

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
 Data File : BF084622.D
 Acq On : 27 Jan 2016 15:50
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 1/28/2016 2:21:51 PM

Quant Time: Jan 27 18:12:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	291375	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1238854	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	472139	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	864488	20.00	ng	0.00
75) Chrysene-d12	13.91	240	676053	20.00	ng	0.01
86) Perylene-d12	15.29	264	621070	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1447842	80.37	ng	0.00
7) Phenol-d6	6.40	99	1662953	73.50	ng	0.00
23) Nitrobenzene-d5	7.31	82	1736825	78.03	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	429531	90.11	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	2881645	109.17	ng	0.01
78) Terphenyl-d14	12.85	244	2485058	82.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	306839	35.96	ng	# 75
3) Pyridine	2.92	79	870504	36.59	ng	# 74
4) n-Nitrosodimethylamine	2.89	42	454133	37.19	ng	79
6) Aniline	6.41	93	1145641	34.61	ng	# 59
8) 2-Chlorophenol	6.53	128	815629	39.91	ng	91
9) Benzaldehyde	6.28	77	487014	33.06	ng	99
10) Phenol	6.41	94	921746	35.83	ng	# 69
11) bis(2-Chloroethyl)ether	6.49	93	807134	40.50	ng	88
12) 1,3-Dichlorobenzene	6.68	146	859061	40.75	ng	98
13) 1,4-Dichlorobenzene	6.76	146	847184m	40.07	ng	
14) 1,2-Dichlorobenzene	6.91	146	715662	35.35	ng	97
15) Benzyl Alcohol	6.90	79	703696	36.97	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1263126	34.81	ng	94
17) 2-Methylphenol	7.01	107	624943	36.48	ng	# 93
18) Hexachloroethane	7.25	117	344845	40.79	ng	98
19) n-Nitroso-di-n-propylamine	7.17	70	535433	34.96	ng	# 78
20) 3+4-Methylphenols	7.17	107	761840	37.84	ng	# 83
22) Acetophenone	7.16	105	1123485	37.71	ng	# 97
24) Nitrobenzene	7.33	77	813924	36.05	ng	96
25) Isophorone	7.58	82	1652612	38.82	ng	97
26) 2-Nitrophenol	7.65	139	455288	44.31	ng	89
27) 2,4-Dimethylphenol	7.70	122	727845	35.00	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	970083	37.31	ng	98
29) 2,4-Dichlorophenol	7.89	162	624109	36.02	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	719399	40.22	ng	# 96
31) Naphthalene	8.05	128	2287707	40.70	ng	98
32) Benzoic acid	7.86	122	560952	42.72	ng	93
33) 4-Chloroaniline	8.11	127	1086275	42.16	ng	94
34) Hexachlorobutadiene	8.17	225	373922	36.37	ng	98
35) Caprolactam	8.51	113	241471	41.35	ng	# 55
36) 4-Chloro-3-methylphenol	8.60	107	711336	36.66	ng	93
37) 2-Methylnaphthalene	8.74	142	1433884	35.54	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	696568	51.32	ng	99
40) Hexachlorocyclopentadiene	8.90	237	376197	45.91	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	451494	44.46	ng	95
43) 2,4,5-Trichlorophenol	9.07	196	481571	49.47	ng #	88
45) 1,1'-Biphenyl	9.21	154	1646282	43.87	ng	99
46) 2-Chloronaphthalene	9.23	162	1291296	43.81	ng	96
47) 2-Nitroaniline	9.33	65	500752	51.47	ng	95
48) Acenaphthylene	9.64	152	1594078	36.61	ng	97
49) Dimethylphthalate	9.53	163	1816590	53.82	ng #	91
50) 2,6-Dinitrotoluene	9.58	165	426379	57.60	ng	91
51) Acenaphthene	9.81	154	1191055	40.78	ng	98
52) 3-Nitroaniline	9.74	138	376206	41.01	ng	99
53) 2,4-Dinitrophenol	9.85	184	176627	57.08	ng #	69
54) Dibenzofuran	9.98	168	1421894	37.06	ng #	88
55) 4-Nitrophenol	9.93	139	316719	47.57	ng	97
56) 2,4-Dinitrotoluene	9.98	165	450546	48.09	ng #	86
57) Fluorene	10.33	166	1102936	37.29	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	358330	43.11	ng	95
59) Diethylphthalate	10.21	149	1297562	38.99	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	639753	53.29	ng	93
61) 4-Nitroaniline	10.37	138	372351	45.54	ng	87
62) Azobenzene	10.49	77	1509935	41.37	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	250993	47.93	ng	72
65) n-Nitrosodiphenylamine	10.45	169	1149894	41.60	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	392515	42.18	ng #	68
67) Hexachlorobenzene	10.88	284	462628	44.17	ng	95
68) Atrazine	10.98	200	325578	35.99	ng	97
69) Pentachlorophenol	11.07	266	240639	44.31	ng	98
70) Phenanthrene	11.29	178	1775000	39.25	ng	96
71) Anthracene	11.35	178	1951438	44.02	ng	99
72) Carbazole	11.49	167	1611447	37.19	ng	98
73) Di-n-butylphthalate	11.84	149	2152242	47.35	ng #	96
74) Fluoranthene	12.48	202	2010774	42.57	ng	92
76) Benzidine	12.60	184	912536	37.65	ng	98
77) Pyrene	12.71	202	2039847	38.45	ng	99
79) Butylbenzylphthalate	13.32	149	937207	40.82	ng #	85
80) Benzo(a)anthracene	13.88	228	1679232	42.30	ng	98
81) 3,3'-Dichlorobenzidine	13.86	252	642118	46.35	ng #	98
82) Chrysene	13.93	228	1665209	43.65	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	1267251	43.69	ng #	94
84) Di-n-octyl phthalate	14.50	149	1973143	40.30	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.61	276	1301505	43.04	ng	96
87) Benzo(b)fluoranthene	14.90	252	1525506	37.55	ng	98
88) Benzo(k)fluoranthene	14.93	252	1430475m	43.05	ng	
89) Benzo(a)pyrene	15.23	252	1337408	38.81	ng #	97
90) Dibenzo(a,h)anthracene	16.63	278	1058513	35.70	ng	96
91) Benzo(g,h,i)perylene	17.01	276	1396162	45.47	ng	98

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

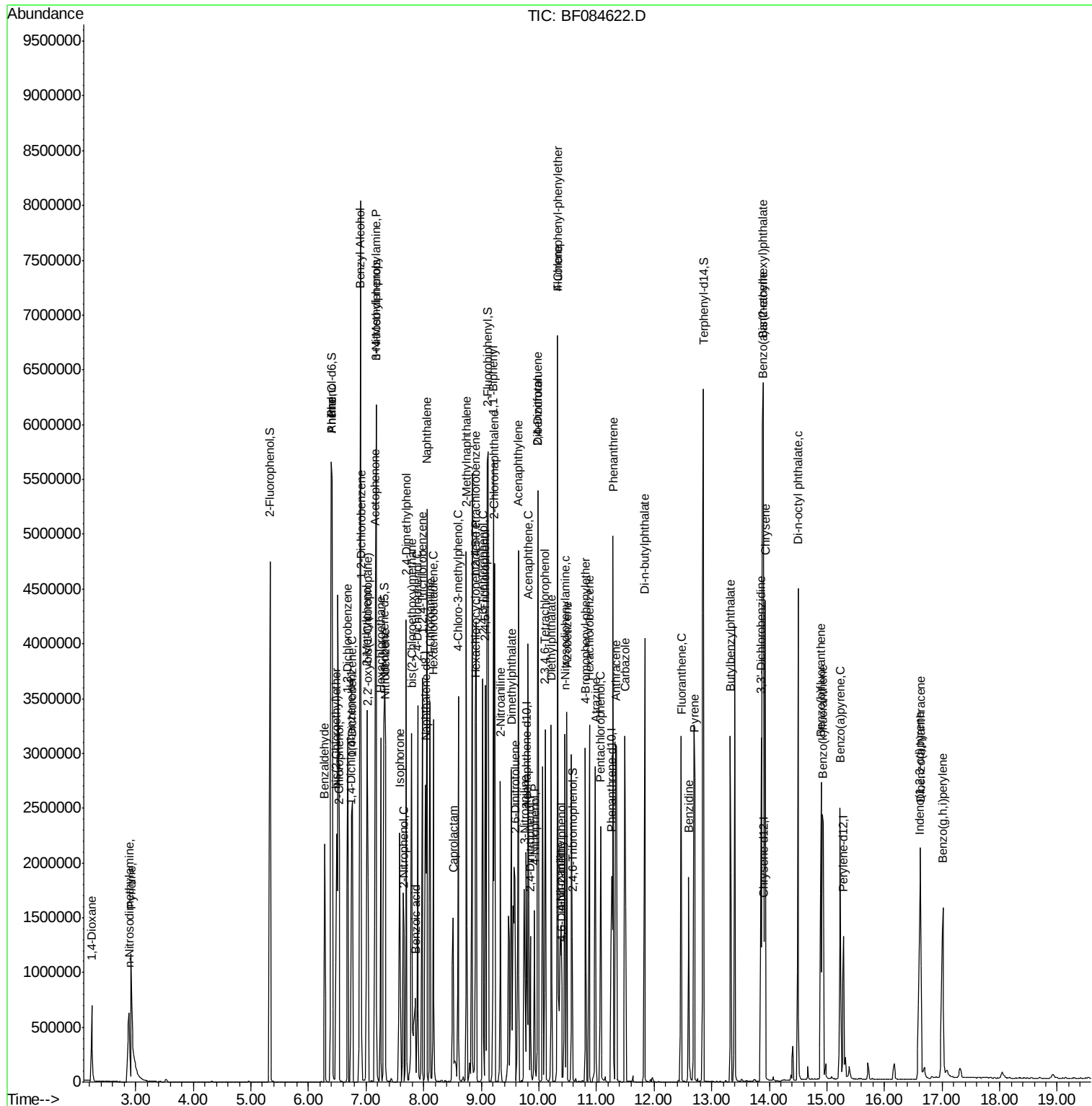
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
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#1

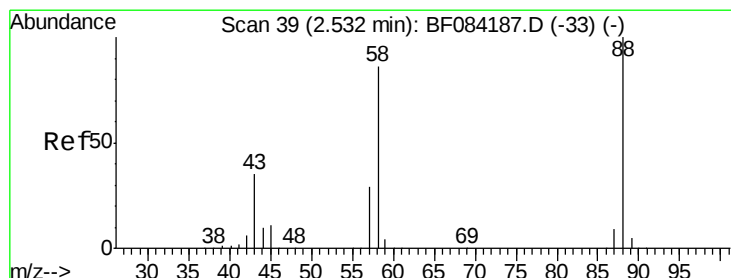
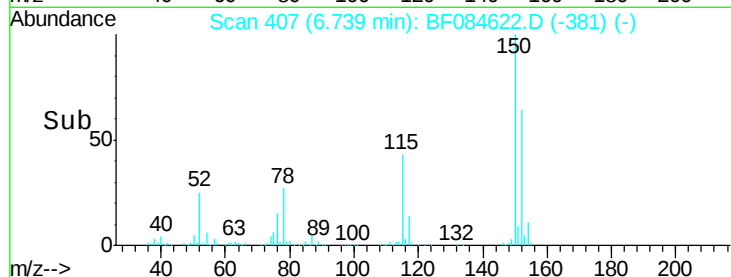
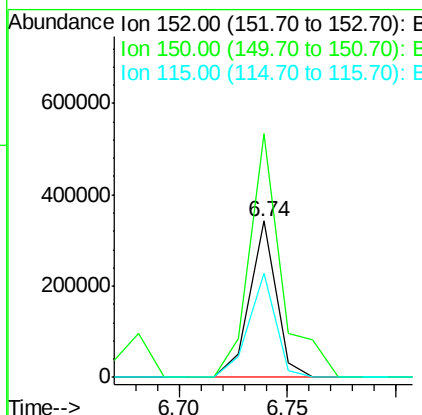
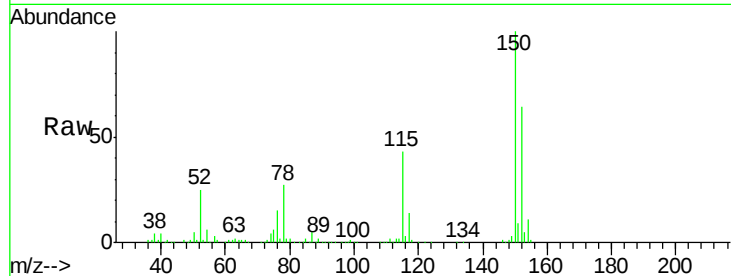
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	291375		
150	156.0	123.0	184.4	
115	66.9	51.4	77.2	

Manual Integrations
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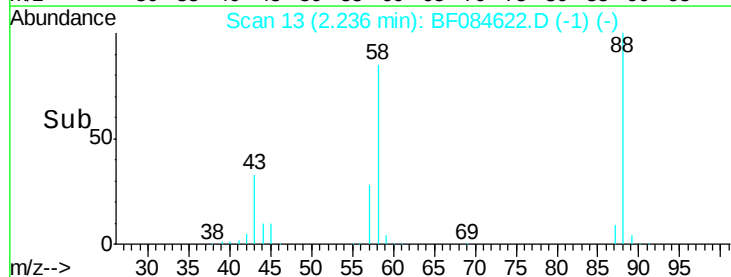
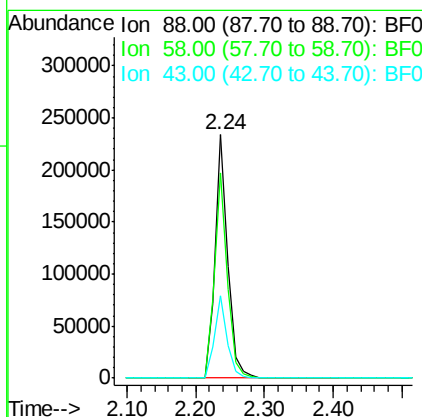
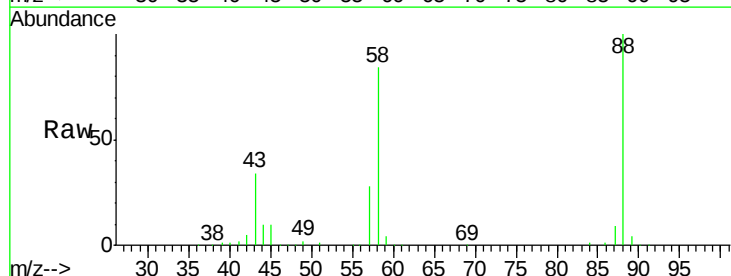
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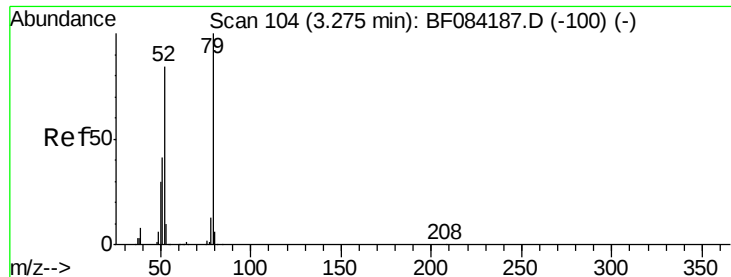


#2

1,4-Dioxane
Concen: 35.96 ng
RT: 2.24 min Scan# 13
Delta R.T. -0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	306839		
58	85.5	51.2	76.8#	
43	33.8	19.5	29.3#	





#3

Pyridine

Concen: 36.59 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

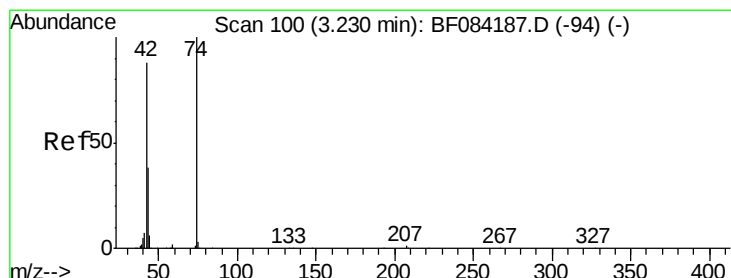
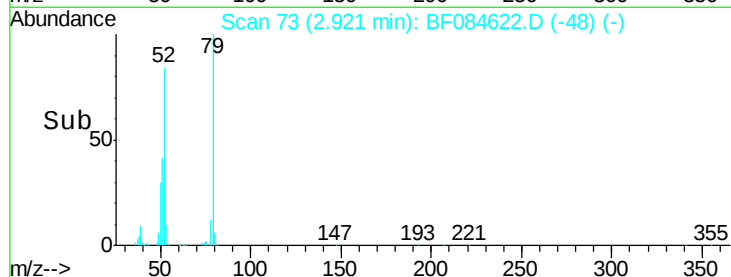
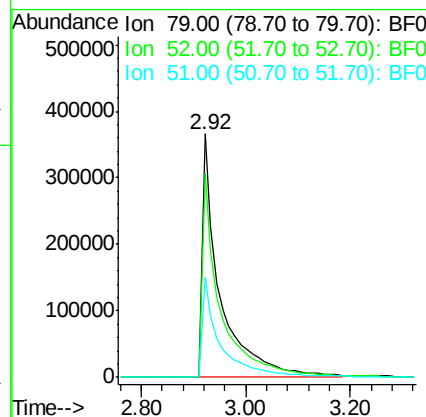
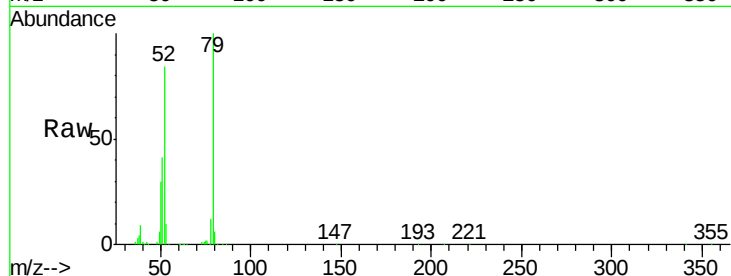
SSTDCCC040EC

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Tgt Ion	Ratio	Lower	Upper
79	100		
52	84.0	49.0	73.4#
51	41.2	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 37.19 ng

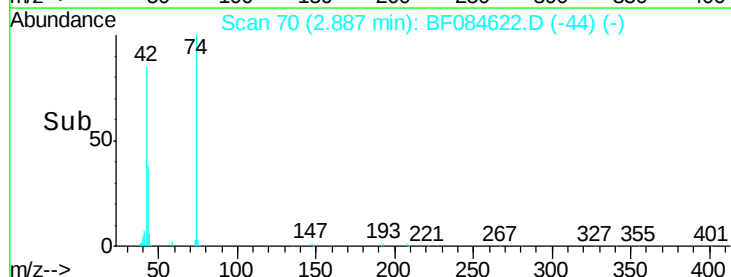
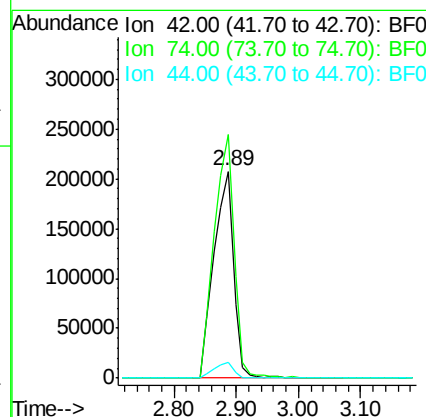
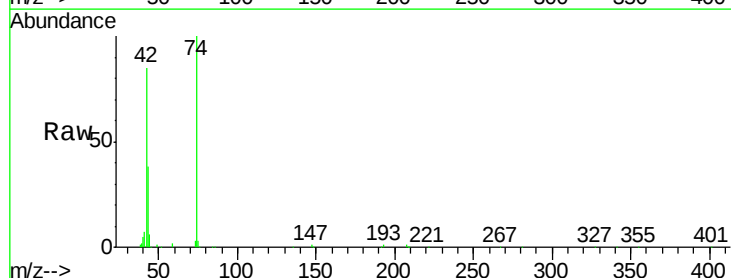
RT: 2.89 min Scan# 70

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	117.8	115.7	173.5
44	7.6	5.1	7.7





#5

2-Fluorophenol

Concen: 80.37 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 112 Resp: 1447842

Ion Ratio Lower Upper

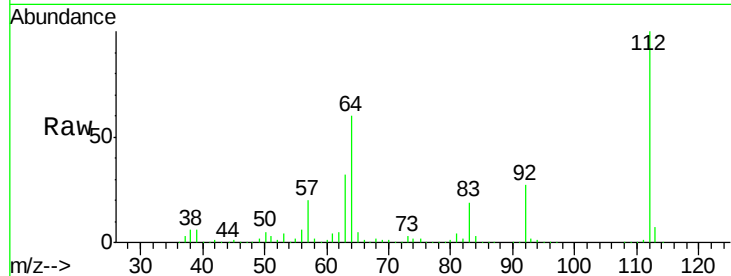
112 100

64 59.8 36.6 55.0#

63 31.6 19.4 29.0#

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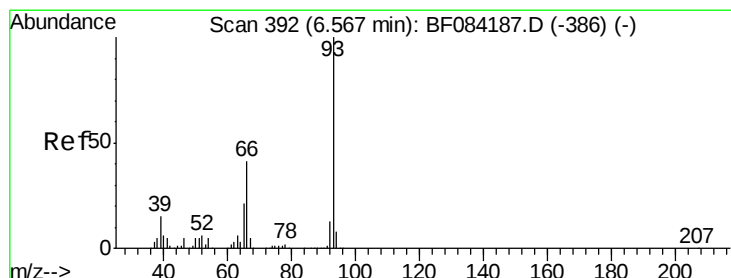
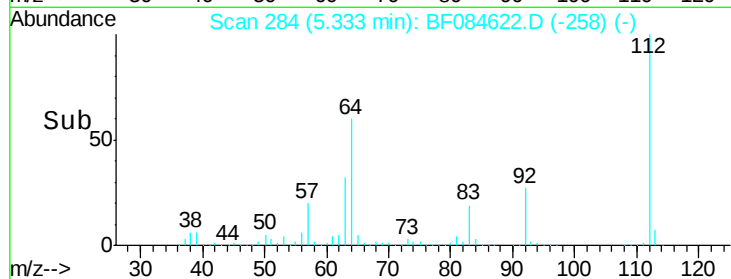
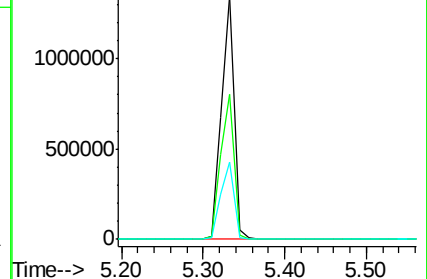
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.61 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

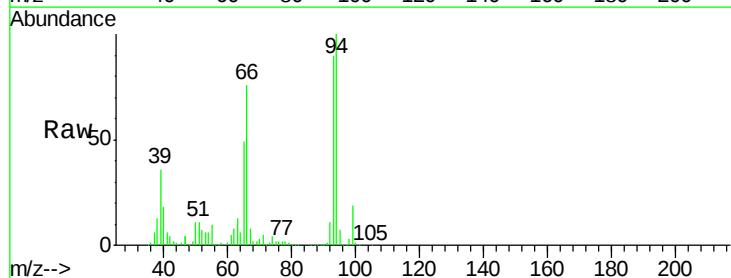
Tgt Ion: 93 Resp: 1145641

Ion Ratio Lower Upper

93 100

66 84.3 44.9 67.3#

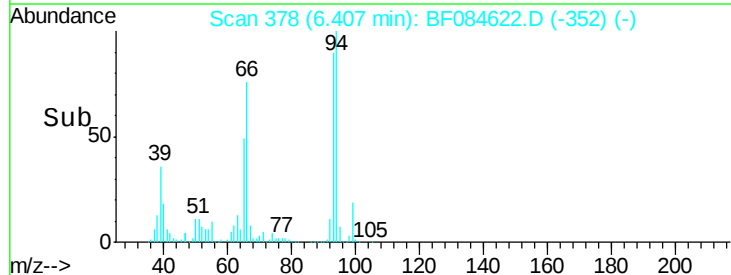
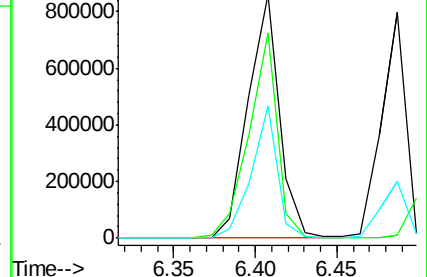
65 54.4 23.7 35.5#

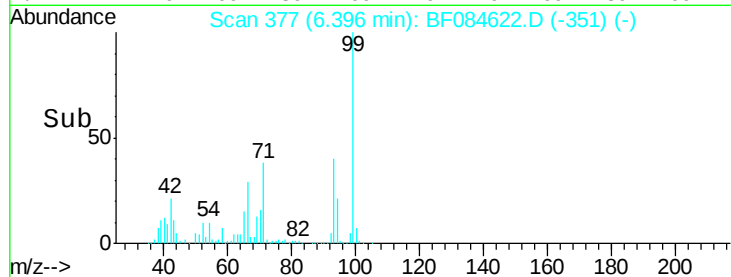
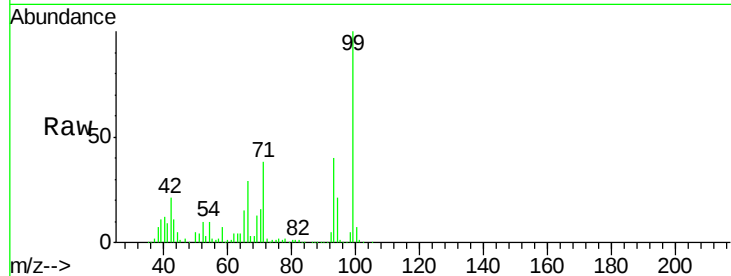


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.50 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion: 99 Resp: 1662953

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

71 38.4 30.9 46.3

Instrument :

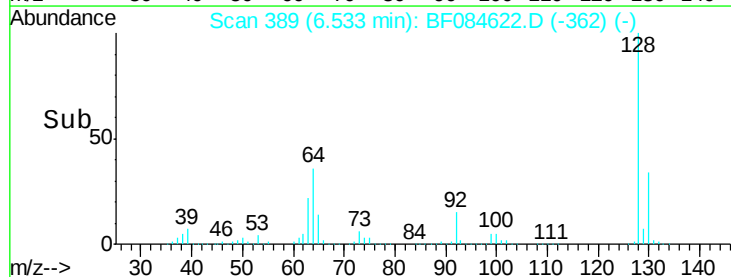
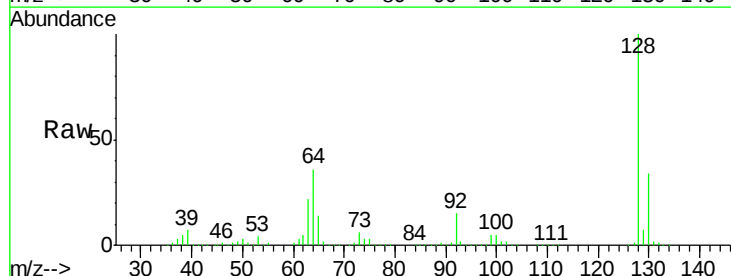
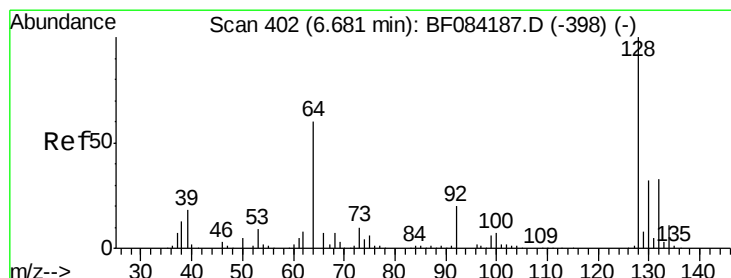
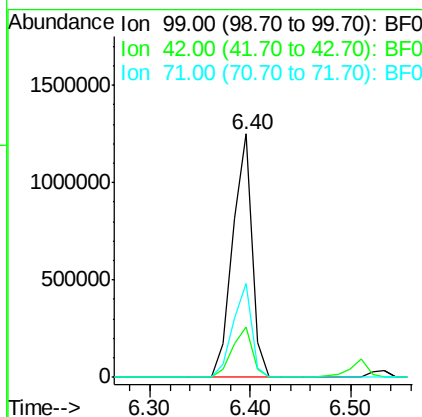
BNA_F

