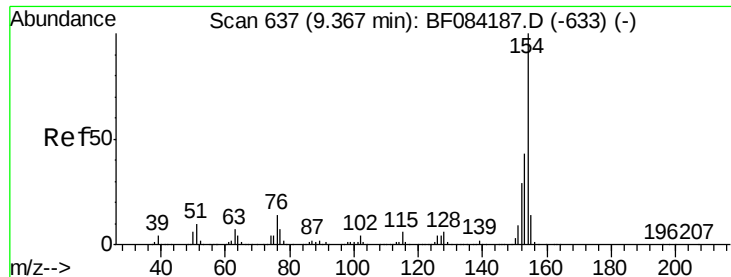
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 82.68 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1679055		
171	37.8	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 47.33 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1341026

Ion Ratio Lower Upper

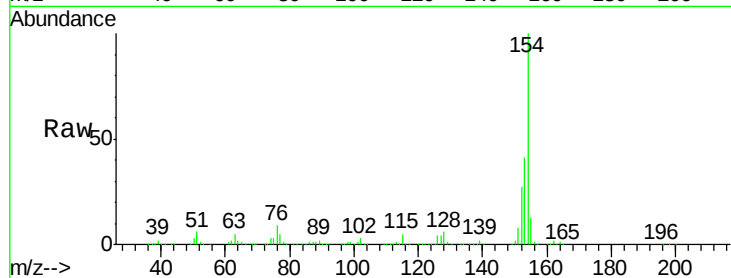
154 100

153 40.9 21.6 61.6

76 9.3 0.0 32.7

Manual Integrations
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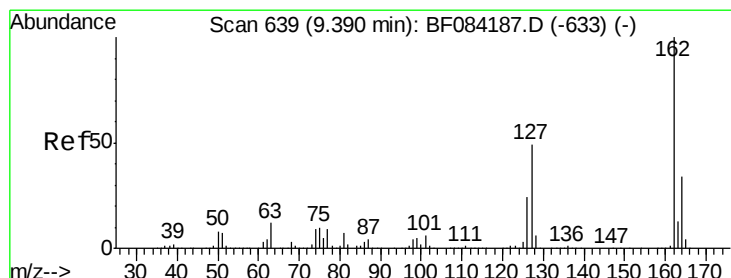
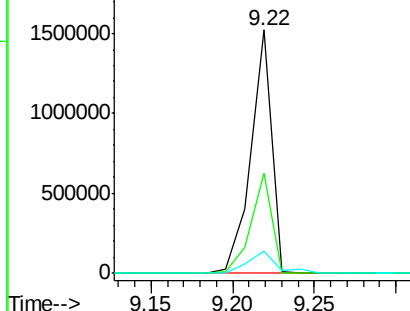
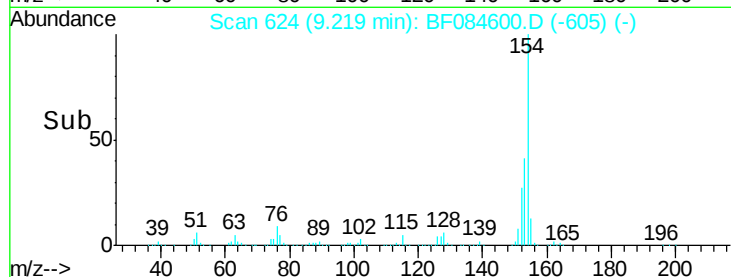
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.92 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

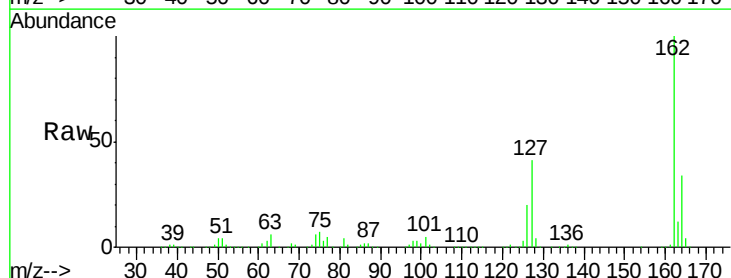
Tgt Ion:162 Resp: 955075

Ion Ratio Lower Upper

162 100

127 41.3 40.2 60.4

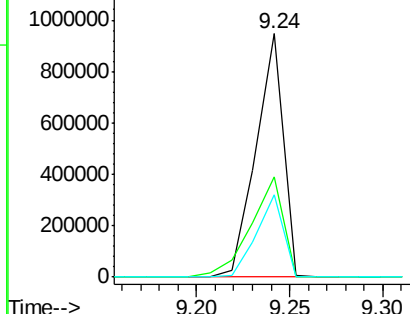
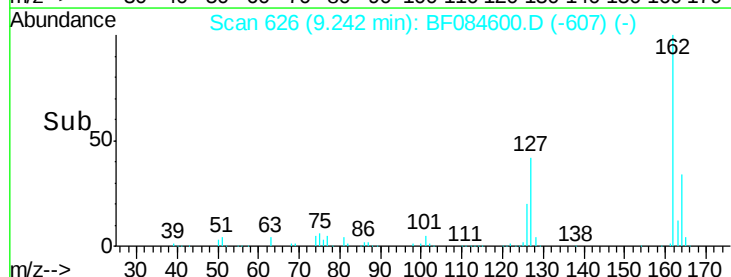
164 33.9 25.7 38.5

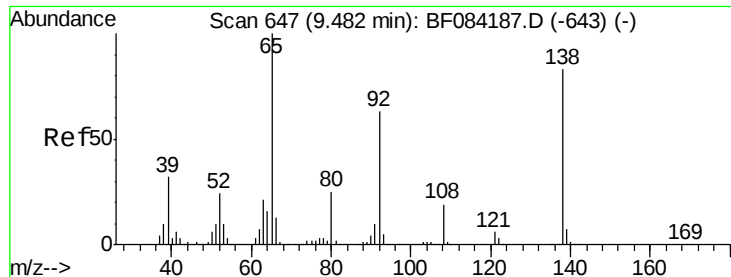


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





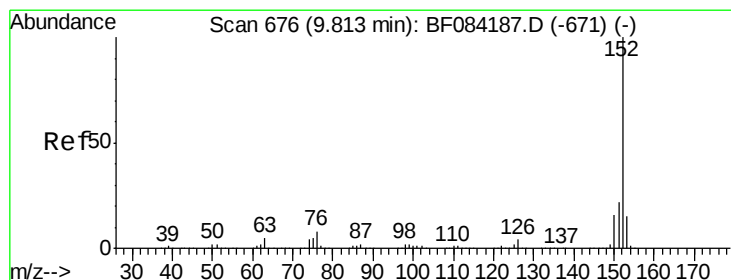
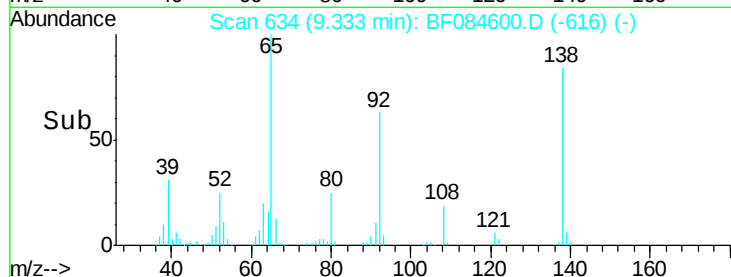
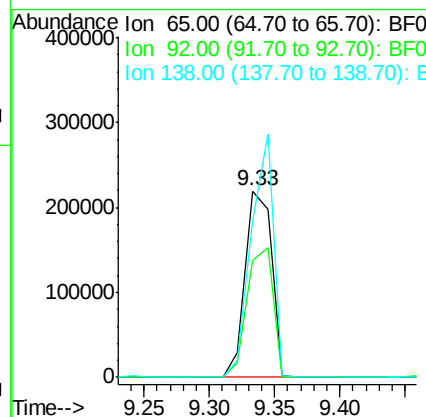
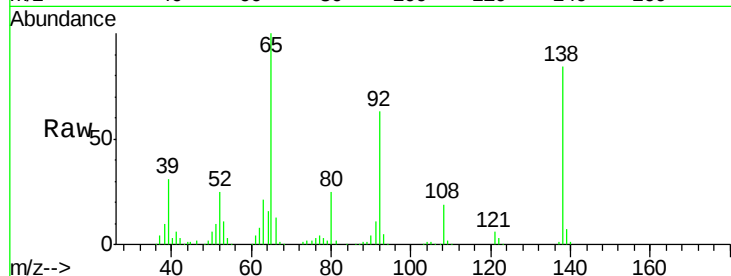
#47
2-Nitroaniline
Concen: 42.05 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	53.4	80.2
138	84.1	71.1	106.7

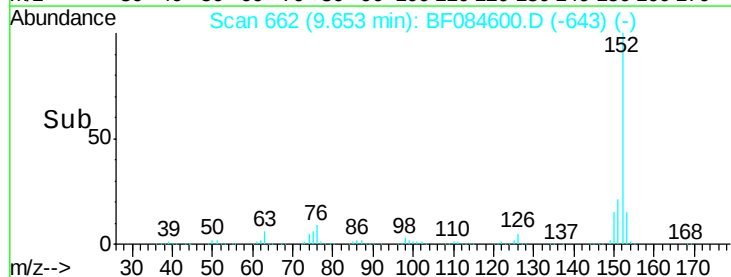
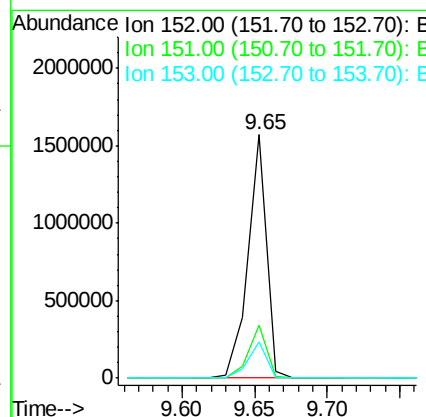
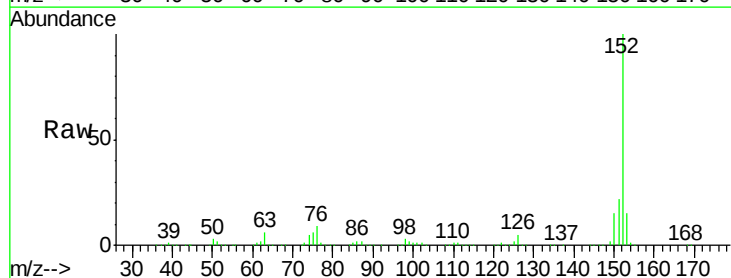
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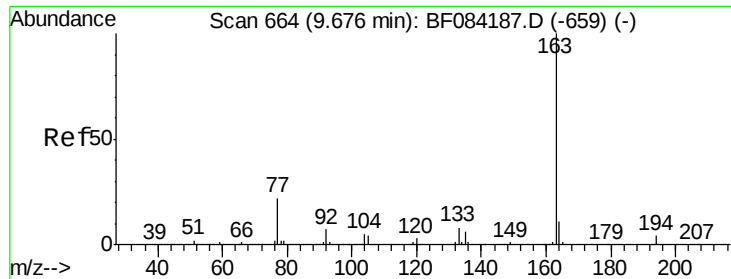
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#48
Acenaphthylene
Concen: 42.41 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	14.9	10.4	15.6





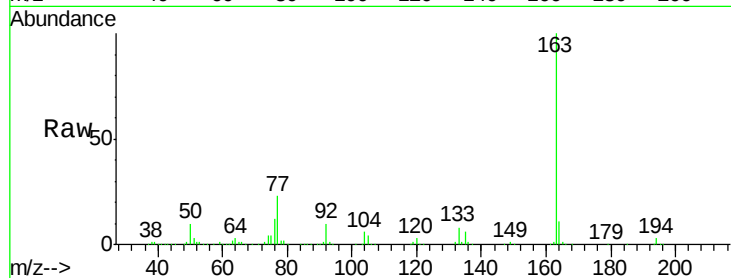
#49
Dimethylphthalate
Concen: 42.45 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

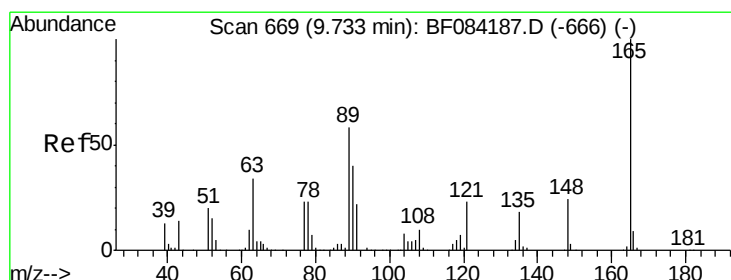
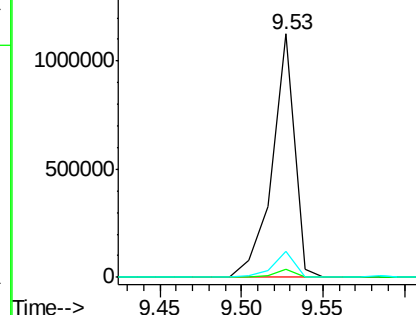
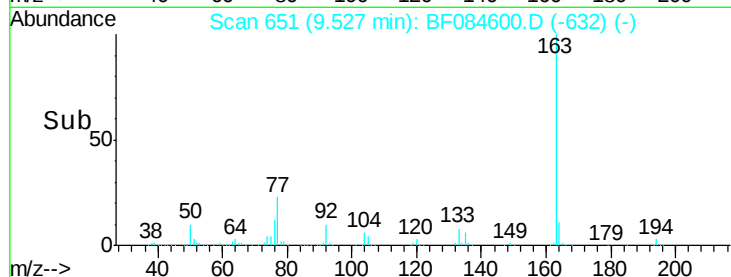
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.5	8.0	12.0

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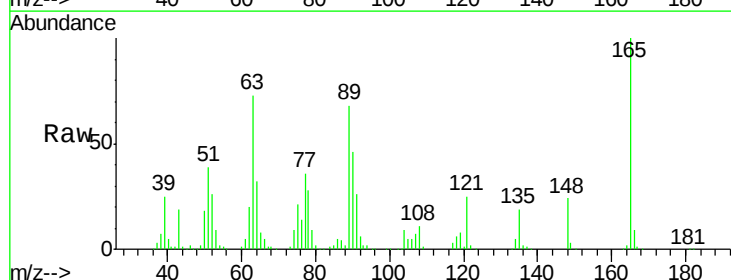


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

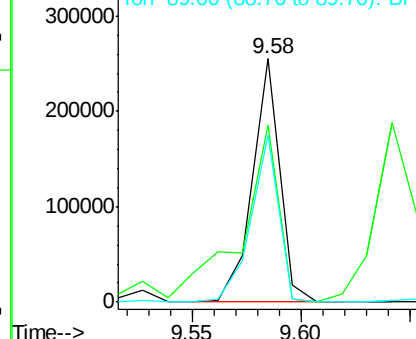
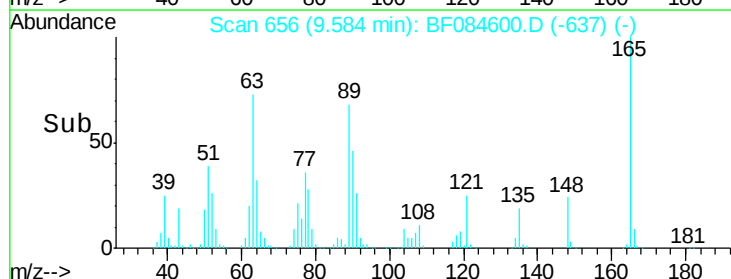


