

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084644.D
 Acq On : 29 Jan 2016 19:00
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 2/1/2016 2:24:24 PM

Quant Time: Jan 29 23:57:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131576	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	528694	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	271494	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	675643	20.00	ng	0.00
75) Chrysene-d12	13.88	240	585716	20.00	ng	0.01
86) Perylene-d12	15.27	264	571099	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	693245	79.53	ng	0.00
7) Phenol-d6	6.37	99	838968	80.30	ng	0.00
23) Nitrobenzene-d5	7.30	82	820758	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	257210	90.39	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1366196	74.80	ng	0.00
78) Terphenyl-d14	12.83	244	1761797	67.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	198961	48.95	ng	# 75
3) Pyridine	2.91	79	564419	52.12	ng	# 73
4) n-Nitrosodimethylamine	2.86	42	262290	49.54	ng	# 83
6) Aniline	6.38	93	517741	38.61	ng	# 48
8) 2-Chlorophenol	6.51	128	395056	40.86	ng	# 95
9) Benzaldehyde	6.27	77	253589	41.92	ng	# 96
10) Phenol	6.38	94	480348	41.25	ng	# 70
11) bis(2-Chloroethyl)ether	6.46	93	325180	35.91	ng	# 82
12) 1,3-Dichlorobenzene	6.66	146	380844m	36.77	ng	# 97
13) 1,4-Dichlorobenzene	6.74	146	387680	38.13	ng	# 97
14) 1,2-Dichlorobenzene	6.90	146	390045	41.67	ng	# 89
15) Benzyl Alcohol	6.88	79	309021	43.46	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.01	45	595713	38.44	ng	# 91
17) 2-Methylphenol	7.00	107	300093	40.04	ng	# 83
18) Hexachloroethane	7.24	117	156186	39.27	ng	# 71
19) n-Nitroso-di-n-propylamine	7.15	70	262463	41.13	ng	# 69
20) 3+4-Methylphenols	7.15	107	362606	39.87	ng	# 92
22) Acetophenone	7.14	105	557145	40.35	ng	# 91
24) Nitrobenzene	7.31	77	379743	37.77	ng	# 96
25) Isophorone	7.56	82	748548	42.23	ng	# 82
26) 2-Nitrophenol	7.63	139	207926	43.48	ng	# 98
27) 2,4-Dimethylphenol	7.68	122	313310	37.39	ng	# 99
28) bis(2-Chloroethoxy)methane	7.77	93	399537	37.56	ng	# 92
29) 2,4-Dichlorophenol	7.88	162	304792	41.59	ng	# 96
30) 1,2,4-Trichlorobenzene	7.95	180	323165	38.56	ng	# 99
31) Naphthalene	8.03	128	988627	37.04	ng	# 90
32) Benzoic acid	7.81	122	279265	43.42	ng	# 97
33) 4-Chloroaniline	8.09	127	417468	38.46	ng	# 99
34) Hexachlorobutadiene	8.16	225	204532	41.30	ng	# 74
35) Caprolactam	8.48	113	107275	51.01	ng	# 92
36) 4-Chloro-3-methylphenol	8.58	107	345791	42.86	ng	# 97
37) 2-Methylnaphthalene	8.73	142	729316	44.52	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	313026	35.55	ng	# 97
40) Hexachlorocyclopentadiene	8.88	237	143547	35.86	ng	# 97

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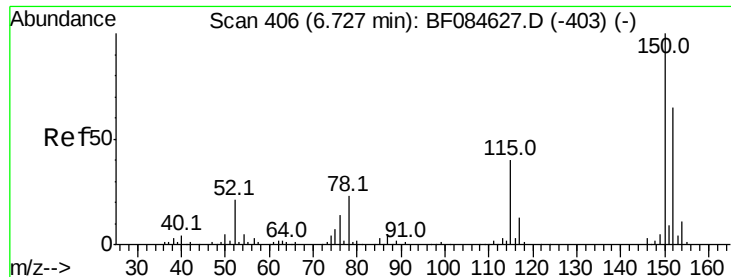
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	210472	38.48	nq	94
43) 2,4,5-Trichlorophenol	9.05	196	218394	38.67	nq #	82
45) 1,1'-Biphenyl	9.20	154	972320	39.08	nq	95
46) 2-Chloronaphthalene	9.22	162	681110	37.52	nq #	87
47) 2-Nitroaniline	9.31	65	208286	38.20	nq	95
48) Acenaphthylene	9.63	152	1092610	39.72	nq	99
49) Dimethylphthalate	9.50	163	853789	41.90	nq #	91
50) 2,6-Dinitrotoluene	9.56	165	196668	43.87	nq #	88
51) Acenaphthene	9.80	154	774322	42.04	nq	98
52) 3-Nitroaniline	9.72	138	184626	39.41	nq	99
53) 2,4-Dinitrophenol	9.84	184	95554	43.19	nq #	85
54) Dibenzofuran	9.97	168	891238	40.54	nq	98
55) 4-Nitrophenol	9.89	139	149791	43.53	nq #	64
56) 2,4-Dinitrotoluene	9.96	165	269423	46.26	nq	93
57) Fluorene	10.32	166	760072	40.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	167929	39.33	nq	96
59) Diethylphthalate	10.20	149	808649	40.54	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	326457	39.03	nq	89
61) 4-Nitroaniline	10.34	138	196750	44.37	nq	99
62) Azobenzene	10.46	77	799099	41.85	nq	87
64) 4,6-Dinitro-2-methylphenol	10.36	198	134871	30.56	nq #	41
65) n-Nitrosodiphenylamine	10.43	169	684874	31.26	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	231469	30.42	nq #	88
67) Hexachlorobenzene	10.85	284	226720	27.39	nq #	79
68) Atrazine	10.96	200	188242	28.68	nq	98
69) Pentachlorophenol	11.05	266	127078	31.78	nq	95
70) Phenanthrene	11.26	178	1383536	37.03	nq	97
71) Anthracene	11.32	178	1603952	42.23	nq	99
72) Carbazole	11.48	167	1437851	43.92	nq	98
73) Di-n-butylphthalate	11.81	149	1509512	37.91	nq #	97
74) Fluoranthene	12.45	202	1627088	44.05	nq	96
76) Benzidine	12.58	184	854794	38.37	nq	97
77) Pyrene	12.68	202	1698337	38.44	nq	99
79) Butylbenzylphthalate	13.31	149	769913	40.80	nq	98
80) Benzo(a)anthracene	13.87	228	1369371	37.51	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	543143	42.28	nq #	97
82) Chrysene	13.91	228	1383820	38.45	nq	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	914955	37.37	nq	97
84) Di-n-octyl phthalate	14.49	149	1659005	42.89	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.58	276	1218422	38.29	nq	99
87) Benzo(b)fluoranthene	14.88	252	1357187m	36.70	nq	
88) Benzo(k)fluoranthene	14.90	252	1235266m	40.44	nq	
89) Benzo(a)pyrene	15.21	252	1257331	39.30	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	1025946	35.59	nq #	95
91) Benzo(g,h,i)perylene	16.97	276	986401	33.89	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 131576

Ion Ratio Lower Upper

152 100

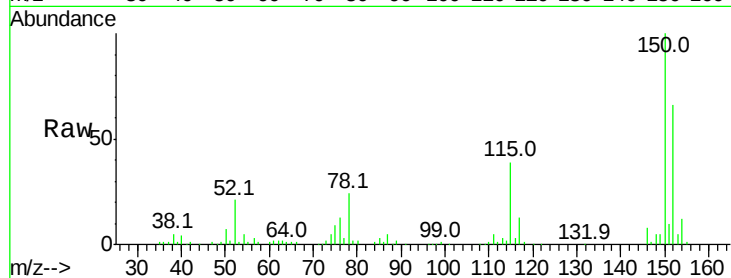
150 151.8 123.0 184.4

115 59.9 51.4 77.2

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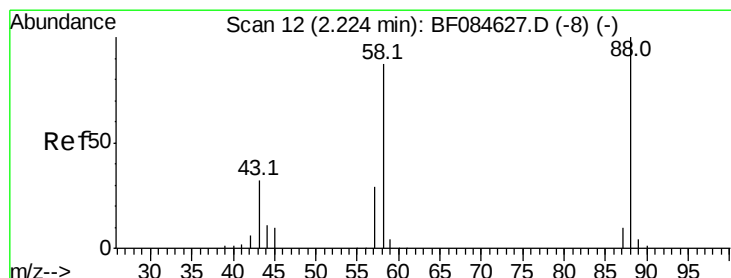
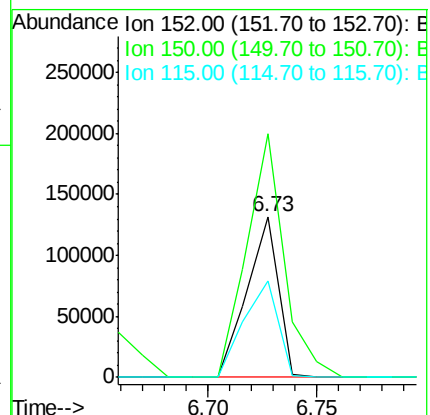
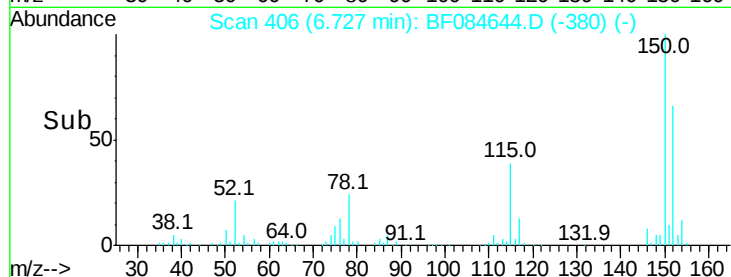
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 48.95 ng

RT: 2.24 min Scan# 13

Delta R.T. 0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

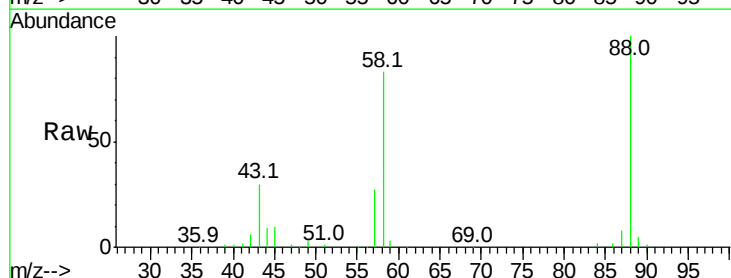
Tgt Ion: 88 Resp: 198961

Ion Ratio Lower Upper

88 100

58 86.1 51.2 76.8#

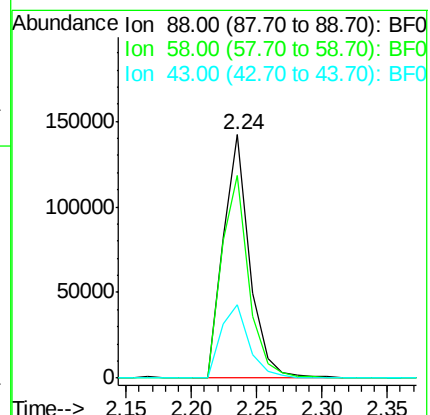
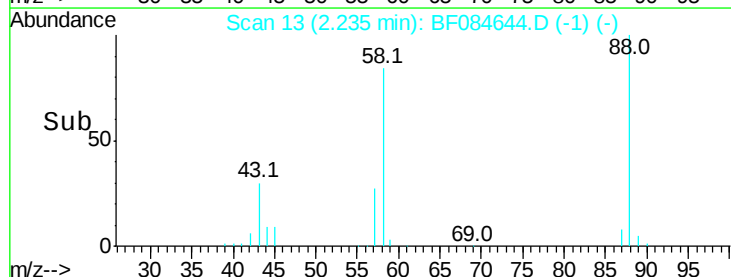
43 32.8 19.5 29.3#

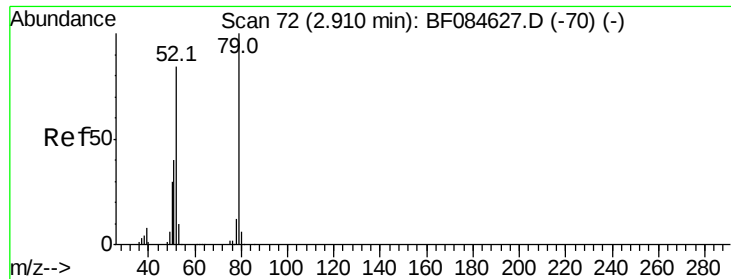


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 52.12 ng

RT: 2.91 min Scan# 72

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

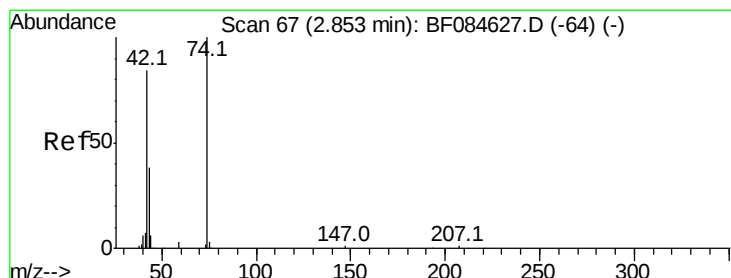
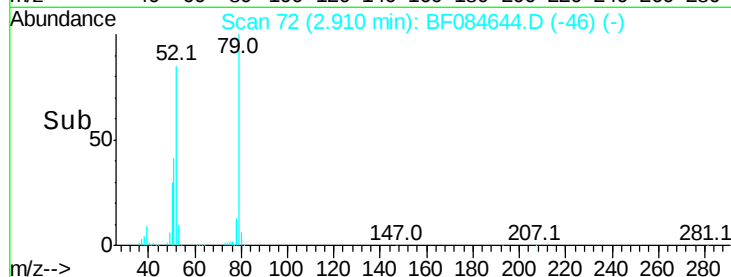
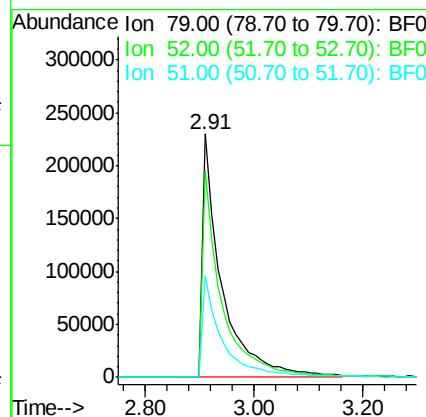
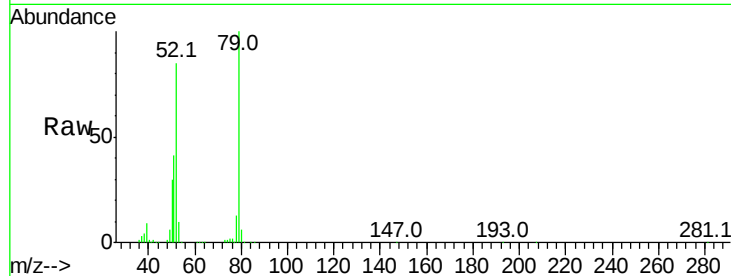
ClientSampleId :

SSTDCCC040EC

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Tot Ion	79	Resp	564419
Ion Ratio	Lower	Upper	
79	100		
52	84.9	49.0	73.4#
51	41.5	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 49.54 ng

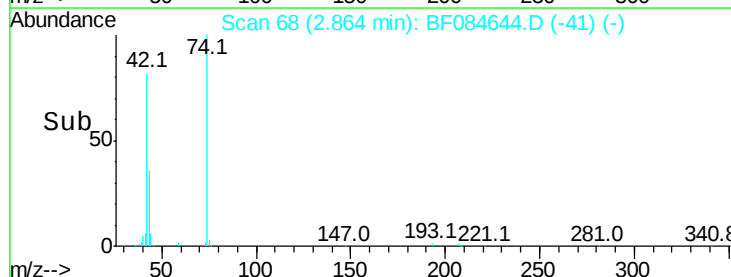
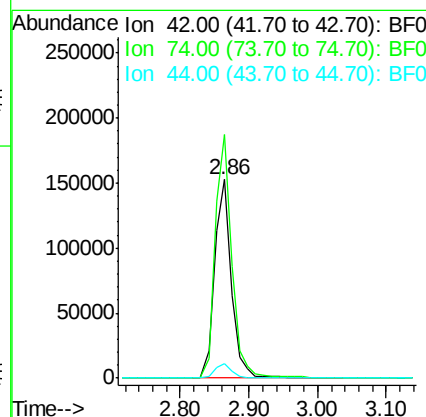
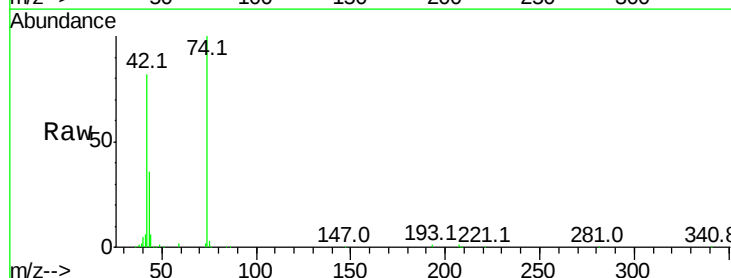
RT: 2.86 min Scan# 68

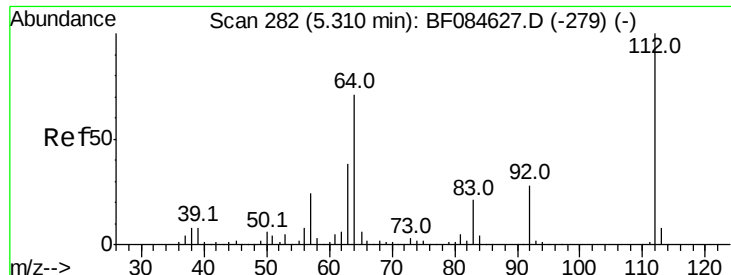
Delta R.T. 0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion	42	Resp	262290
Ion Ratio	Lower	Upper	
42	100		
74	122.6	115.7	173.5
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 79.53 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

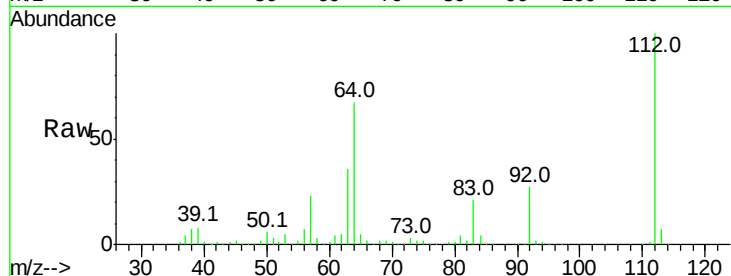
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	693245
Ion Ratio	Lower	Upper	
112	100		
64	67.1	36.6	55.0#
63	35.8	19.4	29.0#

Manual Integrations
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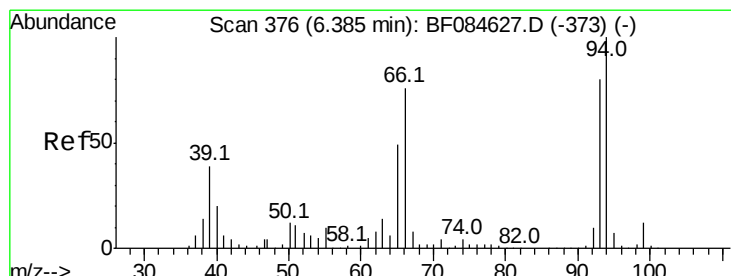
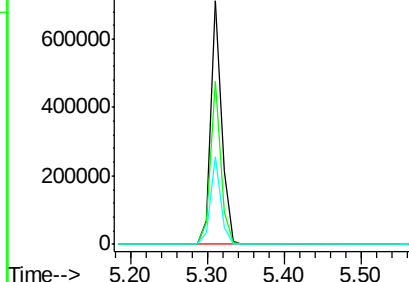
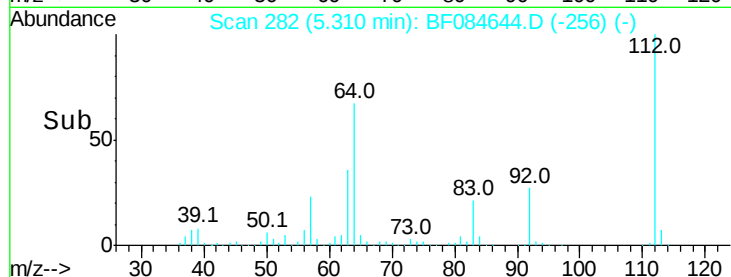
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.61 ng

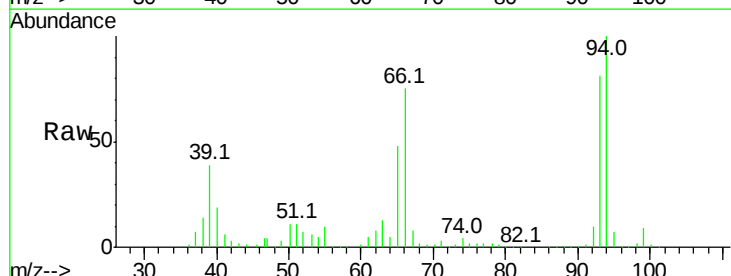
RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

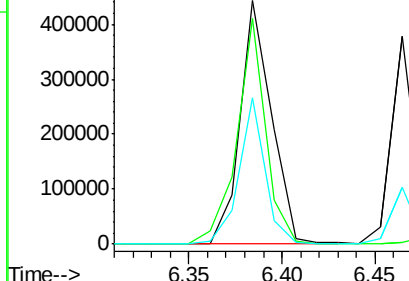
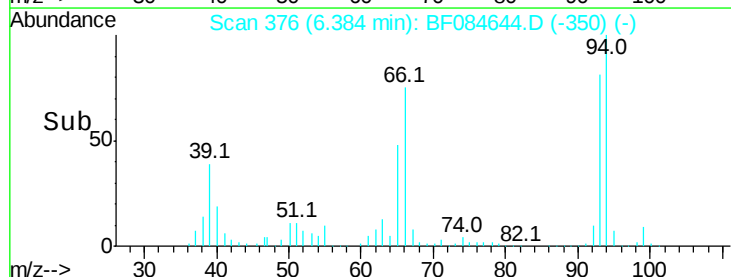
Tgt Ion:	93	Resp:	517741
Ion Ratio	Lower	Upper	
93	100		
66	92.7	44.9	67.3#
65	60.1	23.7	35.5#

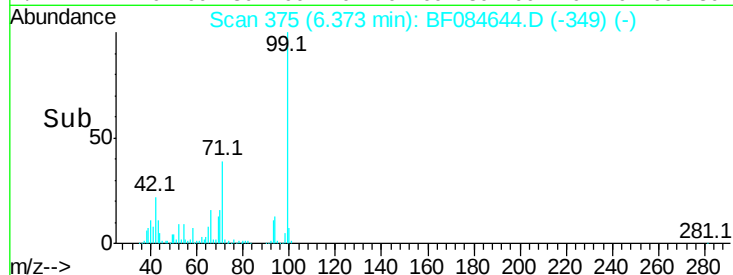
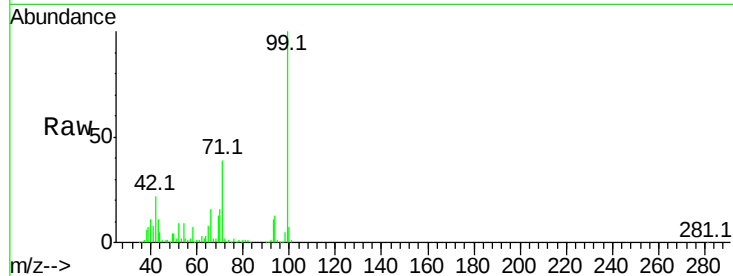
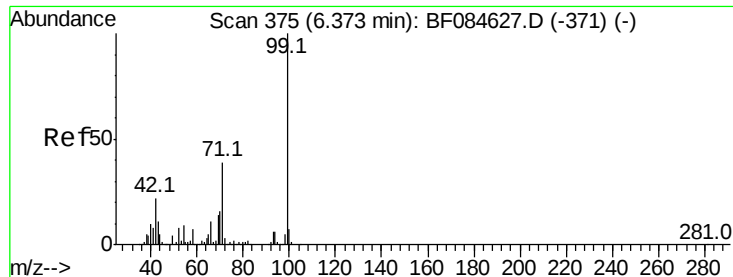


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.30 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tot Ion:	99	Resp:	838968
Ion Ratio	Lower	Upper	
99	100		
42	21.8	12.8	19.2#
71	38.5	30.9	46.3

Instrument :

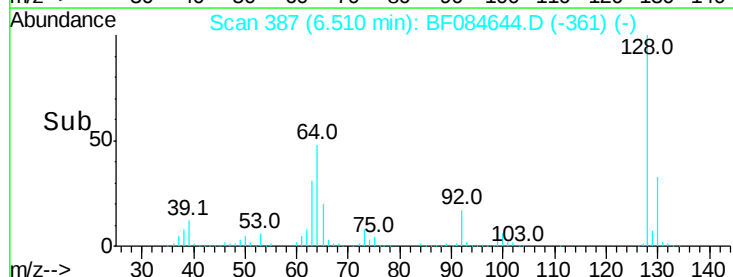
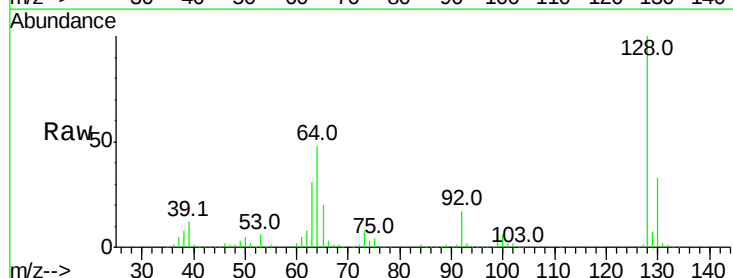
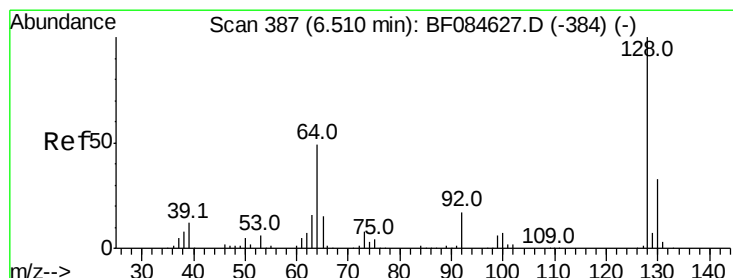
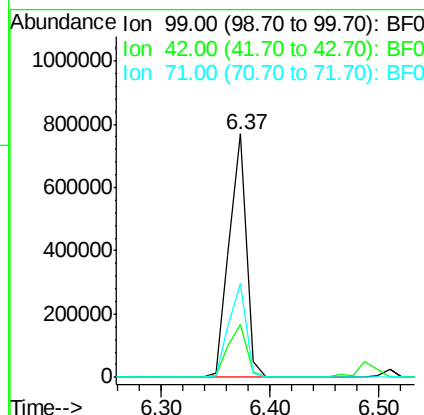
BNA_F

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#8

2-Chlorophenol

Concen: 40.86 ng

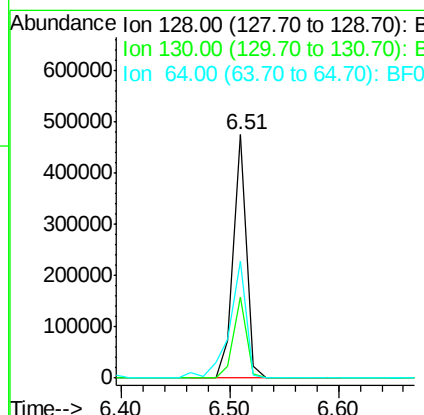
RT: 6.51 min Scan# 387

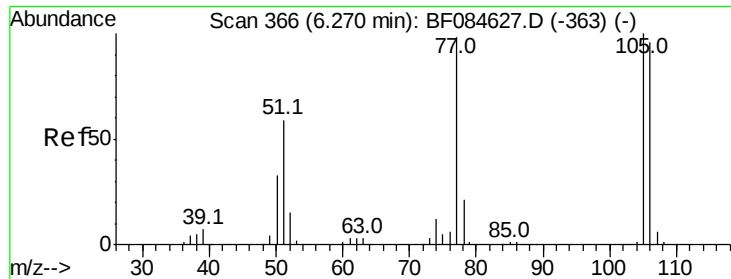
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	128	Resp:	395056
Ion Ratio	Lower	Upper	
128	100		
130	33.1	11.6	51.6
64	47.9	23.8	63.8





#9

Benzaldehyde

Concen: 41.92 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

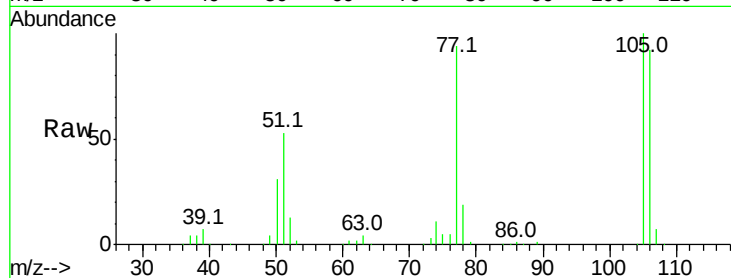
ClientSampleId :

SSTDCCC040EC

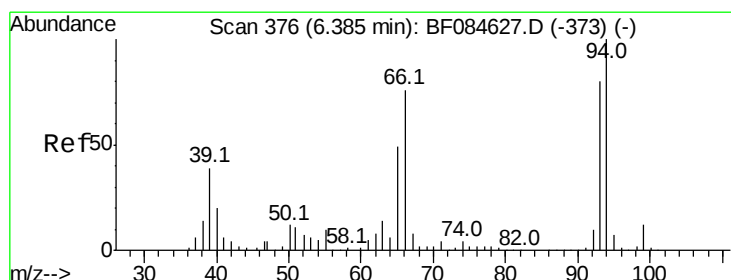
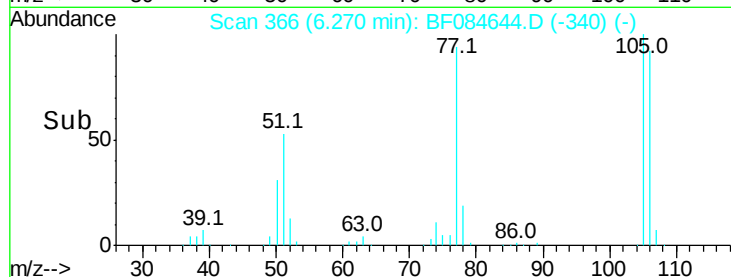
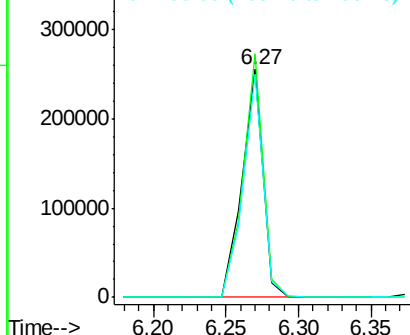
Tot Ion:	77	Resp:	253589
Ion	Ratio	Lower	Upper
77	100		
105	106.8	83.0	123.0
106	97.8	74.6	114.6