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SSTDCCC040EC

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#8

2-Chlorophenol

Concen: 39.91 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

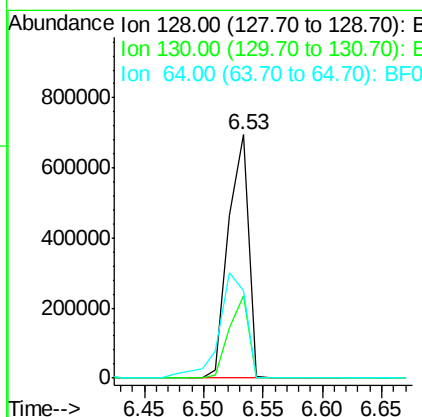
Tgt Ion: 128 Resp: 815629

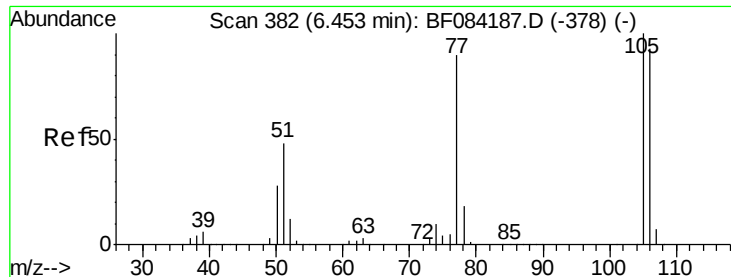
Ion Ratio Lower Upper

128 100

130 33.9 11.6 51.6

64 35.8 23.8 63.8





#9

Benzaldehyde

Concen: 33.06 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

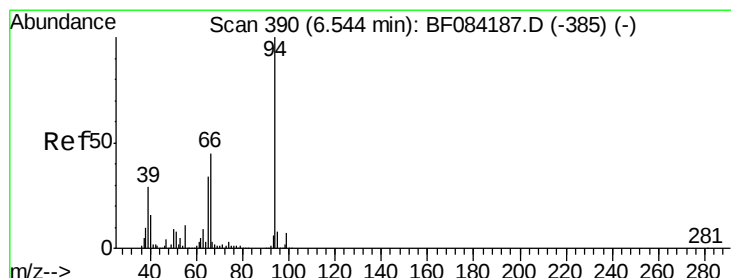
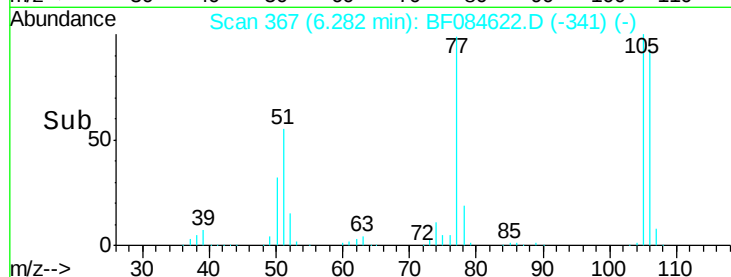
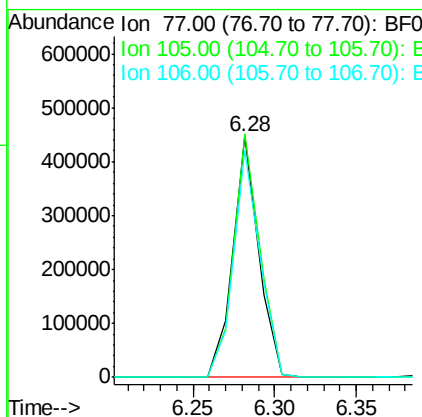
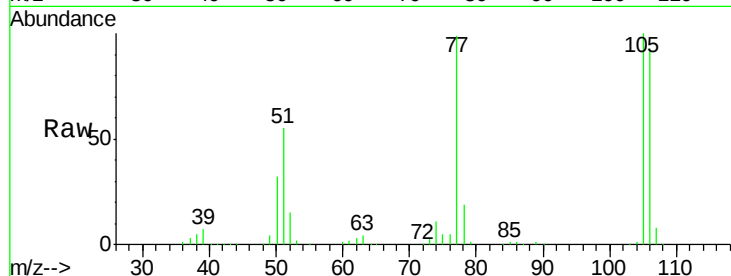
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	77	Resp:	487014
Ion Ratio	Lower	Upper	
77	100		
105	101.0	83.0	123.0
106	94.0	74.6	114.6



#10

Phenol

Concen: 35.83 ng

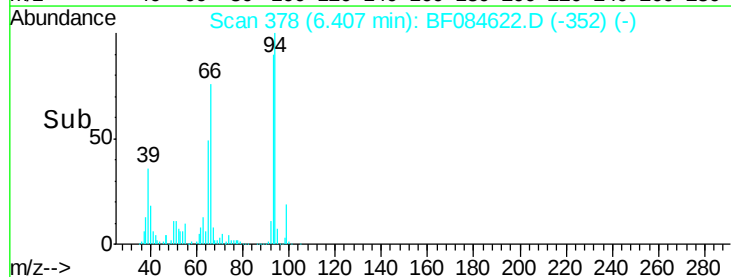
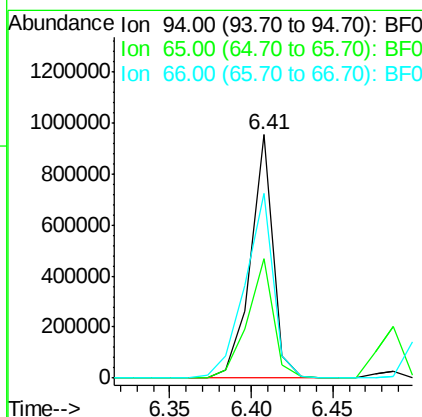
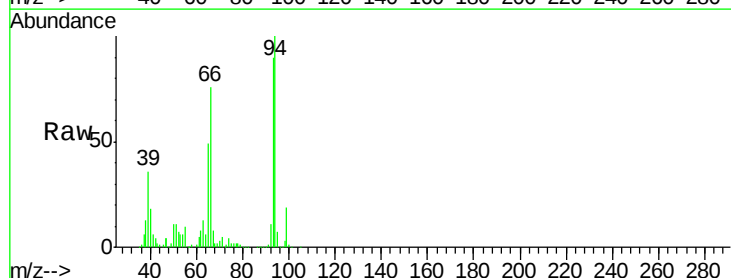
RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion:	94	Resp:	921746
Ion Ratio	Lower	Upper	
94	100		
65	49.0	12.9	52.9
66	76.0	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 40.50 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

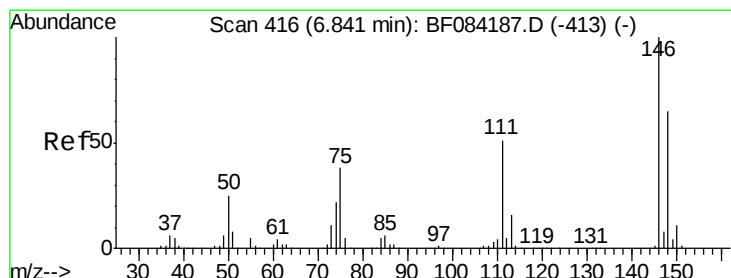
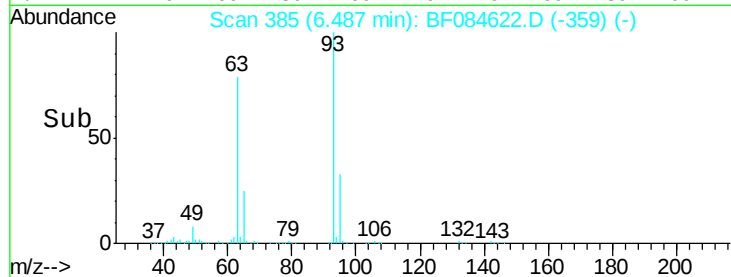
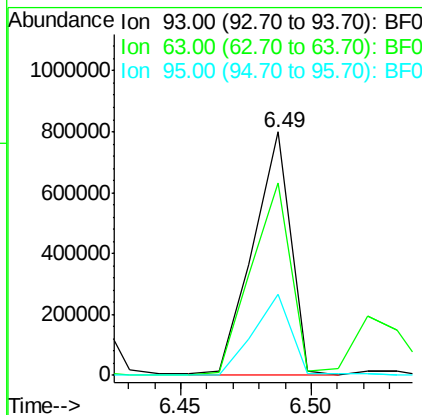
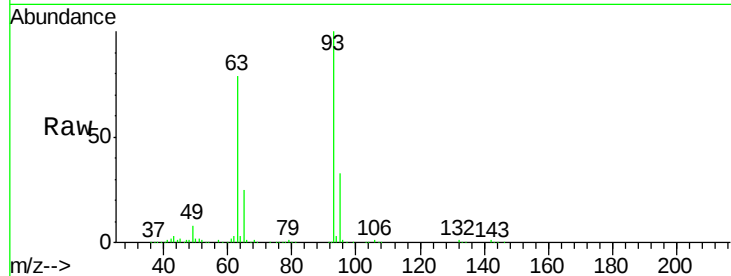
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	93	Resp:	807134
Ion	Ratio	Lower	Upper
93	100		
63	79.1	45.9	85.9
95	33.4	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.75 ng

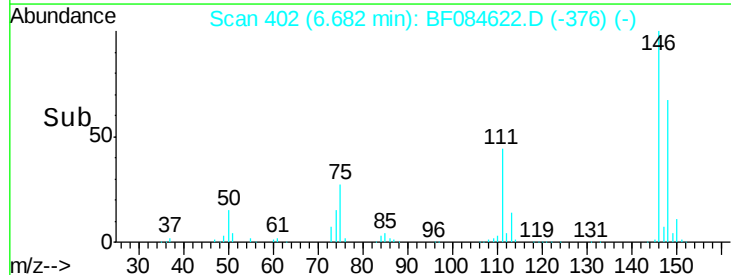
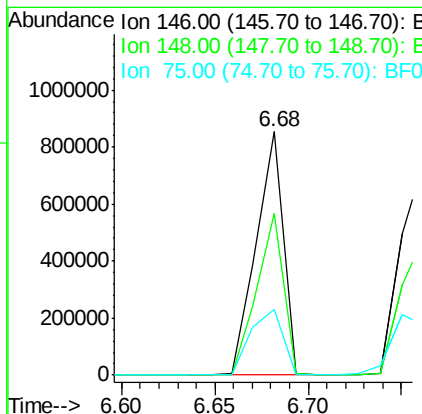
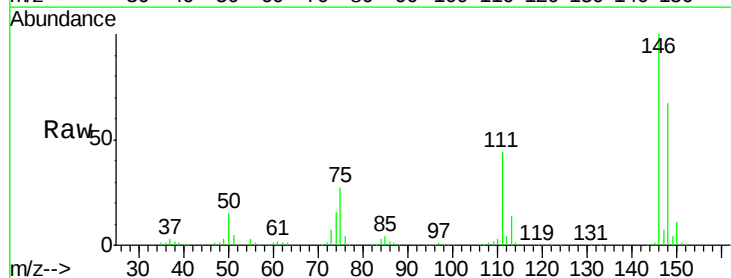
RT: 6.68 min Scan# 402

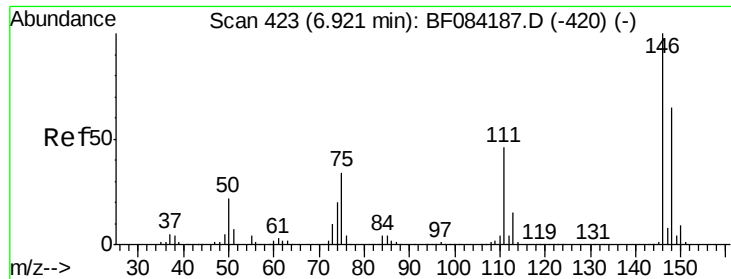
Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

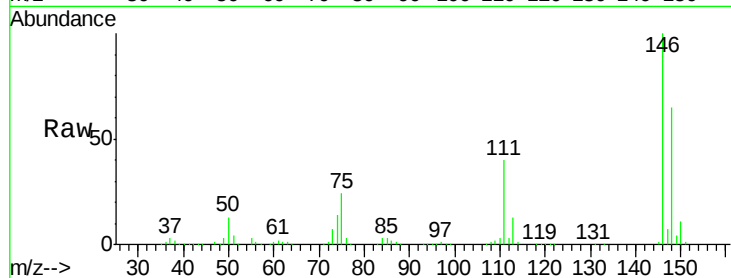
Tgt Ion:	146	Resp:	859061
Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.9	77.9
75	26.8	20.5	30.7





#13
 1,4-Dichlorobenzene
 Concen: 40.07 ng m
 RT: 6.76 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

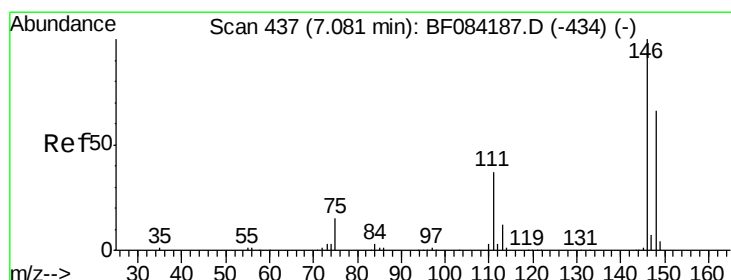
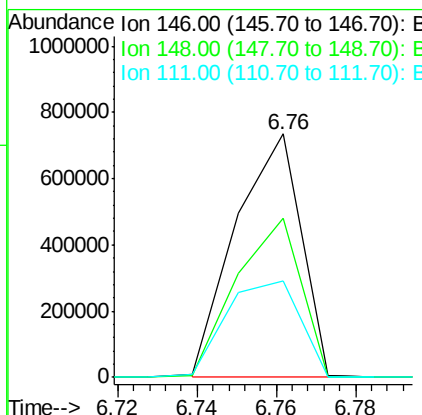
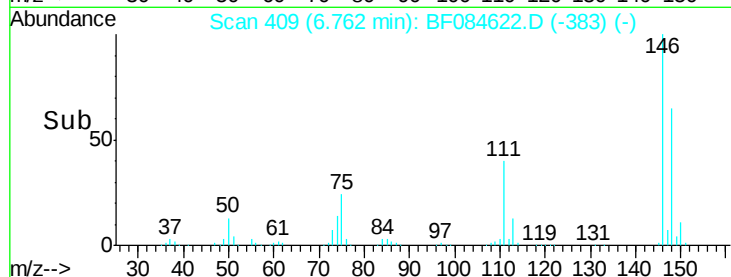
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



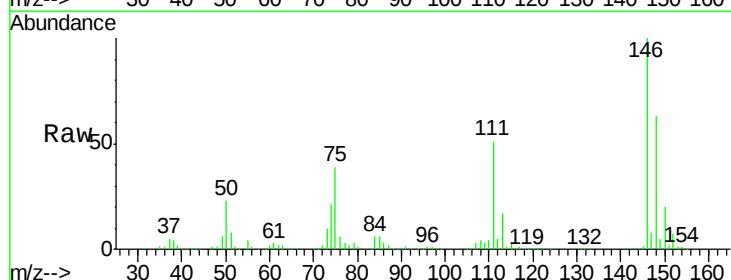
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	39.9	41.6	62.4#

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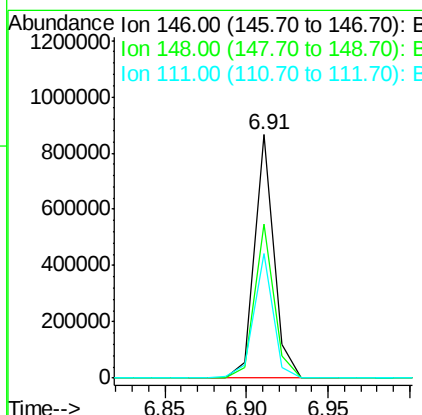
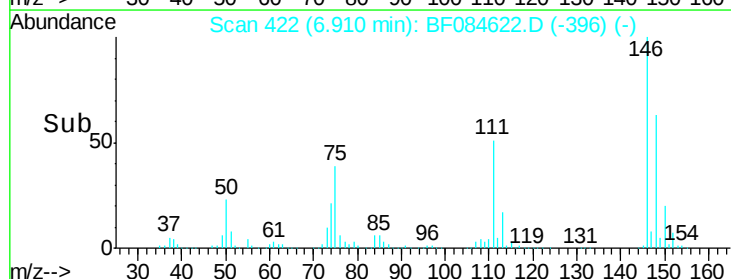
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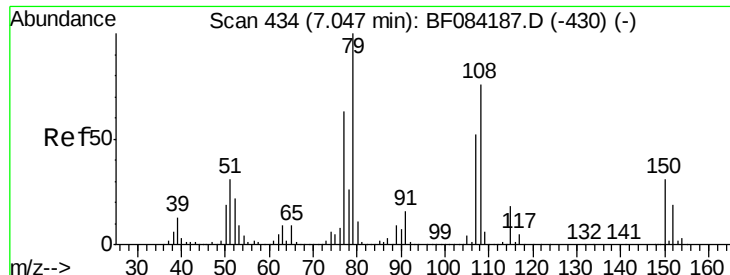


#14
 1,2-Dichlorobenzene
 Concen: 35.35 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.6	77.4
111	51.4	38.0	57.0





#15

Benzyl Alcohol

Concen: 36.97 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084622.D

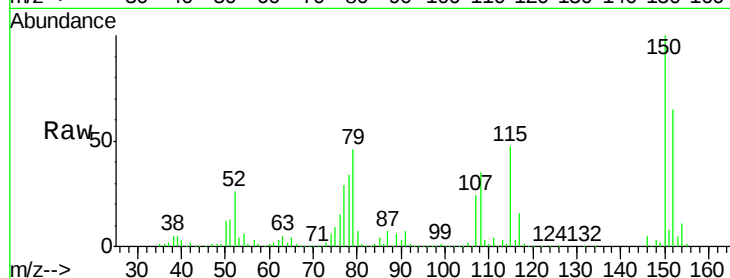
Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

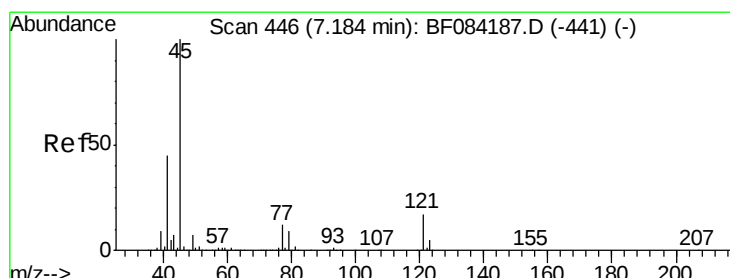
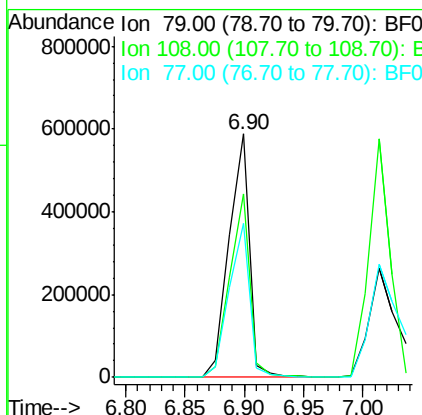
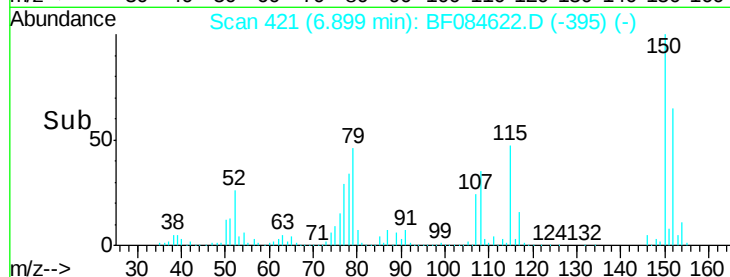
SSTDCCC040EC



Tgt Ion:	79	Resp:	703696
Ion Ratio	Lower	Upper	
79	100		
108	75.1	69.0	103.4
77	63.5	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.81 ng

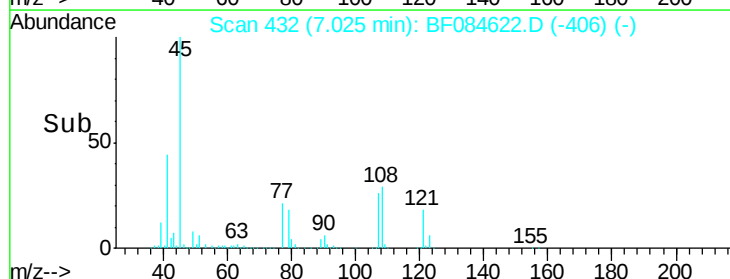
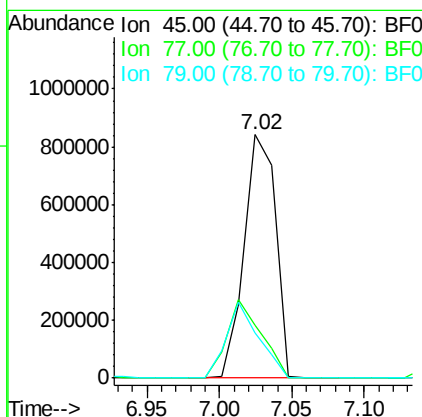
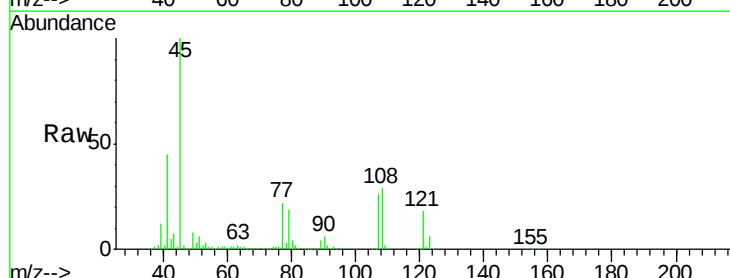
RT: 7.02 min Scan# 432

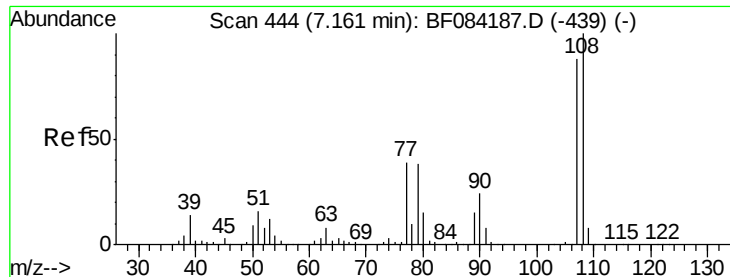
Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion:	45	Resp:	1263126
Ion Ratio	Lower	Upper	
45	100		
77	21.7	0.0	39.6
79	18.7	0.0	35.0





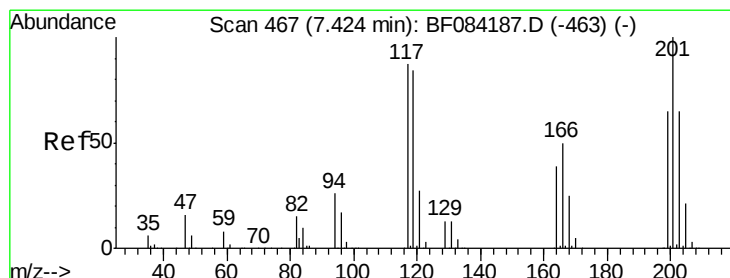
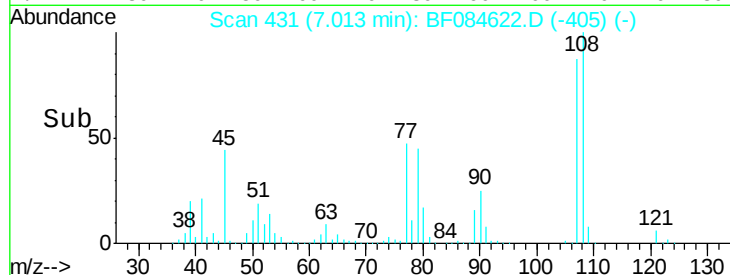
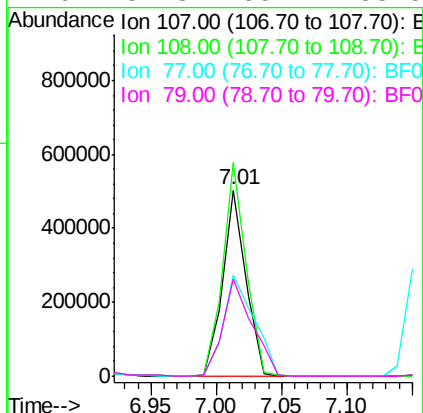
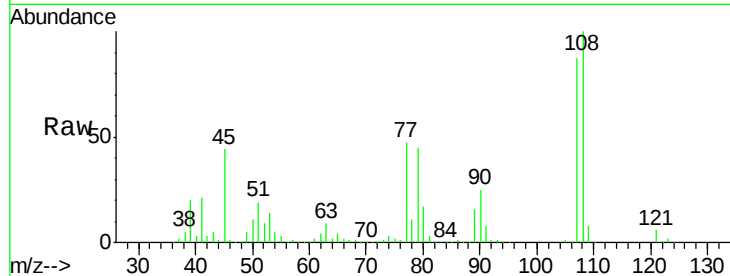
#17
2-Methylphenol
Concen: 36.48 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	624943		
108	115.0	89.8	134.6	
77	54.5	35.7	53.5	
79	52.3	35.7	53.5	

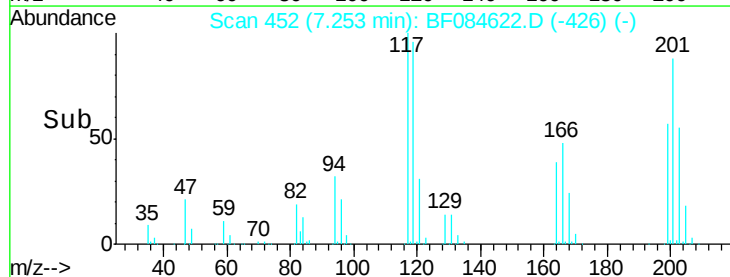
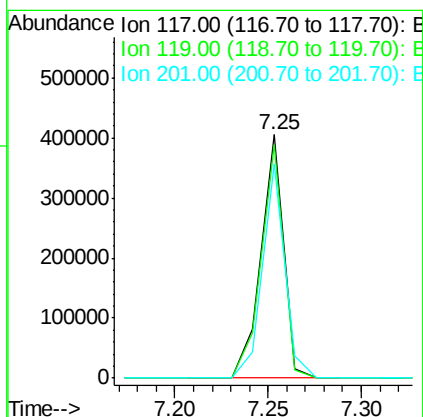
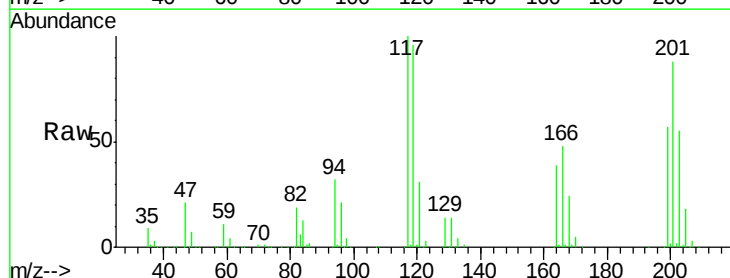
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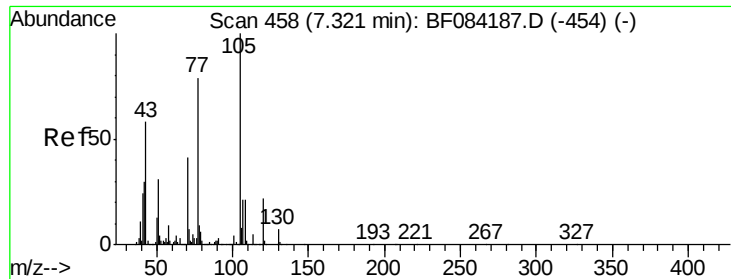
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#18
Hexachloroethane
Concen: 40.79 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	344845		
119	95.8	77.4	116.0	
201	88.1	68.6	103.0	





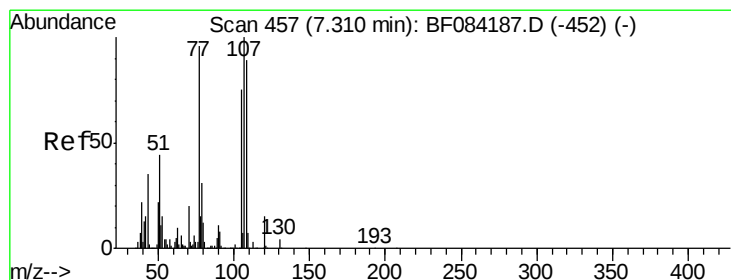
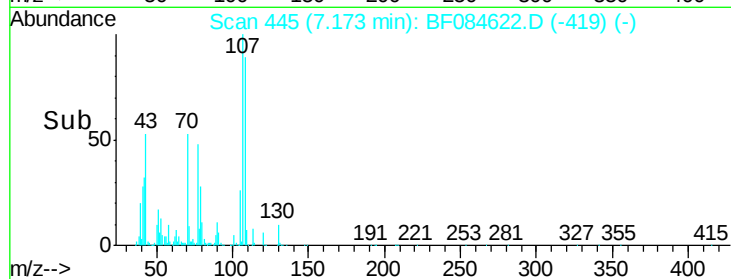
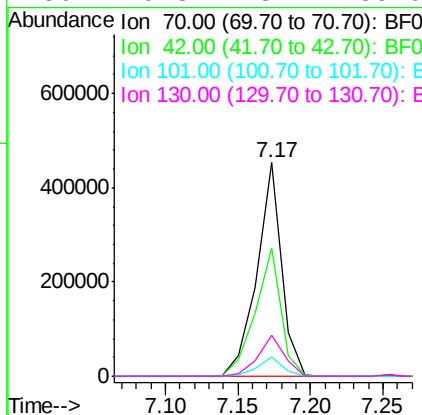
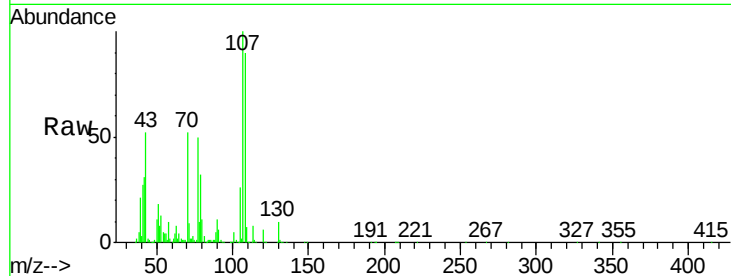
#19
n-Nitroso-di-n-propylamine
Concen: 34.96 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	60.2	33.3	49.9#
101	9.2	9.3	13.9#
130	19.3	23.4	35.0#

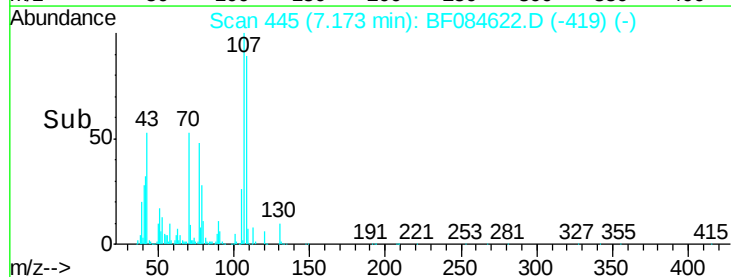
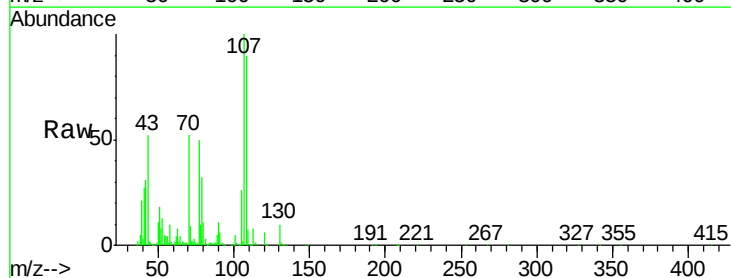
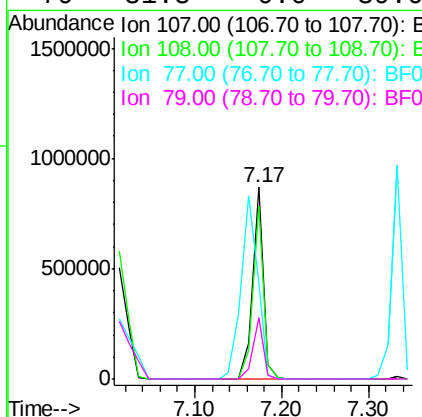
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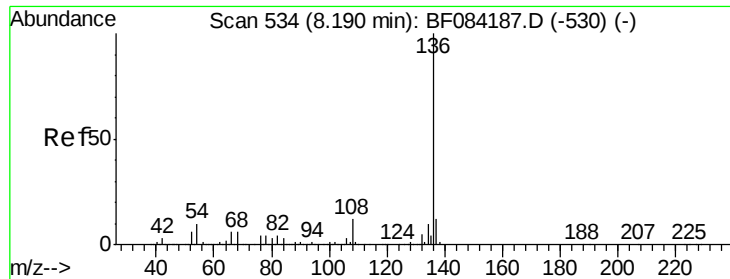
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#20
3+4-Methylphenols
Concen: 37.84 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	90.3	74.6	114.6
77	50.2	0.7	40.7#
79	31.8	0.0	39.0