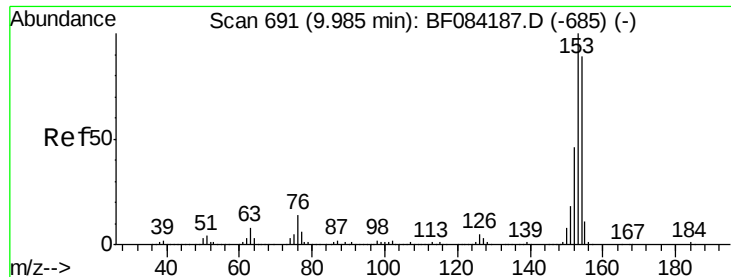
#50
2,6-Dinitrotoluene
Concen: 39.75 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.6	28.8	43.2#
89	68.3	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.50 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

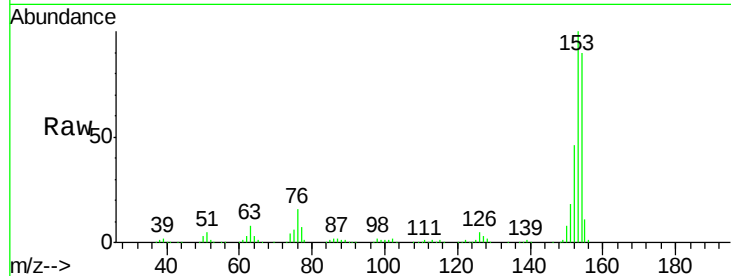
ClientSampleId :

SSTDCCC040EC

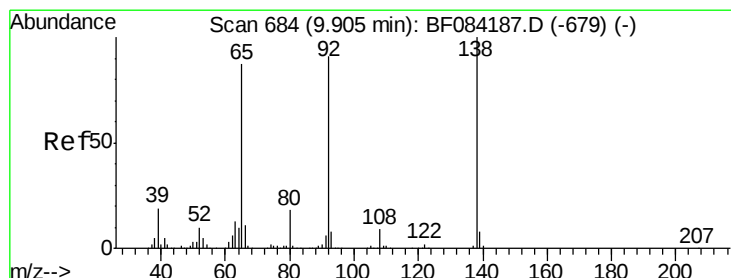
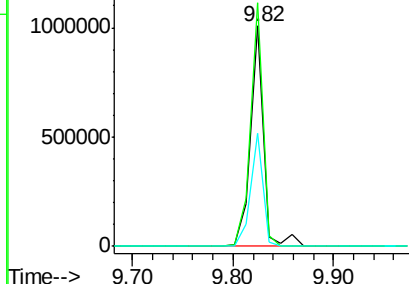
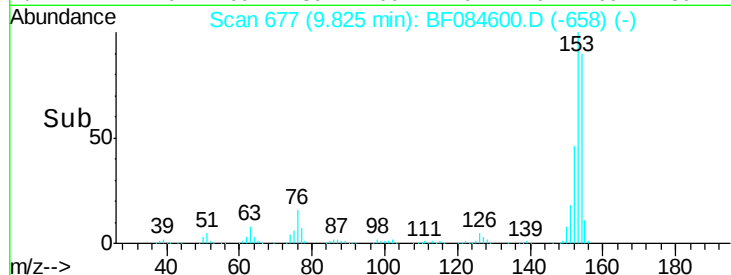
Tot Ion:	154	Resp:	915197
Ion Ratio	Lower	Upper	
154	100		
153	110.5	91.5	137.3
152	51.4	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.91 ng

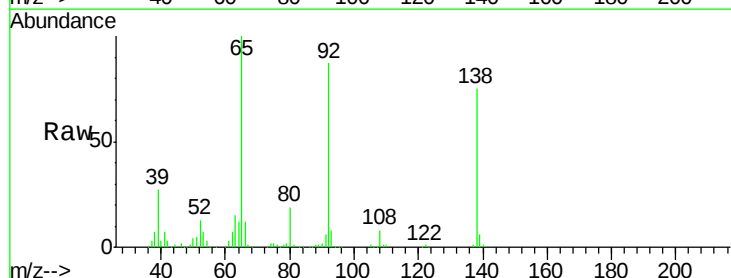
RT: 9.76 min Scan# 671

Delta R.T. -0.08 min

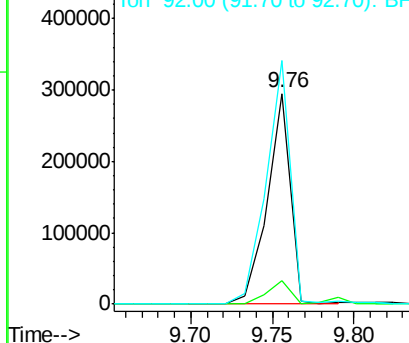
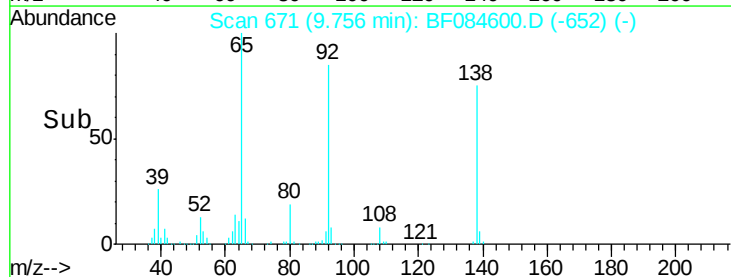
Lab File: BF084600.D

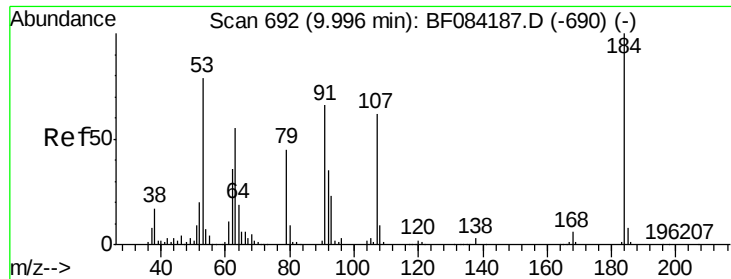
Acq: 22 Jan 2016 20:13

Tgt Ion:	138	Resp:	290303
Ion Ratio	Lower	Upper	
138	100		
108	11.1	10.5	15.7
92	115.5	103.9	155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





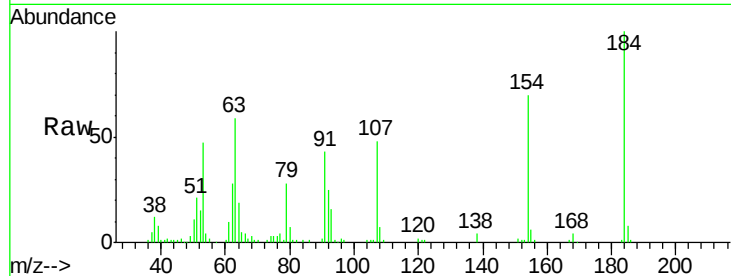
#53
2,4-Dinitrophenol
Concen: 32.73 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

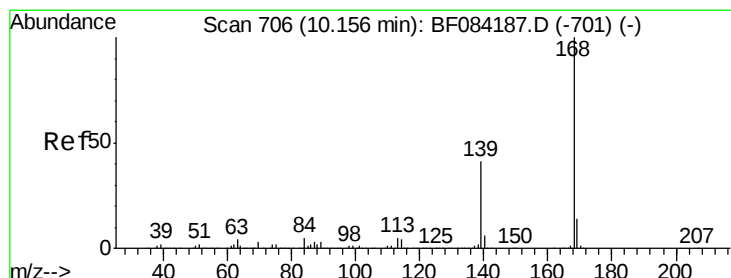
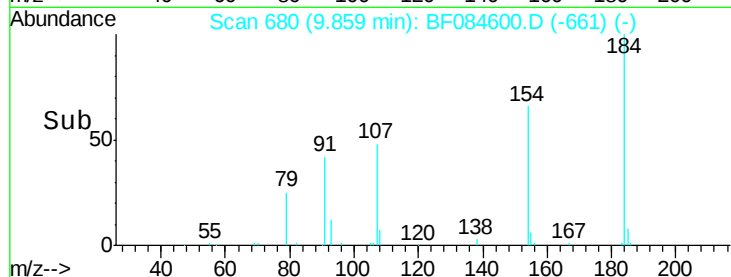
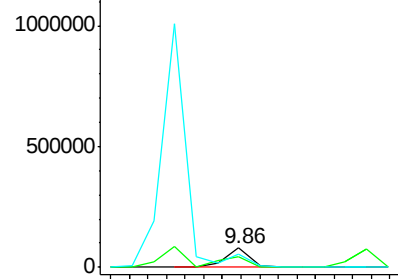
Tot Ion	Ratio	Lower	Upper
184	100		
63	59.5	43.1	64.7
154	70.5	60.5	90.7

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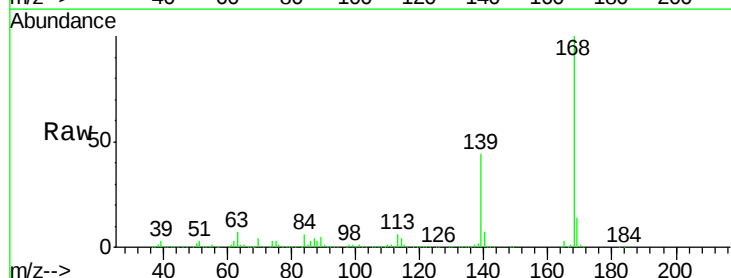


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

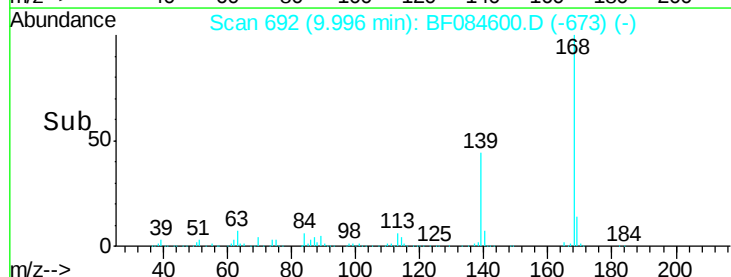
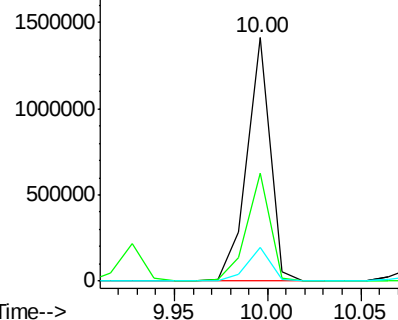


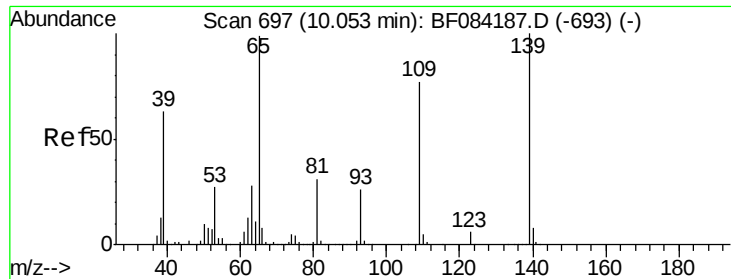
#54
Dibenzofuran
Concen: 42.20 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.2	30.5	45.7
169	13.9	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





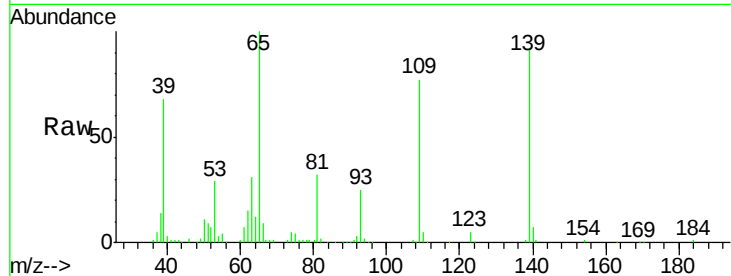
#55
4-Nitrophenol
Concen: 39.39 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	198053		
109	83.8	58.5	98.5	
65	108.8	57.6	97.6	

Manual Integrations
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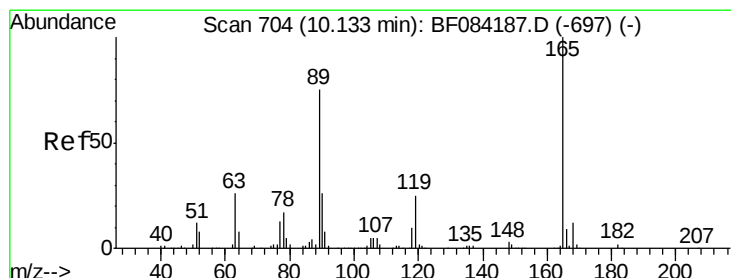
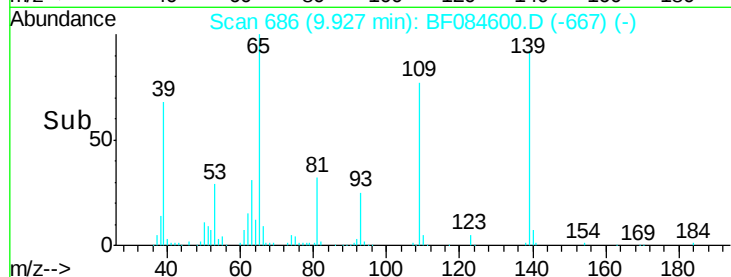
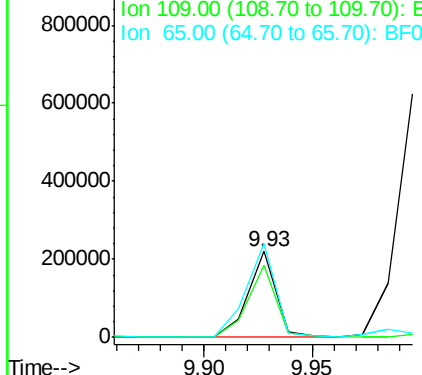


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 39.92 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	282379		
63	64.7	36.7	55.1	
89	89.7	61.9	92.9	
182	1.8	2.0	3.0	

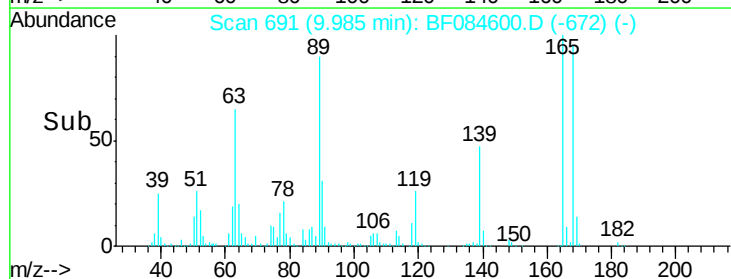
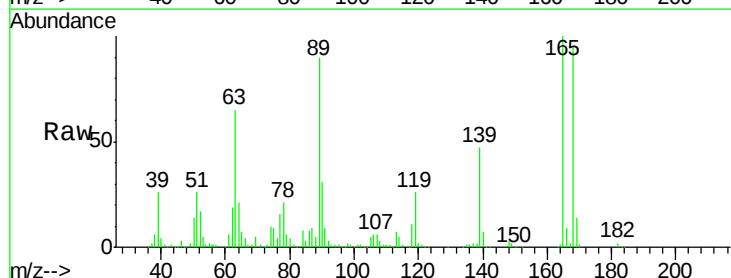
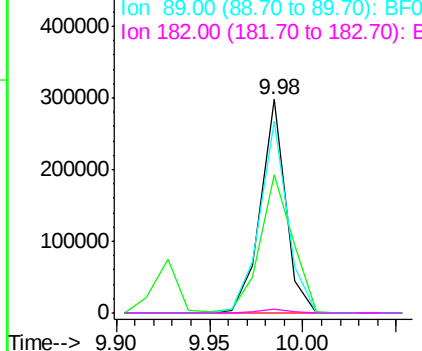
Abundance