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.25 ng

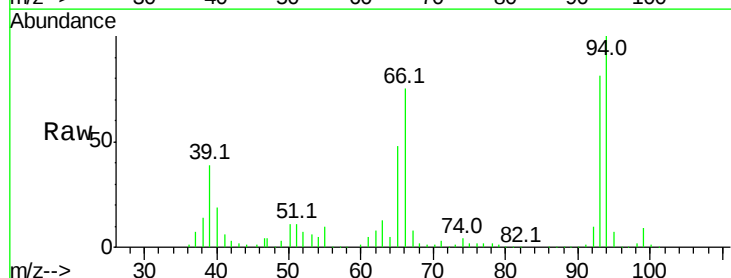
RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

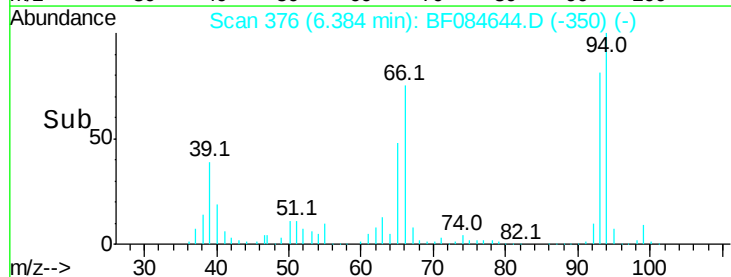
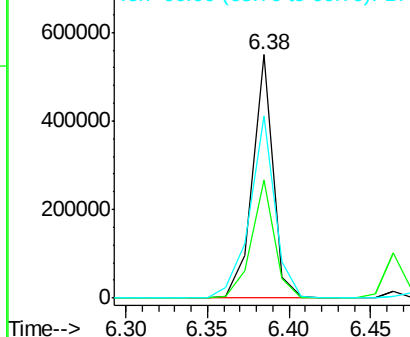
Lab File: BF084644.D

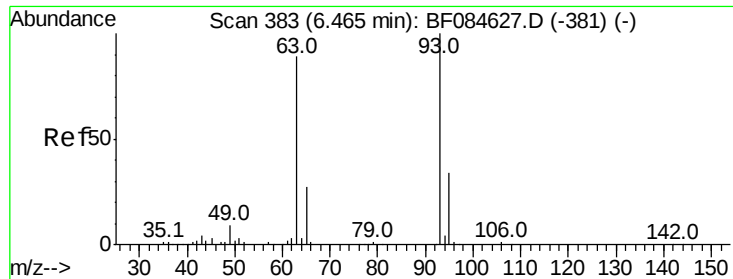
Acq: 29 Jan 2016 19:00

Tgt Ion:	94	Resp:	480348
Ion	Ratio	Lower	Upper
94	100		
65	48.4	12.9	52.9
66	74.7	32.7	72.7#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

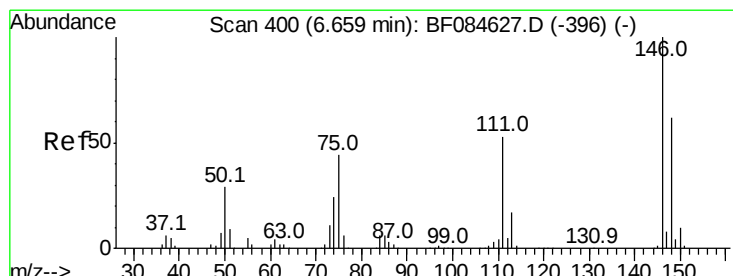
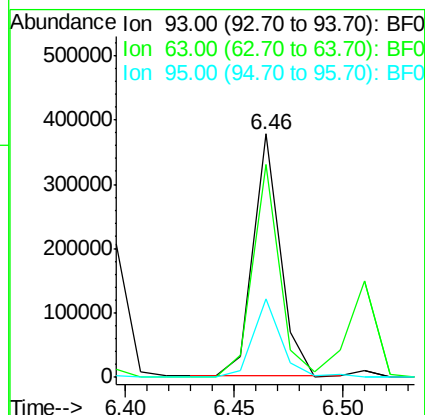
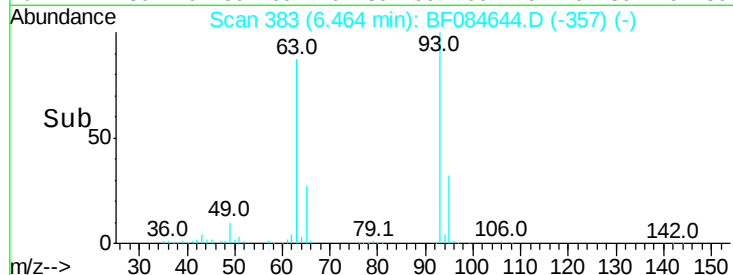
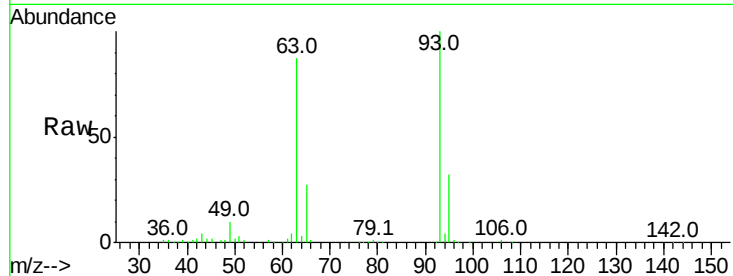
ClientSampleID :

SSTDCCC040EC

Tot Ion:	93	Resp:	325180
Ion Ratio	Lower	Upper	
93	100		
63	87.5	45.9	85.9#
95	32.2	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 36.77 ng m

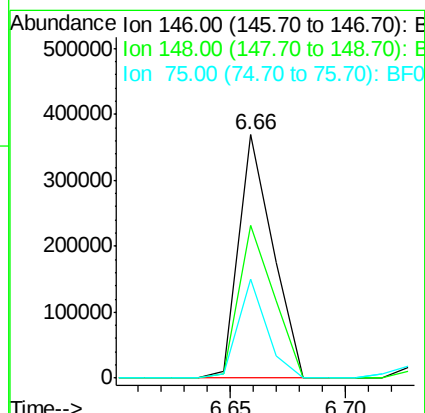
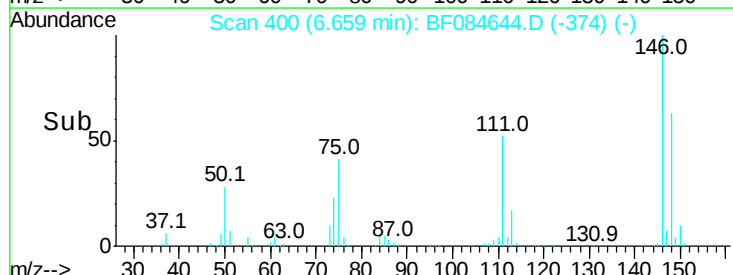
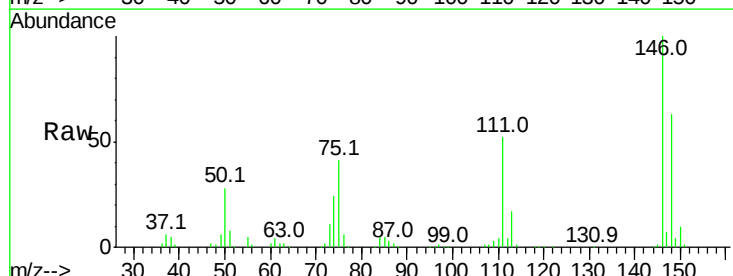
RT: 6.66 min Scan# 400

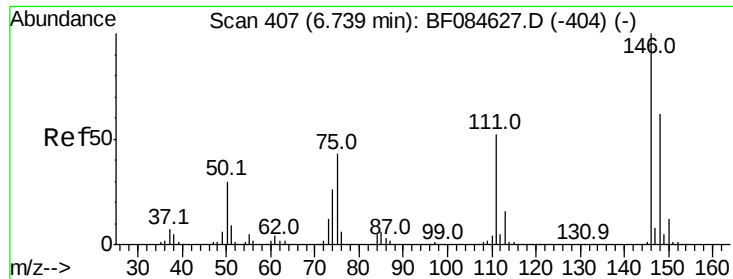
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	146	Resp:	380844
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.9	77.9
75	40.7	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 38.13 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

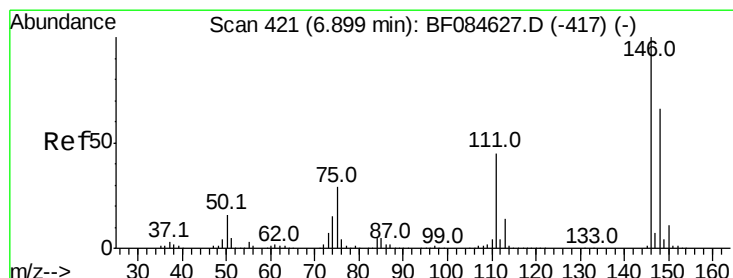
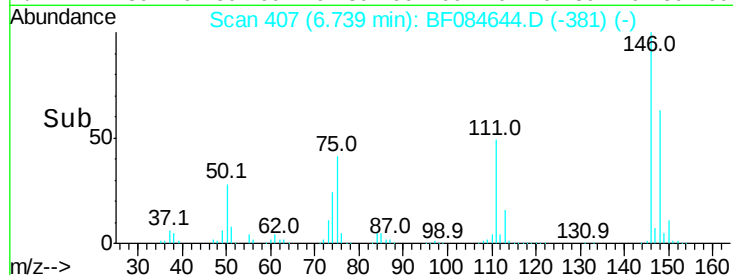
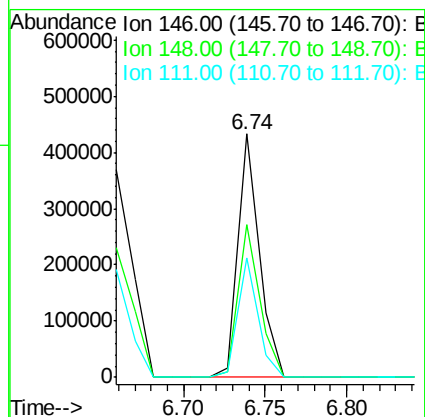
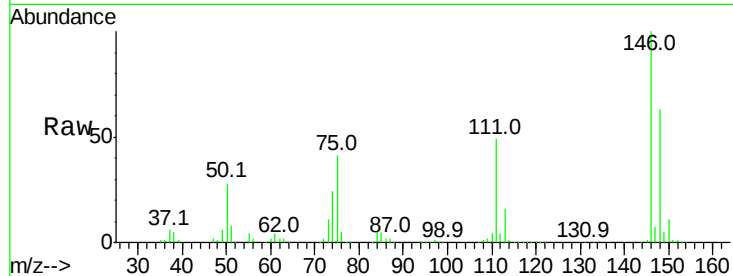
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	387680
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.9	77.9
111	49.2	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 41.67 ng

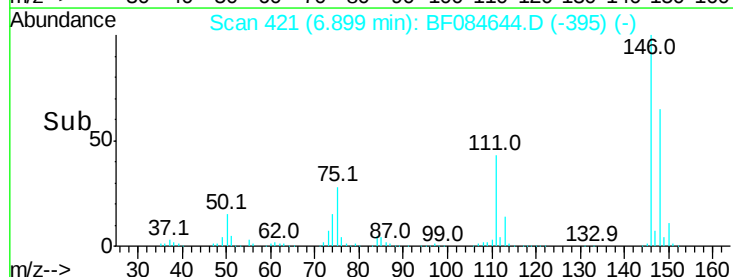
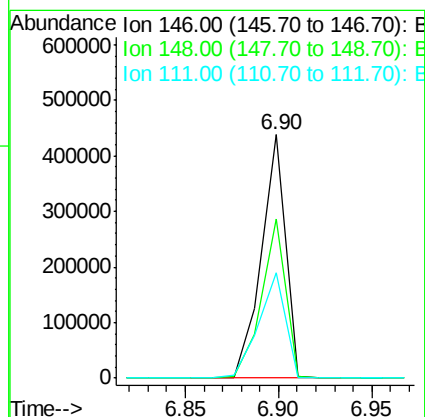
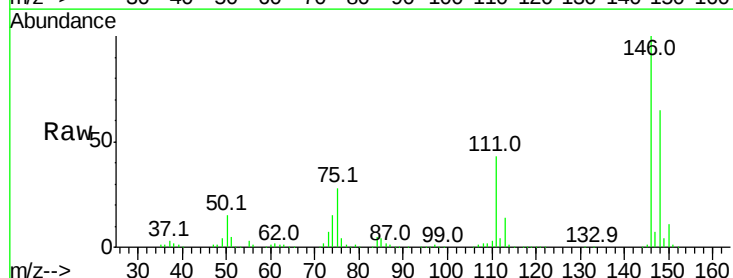
RT: 6.90 min Scan# 421

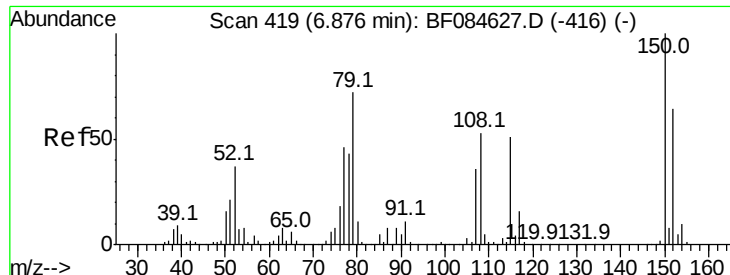
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	146	Resp:	390045
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.6	77.4
111	43.2	38.0	57.0





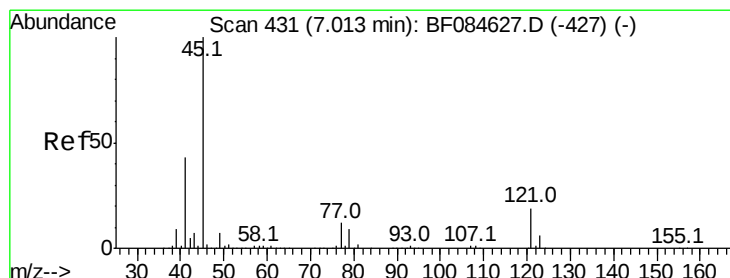
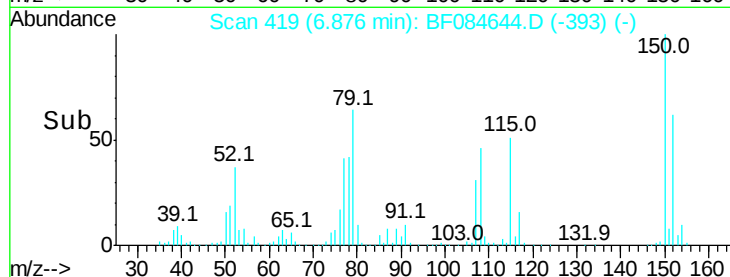
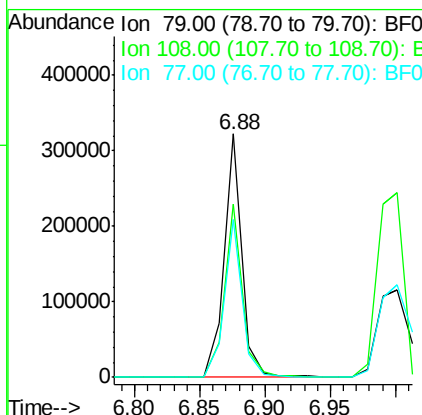
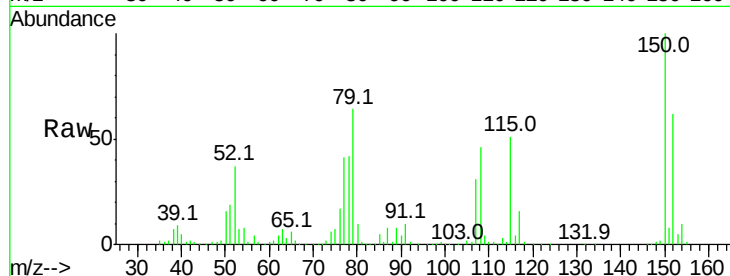
#15
Benzyl Alcohol
Concen: 43.46 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.3	69.0	103.4
77	64.9	50.0	75.0

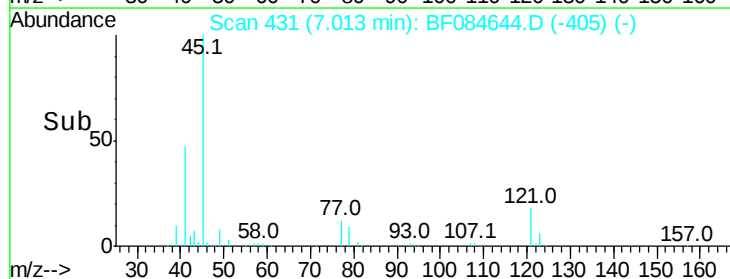
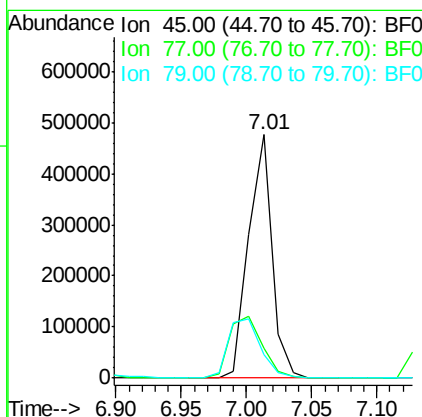
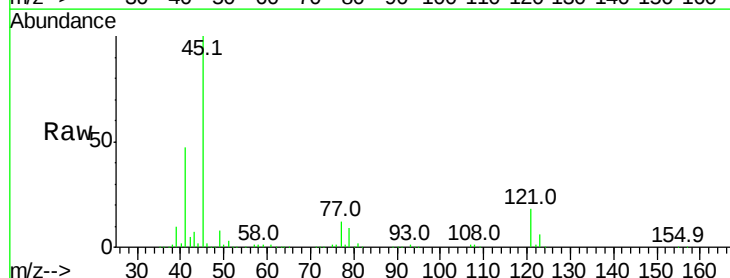
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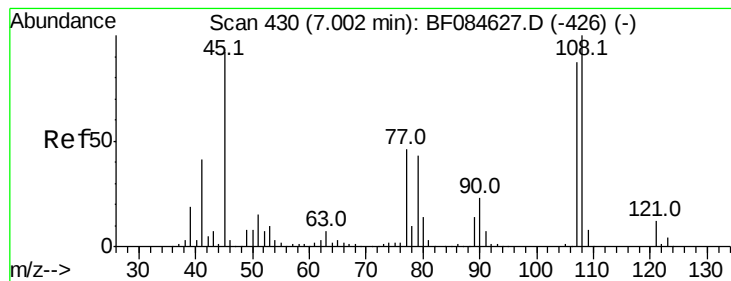
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.44 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	39.6
79	9.5	0.0	35.0





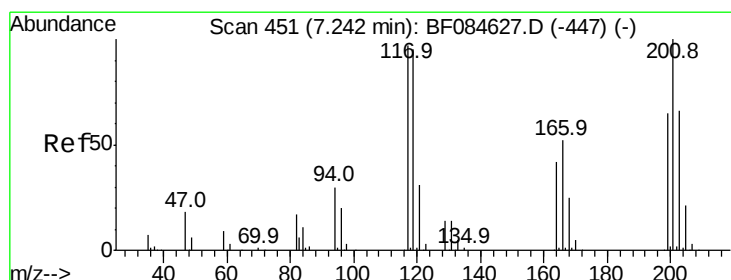
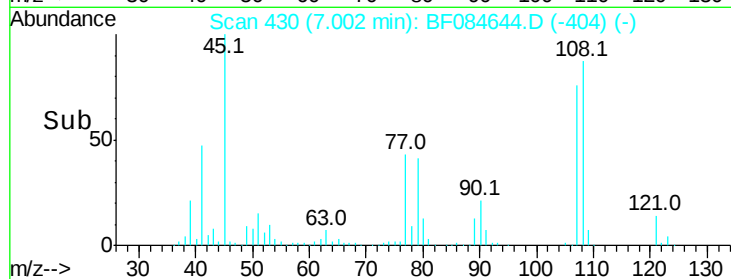
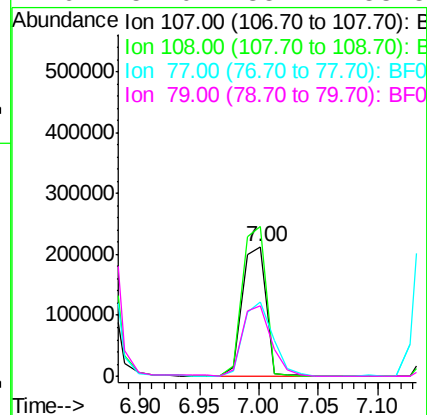
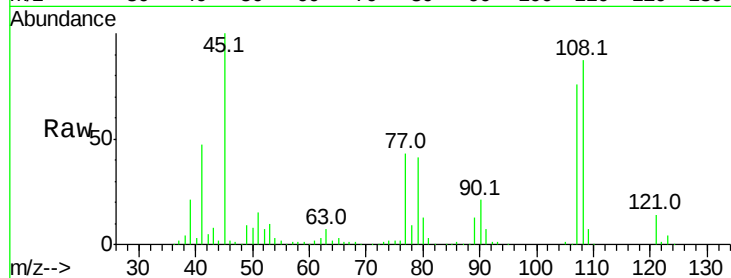
#17
2-Methylphenol
Concen: 40.04 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	89.8	134.6	
77	57.3	35.7	53.5#	
79	54.0	35.7	53.5#	

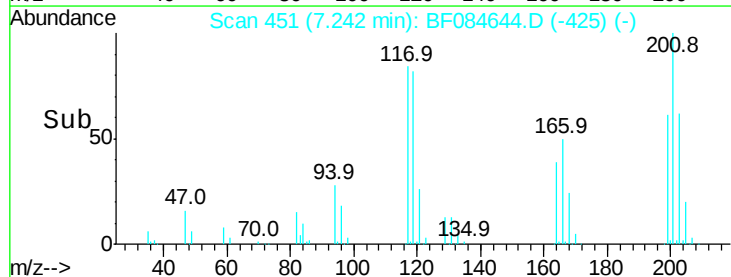
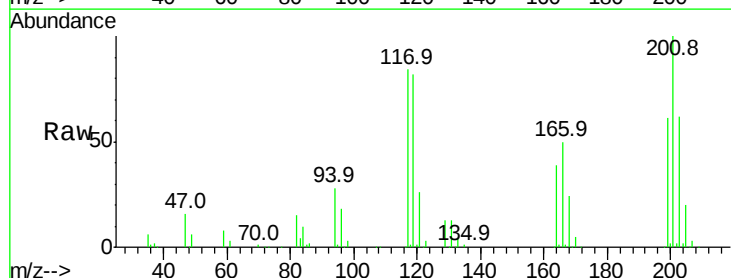
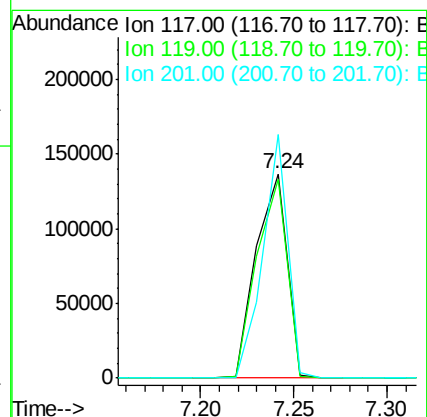
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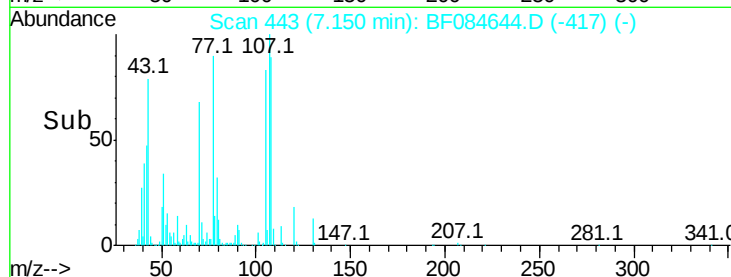
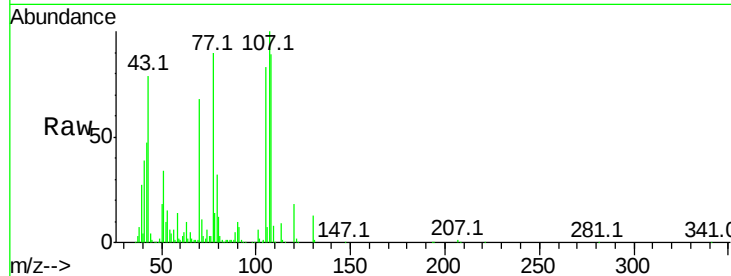
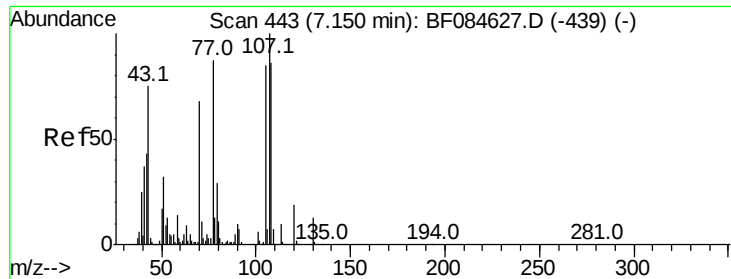
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#18
Hexachloroethane
Concen: 39.27 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	77.4	116.0	
201	119.2	68.6	103.0#	





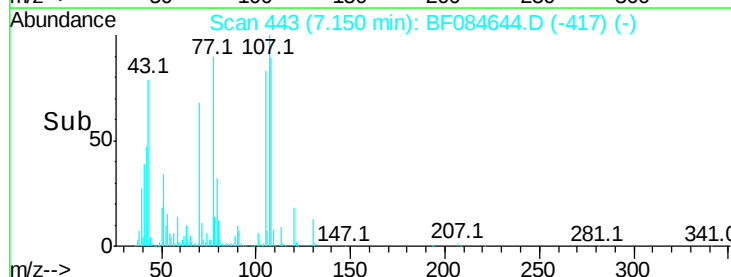
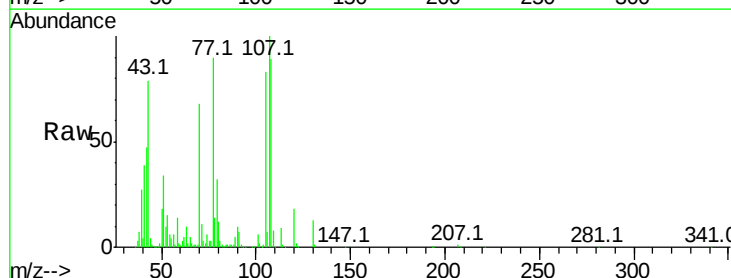
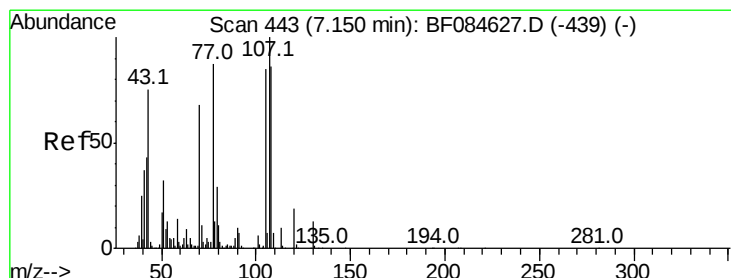
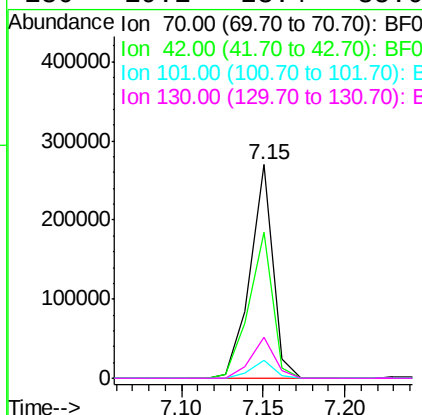
#19
n-Nitroso-di-n-propylamine
Concen: 41.13 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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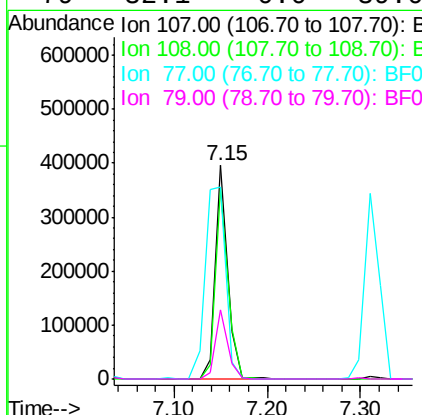
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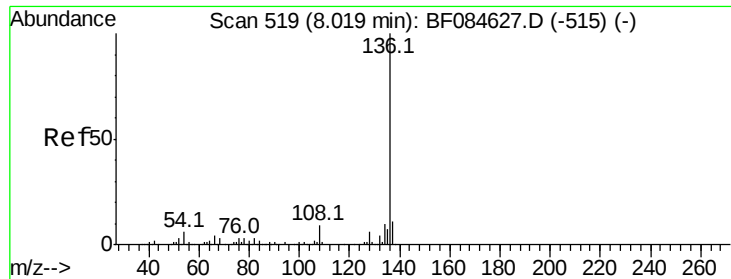
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	33.3	49.9#
101	8.5	9.3	13.9#
130	19.1	23.4	35.0#



#20
3+4-Methylphenols
Concen: 39.87 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	74.6	114.6
77	89.9	0.7	40.7#
79	32.1	0.0	39.0