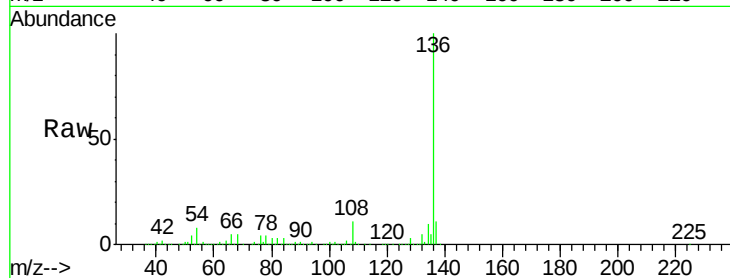
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

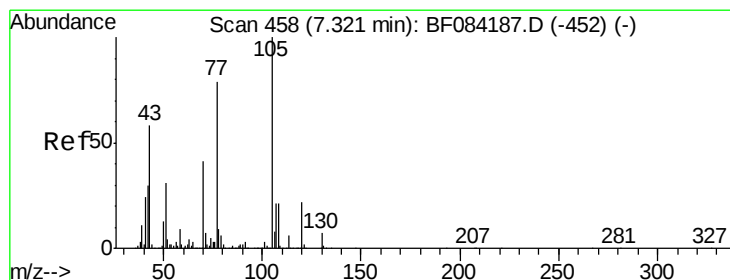
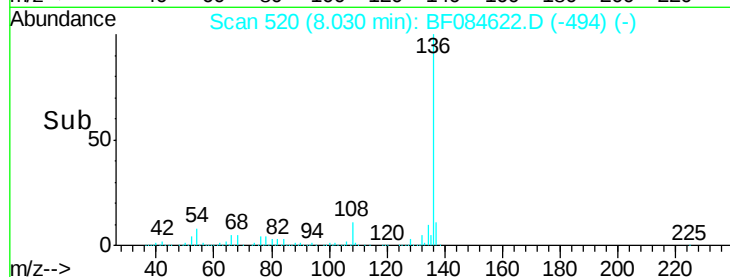
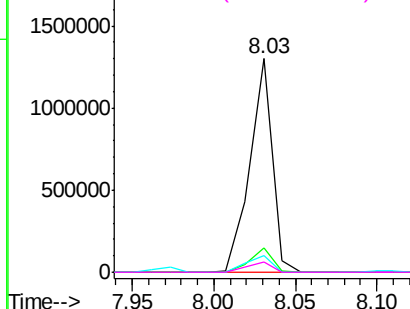
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	5.8	8.8
68	4.6	4.2	6.2

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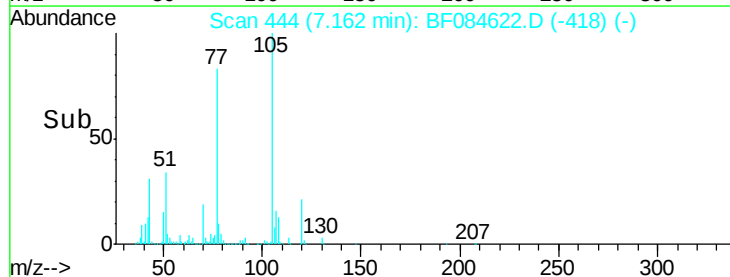
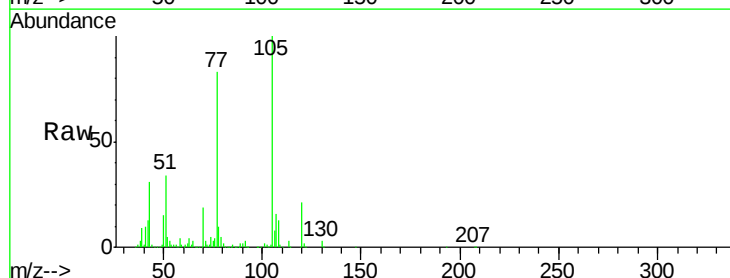
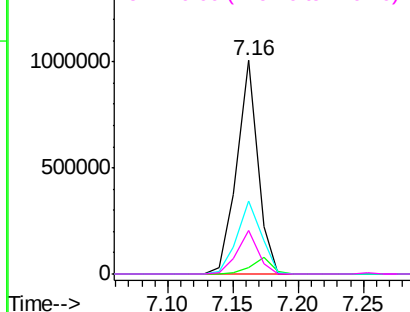
Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.71 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.1	3.7	5.5#
51	34.0	25.1	37.7
120	20.6	16.6	25.0

Abundance Ion 105.00 (104.70 to 105.70): E
1500000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





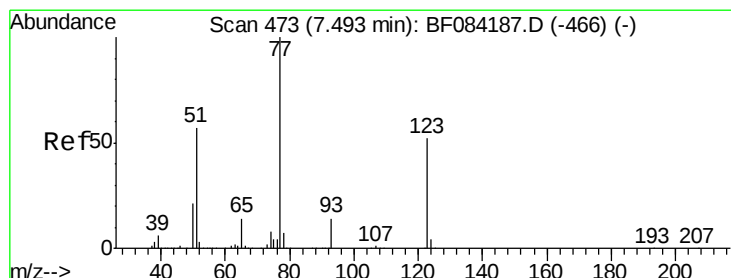
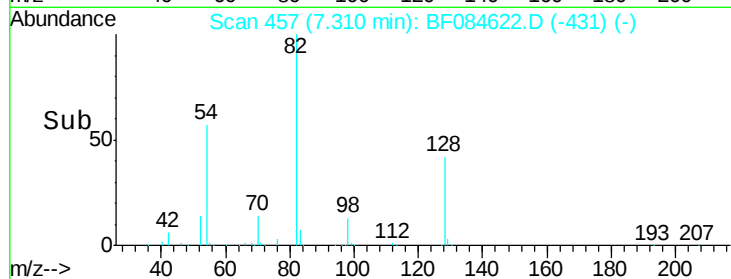
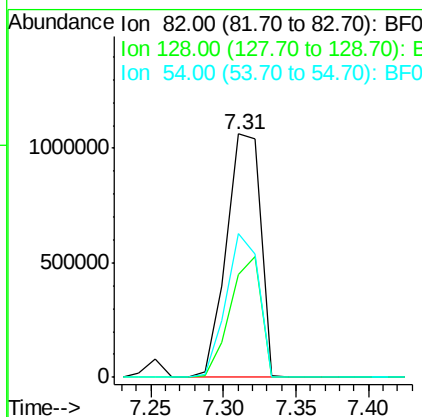
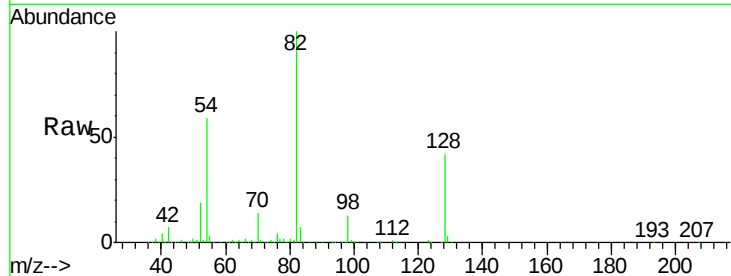
#23
 Nitrobenzene-d5
 Concen: 78.03 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	51.8
54	58.9	38.4	57.6

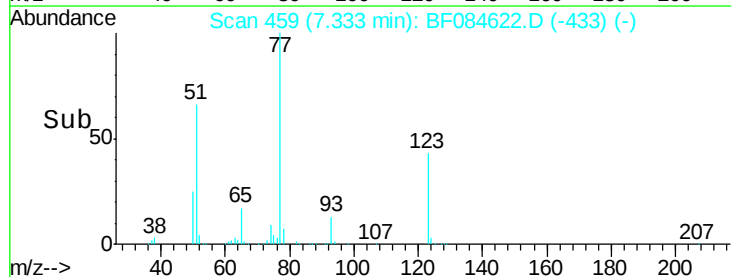
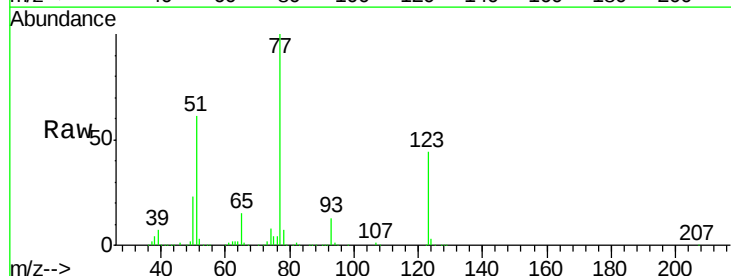
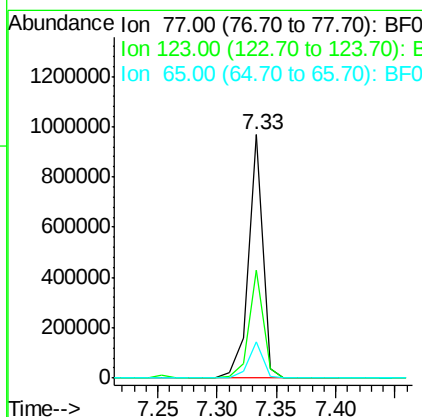
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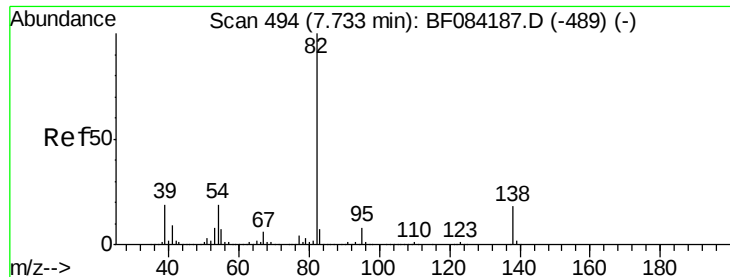
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#24
 Nitrobenzene
 Concen: 36.05 ng
 RT: 7.33 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	37.4	56.2
65	15.1	10.9	16.3





#25

Isophorone

Concen: 38.82 ng

RT: 7.58 min Scan# 481

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

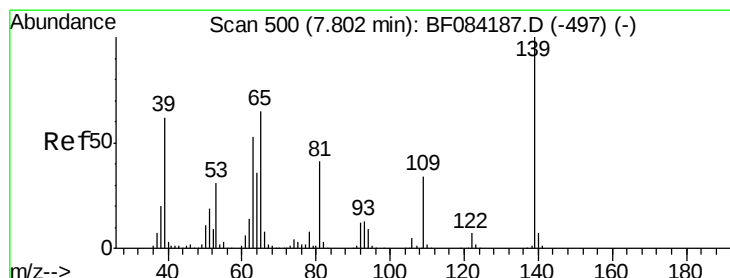
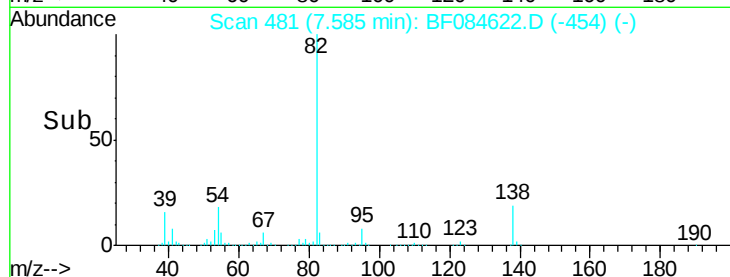
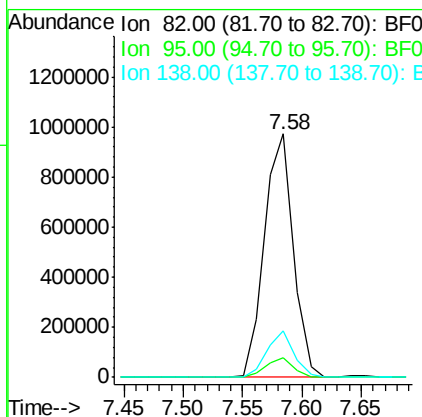
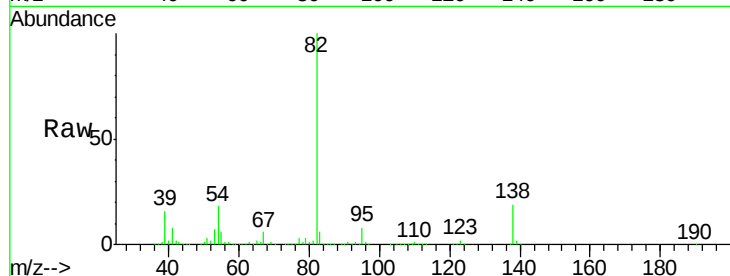
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	1652612
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	10.0
138	19.0	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.31 ng

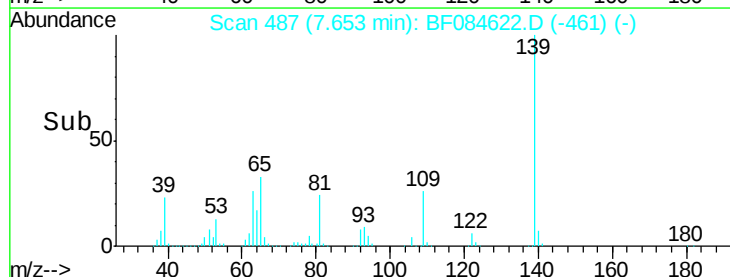
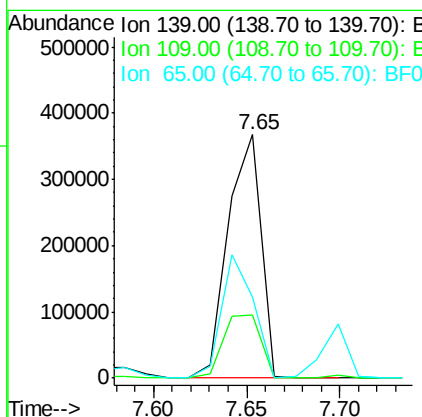
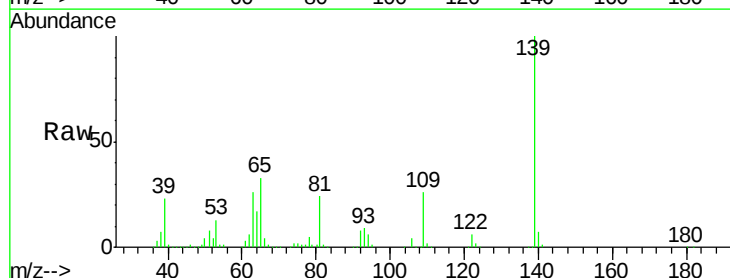
RT: 7.65 min Scan# 487

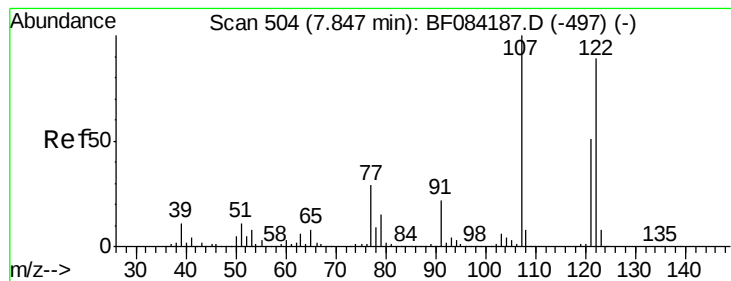
Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion:	139	Resp:	455288
Ion	Ratio	Lower	Upper
139	100		
109	25.9	25.4	38.2
65	33.4	32.3	48.5





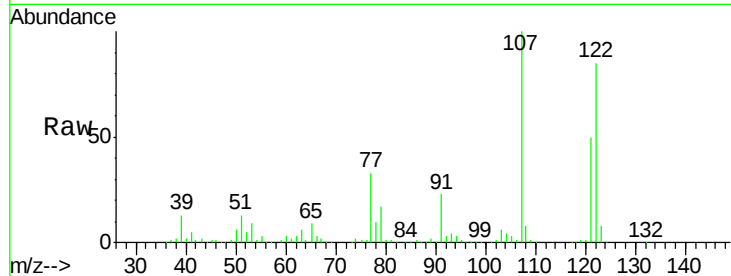
#27
2,4-Dimethylphenol
Concen: 35.00 ng
RT: 7.70 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

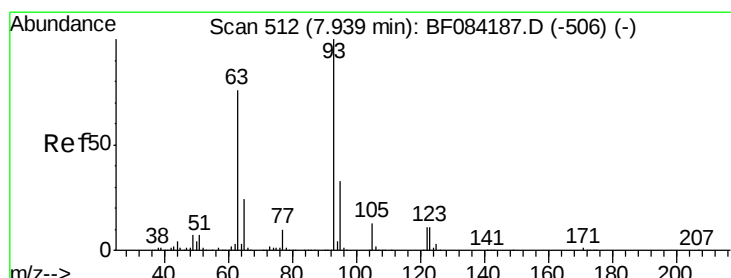
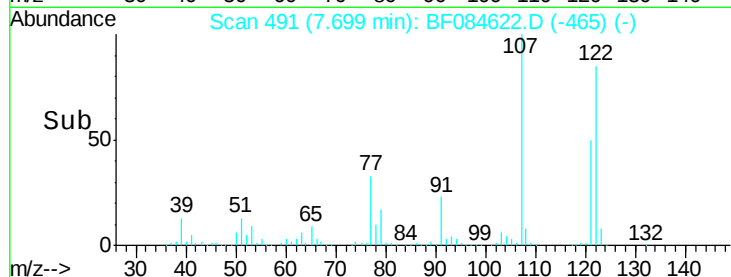
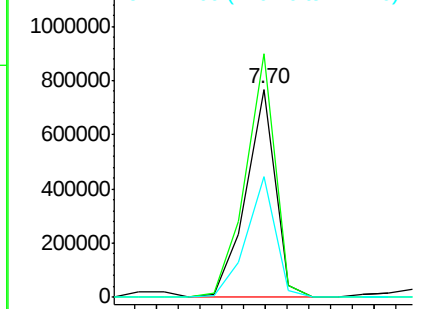
Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.0	99.1	148.7
121	58.2	47.9	71.9

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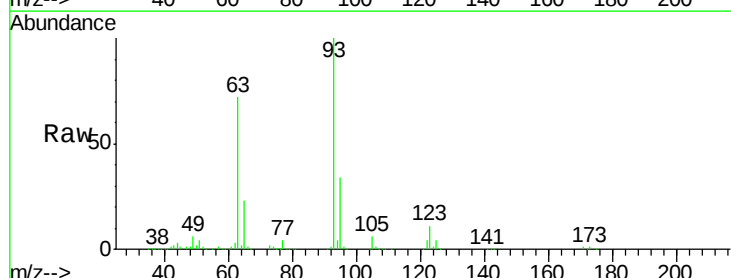


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

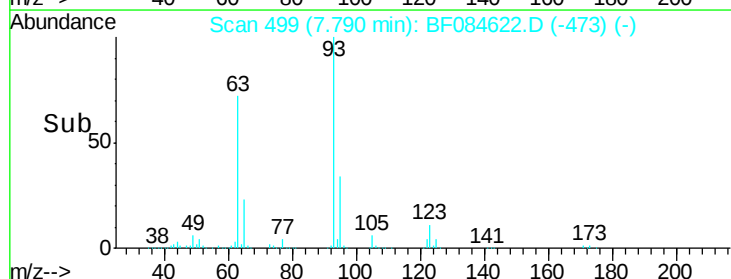
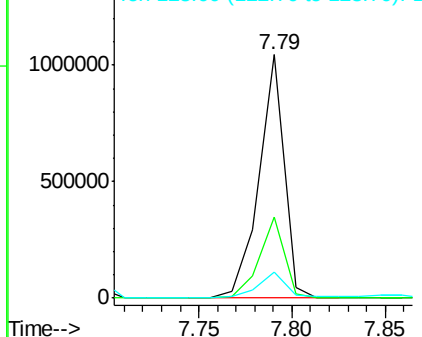


#28
bis(2-Chloroethoxy)methane
Concen: 37.31 ng
RT: 7.79 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.8	38.6
123	10.9	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





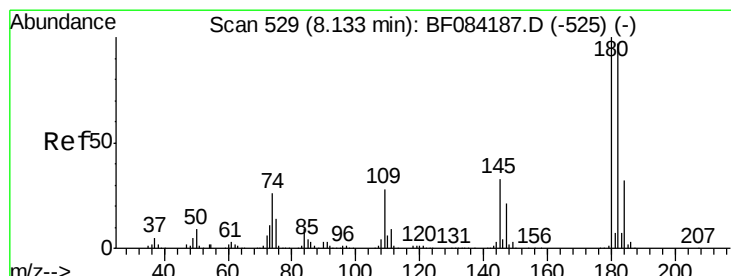
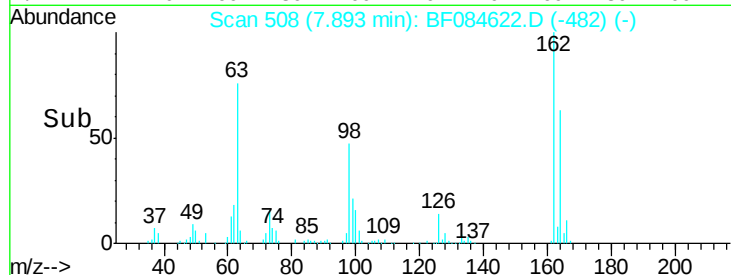
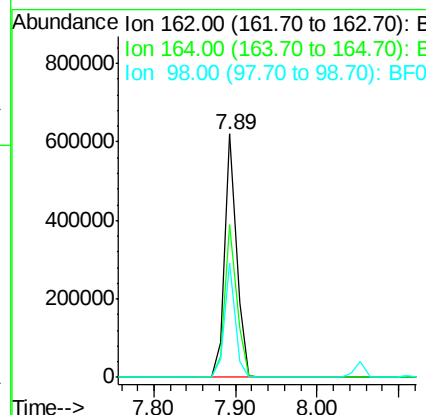
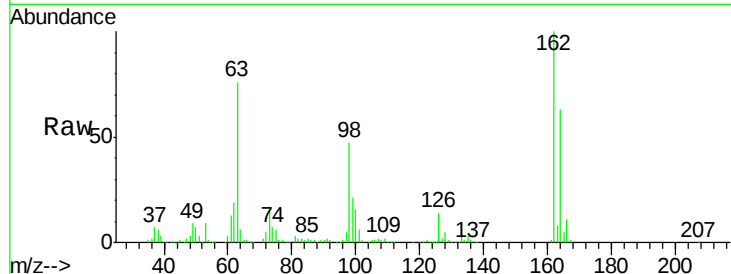
#29
2,4-Dichlorophenol
Concen: 36.02 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.1	84.1
98	47.1	20.2	60.2

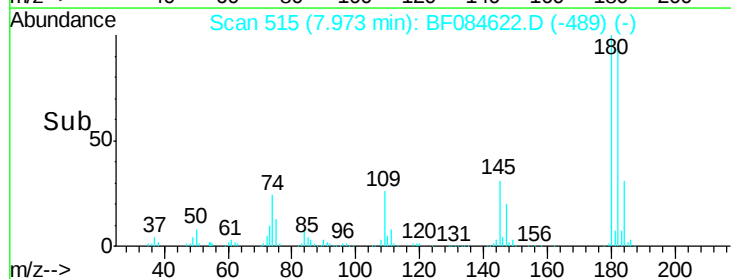
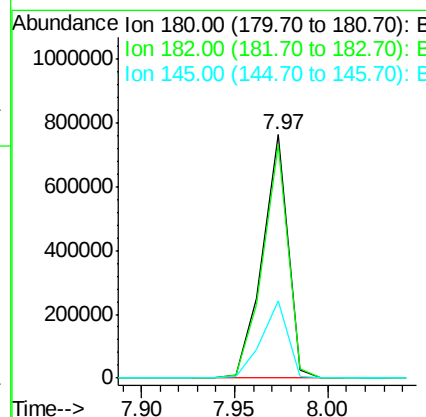
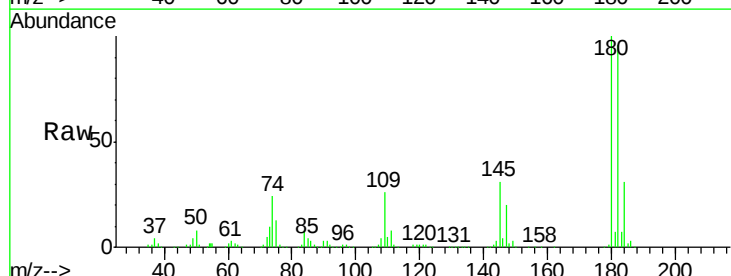
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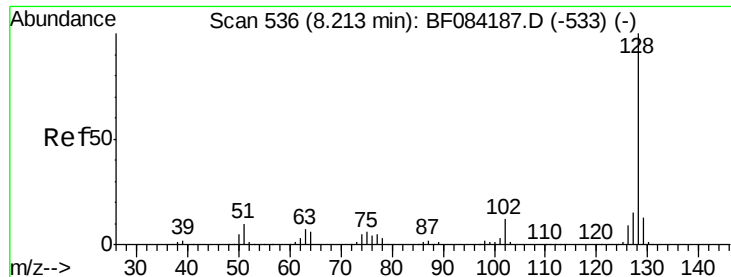
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#30
1,2,4-Trichlorobenzene
Concen: 40.22 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	31.5	31.6	47.4#





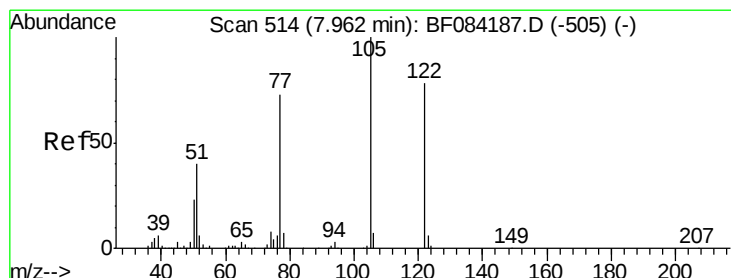
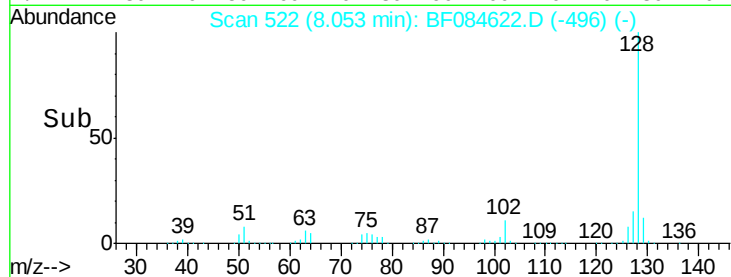
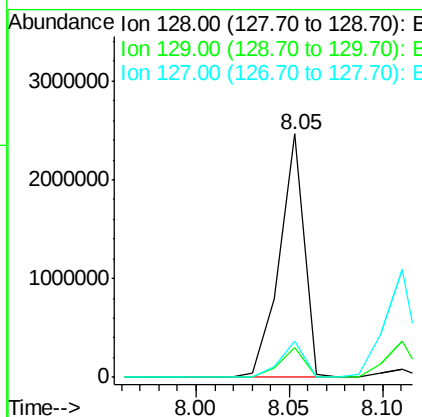
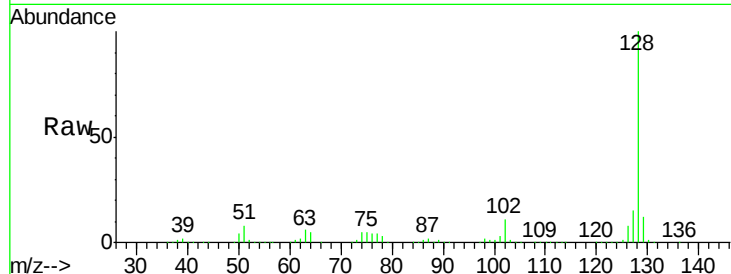
#31
Naphthalene
Concen: 40.70 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 2287707
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 14.8 11.1 16.7

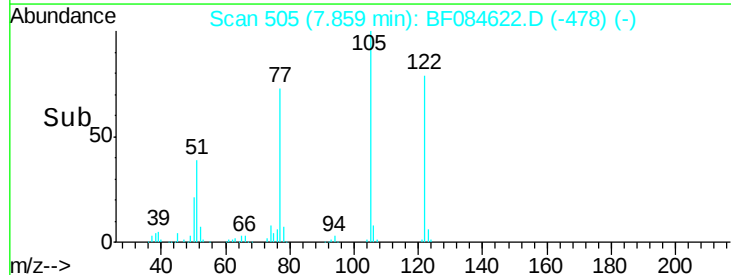
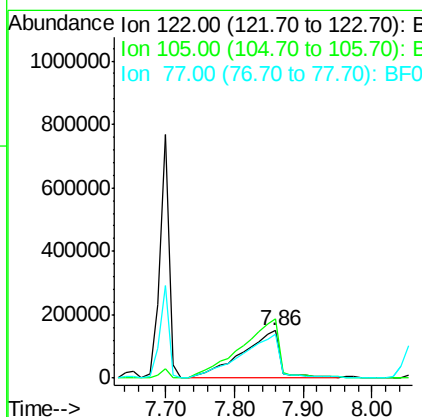
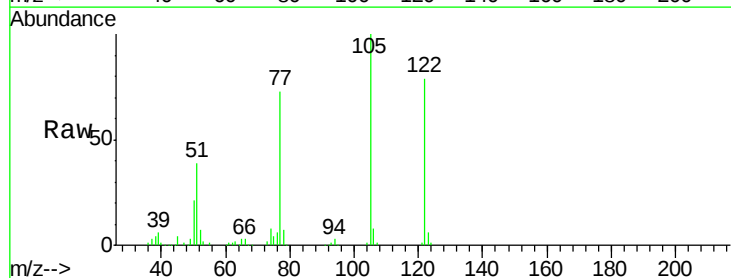
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#32
Benzoic acid
Concen: 42.72 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion:122 Resp: 560952
Ion Ratio Lower Upper
122 100
105 126.4 100.3 140.3
77 92.6 63.5 103.5