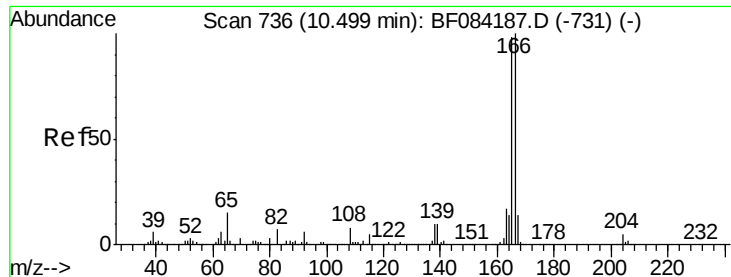
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.63 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

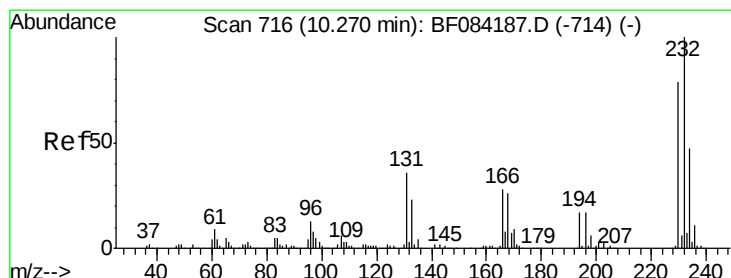
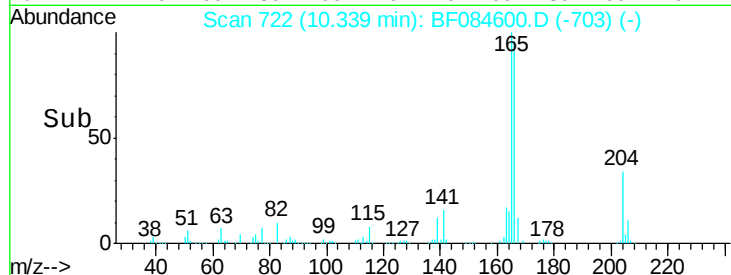
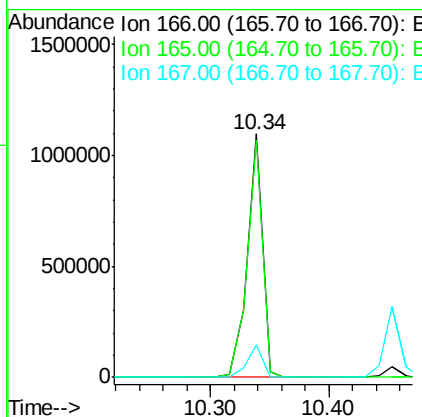
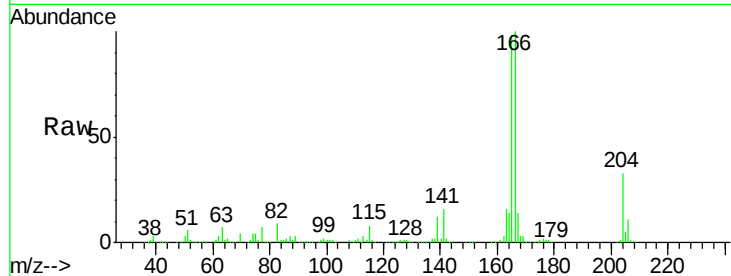
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	986316
Ion Ratio	Lower	Upper	
166	100		
165	97.6	79.1	118.7
167	13.5	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.42 ng

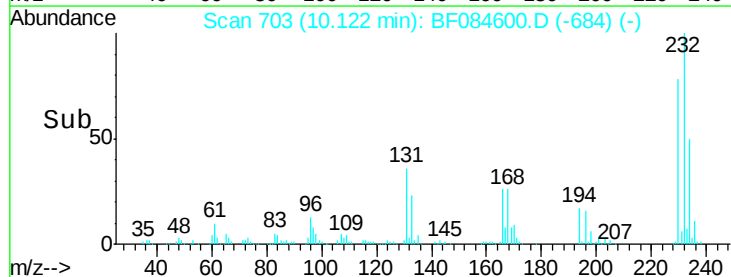
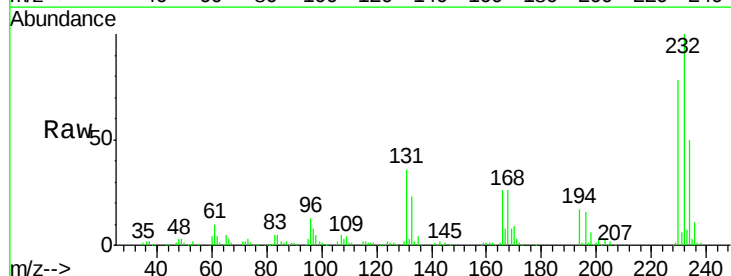
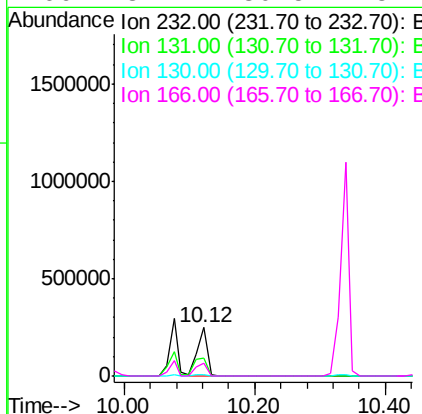
RT: 10.12 min Scan# 703

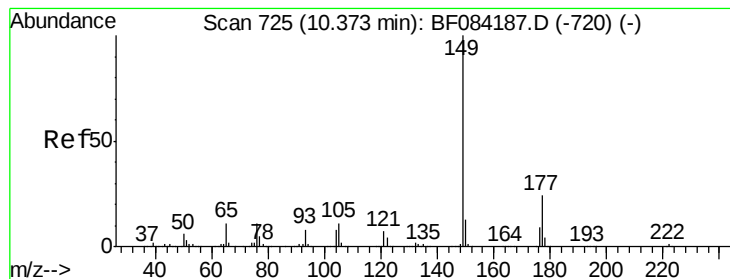
Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	232	Resp:	259907
Ion Ratio	Lower	Upper	
232	100		
131	48.2	47.0	70.6
130	2.5	2.0	3.0
166	31.4	30.5	45.7





#59

Diethylphthalate

Concen: 43.98 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1105035

Ion Ratio Lower Upper

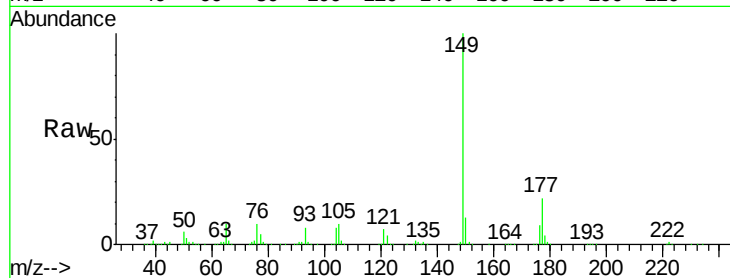
149 100

177 22.3 17.3 25.9

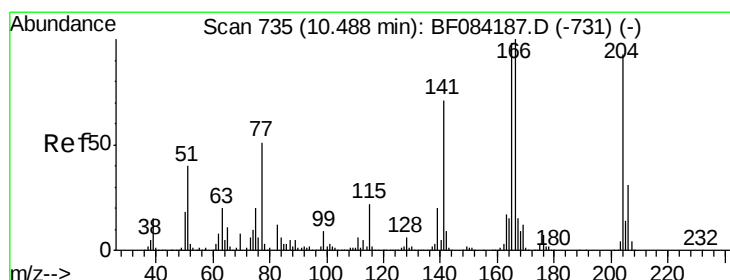
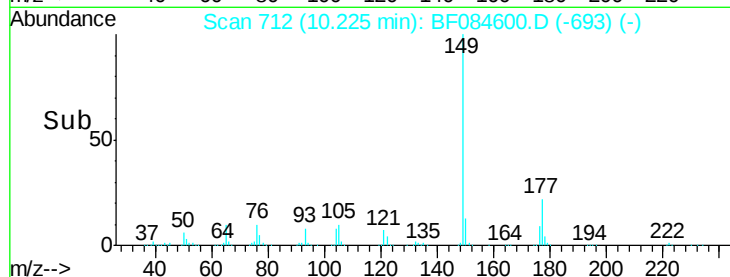
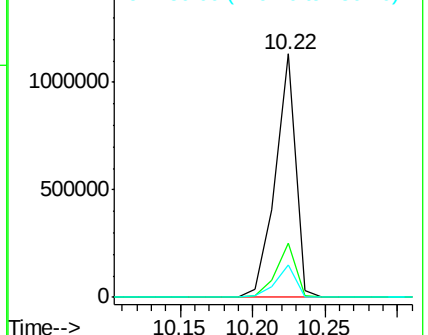
150 13.1 9.8 14.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.12 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

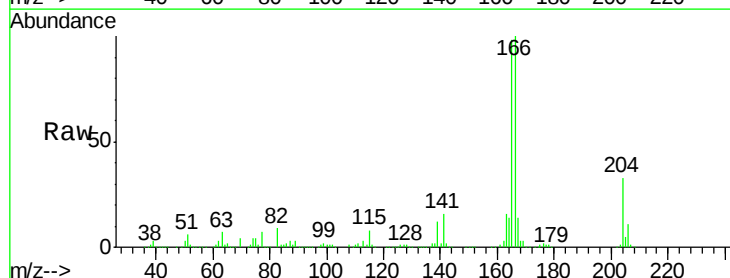
Tgt Ion:204 Resp: 443351

Ion Ratio Lower Upper

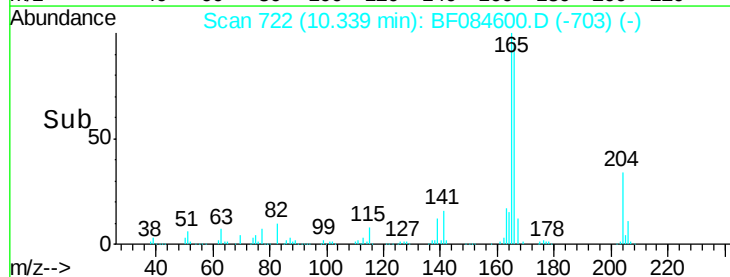
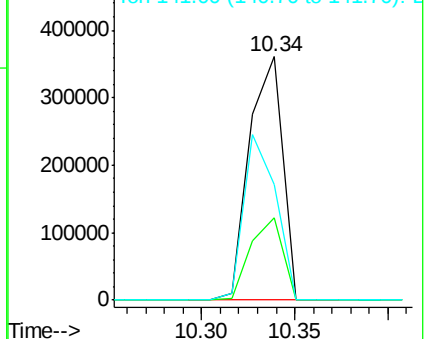
204 100

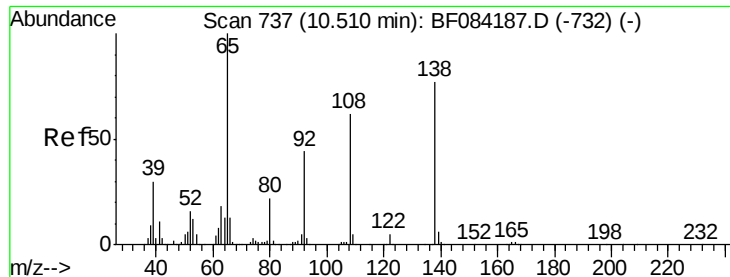
206 33.6 25.7 38.5

141 47.7 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





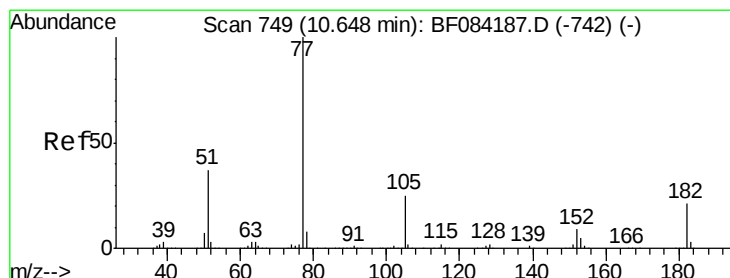
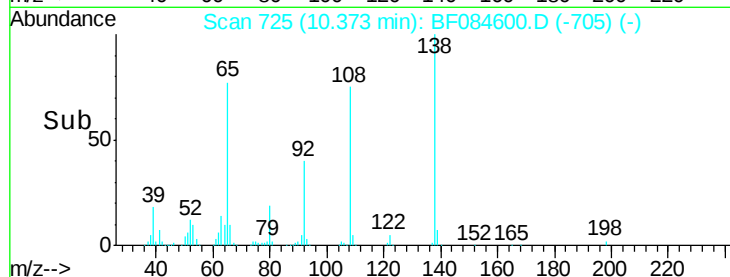
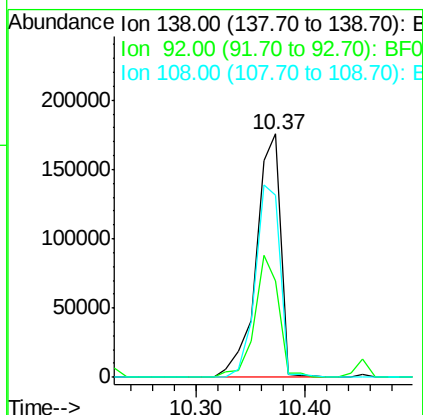
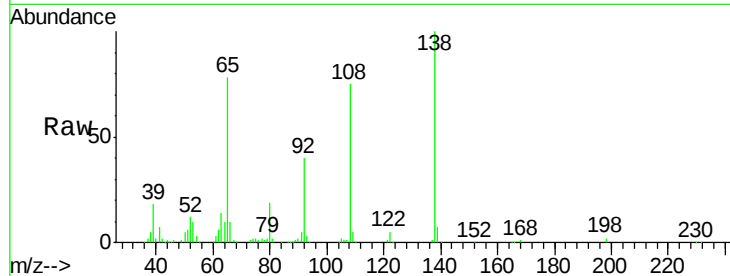
#61
4-Nitroaniline
Concen: 44.83 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.07 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.8	32.6	72.6
108	74.9	68.6	108.6

