

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
 Data File : BF086838.D
 Acq On : 9 May 2016 23:31
 Operator : UM/SJ
 Sample : H2895-04
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:03 AM

Quant Time: May 10 03:37:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	187856	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	788550	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	387906	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	709107	20.00	ng	0.00
75) Chrysene-d12	13.84	240	517959	20.00	ng	0.00
86) Perylene-d12	15.21	264	411277	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	916830	82.65	ng	0.00
7) Phenol-d6	6.35	99	1129460	76.19	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1202384	76.56	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	325461	79.25	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1612891	69.88	ng	0.00
78) Terphenyl-d14	12.79	244	1806489	74.00	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	199488	36.63	ng	# 71
3) Pyridine	2.85	79	568932	42.73	ng	# 60
4) n-Nitrosodimethylamine	2.82	42	370344	38.36	ng	# 52
6) Aniline	6.36	93	694409	38.73	ng	# 66
8) 2-Chlorophenol	6.49	128	502396	37.53	ng	97
9) Benzaldehyde	6.24	77	309454	36.05	ng	93
10) Phenol	6.37	94	617346	35.03	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	561891	40.90	ng	93
12) 1,3-Dichlorobenzene	6.62	146	543802	37.54	ng	# 89
13) 1,4-Dichlorobenzene	6.70	146	539480	36.52	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	508873	39.53	ng	98
15) Benzyl Alcohol	6.85	79	397774	38.86	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1061168	35.52	ng	66
17) 2-Methylphenol	6.98	107	415263	38.99	ng	# 82
18) Hexachloroethane	7.20	117	210808	37.93	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	420760	40.61	ng	# 77
20) 3+4-Methylphenols	7.14	107	544748	39.16	ng	# 57
22) Acetophenone	7.12	105	711377	38.19	ng	98
24) Nitrobenzene	7.29	77	626410	38.78	ng	98
25) Isophorone	7.53	82	1086085	37.27	ng	99
26) 2-Nitrophenol	7.61	139	280903	39.56	ng	95
27) 2,4-Dimethylphenol	7.65	122	422080	34.89	ng	89
28) bis(2-Chloroethoxy)methane	7.74	93	637475	40.56	ng	98
29) 2,4-Dichlorophenol	7.85	162	400286	37.60	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	460007	38.64	ng	99
31) Naphthalene	8.01	128	1466124	37.12	ng	100
32) Benzoic acid	7.81	122	301857	42.49	ng	# 81
33) 4-Chloroaniline	8.06	127	600161	39.11	ng	# 94
34) Hexachlorobutadiene	8.12	225	263093	38.09	ng	98
35) Caprolactam	8.45	113	133899	36.96	ng	# 50
36) 4-Chloro-3-methylphenol	8.57	107	469614	36.37	ng	93
37) 2-Methylnaphthalene	8.69	142	928911	40.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	408604	36.23	ng	100
40) Hexachlorocyclopentadiene	8.84	237	183567	34.29	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	274461	36.39	nq	95
43) 2,4,5-Trichlorophenol	9.02	196	293840	37.67	nq #	87
45) 1,1'-Biphenyl	9.16	154	1229249	39.84	nq	98
46) 2-Chloronaphthalene	9.18	162	952245	39.39	nq	99
47) 2-Nitroaniline	9.29	65	337095	38.16	nq #	76
48) Acenaphthylene	9.60	152	1445702	40.66	nq	99
49) Dimethylphthalate	9.47	163	1083542	36.61	nq	100
50) 2,6-Dinitrotoluene	9.53	165	222572	35.74	nq #	69
51) Acenaphthene	9.77	154	902291	40.79	nq	99
52) 3-Nitroaniline	9.70	138	241793	36.88	nq #	76
53) 2,4-Dinitrophenol	9.81	184	105501	37.65	nq #	82
54) Dibenzofuran	9.94	168	1164154	41.00	nq	100
55) 4-Nitrophenol	9.88	139	167214	40.63	nq #	48
56) 2,4-Dinitrotoluene	9.94	165	289961	37.62	nq #	85
57) Fluorene	10.28	166	963939	39.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	229820	39.14	nq	98
59) Diethylphthalate	10.17	149	1134024	39.32	nq	96
60) 4-Chlorophenyl-phenylether	10.27	204	417695	38.16	nq	96
61) 4-Nitroaniline	10.32	138	263389	41.82	nq #	71
62) Azobenzene	10.43	77	1200604	38.59	nq	88
64) 4,6-Dinitro-2-methylphenol	10.34	198	162006	36.78	nq #	34
65) n-Nitrosodiphenylamine	10.40	169	840265	38.57	nq	100
66) 4-Bromophenyl-phenylether	10.76	248	291566	40.55	nq #	81
67) Hexachlorobenzene	10.82	284	301320	35.86	nq #	75
68) Atrazine	10.93	200	276702	38.02	nq	95
69) Pentachlorophenol	11.02	266	165778	42.69	nq	98
70) Phenanthrene	11.23	178	1280376	33.83	nq	100
71) Anthracene	11.29	178	1533326	39.62	nq	100
72) Carbazole	11.45	167	1295204	38.93	nq	98
73) Di-n-butylphthalate	11.78	149	1616789	39.79	nq #	99
74) Fluoranthene	12.41	202	1441438	37.03	nq	99
76) Benzidine	12.54	184	529218	40.08	nq	98
77) Pyrene	12.64	202	1360549	34.31	nq	100
79) Butylbenzylphthalate	13.27	149	632766	37.73	nq #	74
80) Benzo(a)anthracene	13.83	228	1078765	37.10	nq	98
81) 3,3'-Dichlorobenzidine	13.80	252	745037	40.33	nq #	95
82) Chrysene	13.86	228	951529	32.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	778646	38.59	nq	98
84) Di-n-octyl phthalate	14.43	149	1295655	38.77	nq #	83
85) Indeno(1,2,3-cd)pyrene	16.50	276	927317	37.68	nq	95
87) Benzo(b)fluoranthene	14.83	252	1011243m	37.83	nq	
88) Benzo(k)fluoranthene	14.85	252	804045m	36.74	nq	
89) Benzo(a)pyrene	15.15	252	843130	36.57	nq	97
90) Dibenzo(a,h)anthracene	16.51	278	759626	39.09	nq	96
91) Benzo(g,h,i)perylene	16.89	276	778871	39.45	nq #	93

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

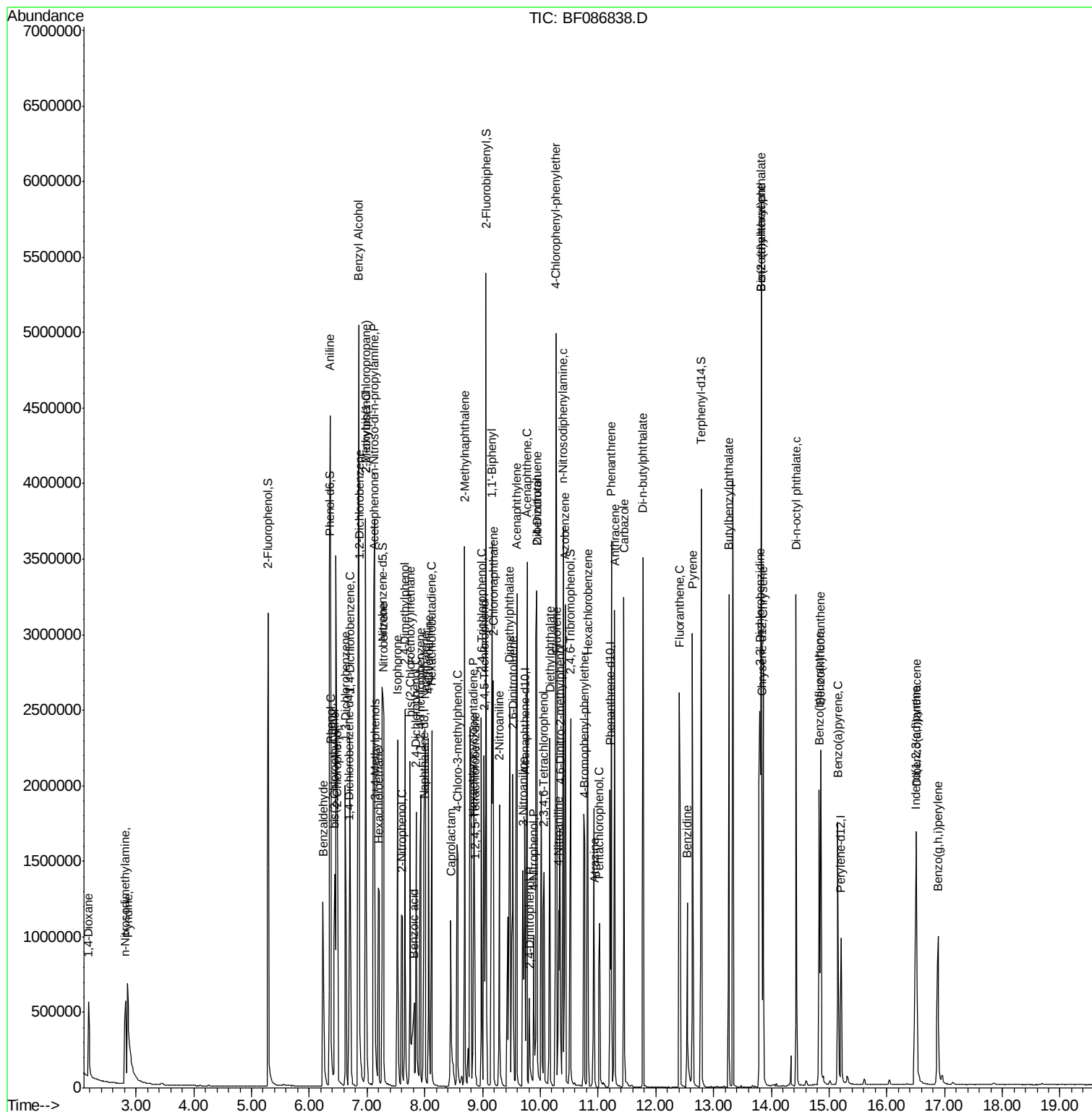
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ALS Vial  : 2 Sample Multiplier: 1
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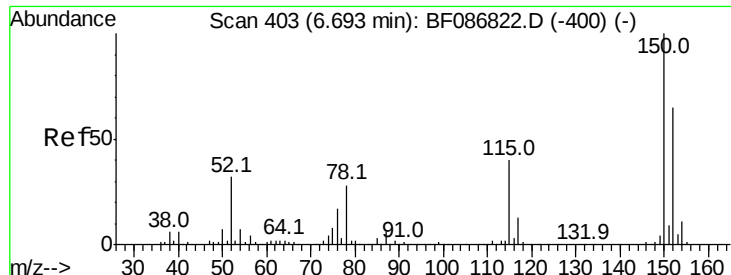
Instrument :
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TP4-6-7FT

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

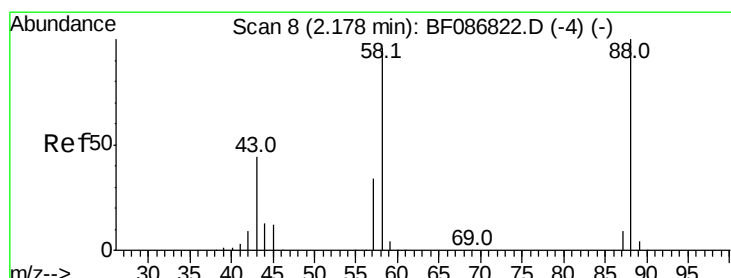
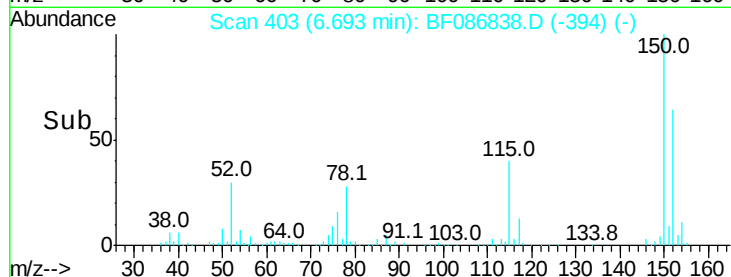
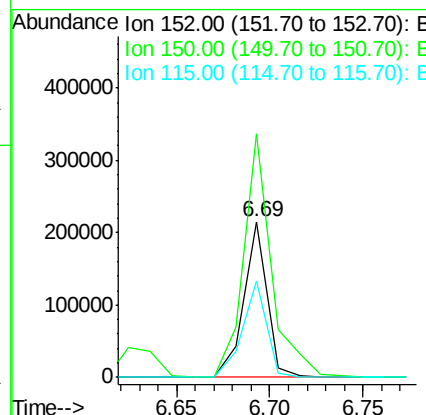
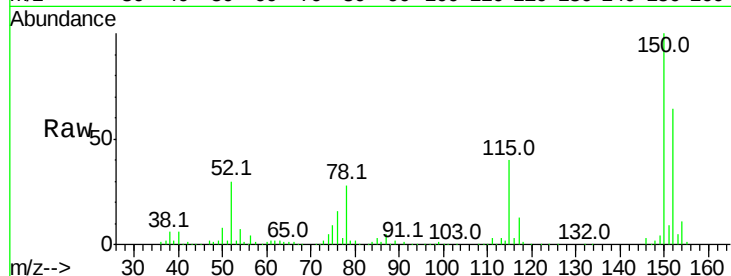
ClientSampleId :

TP4-6-7FT

Tot Ion:	152	Resp:	187856
Ion Ratio	Lower	Upper	
152	100		
150	156.5	125.8	188.6
115	62.4	51.5	77.3

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#2

1,4-Dioxane

Concen: 36.63 ng

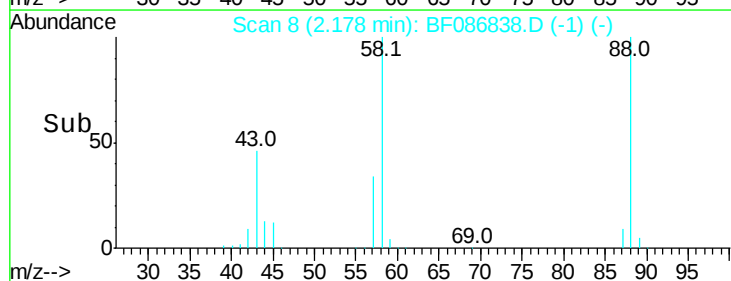
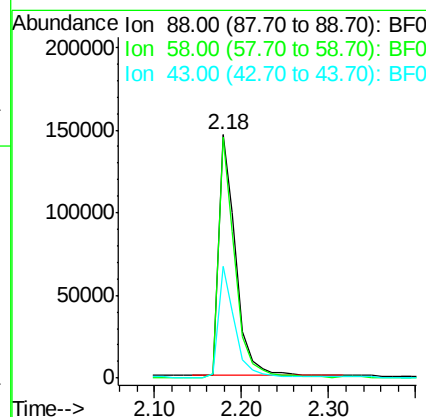
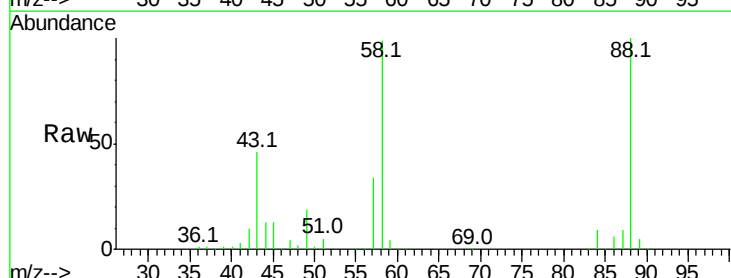
RT: 2.18 min Scan# 8

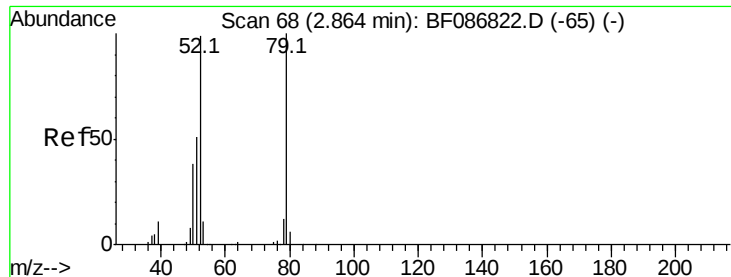
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	88	Resp:	199488
Ion Ratio	Lower	Upper	
88	100		
58	98.1	59.6	89.4#
43	44.6	21.8	32.6#





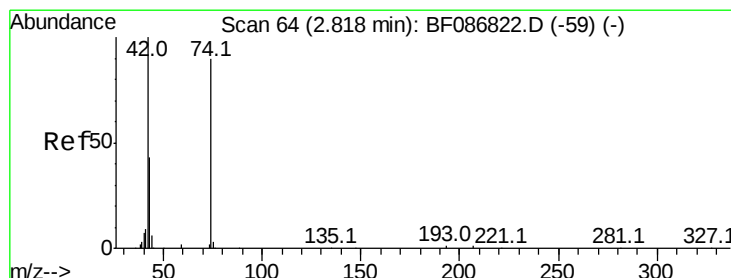
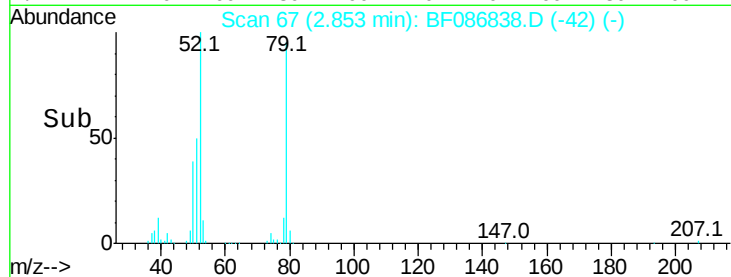
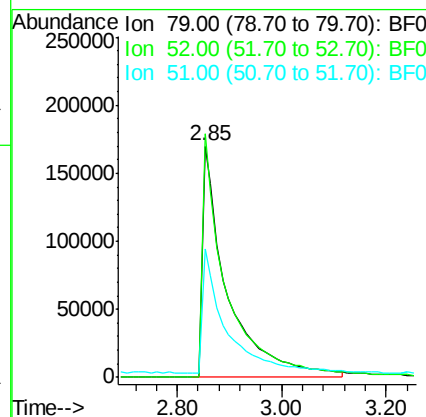
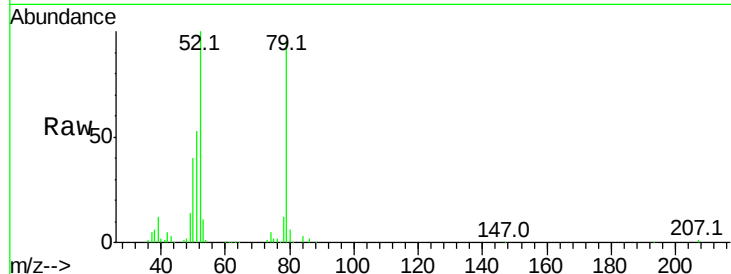
#3
Pvridine
Concen: 42.73 ng
RT: 2.85 min Scan# 67
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	105.2	55.9	83.9#		
51	55.4	28.1	42.1#		

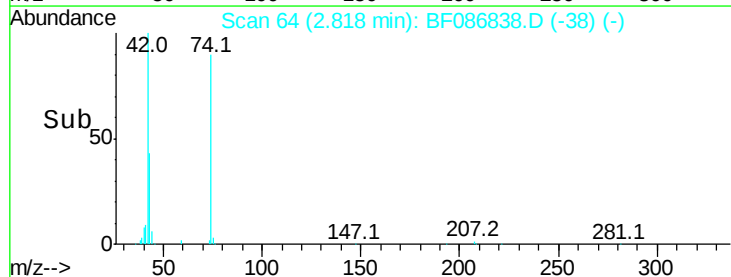
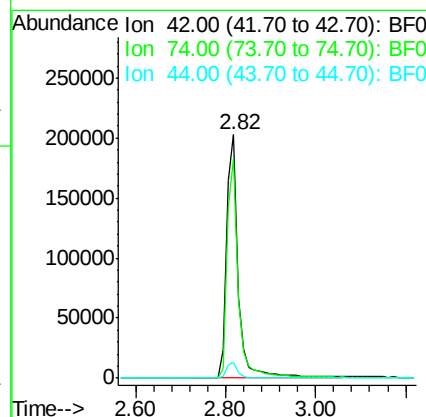
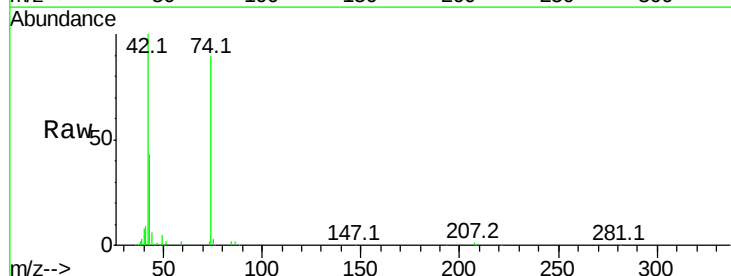
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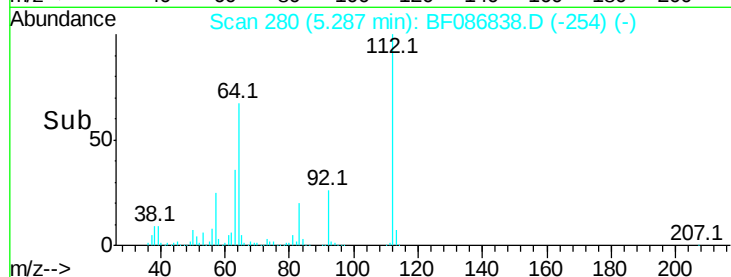
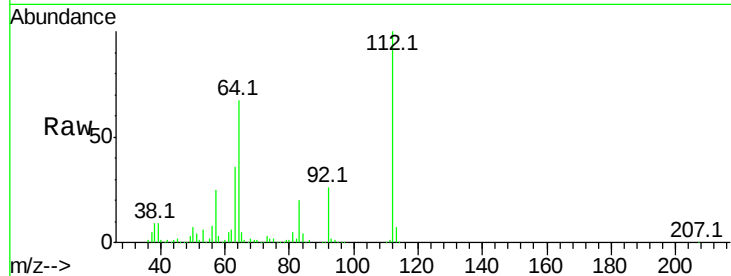
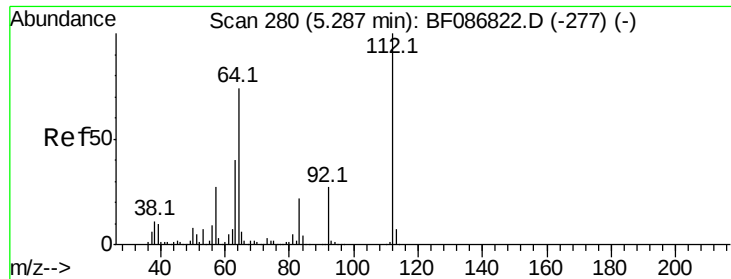
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#4
n-Nitrosodimethylamine
Concen: 38.36 ng
RT: 2.82 min Scan# 64
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	89.9	123.4	185.0#		
44	6.5	5.8	8.6		





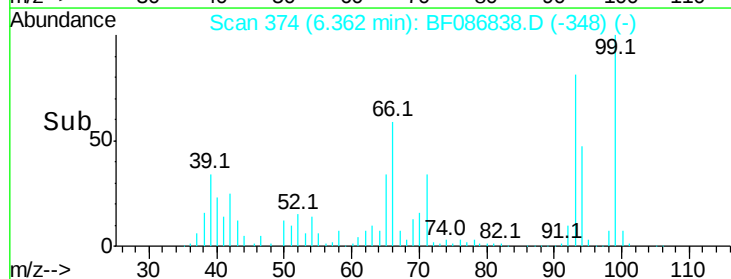
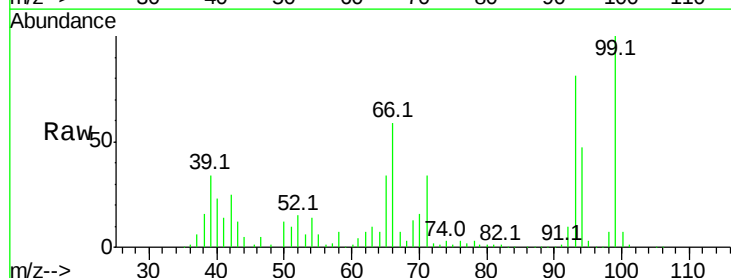
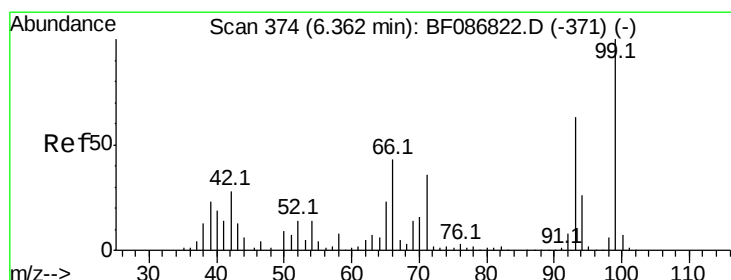
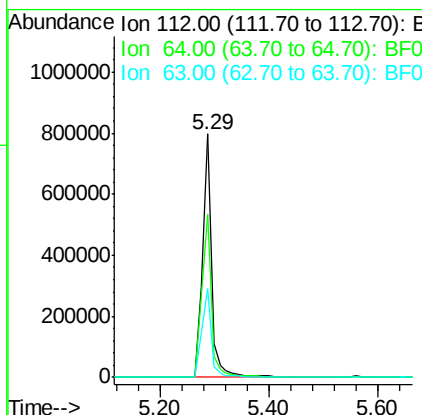
#5
2-Fluorophenol
Concen: 82.65 ng
RT: 5.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tot Ion	Ratio	Resp	Lower	Upper
112	100	916830		
64	67.1	52.1	78.1	
63	36.2	25.7	38.5	