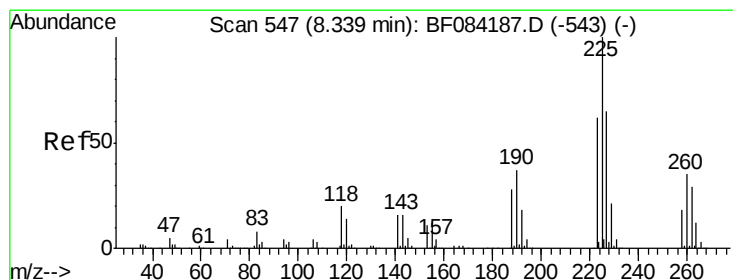
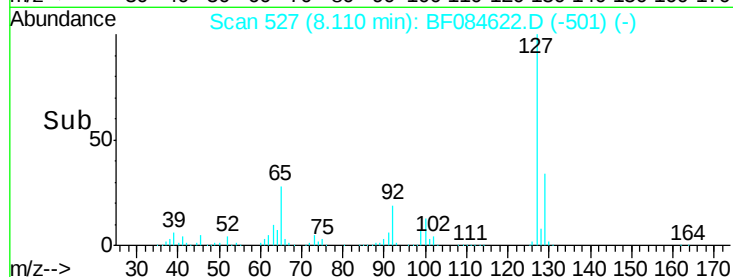
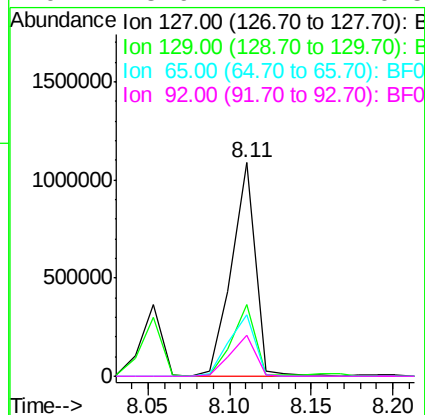
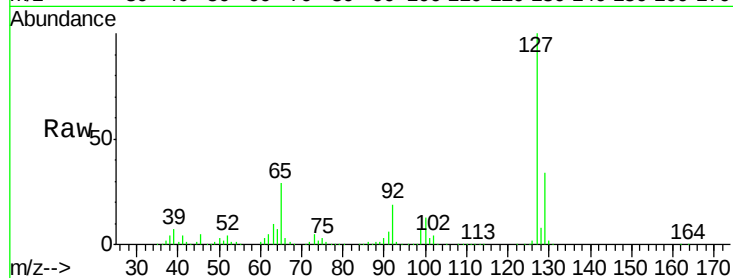
#33
4-Chloroaniline
Concen: 42.16 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.5	39.7
65	28.5	27.2	40.8
92	18.9	17.7	26.5

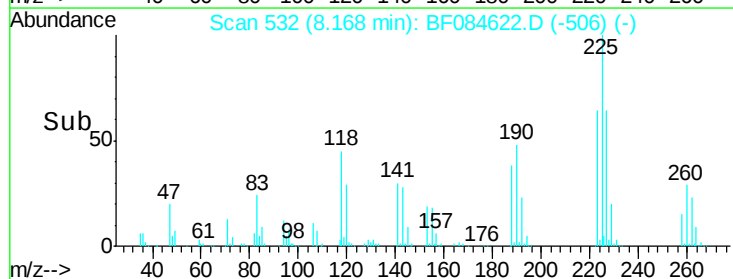
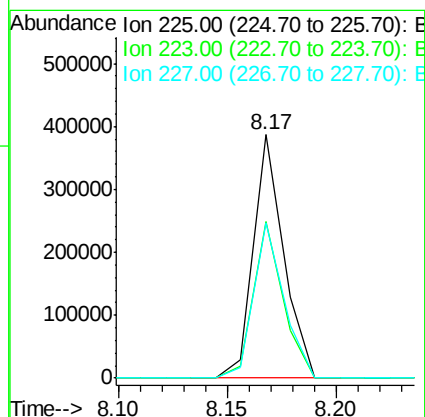
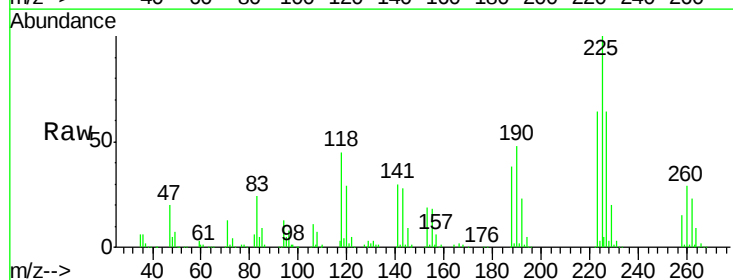
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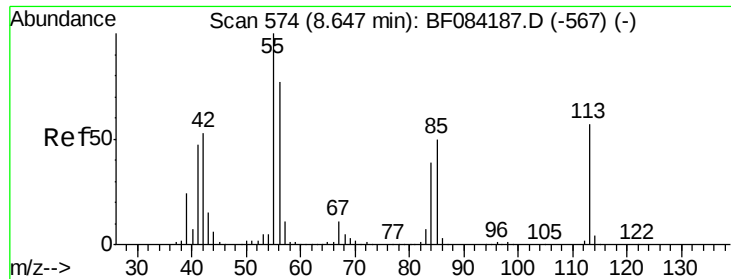
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#34
Hexachlorobutadiene
Concen: 36.37 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

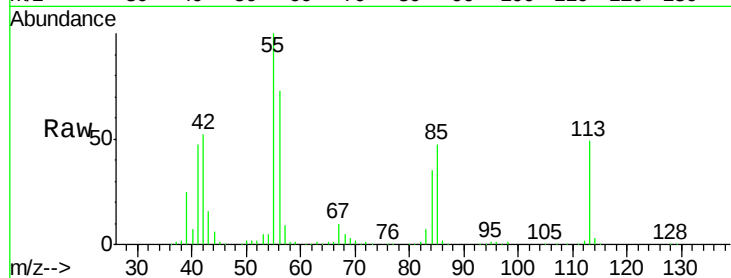
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.4	74.0
227	64.0	50.8	76.2





#35
 Caprolactam
 Concen: 41.35 ng
 RT: 8.51 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

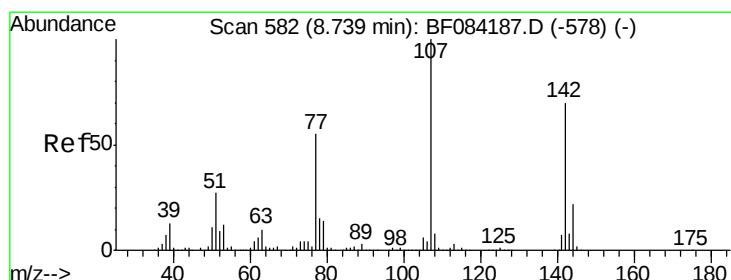
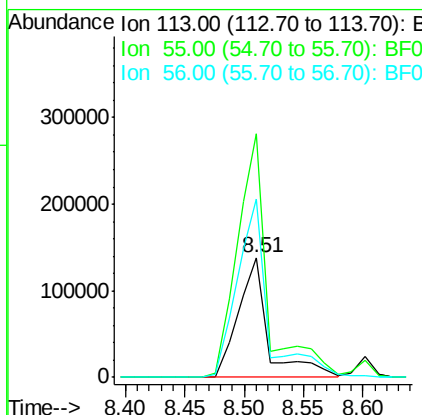
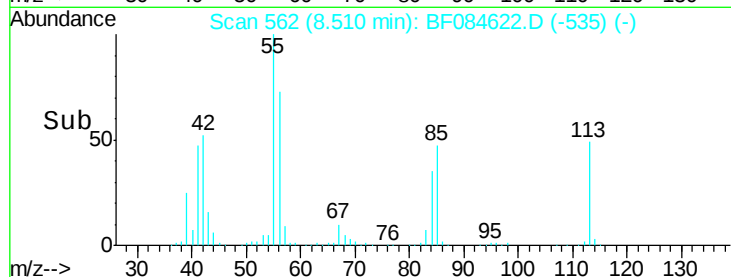
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion:113 Resp: 241471
 Ion Ratio Lower Upper
 113 100
 55 203.0 116.9 156.9#
 56 148.7 93.8 133.8#

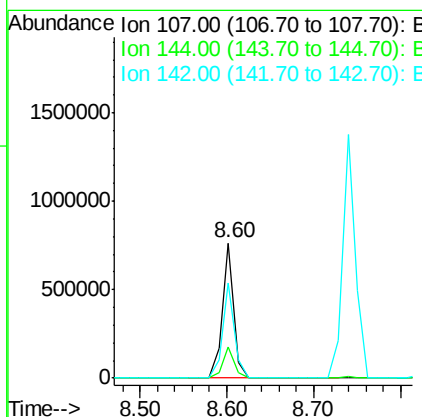
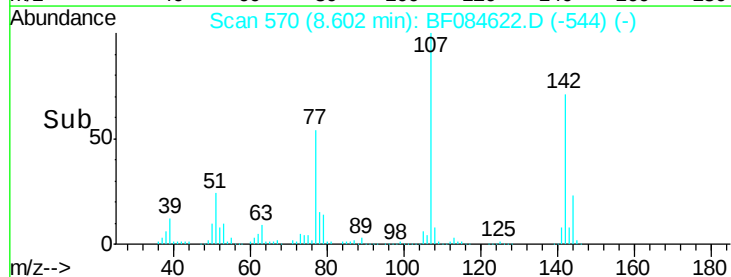
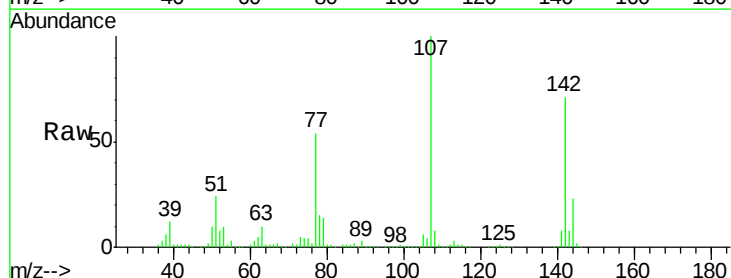
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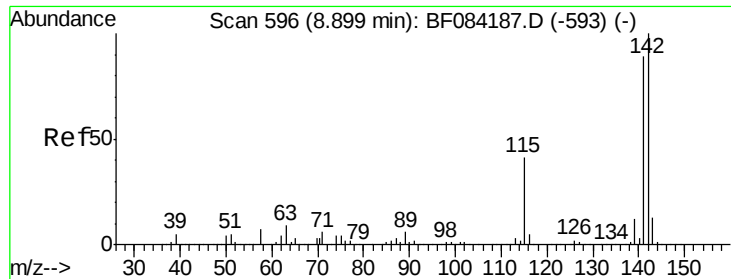
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#36
 4-Chloro-3-methylphenol
 Concen: 36.66 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion:107 Resp: 711336
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.7 29.5
 142 70.7 61.8 92.6





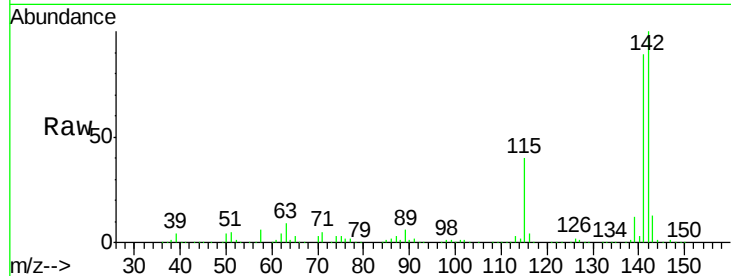
#37
2-Methylnaphthalene
Concen: 35.54 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

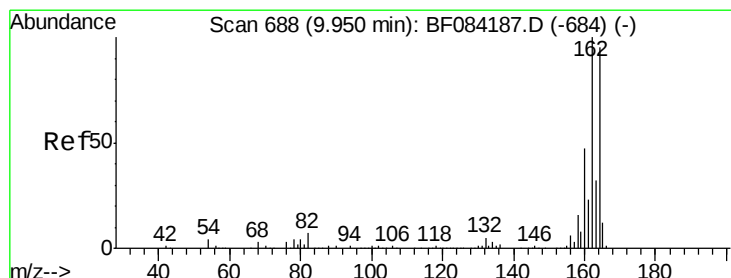
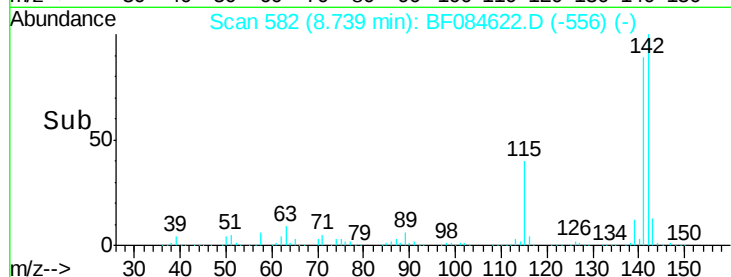
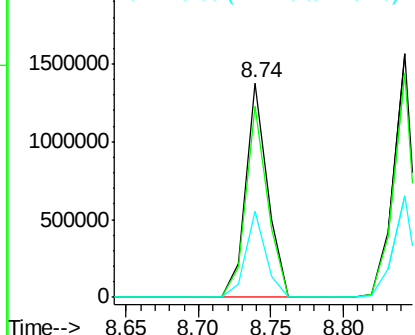
Tgt Ion:142 Resp: 1433884
Ion Ratio Lower Upper
142 100
141 89.0 72.4 108.6
115 40.1 27.9 41.9

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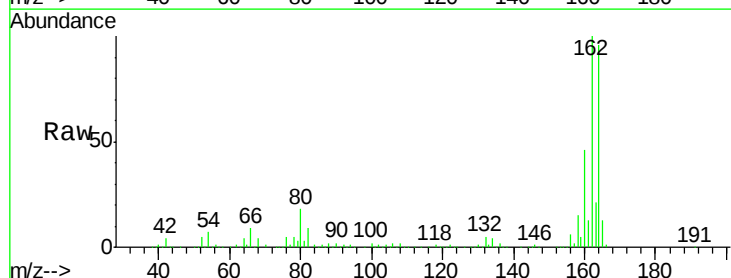


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

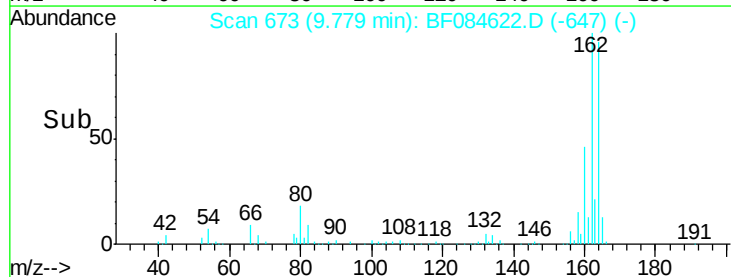
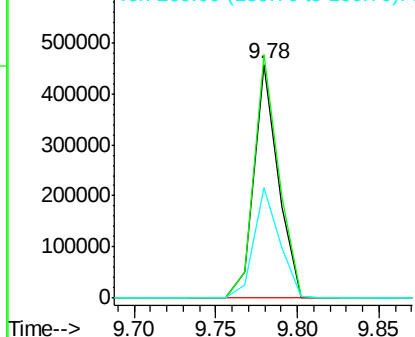


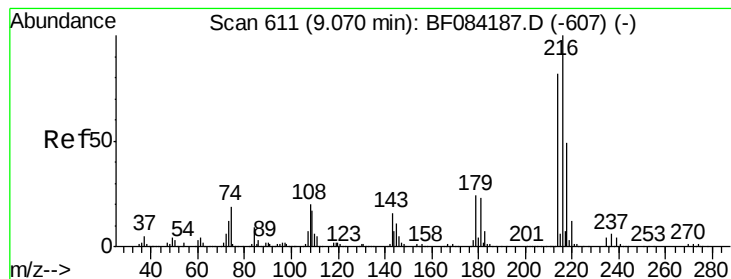
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion:164 Resp: 472139
Ion Ratio Lower Upper
164 100
162 104.0 85.1 127.7
160 47.5 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: 51.32 ng

RT: 8.91 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF084622.D

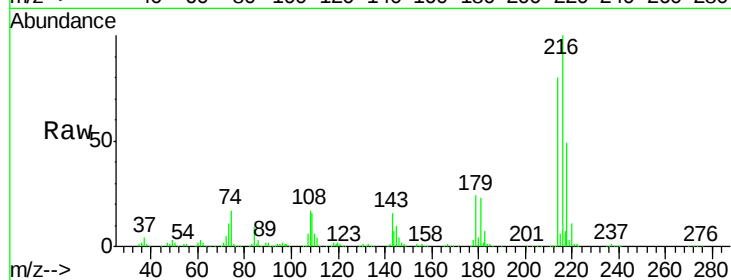
Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 216 Resp: 696568

Ion Ratio Lower Upper

216 100

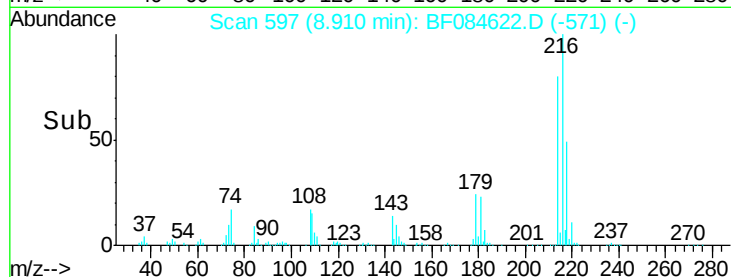
214 79.8 64.2 96.2

179 24.4 18.7 28.1

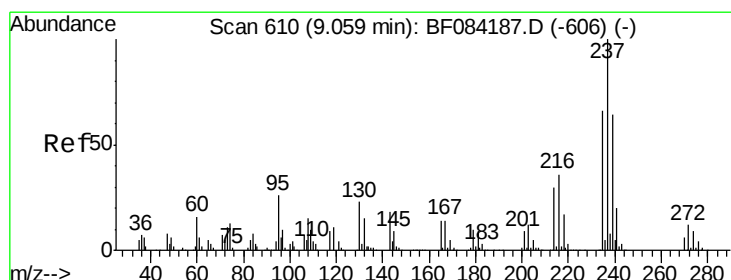
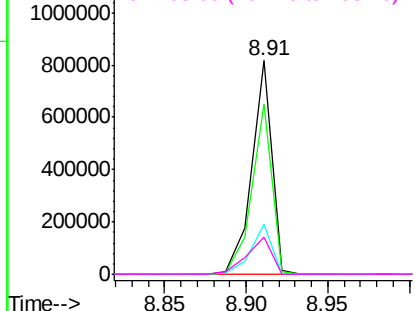
108 21.6 16.8 25.2

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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: 45.91 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

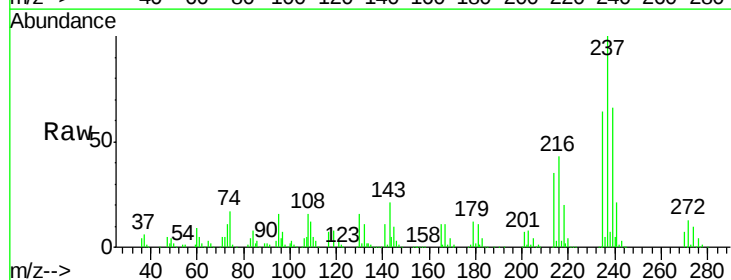
Tgt Ion: 237 Resp: 376197

Ion Ratio Lower Upper

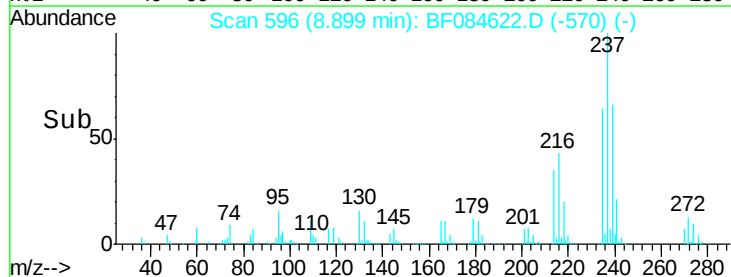
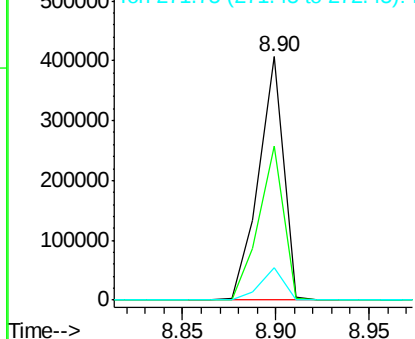
237 100

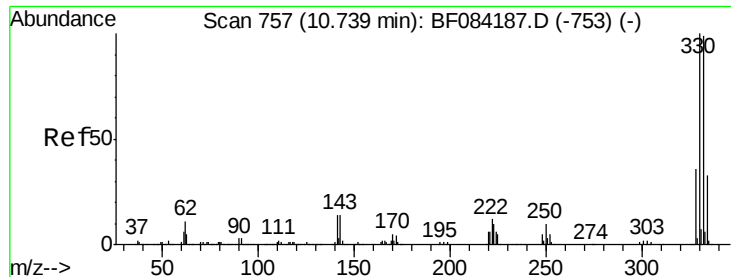
235 63.5 43.1 83.1

272 13.5 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





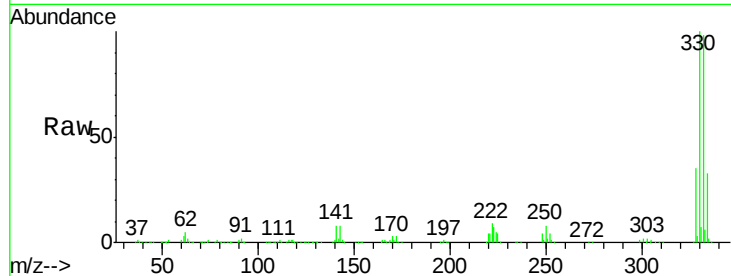
#41
 2,4,6-Tribromophenol
 Concen: 90.11 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.01 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

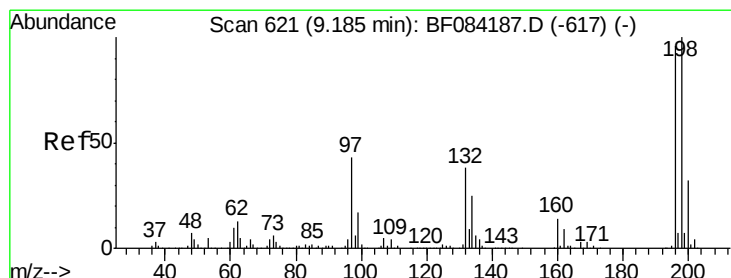
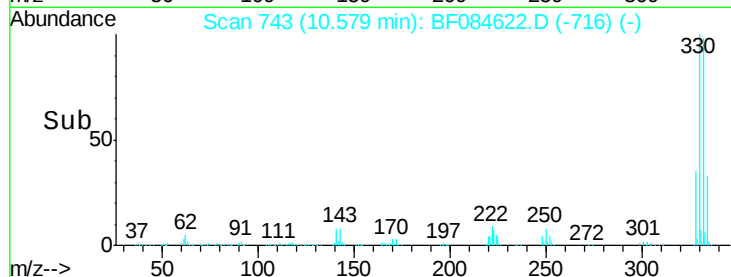
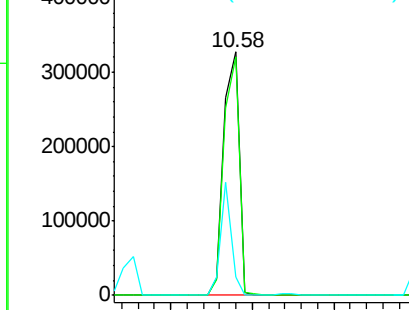
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	429531		
332	96.4	76.6	114.8	
141	32.8	27.8	41.6	

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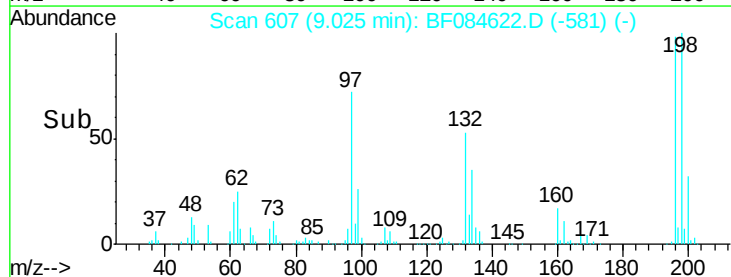
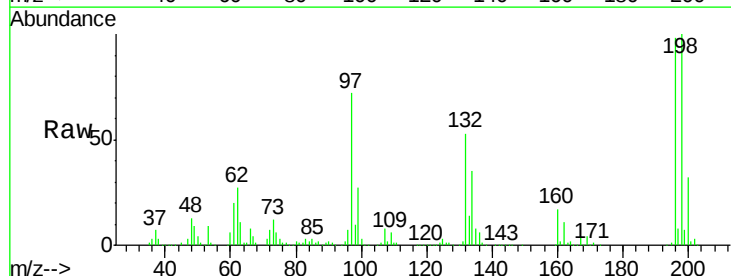
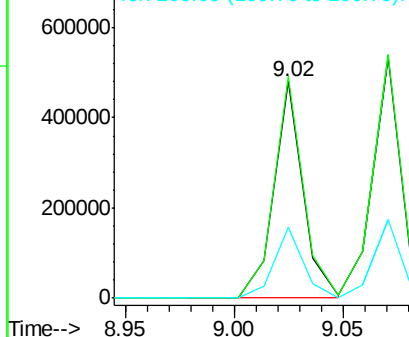
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.46 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	451494		
198	102.3	77.7	116.5	
200	32.8	24.6	37.0	

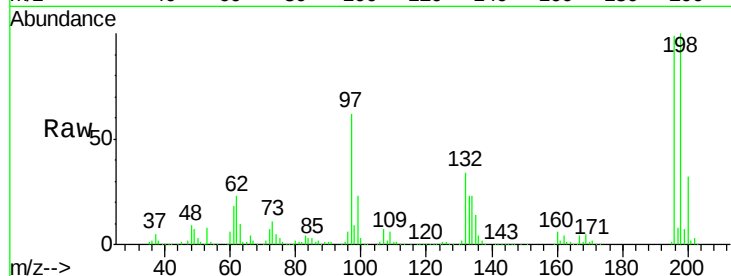
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 49.47 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

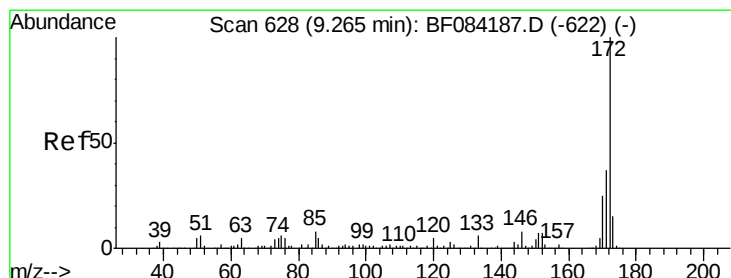
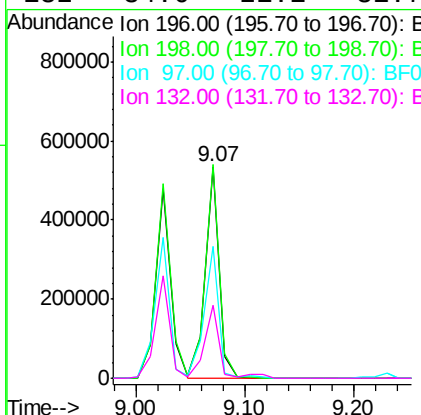
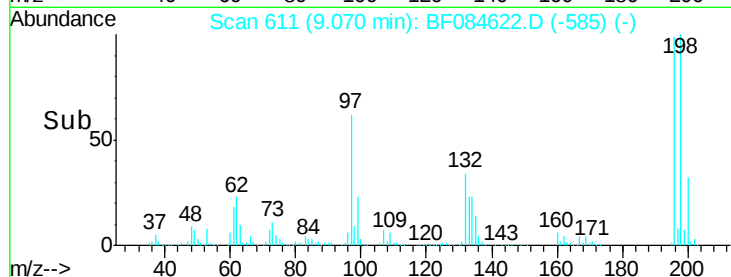
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	481571		
198	100.9	79.0	118.6	
97	62.1	33.0	49.6	
132	34.6	21.1	31.7	