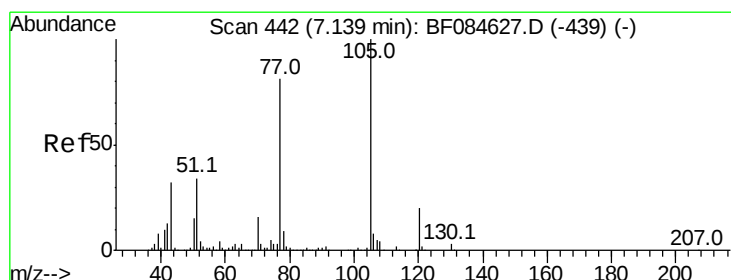
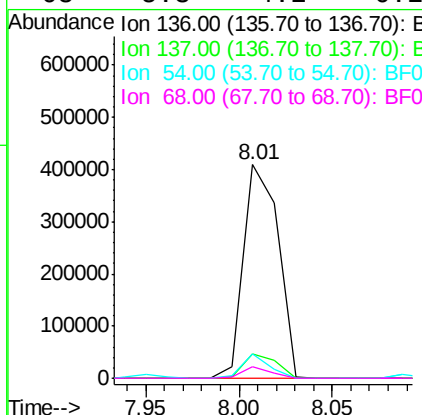
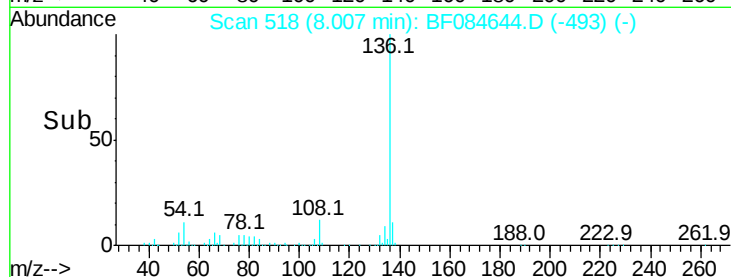
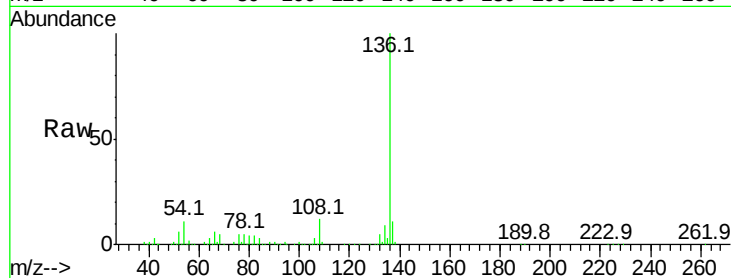
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	11.3	5.8	8.8#	
68	5.3	4.2	6.2	

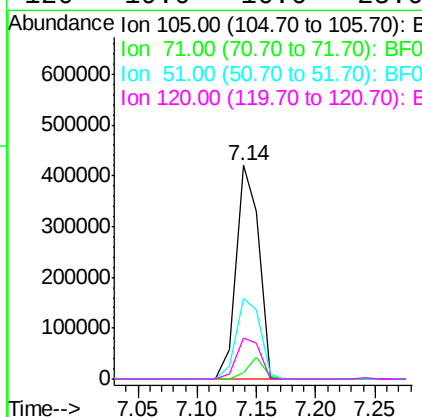
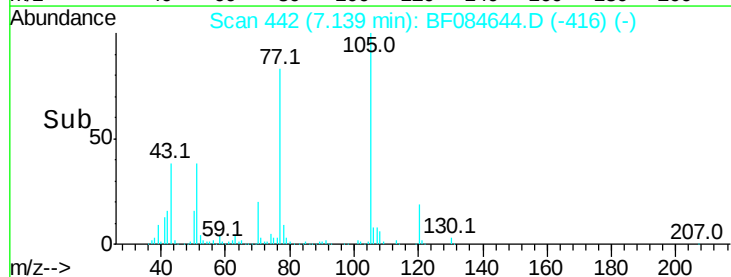
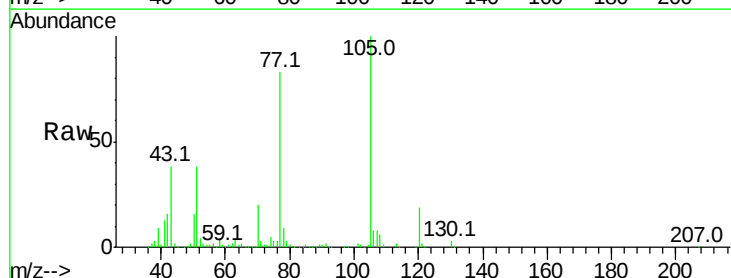
Manual Integrations
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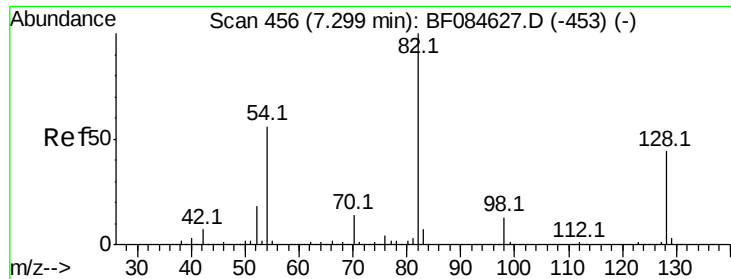
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#22
Acetophenone
Concen: 40.35 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.2	3.7	5.5#	
51	37.8	25.1	37.7#	
120	19.0	16.6	25.0	





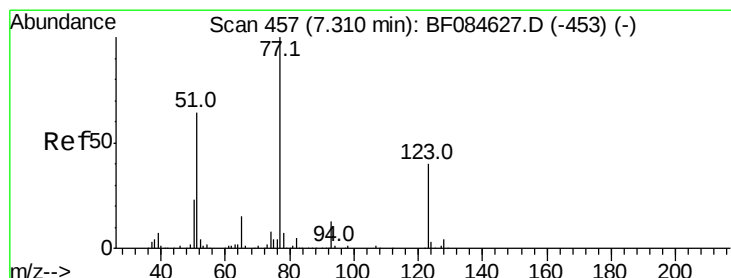
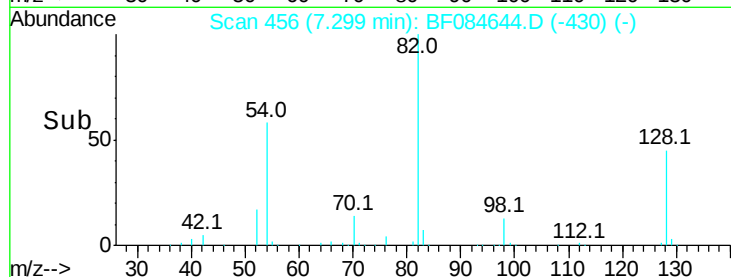
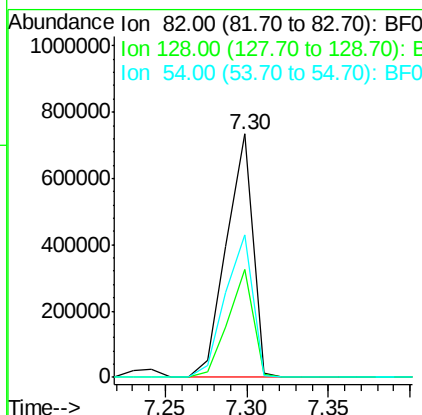
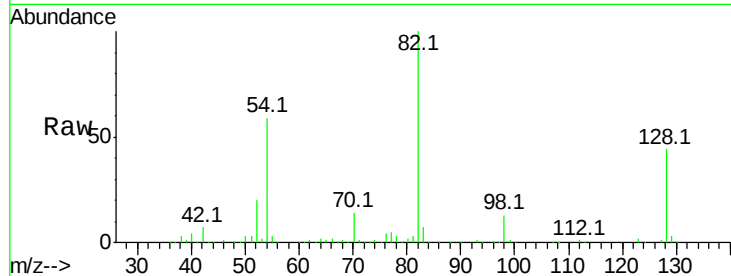
#23
 Nitrobenzene-d5
 Concen: 86.76 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.5	34.6	51.8	
54	58.7	38.4	57.6	

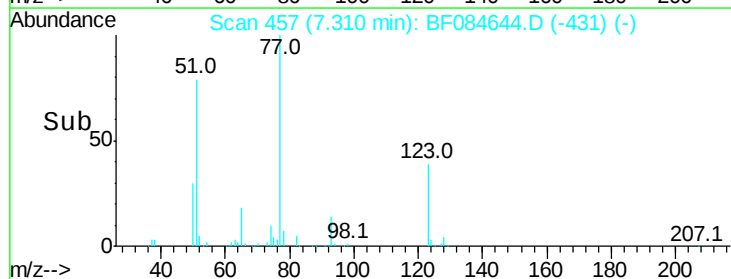
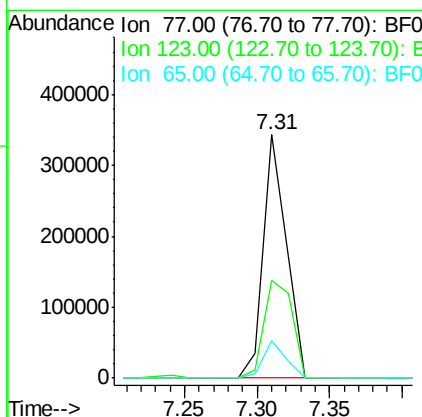
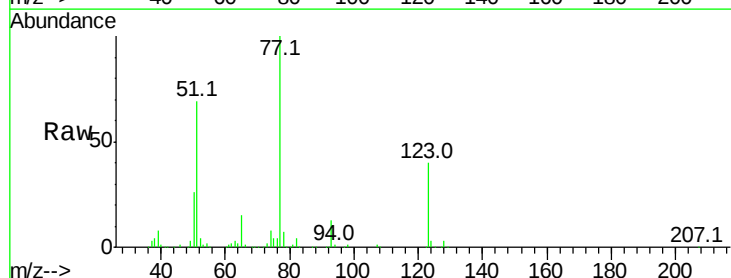
Manual Integrations
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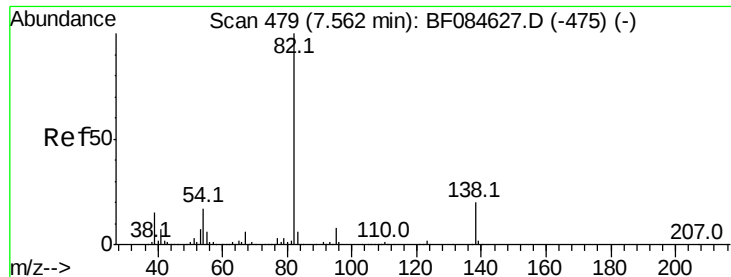
mohammad
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#24
 Nitrobenzene
 Concen: 37.77 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.1	37.4	56.2	
65	15.2	10.9	16.3	





#25

Isophorone

Concen: 42.23 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

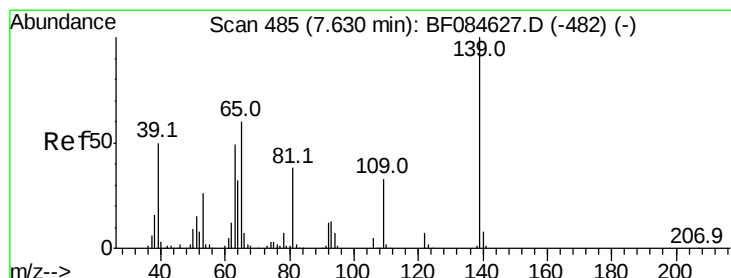
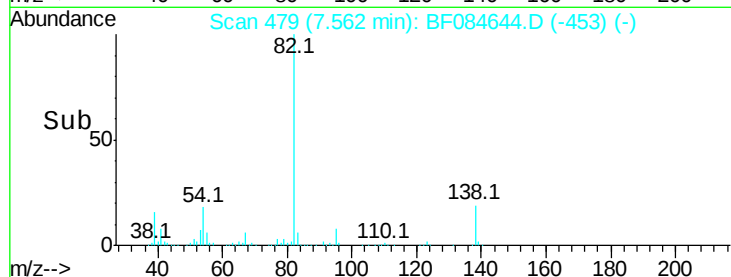
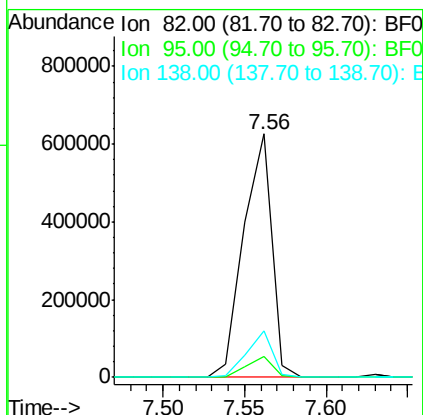
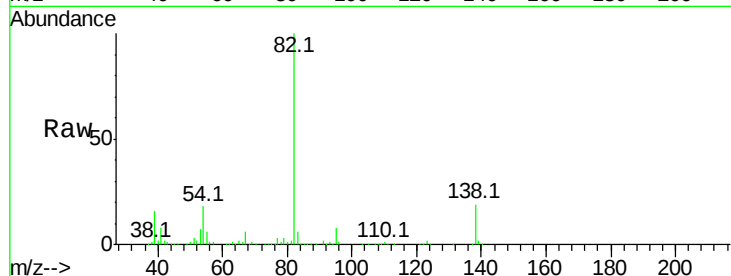
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	748548
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.6	10.0
138	19.3	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.48 ng

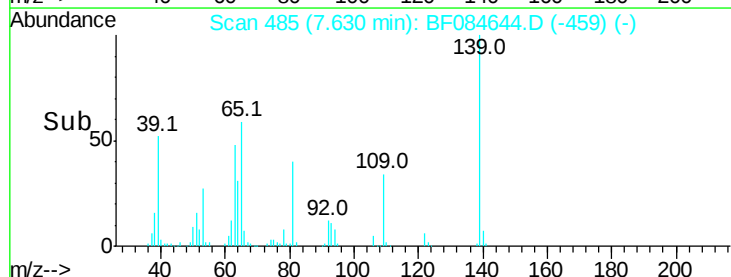
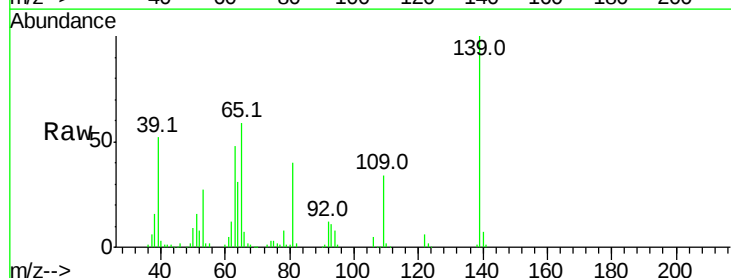
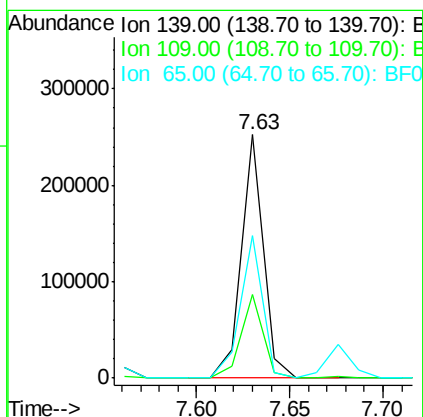
RT: 7.63 min Scan# 485

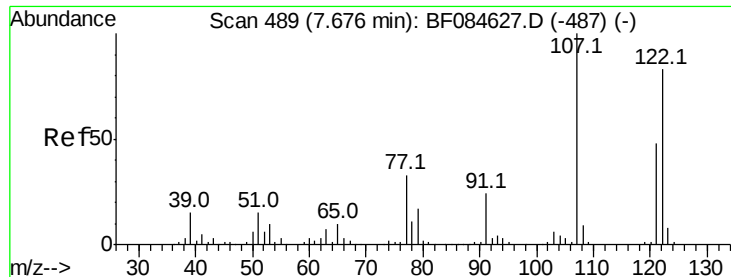
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	139	Resp:	207926
Ion Ratio	Lower	Upper	
139	100		
109	34.3	25.4	38.2
65	58.7	32.3	48.5#





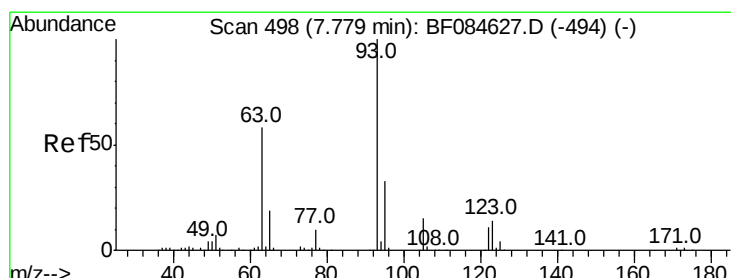
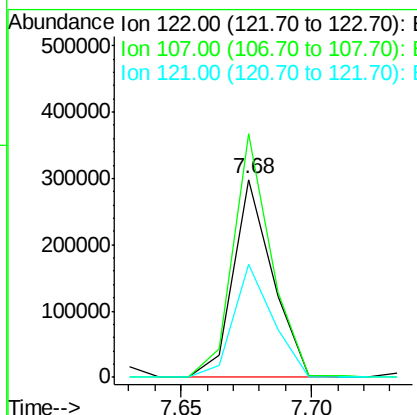
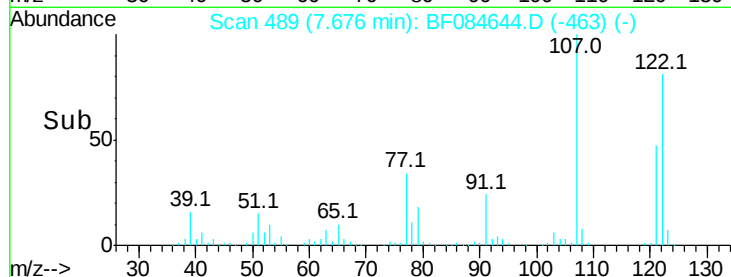
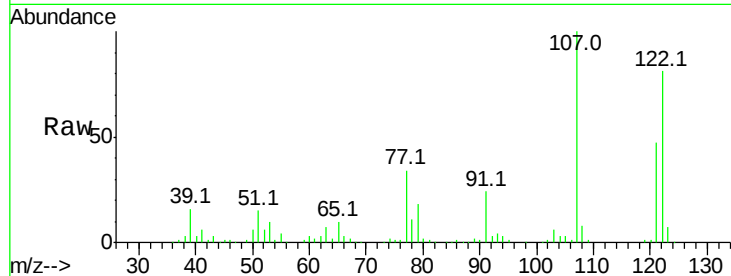
#27
 2,4-Dimethylphenol
 Concen: 37.39 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	122	Resp:	313310
Ion Ratio	Lower	Upper	
122	100		
107	123.0	99.1	148.7
121	57.3	47.9	71.9

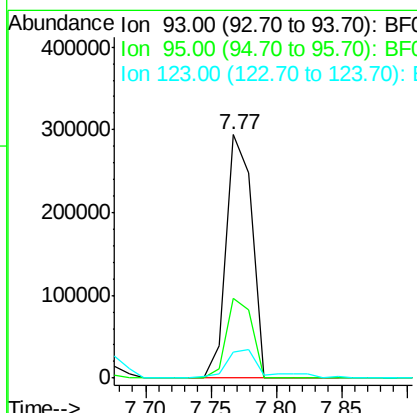
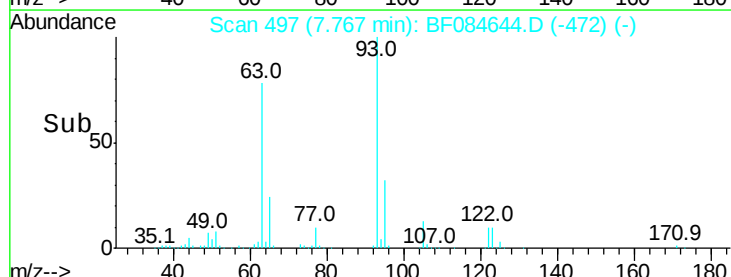
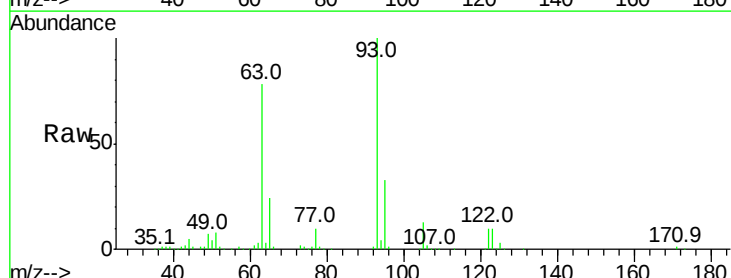
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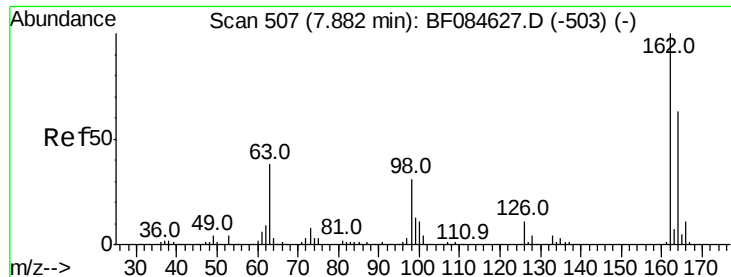
mohammad
 2/1/2016 2:24:24 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.56 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion:	93	Resp:	399537
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.8	38.6
123	10.5	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 41.59 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

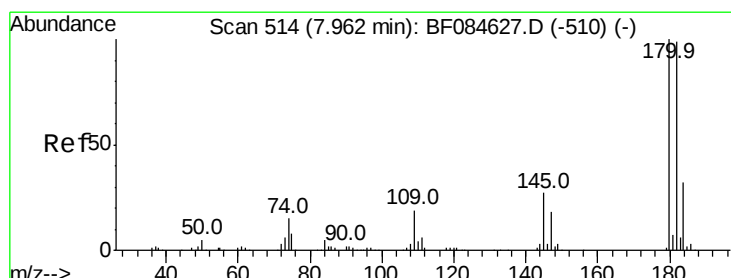
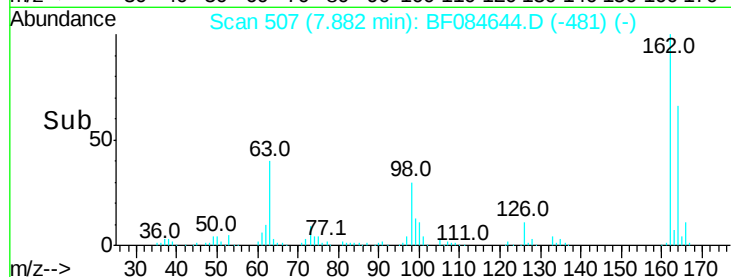
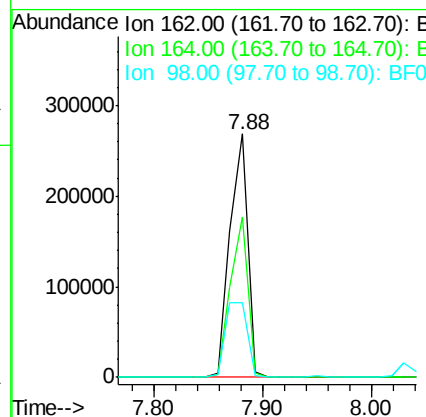
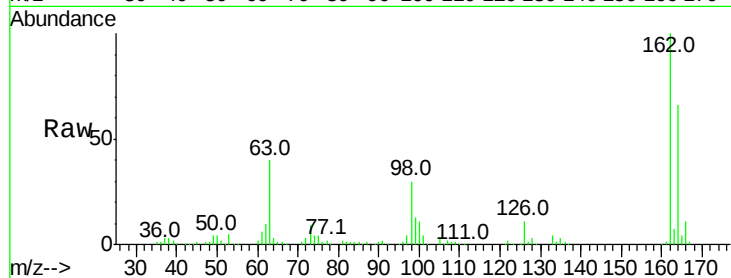
ClientSampleId :

SSTDCCC040EC

Tot Ion:	162	Resp:	304792
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.1	84.1
98	30.5	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 38.56 ng

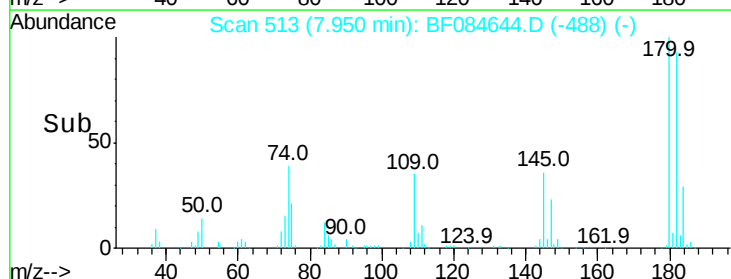
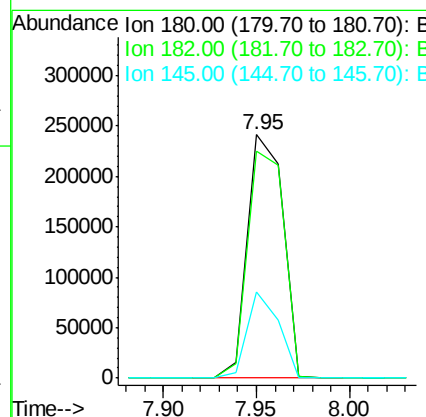
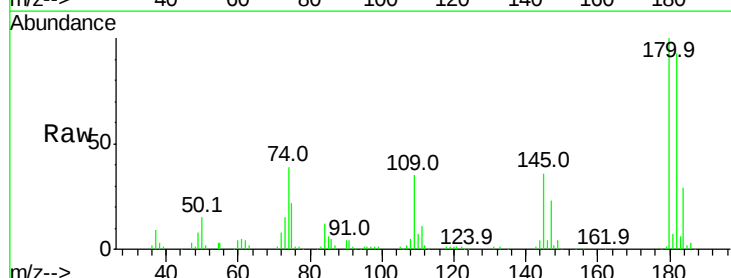
RT: 7.95 min Scan# 513

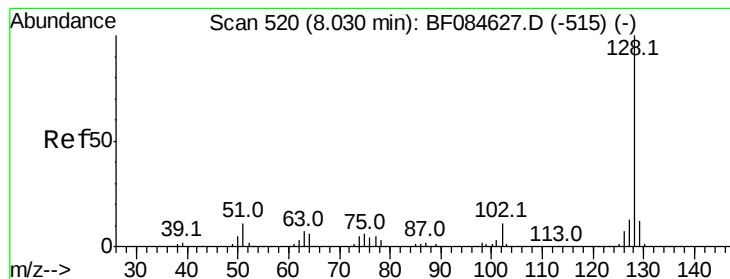
Delta R.T. -0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	180	Resp:	323165
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.4	114.6
145	35.6	31.6	47.4





#31

Naphthalene

Concen: 37.04 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

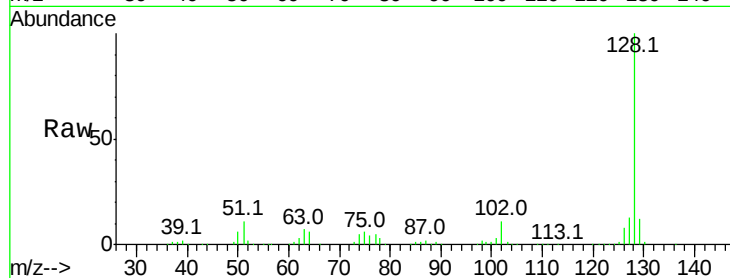
ClientSampleId :

SSTDCCC040EC

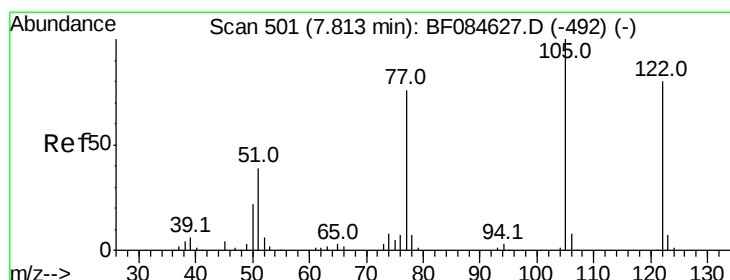
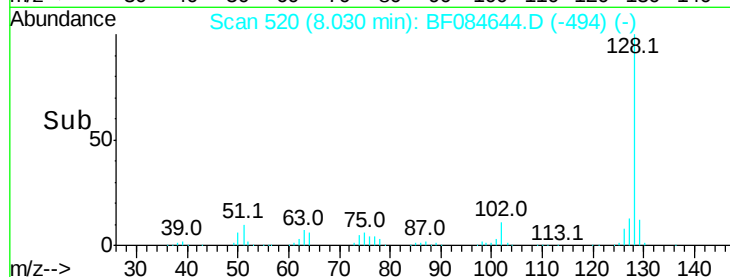
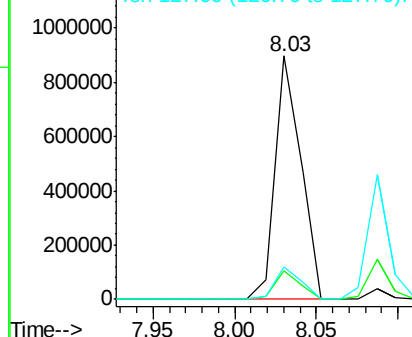
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	13.5	11.1	16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.42 ng

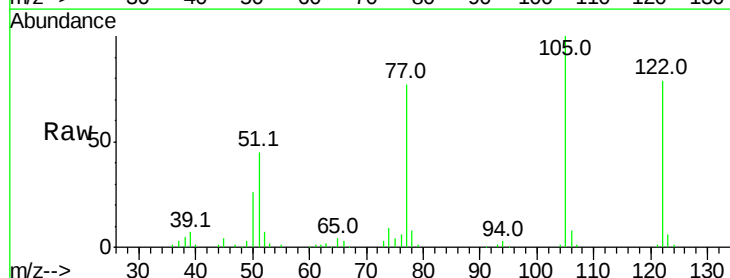
RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

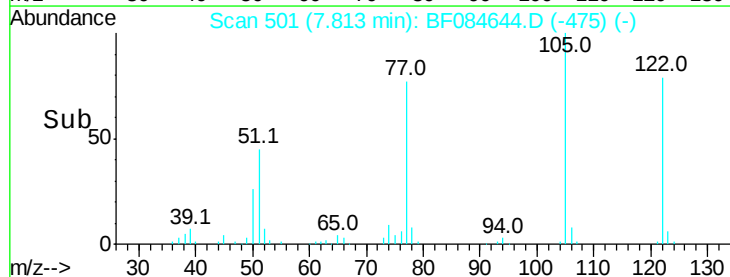
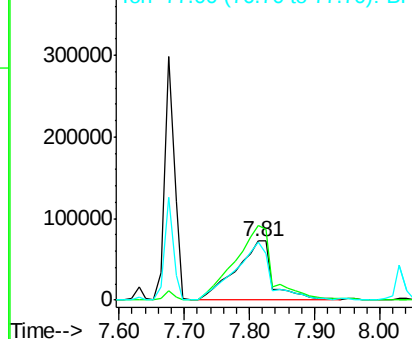
Lab File: BF084644.D

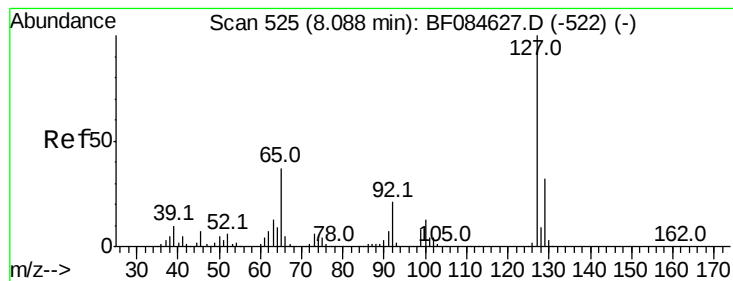
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.2	100.3	140.3
77	97.8	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.46 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