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

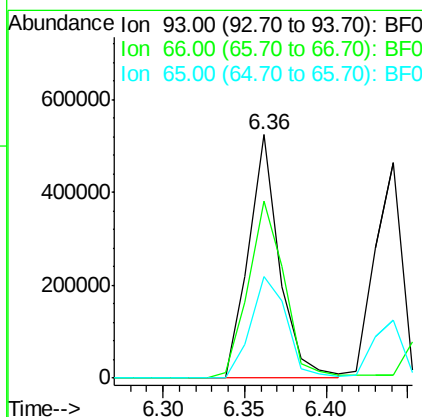
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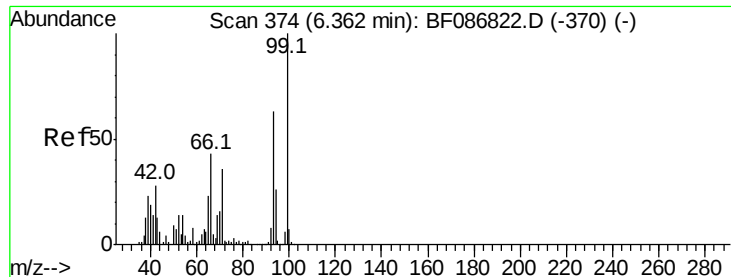
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#6
Aniline
Concen: 38.73 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	694409		
66	72.6	39.0	58.6#	
65	41.8	20.6	31.0#	





#7

Phenol-d6

Concen: 76.19 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

Tot Ion: 99 Resp: 1129460

Ion Ratio Lower Upper

99 100

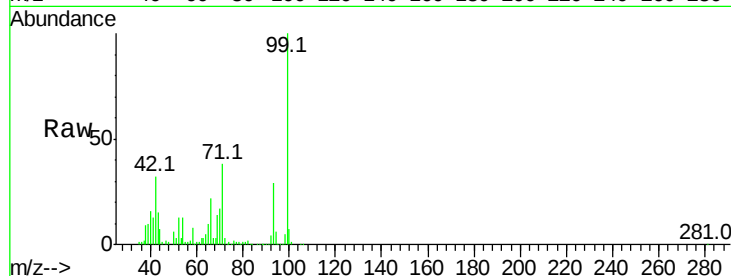
42 31.6 13.6 20.4#

71 38.4 24.6 36.8#

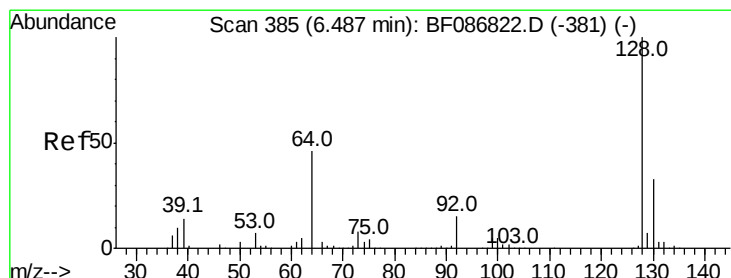
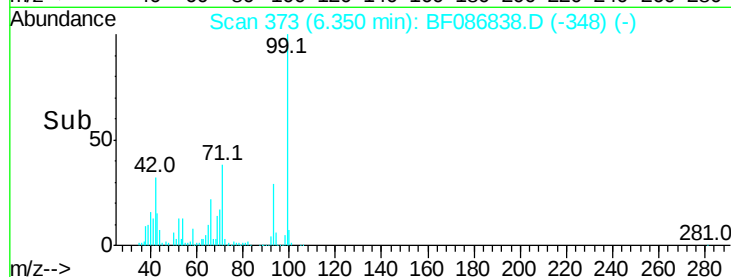
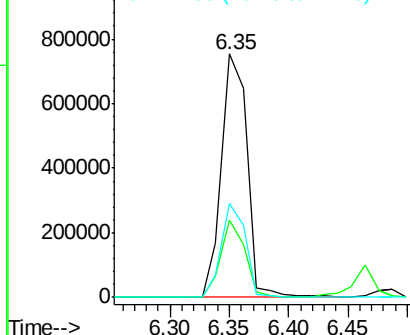
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.53 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

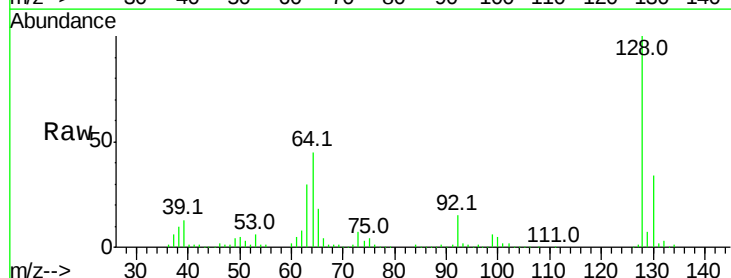
Tgt Ion: 128 Resp: 502396

Ion Ratio Lower Upper

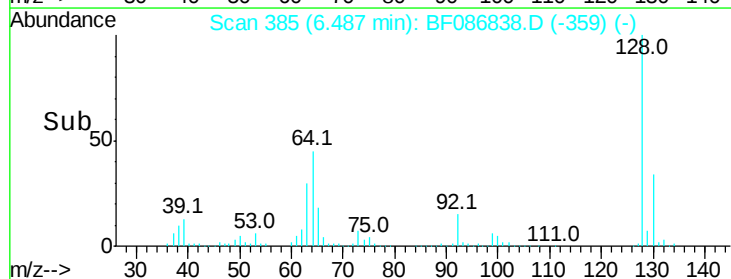
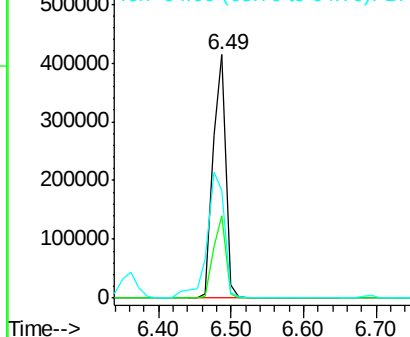
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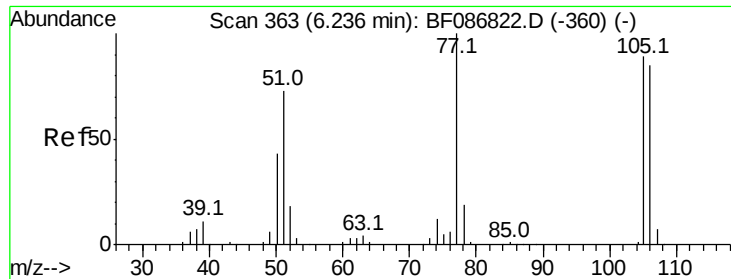
130 33.8 12.5 52.5

64 44.6 27.3 67.3



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





#9

Benzaldehyde

Concen: 36.05 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

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Acq: 9 May 2016 23:31

Instrument :

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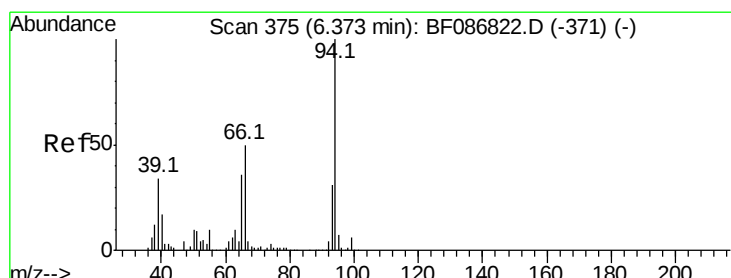
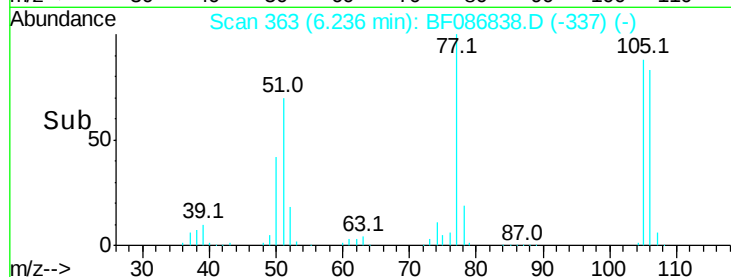
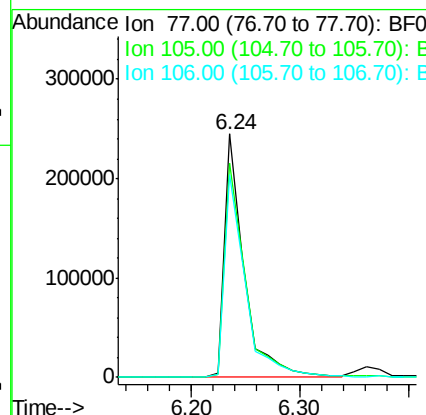
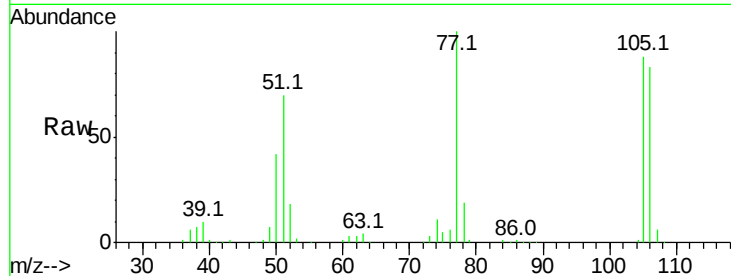
ClientSampleId :

TP4-6-7FT

Tot Ion:	77	Resp:	309454
Ion	Ratio	Lower	Upper
77	100		
105	87.9	72.7	112.7
106	83.1	70.8	110.8

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#10

Phenol

Concen: 35.03 ng

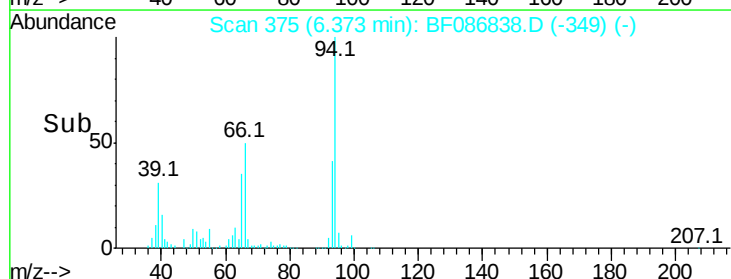
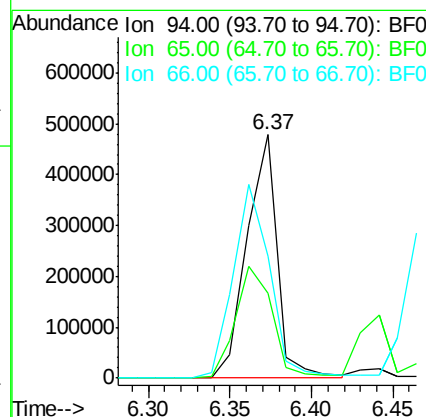
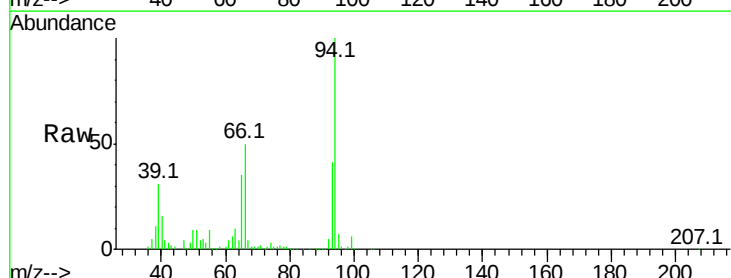
RT: 6.37 min Scan# 375

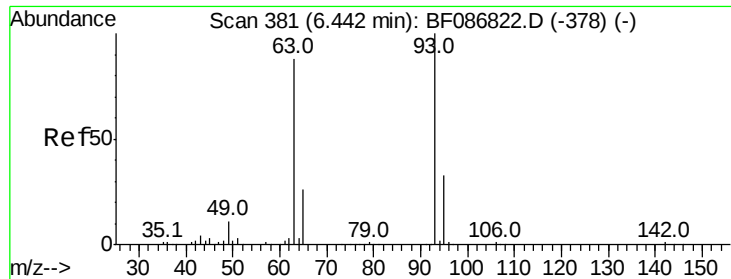
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	94	Resp:	617346
Ion	Ratio	Lower	Upper
94	100		
65	34.7	7.2	47.2
66	50.4	14.9	54.9





#11

bis(2-Chloroethyl)ether

Concen: 40.90 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

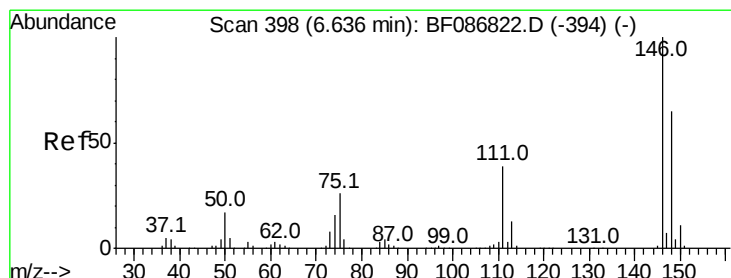
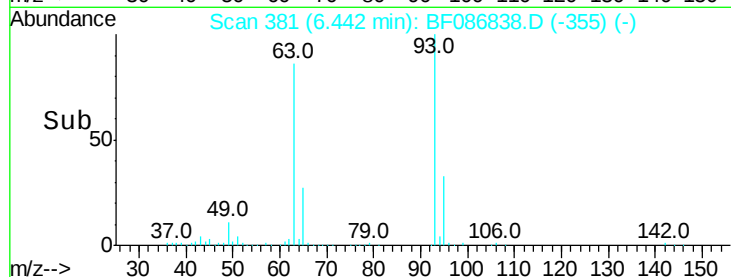
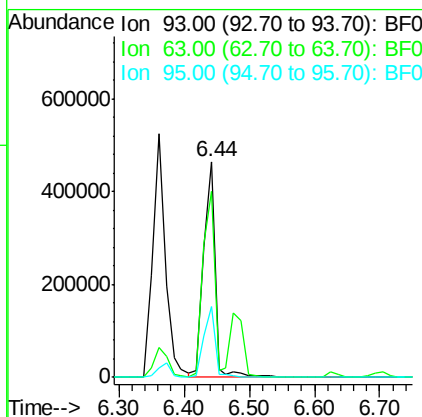
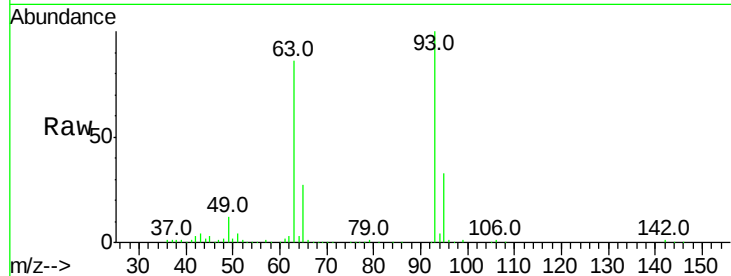
ClientSampleId :

TP4-6-7FT

Tot Ion:	93	Resp:	561891
Ion Ratio	Lower	Upper	
93	100		
63	86.0	58.0	98.0
95	32.6	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 37.54 ng

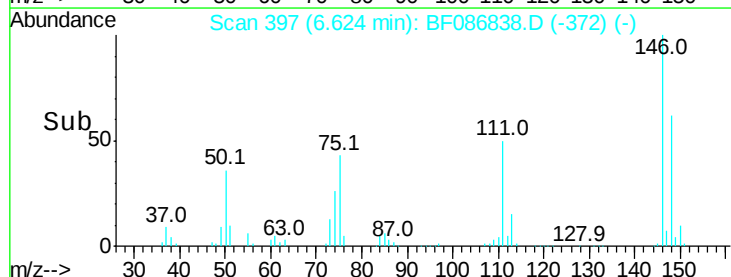
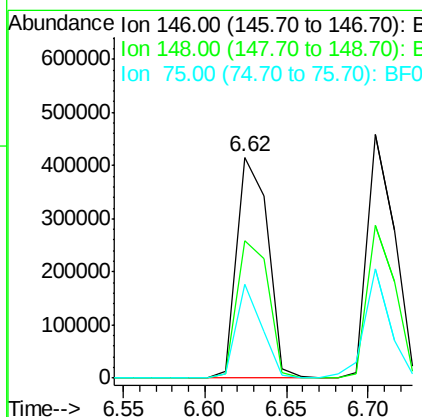
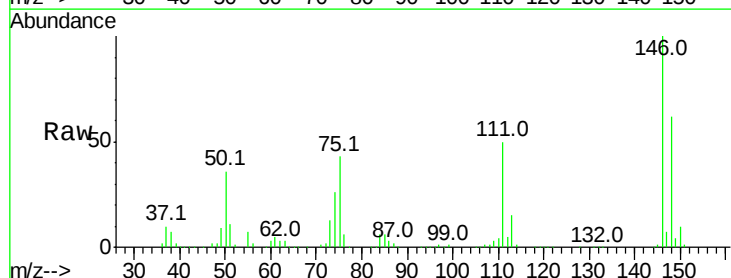
RT: 6.62 min Scan# 397

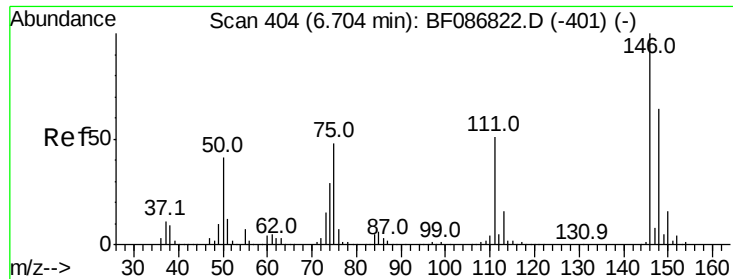
Delta R.T. -0.01 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	146	Resp:	543802
Ion Ratio	Lower	Upper	
146	100		
148	62.3	52.4	78.6
75	42.5	22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 36.52 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

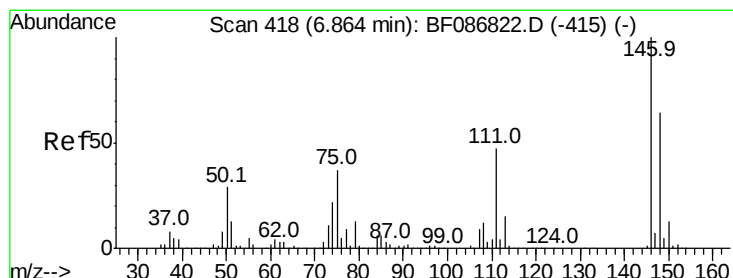
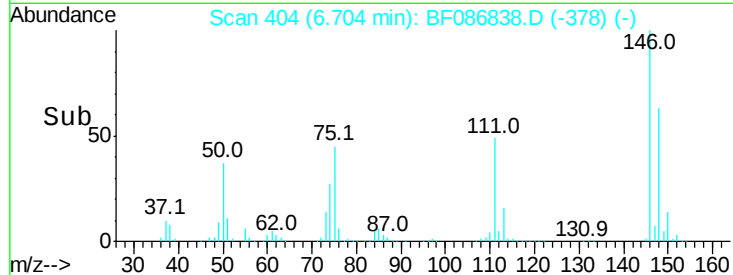
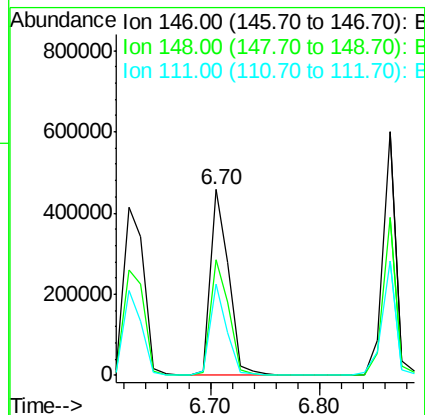
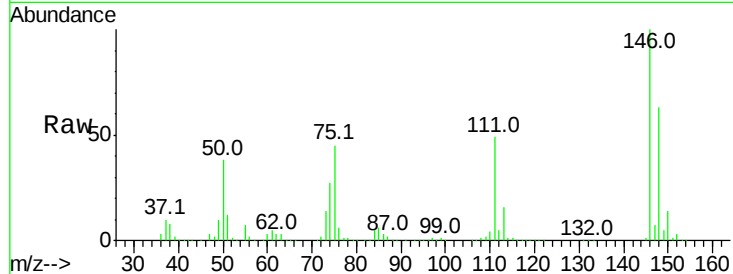
ClientSampleId :

TP4-6-7FT

Tot Ion:	146	Resp:	539480
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.4
111	49.0	30.7	46.1#

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#14

1,2-Dichlorobenzene

Concen: 39.53 ng

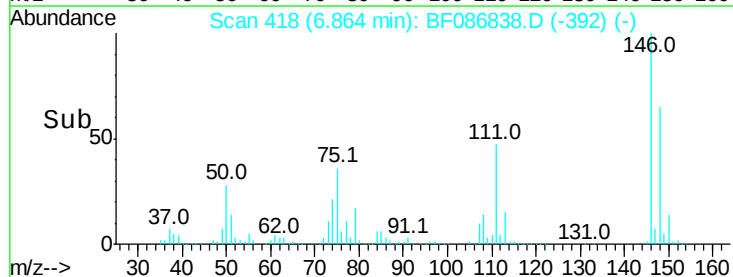
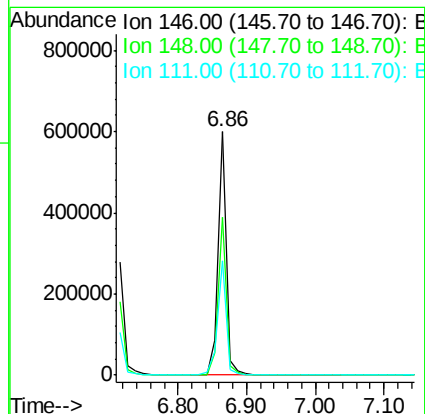
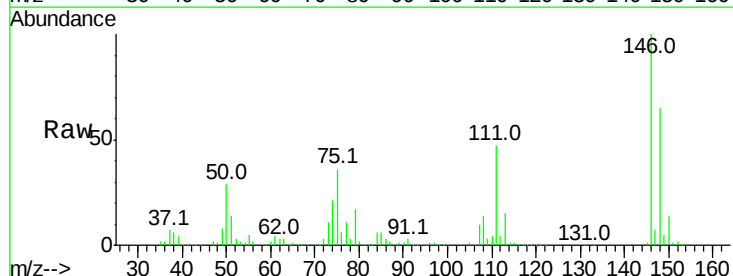
RT: 6.86 min Scan# 418

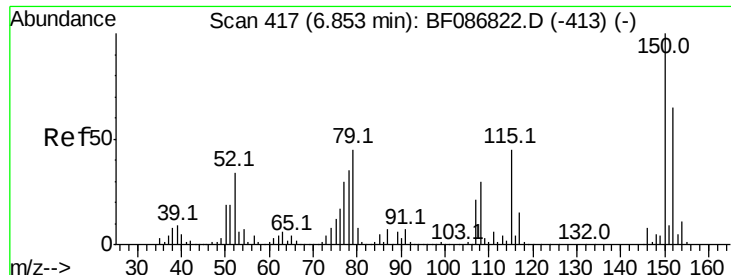
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	146	Resp:	508873
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.0	76.6
111	47.0	36.2	54.4





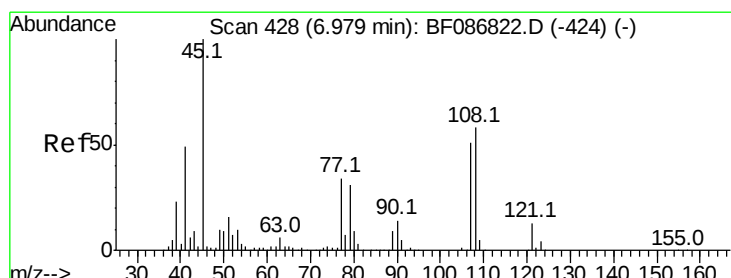
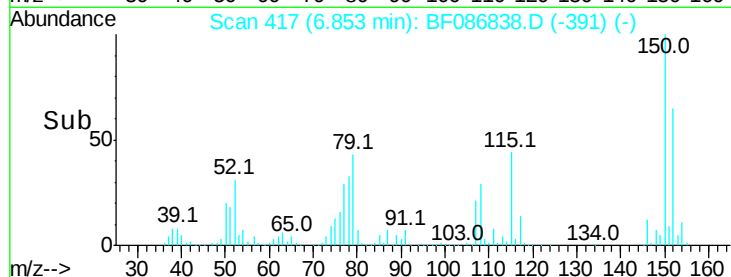
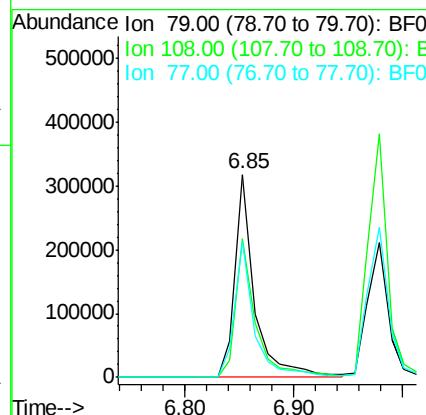
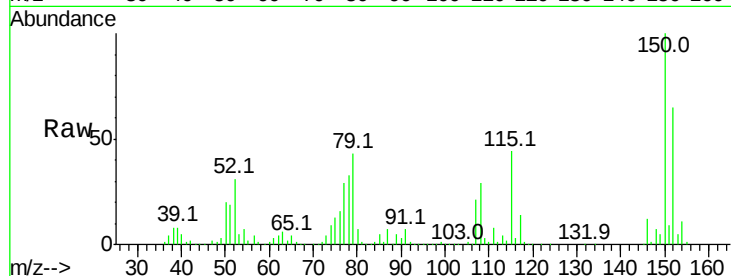
#15
Benzyl Alcohol
Concen: 38.86 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampled :
TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.2	68.4	102.6#
77	66.9	50.6	76.0