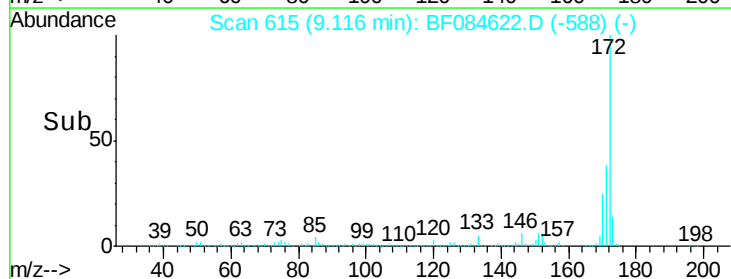
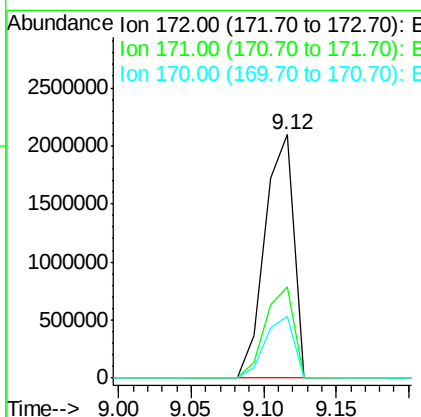
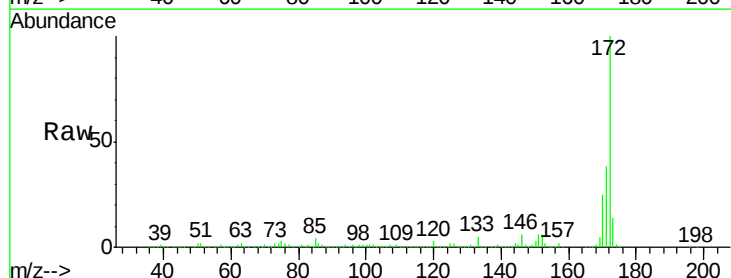
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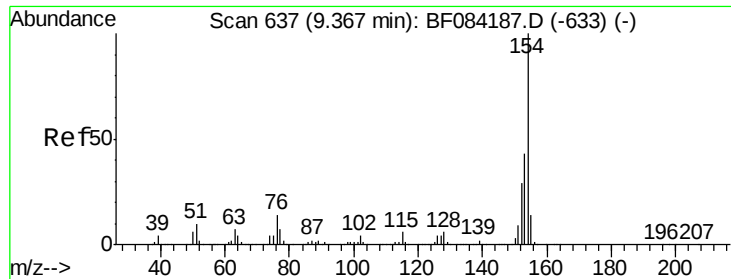
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 109.17 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2881645		
171	37.5	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 43.87 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

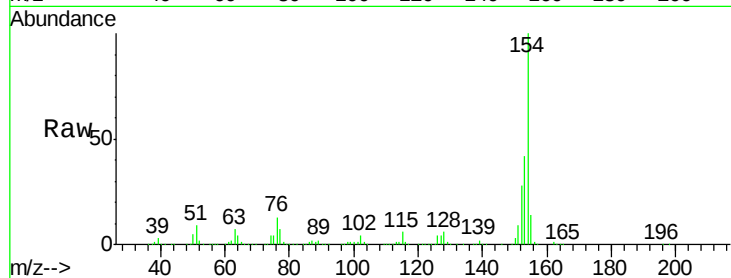
ClientSampleId :

SSTDCCC040EC

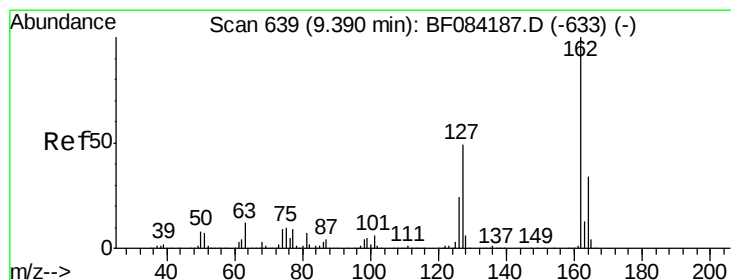
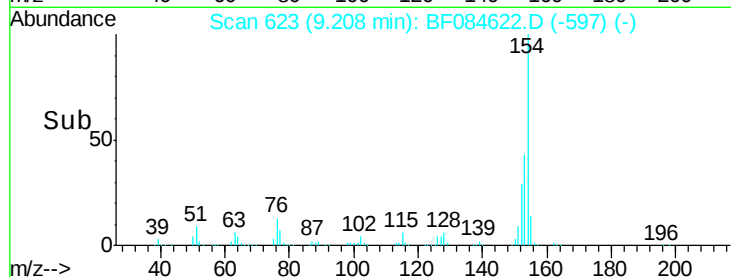
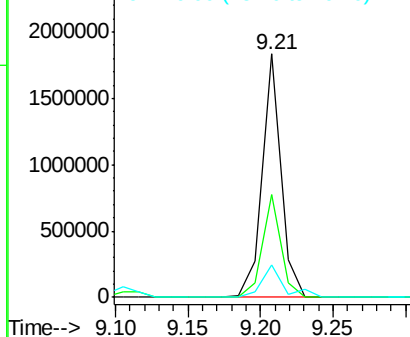
Tgt Ion:	154	Resp:	1646282
Ion Ratio	Lower	Upper	
154	100		
153	42.5	21.6	61.6
76	13.4	0.0	32.7

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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: 43.81 ng

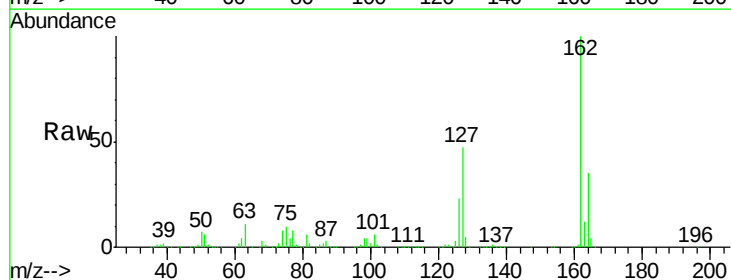
RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

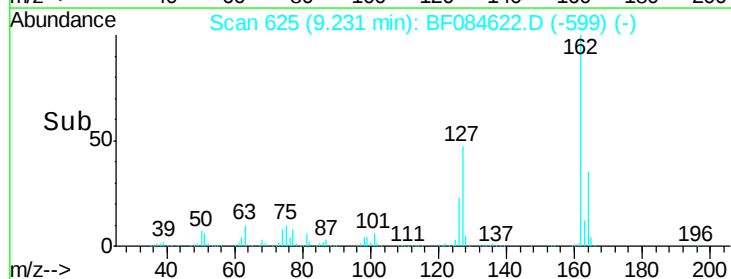
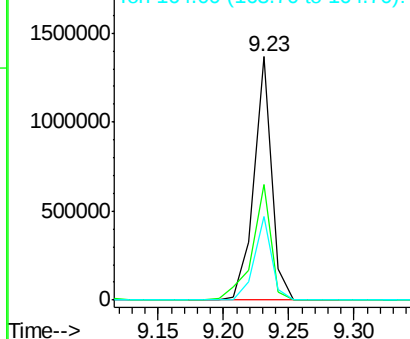
Lab File: BF084622.D

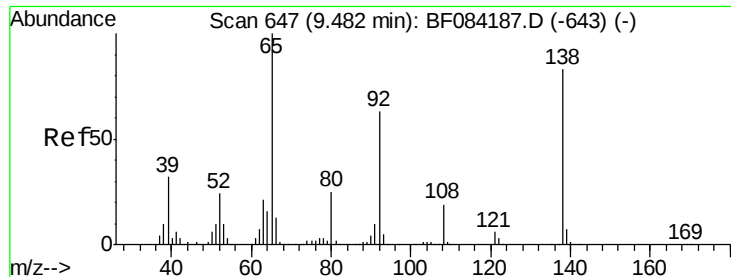
Acq: 27 Jan 2016 15:50

Tgt Ion:	162	Resp:	1291296
Ion Ratio	Lower	Upper	
162	100		
127	47.4	40.2	60.4
164	34.5	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





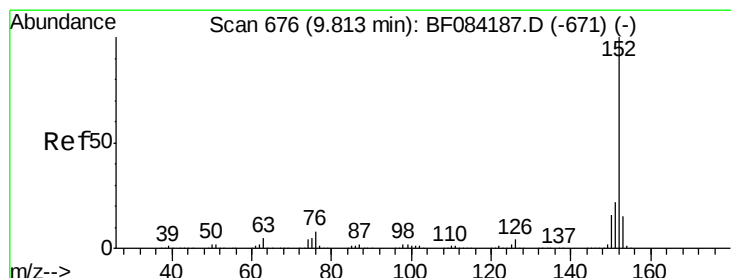
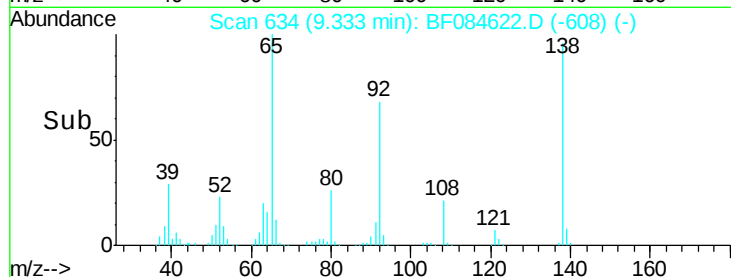
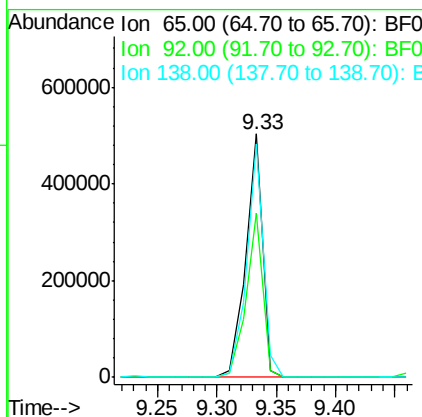
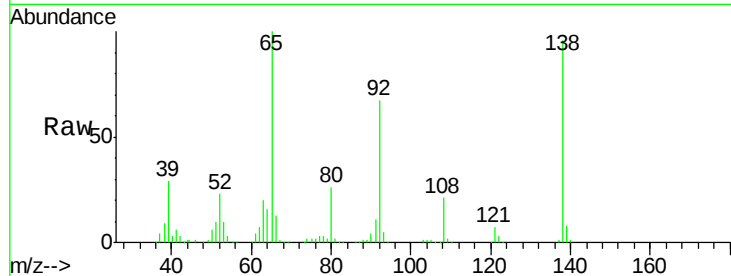
#47
 2-Nitroaniline
 Concen: 51.47 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.4	80.2
138	96.1	71.1	106.7

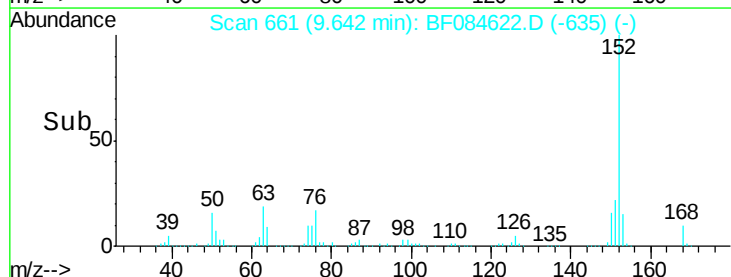
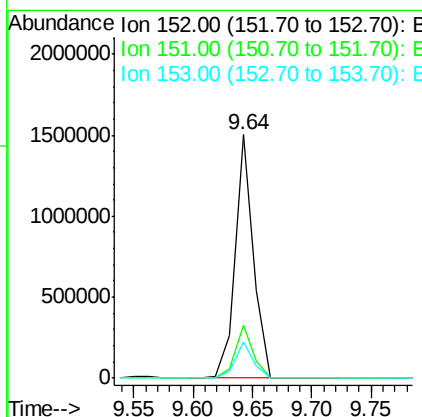
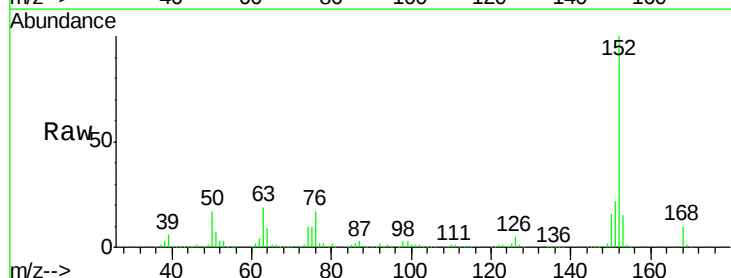
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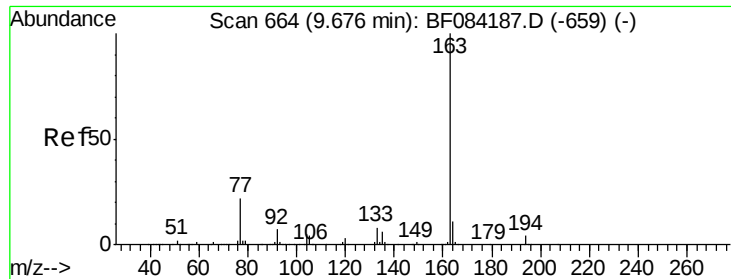
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#48
 Acenaphthylene
 Concen: 36.61 ng
 RT: 9.64 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	15.1	10.4	15.6





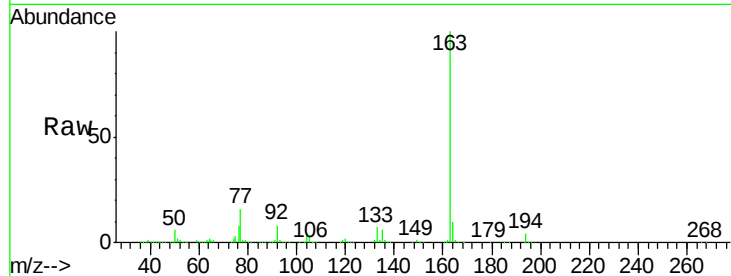
#49
Dimethylphthalate
Concen: 53.82 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

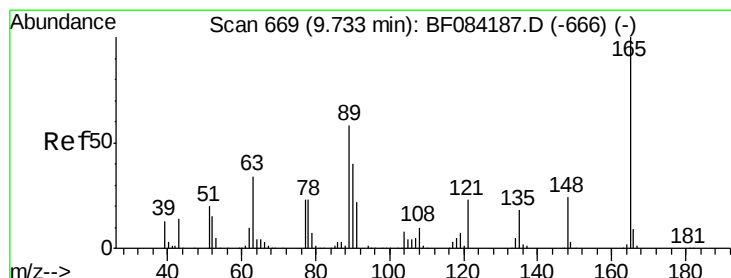
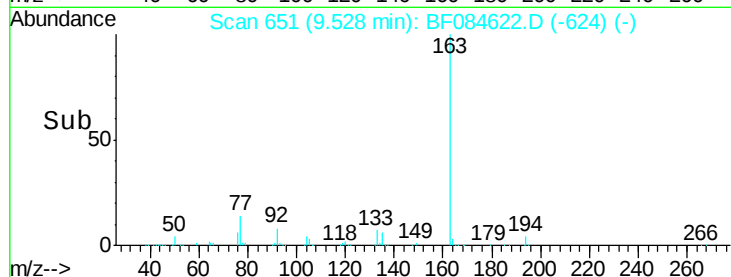
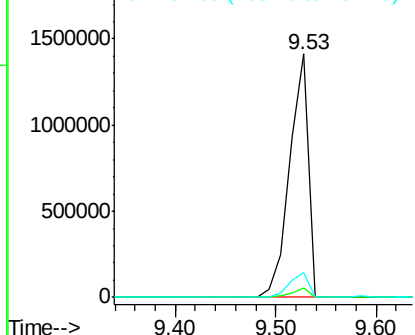
Tgt Ion:163 Resp: 1816590
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 10.2 8.0 12.0

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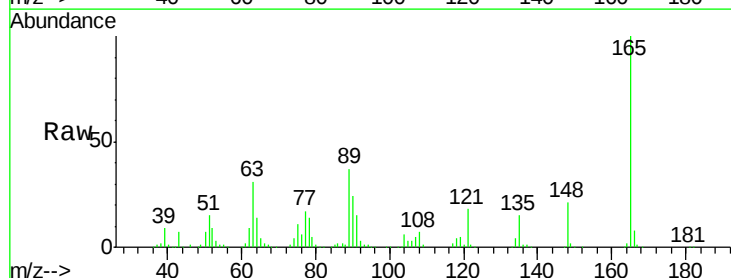


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

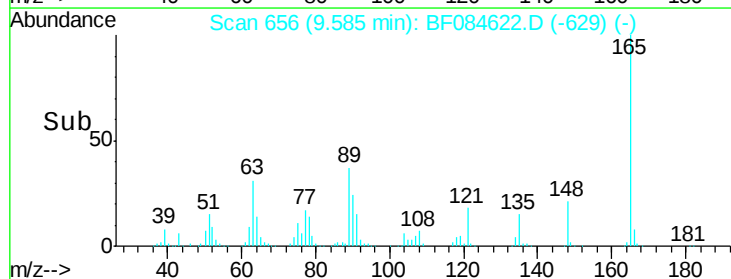
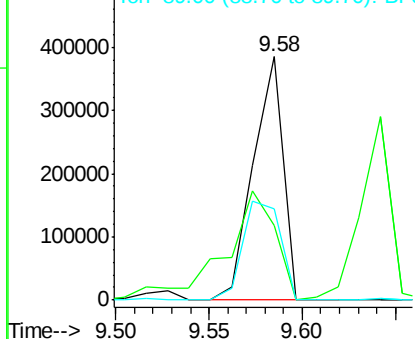


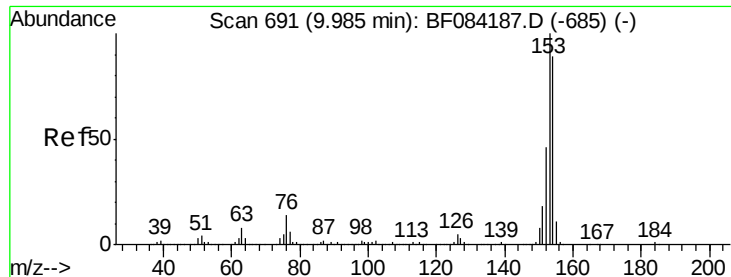
#50
2,6-Dinitrotoluene
Concen: 57.60 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion:165 Resp: 426379
Ion Ratio Lower Upper
165 100
63 30.9 28.8 43.2
89 37.5 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: 40.78 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

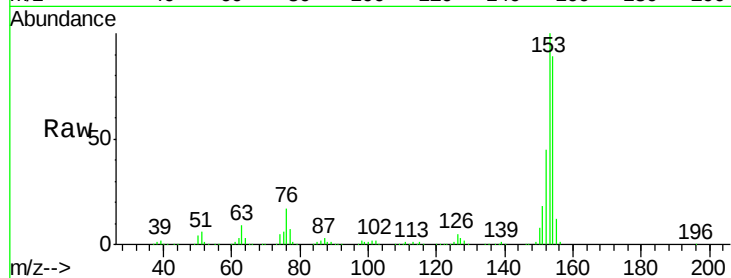
ClientSampleId :

SSTDCCC040EC

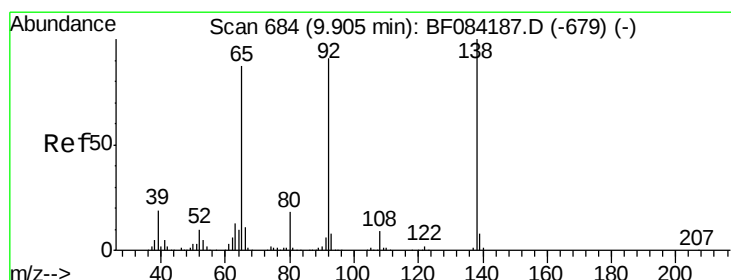
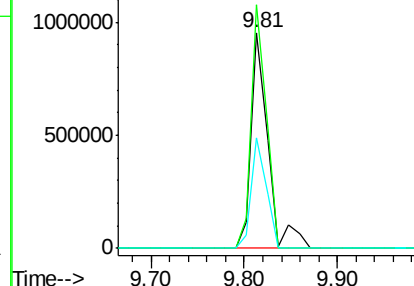
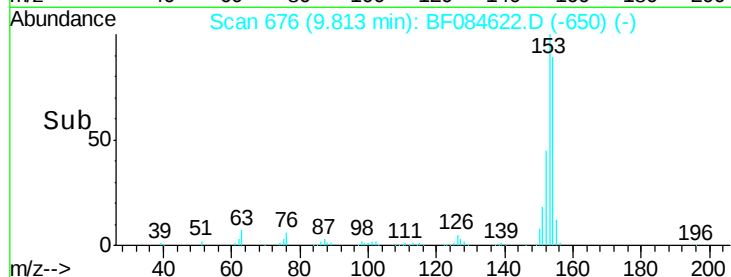
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.5	137.3
152	51.2	43.0	64.6



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: 41.01 ng

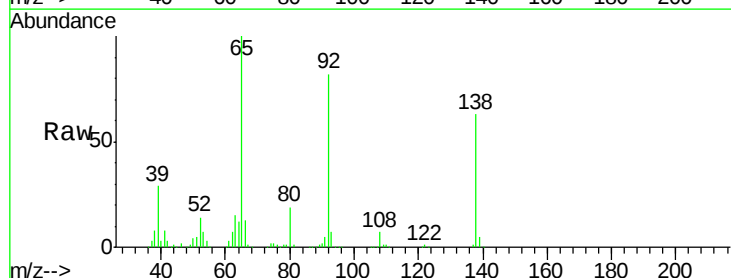
RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

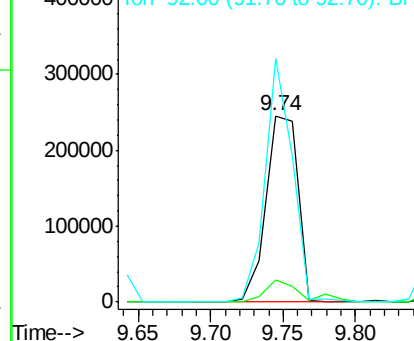
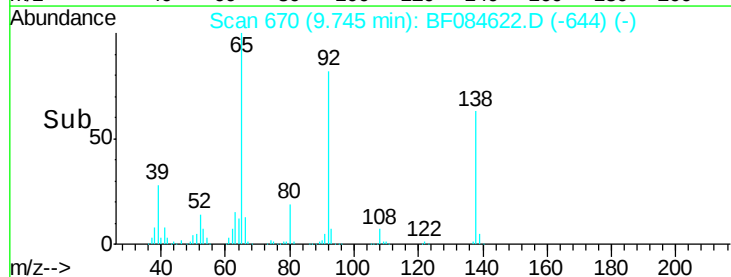
Lab File: BF084622.D

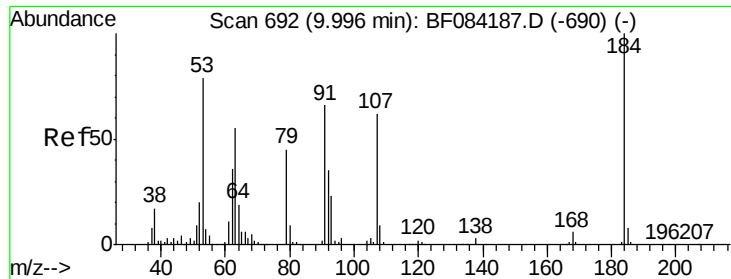
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.5	15.7
92	130.5	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





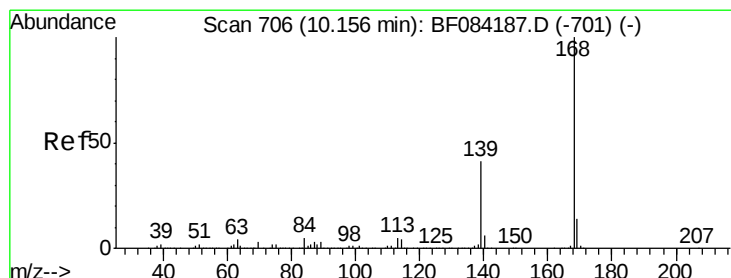
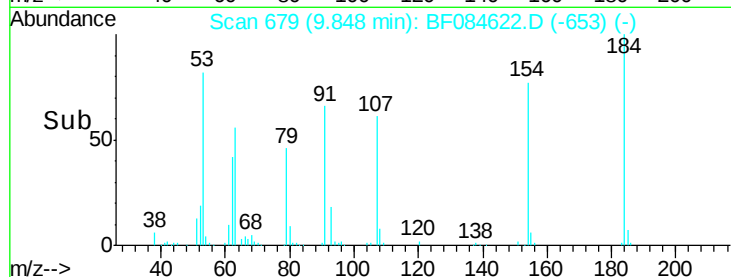
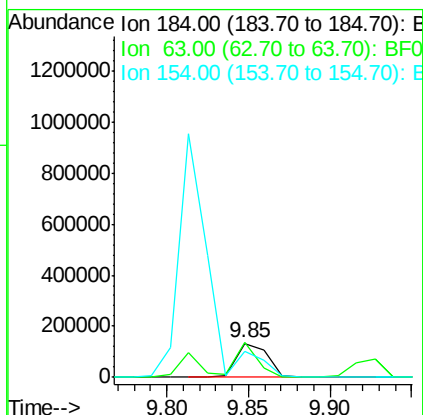
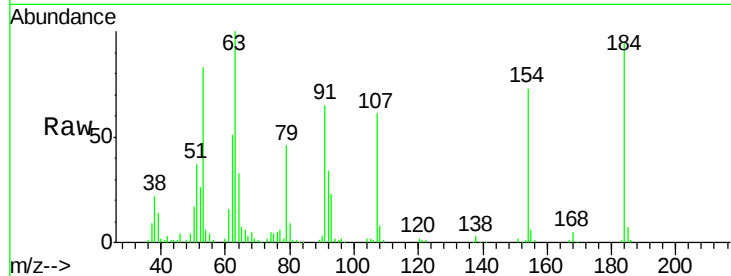
#53
2,4-Dinitrophenol
Concen: 57.08 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 176627
Ion Ratio Lower Upper
184 100
63 105.1 43.1 64.7#
154 76.9 60.5 90.7

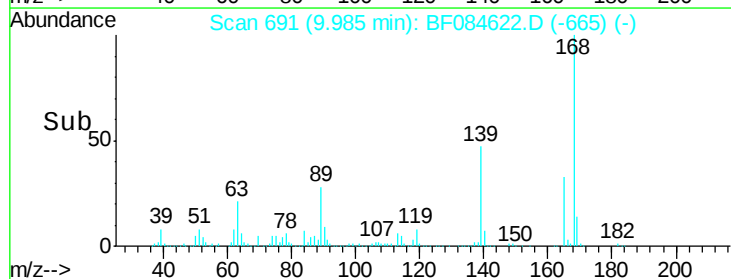
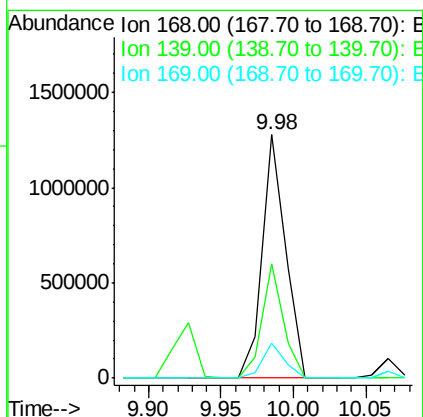
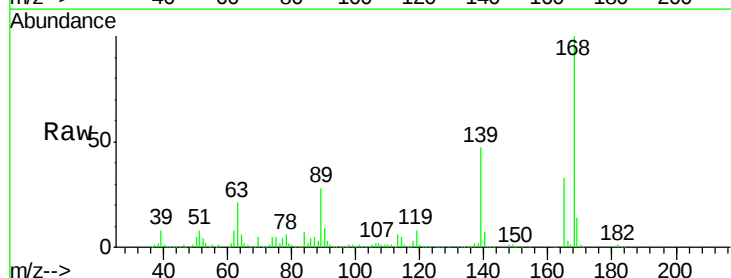
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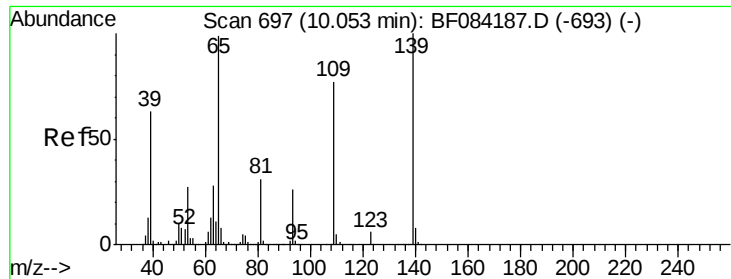
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#54
Dibenzofuran
Concen: 37.06 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion:168 Resp: 1421894
Ion Ratio Lower Upper
168 100
139 46.9 30.5 45.7#
169 14.2 10.4 15.6





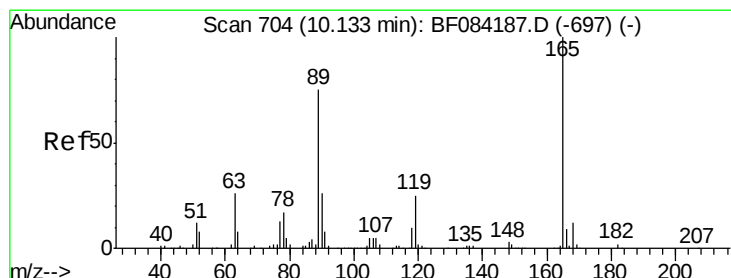
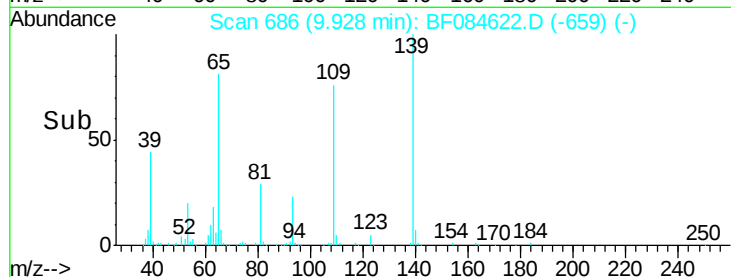
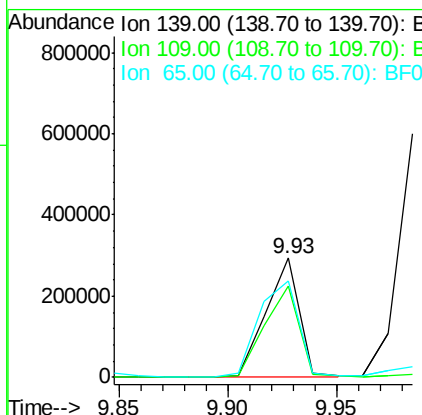
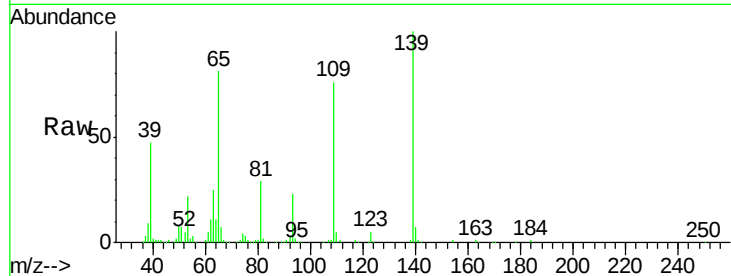
#55
4-Nitrophenol
Concen: 47.57 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	316719		
109	76.5	58.5	98.5	
65	81.0	57.6	97.6	