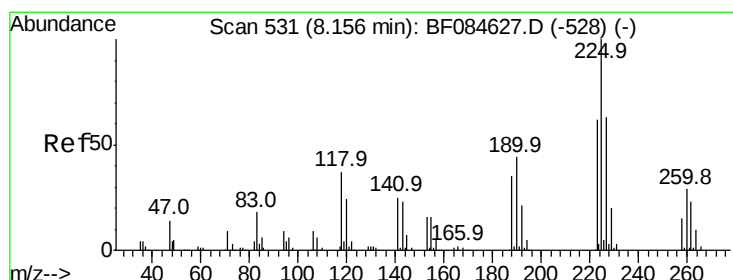
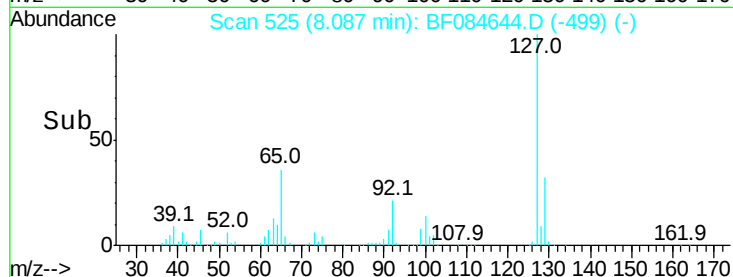
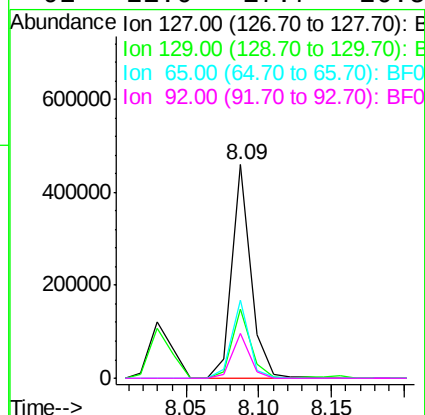
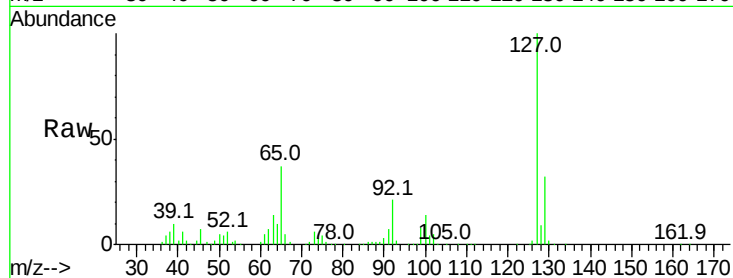
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
417468	127	100			
	129	32.3		26.5	39.7
	65	36.7		27.2	40.8
	92	21.0		17.7	26.5

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#34

Hexachlorobutadiene

Concen: 41.30 ng

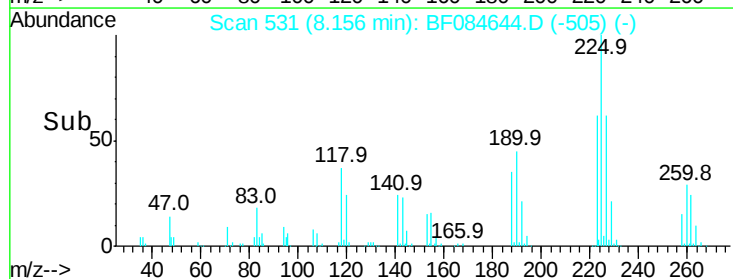
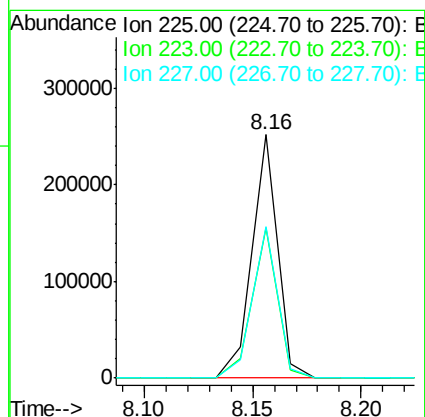
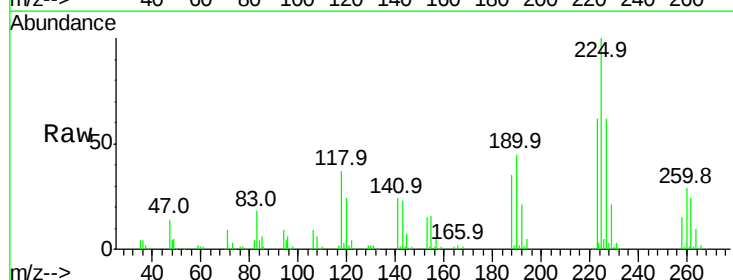
RT: 8.16 min Scan# 531

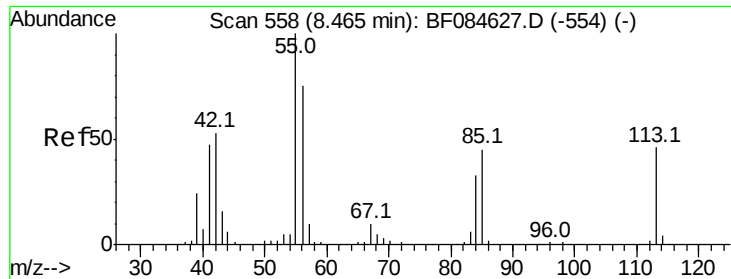
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204532	225	100			
	223	61.9		49.4	74.0
	227	62.2		50.8	76.2





#35

Caprolactam

Concen: 51.01 ng

RT: 8.48 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 107275
Ion Ratio Lower Upper

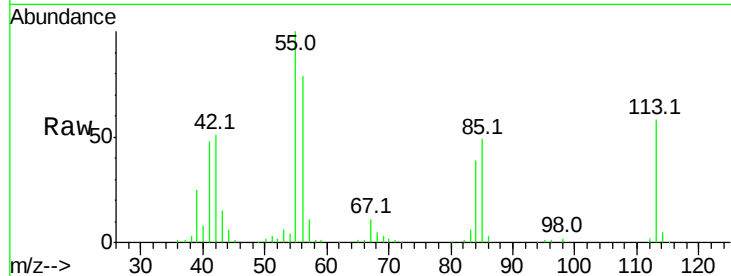
113 100

55 173.2 116.9 156.9#

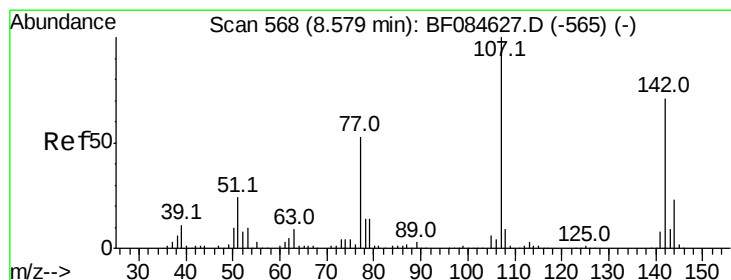
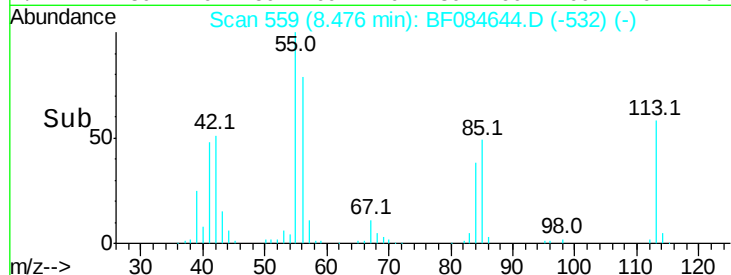
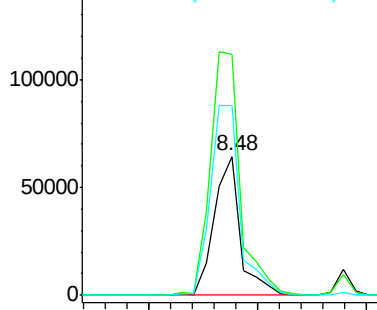
56 136.2 93.8 133.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.86 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF084644.D

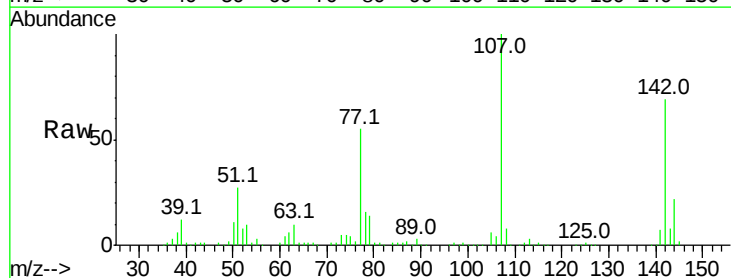
Acq: 29 Jan 2016 19:00

Tgt Ion:107 Resp: 345791
Ion Ratio Lower Upper

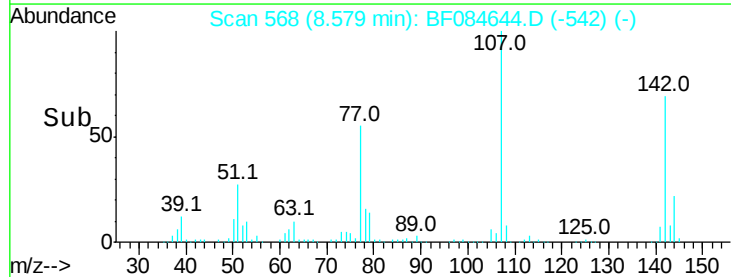
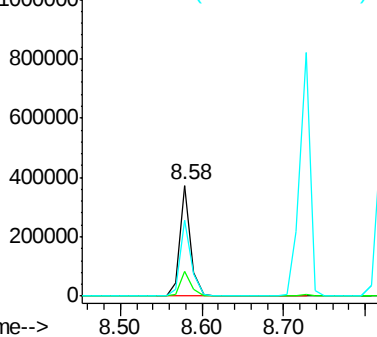
107 100

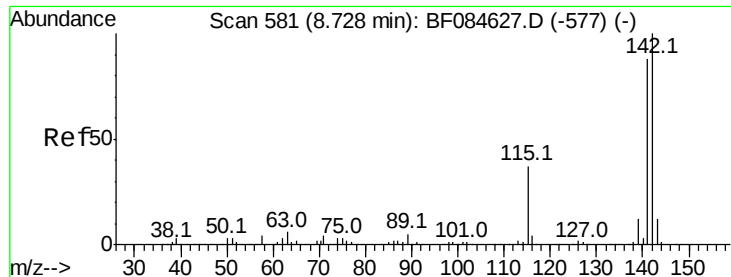
144 22.1 19.7 29.5

142 69.2 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





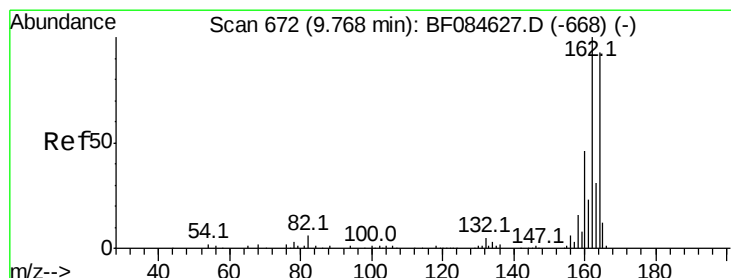
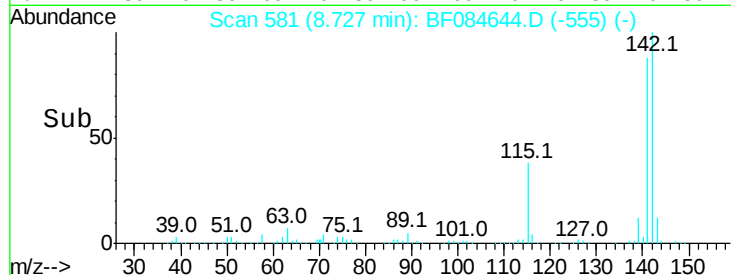
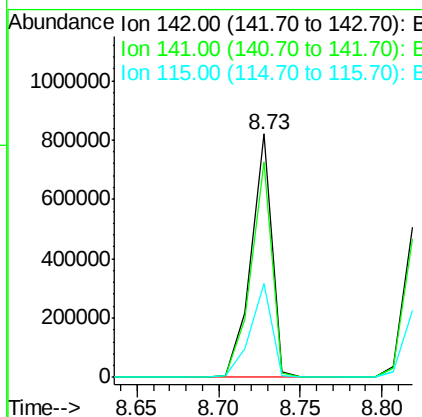
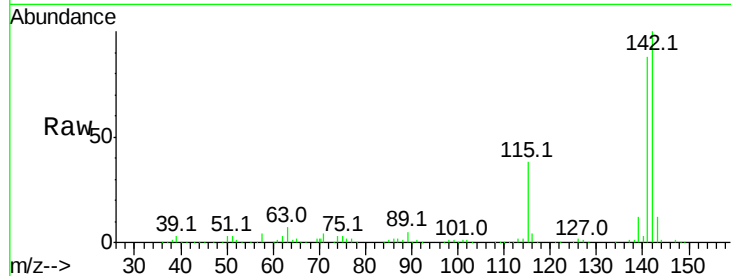
#37
2-Methylnaphthalene
Concen: 44.52 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	38.5	27.9	41.9

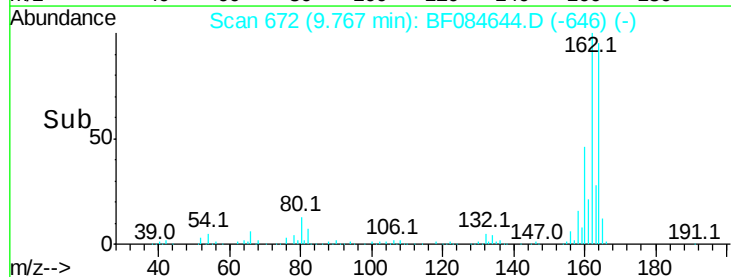
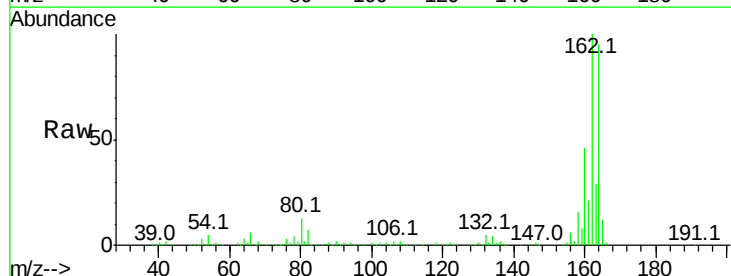
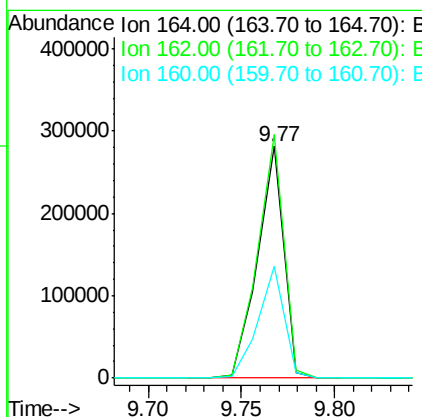
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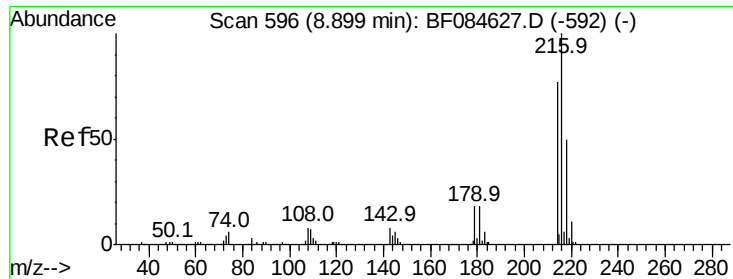
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	48.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.55 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

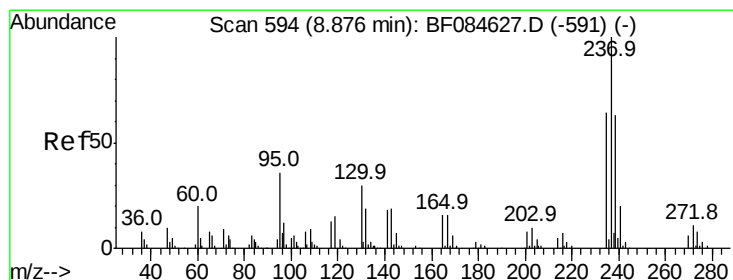
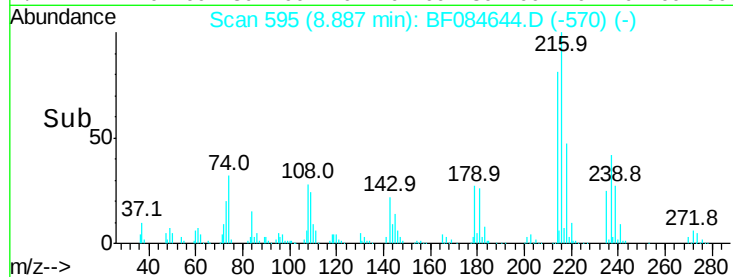
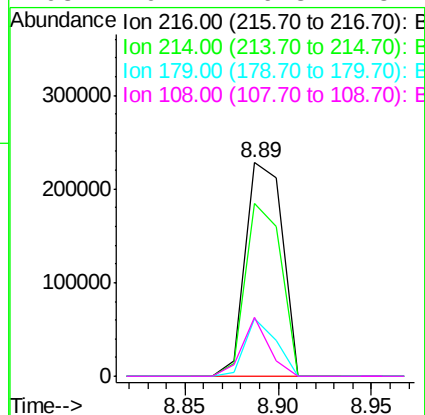
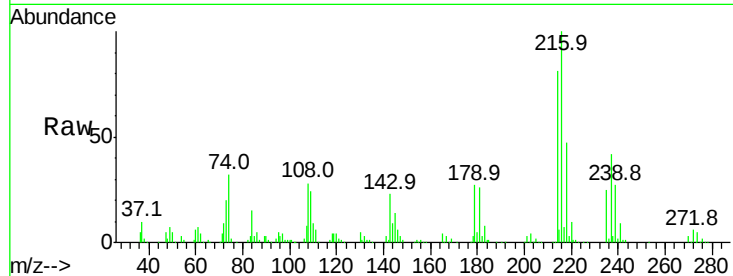
ClientSampleId :

SSTDCCC040EC

Tot Ion:	216	Resp:	313026
Ion Ratio	Lower	Upper	
216	100		
214	78.3	64.2	96.2
179	22.8	18.7	28.1
108	20.4	16.8	25.2

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#40

Hexachlorocyclopentadiene

Concen: 35.86 ng

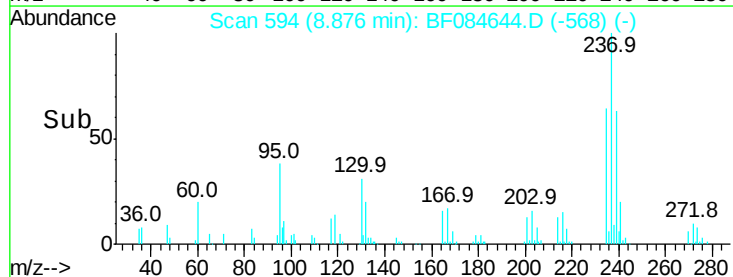
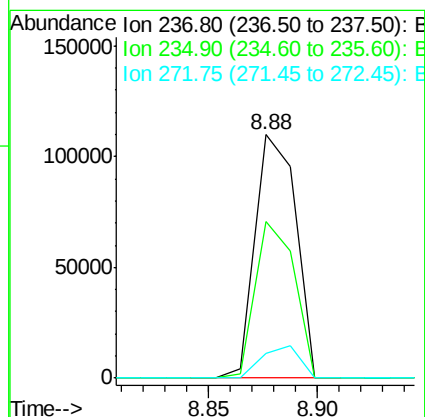
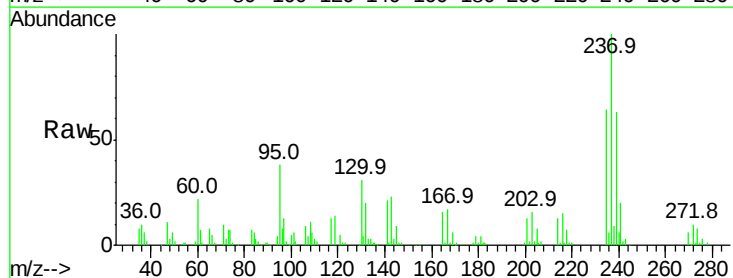
RT: 8.88 min Scan# 594

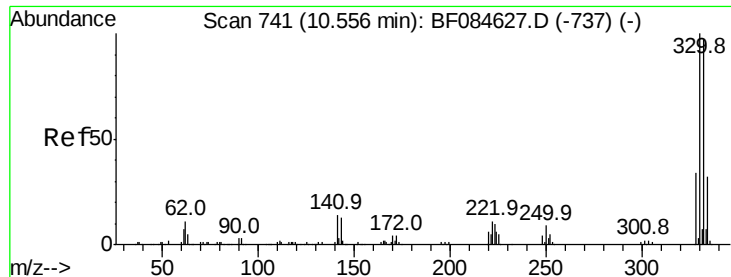
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	237	Resp:	143547
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.1	83.1
272	10.2	0.0	35.1





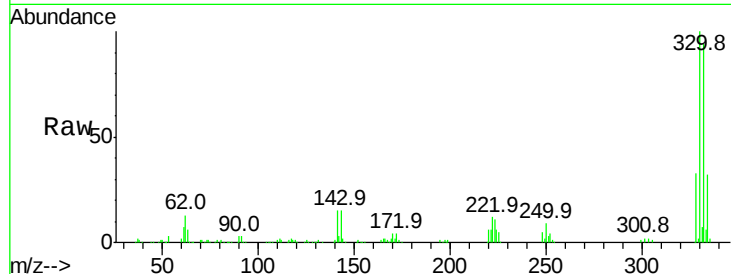
#41
 2,4,6-Tribromophenol
 Concen: 90.39 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

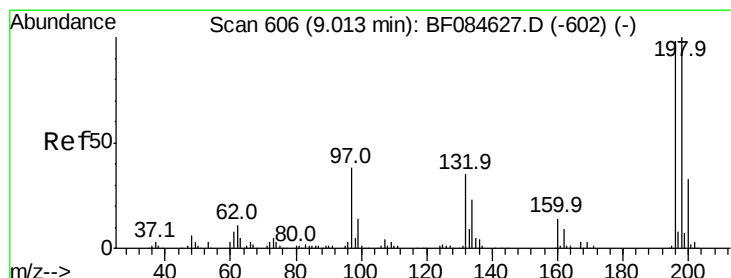
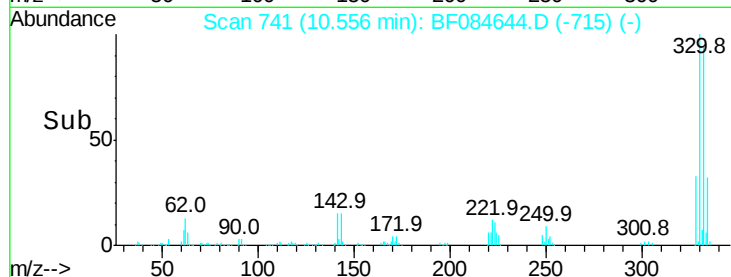
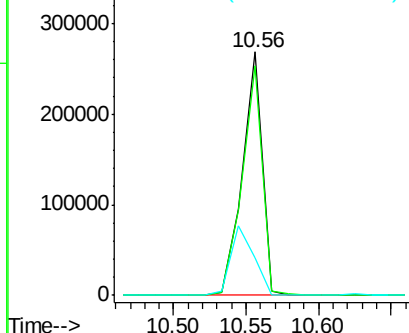
Tot Ion	Ratio	Resp	Lower	Upper
330	100	257210		
332	95.9	76.6	114.8	
141	33.0	27.8	41.6	

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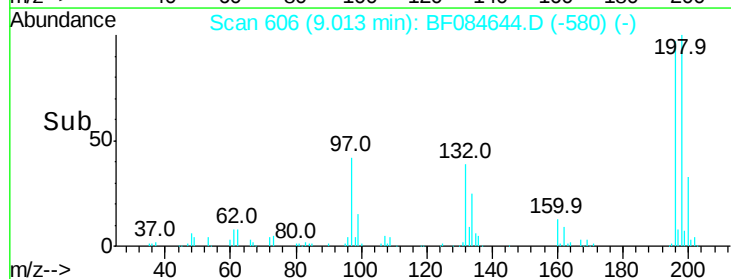
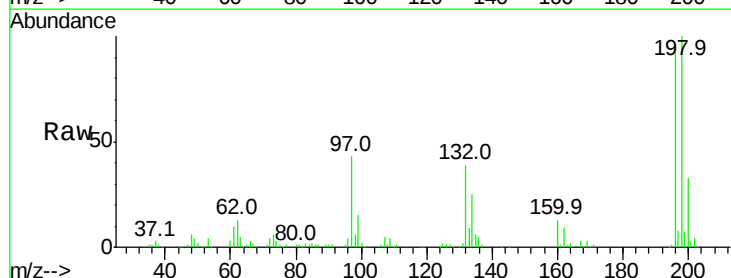
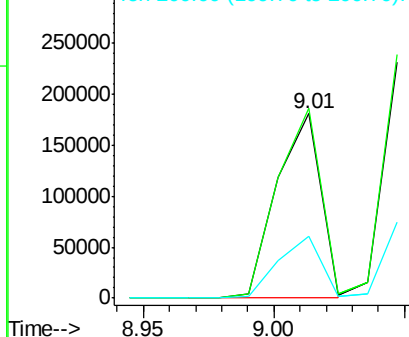
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

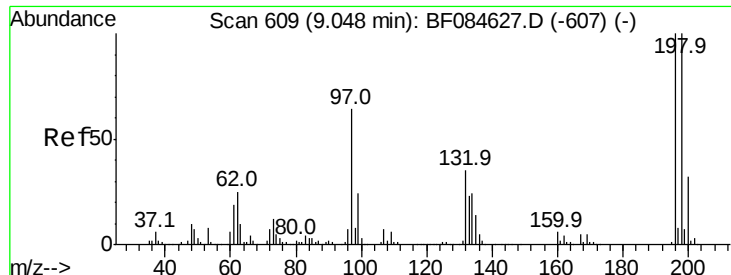


#42
 2,4,6-Trichlorophenol
 Concen: 38.48 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210472		
198	103.2	77.7	116.5	
200	33.5	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





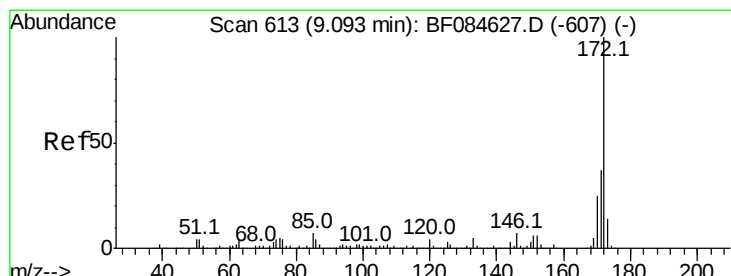
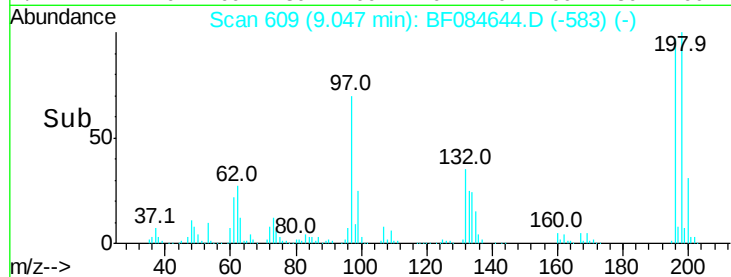
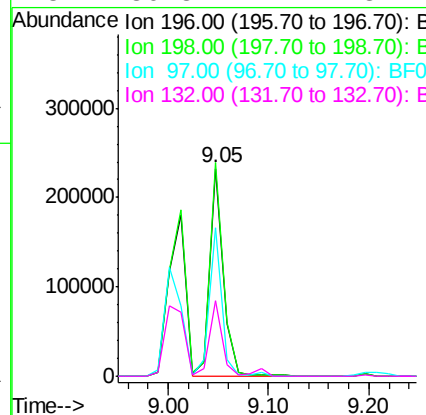
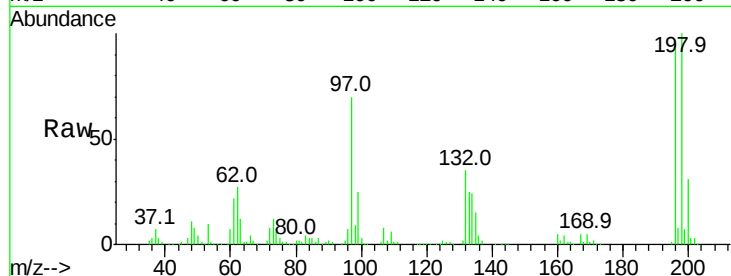
#43
 2,4,5-Trichlorophenol
 Concen: 38.67 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	218394		
198	103.0	79.0	118.6	
97	71.9	33.0	49.6	
132	36.3	21.1	31.7	