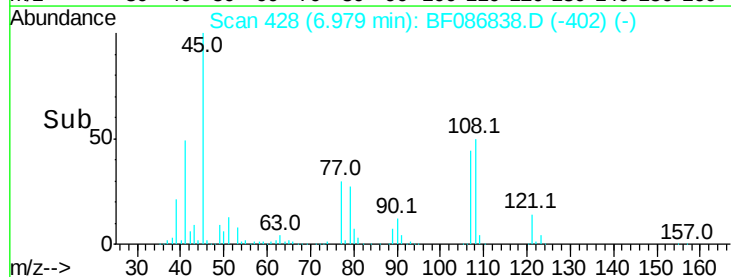
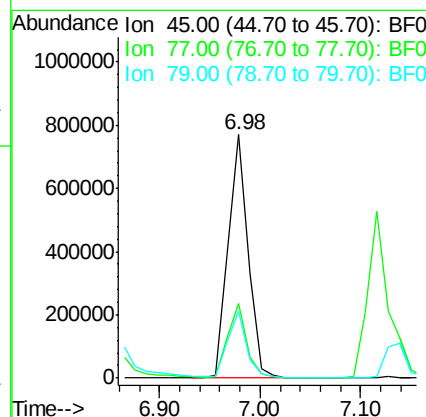
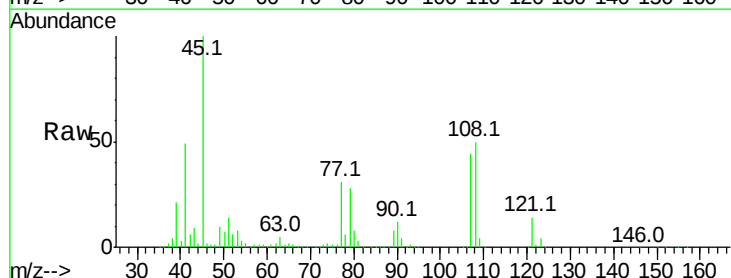
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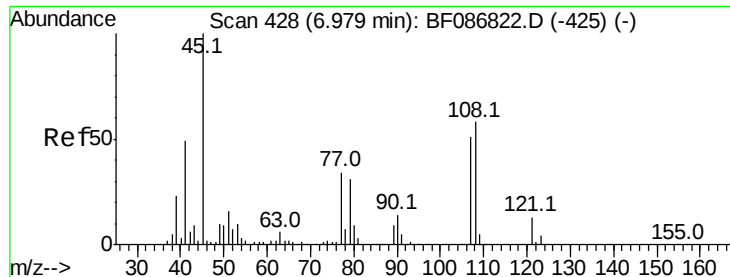
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.52 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.6	0.0	36.4
79	27.6	0.0	33.4





#17

2-Methylphenol

Concen: 38.99 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

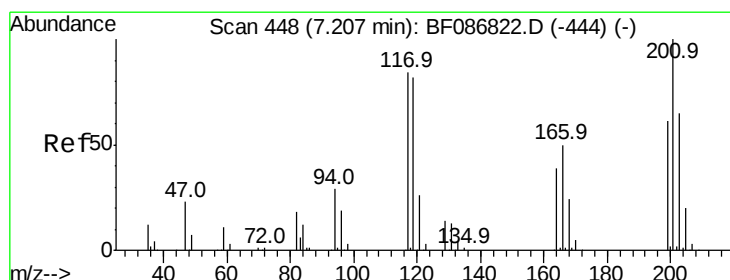
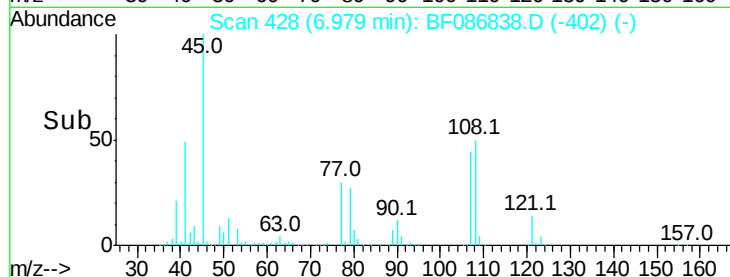
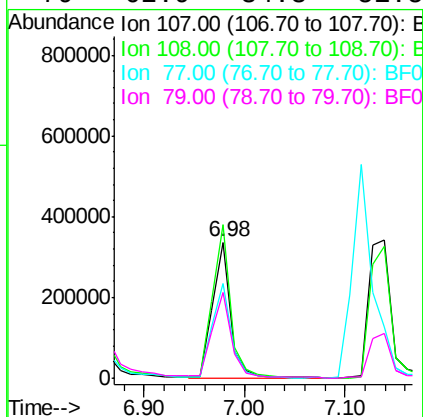
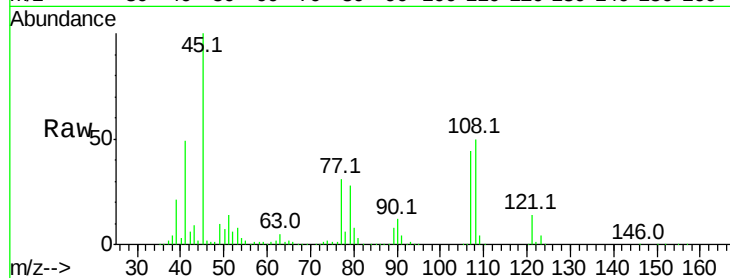
ClientSampled :

TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
107	100	415263		
108	113.1	93.7	140.5	
77	69.7	33.4	50.0#	
79	62.9	34.3	51.5#	

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#18

Hexachloroethane

Concen: 37.93 ng

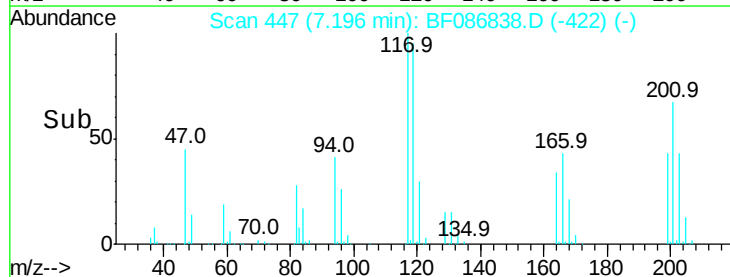
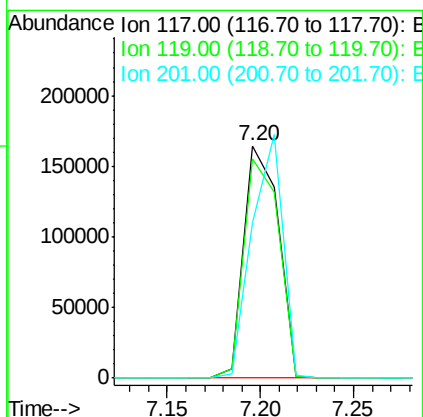
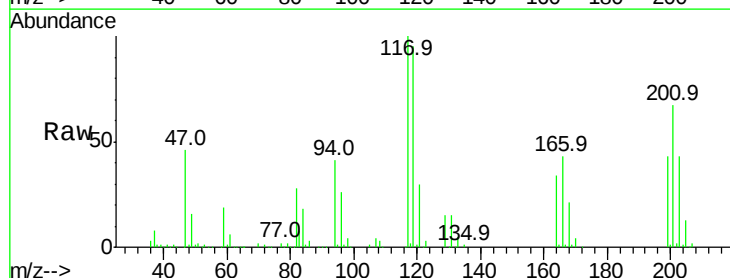
RT: 7.20 min Scan# 447

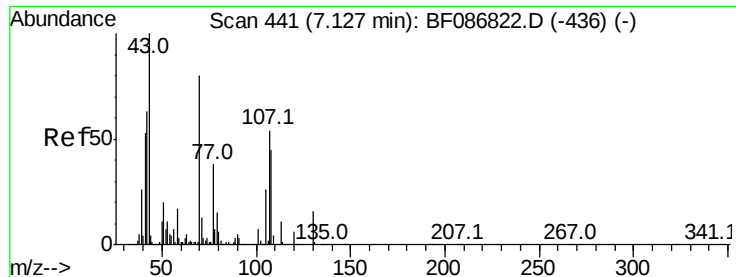
Delta R.T. -0.01 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	210808		
119	94.6	76.5	114.7	
201	67.2	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 40.61 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

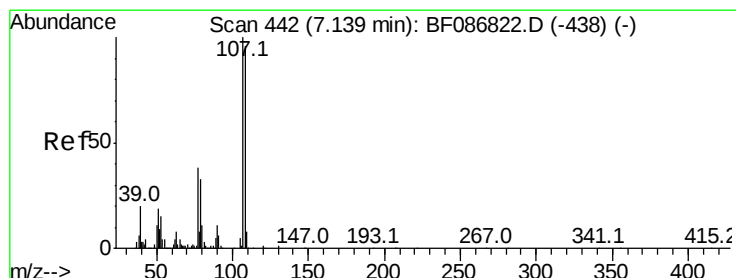
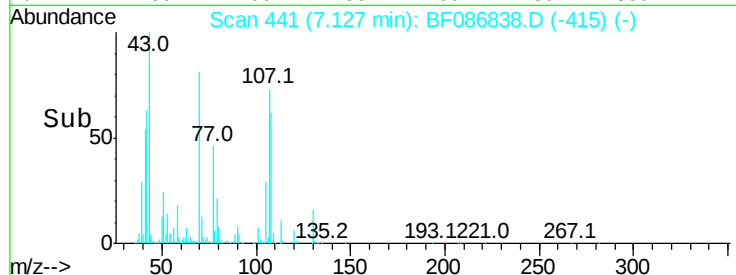
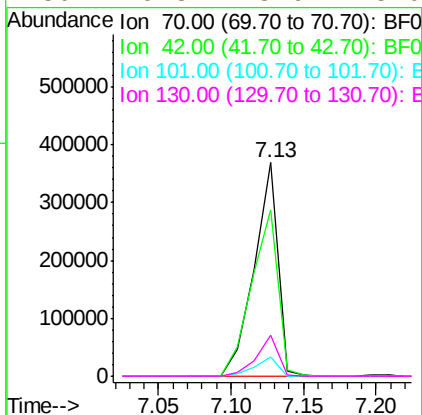
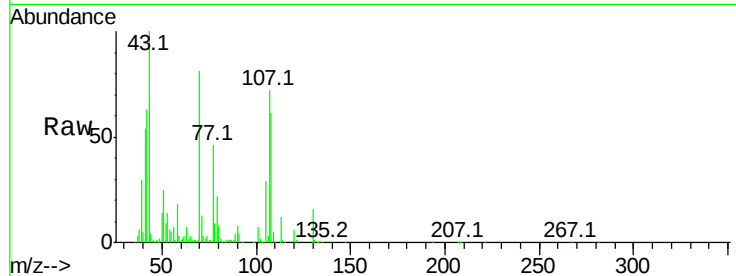
ClientSampleId :

TP4-6-7FT

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.0	43.1	64.7#	
101	9.2	8.1	12.1	
130	19.3	18.6	28.0	

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#20

3+4-Methylphenols

Concen: 39.16 ng

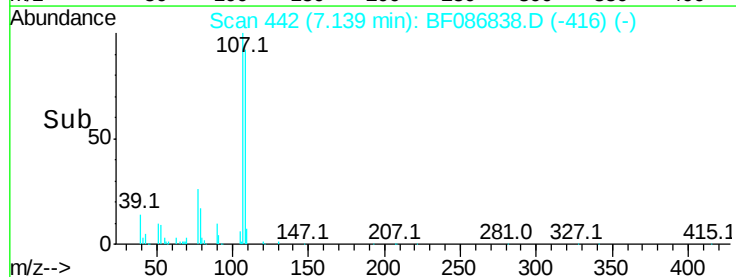
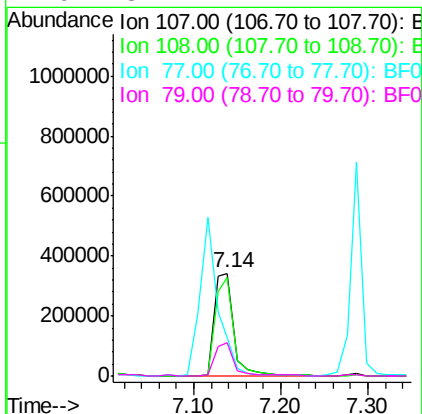
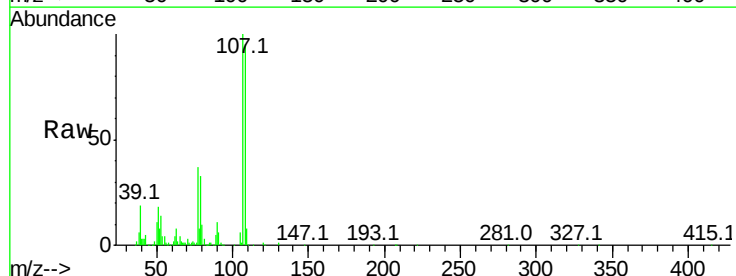
RT: 7.14 min Scan# 442

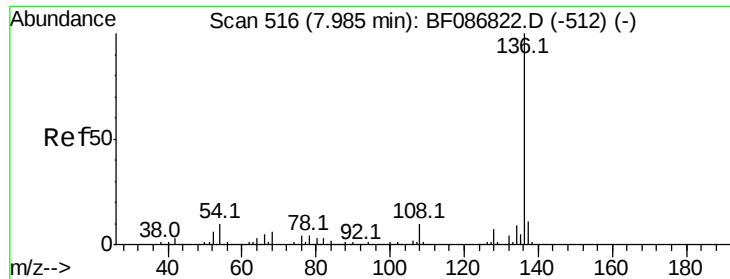
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.5	68.5	108.5	
77	37.3	101.6	141.6#	
79	32.7	7.4	47.4	





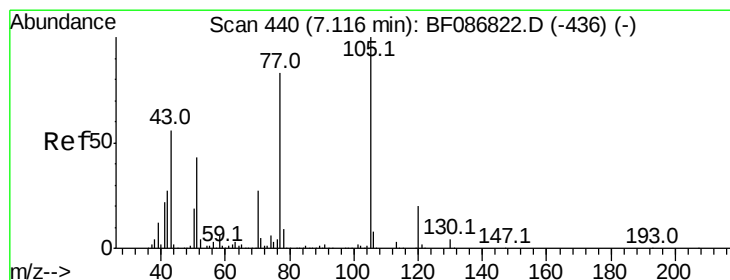
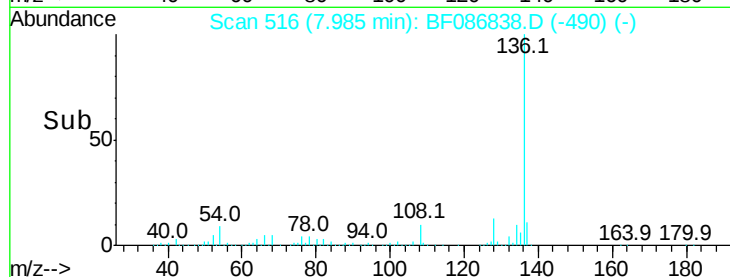
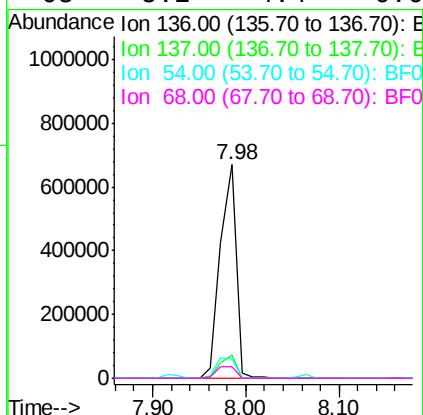
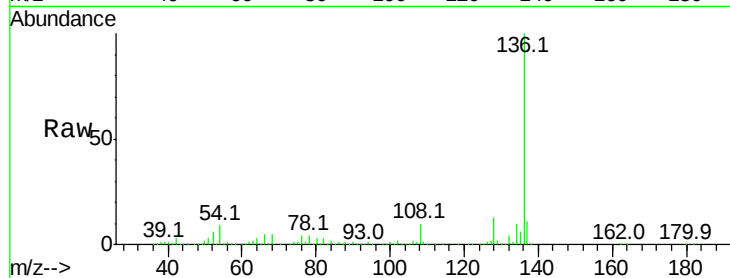
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampled :
TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
136	100	788550		
137	10.7	8.8	13.2	
54	9.1	5.0	7.4	
68	5.2	4.4	6.6	

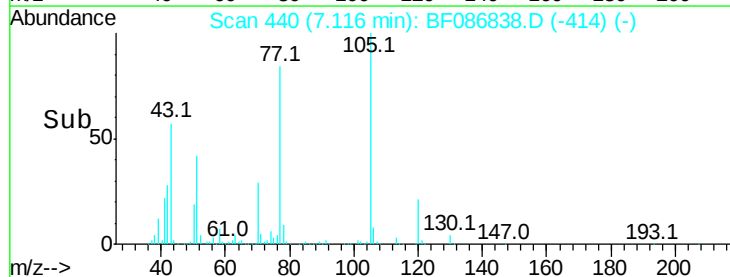
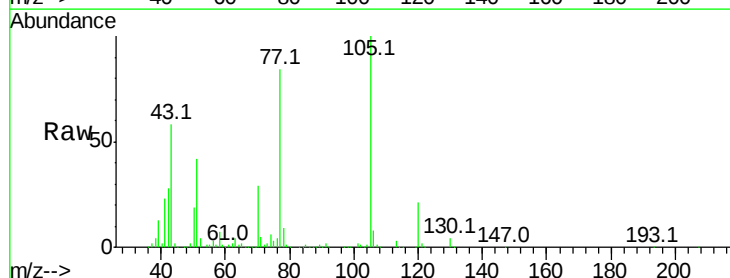
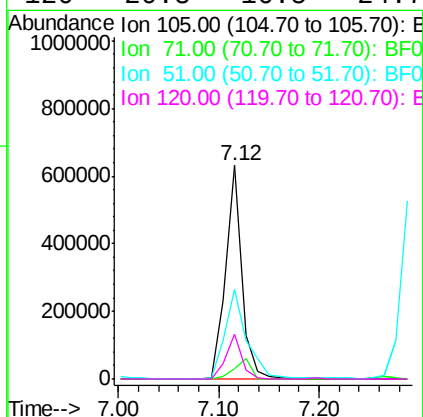
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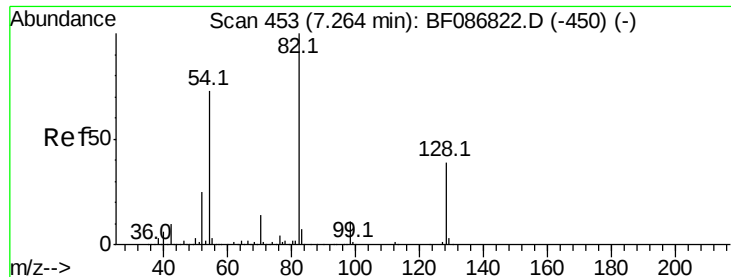
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#22
Acetophenone
Concen: 38.19 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	711377		
71	5.0	4.8	7.2	
51	41.9	32.6	49.0	
120	20.8	16.5	24.7	





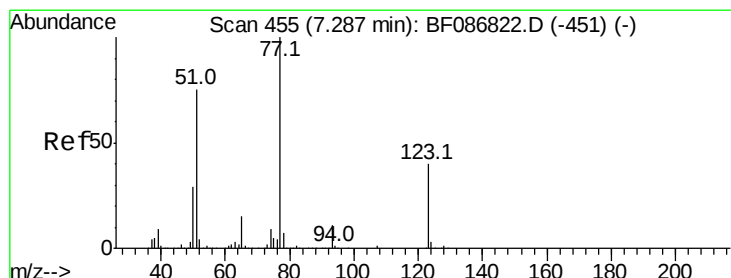
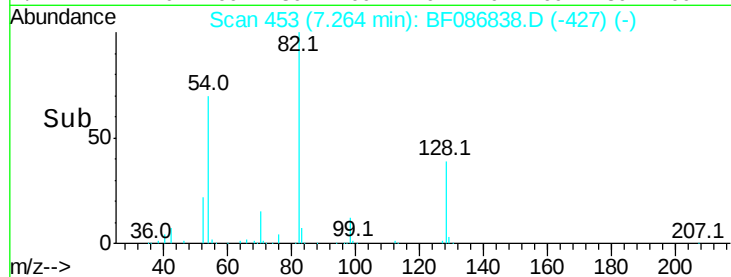
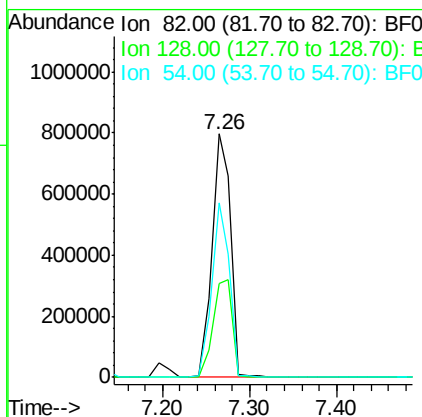
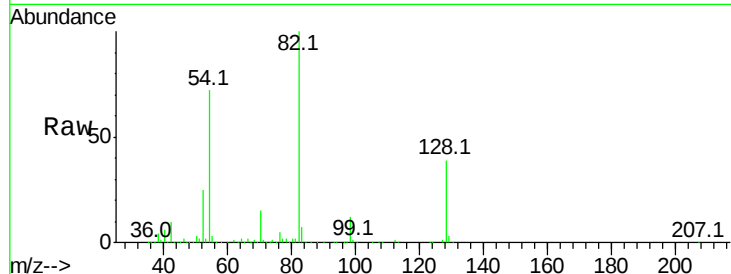
#23
 Nitrobenzene-d5
 Concen: 76.56 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampled :
 TP4-6-7FT

Tot Ion: 82 Resp: 1202384
 Ion Ratio Lower Upper
 82 100
 128 38.7 40.6 61.0#
 54 71.7 38.1 57.1#

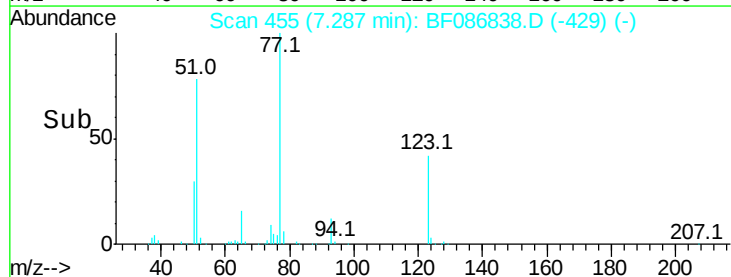
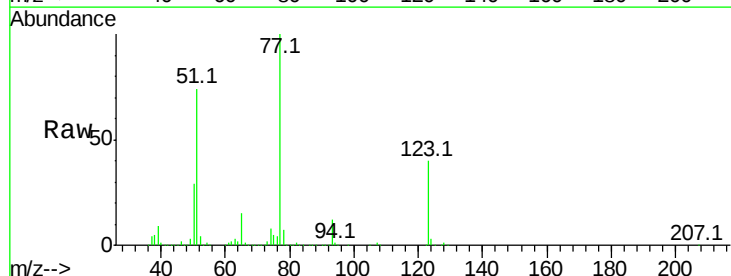
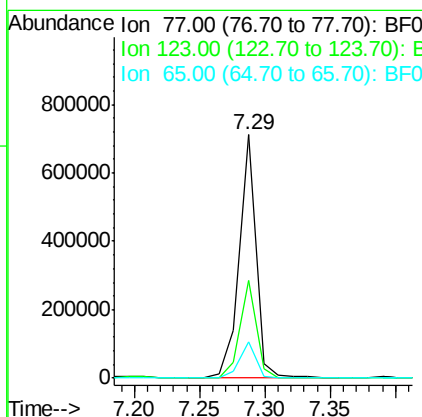
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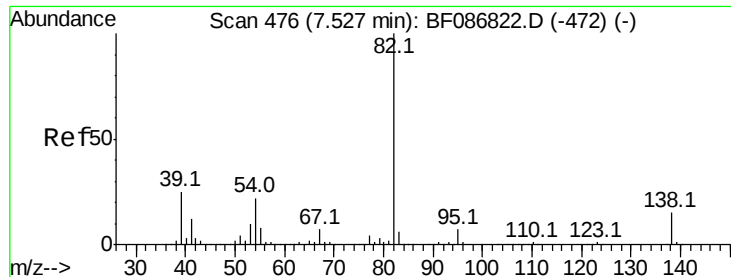
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#24
 Nitrobenzene
 Concen: 38.78 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion: 77 Resp: 626410
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.0 49.4
 65 15.1 10.8 16.2