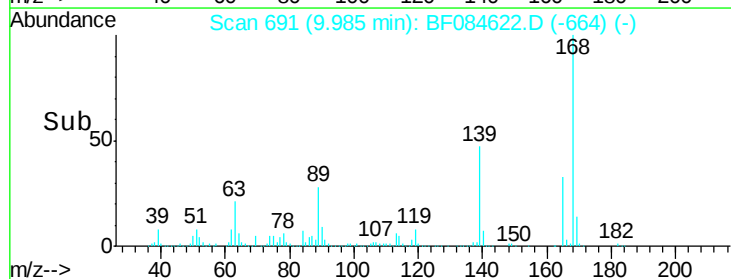
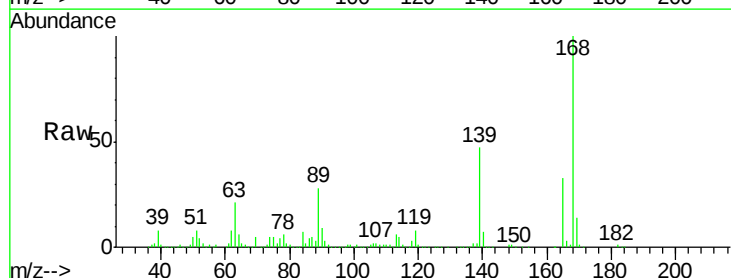
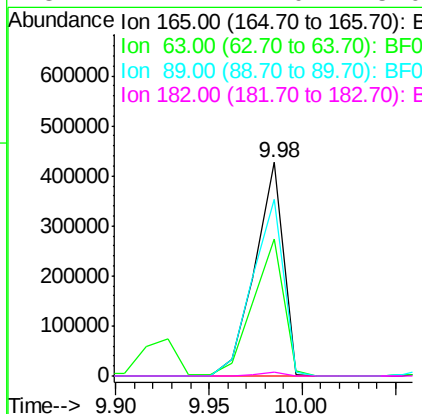
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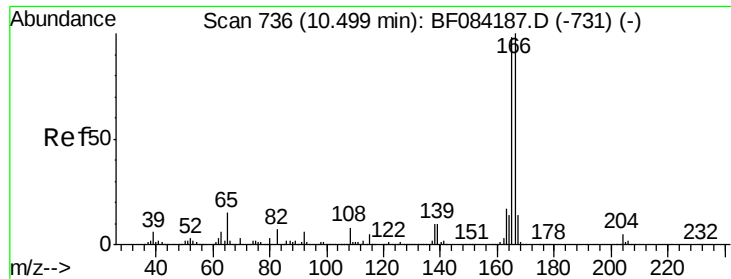
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#56
2,4-Dinitrotoluene
Concen: 48.09 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	450546		
63	63.9	36.7	55.1#	
89	82.6	61.9	92.9	
182	2.1	2.0	3.0	





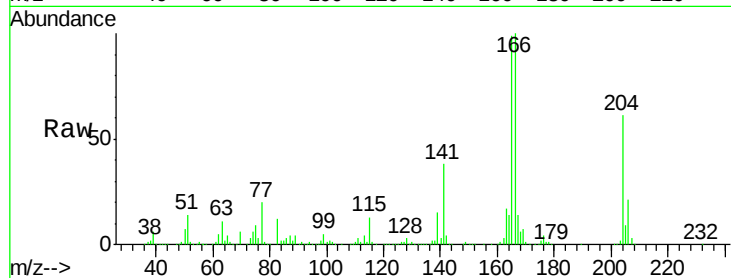
#57
 Fluorene
 Concen: 37.29 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.1	118.7
167	13.9	10.4	15.6

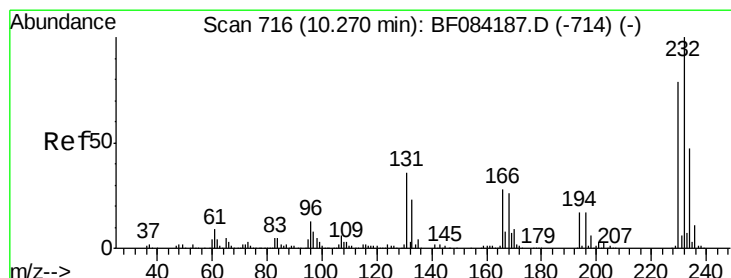
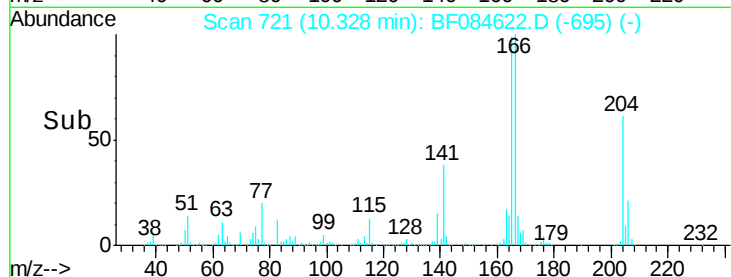
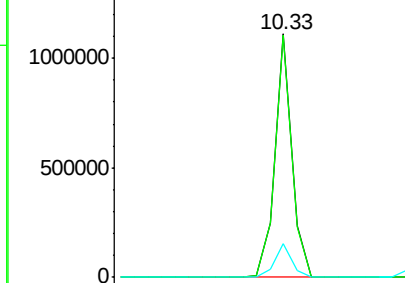


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.11 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.6	47.0	70.6
130	2.9	2.0	3.0
166	35.8	30.5	45.7

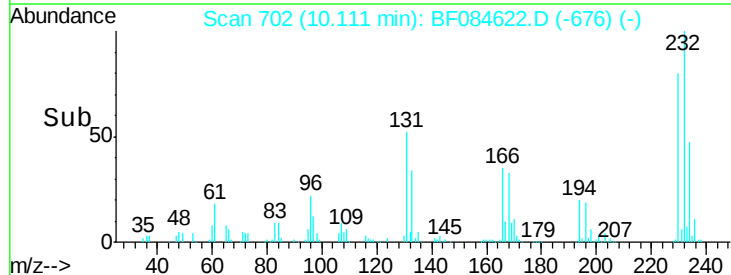
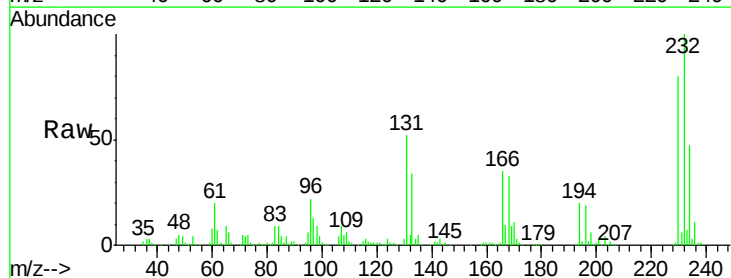
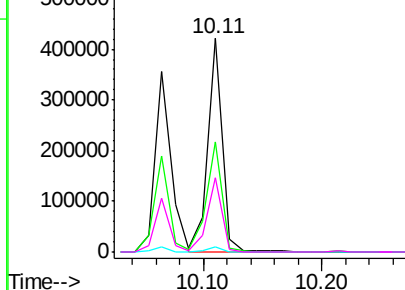
Abundance

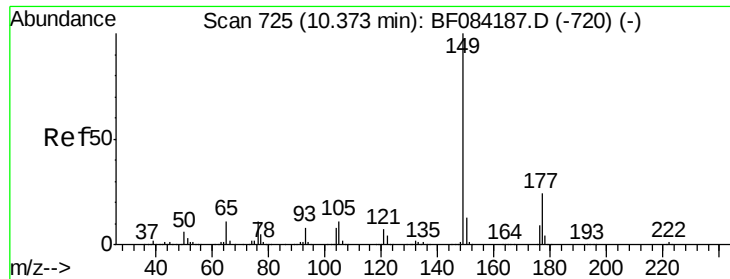
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





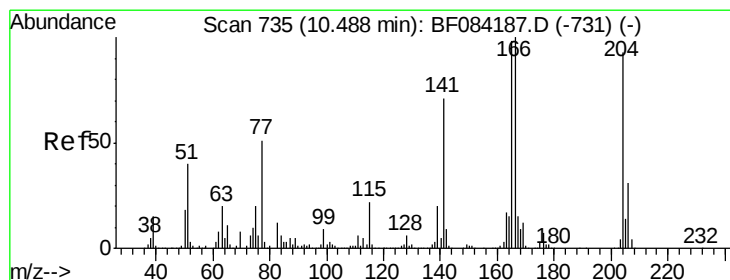
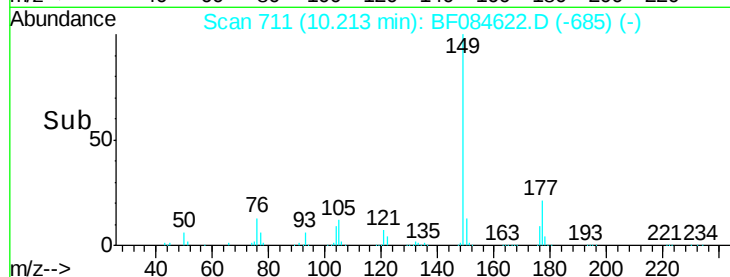
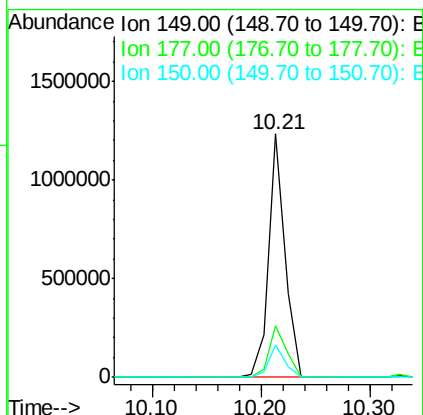
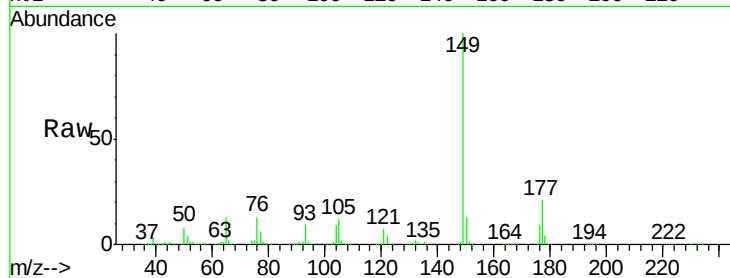
#59
Diethylphthalate
Concen: 38.99 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 1297562
Ion Ratio Lower Upper
149 100
177 21.2 17.3 25.9
150 13.2 9.8 14.8

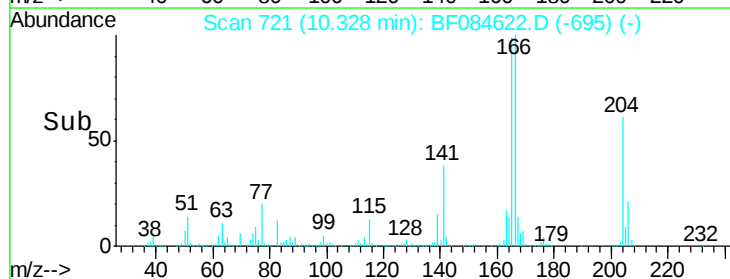
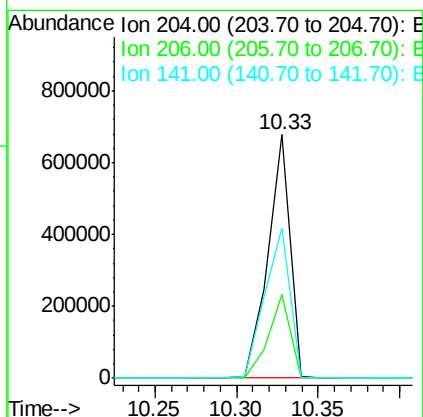
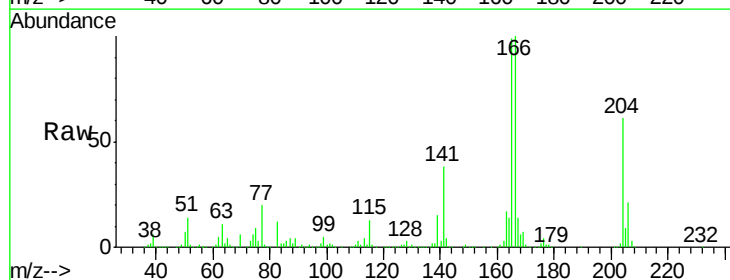
Manual Integrations
APPROVED

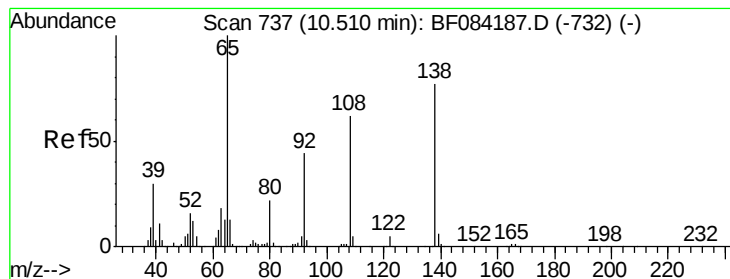
mohammad
1/28/2016 2:21:51 PM



#60
4-Chlorophenyl-phenylether
Concen: 53.29 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion:204 Resp: 639753
Ion Ratio Lower Upper
204 100
206 34.2 25.7 38.5
141 61.8 55.1 82.7





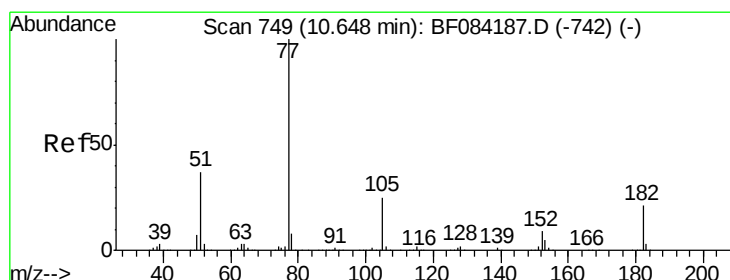
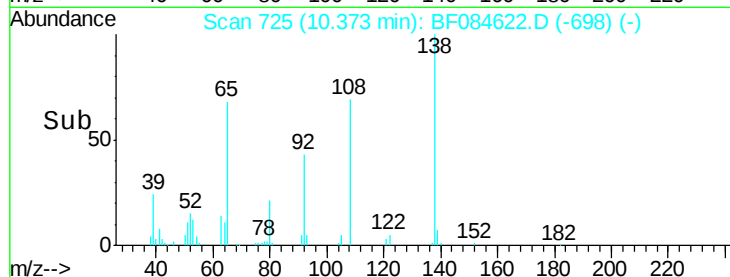
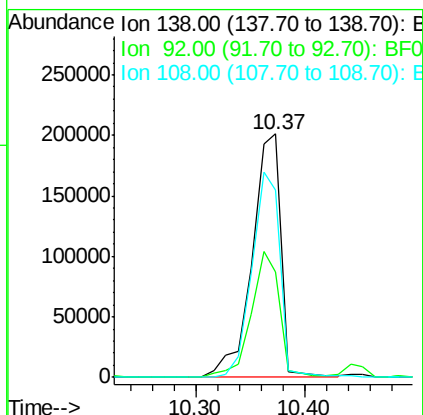
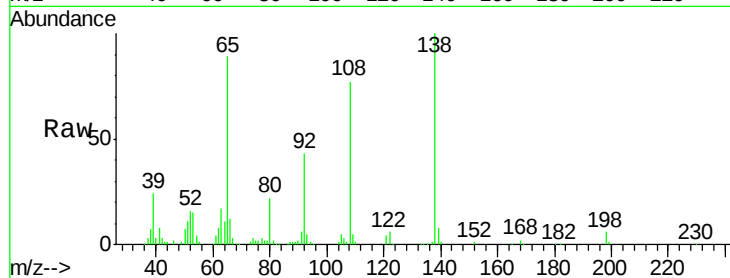
#61
4-Nitroaniline
Concen: 45.54 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.1	32.6	72.6
108	76.9	68.6	108.6

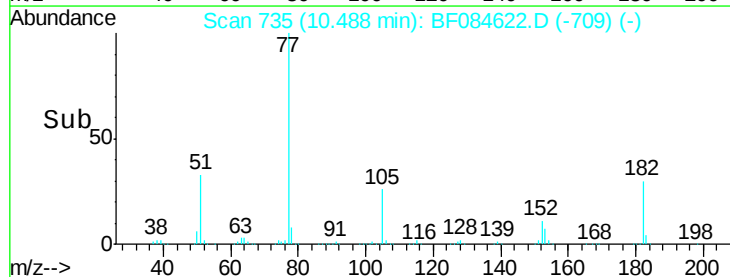
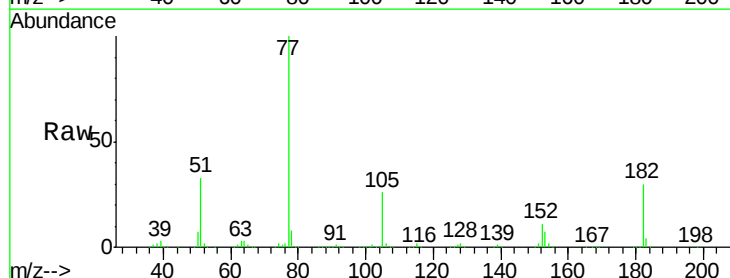
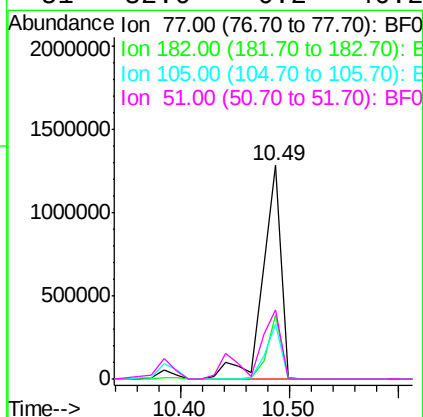
Manual Integrations
APPROVED

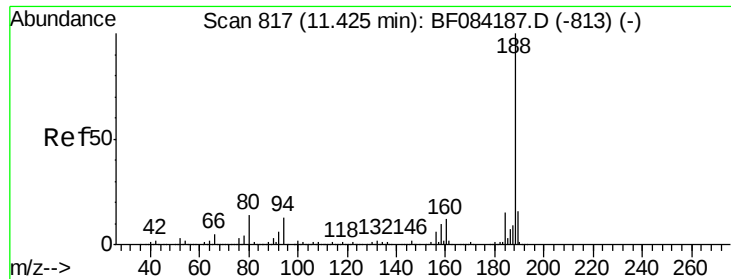
mohammad
1/28/2016 2:21:51 PM



#62
Azobenzene
Concen: 41.37 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.9	8.3	48.3
105	25.9	4.6	44.6
51	32.6	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF084622.D

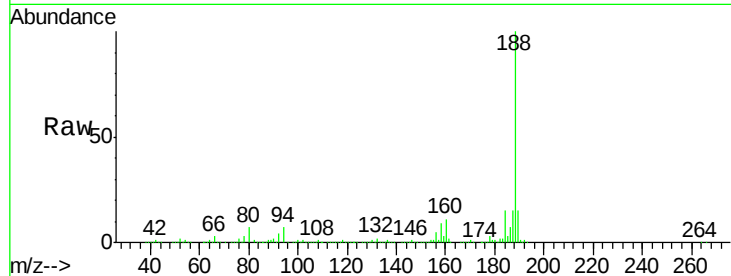
Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampled :

SSTDCCC040EC



Tgt Ion:188 Resp: 864488

Ion Ratio Lower Upper

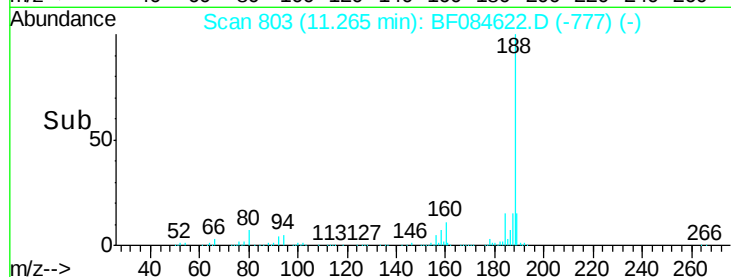
188 100

94 6.6 9.0 13.4#

80 7.0 9.6 14.4#

Manual Integrations
APPROVED

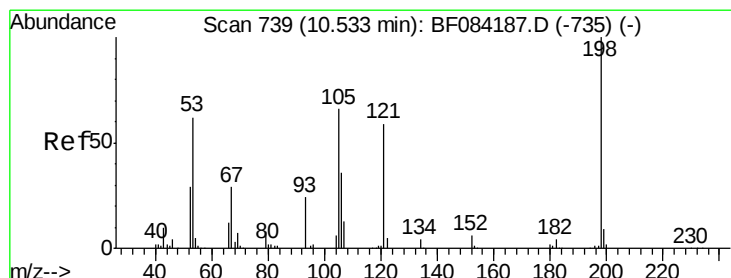
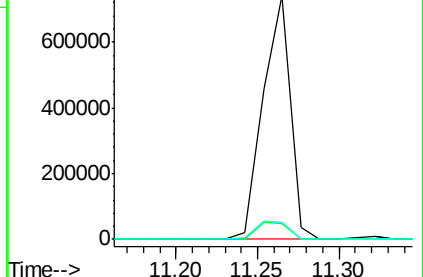
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.93 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

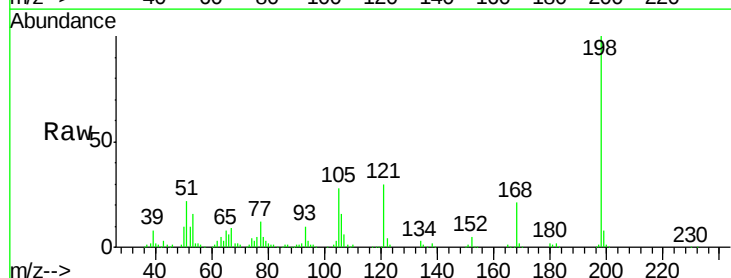
Tgt Ion:198 Resp: 250993

Ion Ratio Lower Upper

198 100

51 22.1 18.9 58.9

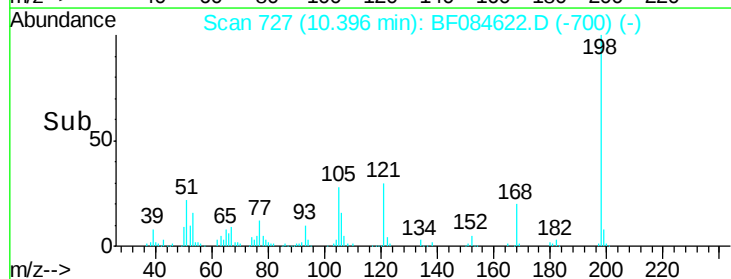
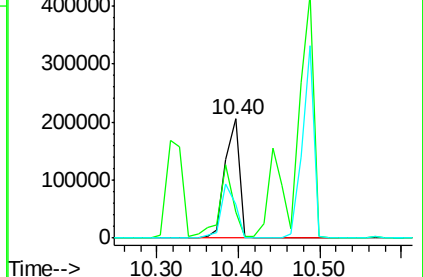
105 28.0 26.4 66.4

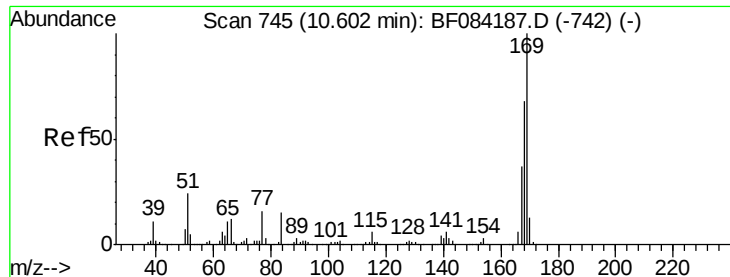


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.60 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

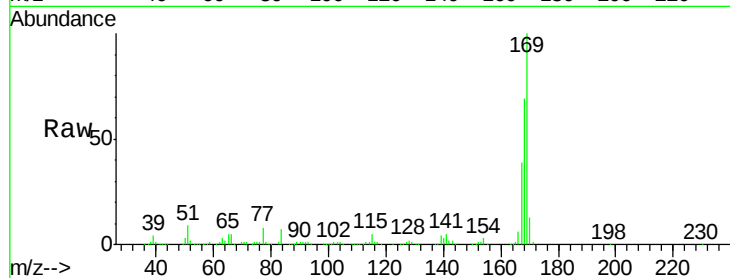
SSTDCCC040EC

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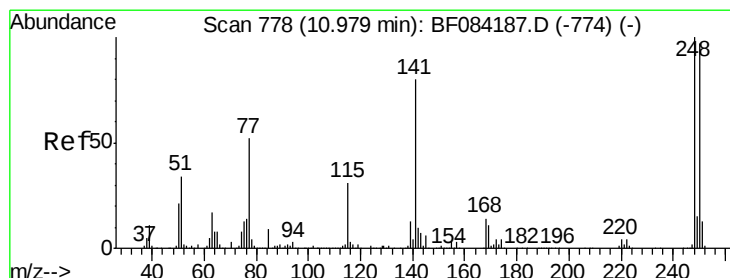
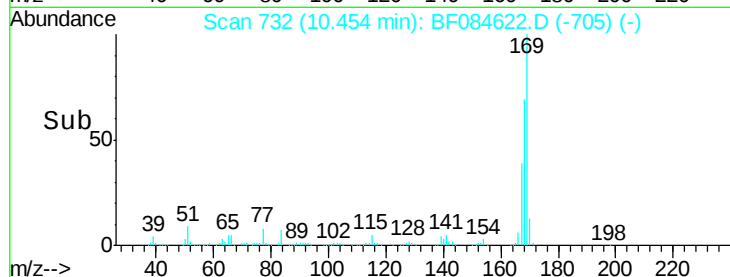
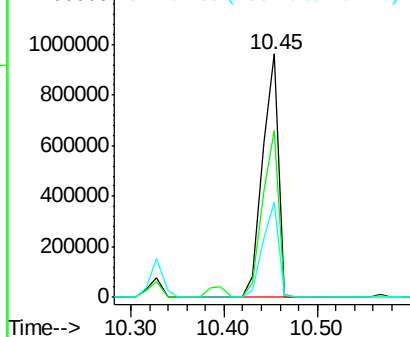
mohammad

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Tgt Ion:	169	Resp:	1149894
Ion	Ratio	Lower	Upper
169	100		
168	68.7	55.1	82.7
167	38.9	30.0	45.0



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: 42.18 ng

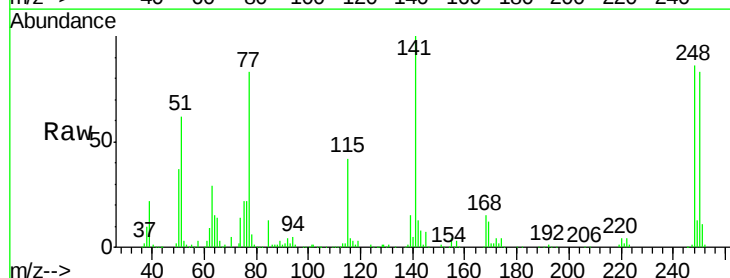
RT: 10.81 min Scan# 763

Delta R.T. 0.00 min

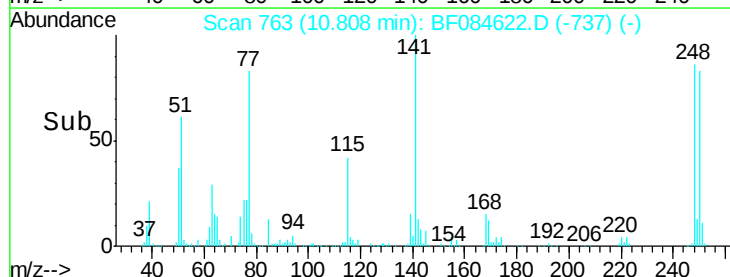
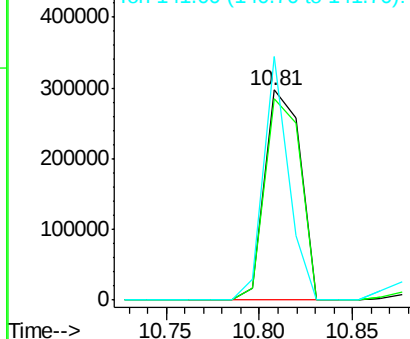
Lab File: BF084622.D

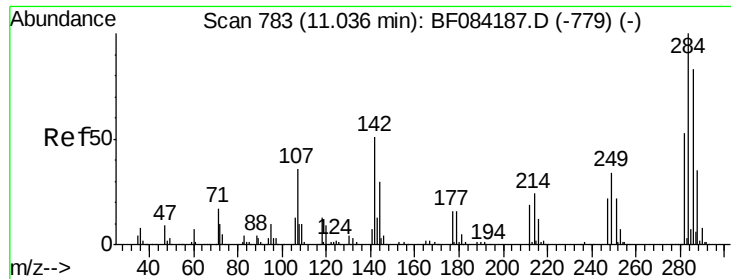
Acq: 27 Jan 2016 15:50

Tgt Ion:	248	Resp:	392515
Ion	Ratio	Lower	Upper
248	100		
250	95.7	78.4	117.6
141	116.0	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