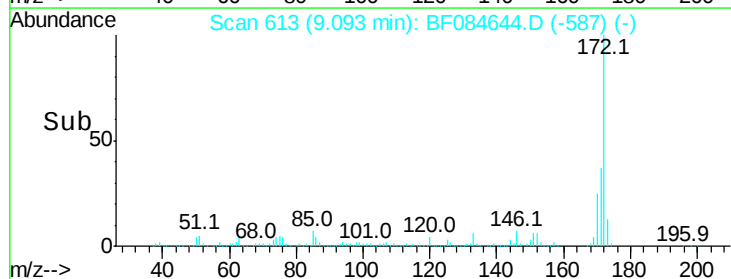
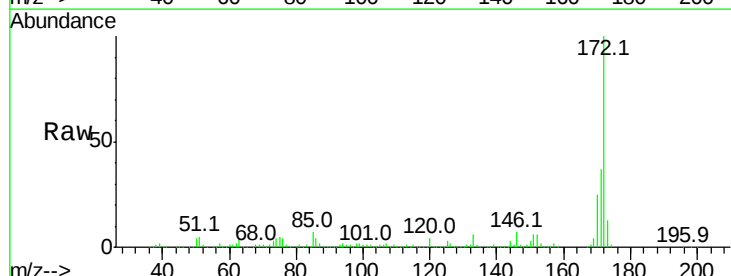
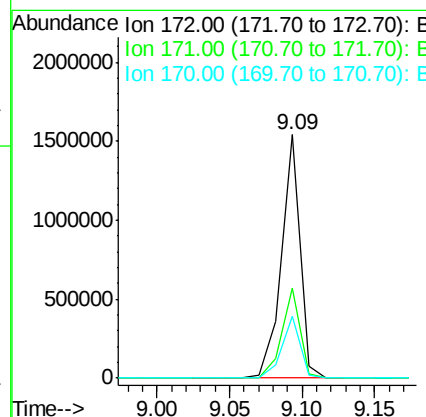
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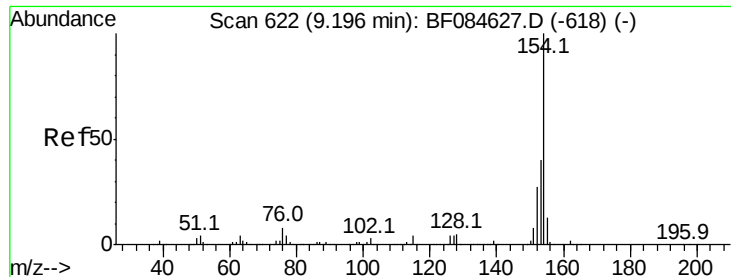
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 74.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1366196		
171	37.0	28.9	43.3	
170	25.2	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 39.08 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

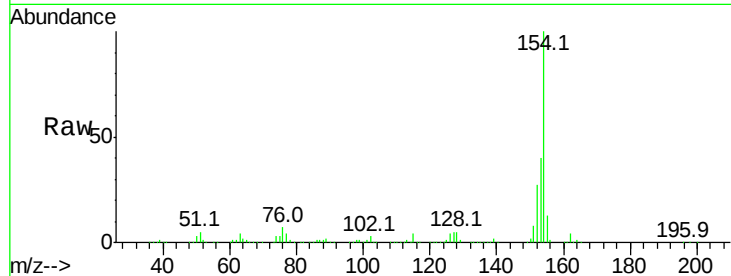
ClientSampleId :

SSTDCCC040EC

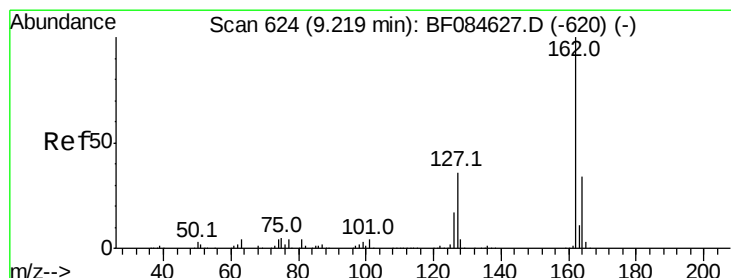
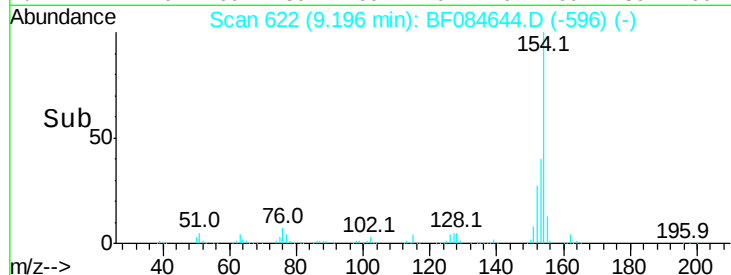
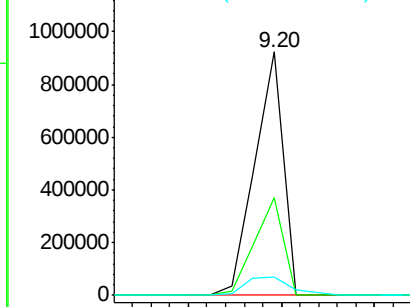
Tot Ion:	154	Resp:	972320
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.6	61.6
76	7.3	0.0	32.7

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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: 37.52 ng

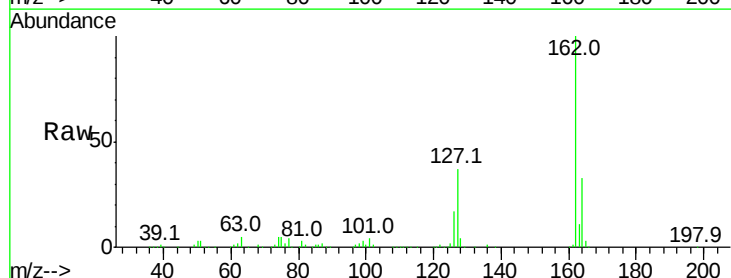
RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

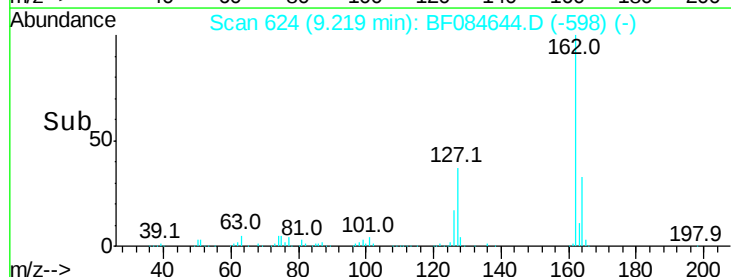
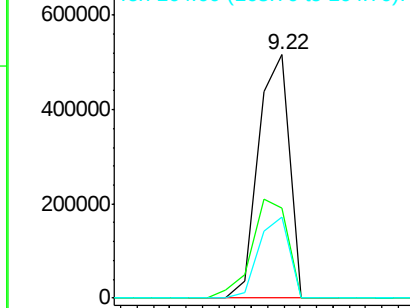
Lab File: BF084644.D

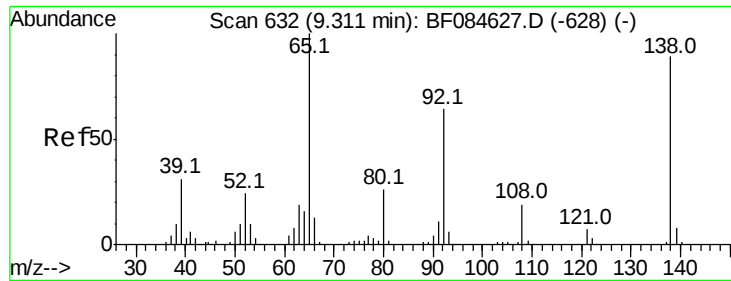
Acq: 29 Jan 2016 19:00

Tgt Ion:	162	Resp:	681110
Ion Ratio	Lower	Upper	
162	100		
127	36.8	40.2	60.4#
164	33.1	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





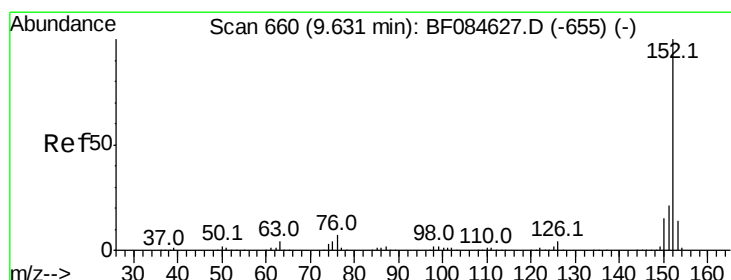
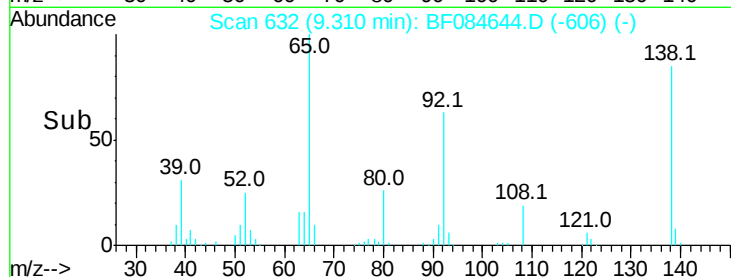
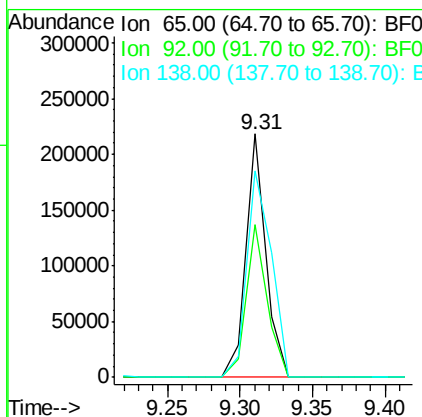
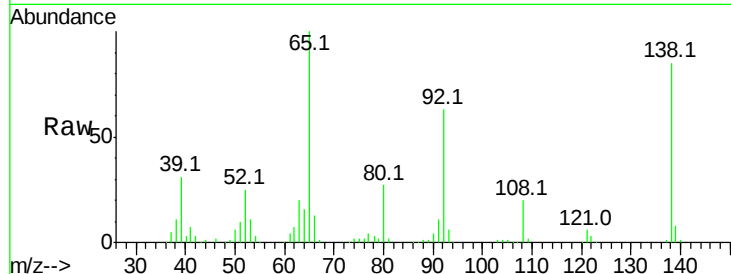
#47
2-Nitroaniline
Concen: 38.20 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.6	53.4	80.2
138	84.6	71.1	106.7

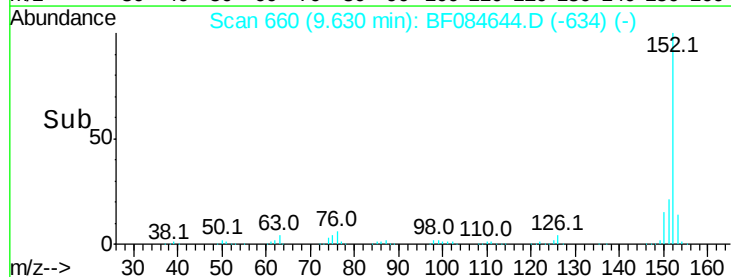
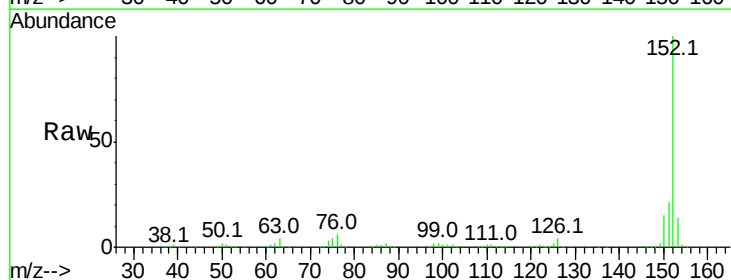
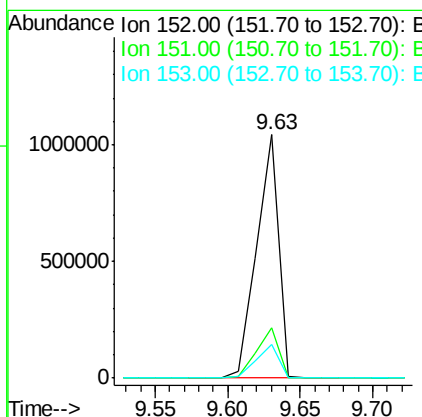
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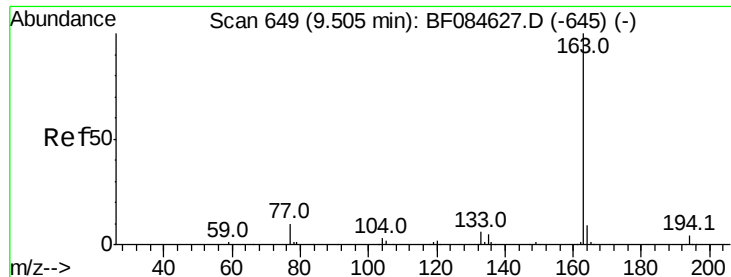
mohammad
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#48
Acenaphthylene
Concen: 39.72 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.0	10.4	15.6





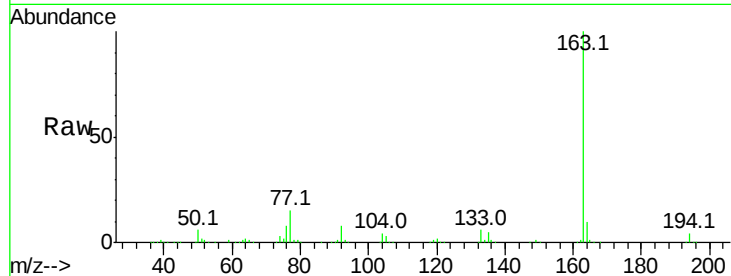
#49
Dimethylphthalate
Concen: 41.90 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

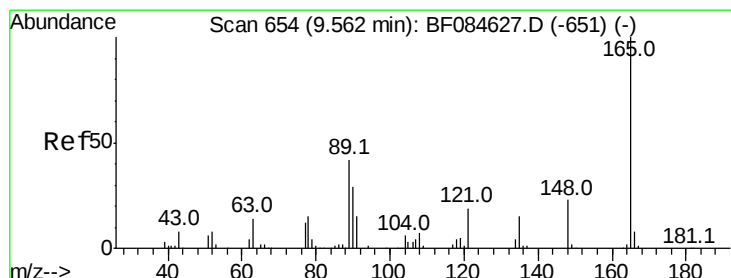
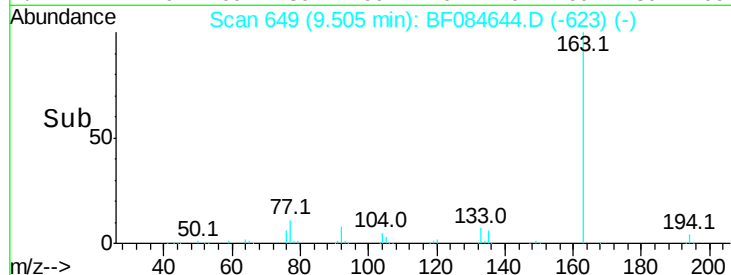
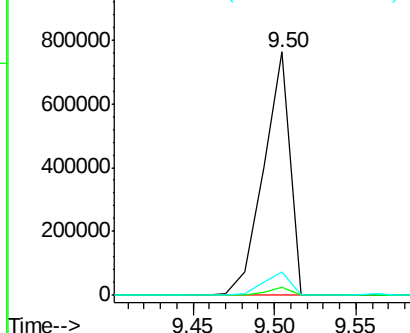
Tot Ion	Ratio	Resp	Lower	Upper
163	100	853789		
194	3.5		8.0	12.0#
164	9.8		8.0	12.0

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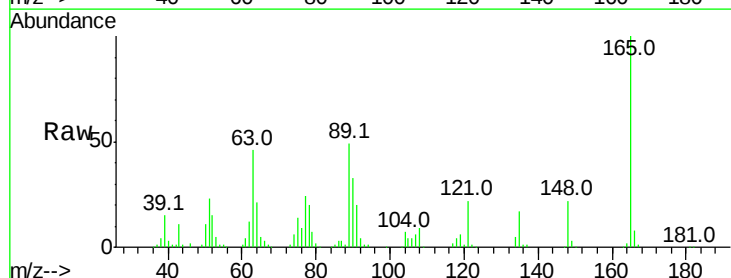


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

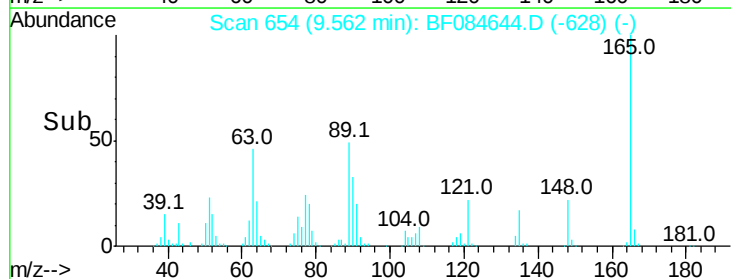
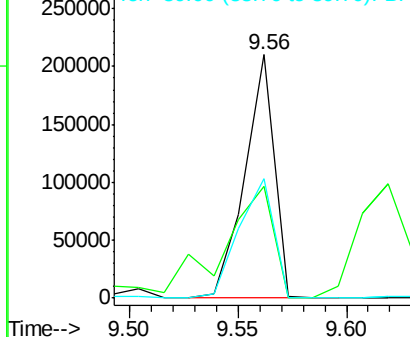


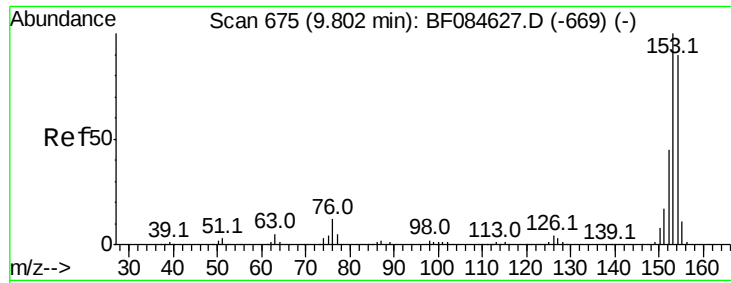
#50
2,6-Dinitrotoluene
Concen: 43.87 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196668		
63	46.0		28.8	43.2#
89	49.3		35.1	52.7



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





#51

Acenaphthene

Concen: 42.04 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

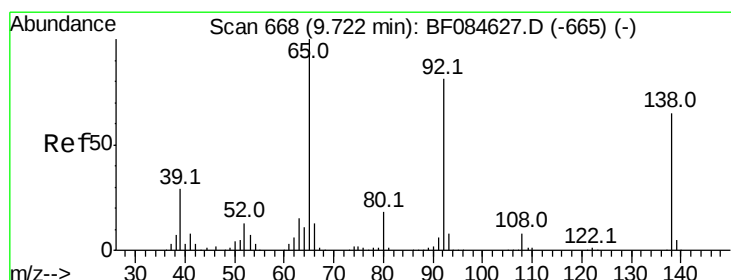
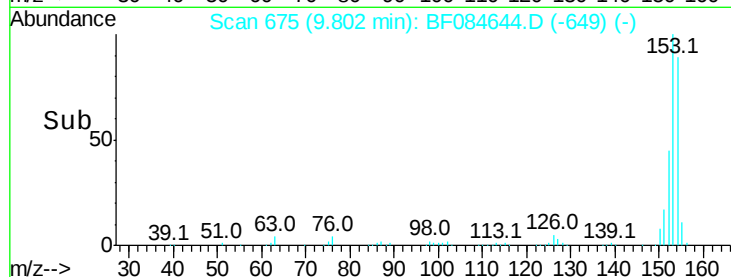
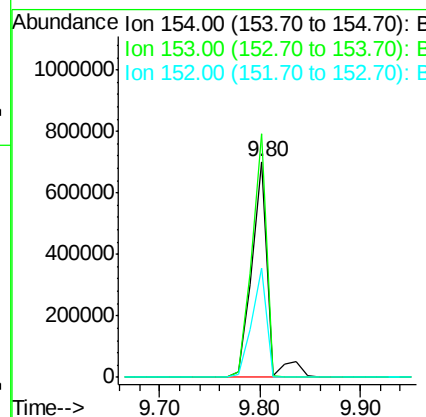
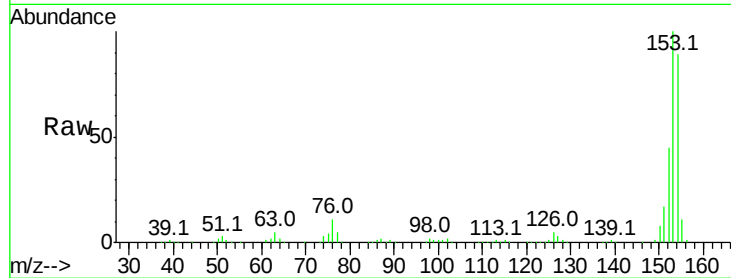
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	774322
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.5	137.3
152	50.8	43.0	64.6

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#52

3-Nitroaniline

Concen: 39.41 ng

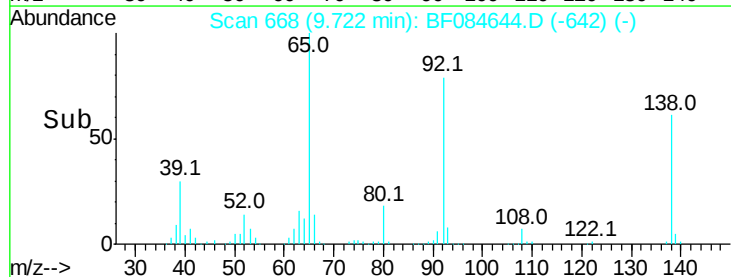
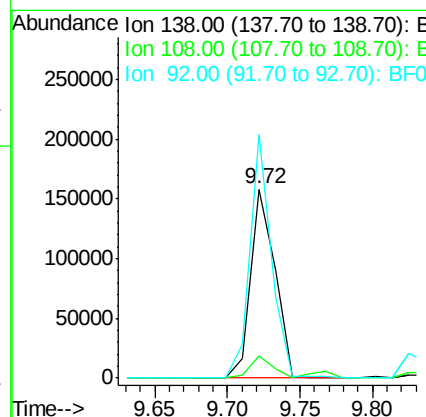
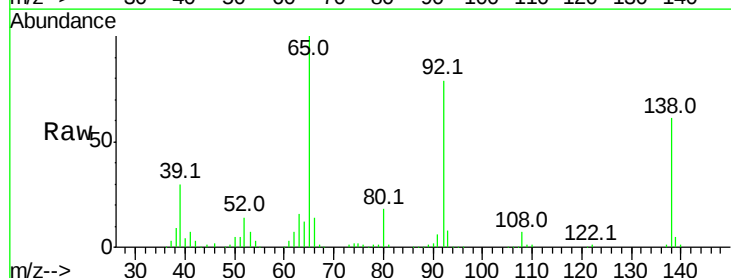
RT: 9.72 min Scan# 668

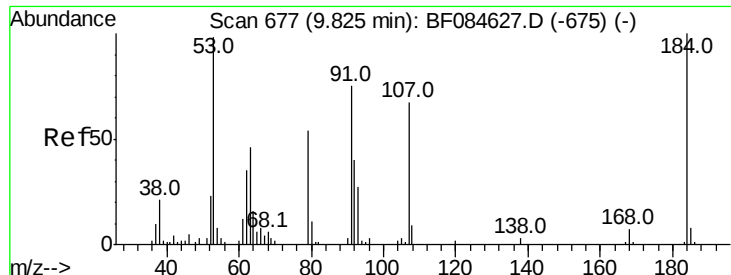
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	138	Resp:	184626
Ion Ratio	Lower	Upper	
138	100		
108	11.9	10.5	15.7
92	128.9	103.9	155.9





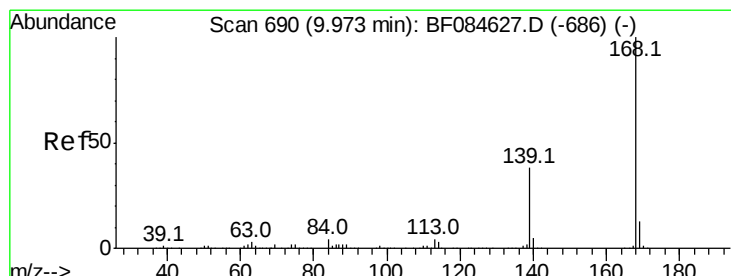
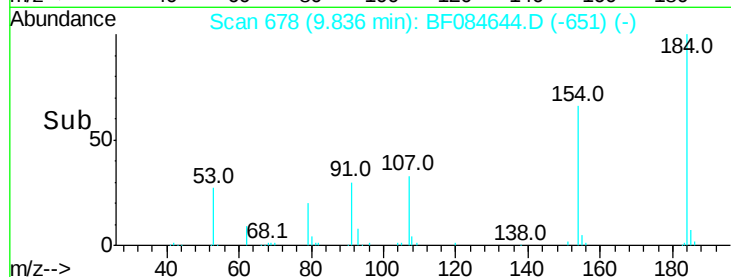
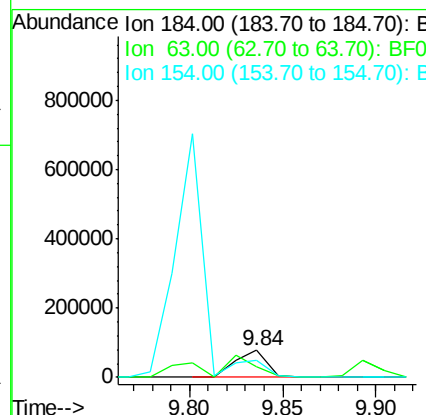
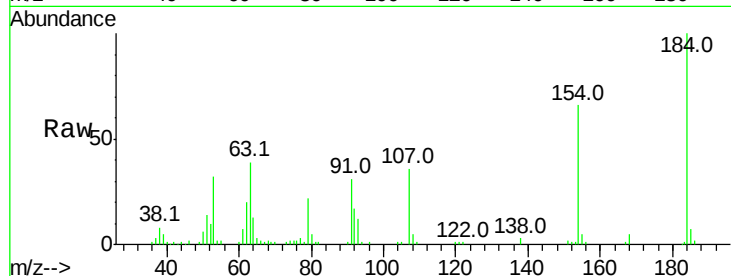
#53
 2,4-Dinitrophenol
 Concen: 43.19 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	39.1	43.1	64.7#	
154	65.8	60.5	90.7	

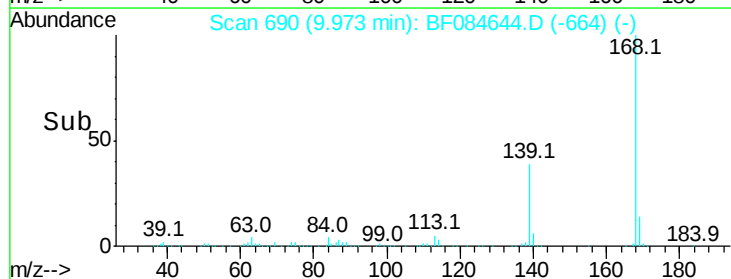
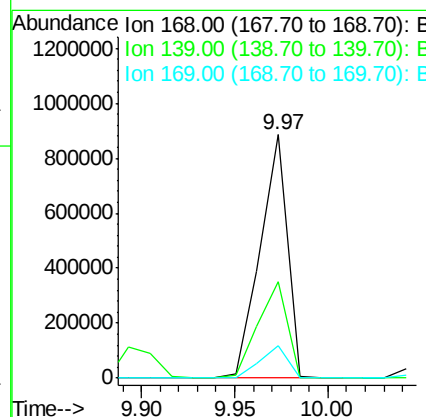
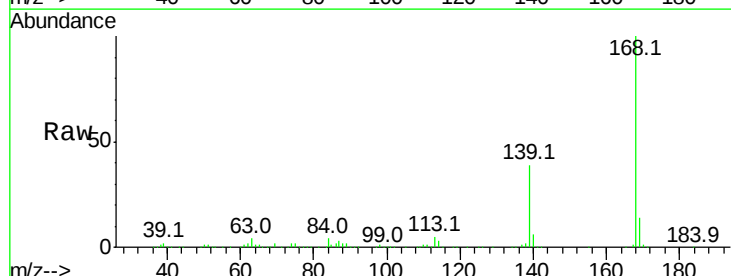
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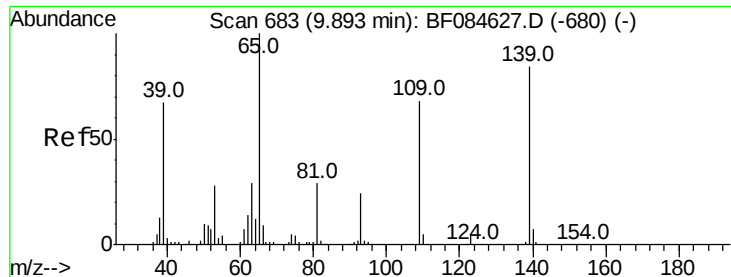
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#54
 Dibenzofuran
 Concen: 40.54 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	30.5	45.7	
169	13.6	10.4	15.6	





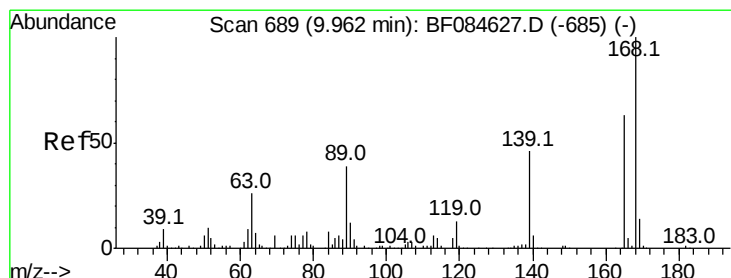
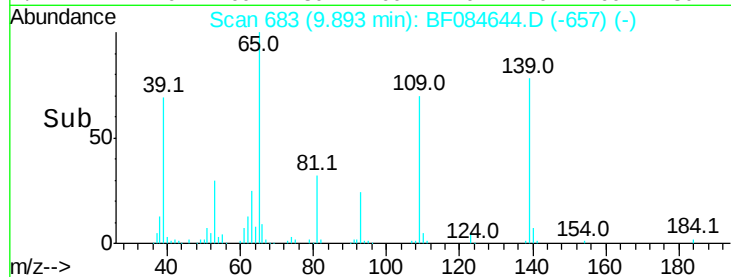
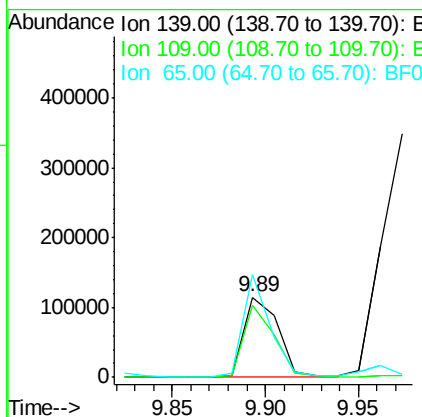
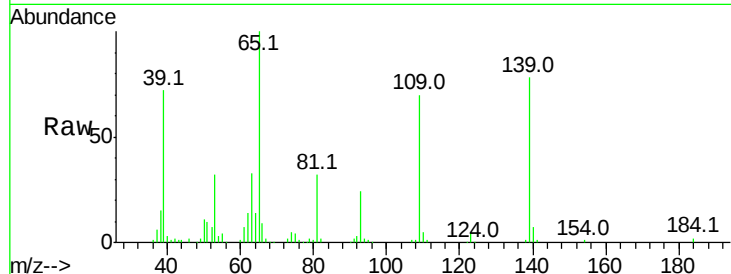
#55
4-Nitrophenol
Concen: 43.53 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	90.2	58.5	98.5	
65	128.6	57.6	97.6	