#25

Isophorone

Concen: 37.27 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

Tot Ion: 82 Resp: 1086085

Ion Ratio Lower Upper

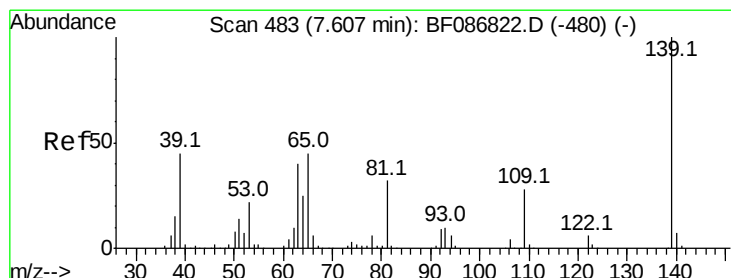
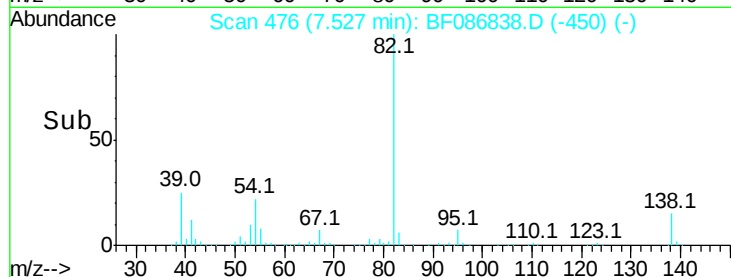
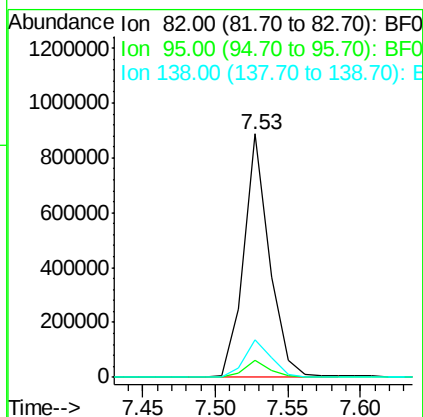
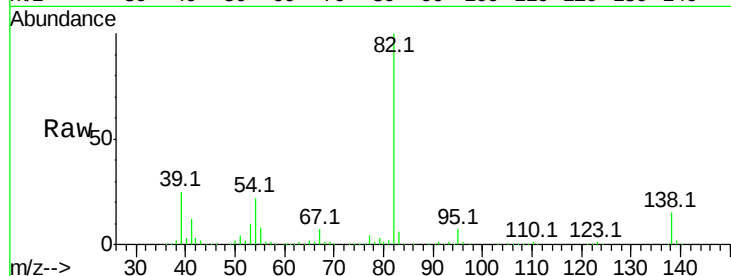
82 100

95 7.1 5.1 7.7

138 15.2 12.4 18.6

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#26

2-Nitrophenol

Concen: 39.56 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

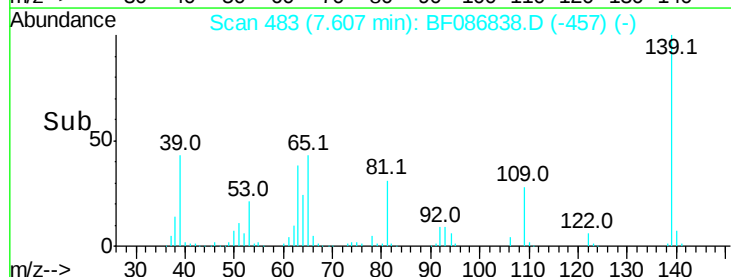
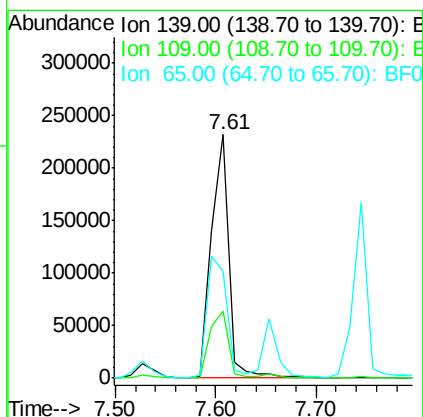
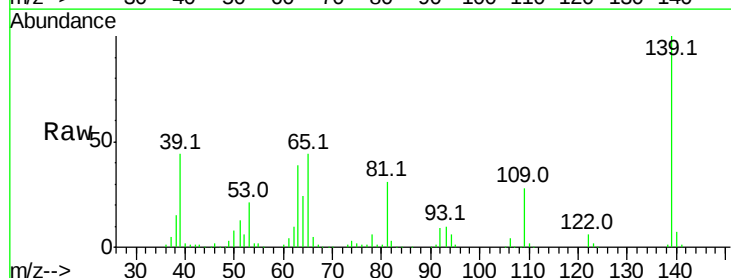
Tgt Ion: 139 Resp: 280903

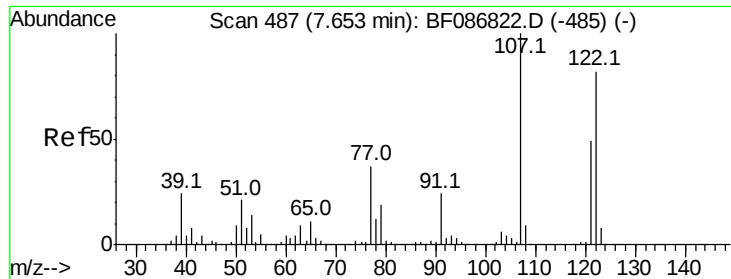
Ion Ratio Lower Upper

139 100

109 27.6 19.5 29.3

65 43.9 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.89 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

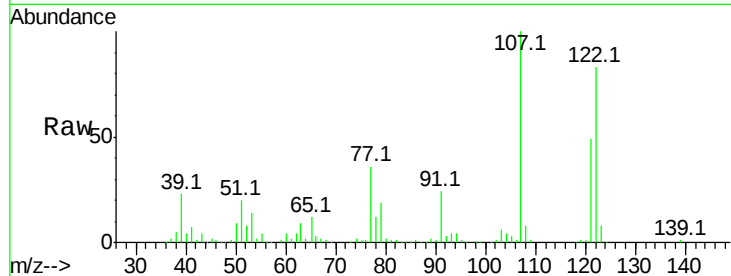
ClientSampleId :

TP4-6-7FT

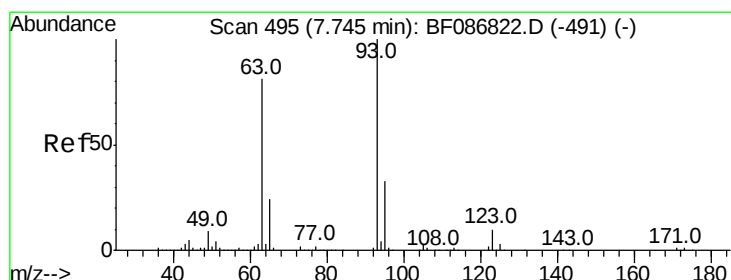
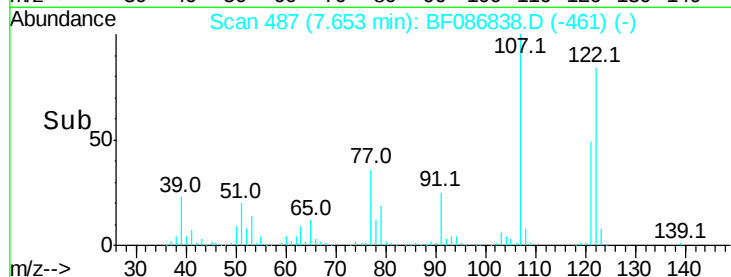
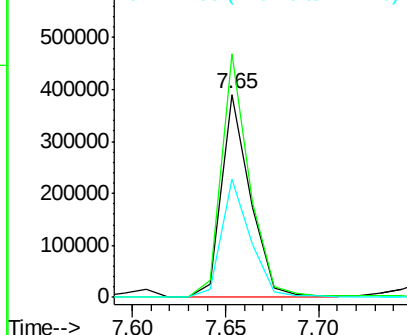
Tot Ion:	122	Resp:	422080
Ion Ratio	Lower	Upper	
122	100		
107	119.9	82.0	123.0
121	58.4	46.1	69.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.56 ng

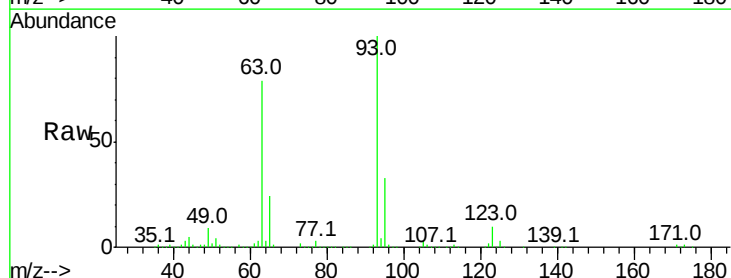
RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

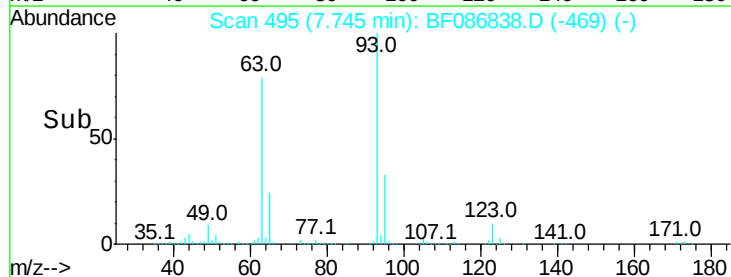
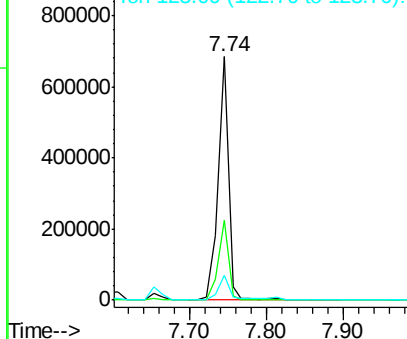
Lab File: BF086838.D

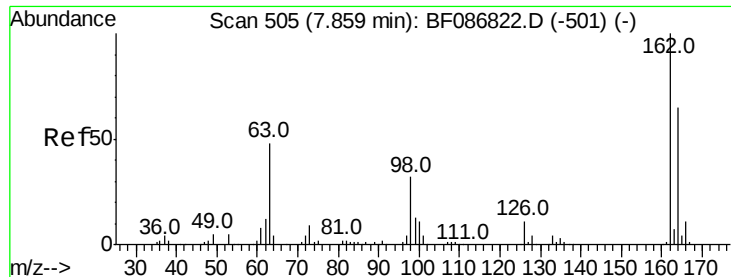
Acq: 9 May 2016 23:31

Tgt Ion:	93	Resp:	637475
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.0	39.0
123	10.3	9.5	14.3



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





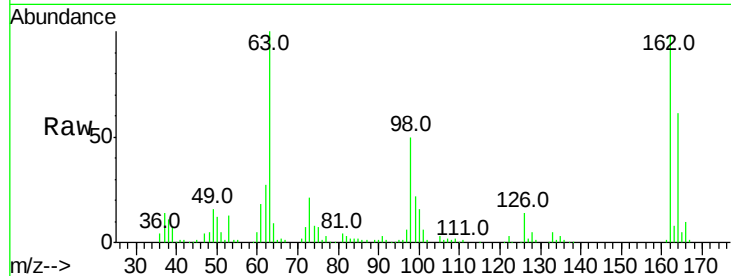
#29
 2,4-Dichlorophenol
 Concen: 37.60 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

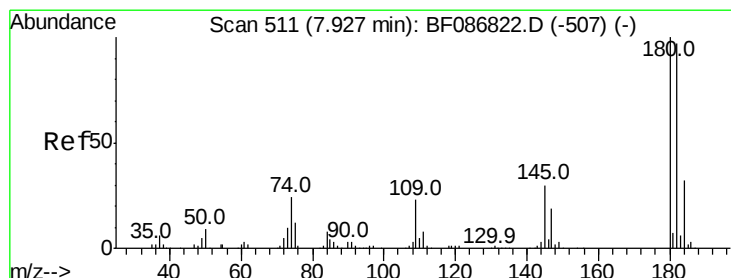
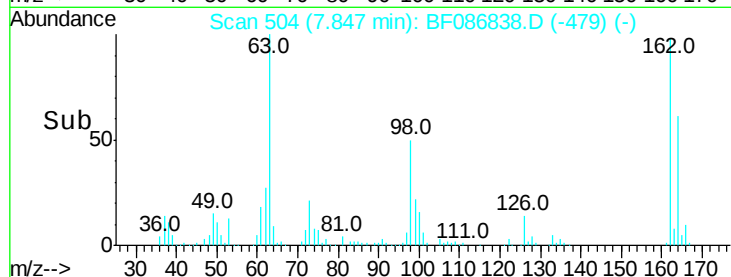
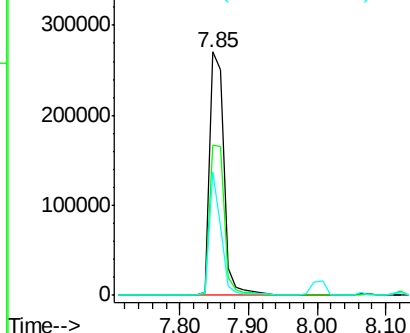
Tot Ion	Ratio	Resp	Lower	Upper
162	100	400286		
164	61.8	42.2	82.2	
98	50.7	19.0	59.0	

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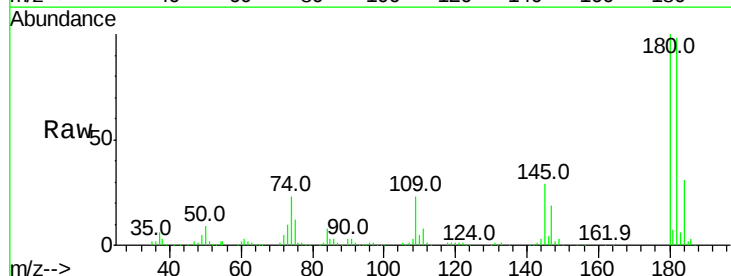


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

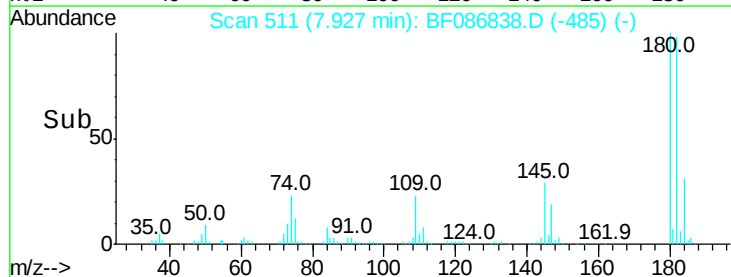
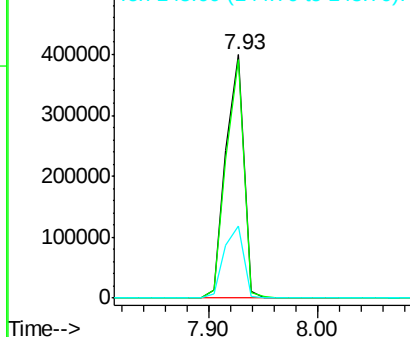


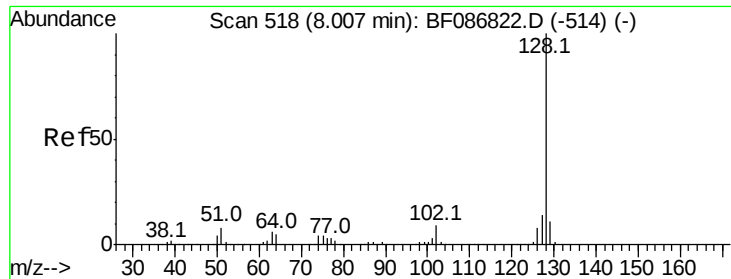
#30
 1,2,4-Trichlorobenzene
 Concen: 38.64 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	460007		
182	97.9	78.0	117.0	
145	29.5	24.2	36.2	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





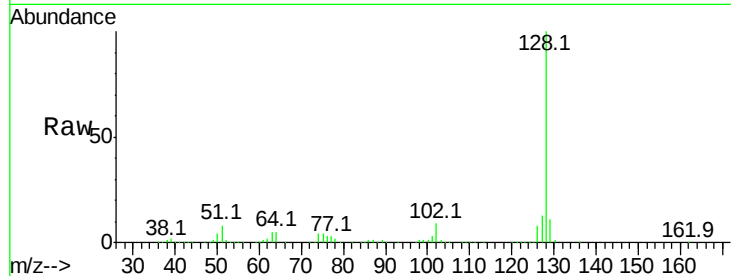
#31
Naphthalene
Concen: 37.12 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampled :
TP4-6-7FT

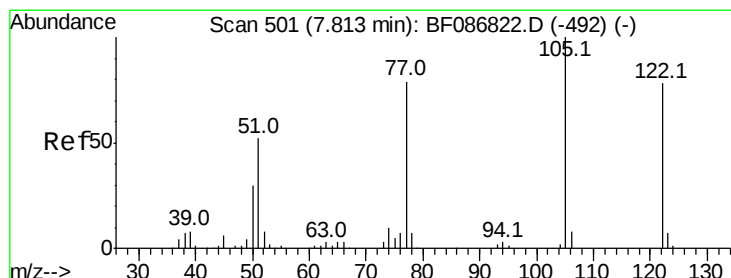
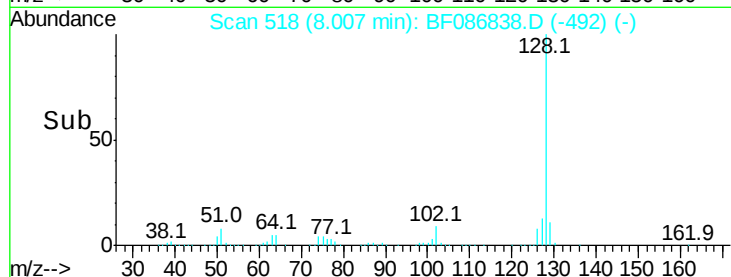
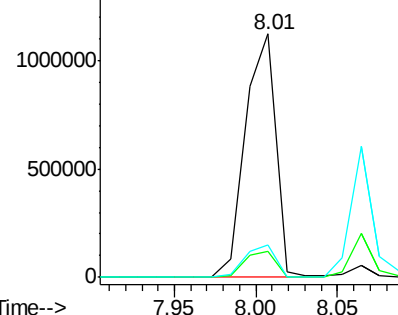
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.4	10.8	16.2

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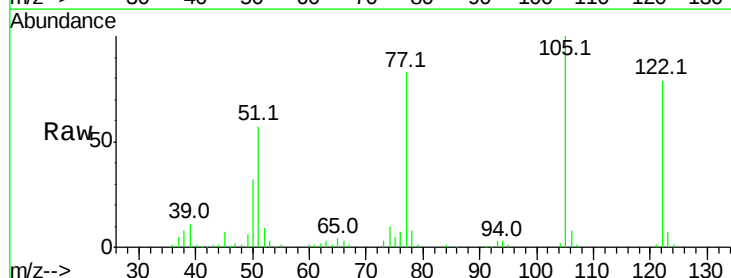


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

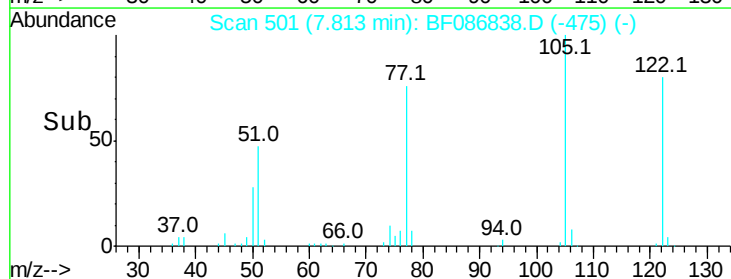
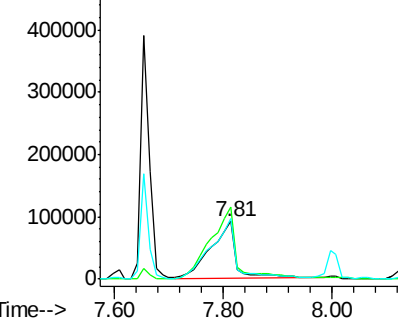


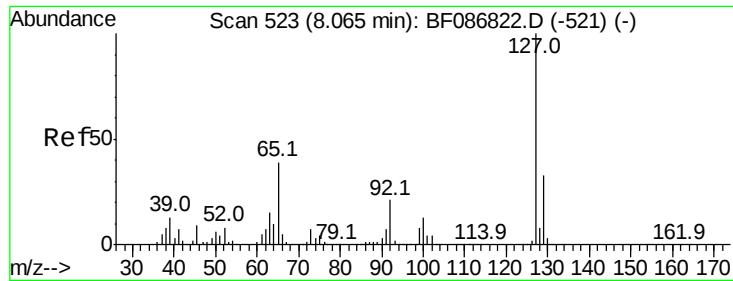
#32
Benzoic acid
Concen: 42.49 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	92.6	132.6
77	104.7	60.0	100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





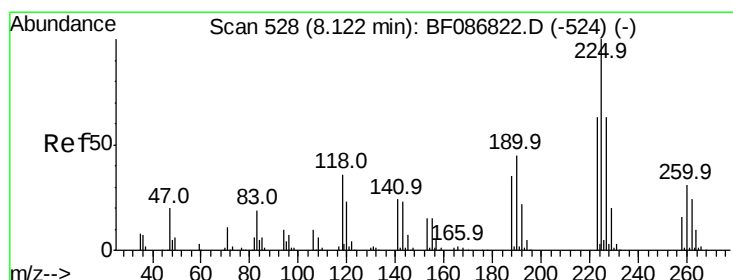
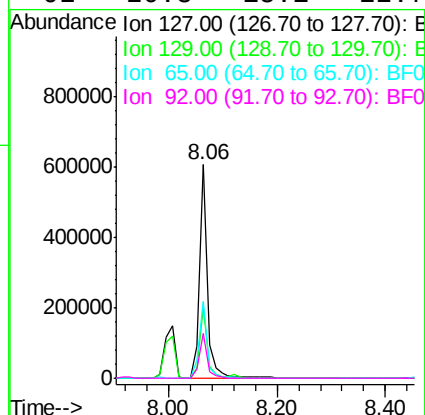
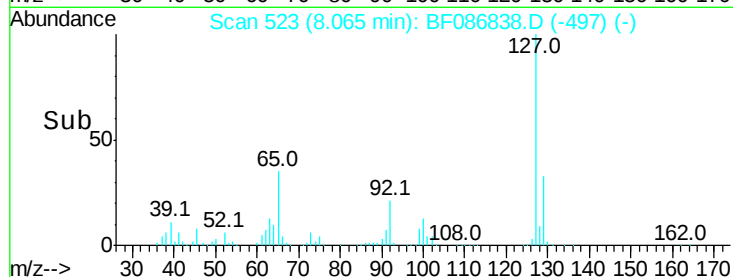
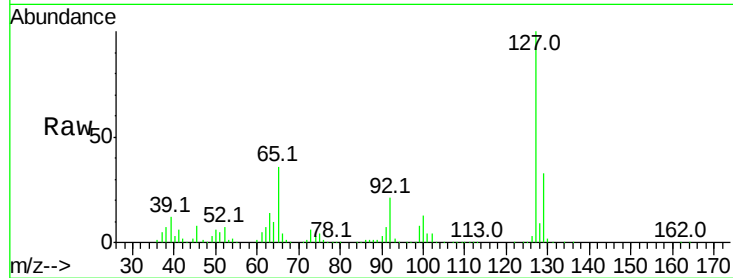
#33
4-Chloroaniline
Concen: 39.11 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	26.2	39.4
65	36.1	23.0	34.4
92	20.8	15.1	22.7

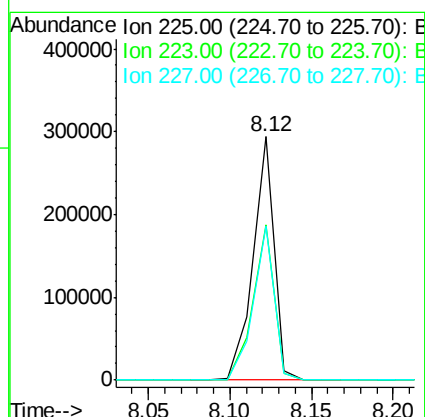
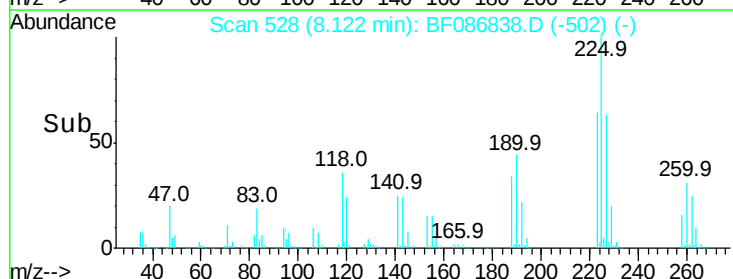
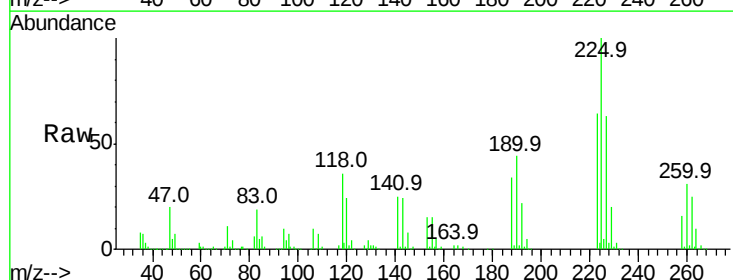
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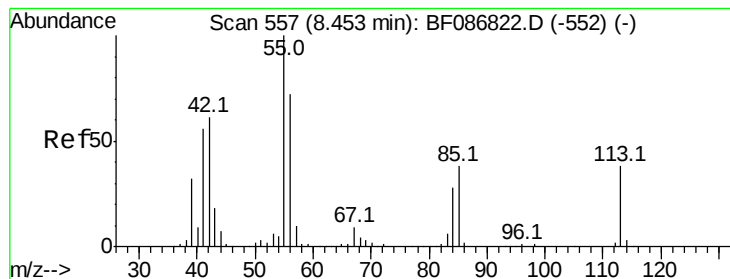
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#34
Hexachlorobutadiene
Concen: 38.09 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.8	51.5	77.3
227	63.4	52.2	78.2