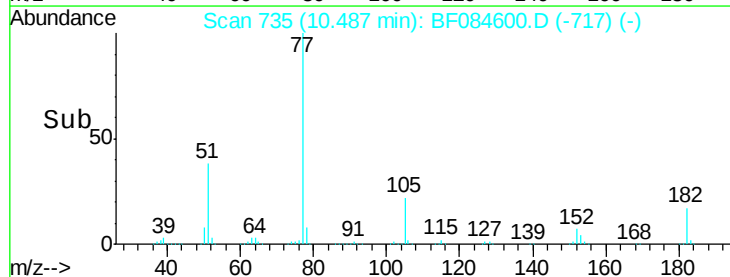
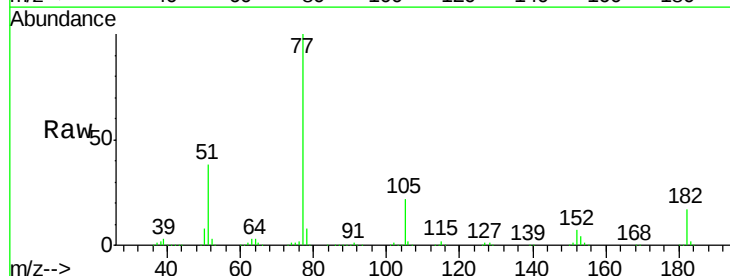
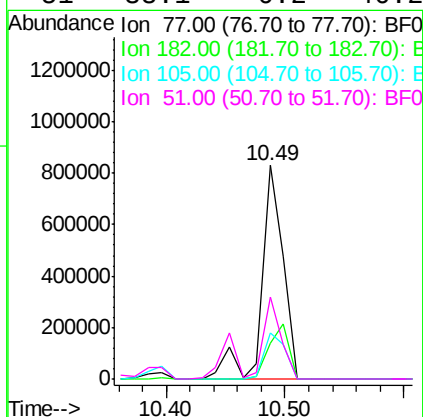
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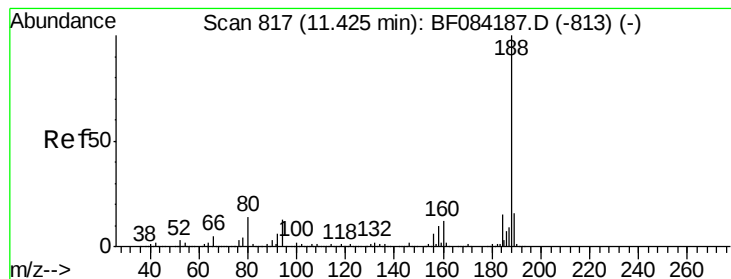
mohammad
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#62
Azobenzene
Concen: 37.94 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.0	8.3	48.3
105	21.7	4.6	44.6
51	38.1	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

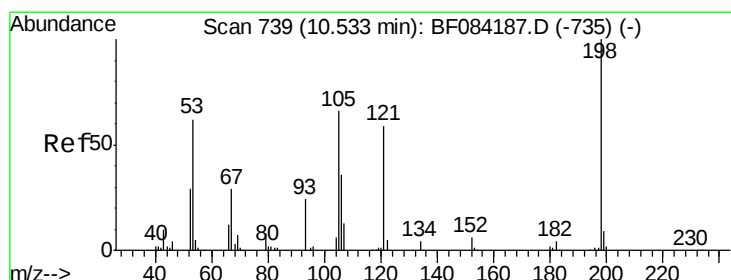
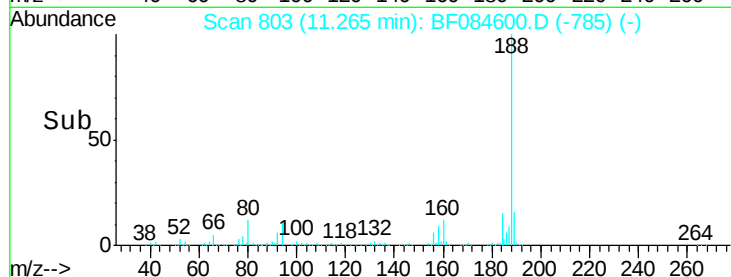
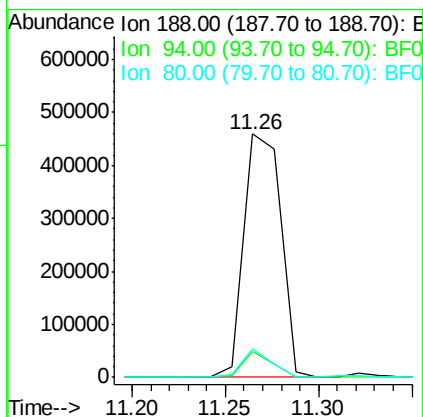
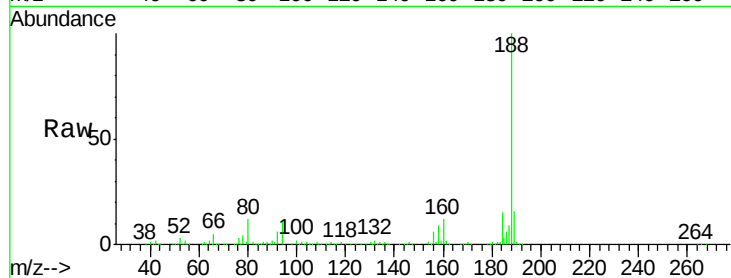
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	632563
Ion Ratio	Lower	Upper	
188	100		
94	10.9	9.0	13.4
80	11.6	9.6	14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 31.42 ng

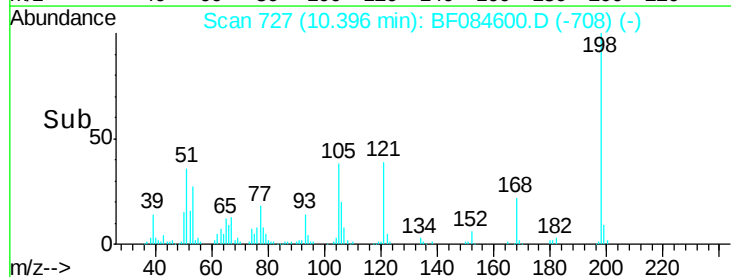
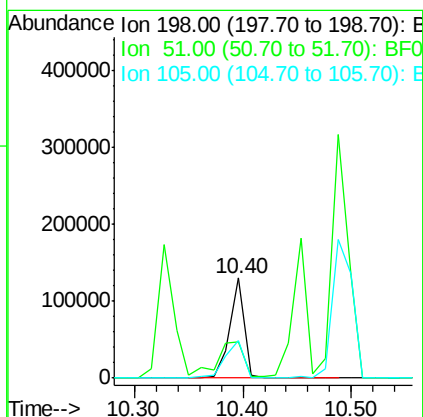
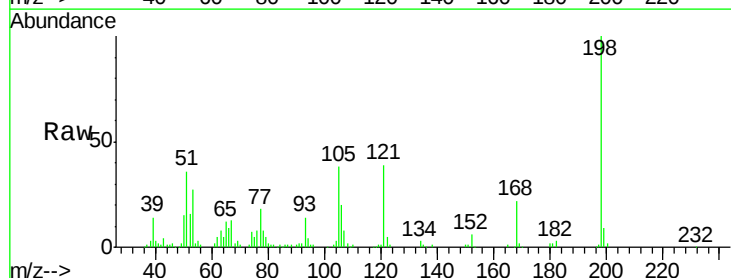
RT: 10.40 min Scan# 727

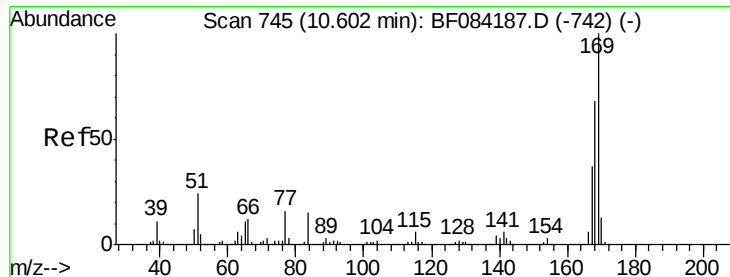
Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	198	Resp:	119904
Ion Ratio	Lower	Upper	
198	100		
51	36.4	18.9	58.9
105	38.0	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 39.11 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

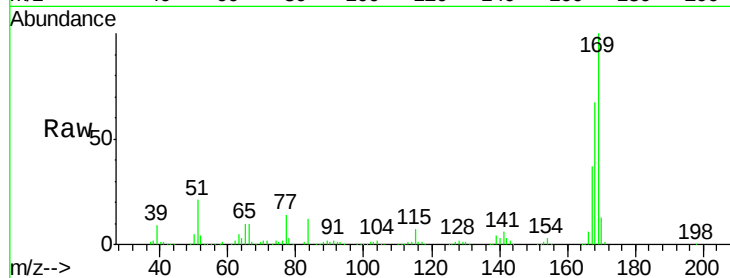
ClientSampleId :

SSTDCCC040EC

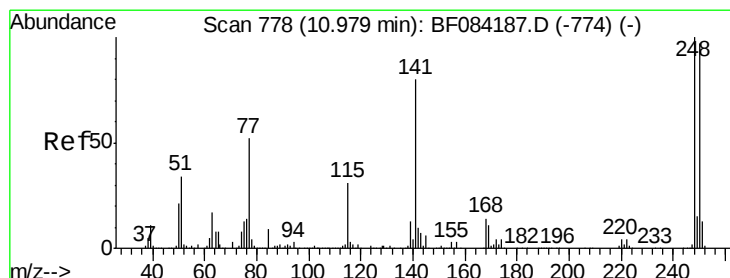
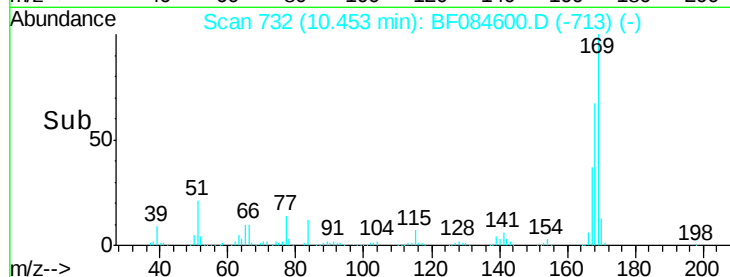
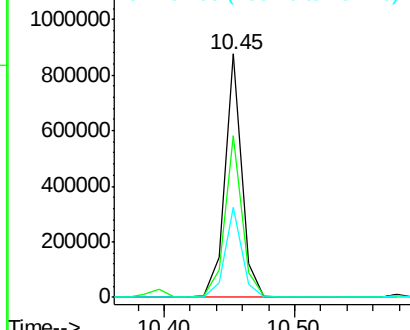
Tot Ion:	169	Resp:	790905
Ion Ratio	Lower	Upper	
169	100		
168	66.6	55.1	82.7
167	36.7	30.0	45.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.24 ng

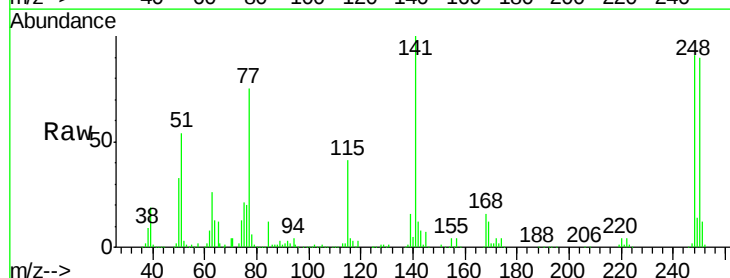
RT: 10.82 min Scan# 764

Delta R.T. -0.09 min

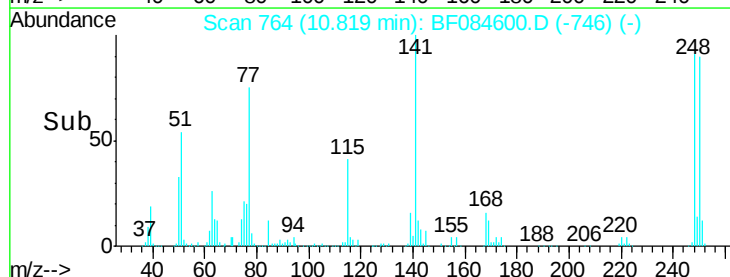
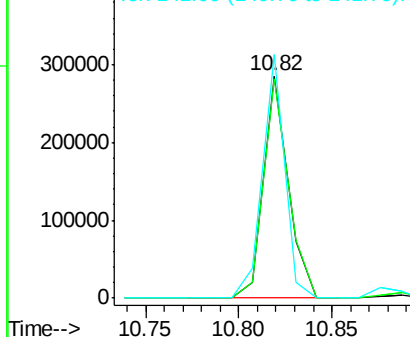
Lab File: BF084600.D

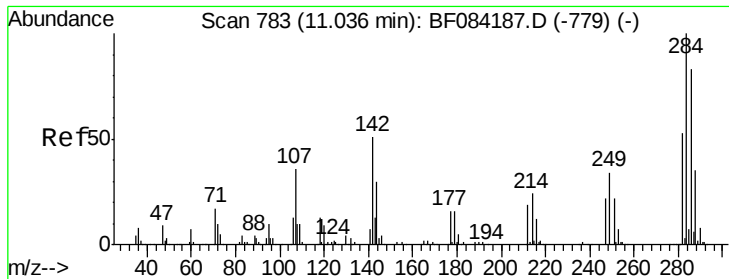
Acq: 22 Jan 2016 20:13

Tgt Ion:	248	Resp:	260332
Ion Ratio	Lower	Upper	
248	100		
250	98.5	78.4	117.6
141	109.6	44.0	66.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





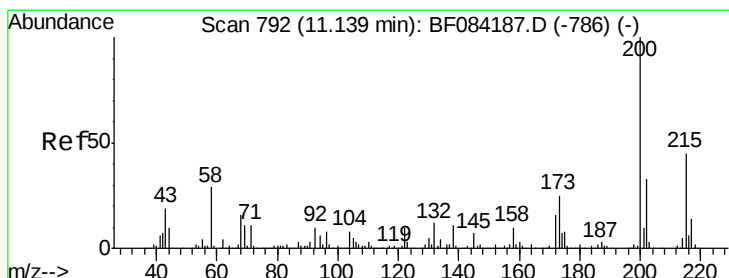
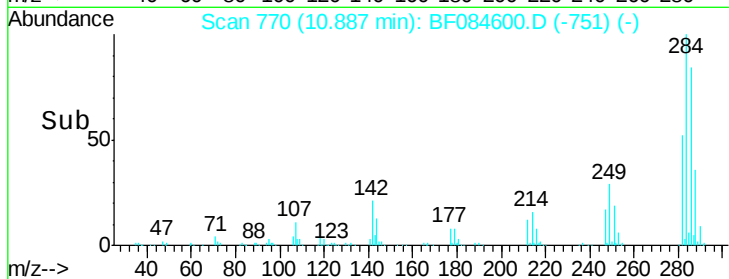
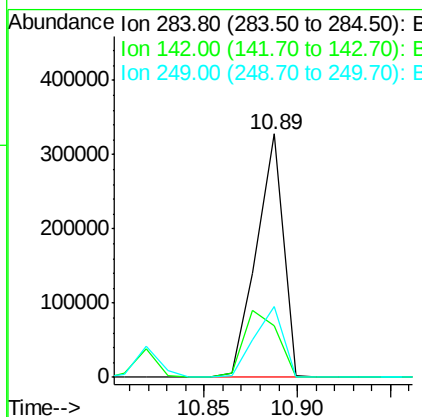
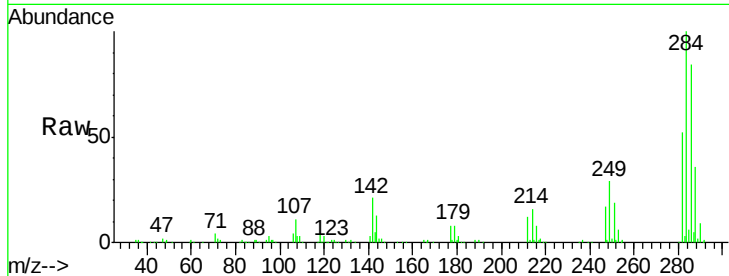
#67
Hexachlorobenzene
Concen: 42.73 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
284	100	327434		
142	21.1	22.2	33.4	#
249	29.1	24.6	37.0	