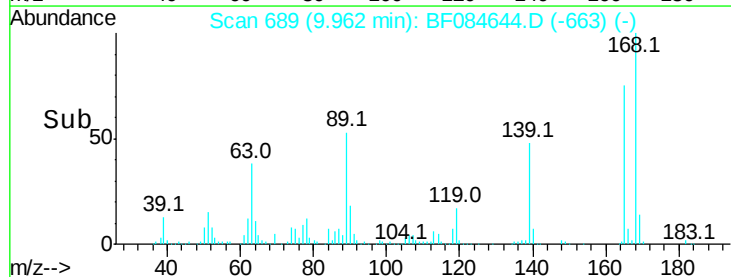
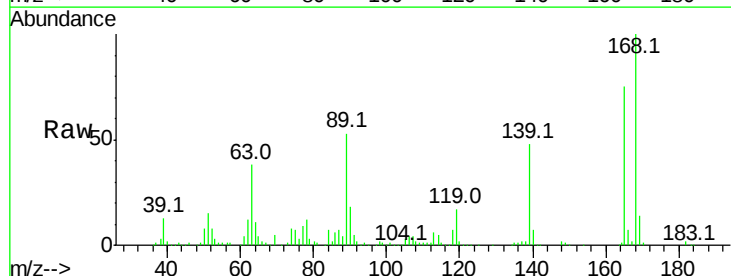
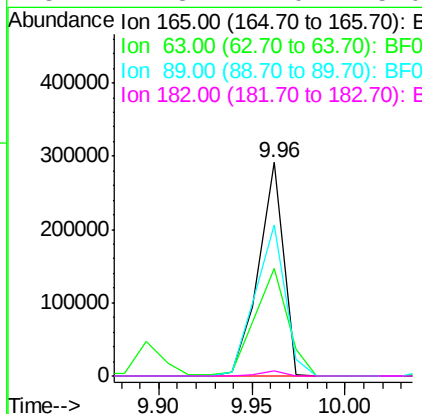
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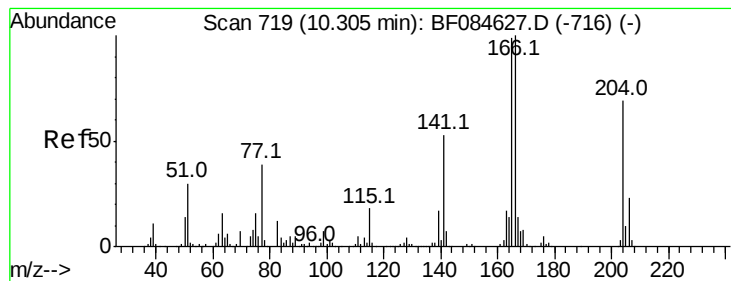
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.26 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.4	36.7	55.1	
89	70.8	61.9	92.9	
182	2.3	2.0	3.0	





#57

Fluorene

Concen: 40.79 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 760072

Ion Ratio Lower Upper

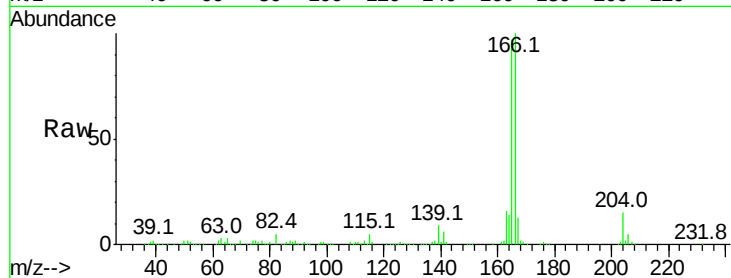
166 100

165 97.4 79.1 118.7

167 12.7 10.4 15.6

Manual Integrations
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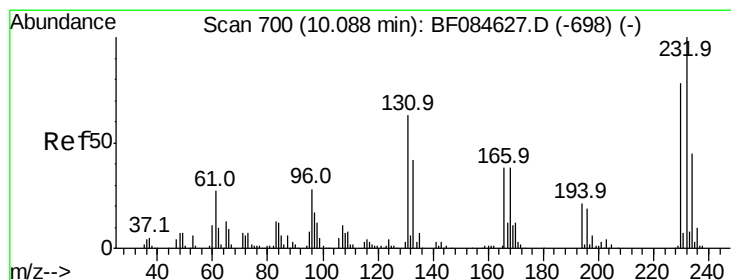
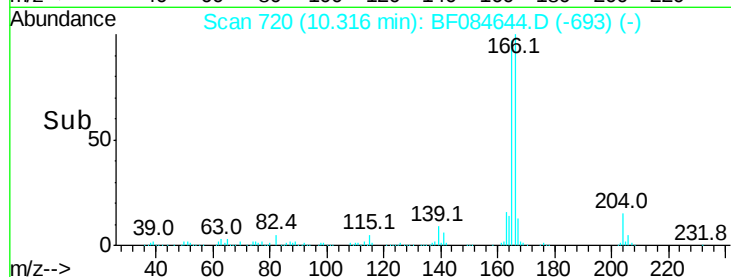
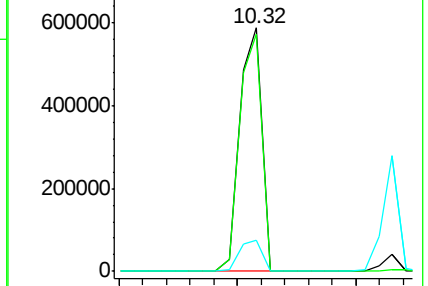
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.33 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:232 Resp: 167929

Ion Ratio Lower Upper

232 100

131 56.2 47.0 70.6

130 3.0 2.0 3.0

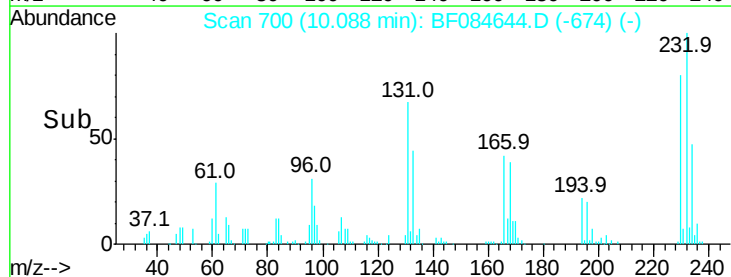
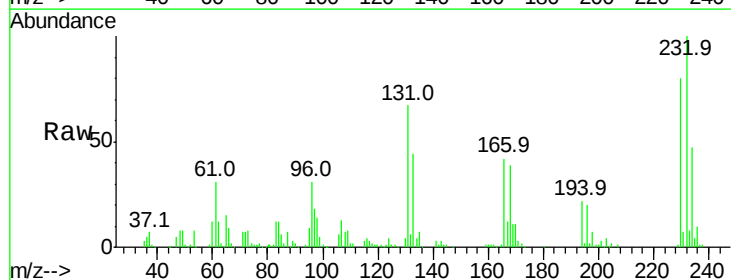
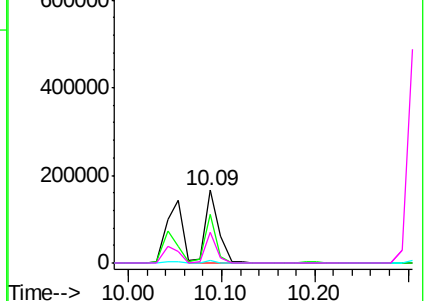
166 35.1 30.5 45.7

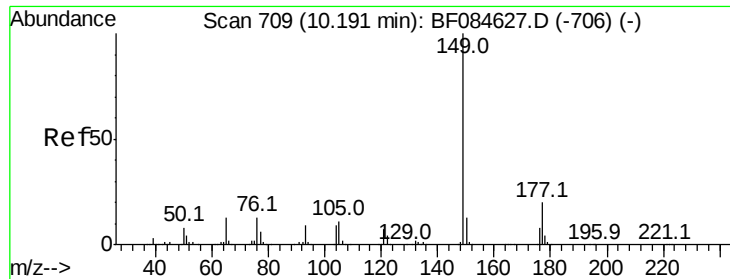
Abundance Ion 232.00 (231.70 to 232.70): E

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





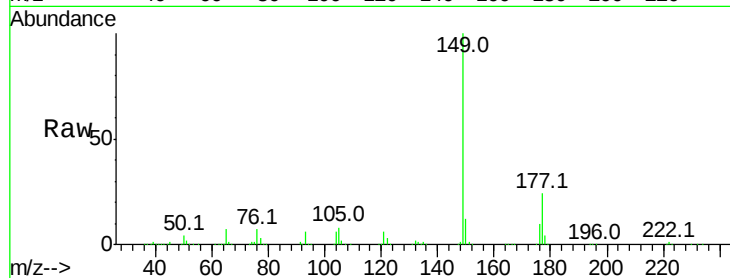
#59
Diethylphthalate
Concen: 40.54 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

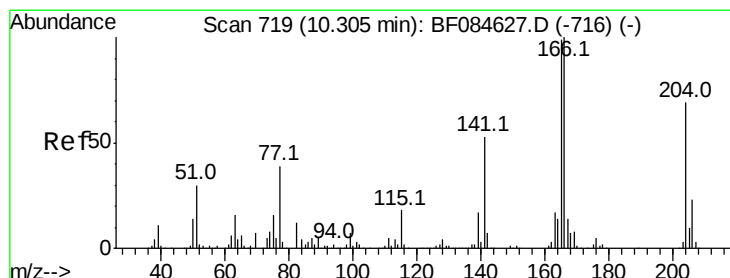
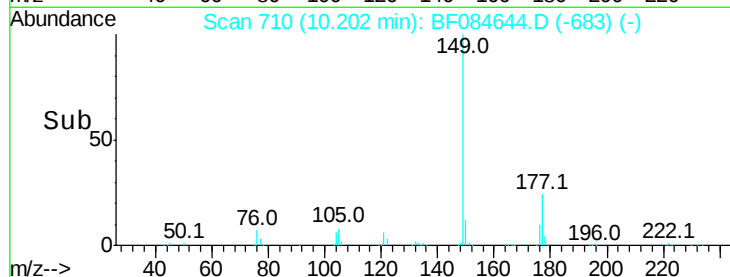
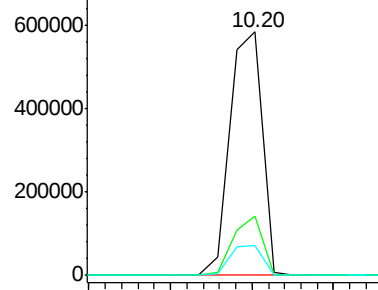
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.1	17.3	25.9	
150	12.2	9.8	14.8	

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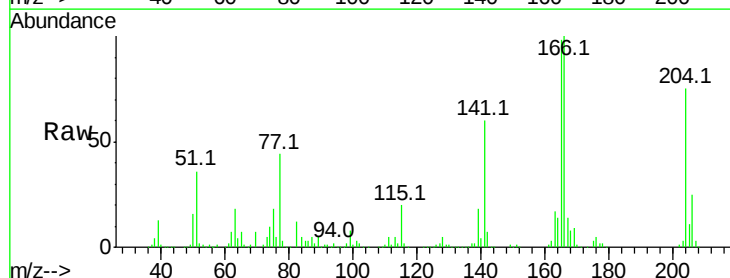


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

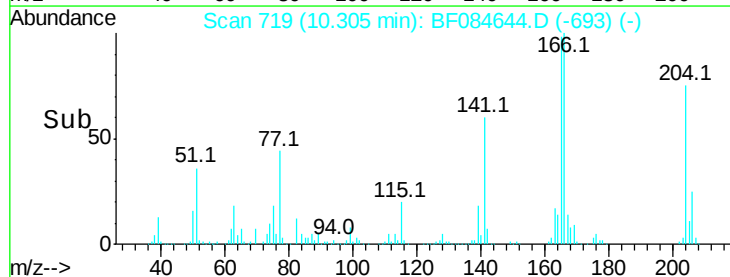
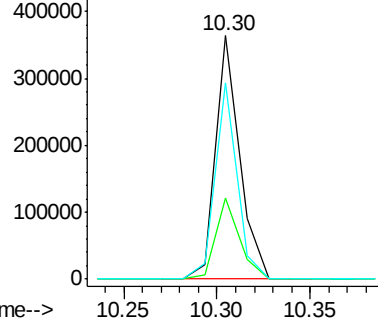


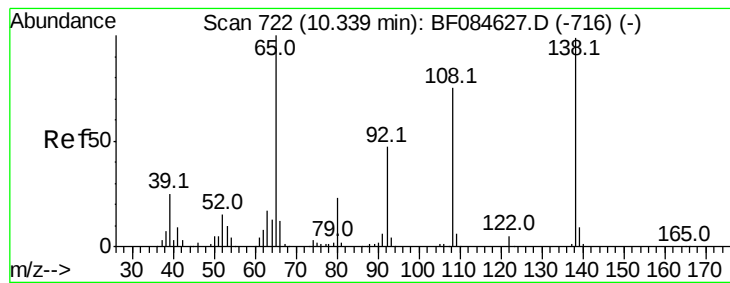
#60
4-Chlorophenyl-phenylether
Concen: 39.03 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.2	25.7	38.5	
141	80.8	55.1	82.7	



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





#61

4-Nitroaniline

Concen: 44.37 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

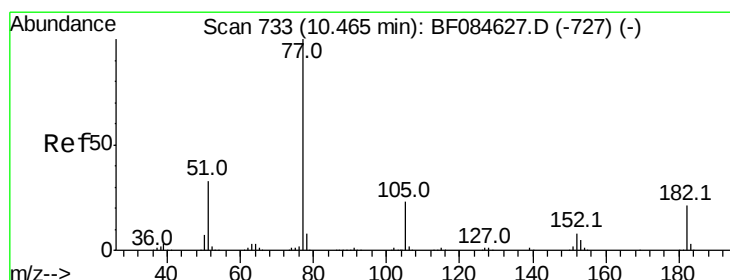
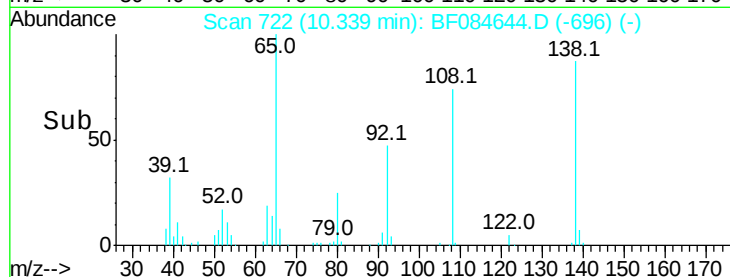
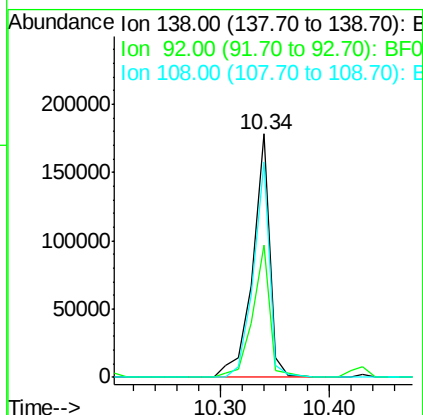
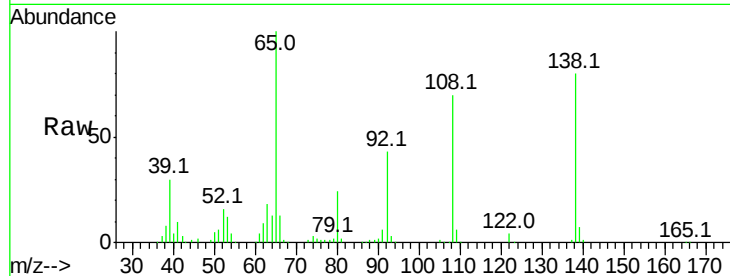
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	138	Resp:	196750
Ion Ratio	Lower	Upper	
138	100		
92	54.2	32.6	72.6
108	88.4	68.6	108.6



#62

Azobenzene

Concen: 41.85 ng

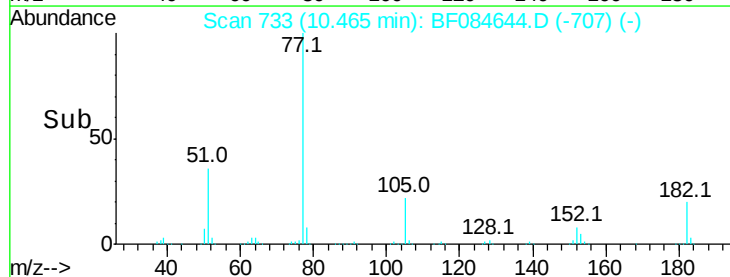
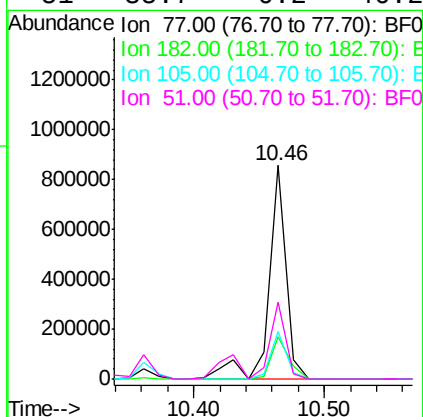
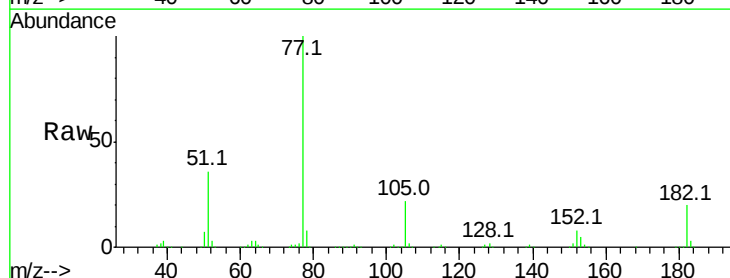
RT: 10.46 min Scan# 733

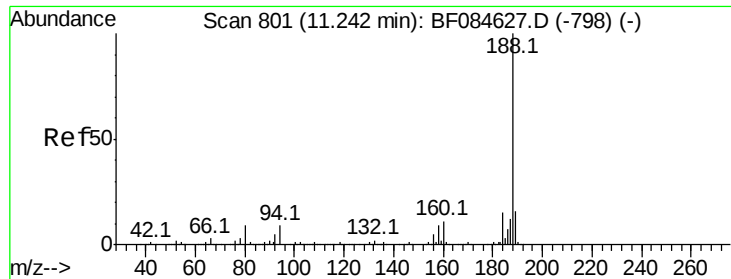
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	77	Resp:	799099
Ion Ratio	Lower	Upper	
77	100		
182	19.9	8.3	48.3
105	22.4	4.6	44.6
51	35.7	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

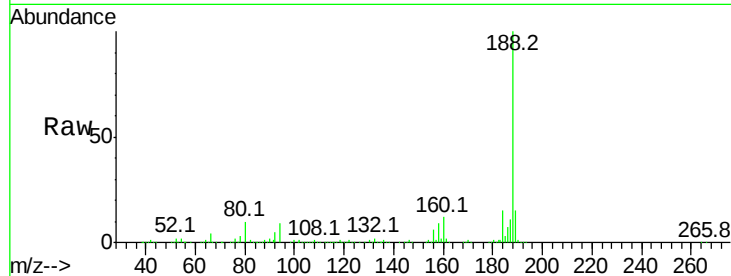
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	675643
Ion Ratio	Lower	Upper	
188	100		
94	9.5	9.0	13.4
80	10.1	9.6	14.4

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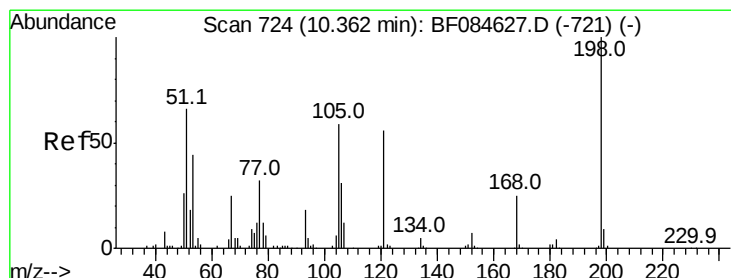
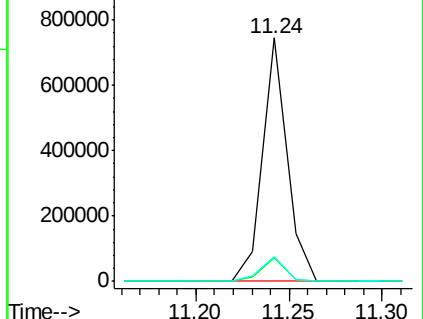
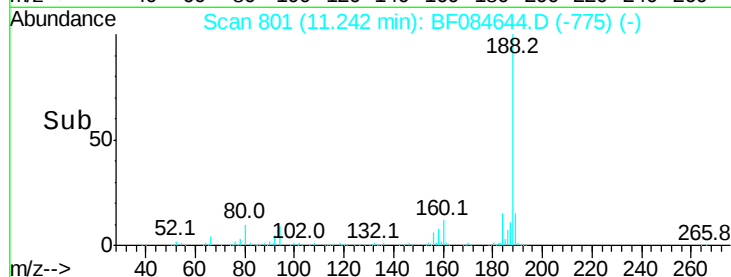
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 30.56 ng

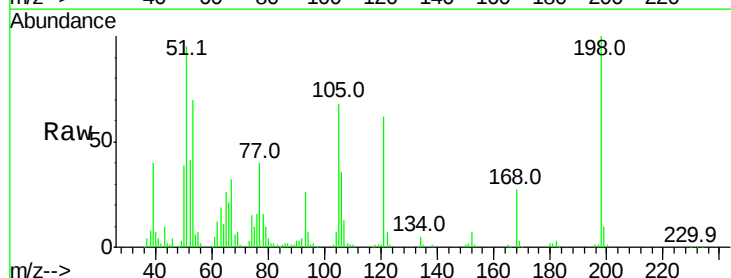
RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

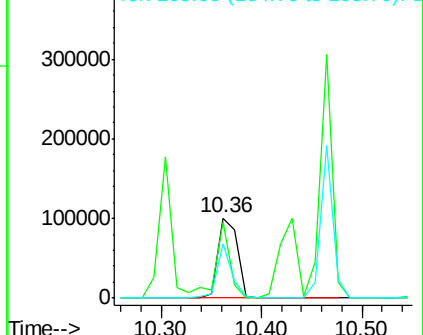
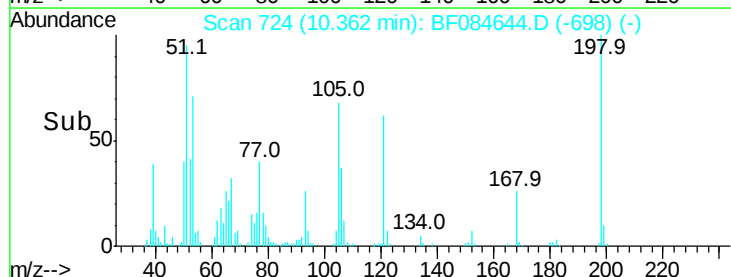
Tgt Ion:	198	Resp:	134871
Ion Ratio	Lower	Upper	
198	100		
51	94.7	18.9	58.9#
105	67.8	26.4	66.4#

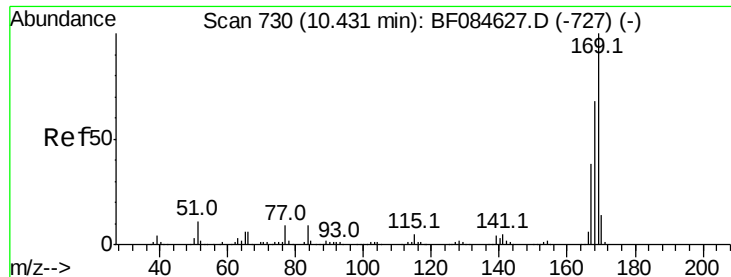


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 31.26 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

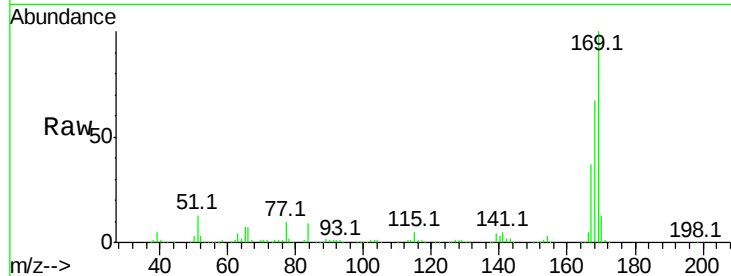
ClientSampleId :

SSTDCCC040EC

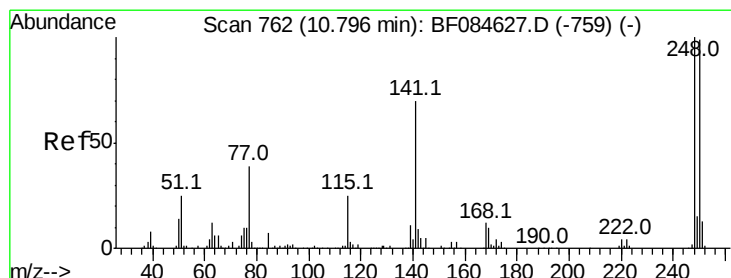
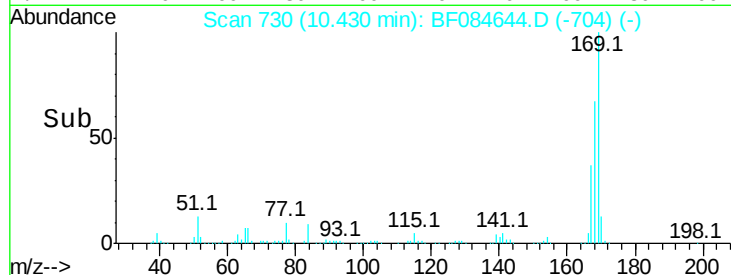
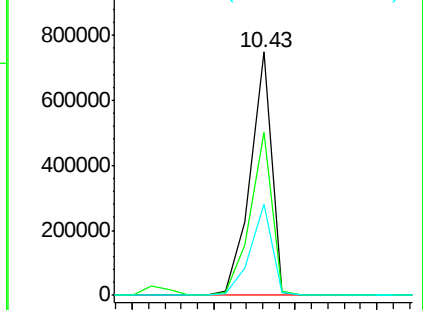
Tot Ion:	169	Resp:	684874
Ion Ratio	Lower	Upper	
169	100		
168	67.1	55.1	82.7
167	37.4	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 30.42 ng

RT: 10.80 min Scan# 762

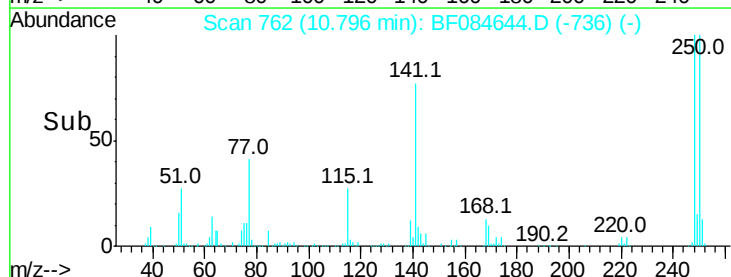
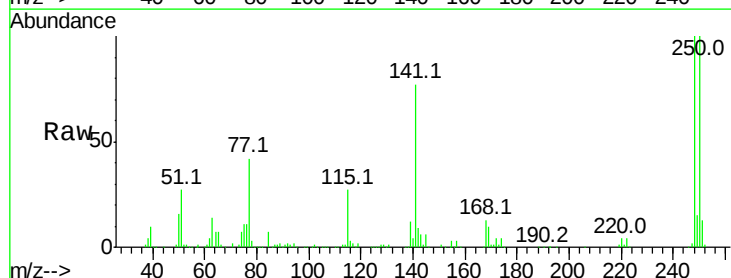
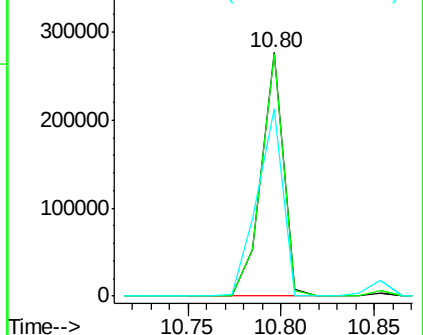
Delta R.T. -0.00 min

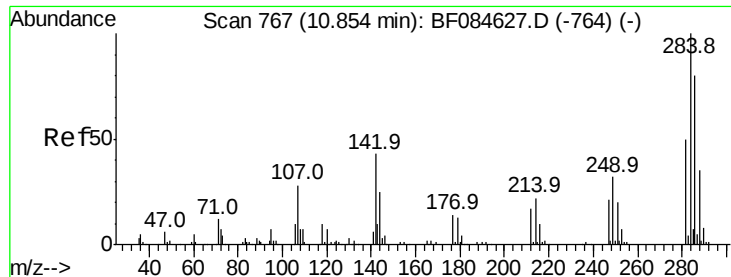
Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	248	Resp:	231469
Ion Ratio	Lower	Upper	
248	100		
250	99.7	78.4	117.6
141	77.0	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: 27.39 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

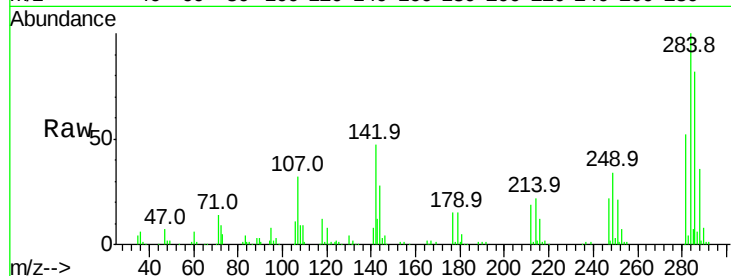
ClientSampleId :

SSTDCCC040EC

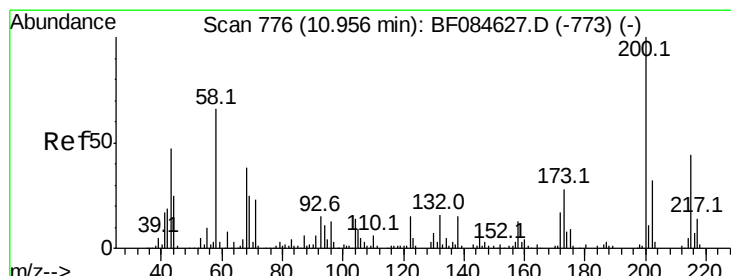
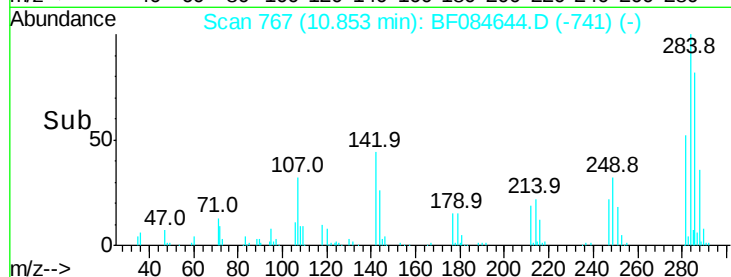
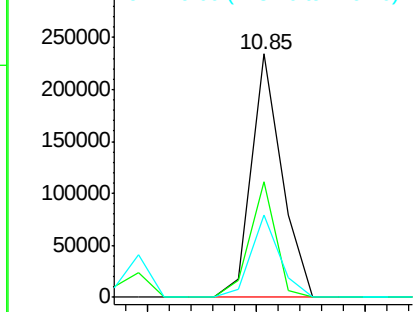
Tot Ion:	284	Resp:	226720
Ion Ratio	Lower	Upper	
284	100		
142	47.3	22.2	33.4#
249	33.8	24.6	37.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.68 ng