#35

Caprolactam

Concen: 36.96 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

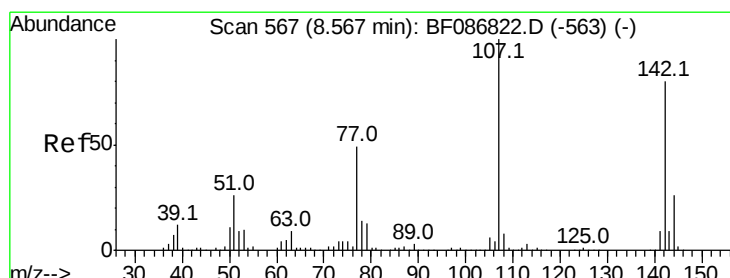
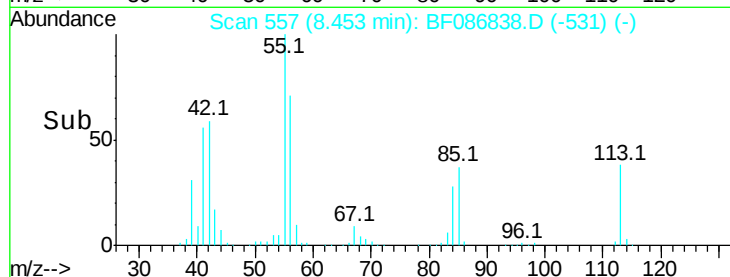
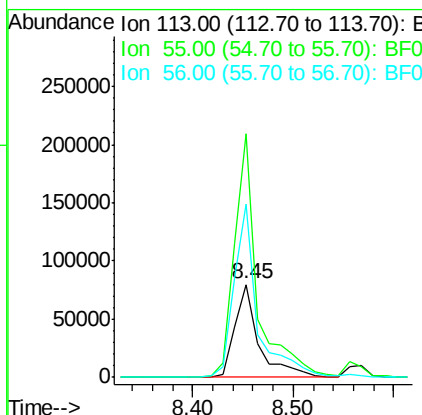
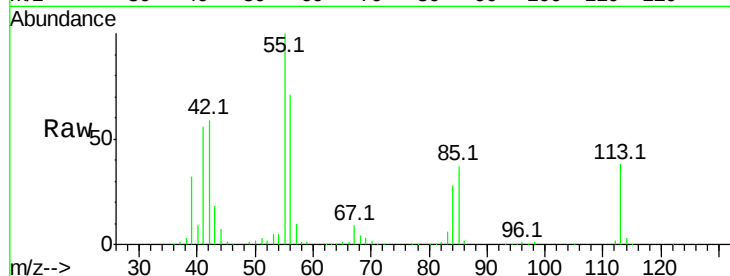
ClientSampled :

TP4-6-7FT

Tot Ion:	113	Resp:	133899
Ion Ratio	Lower	Upper	
113	100		
55	261.9	162.0	202.0#
56	186.4	115.3	155.3#

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#36

4-Chloro-3-methylphenol

Concen: 36.37 ng

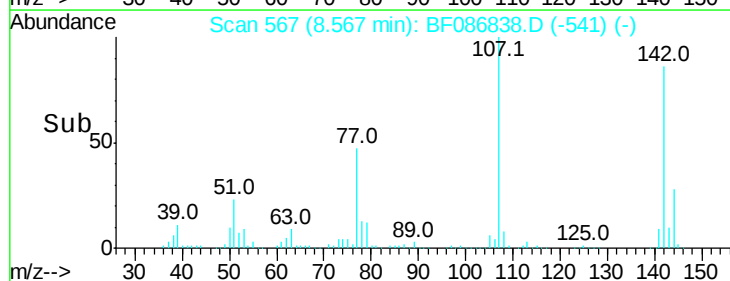
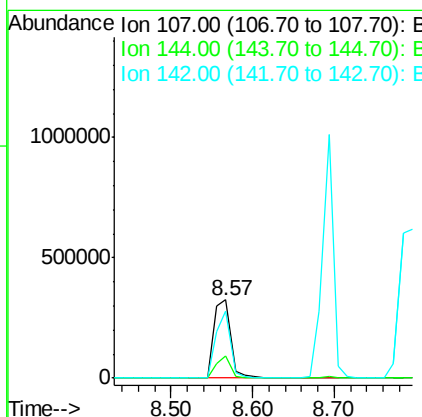
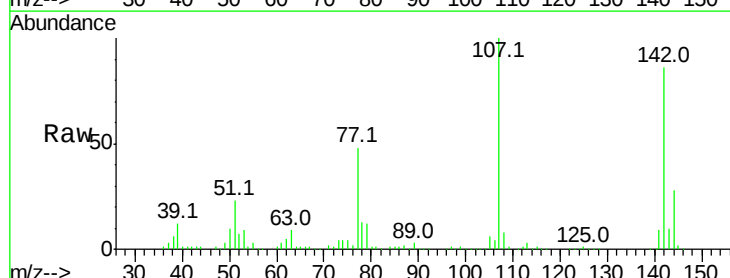
RT: 8.57 min Scan# 567

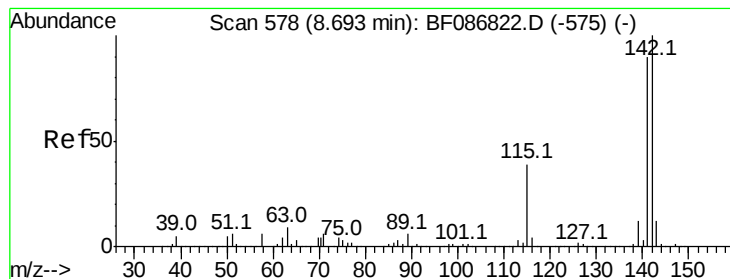
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	107	Resp:	469614
Ion Ratio	Lower	Upper	
107	100		
144	28.0	20.7	31.1
142	85.5	63.2	94.8





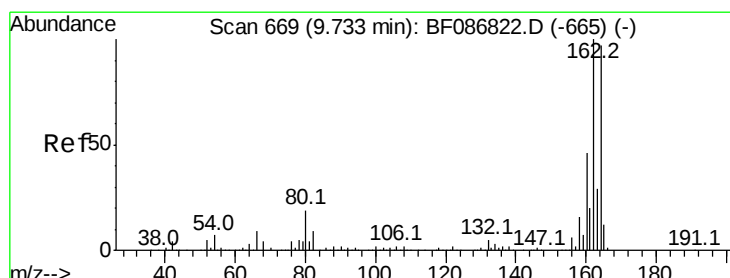
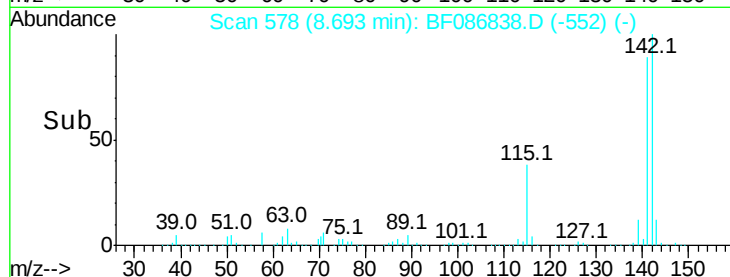
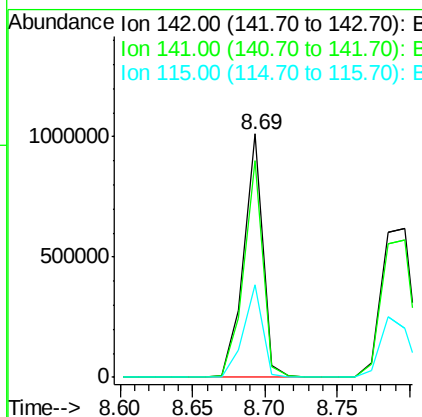
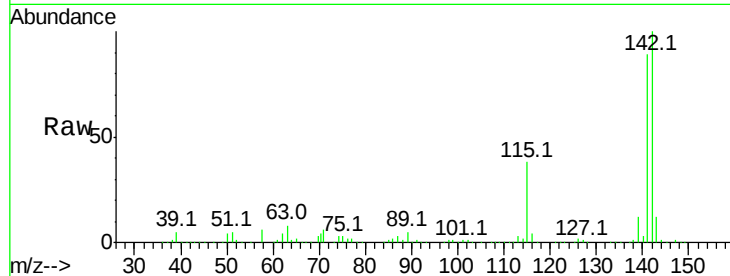
#37
2-Methylnaphthalene
Concen: 40.23 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
142	100	928911		
141	89.1	71.0	106.6	
115	37.9	26.6	39.8	

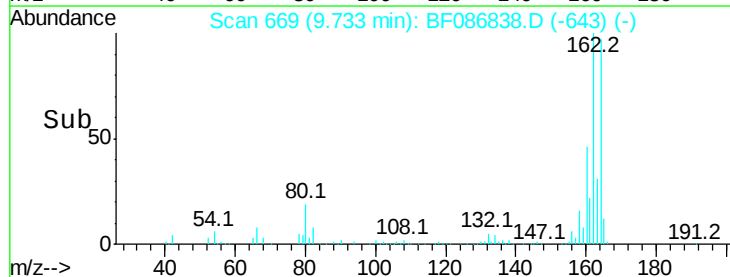
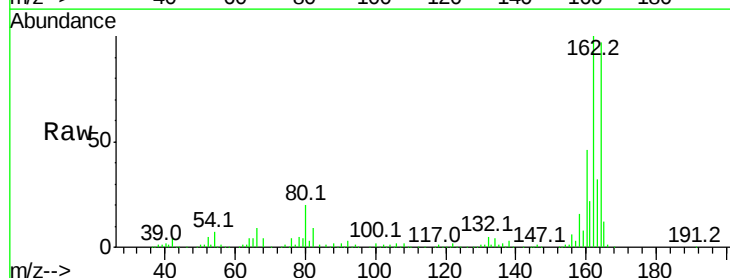
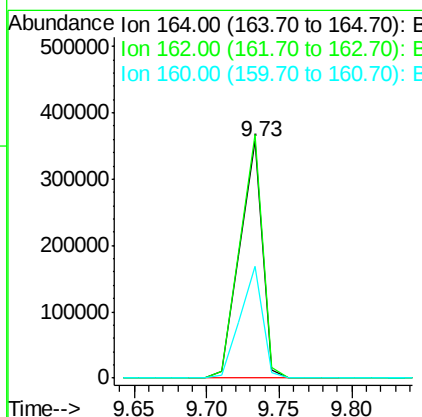
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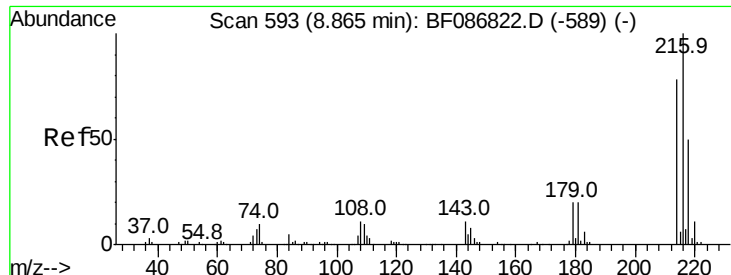
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	387906		
162	102.8	82.8	124.2	
160	47.1	36.9	55.3	





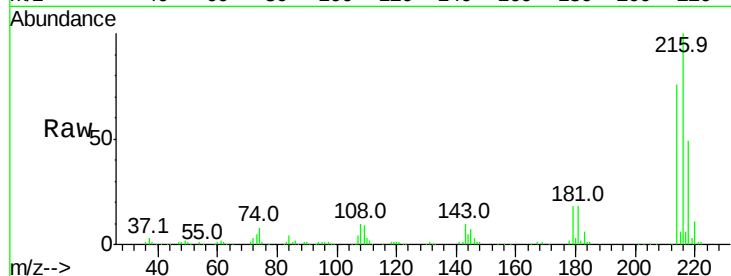
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.23 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

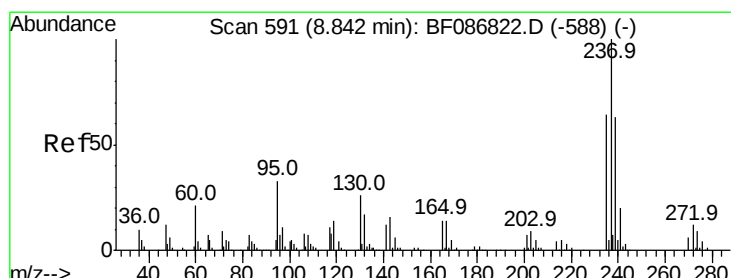
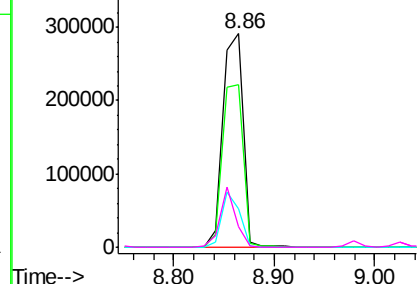
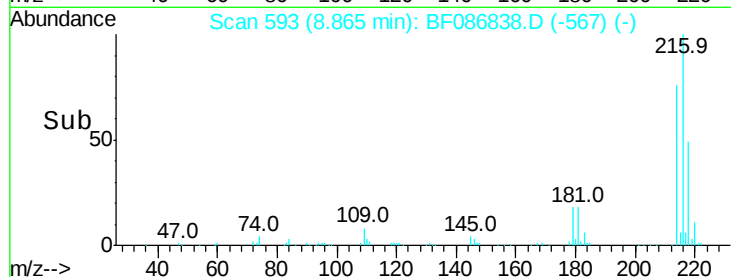
Tot Ion	Ratio	Resp	Lower	Upper
216	100	408604		
214	78.4	62.6	93.8	
179	22.8	18.2	27.4	
108	22.3	17.5	26.3	

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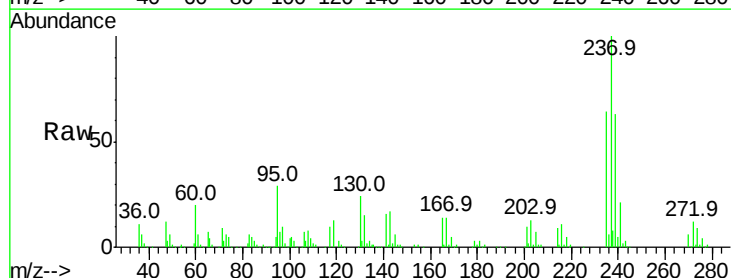


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

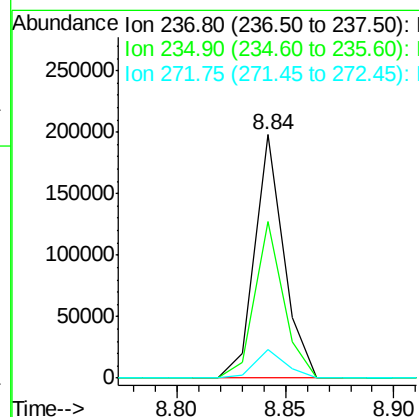
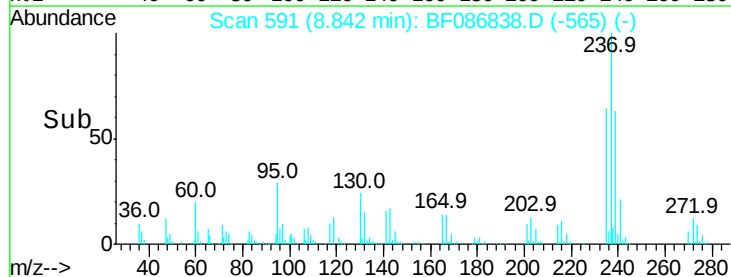


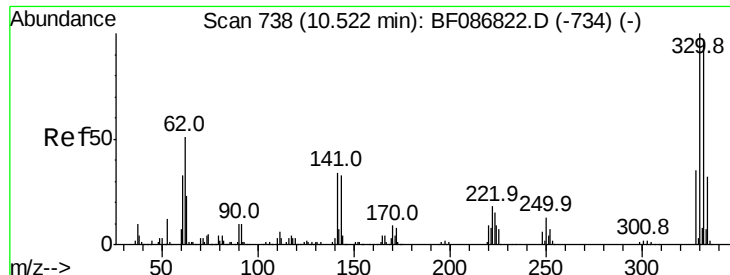
#40
 Hexachlorocyclopentadiene
 Concen: 34.29 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	183567		
235	64.1	47.2	87.2	
272	11.7	0.0	31.1	



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





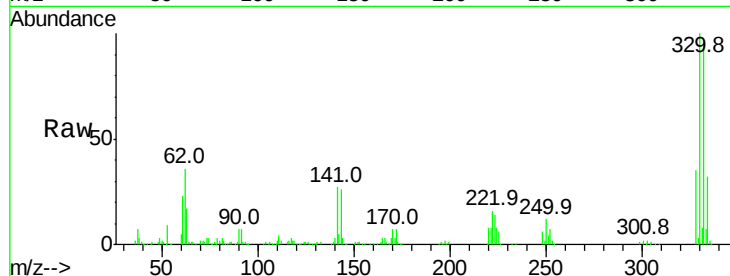
#41
 2,4,6-Tribromophenol
 Concen: 79.25 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampled :
 TP4-6-7FT

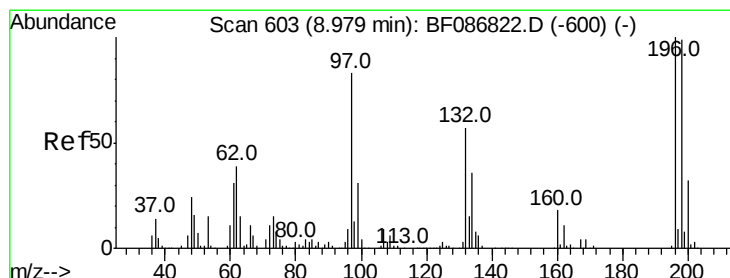
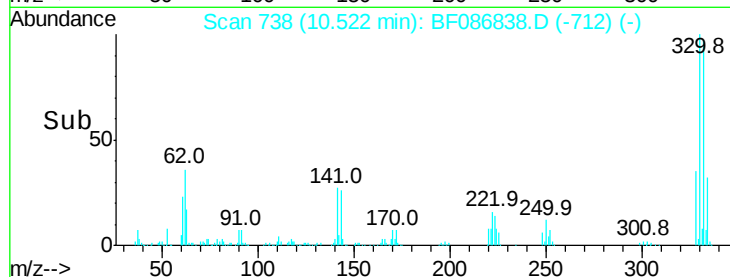
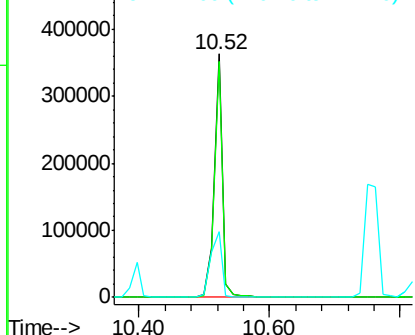
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	79.0	118.4	
141	36.7	31.2	46.8	

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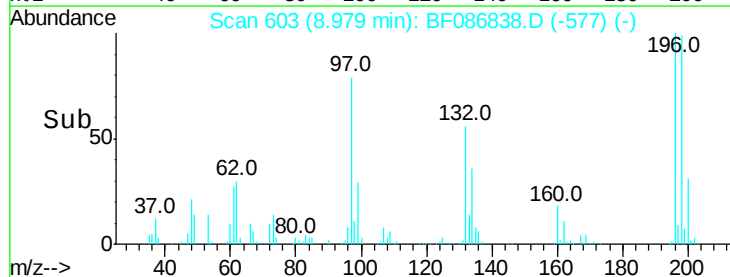
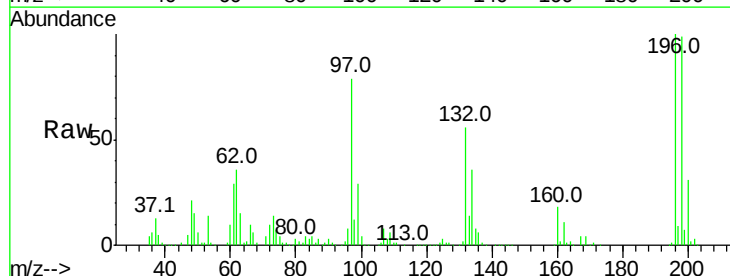
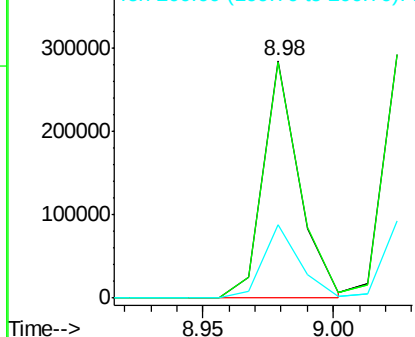
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

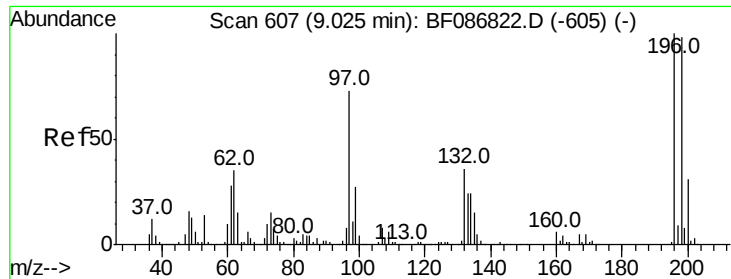


#42
 2,4,6-Trichlorophenol
 Concen: 36.39 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.5	74.7	112.1	
200	31.2	23.8	35.6	

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





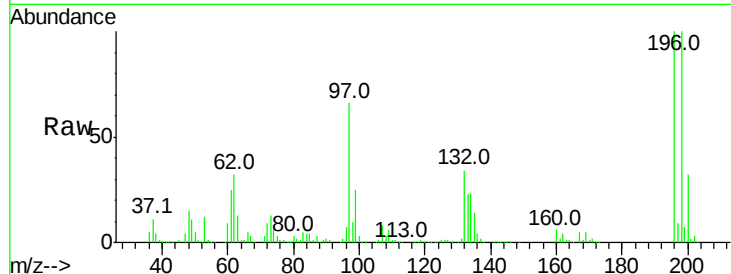
#43
 2,4,5-Trichlorophenol
 Concen: 37.67 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

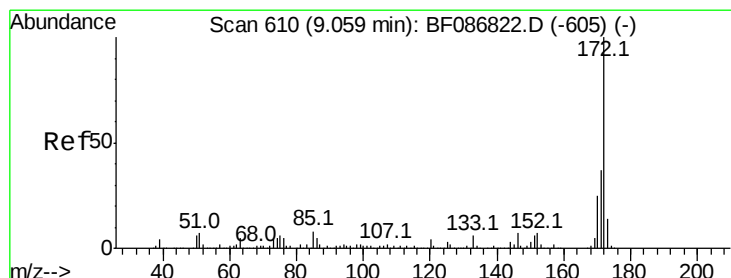
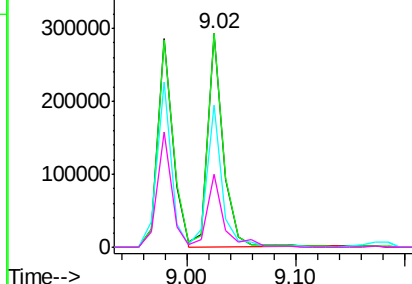
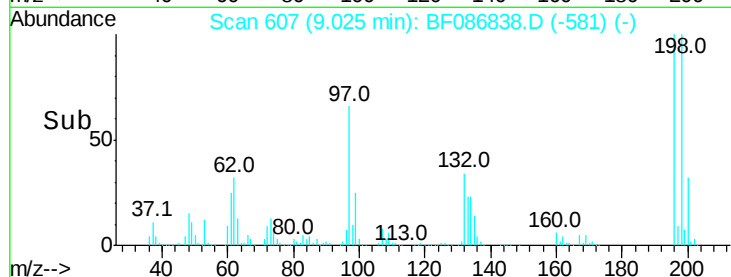
Tot Ion:	196	Resp:	293840
Ion Ratio	Lower	Upper	
196	100		
198	100.1	77.5	116.3
97	66.4	34.8	52.2#
132	34.0	23.0	34.4

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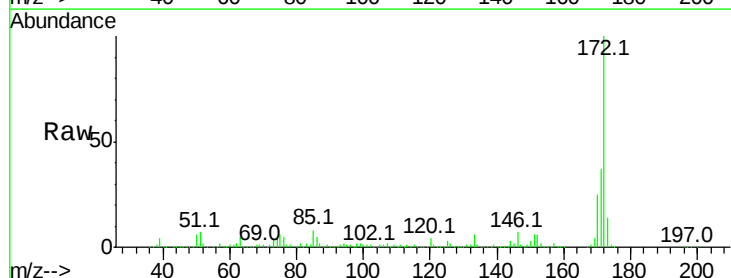