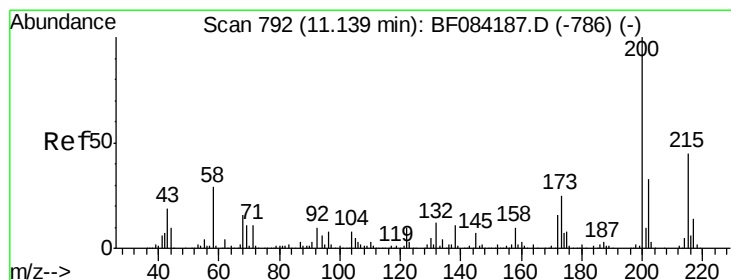
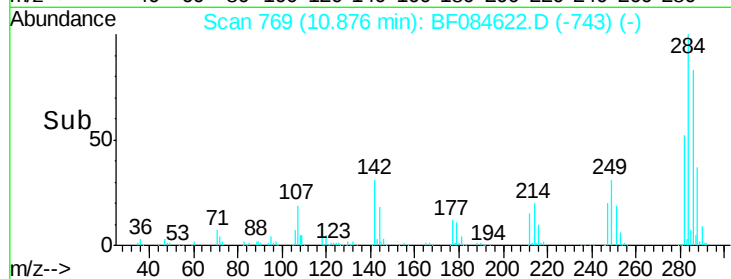
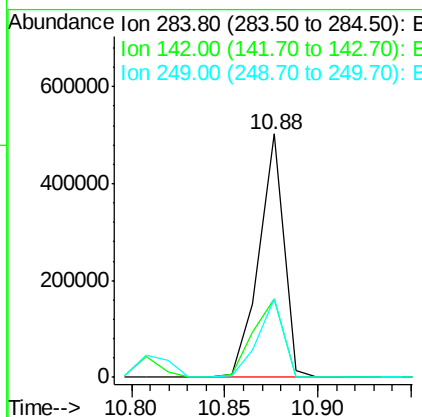
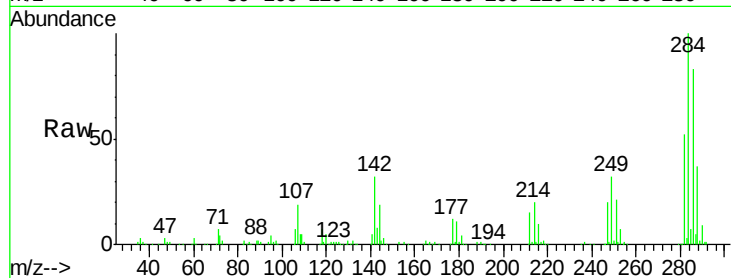
#67
Hexachlorobenzene
Concen: 44.17 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	462628		
142	32.0	22.2	33.4	
249	32.1	24.6	37.0	

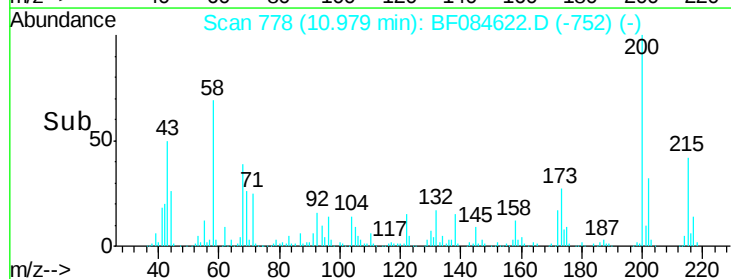
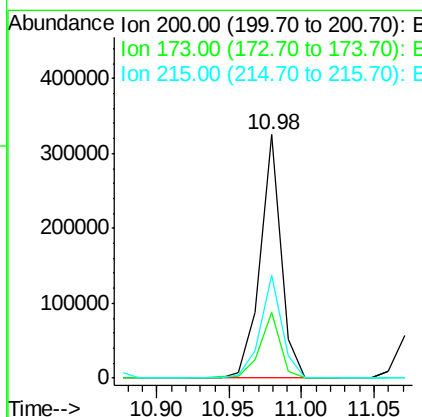
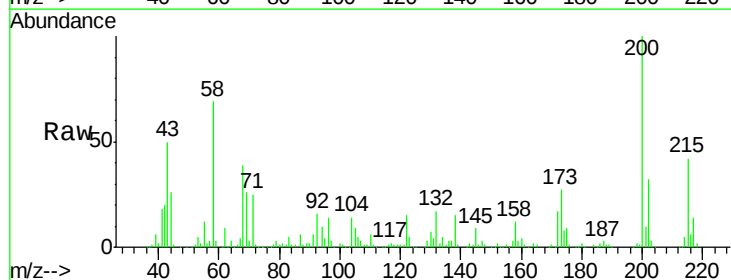
Manual Integrations
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#68
Atrazine
Concen: 35.99 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	325578		
173	27.1	9.5	49.5	
215	42.0	23.8	63.8	





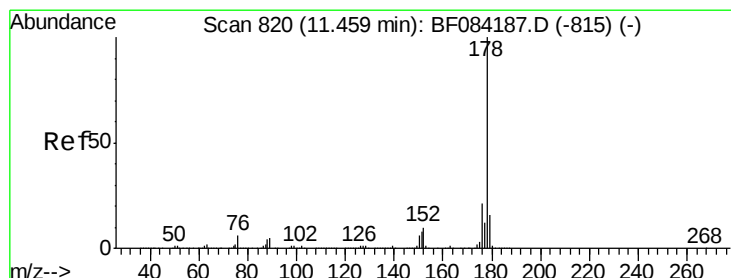
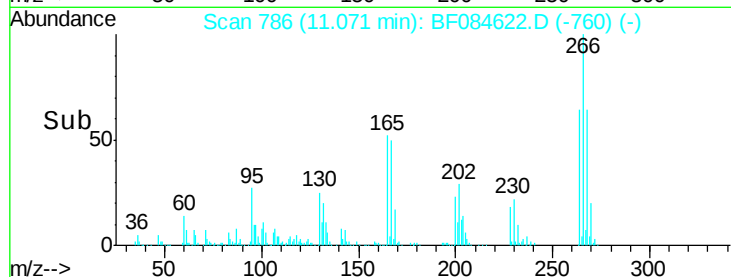
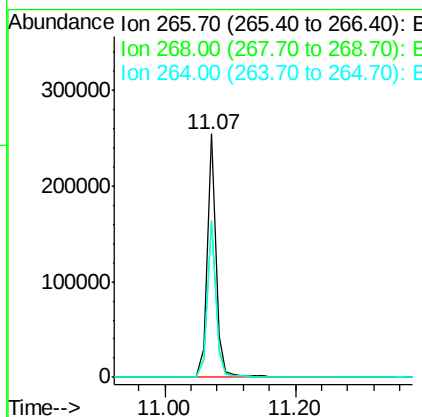
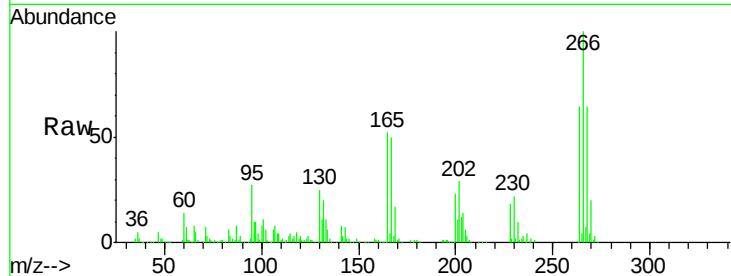
#69
 Pentachlorophenol
 Concen: 44.31 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	240639		
268	64.4	52.4	78.6	
264	64.2	50.2	75.2	

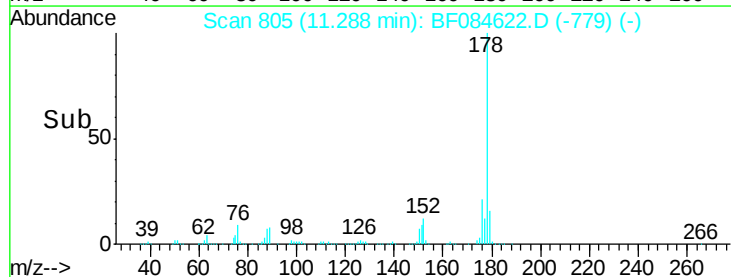
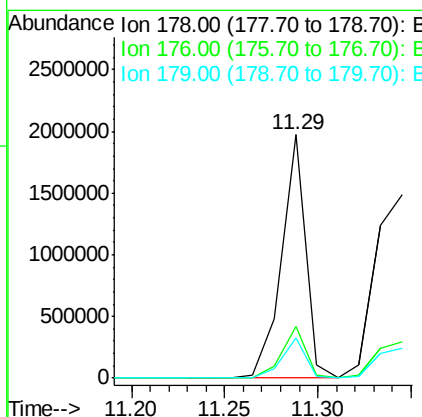
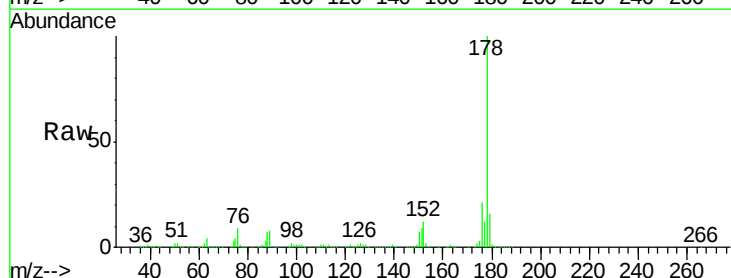
Manual Integrations
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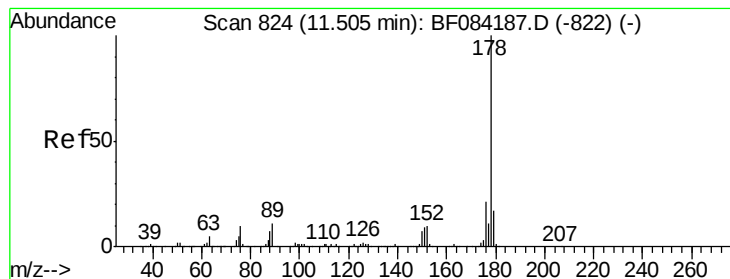
mohammad
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#70
 Phenanthrene
 Concen: 39.25 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1775000		
176	21.1	15.3	22.9	
179	16.5	12.0	18.0	





#71

Anthracene

Concen: 44.02 ng

RT: 11.35 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:178 Resp: 1951438

Ion Ratio Lower Upper

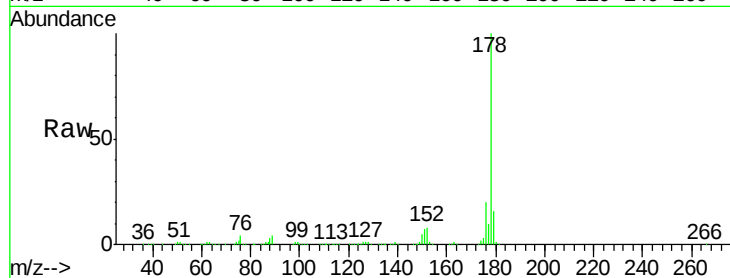
178 100

176 20.0 15.4 23.0

179 16.0 12.5 18.7

Manual Integrations
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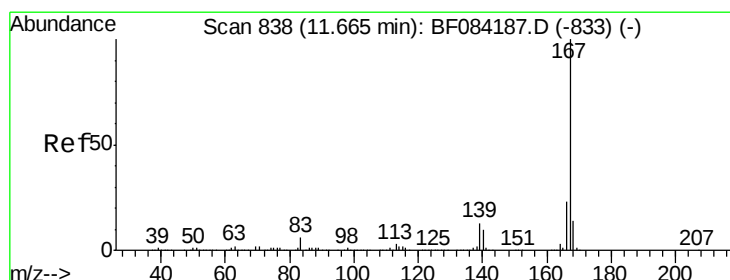
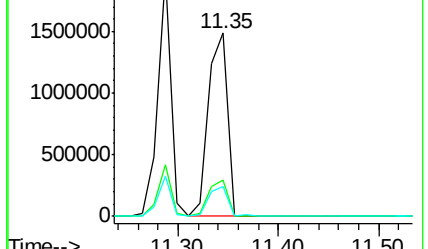
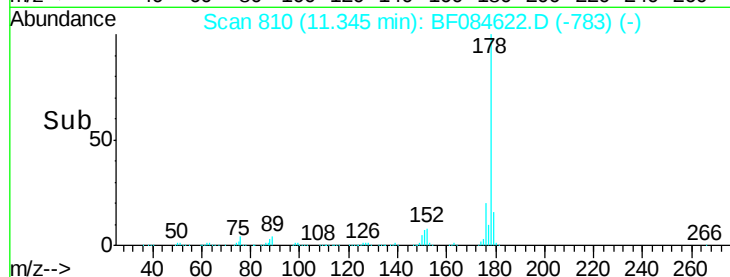
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.19 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

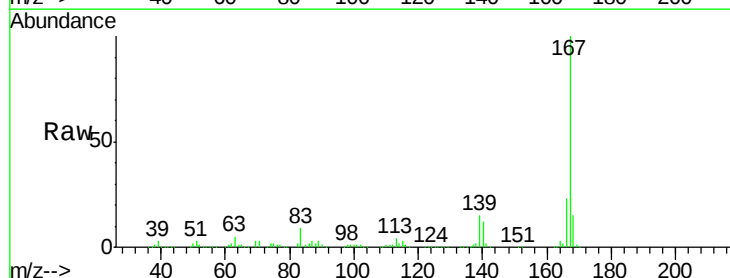
Tgt Ion:167 Resp: 1611447

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

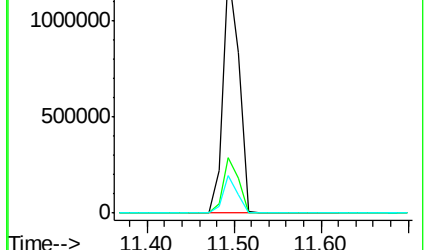
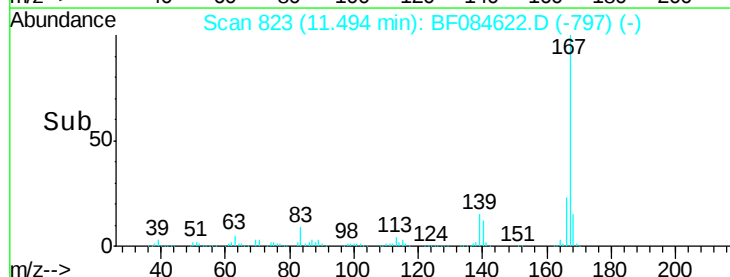
139 15.4 11.8 17.8

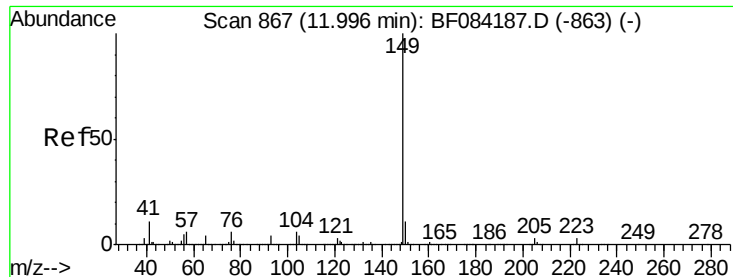


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.35 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

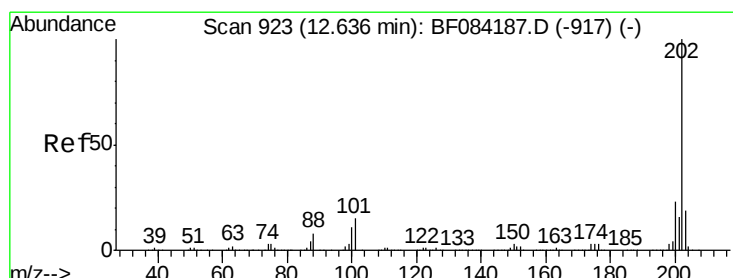
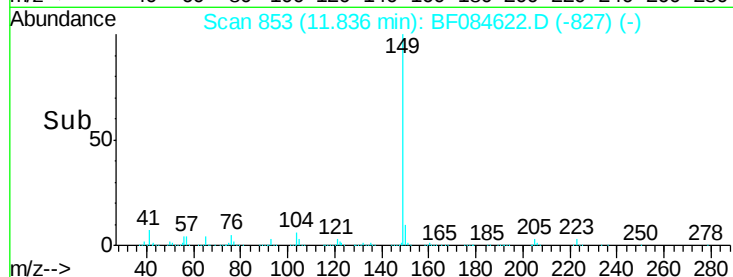
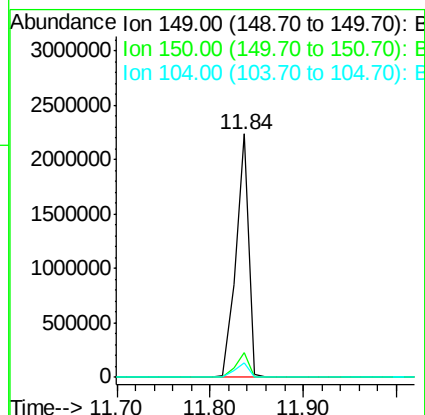
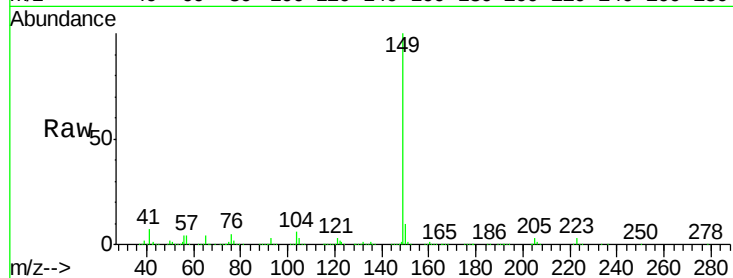
SSTDCCC040EC

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.1	10.7
104	5.8	3.2	4.8



#74

Fluoranthene

Concen: 42.57 ng

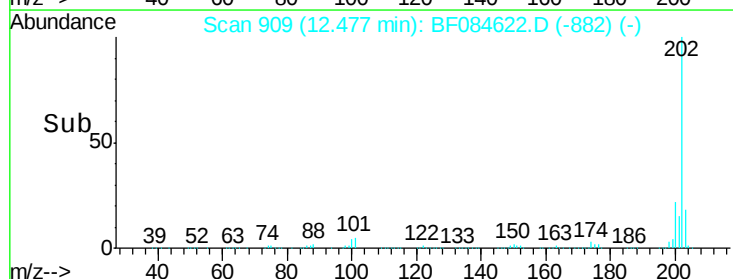
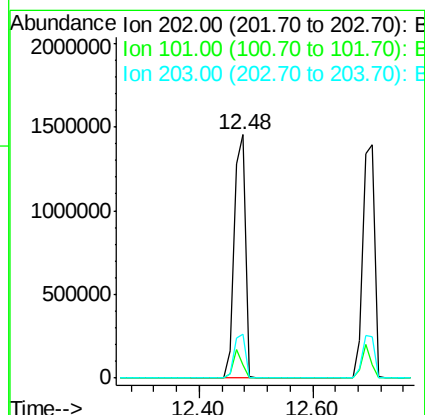
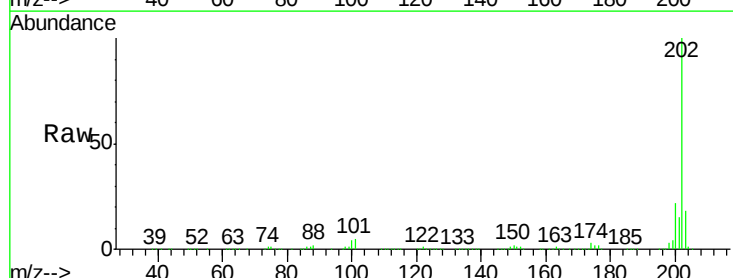
RT: 12.48 min Scan# 909

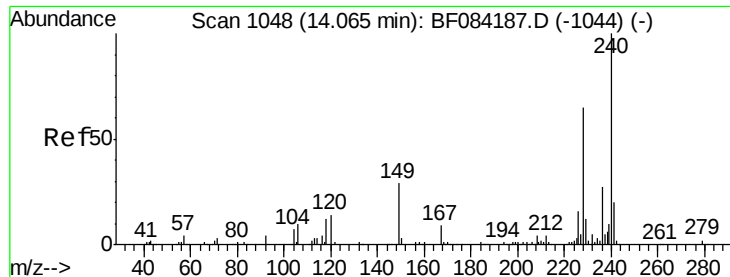
Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	32.8
203	18.1	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

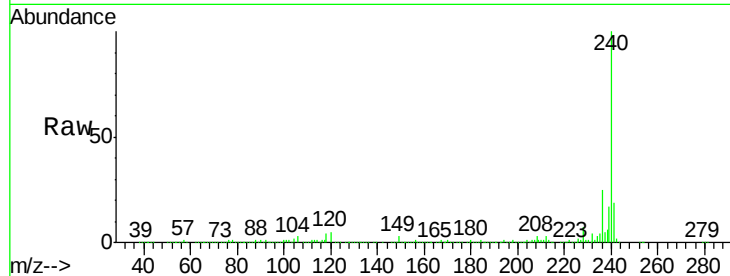
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	676053		
120	4.9	9.5	14.3#	
236	25.3	20.6	31.0	

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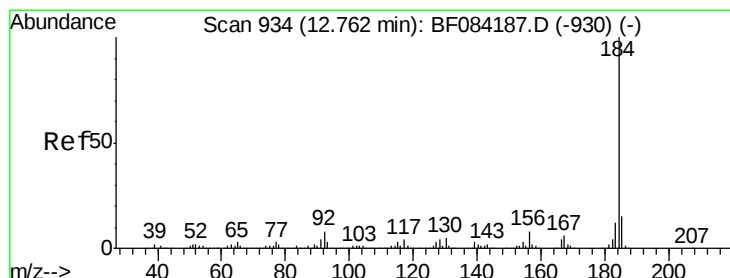
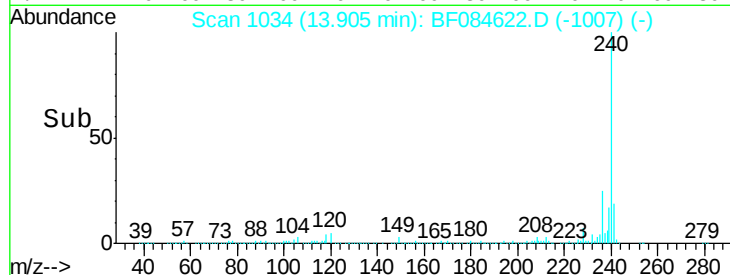
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.91

Time-->



#76

Benzidine

Concen: 37.65 ng

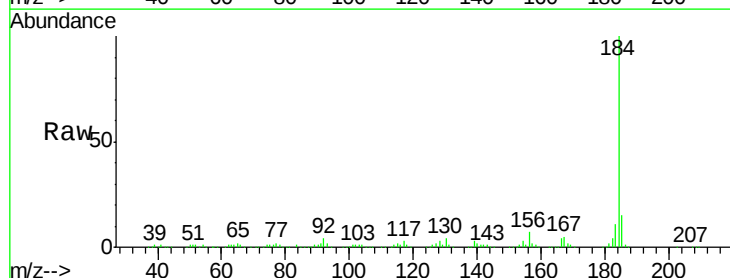
RT: 12.60 min Scan# 920

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	912536		
185	14.6	12.2	18.2	
183	11.5	9.8	14.8	



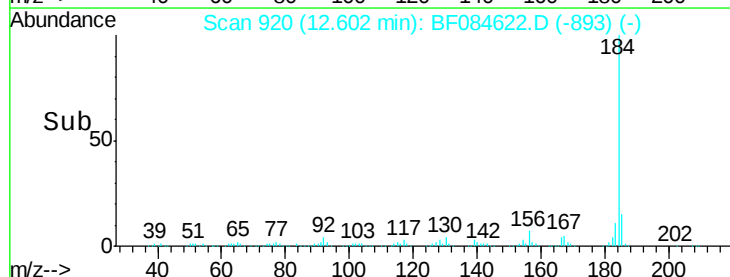
Abundance Ion 184.00 (183.70 to 184.70): E

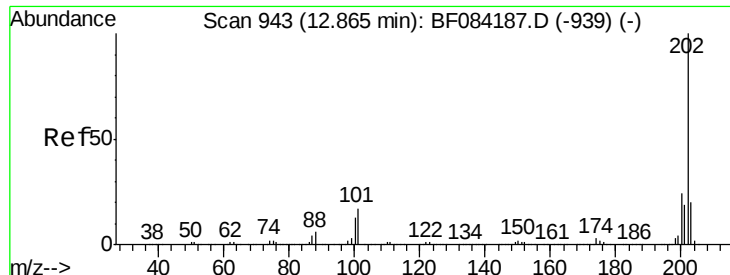
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.60

Time-->





#77

Pyrene

Concen: 38.45 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:202 Resp: 2039847

Ion Ratio Lower Upper

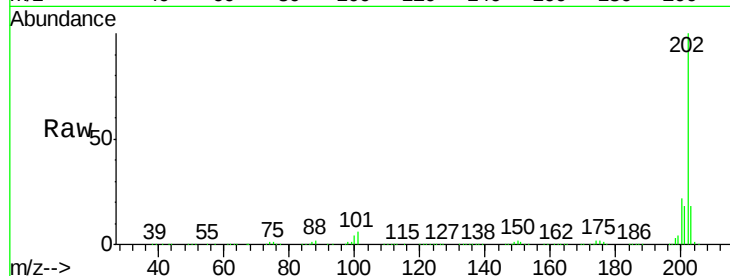
202 100

200 22.2 17.2 25.8

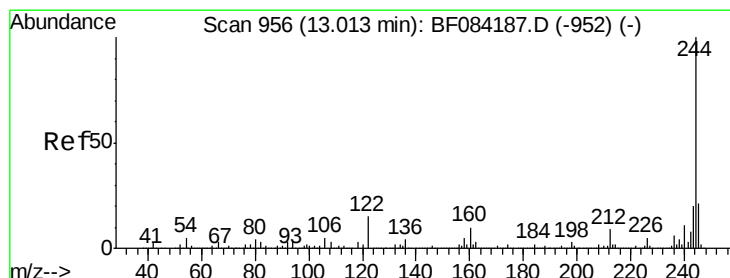
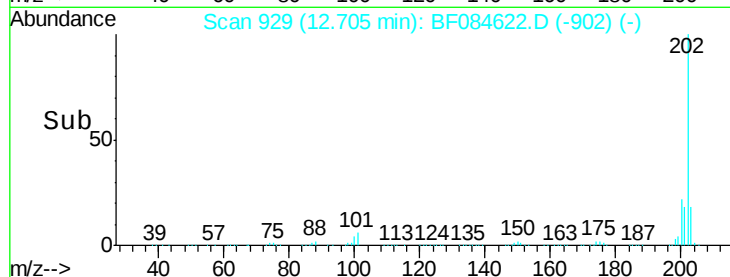
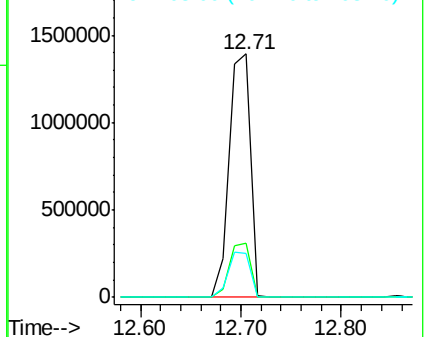
203 17.8 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.05 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

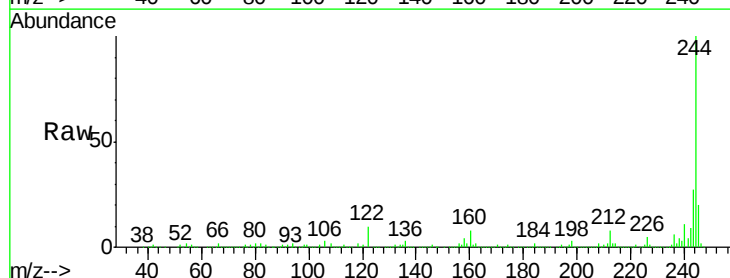
Tgt Ion:244 Resp: 2485058

Ion Ratio Lower Upper

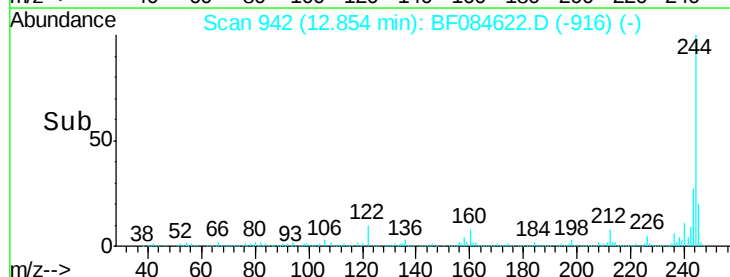
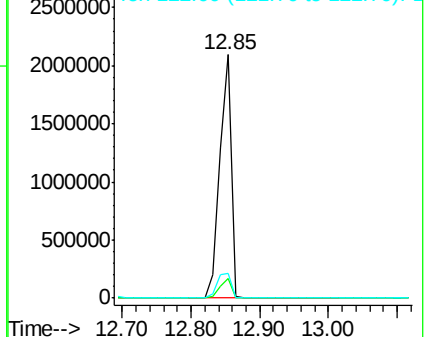
244 100

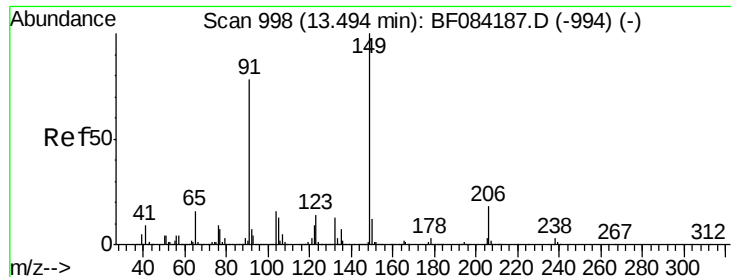
212 7.8 5.7 8.5

122 9.9 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





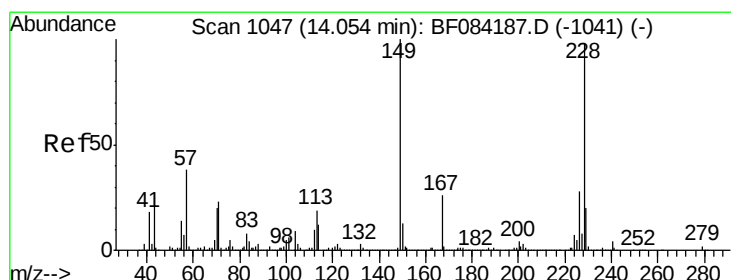
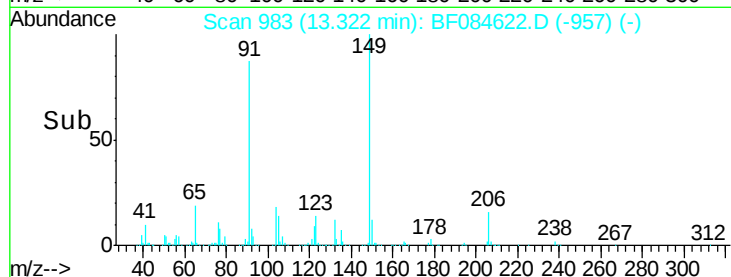
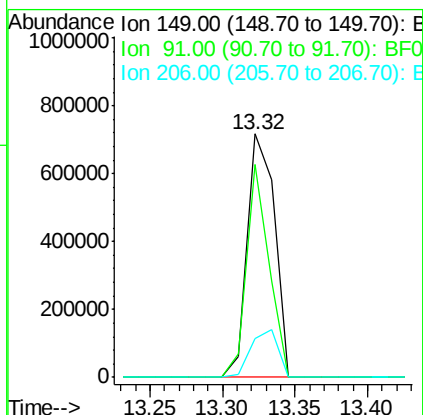
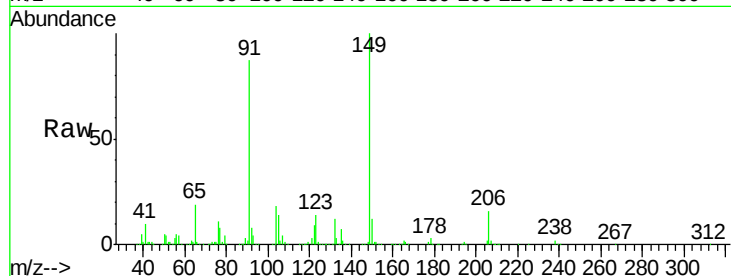
#79
Butylbenzylphthalate
Concen: 40.82 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
149	100		
91	87.2	57.6	86.4#
206	15.7	13.2	19.8