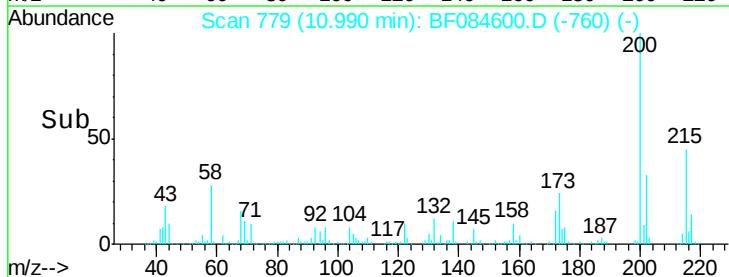
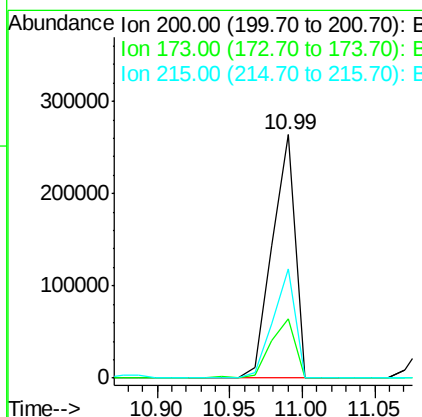
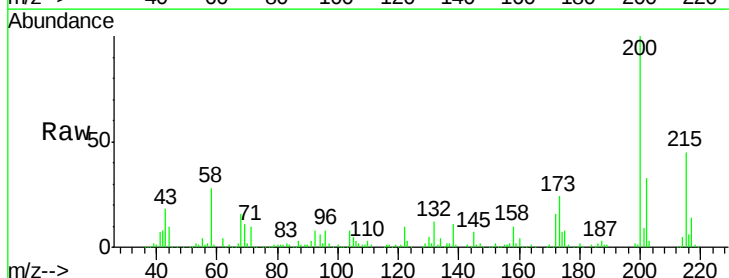
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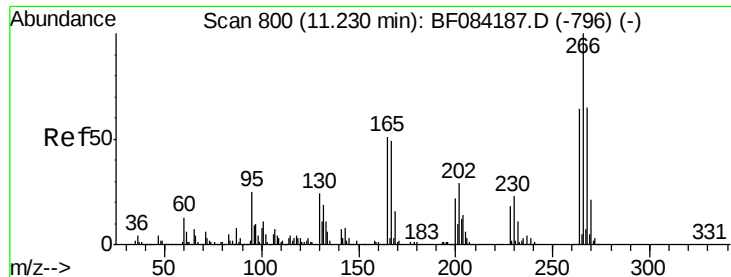
mohammad
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#68
Atrazine
Concen: 43.74 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	289504		
173	24.4	9.5	49.5	
215	44.7	23.8	63.8	





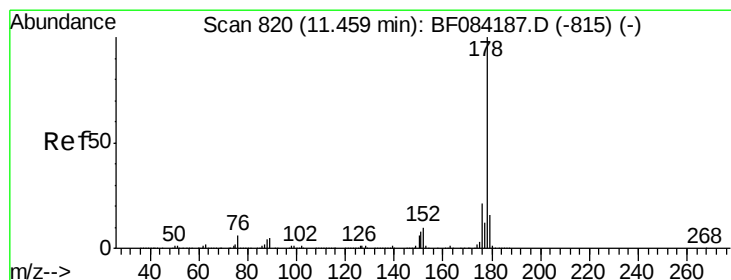
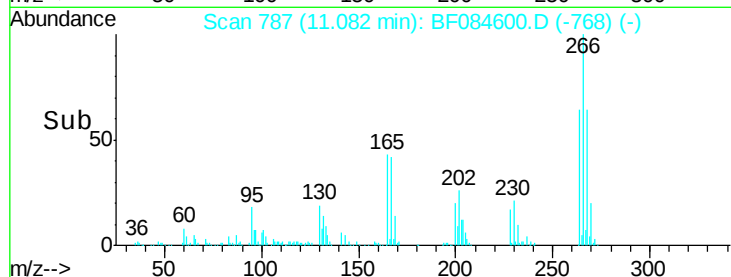
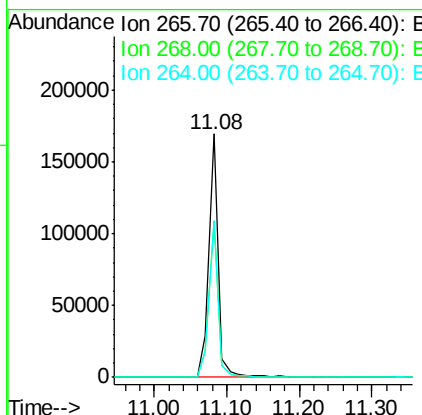
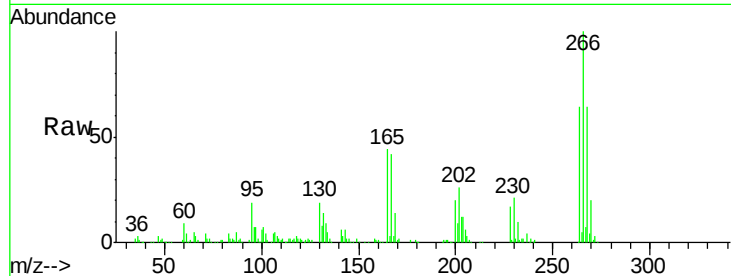
#69
 Pentachlorophenol
 Concen: 38.94 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	154716		
268	64.3	52.4	78.6	
264	64.4	50.2	75.2	

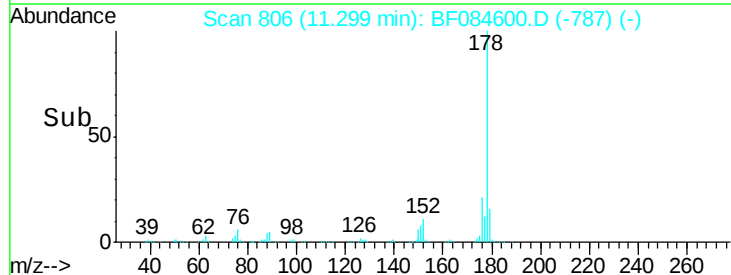
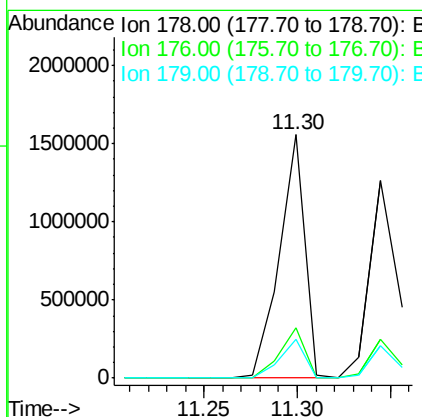
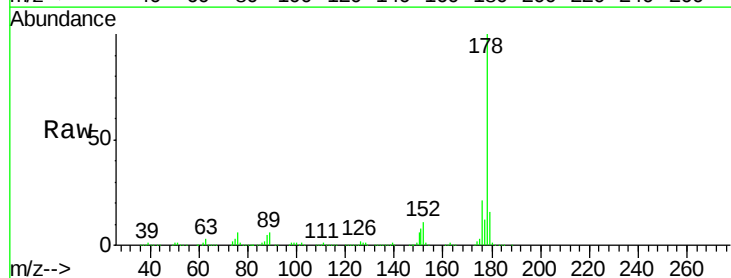
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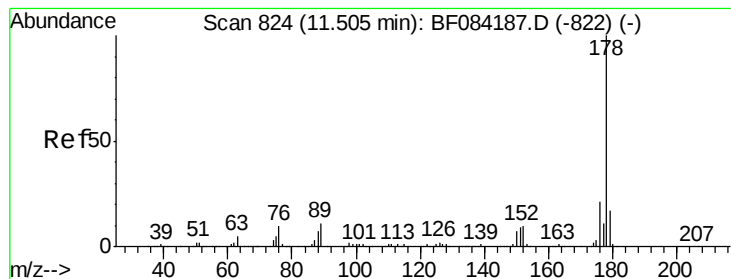
mohammad
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#70
 Phenanthrene
 Concen: 44.65 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1477258		
176	20.7	15.3	22.9	
179	16.2	12.0	18.0	





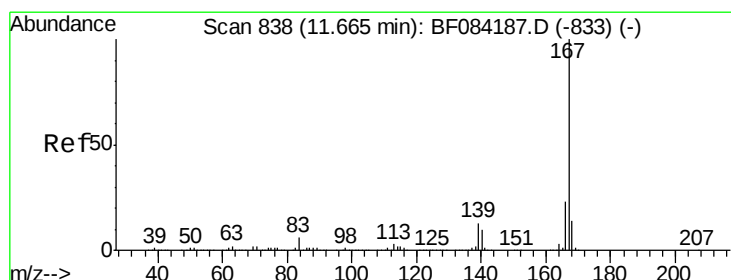
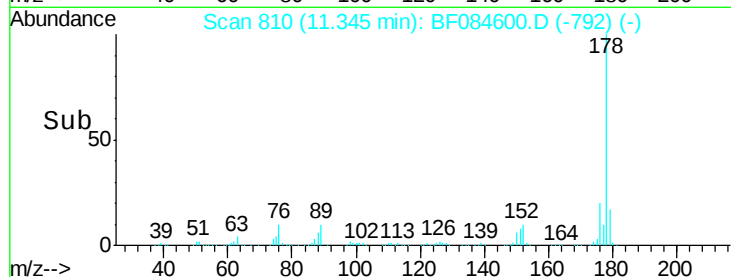
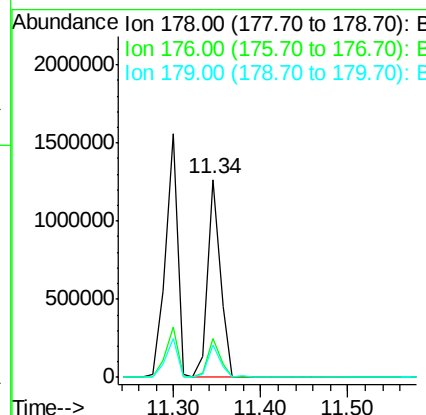
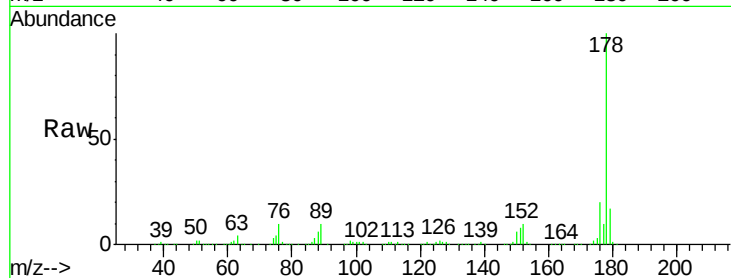
#71
 Anthracene
 Concen: 39.36 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.09 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.7	12.5	18.7

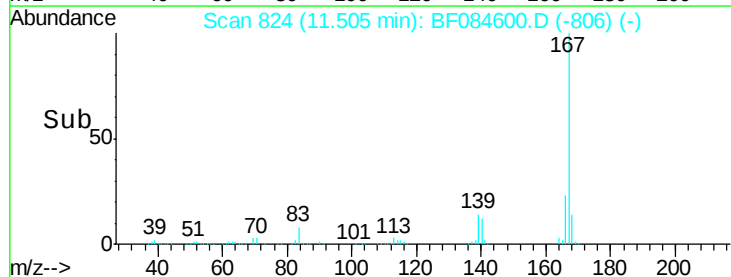
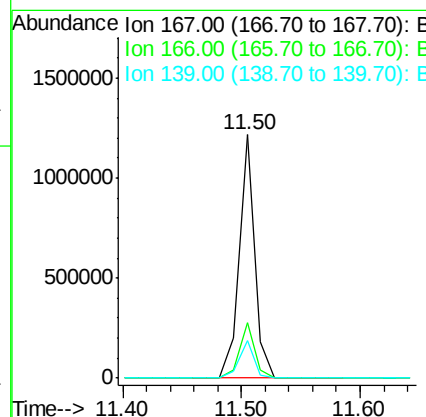
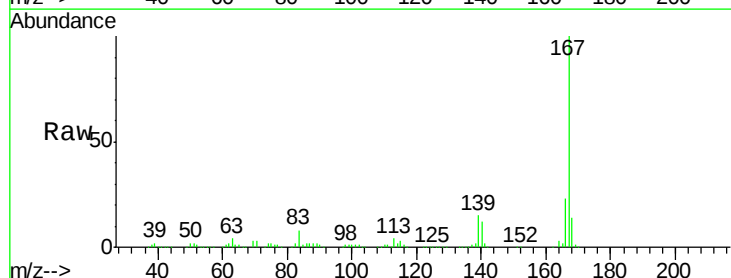
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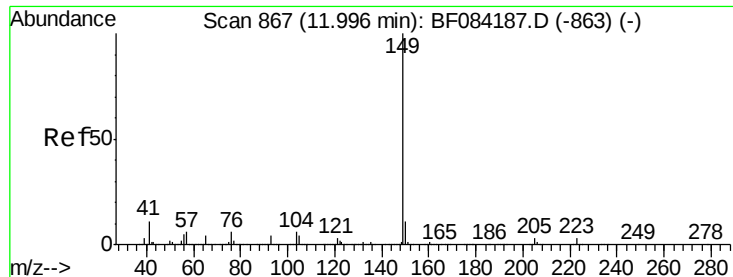
mohammad
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#72
 Carbazole
 Concen: 34.79 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.09 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	15.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 50.36 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.08 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1647267

Ion Ratio Lower Upper

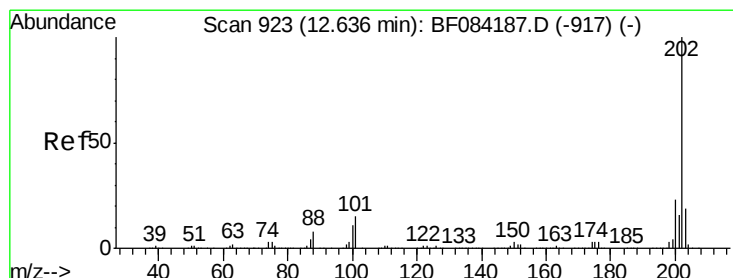
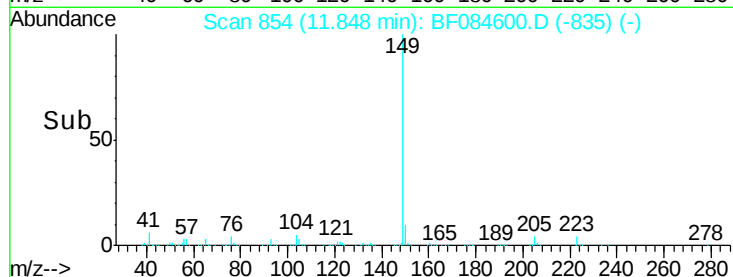
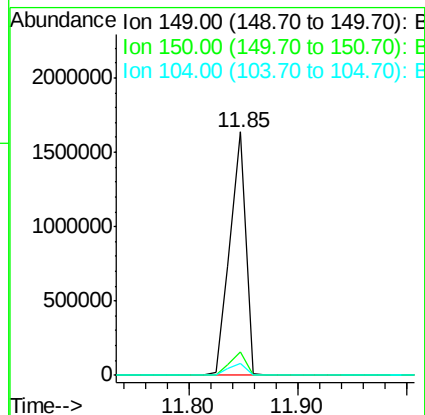
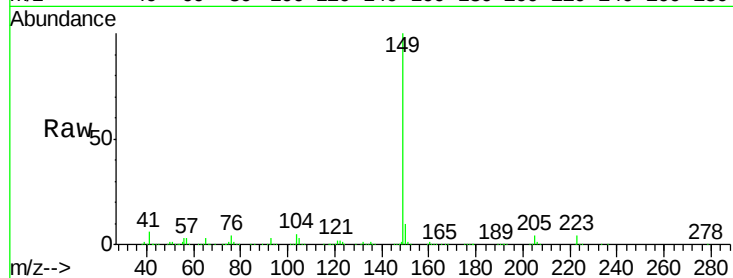
149 100