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

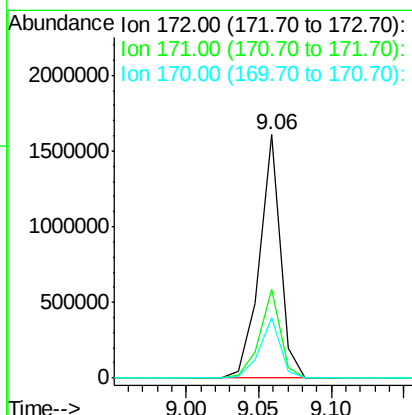
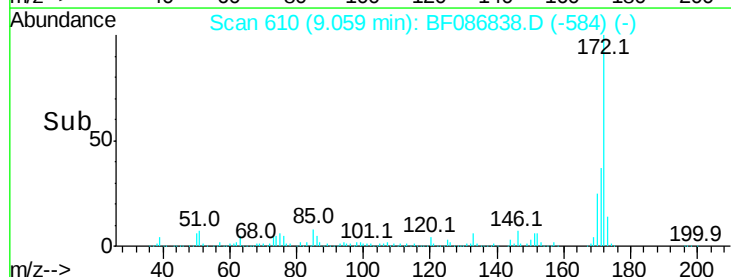


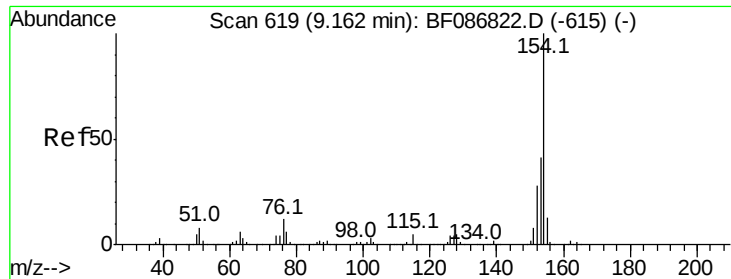
#44
 2-Fluorobiphenyl
 Concen: 69.88 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion:	172	Resp:	1612891
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.0	43.6
170	24.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





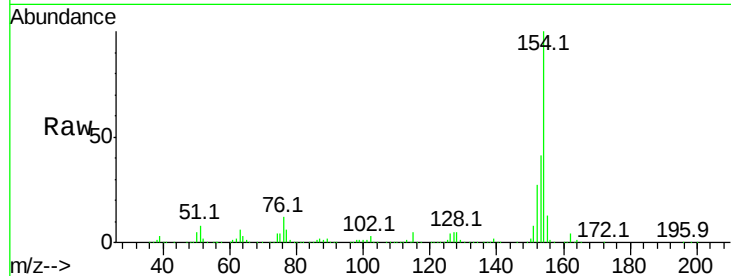
#45
 1,1'-Biphenyl
 Concen: 39.84 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	11.7	0.0	30.2

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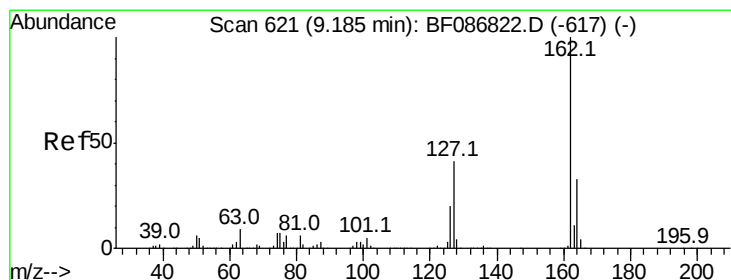
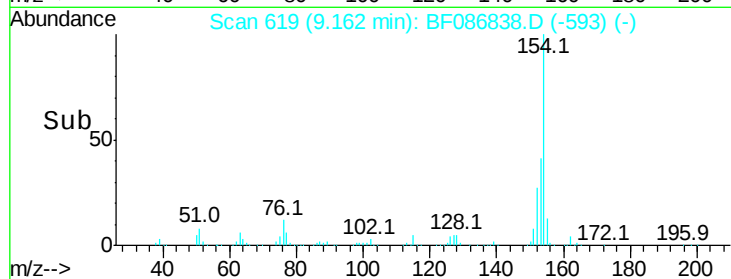
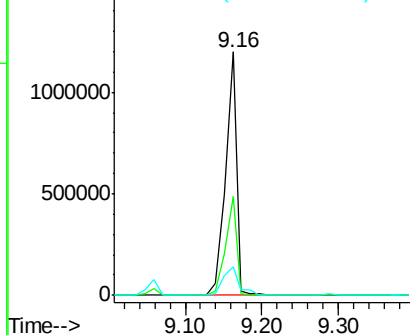


Abundance

Ion 154.00 (153.70 to 154.70): E

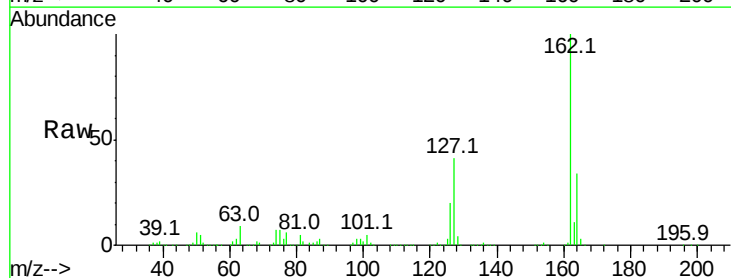
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 39.39 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.8	47.6
164	33.7	27.0	40.6

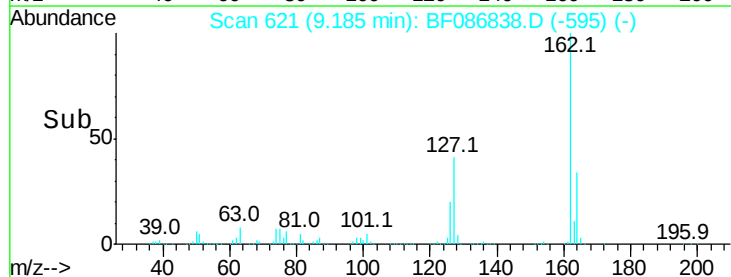
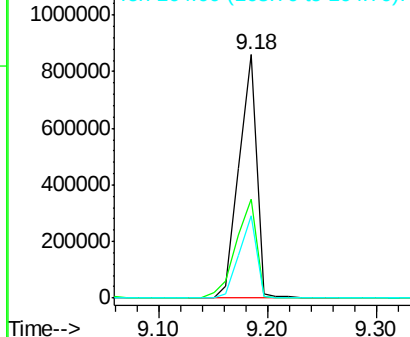


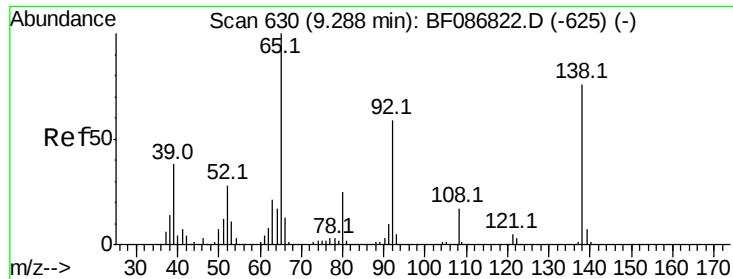
Abundance

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





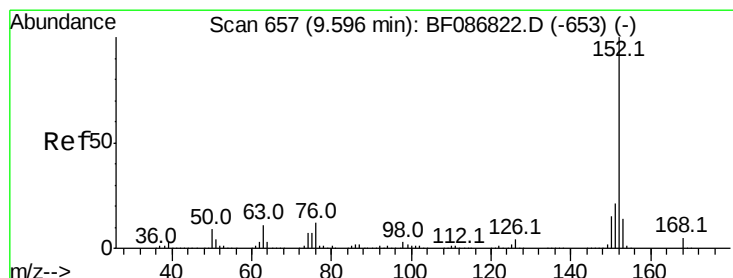
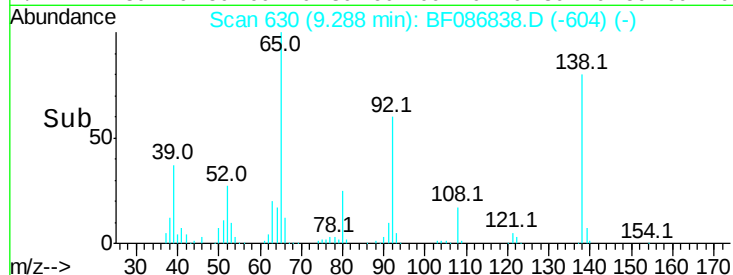
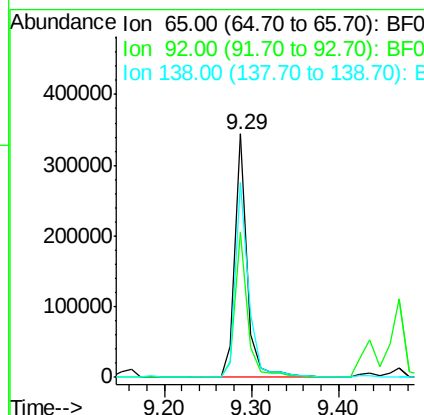
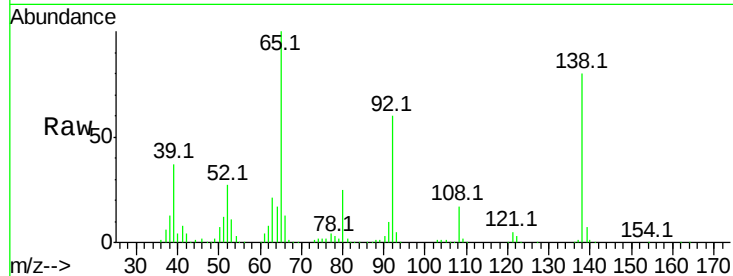
#47
 2-Nitroaniline
 Concen: 38.16 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.4	86.2
138	80.2	90.1	135.1#

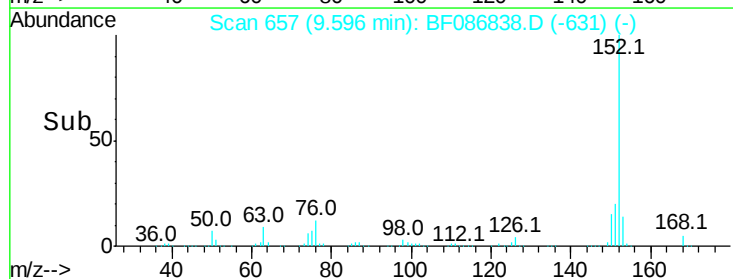
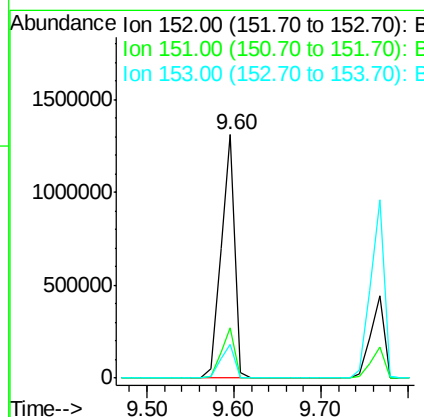
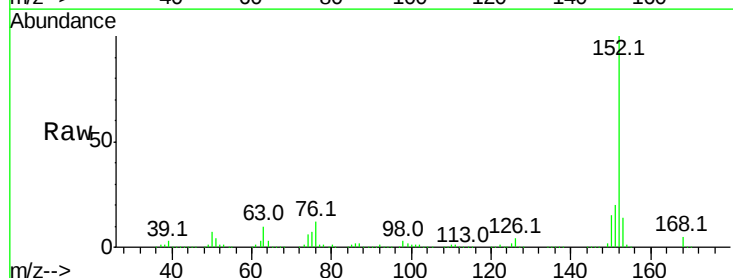
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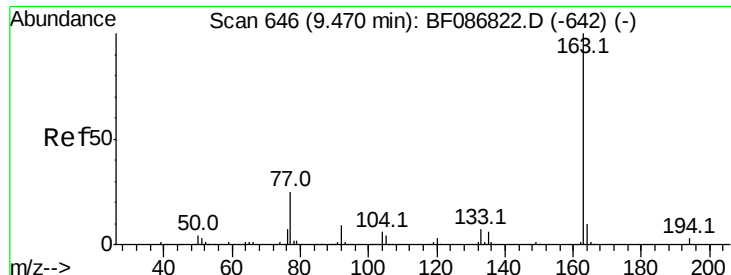
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#48
 Acenaphthylene
 Concen: 40.66 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.0	10.9	16.3





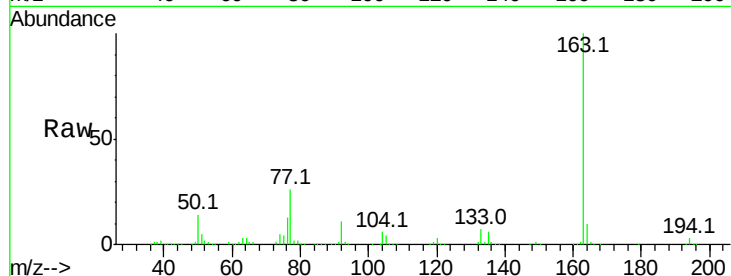
#49
Dimethylphthalate
Concen: 36.61 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampled :
TP4-6-7FT

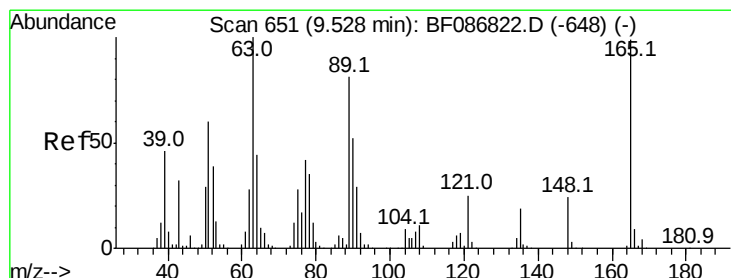
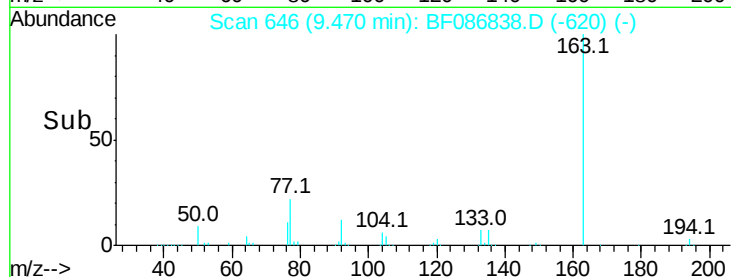
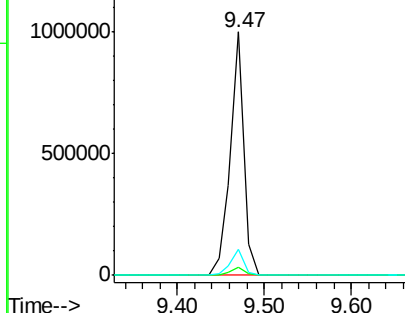
Tot Ion:163 Resp: 1083542
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.5 8.2 12.4

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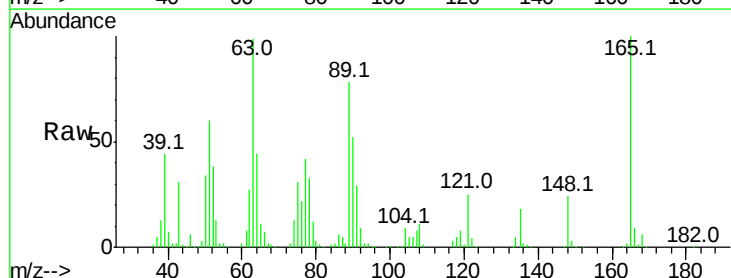


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

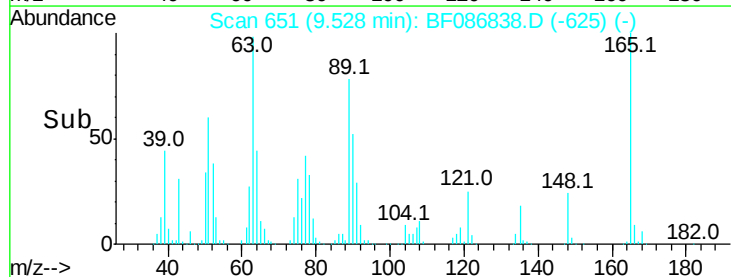
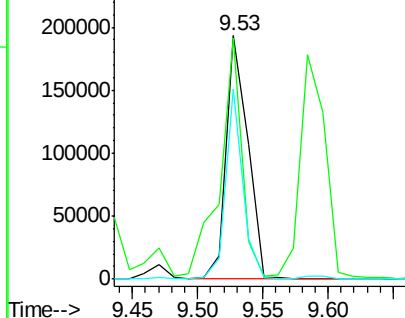


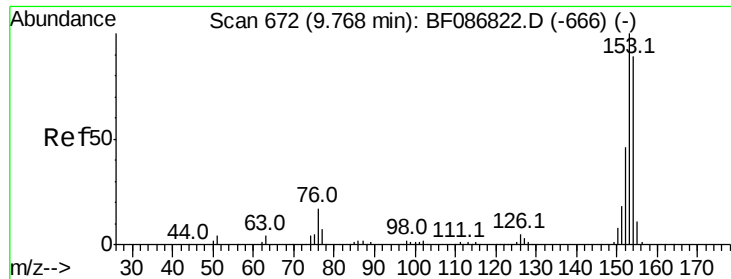
#50
2,6-Dinitrotoluene
Concen: 35.74 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:165 Resp: 222572
Ion Ratio Lower Upper
165 100
63 98.8 51.8 77.8#
89 77.9 50.7 76.1#



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





#51

Acenaphthene

Concen: 40.79 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

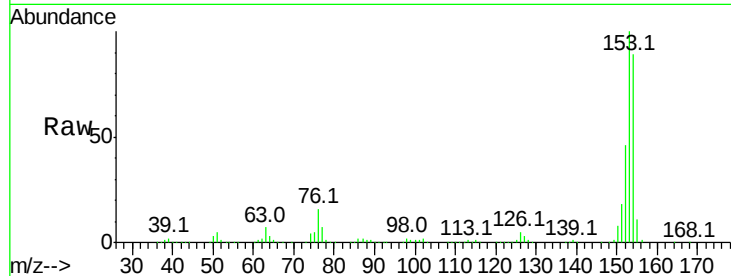
ClientSampleId :

TP4-6-7FT

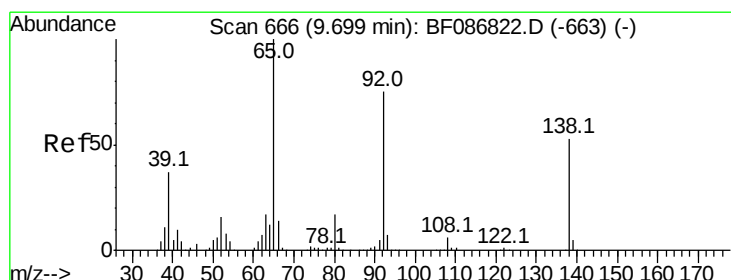
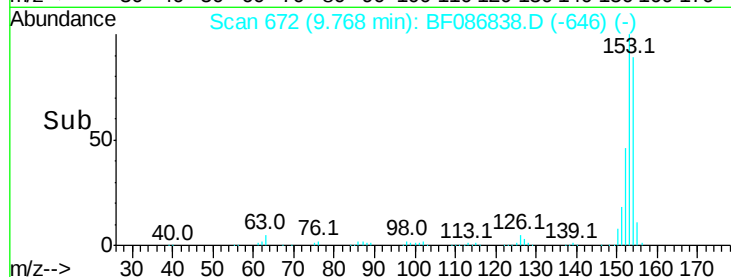
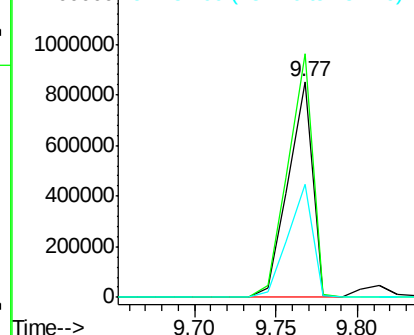
Tot Ion:	154	Resp:	902291
Ion Ratio	Lower	Upper	
154	100		
153	112.8	89.8	134.6
152	52.2	43.4	65.0

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



#52

3-Nitroaniline

Concen: 36.88 ng

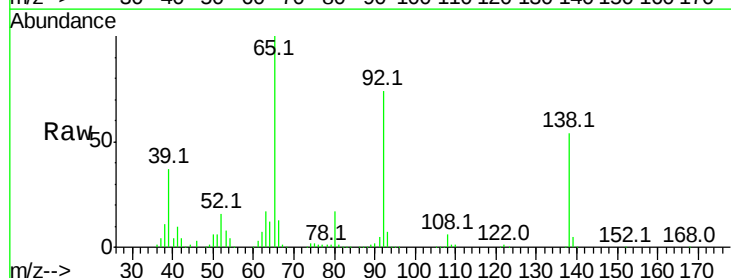
RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

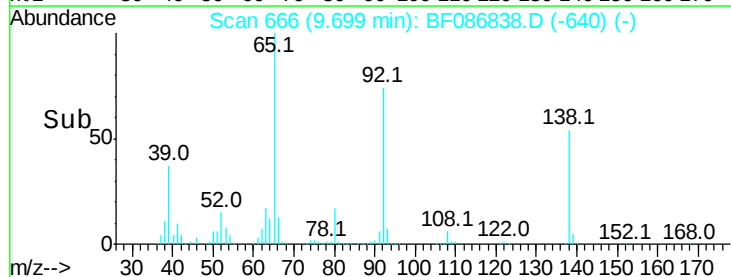
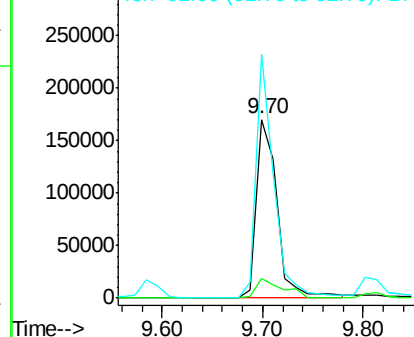
Lab File: BF086838.D

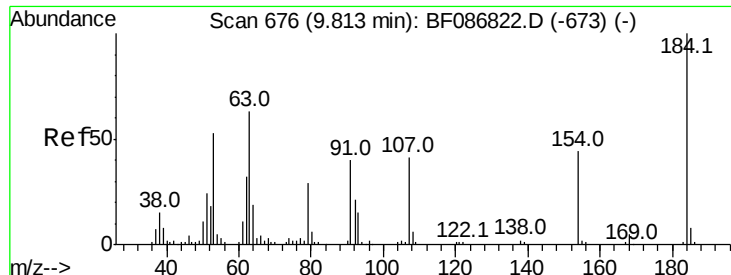
Acq: 9 May 2016 23:31

Tgt Ion:	138	Resp:	241793
Ion Ratio	Lower	Upper	
138	100		
108	11.1	7.8	11.6
92	136.5	87.8	131.8#



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





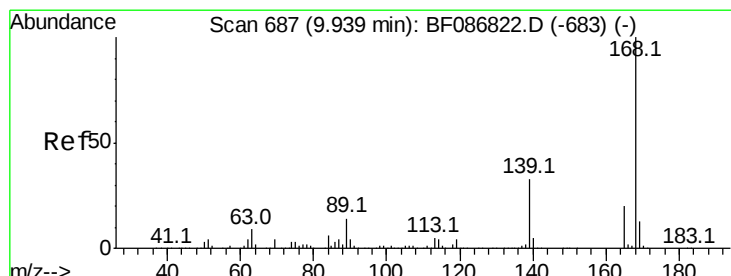
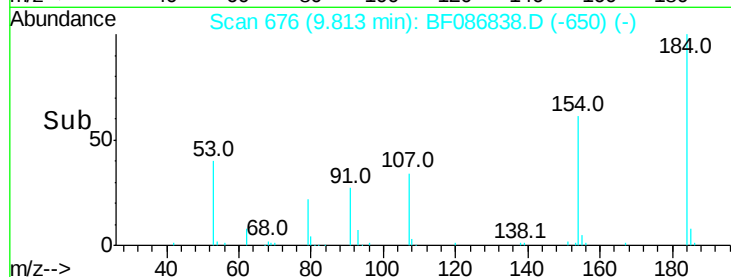
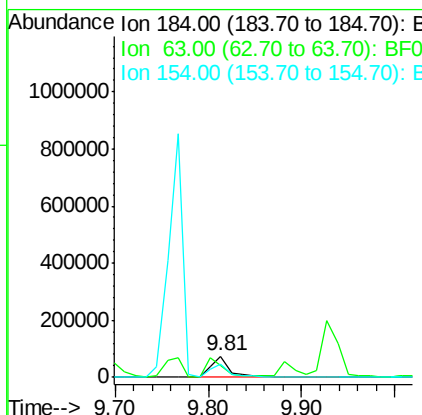
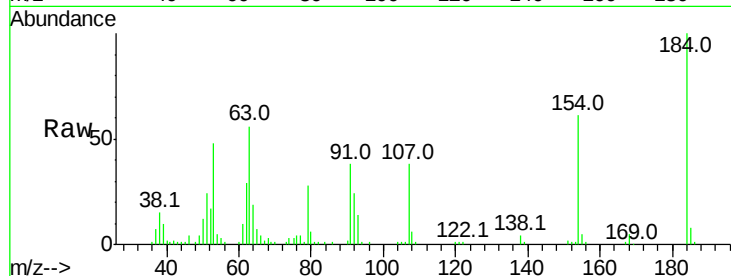
#53
 2,4-Dinitrophenol
 Concen: 37.65 na
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
184	100	105501		
63	56.5		55.8	83.8
154	61.2		62.4	93.6#