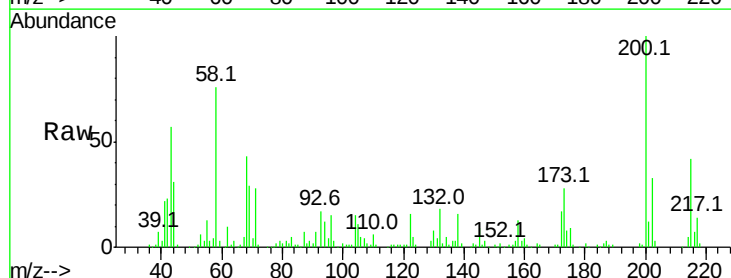
RT: 10.96 min Scan# 776

Delta R.T. -0.00 min

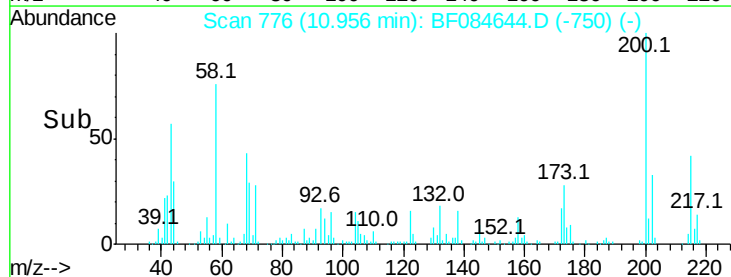
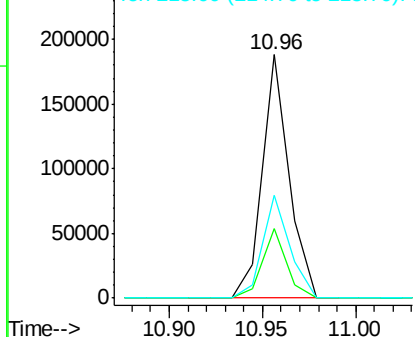
Lab File: BF084644.D

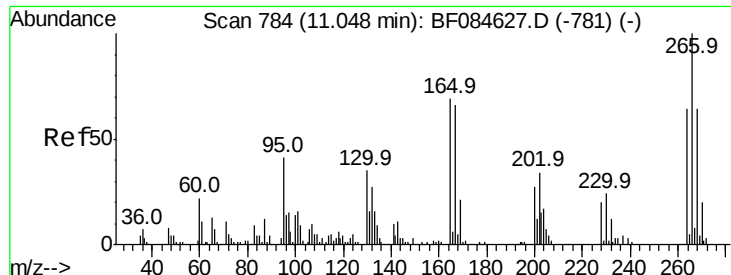
Acq: 29 Jan 2016 19:00

Tgt Ion:	200	Resp:	188242
Ion Ratio	Lower	Upper	
200	100		
173	28.3	9.5	49.5
215	42.1	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





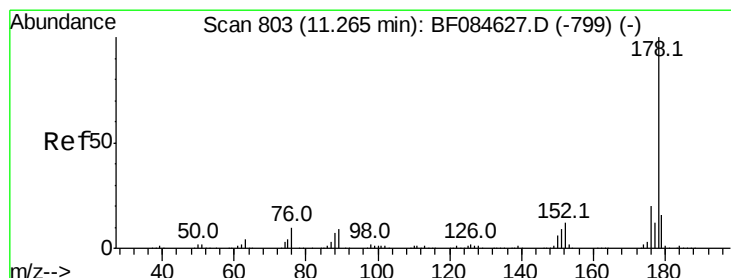
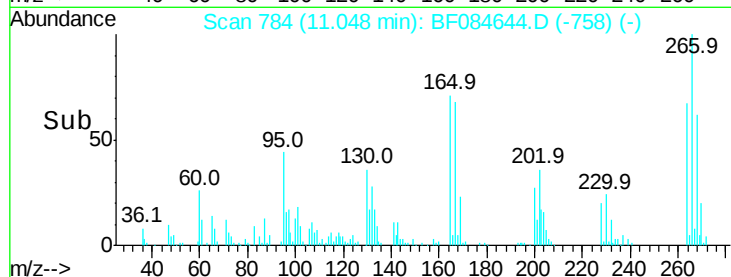
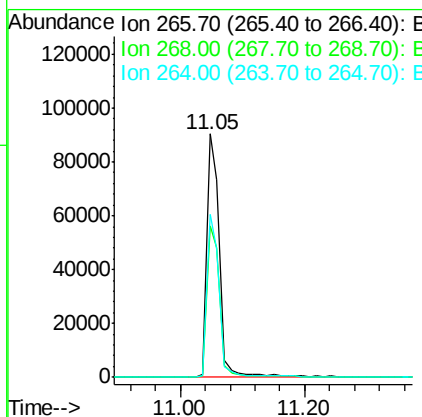
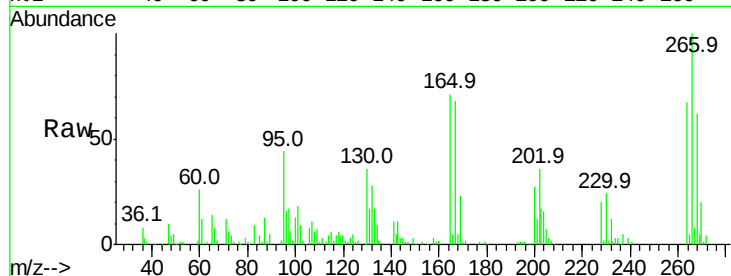
#69
 Pentachlorophenol
 Concen: 31.78 ng
 RT: 11.05 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127078		
268	62.5	52.4	78.6	
264	66.7	50.2	75.2	

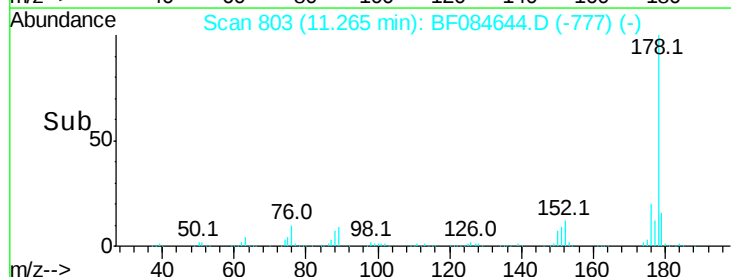
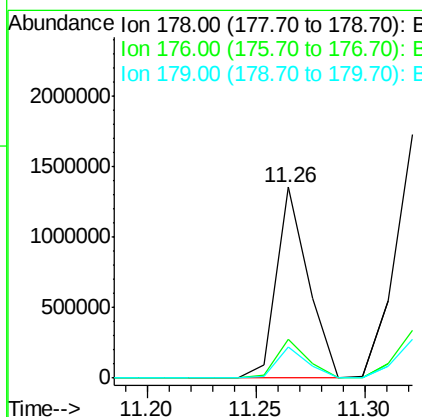
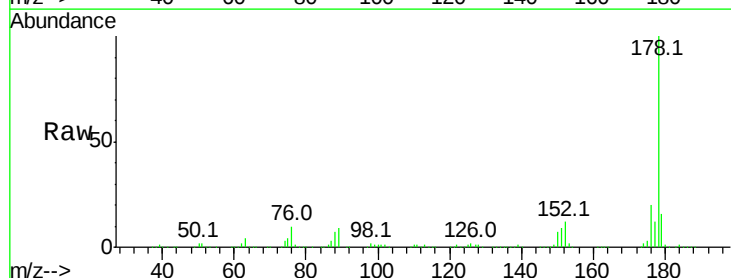
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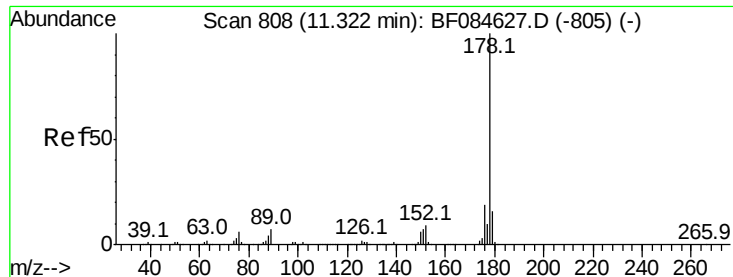
mohammad
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#70
 Phenanthrene
 Concen: 37.03 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1383536		
176	20.2	15.3	22.9	
179	16.5	12.0	18.0	





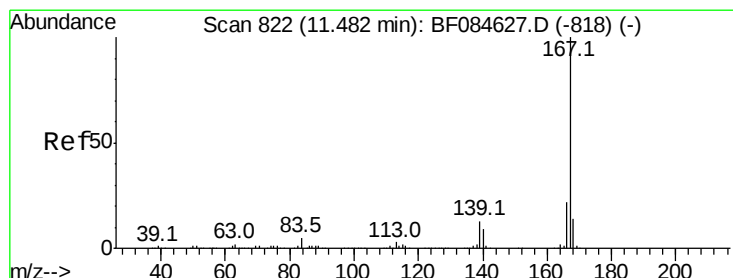
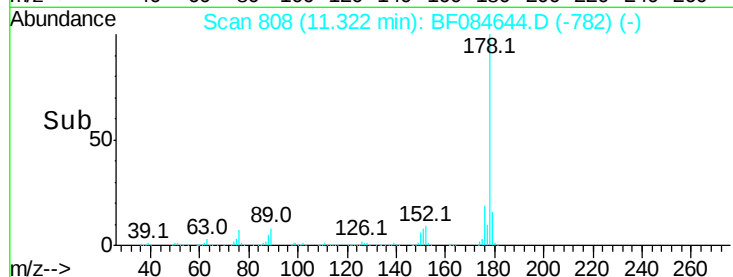
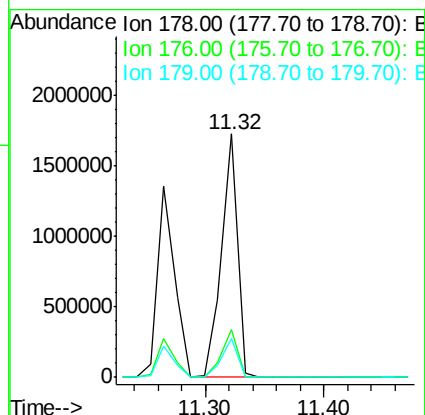
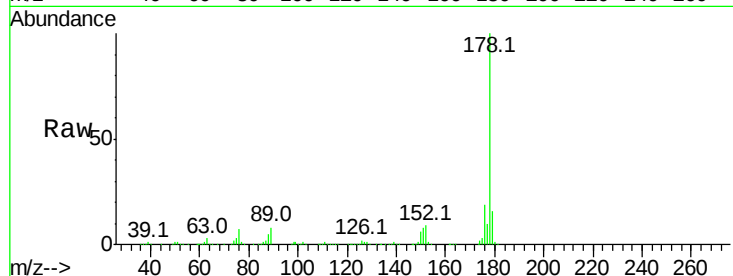
#71
 Anthracene
 Concen: 42.23 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.1	12.5	18.7

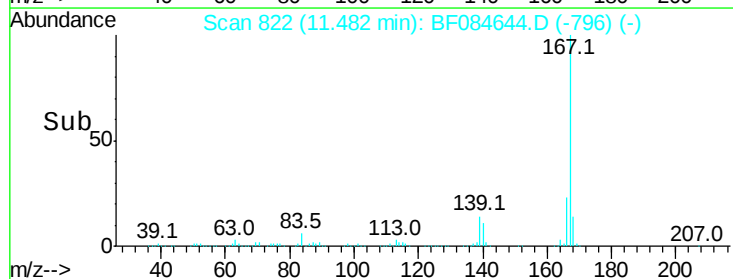
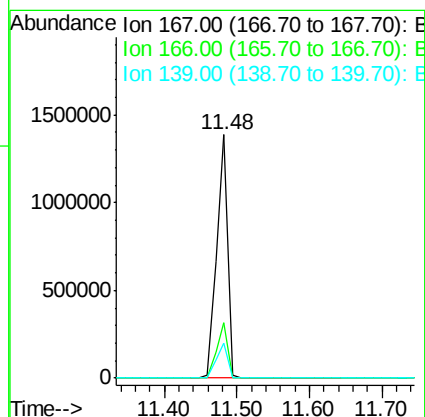
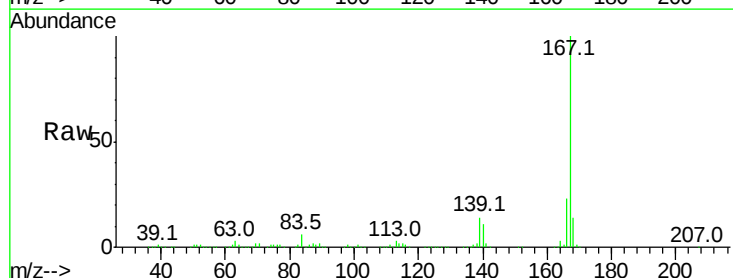
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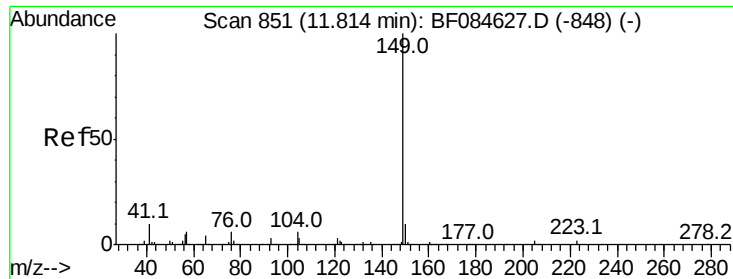
mohammad
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#72
 Carbazole
 Concen: 43.92 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	14.2	11.8	17.8





#73

Di-n-butylphthalate

Concen: 37.91 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1509512

Ion Ratio Lower Upper

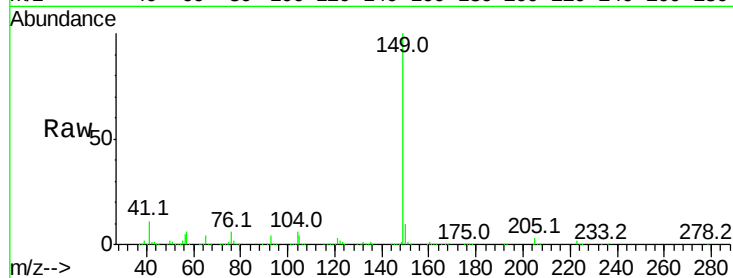
149 100

150 9.7 7.1 10.7

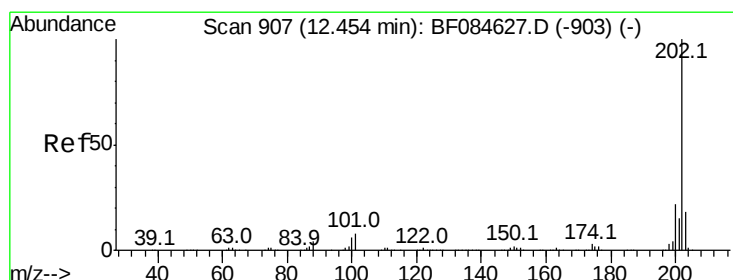
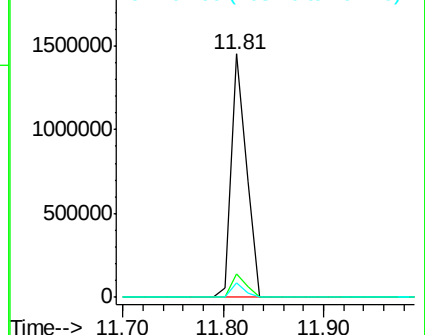
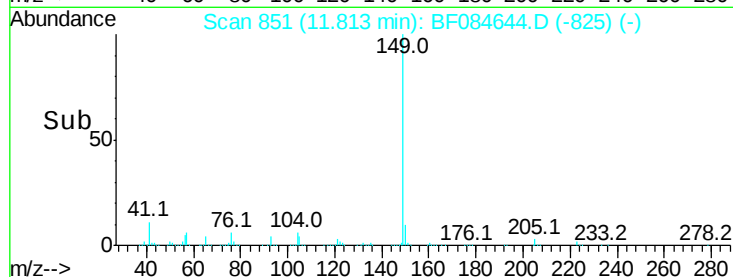
104 6.0 3.2 4.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.05 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

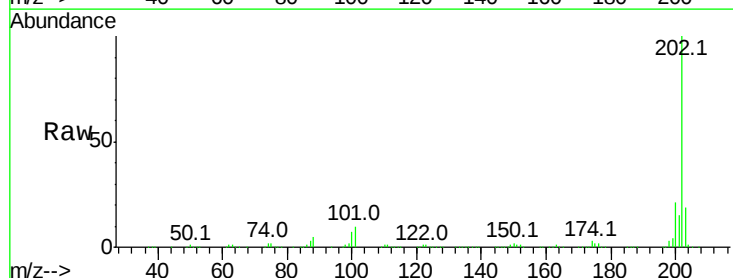
Tgt Ion:202 Resp: 1627088

Ion Ratio Lower Upper

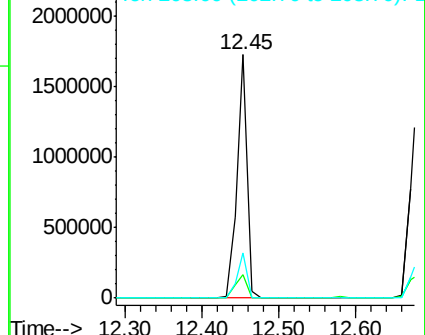
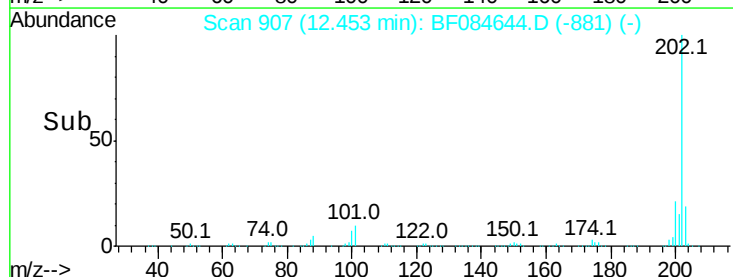
202 100

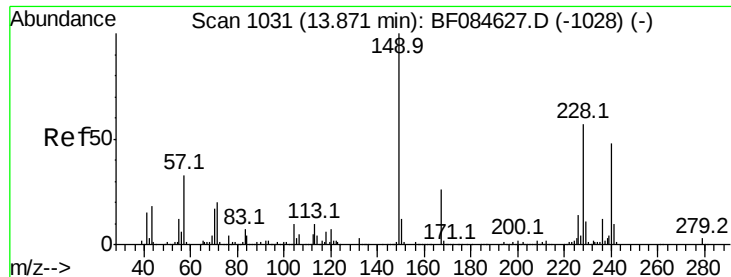
101 9.9 0.0 32.8

203 18.7 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:240 Resp: 585716

Ion Ratio Lower Upper

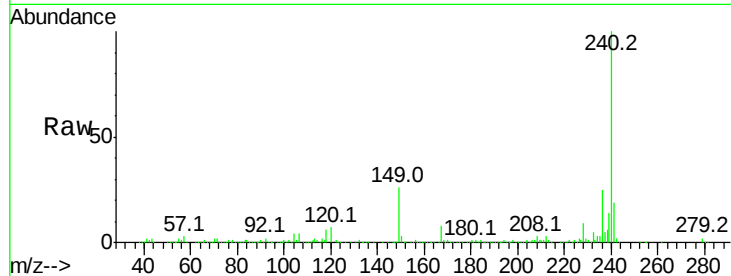
240 100

120 6.7 9.5 14.3#

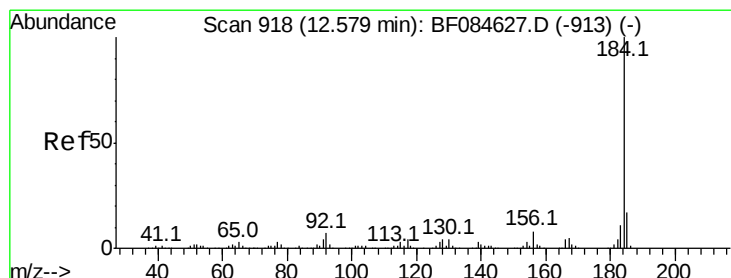
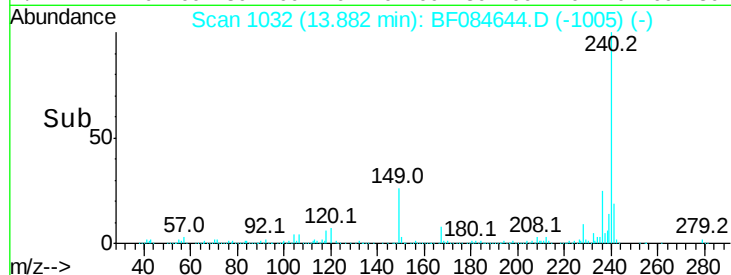
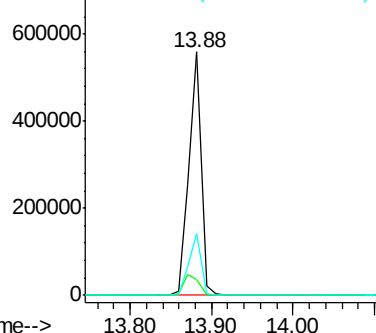
236 25.4 20.6 31.0

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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



#76

Benzidine

Concen: 38.37 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

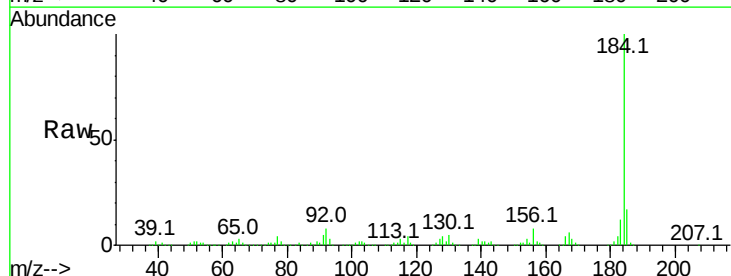
Tgt Ion:184 Resp: 854794

Ion Ratio Lower Upper

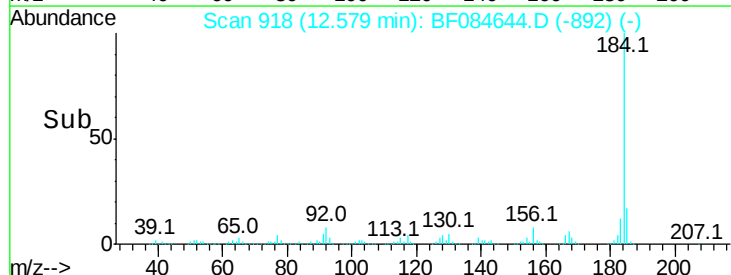
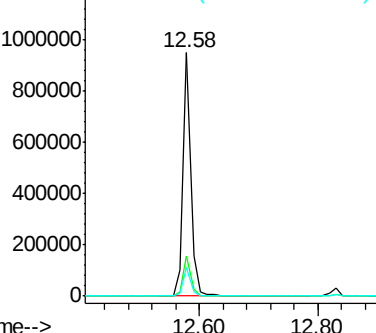
184 100

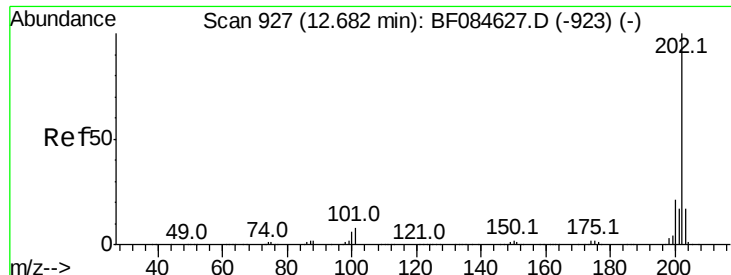
185 16.5 12.2 18.2

183 11.6 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





#77

Pvrene

Concen: 38.44 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:202 Resp: 1698337

Ion Ratio Lower Upper

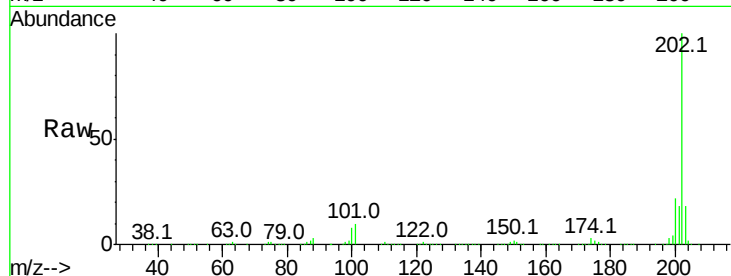
202 100

200 22.2 17.2 25.8

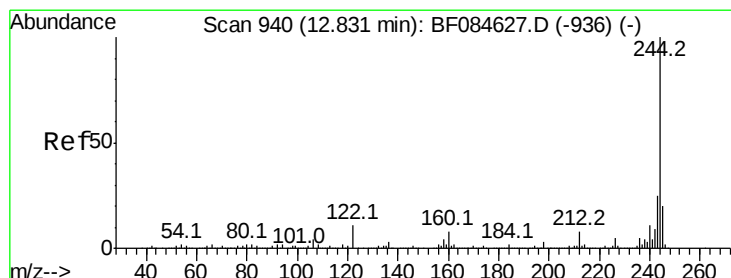
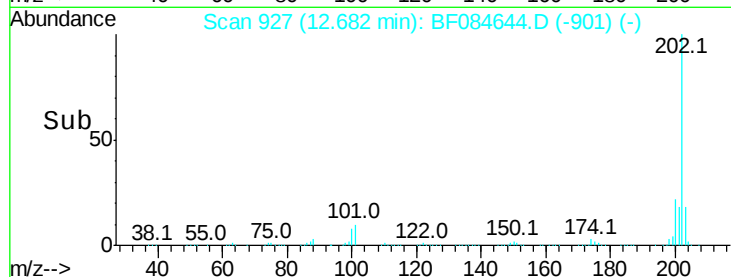
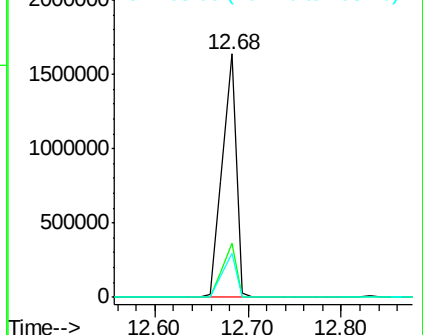
203 18.3 14.3 21.5

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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: 67.93 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

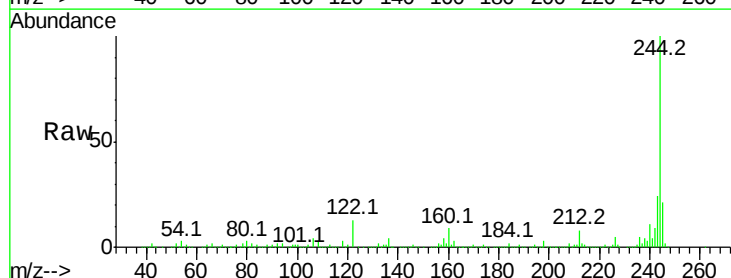
Tgt Ion:244 Resp: 1761797

Ion Ratio Lower Upper

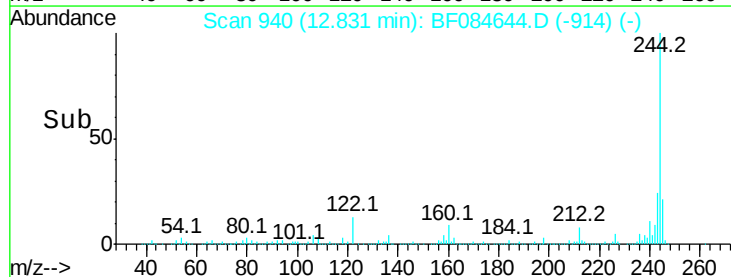
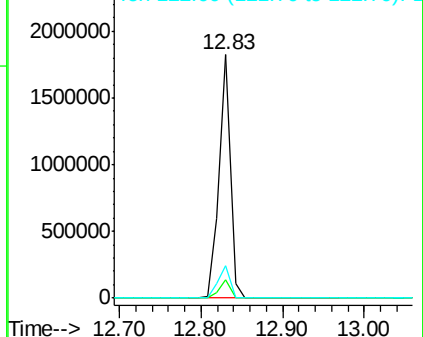
244 100

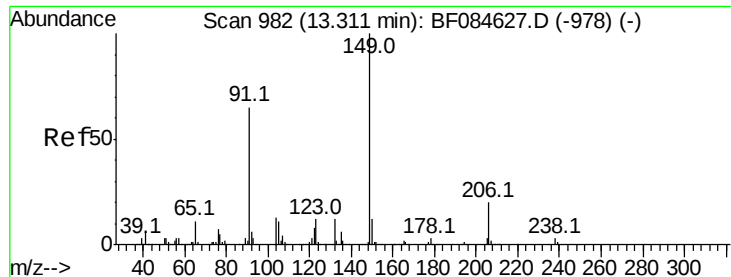
212 7.7 5.7 8.5

122 13.1 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





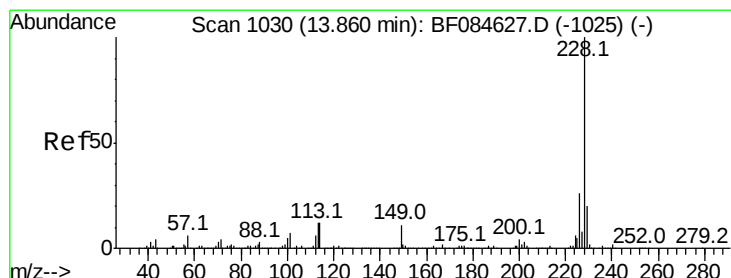
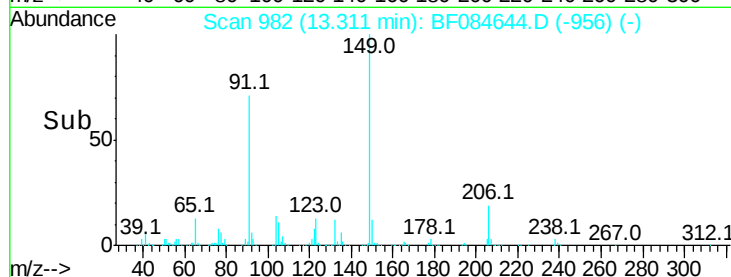
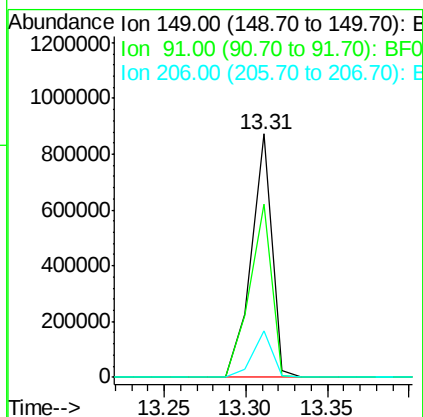
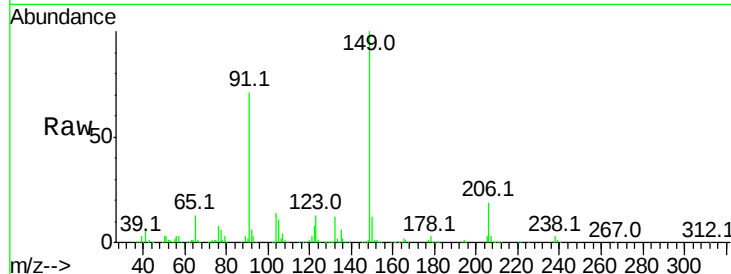
#79
Butylbenzylphthalate
Concen: 40.80 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	769913		
91	71.0		57.6	86.4
206	19.2		13.2	19.8