150 9.7 7.1 10.7

104 4.9 3.2 4.8#

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#74

Fluoranthene

Concen: 35.11 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

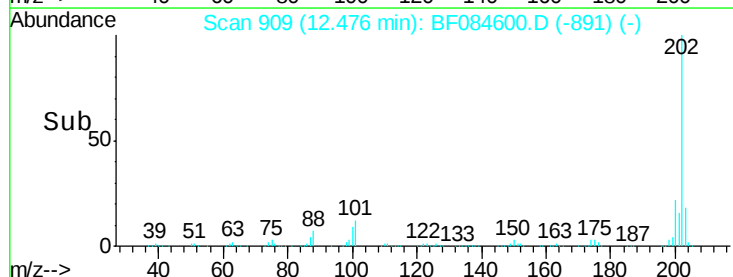
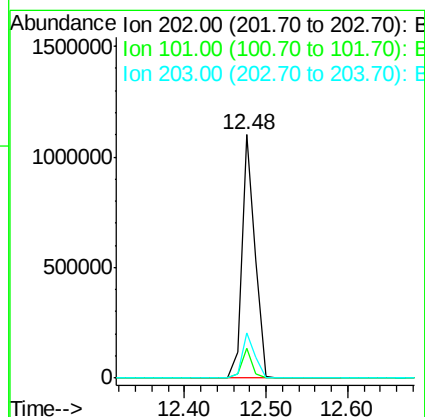
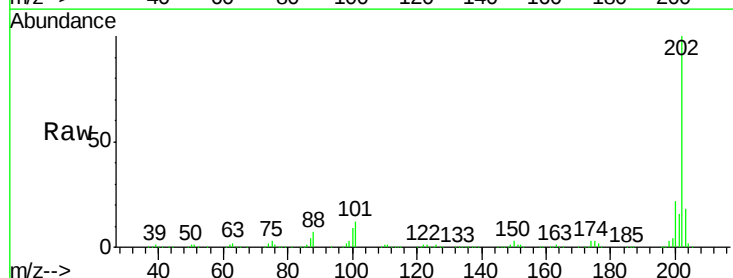
Tgt Ion:202 Resp: 1213563

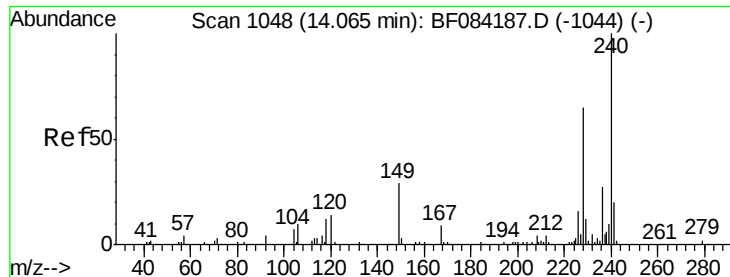
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.8

203 18.4 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

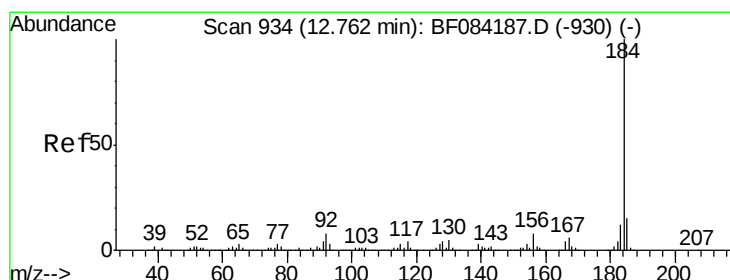
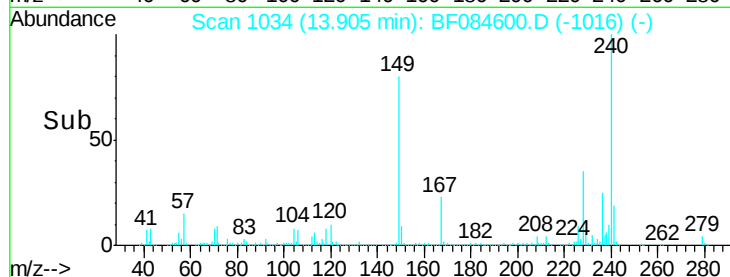
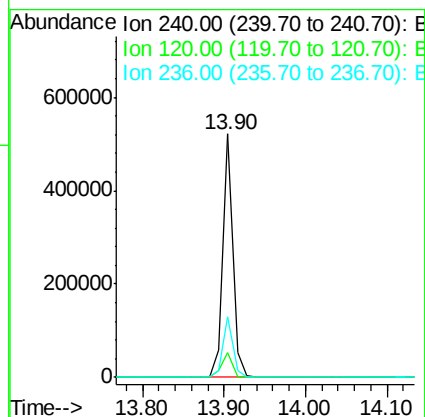
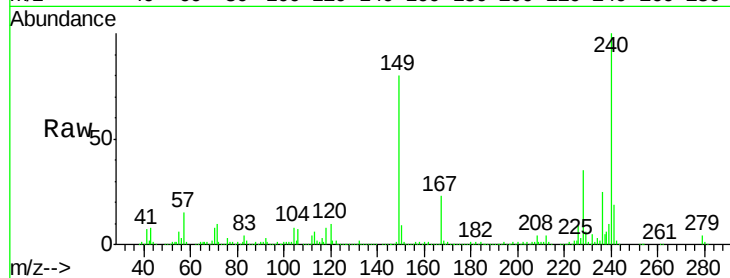
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.1	20.6	31.0

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#76

Benzidine

Concen: 26.94 ng

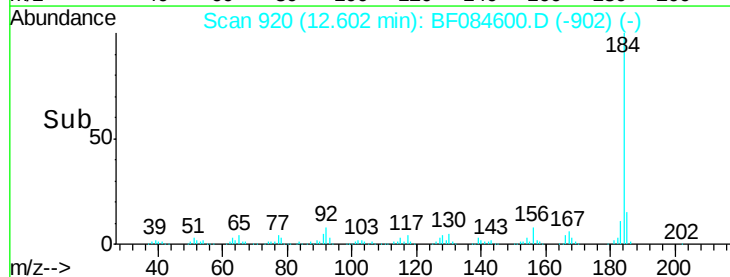
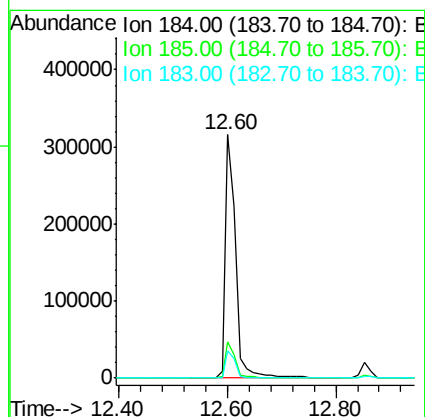
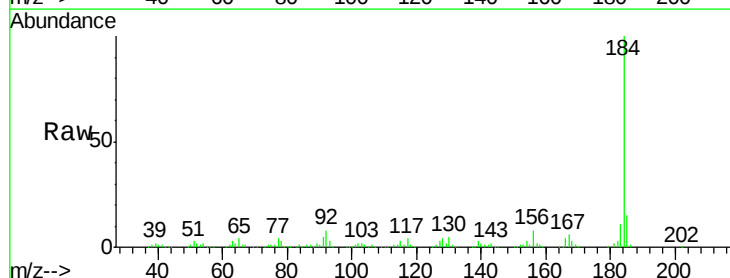
RT: 12.60 min Scan# 920

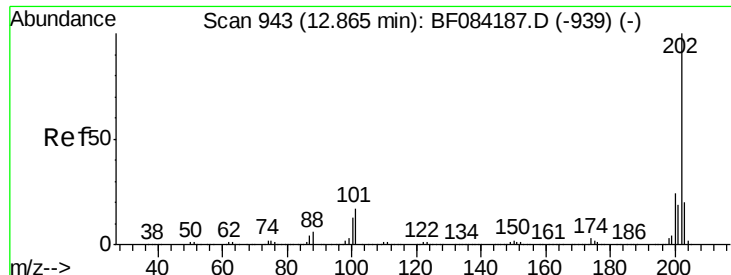
Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.2	9.8	14.8





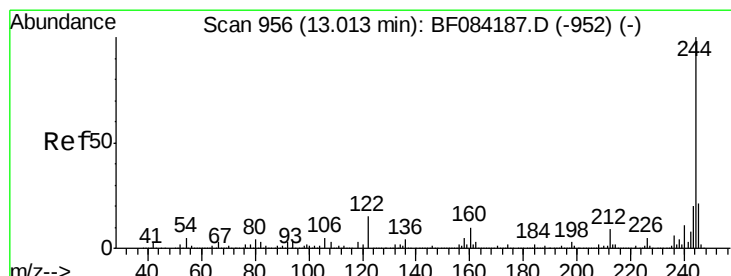
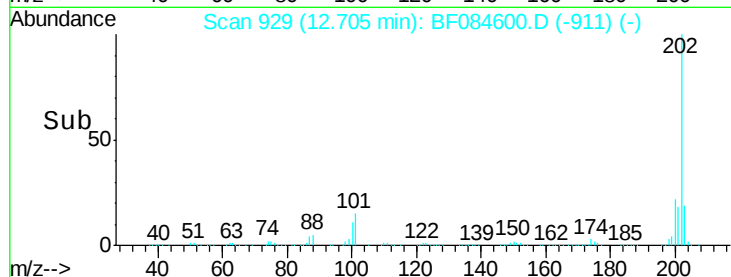
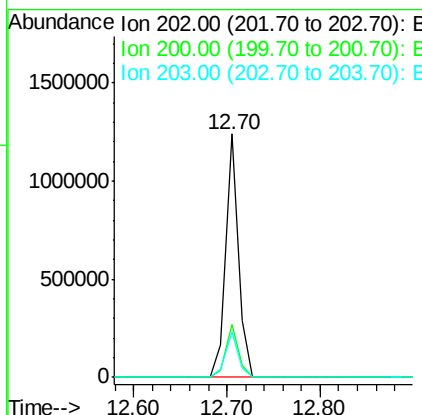
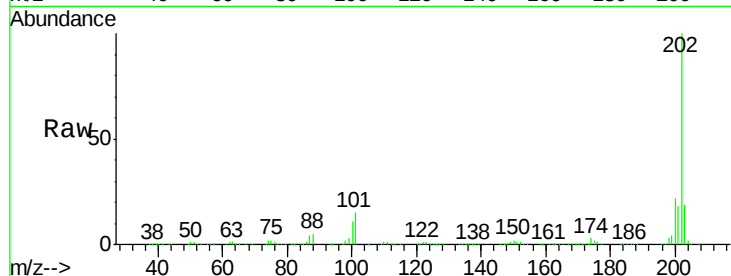
#77
Pvrene
Concen: 33.83 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.2	25.8
203	18.7	14.3	21.5

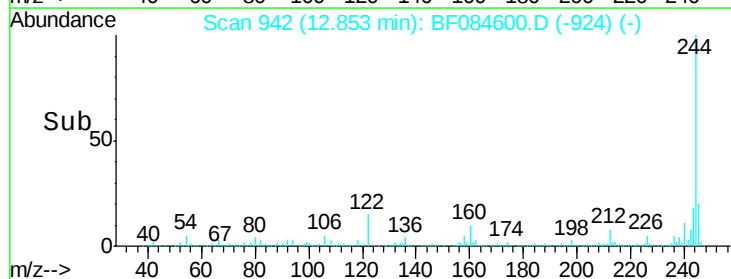
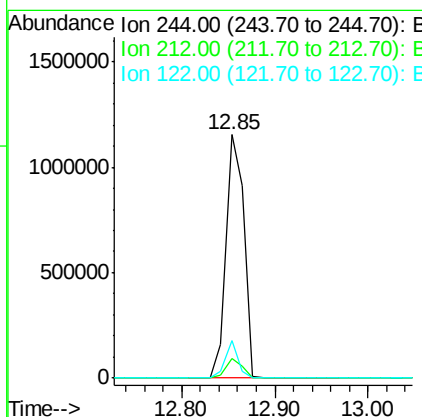
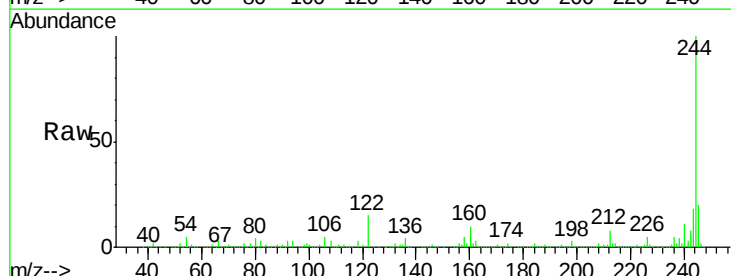
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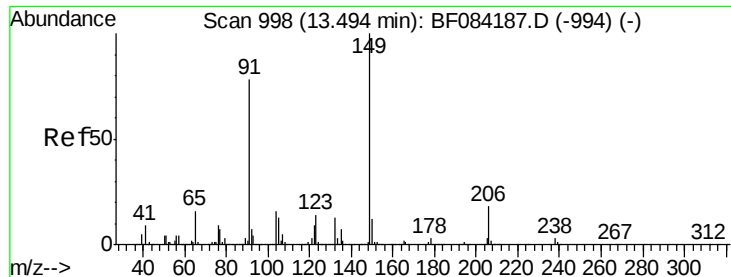
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#78
Terphenyl-d14
Concen: 77.79 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.09 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.7	8.5
122	15.3	7.4	11.0





#79

Butylbenzylphthalate

Concen: 37.75 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.09 min

Lab File: BF084600.D

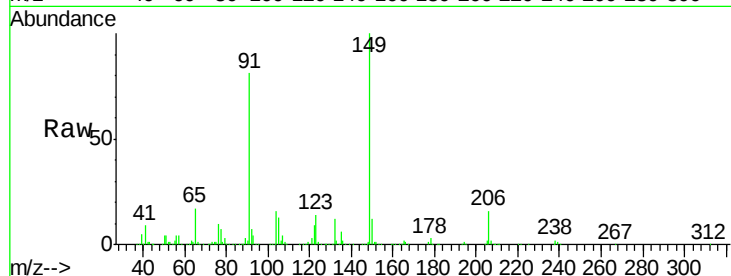
Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

ClientSampleId :

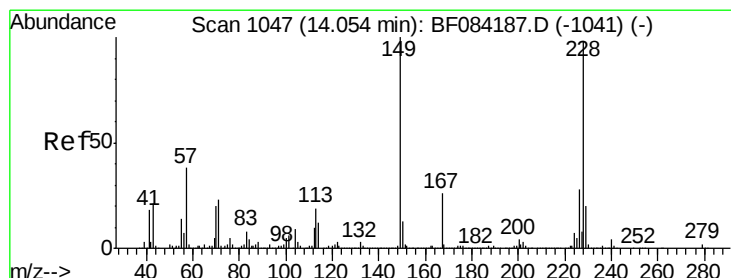
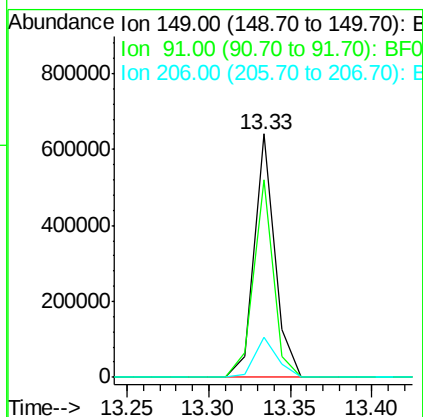
SSTDCCC040EC