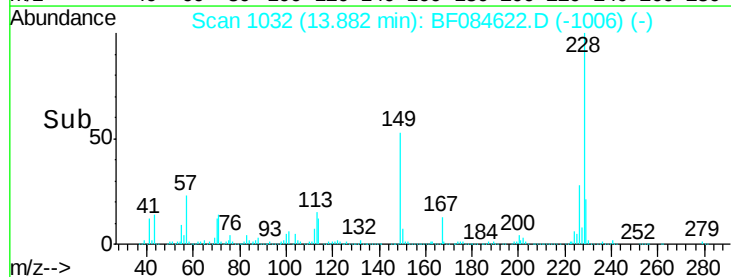
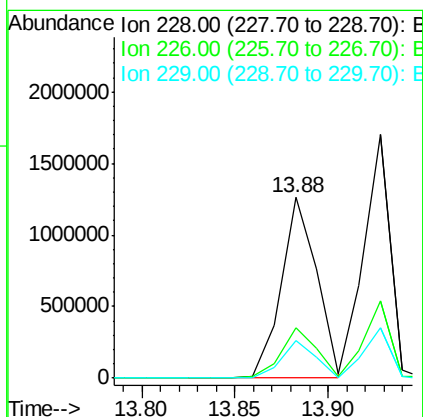
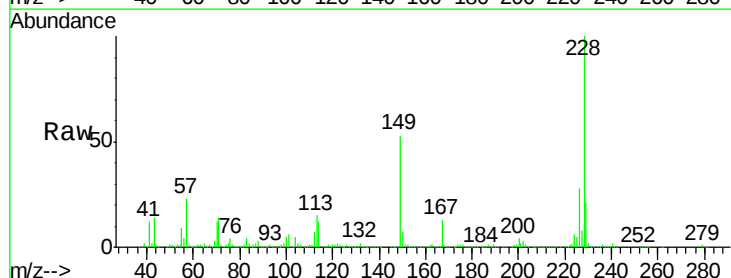
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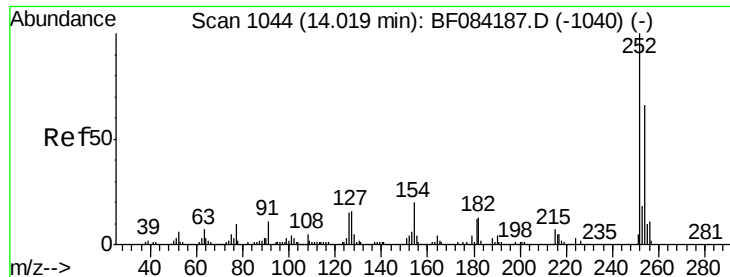
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#80
Benzo(a)anthracene
Concen: 42.30 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.6
229	20.7	15.8	23.8





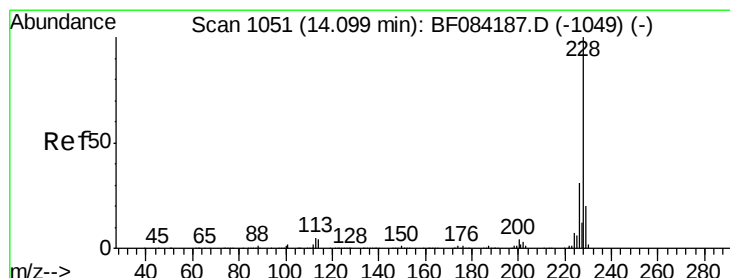
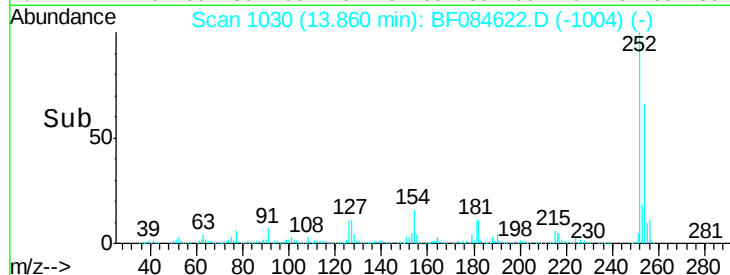
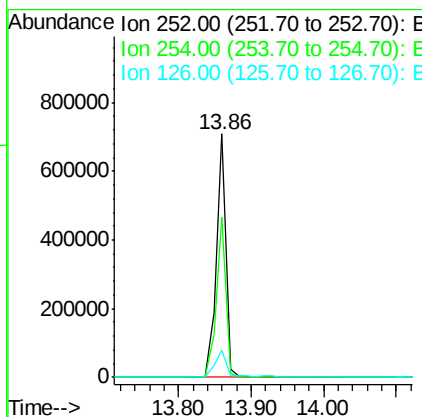
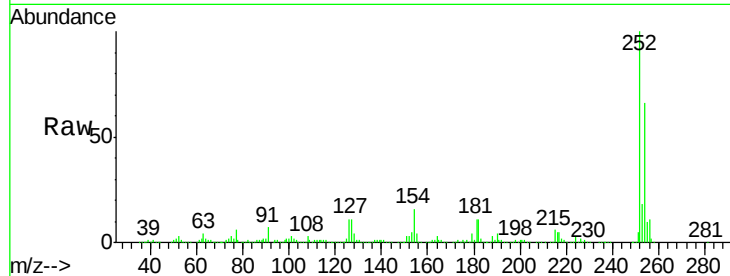
#81
 3,3'-Dichlorobenzidine
 Concen: 46.35 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.9	53.5	80.3
126	11.0	4.9	7.3

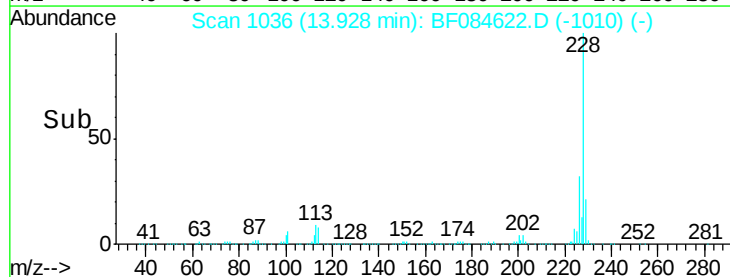
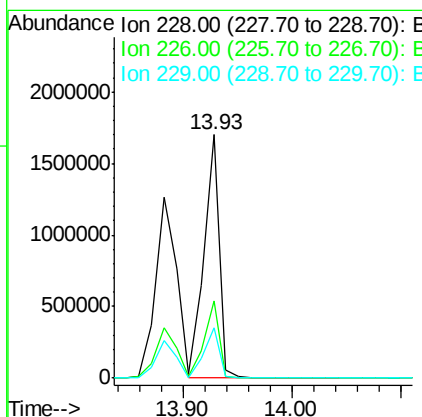
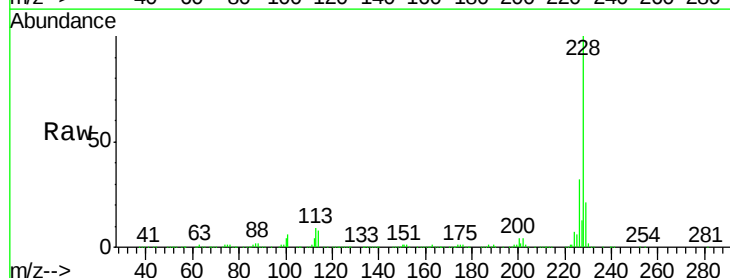
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#82
 Chrysene
 Concen: 43.65 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.7	24.3	36.5
229	20.8	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.69 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF084622.D

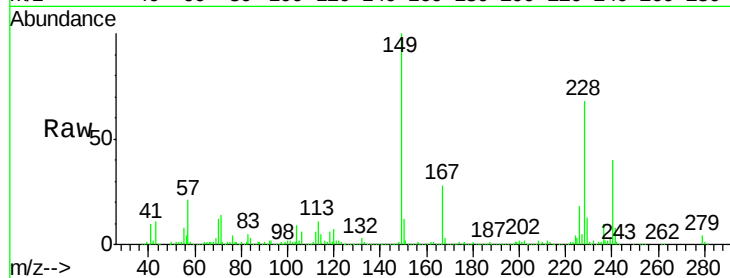
Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 1267251

Ion Ratio Lower Upper

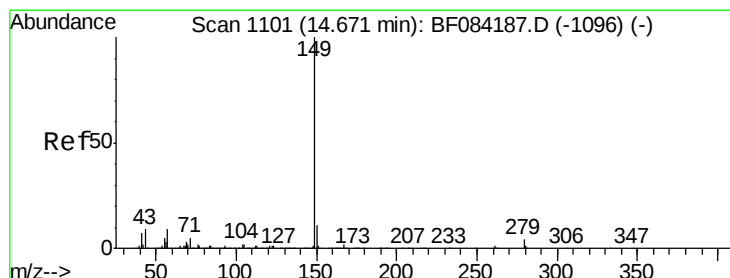
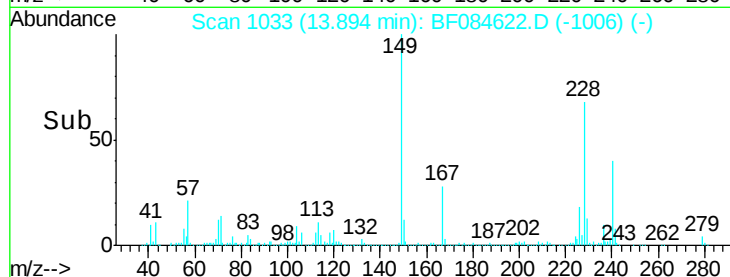
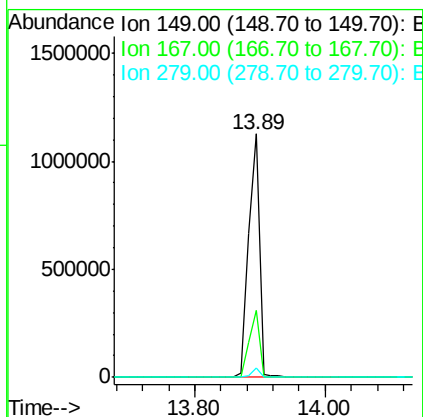
149 100

167 27.6 19.7 29.5

279 3.9 1.8 2.6#

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#84

Di-n-octyl phthalate

Concen: 40.30 ng

RT: 14.50 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

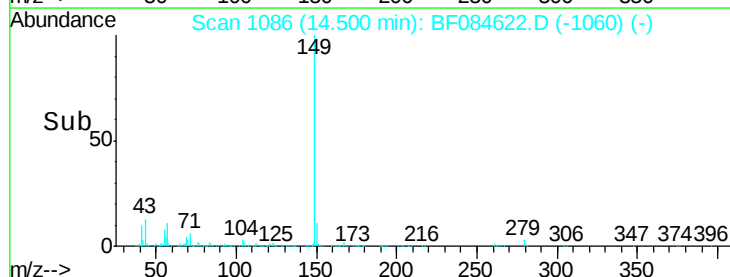
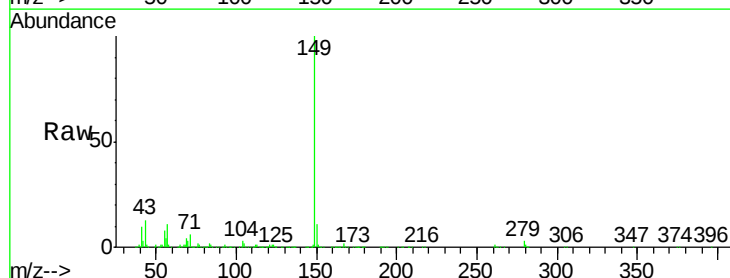
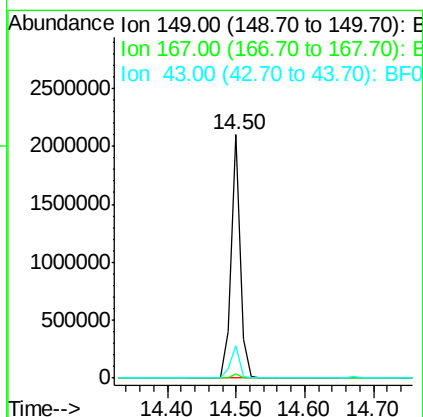
Tgt Ion:149 Resp: 1973143

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 13.5 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.04 ng

RT: 16.61 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:276 Resp: 1301505

Ion Ratio Lower Upper

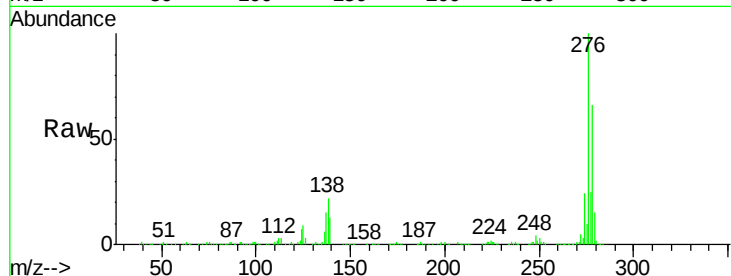
276 100

138 22.1 20.6 30.8

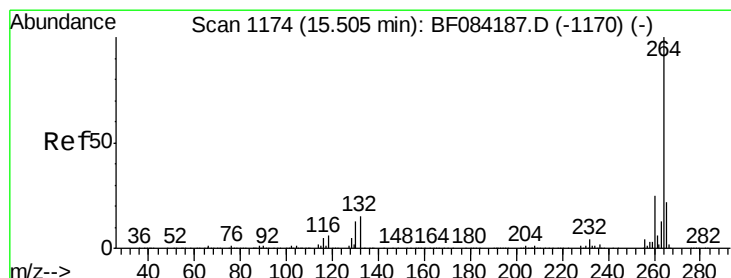
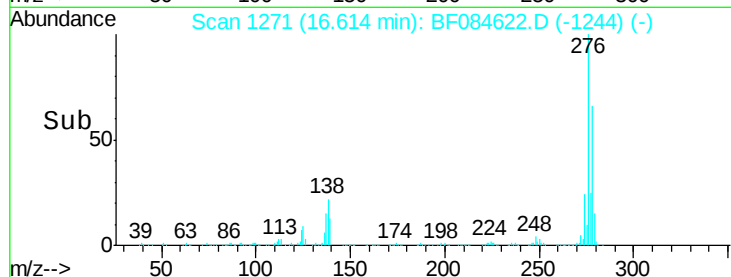
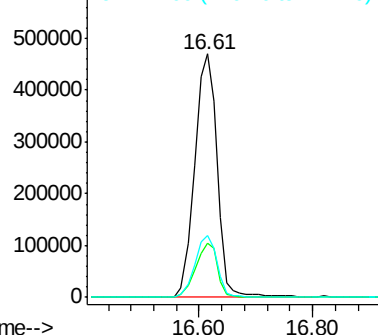
277 25.0 20.1 30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

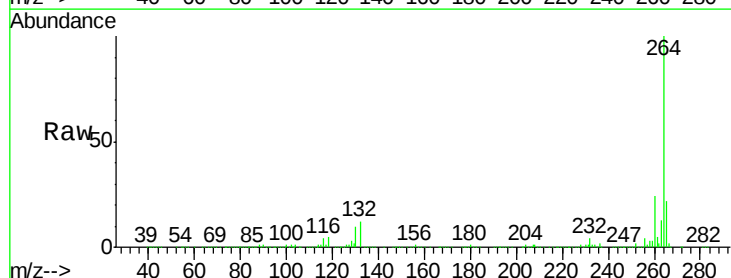
Tgt Ion:264 Resp: 621070

Ion Ratio Lower Upper

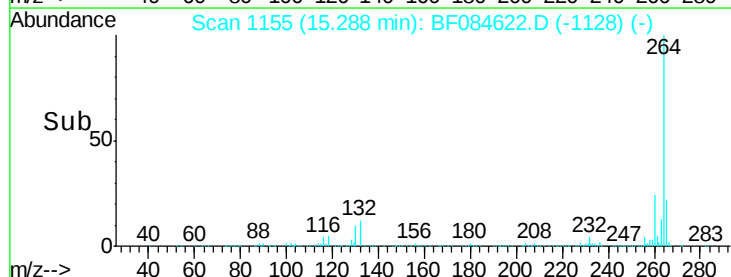
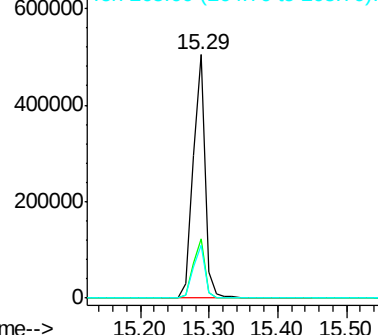
264 100

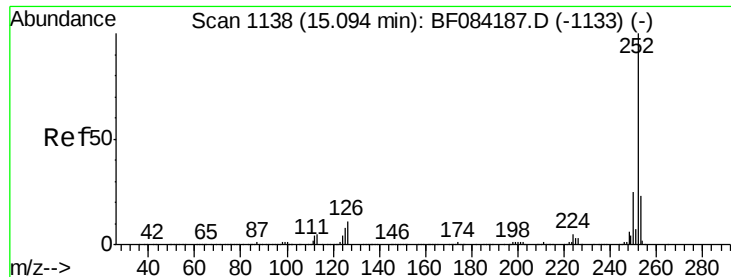
260 24.2 19.4 29.2

265 21.8 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.55 ng

RT: 14.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Instrument :

BNA_F

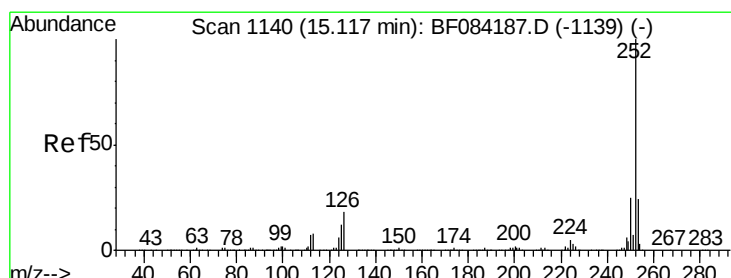
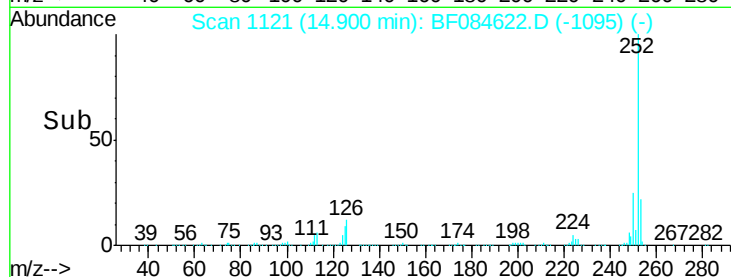
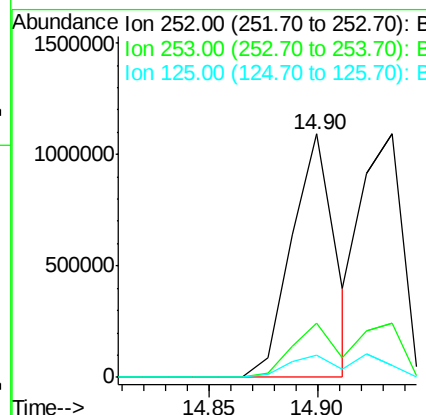
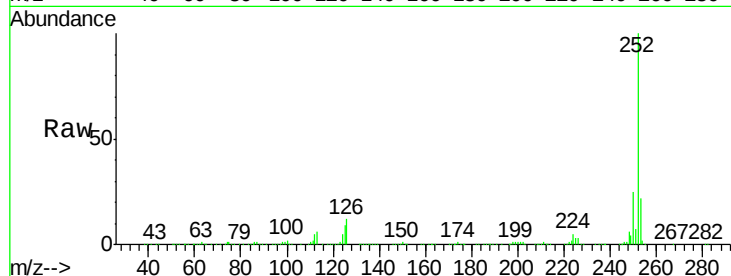
ClientSampleId :

SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.1	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 43.05 ng m

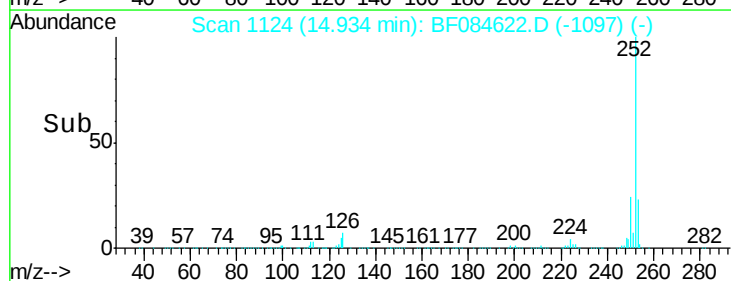
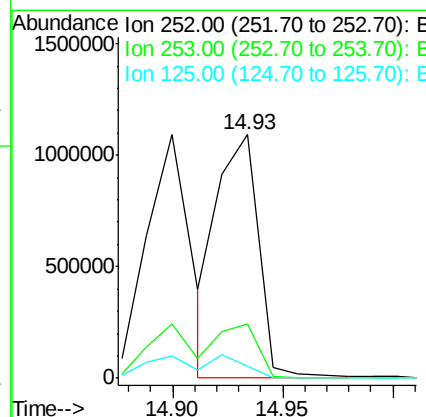
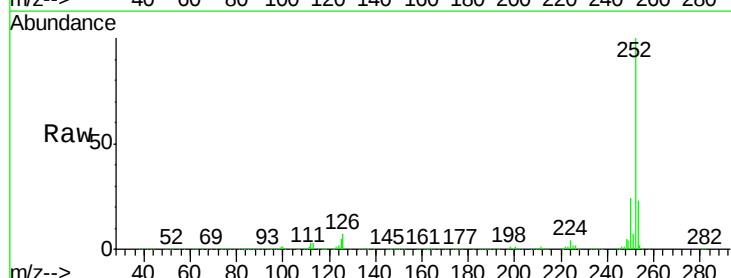
RT: 14.93 min Scan# 1124

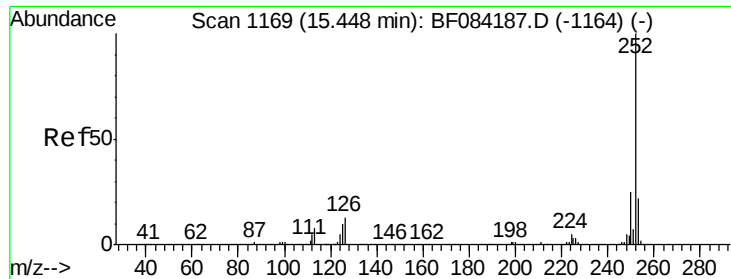
Delta R.T. 0.01 min

Lab File: BF084622.D

Acq: 27 Jan 2016 15:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	4.7	9.0	13.6#





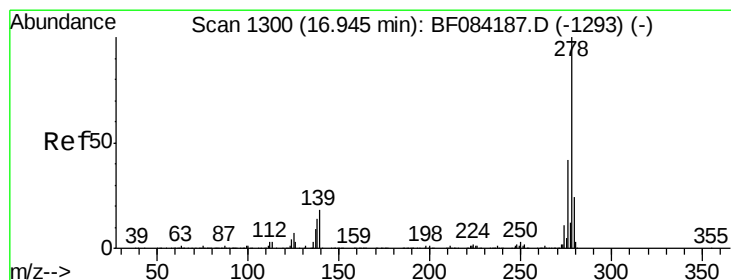
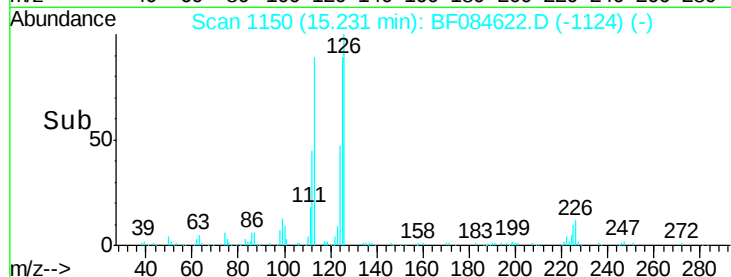
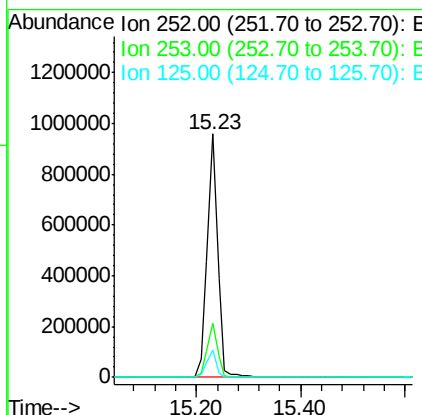
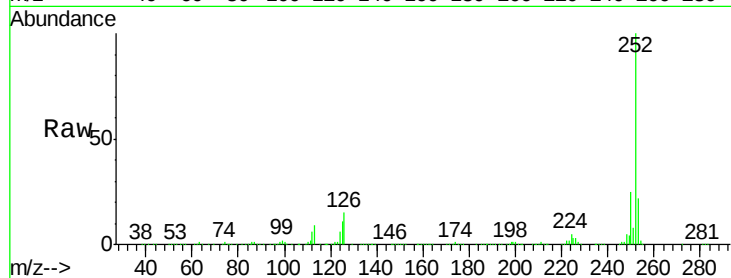
#89
Benzo(a)pyrene
Concen: 38.81 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 252 Resp: 1337408
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 11.1 7.0 10.4#

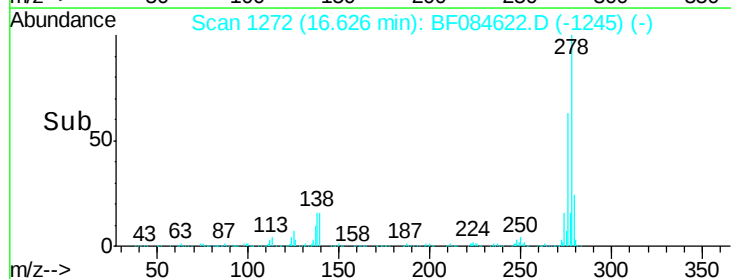
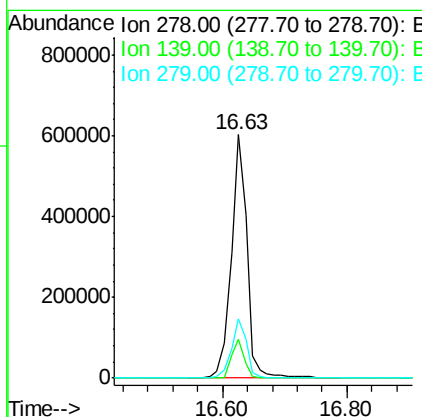
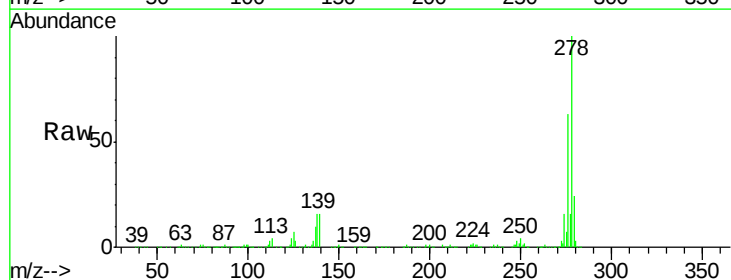
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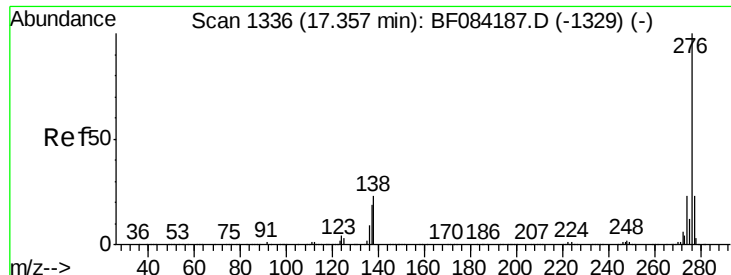
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#90
Dibenzo(a,h)anthracene
Concen: 35.70 ng
RT: 16.63 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF084622.D
Acq: 27 Jan 2016 15:50

Tgt Ion: 278 Resp: 1058513
Ion Ratio Lower Upper
278 100
139 16.1 15.0 22.4
279 24.4 18.9 28.3





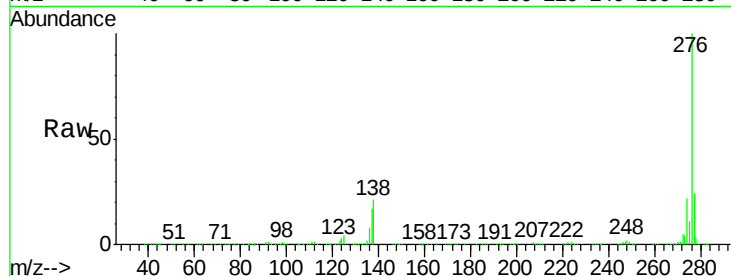
#91
 Benzo(g,h,i)perylene
 Concen: 45.47 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF084622.D
 Acq: 27 Jan 2016 15:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.5	17.8	26.6

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