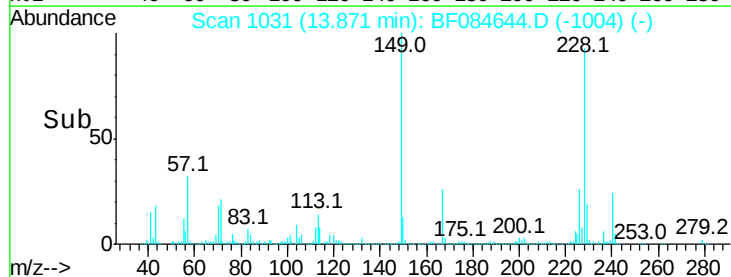
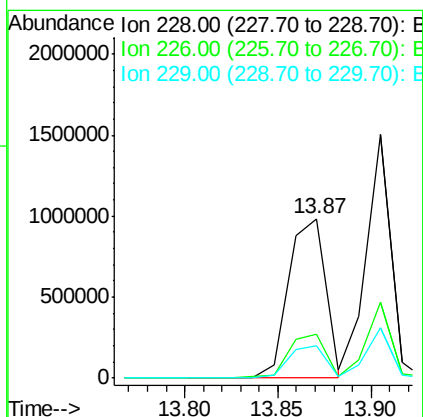
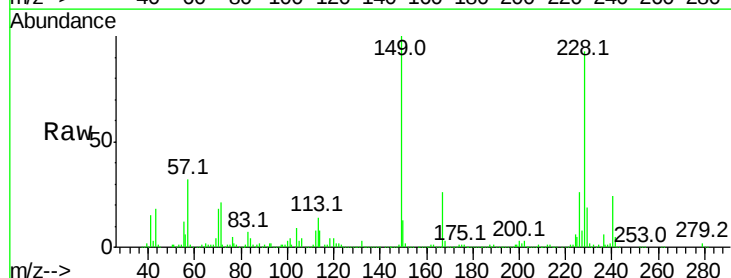
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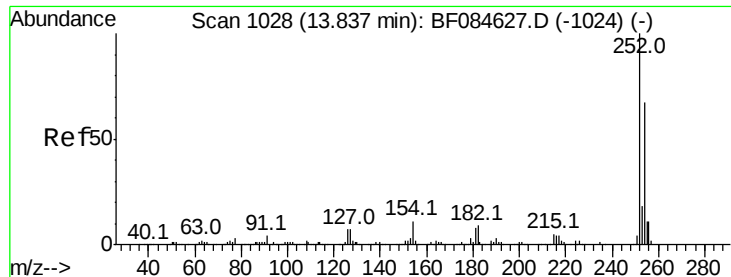
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#80
Benzo(a)anthracene
Concen: 37.51 ng
RT: 13.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1369371		
226	27.8		21.8	32.6
229	20.2		15.8	23.8





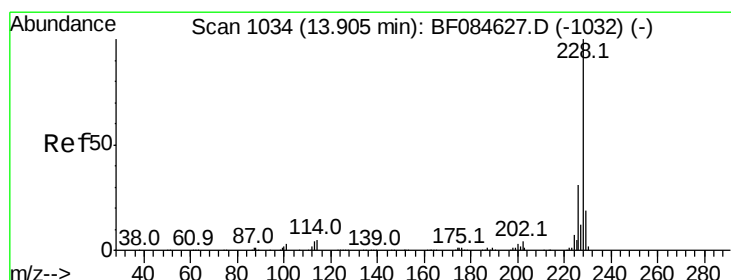
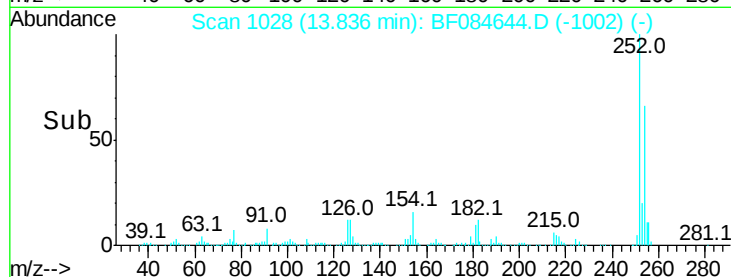
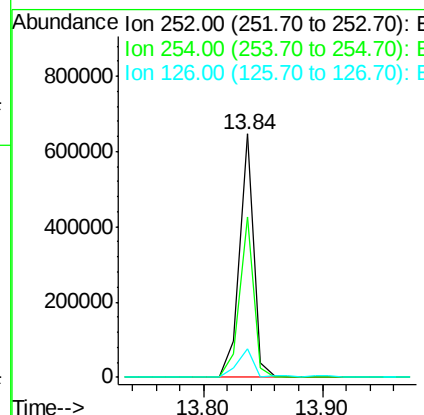
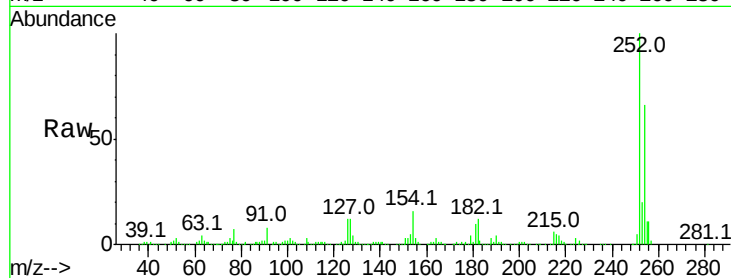
#81
 3,3'-Dichlorobenzidine
 Concen: 42.28 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	53.5	80.3
126	11.7	4.9	7.3

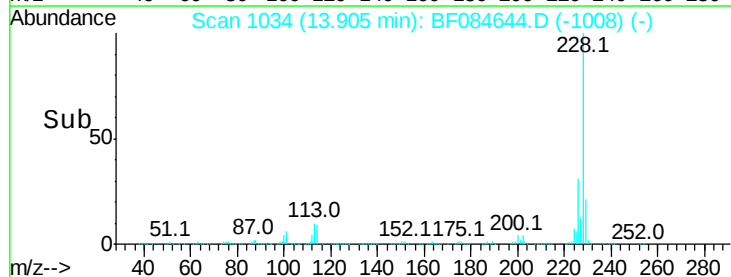
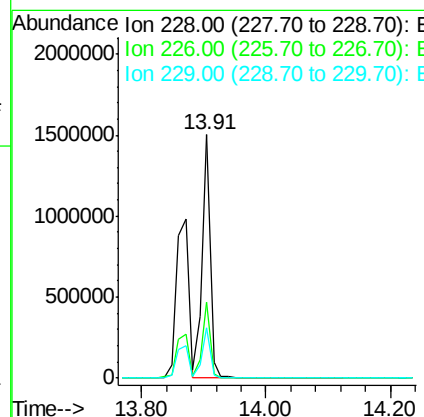
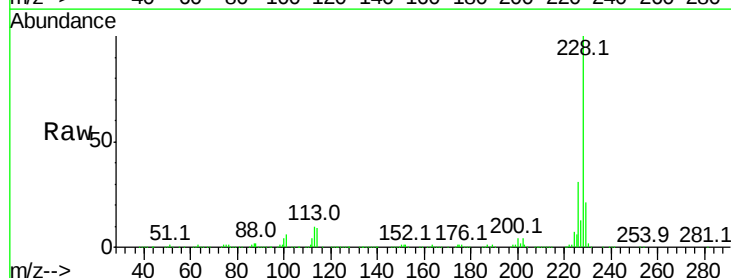
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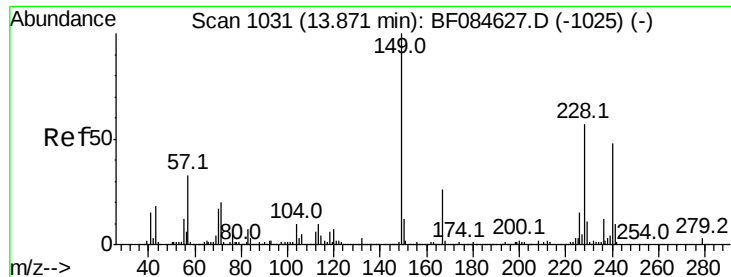
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#82
 Chrysene
 Concen: 38.45 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	20.8	16.1	24.1





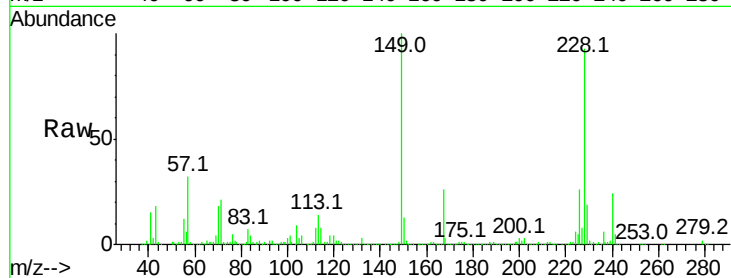
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.37 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

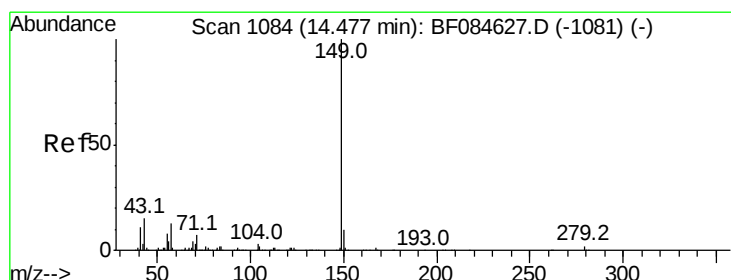
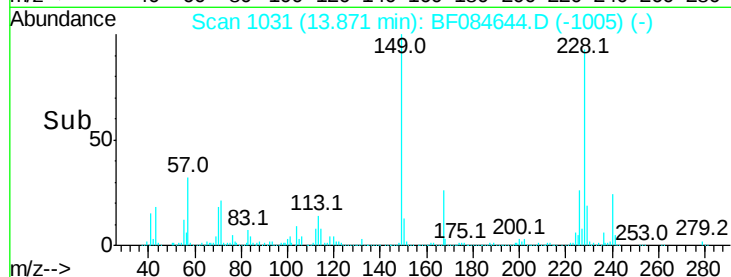
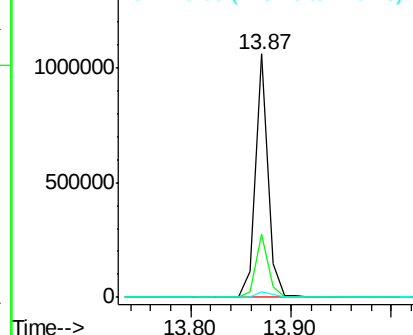
Tot Ion	Ratio	Resp	Lower	Upper
149	100	914955		
167	26.1	19.7	29.5	
279	2.5	1.8	2.6	

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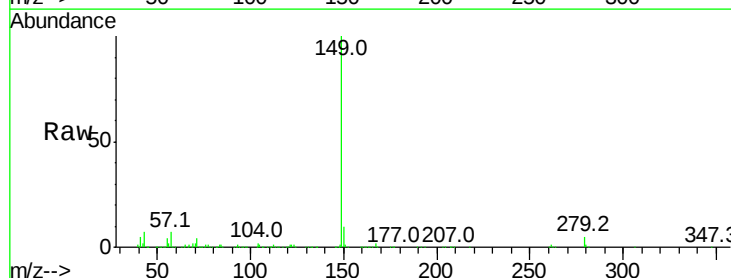


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

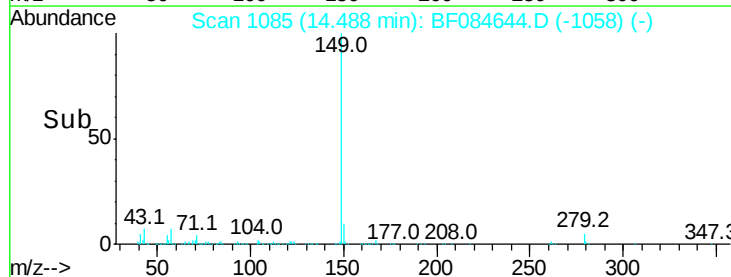
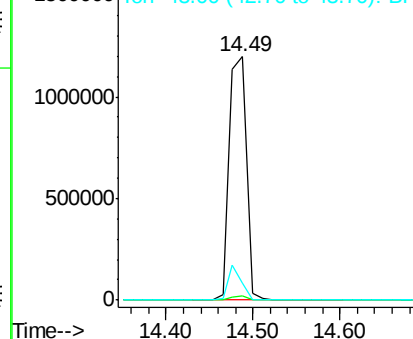


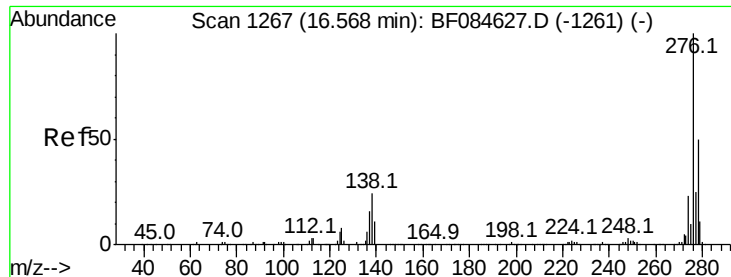
#84
 Di-n-octyl phthalate
 Concen: 42.89 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1659005		
167	1.5	1.2	1.8	
43	11.2	5.6	8.4	



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





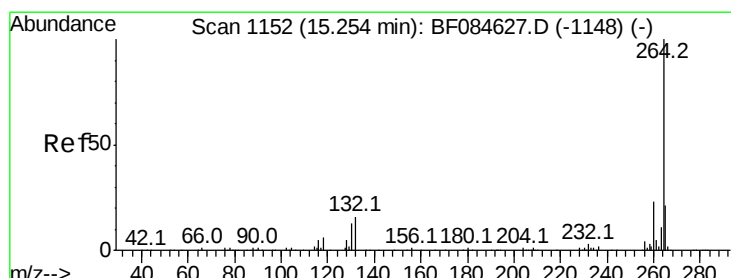
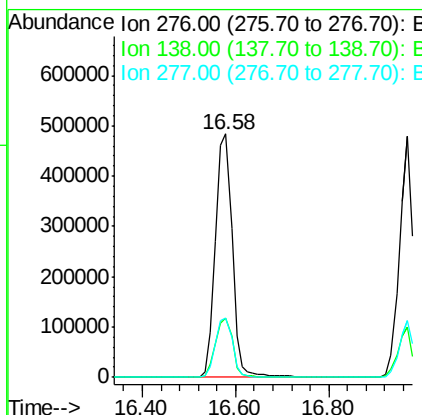
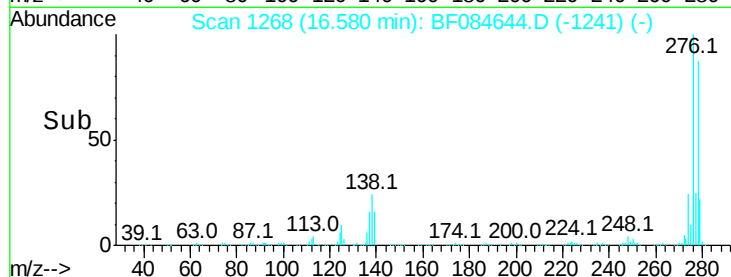
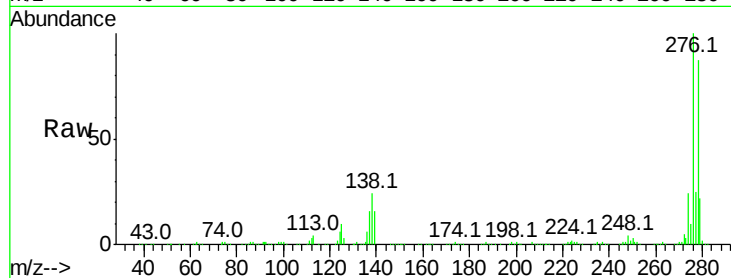
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.29 ng
RT: 16.58 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	24.8	20.1	30.1

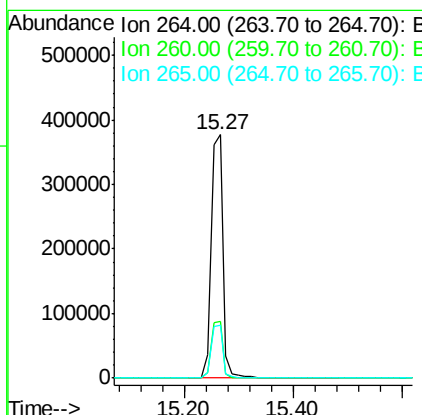
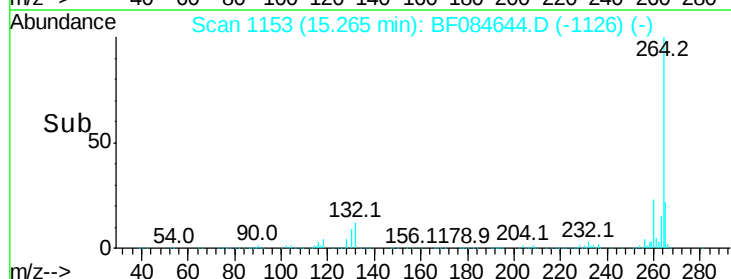
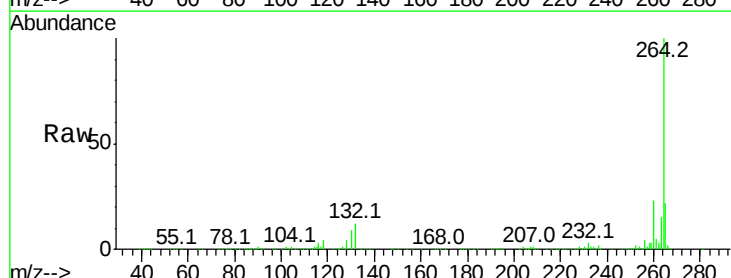
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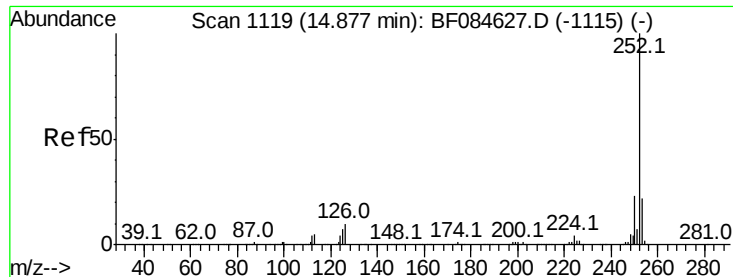
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.7	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 36.70 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Instrument :

BNA_F

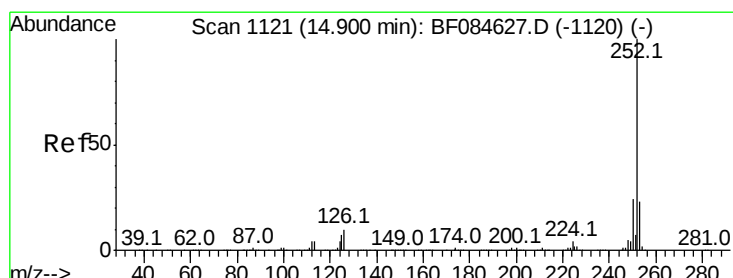
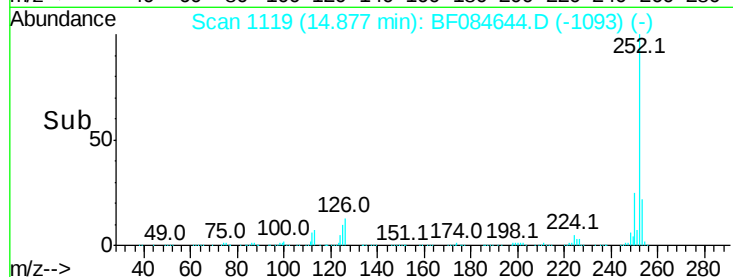
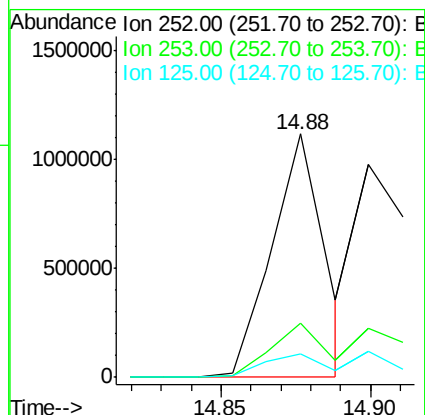
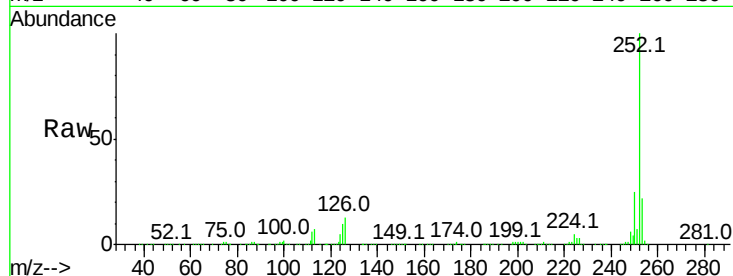
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	1357187
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.8	6.5	9.7#

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#88

Benzo(k)fluoranthene

Concen: 40.44 ng m

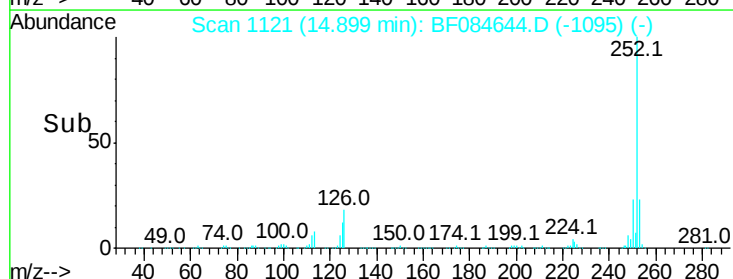
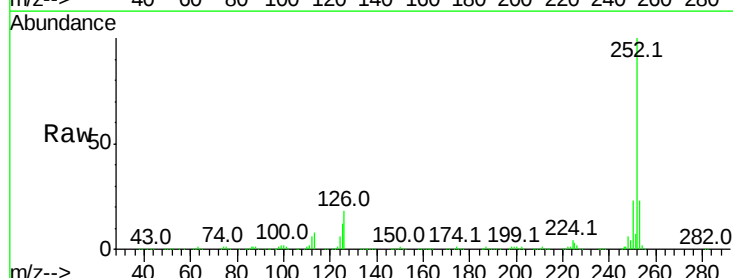
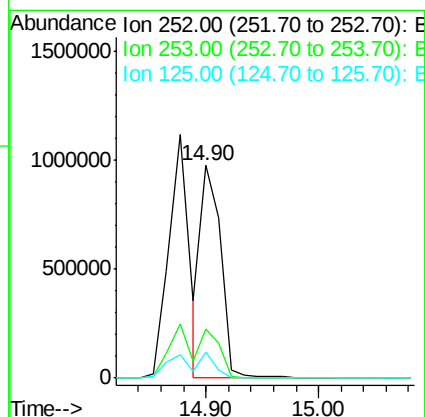
RT: 14.90 min Scan# 1121

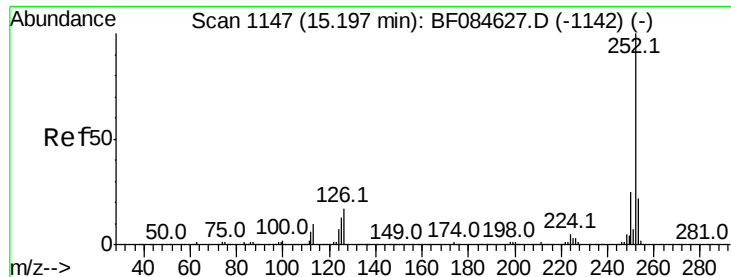
Delta R.T. -0.00 min

Lab File: BF084644.D

Acq: 29 Jan 2016 19:00

Tgt Ion:	252	Resp:	1235266
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	12.3	9.0	13.6





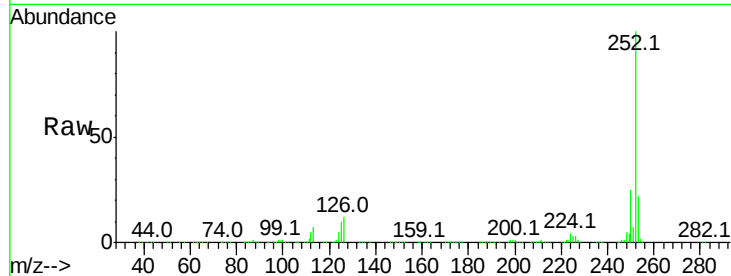
#89
Benzo(a)pyrene
Concen: 39.30 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

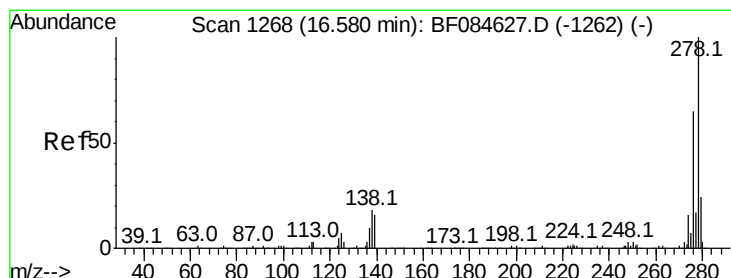
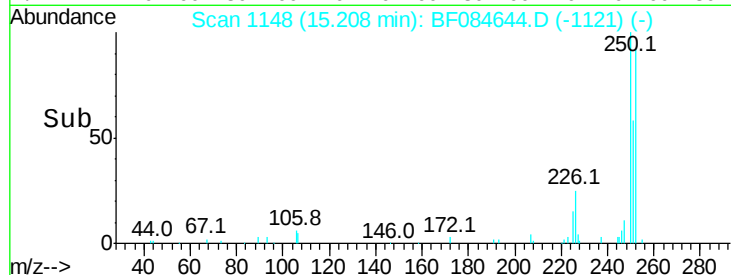
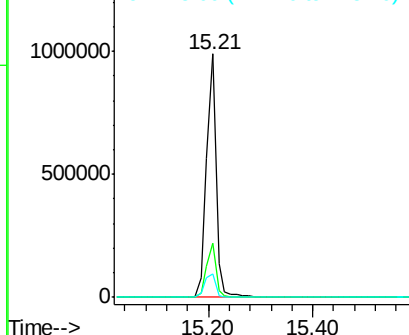
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.5	7.0	10.4

Manual Integrations
APPROVED

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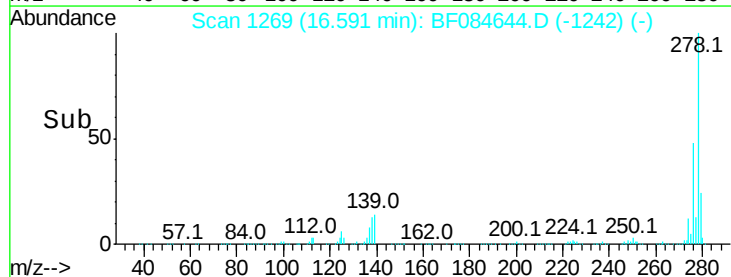
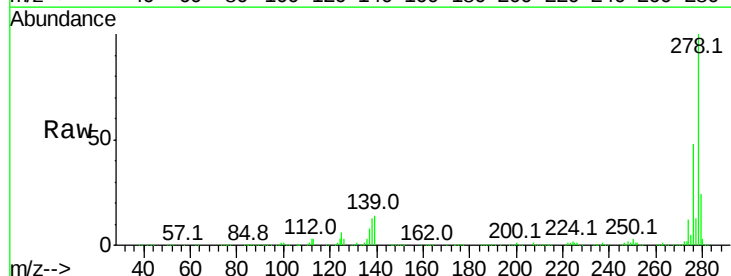
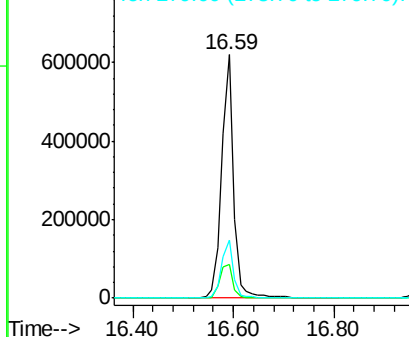
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

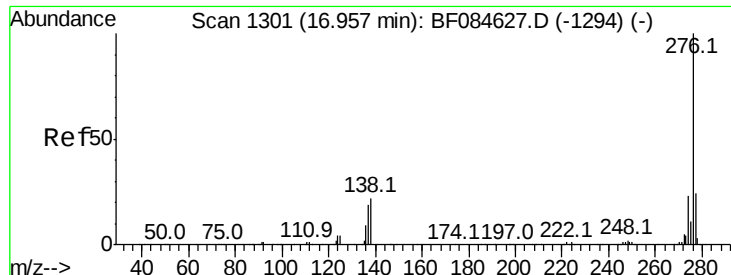


#90
Dibenzo(a,h)anthracene
Concen: 35.59 ng
RT: 16.59 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF084644.D
Acq: 29 Jan 2016 19:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.0	22.4#
279	23.7	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 33.89 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF084644.D
 Acq: 29 Jan 2016 19:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	21.2	17.8	26.6

Manual Integrations
 APPROVED

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