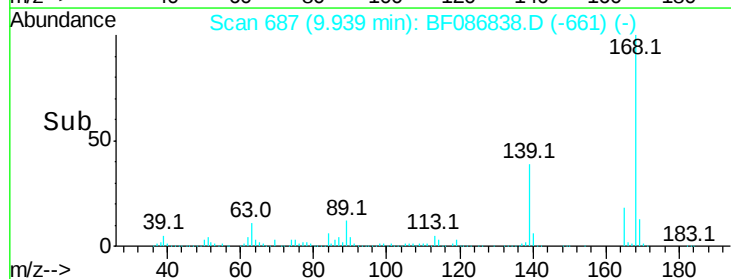
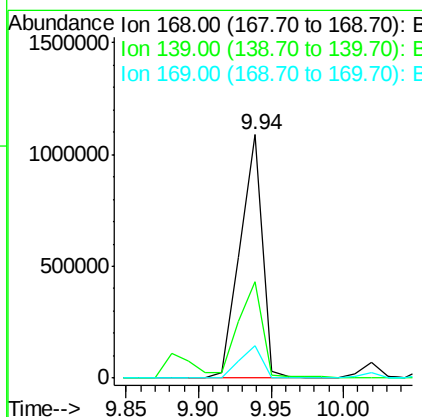
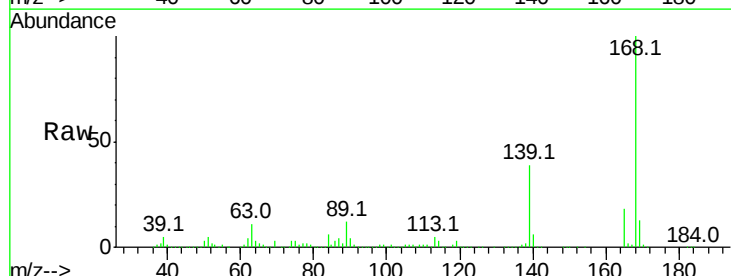
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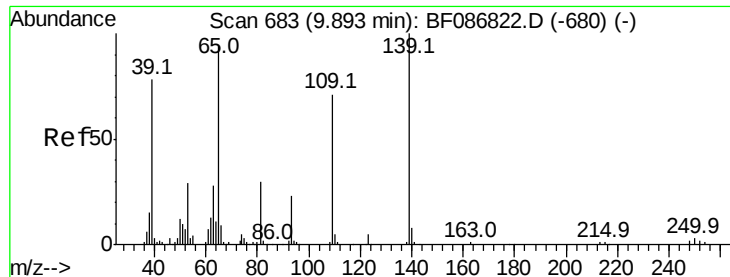
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#54
 Dibenzofuran
 Concen: 41.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1164154		
139	39.4		31.4	47.0
169	13.3		10.7	16.1





#55

4-Nitrophenol

Concen: 40.63 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

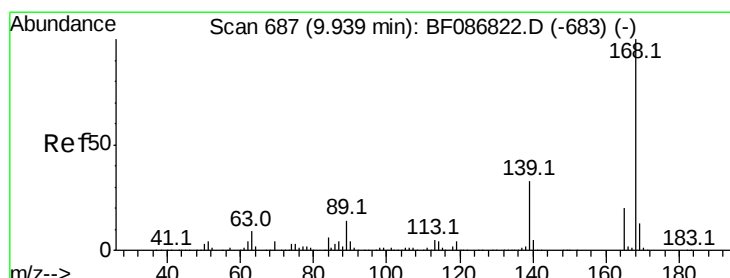
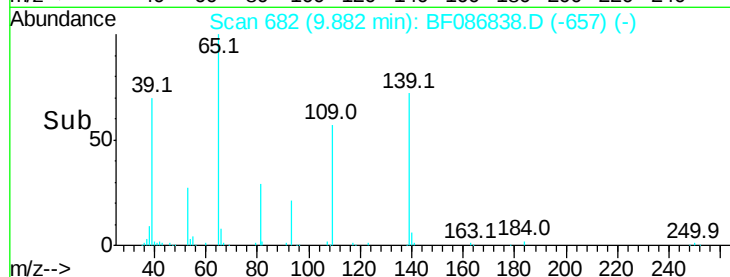
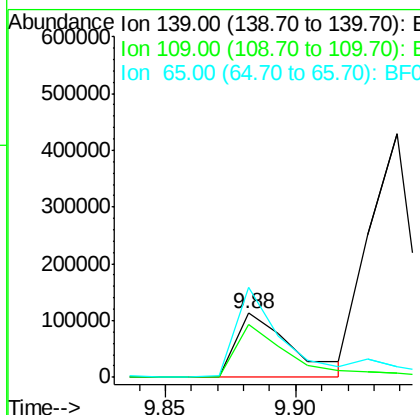
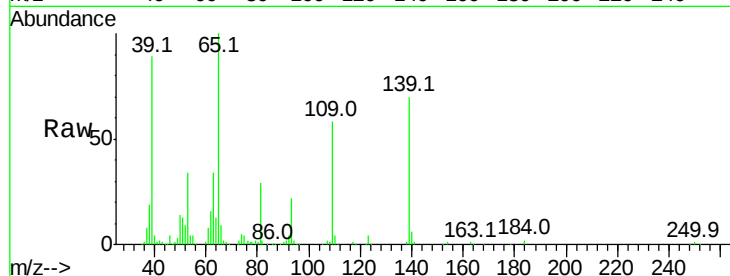
ClientSampleId :

TP4-6-7FT

Tot Ion:	139	Resp:	167214
Ion Ratio	Lower	Upper	
139	100		
109	82.8	36.9	76.9#
65	141.9	64.0	104.0#

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#56

2,4-Dinitrotoluene

Concen: 37.62 ng

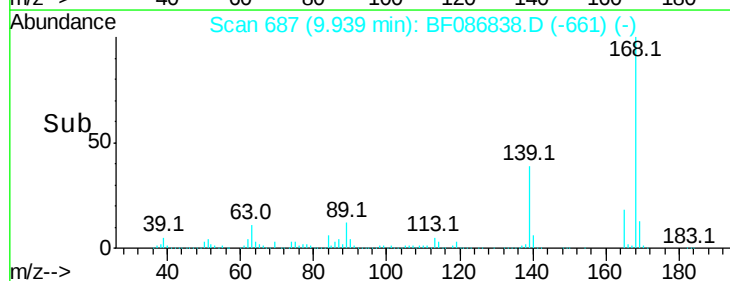
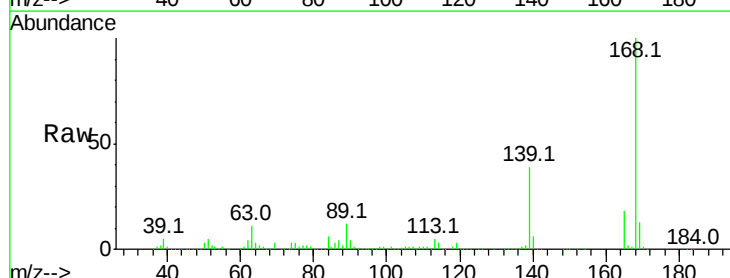
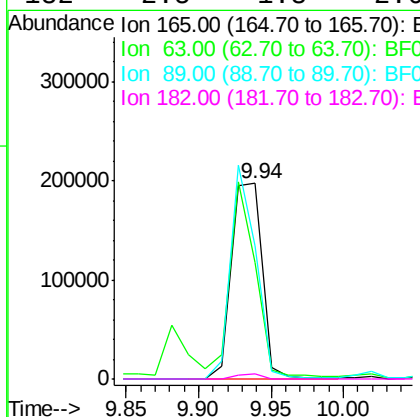
RT: 9.94 min Scan# 687

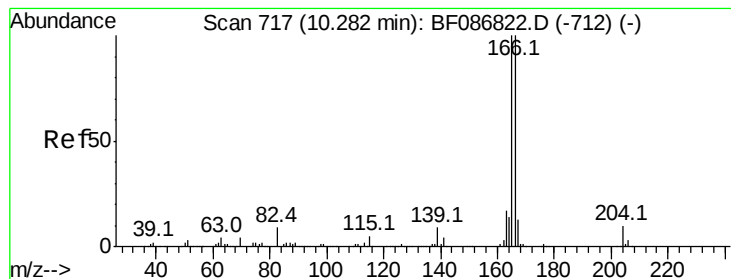
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	165	Resp:	289961
Ion Ratio	Lower	Upper	
165	100		
63	59.8	44.3	66.5
89	68.0	70.0	105.0#
182	2.5	1.8	2.6





#57

Fluorene

Concen: 39.81 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

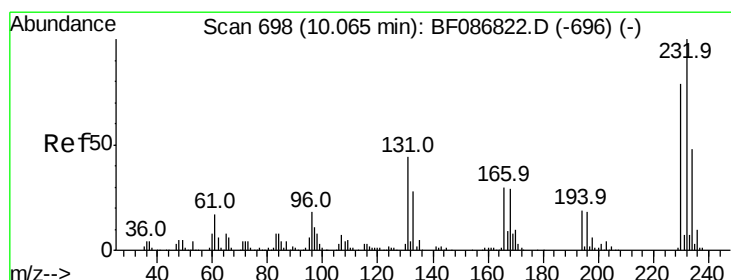
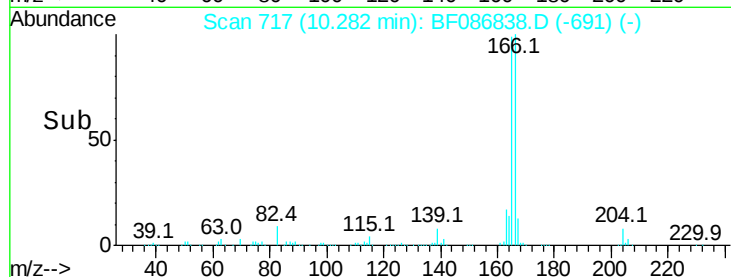
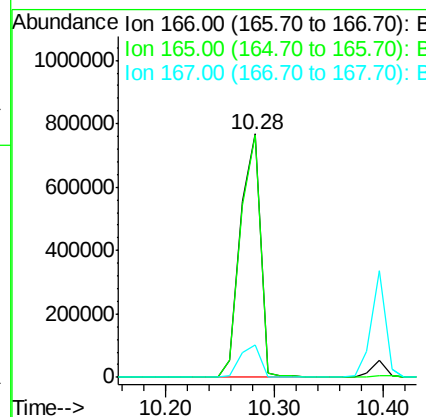
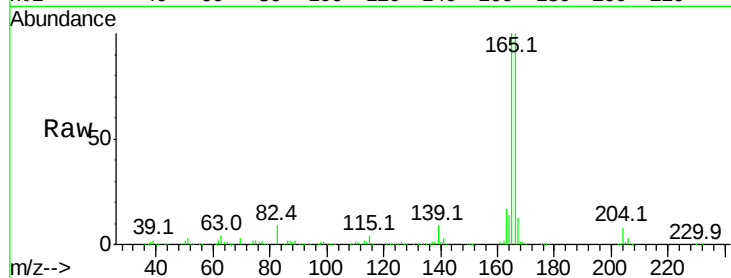
ClientSampled :

TP4-6-7FT

Tot Ion:	166	Resp:	963939
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.0	118.6
167	13.2	10.6	15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.14 ng

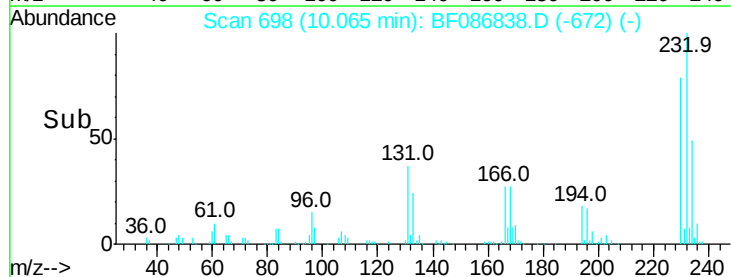
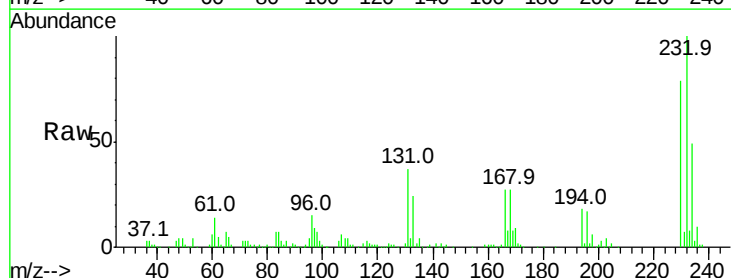
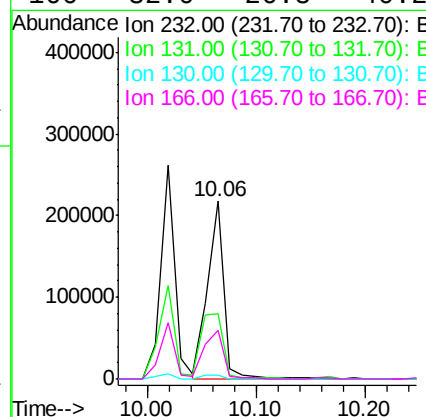
RT: 10.06 min Scan# 698

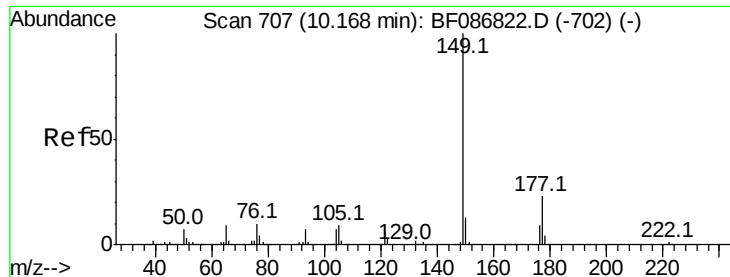
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	232	Resp:	229820
Ion Ratio	Lower	Upper	
232	100		
131	50.7	41.9	62.9
130	2.5	2.2	3.4
166	32.0	26.8	40.2





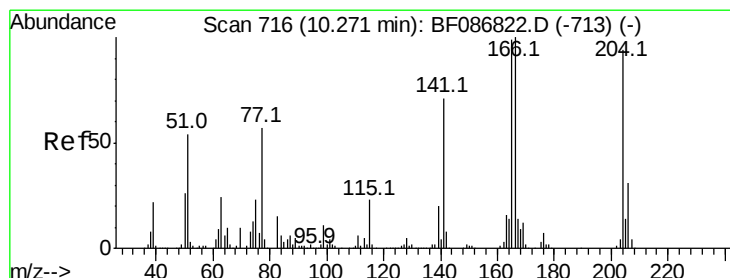
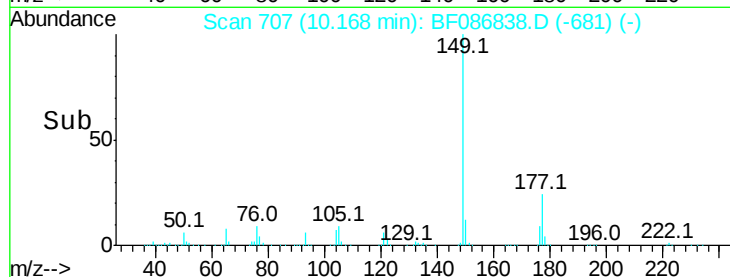
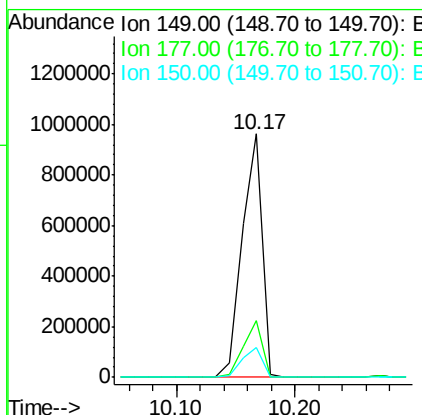
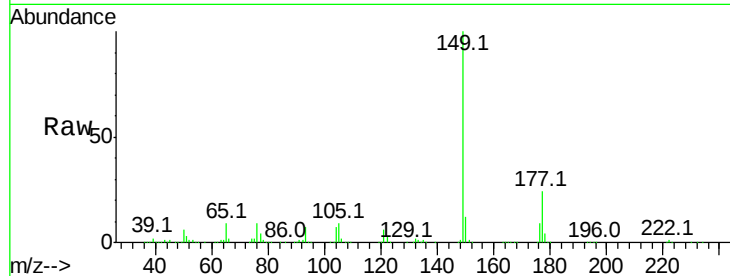
#59
Diethylphthalate
Concen: 39.32 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tot Ion:149 Resp: 1134024
Ion Ratio Lower Upper
149 100
177 23.6 16.6 24.8
150 12.5 10.0 15.0

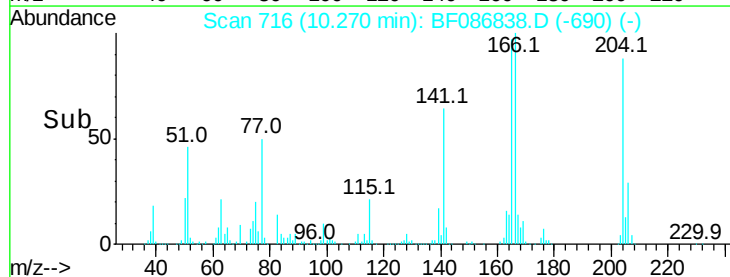
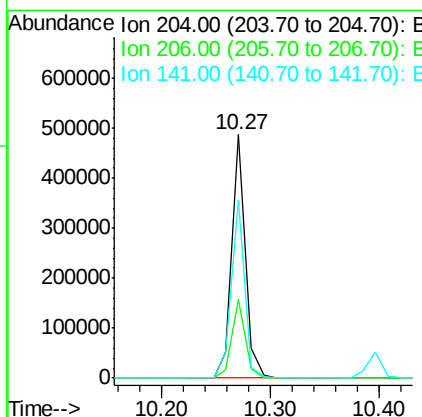
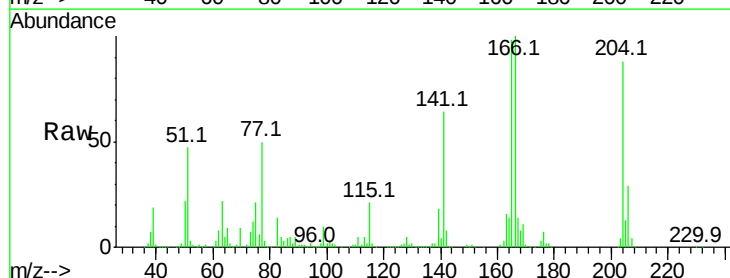
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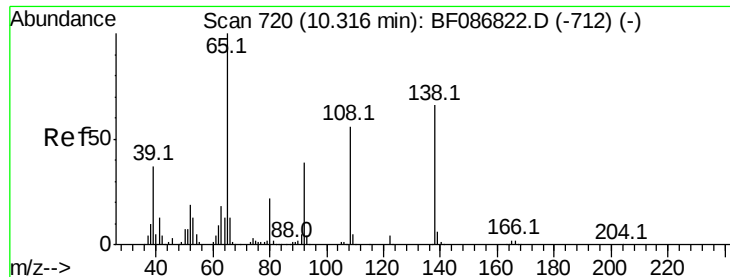
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#60
4-Chlorophenyl-phenylether
Concen: 38.16 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion:204 Resp: 417695
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 73.1 61.6 92.4





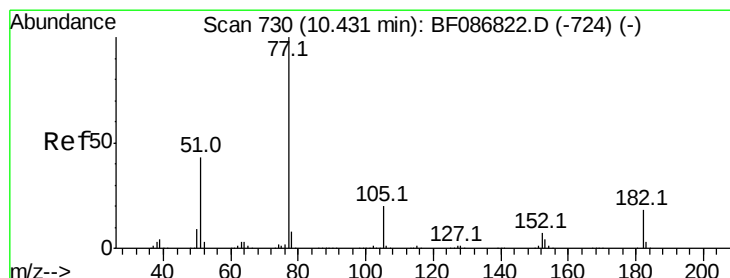
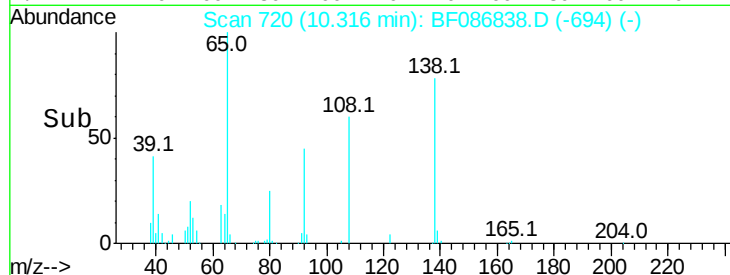
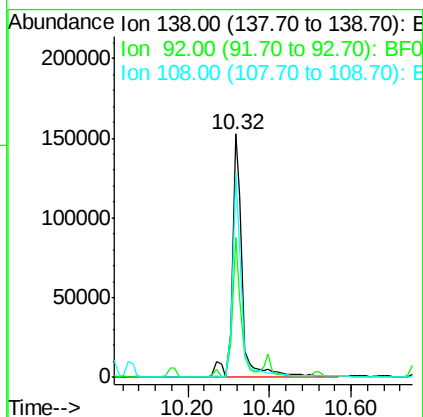
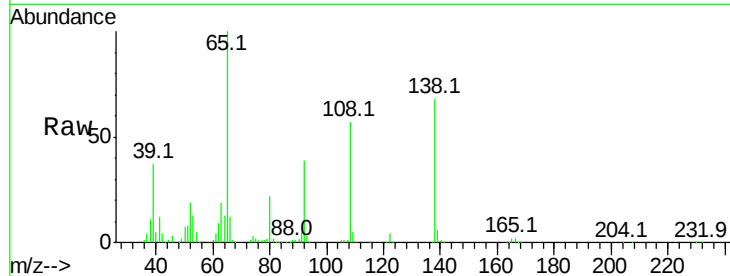
#61
4-Nitroaniline
Concen: 41.82 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.5	24.7	64.7
108	83.8	37.4	77.4

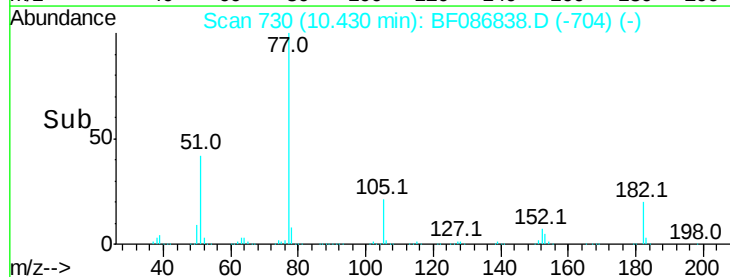
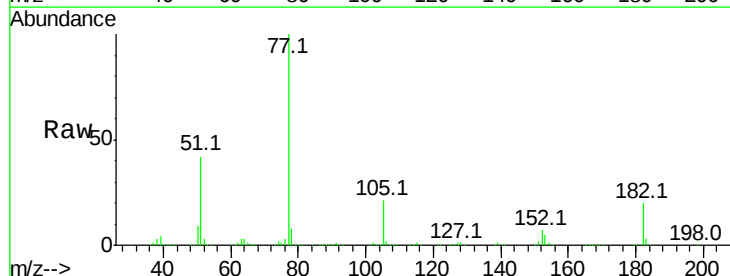
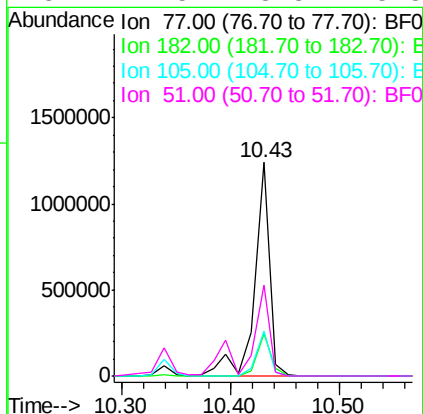
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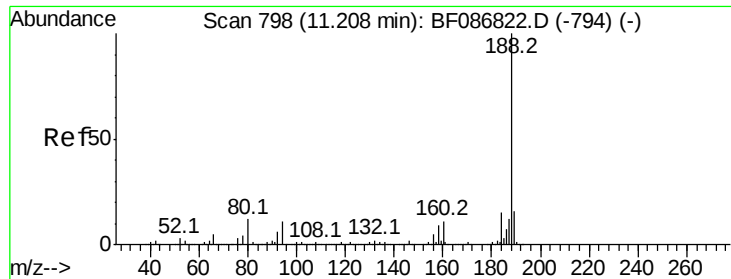
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#62
Azobenzene
Concen: 38.59 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	0.0	38.8
105	21.1	3.2	43.2
51	42.5	8.8	48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

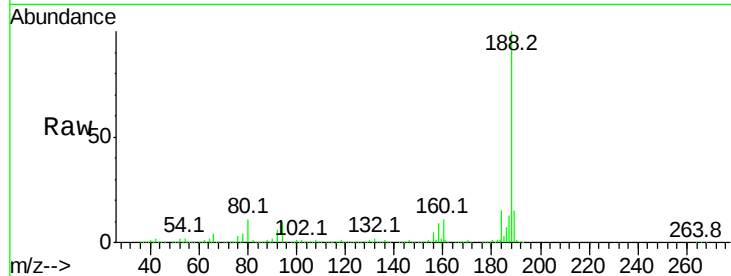
ClientSampleId :