Tot Ion:	149	Resp:	565014
Ion Ratio	Lower	Upper	
149	100		
91	81.3	57.6	86.4
206	16.4	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 38.49 ng

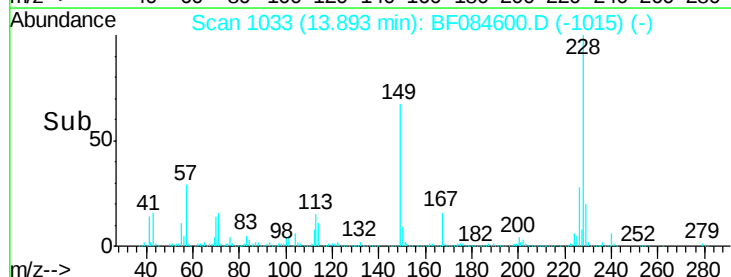
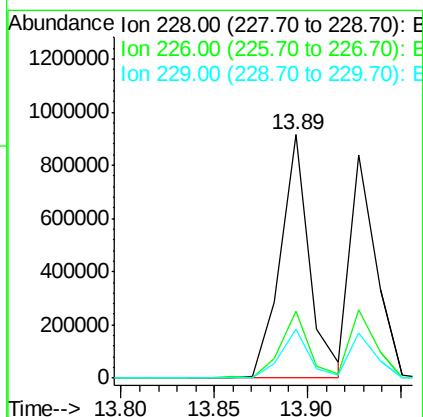
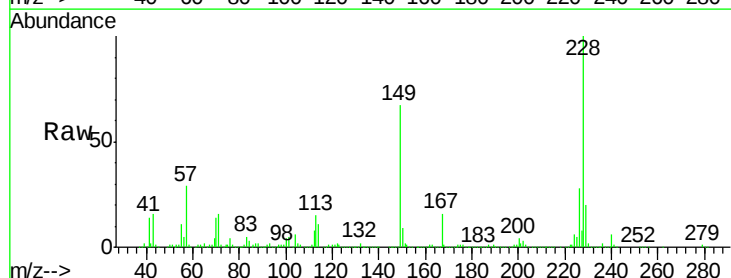
RT: 13.89 min Scan# 1033

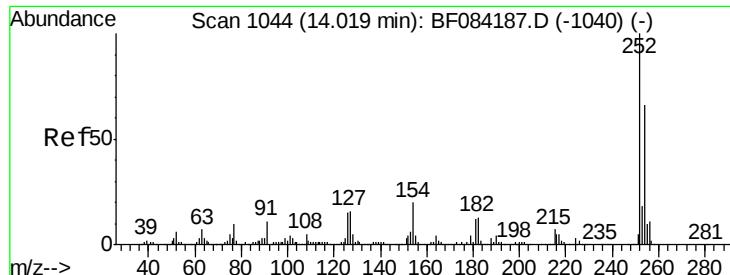
Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	228	Resp:	996072
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.6
229	20.1	15.8	23.8





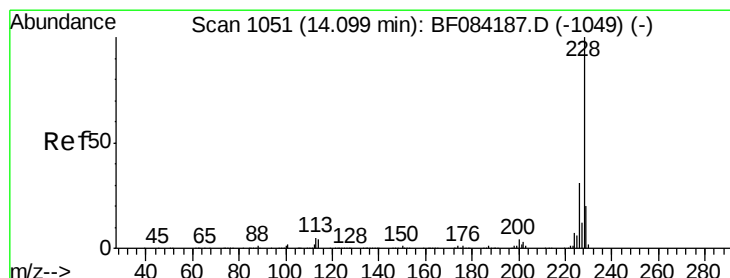
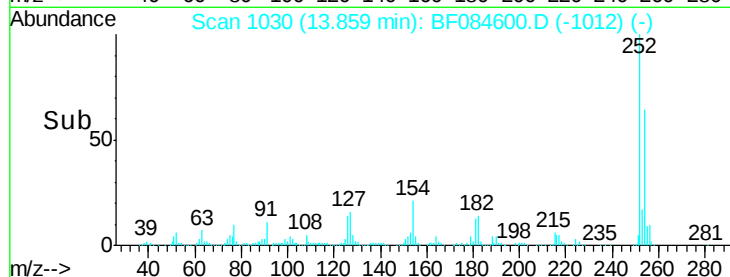
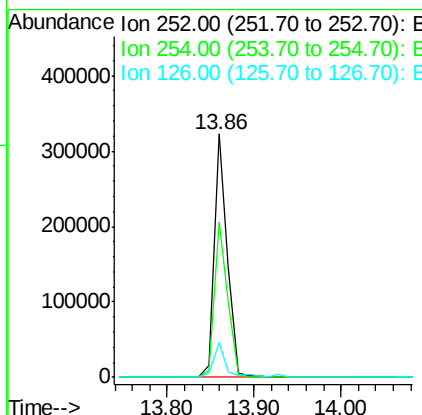
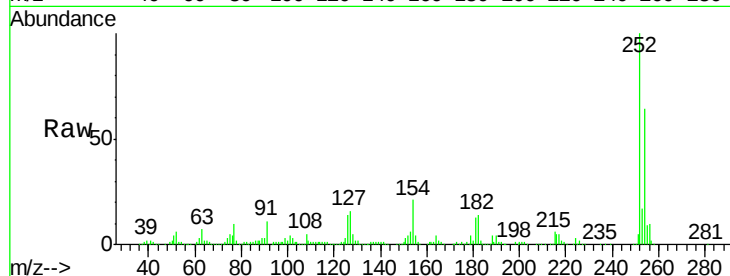
#81
 3,3'-Dichlorobenzidine
 Concen: 37.70 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	53.5	80.3
126	14.3	4.9	7.3#

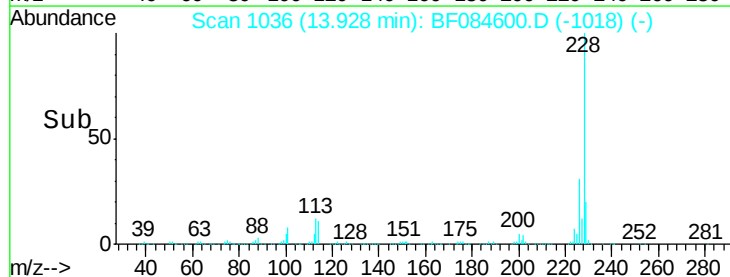
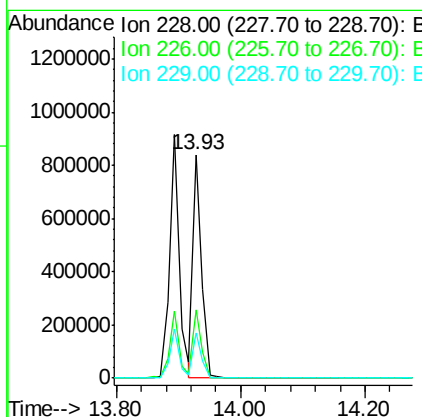
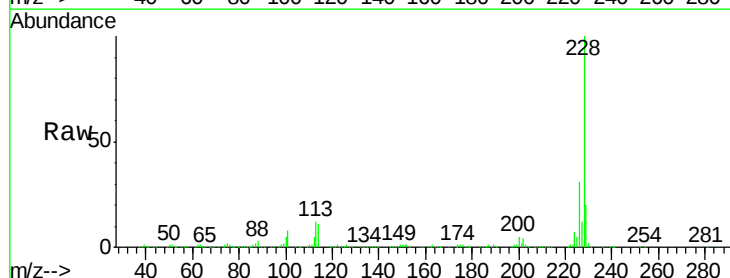
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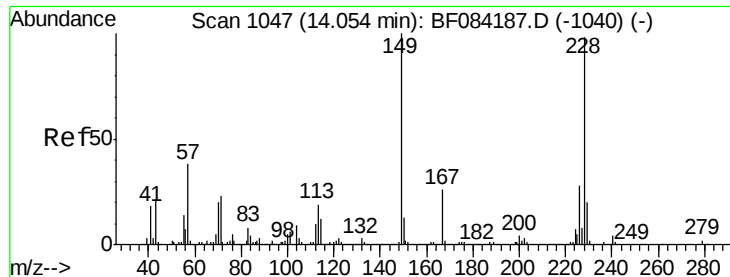
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#82
 Chrysene
 Concen: 33.26 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.09 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.3	36.5
229	20.5	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.72 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

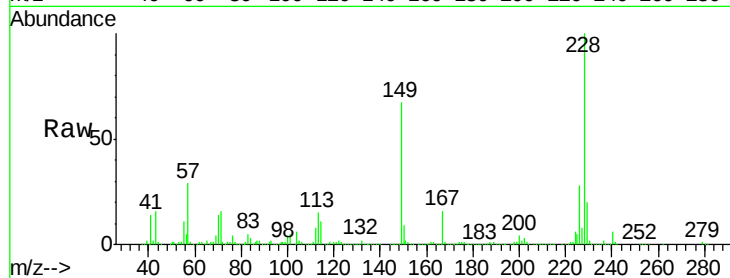
ClientSampleId :

SSTDCCC040EC

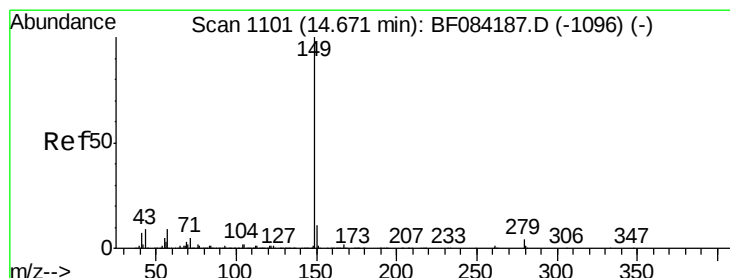
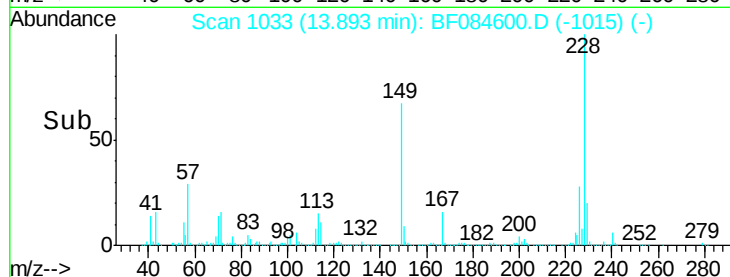
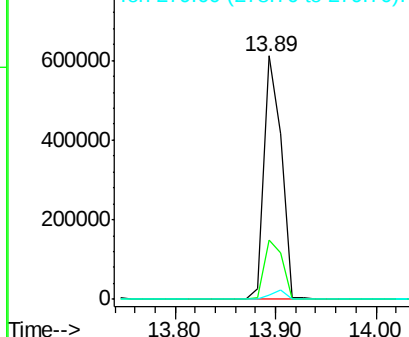
Tot Ion:	149	Resp:	732142
Ion Ratio	Lower	Upper	
149	100		
167	24.3	19.7	29.5
279	2.0	1.8	2.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.59 ng

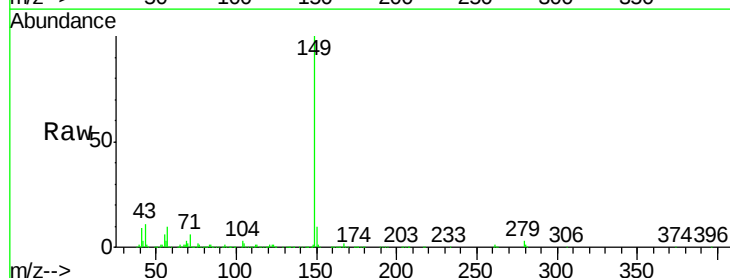
RT: 14.51 min Scan# 1087

Delta R.T. -0.08 min

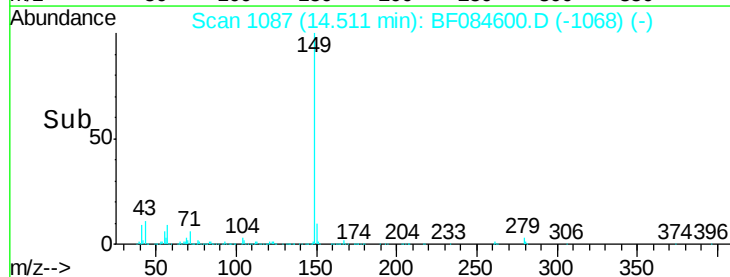
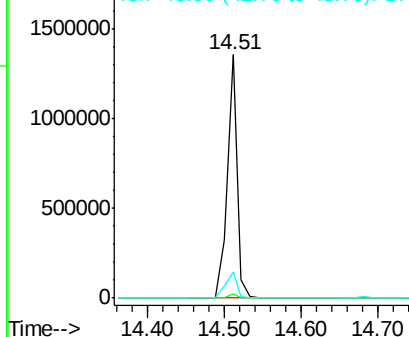
Lab File: BF084600.D

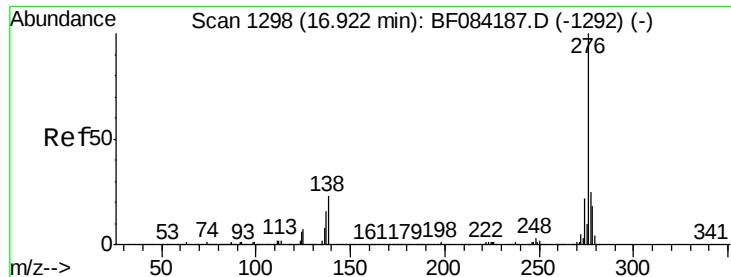
Acq: 22 Jan 2016 20:13

Tgt Ion:	149	Resp:	1231755
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.4	5.6	8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





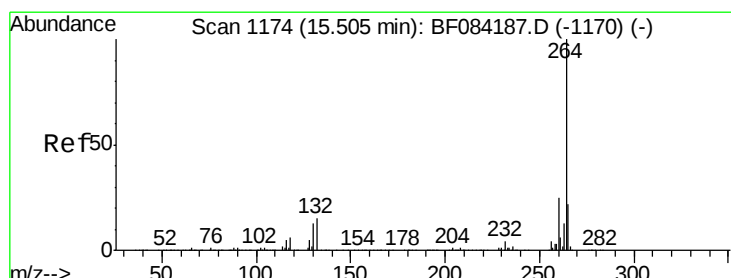
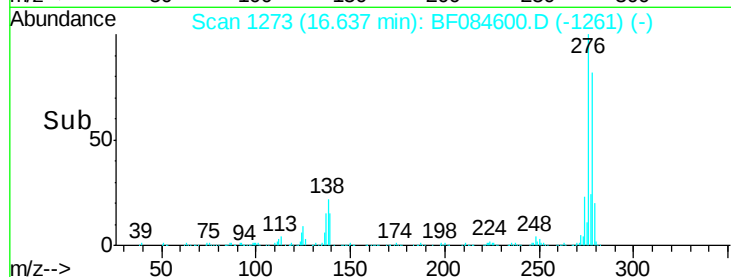
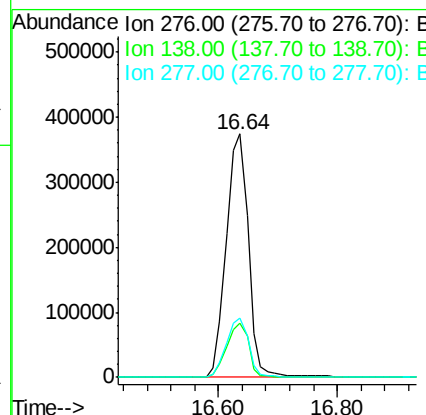
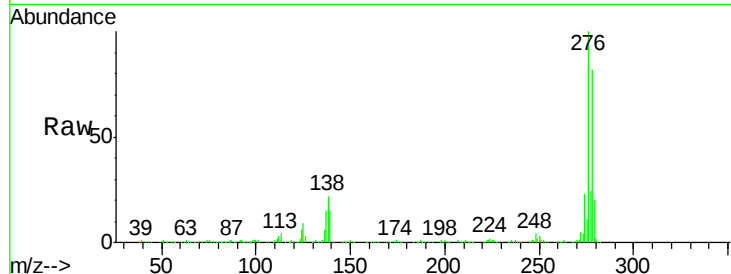
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.39 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.16 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.6	30.8
277	24.7	20.1	30.1

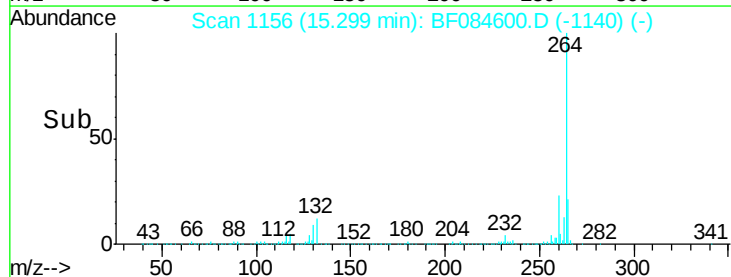
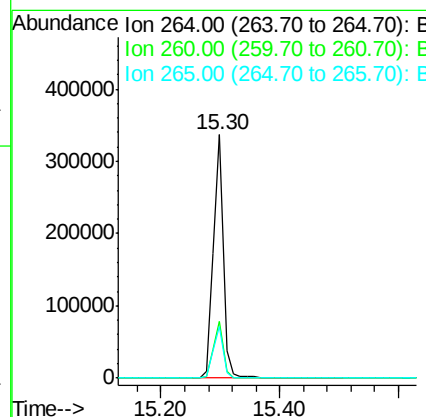
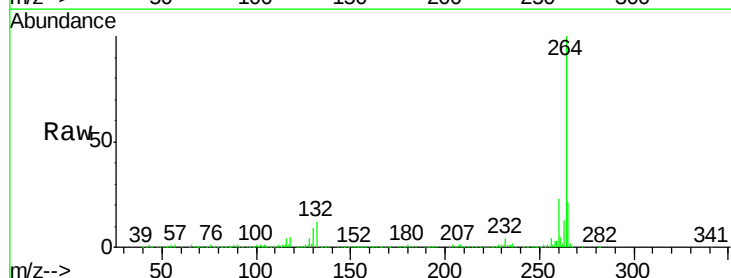
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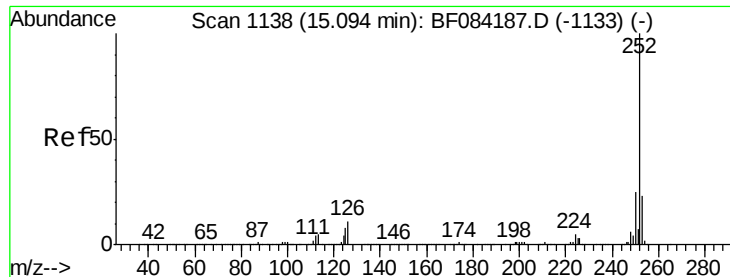
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.11 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 38.22 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.10 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Instrument :

BNA_F

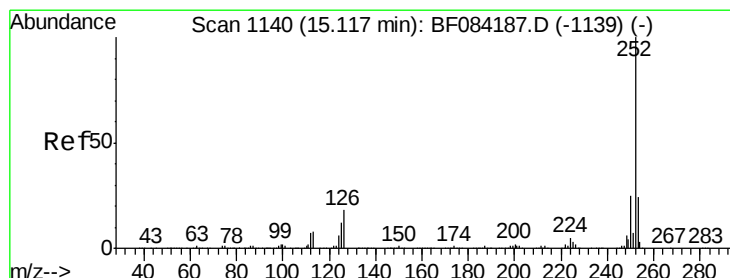
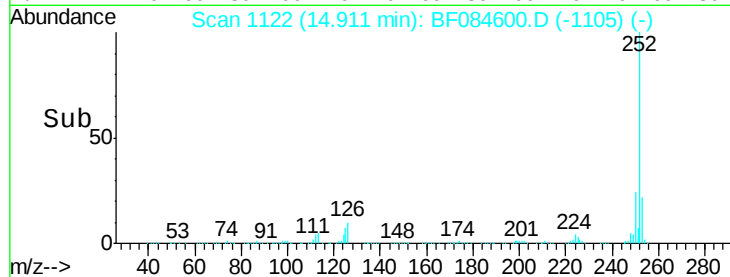
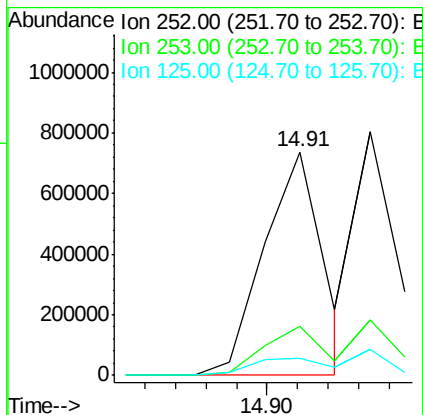
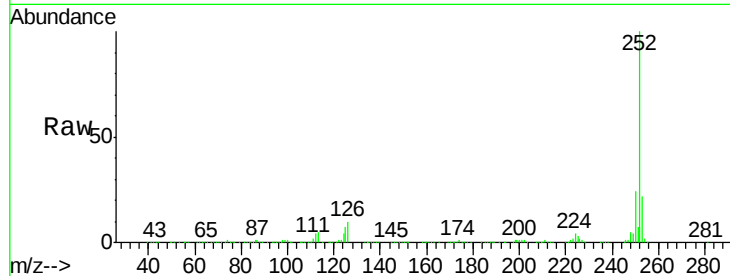
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	984117
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.3	25.9
125	7.4	6.5	9.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 36.55 ng m

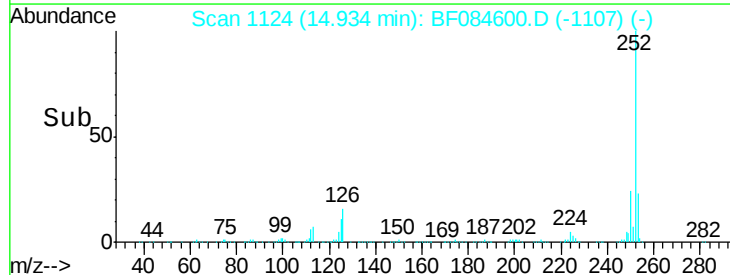
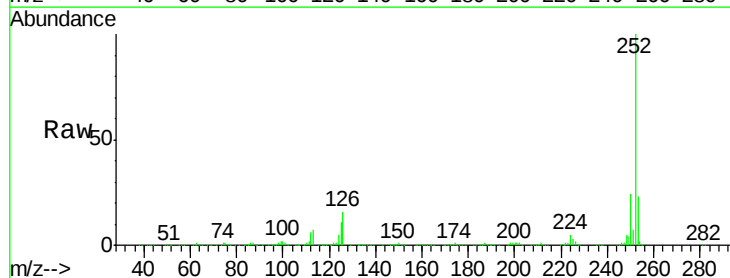
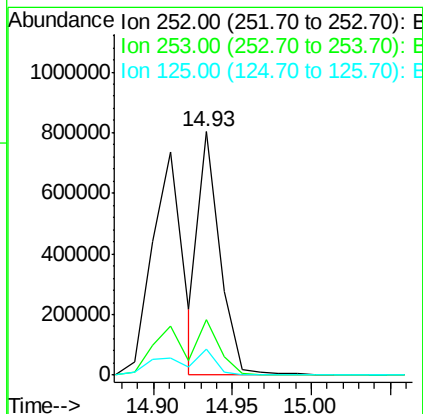
RT: 14.93 min Scan# 1124

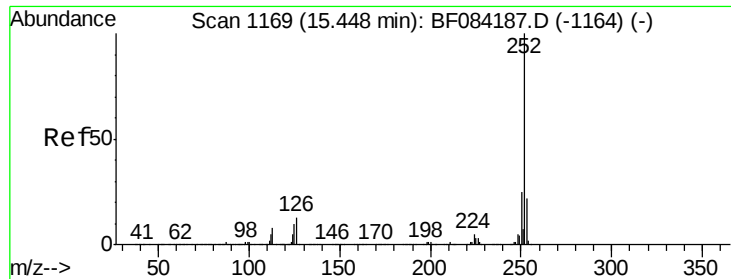
Delta R.T. -0.10 min

Lab File: BF084600.D

Acq: 22 Jan 2016 20:13

Tgt Ion:	252	Resp:	769684
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	10.7	9.0	13.6





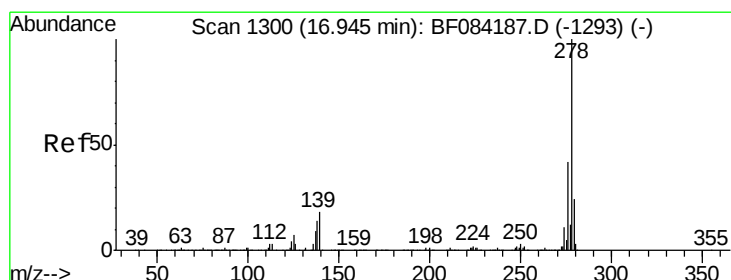
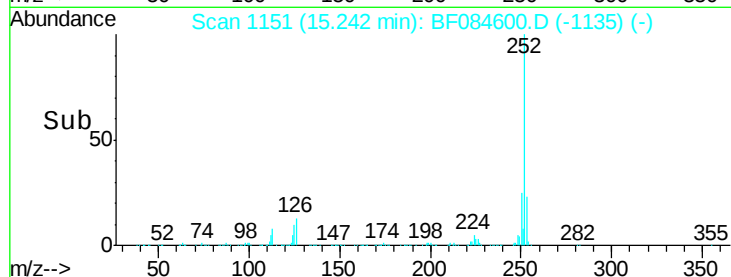
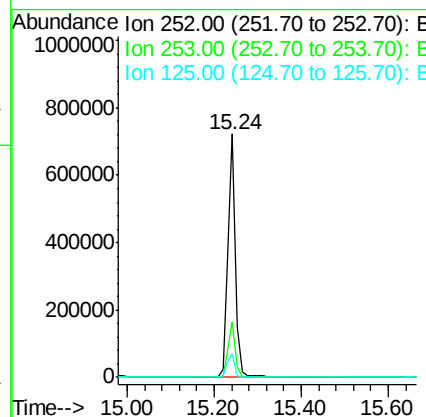
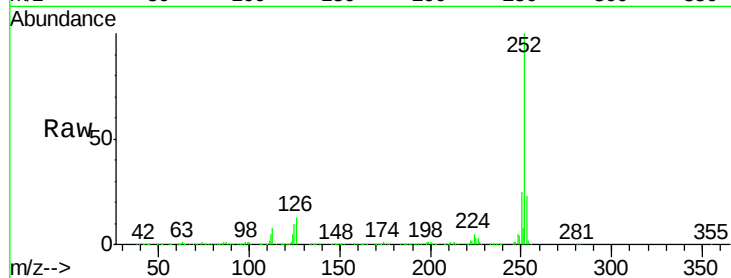
#89
Benzo(a)pyrene
Concen: 39.52 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	9.7	7.0	10.4

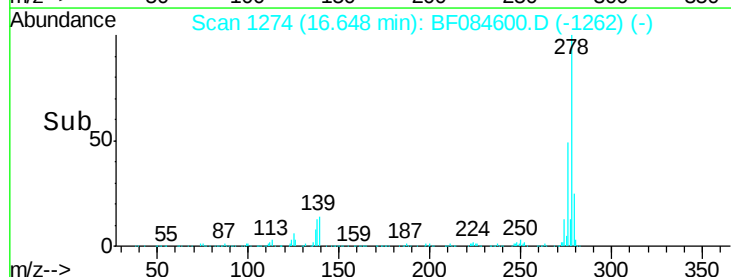
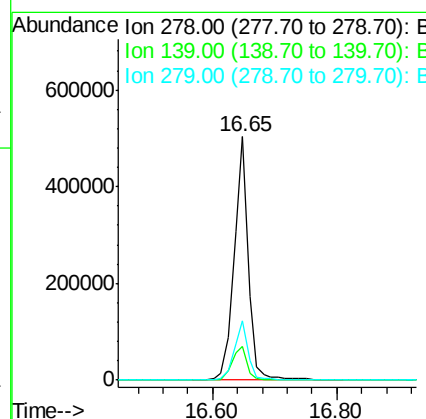
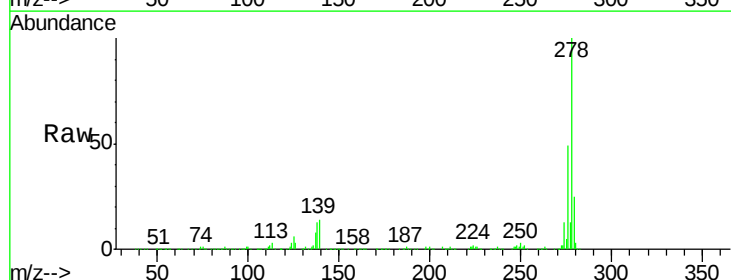
Manual Integrations
APPROVED

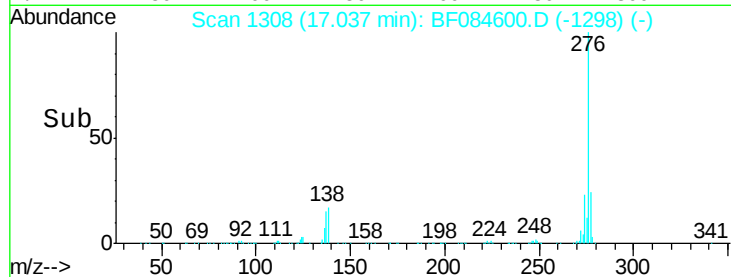
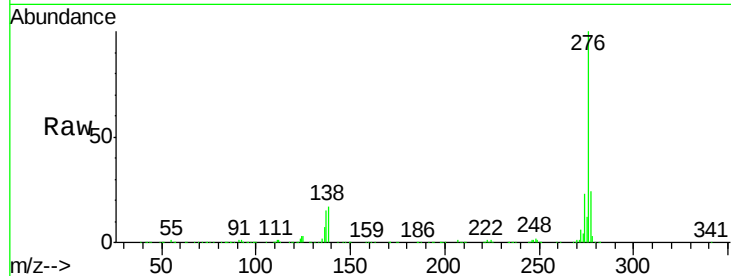
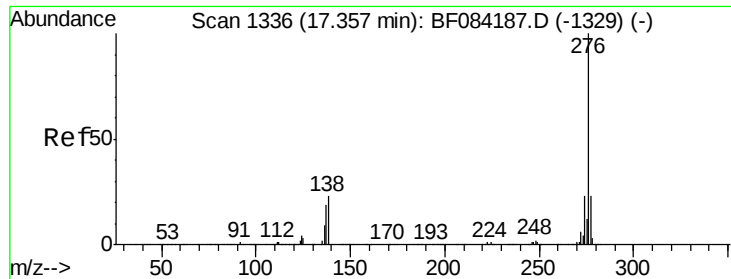
mohammad
1/25/2016 2:59:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.55 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.16 min
Lab File: BF084600.D
Acq: 22 Jan 2016 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.0	22.4#
279	24.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 41.20 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.18 min
 Lab File: BF084600.D
 Acq: 22 Jan 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	17.1	17.8	26.6#

Manual Integrations
 APPROVED

mohammad
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