TP4-6-7FT

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	6.8	10.2#
80	11.1	7.1	10.7#

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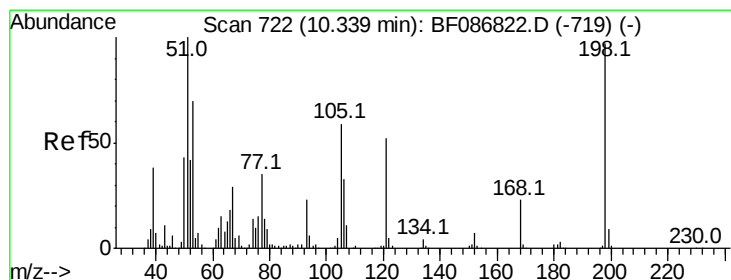
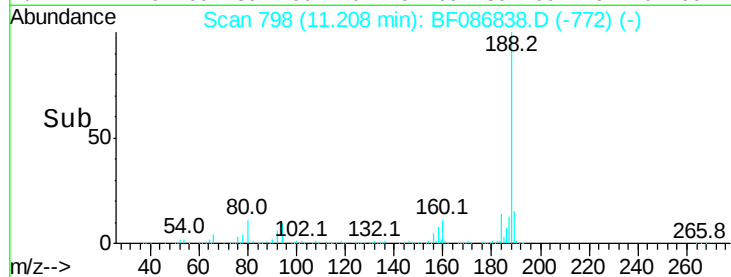
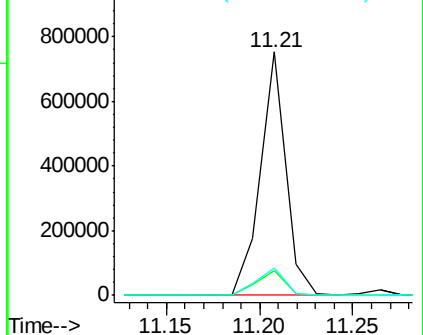
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.78 ng

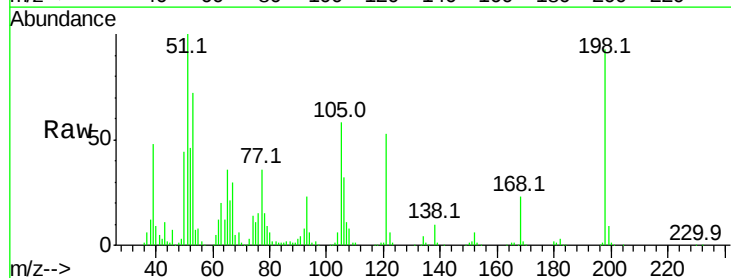
RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

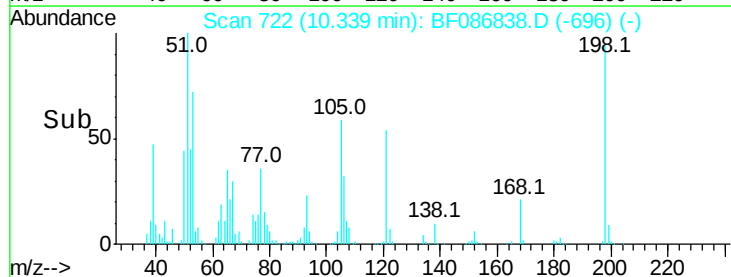
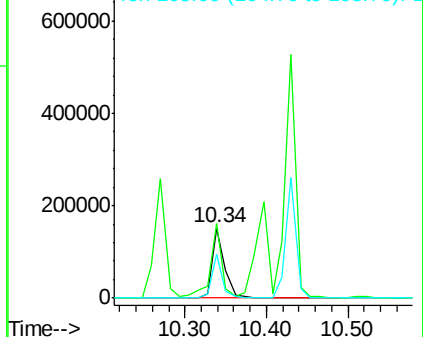
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	107.2	20.5	60.5#
105	62.7	24.5	64.5

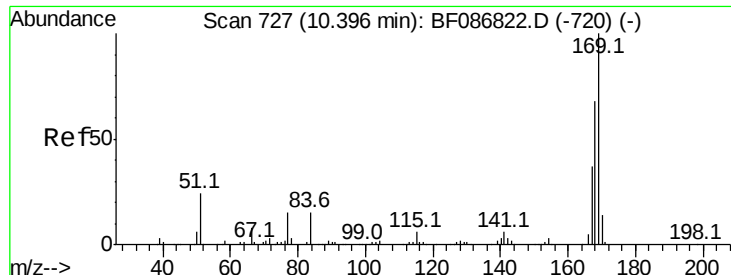


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.57 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

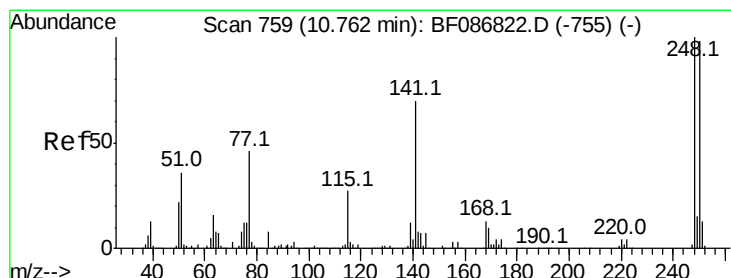
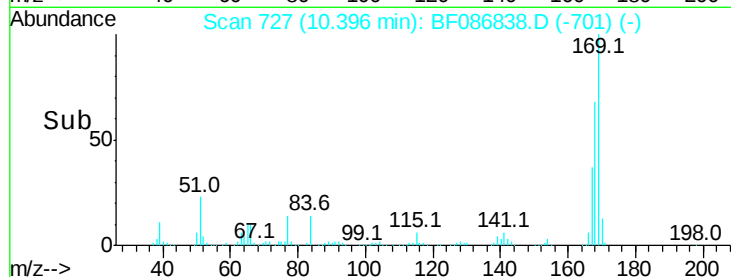
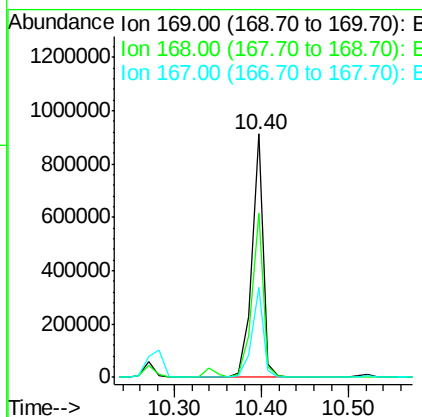
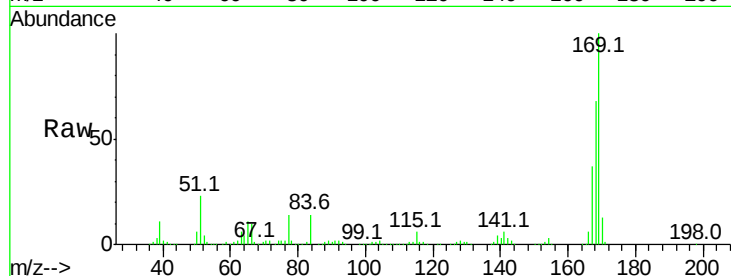
ClientSampleId :

TP4-6-7FT

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Tot Ion:	169	Resp:	840265
Ion Ratio	Lower	Upper	
169	100		
168	67.7	53.8	80.6
167	37.0	29.5	44.3



#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

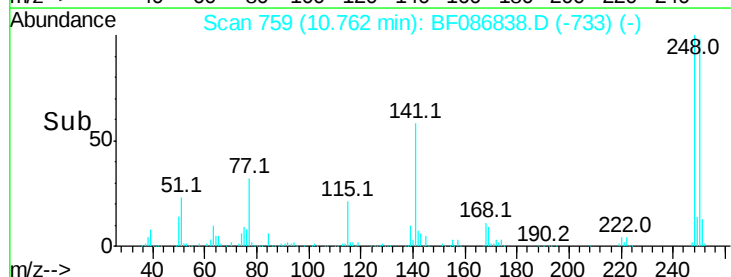
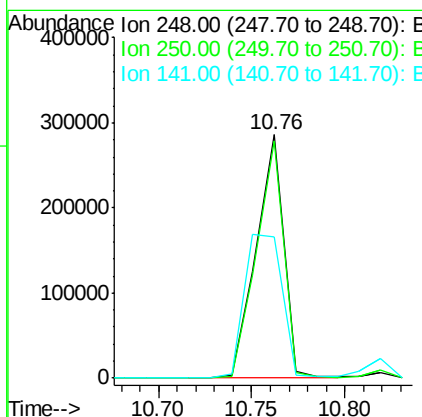
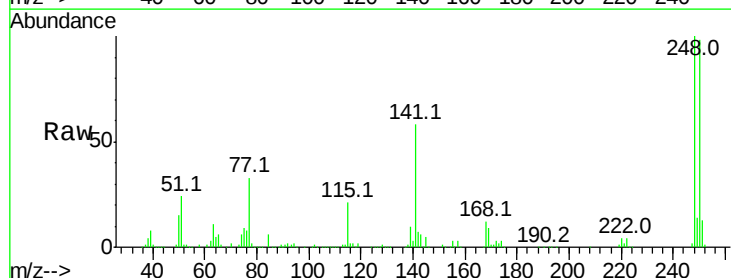
RT: 10.76 min Scan# 759

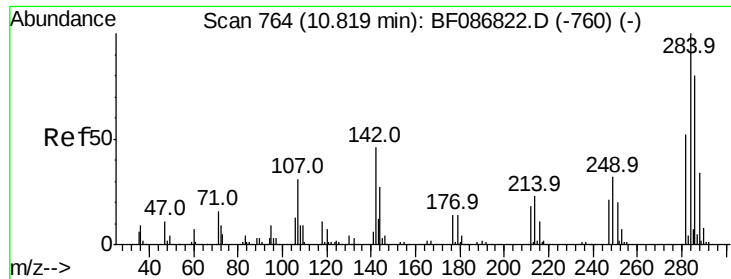
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	248	Resp:	291566
Ion Ratio	Lower	Upper	
248	100		
250	97.5	78.6	117.8
141	57.8	76.0	114.0#





#67

Hexachlorobenzene

Concen: 35.86 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

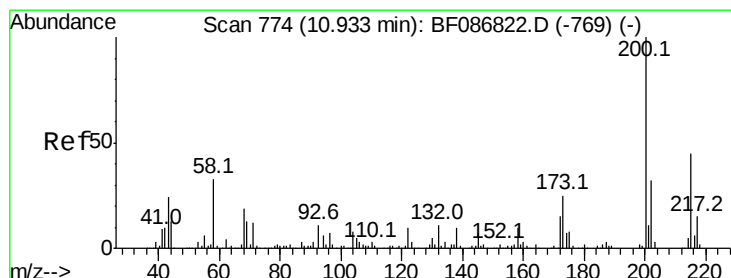
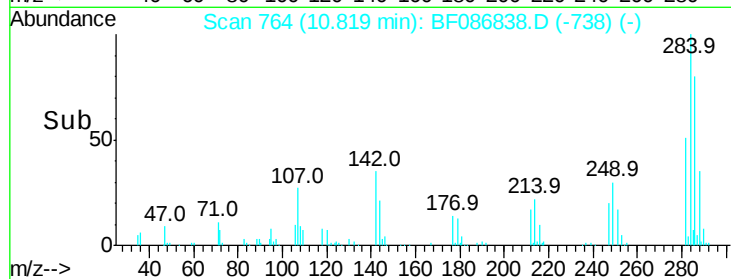
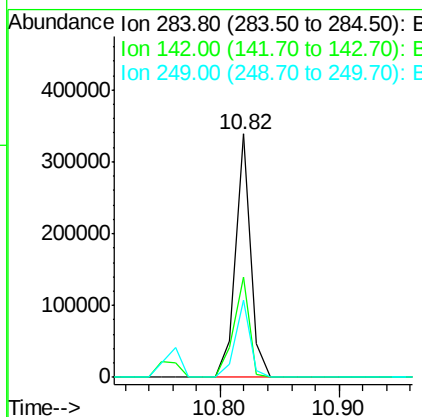
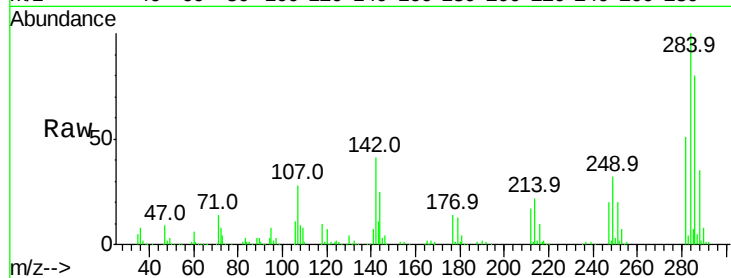
ClientSampleId :

TP4-6-7FT

Tot Ion:	284	Resp:	301320
Ion Ratio	Lower	Upper	
284	100		
142	41.3	16.7	25.1#
249	31.9	21.3	31.9#

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#68

Atrazine

Concen: 38.02 ng

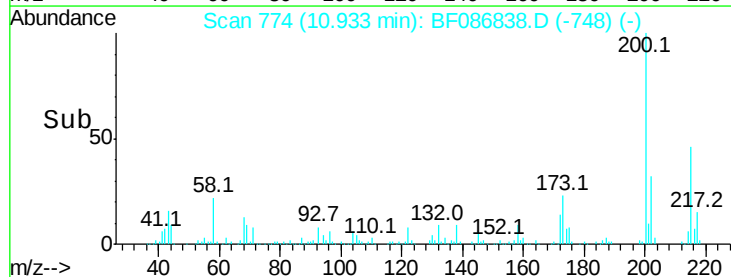
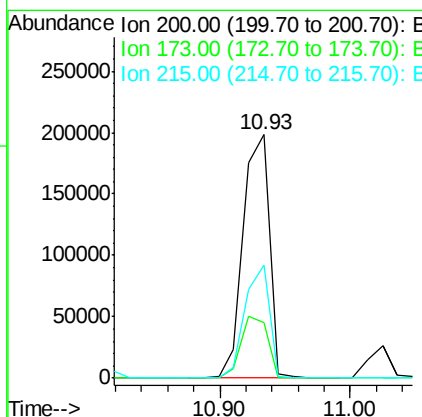
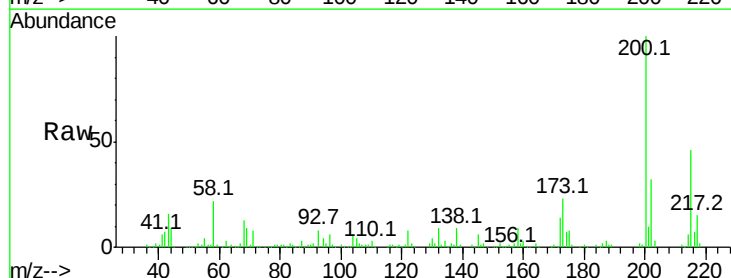
RT: 10.93 min Scan# 774

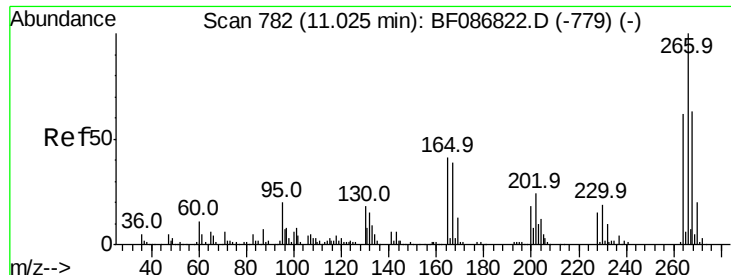
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	200	Resp:	276702
Ion Ratio	Lower	Upper	
200	100		
173	23.0	8.5	48.5
215	46.3	27.2	67.2





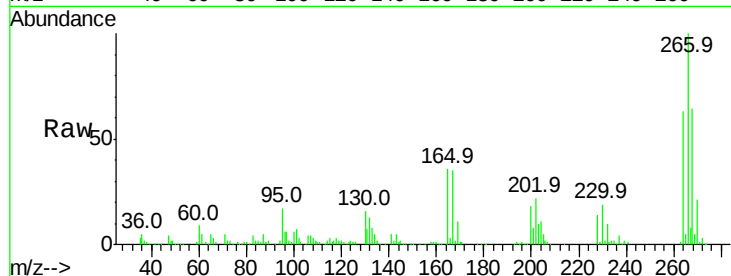
#69
 Pentachlorophenol
 Concen: 42.69 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

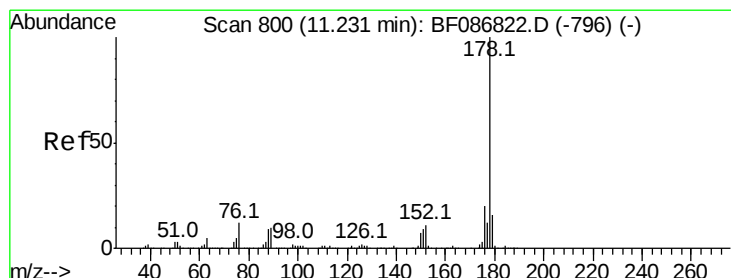
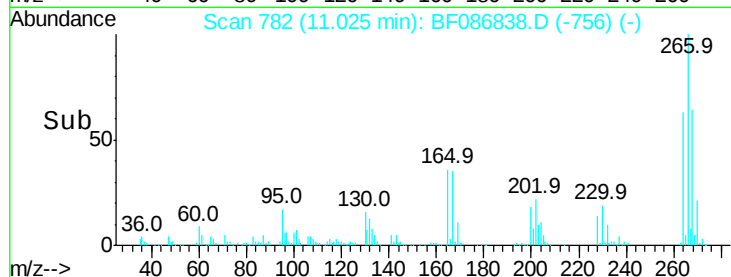
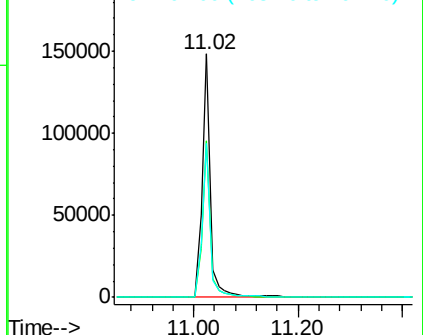
Tot Ion	Ratio	Resp	Lower	Upper
266	100	165778		
268	64.1	51.5	77.3	
264	63.4	52.9	79.3	

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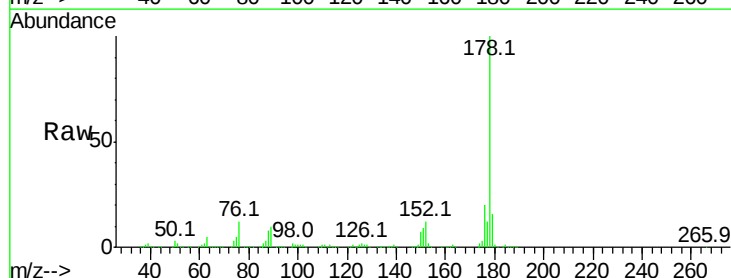


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

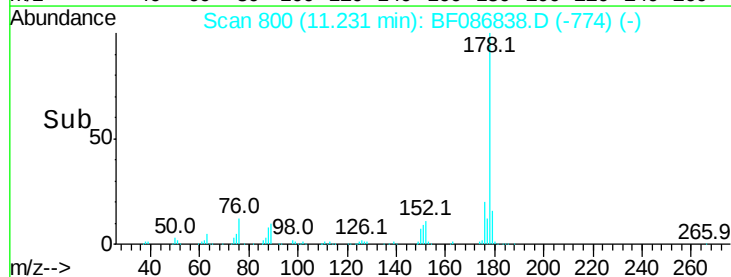
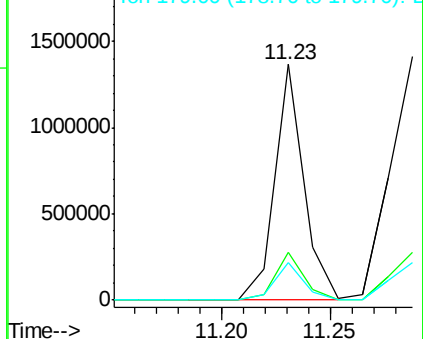


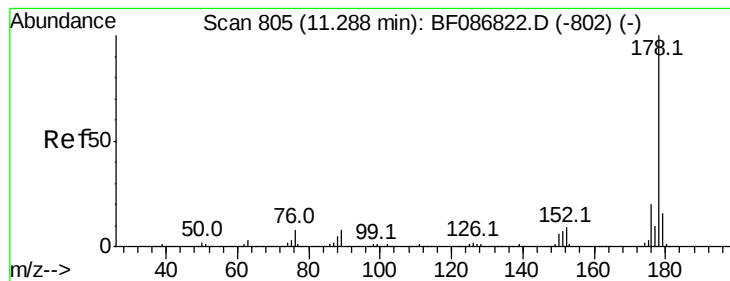
#70
 Phenanthrene
 Concen: 33.83 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1280376		
176	20.2	16.0	24.0	
179	16.0	12.6	18.8	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.62 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

Tot Ion:178 Resp: 1533326

Ion Ratio Lower Upper

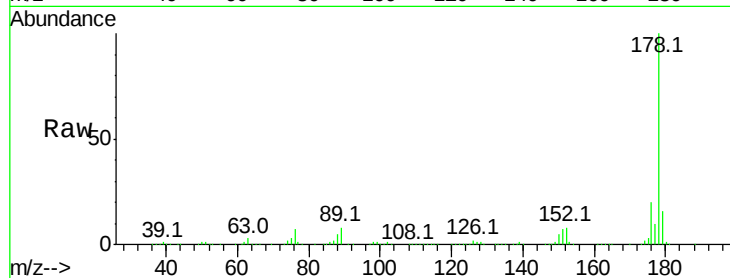
178 100

176 19.5 15.6 23.4

179 15.7 12.7 19.1

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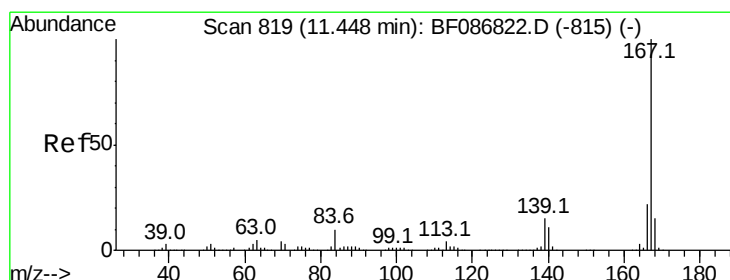
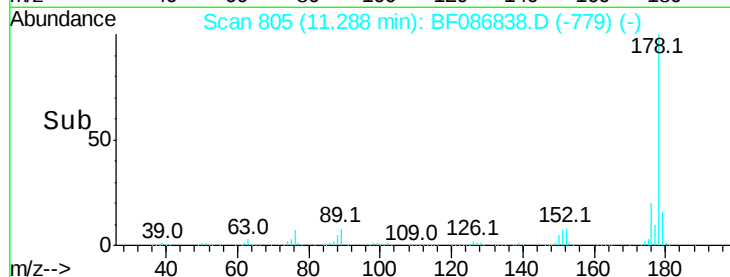
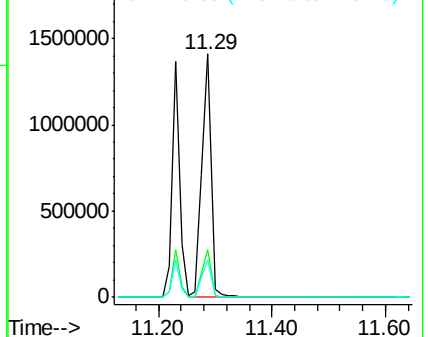
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.93 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

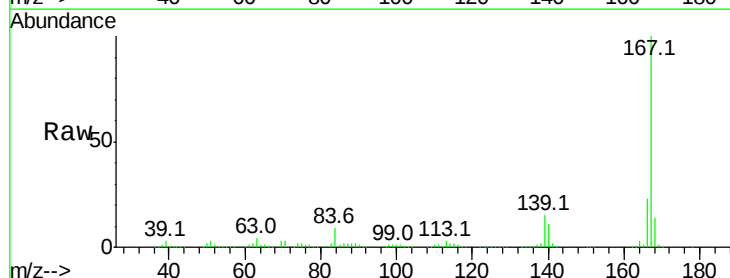
Tgt Ion:167 Resp: 1295204

Ion Ratio Lower Upper

167 100

166 22.8 17.7 26.5

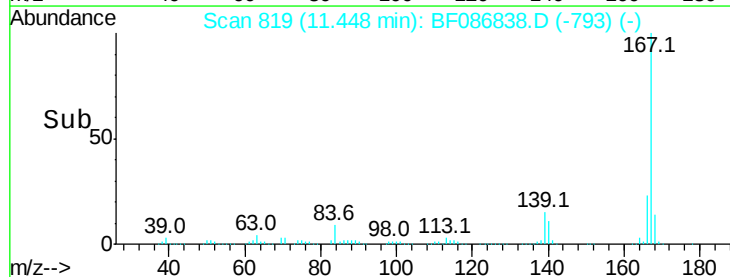
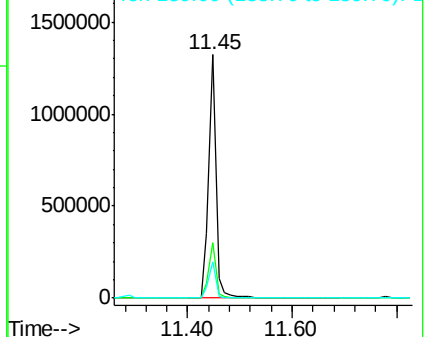
139 14.6 10.8 16.2

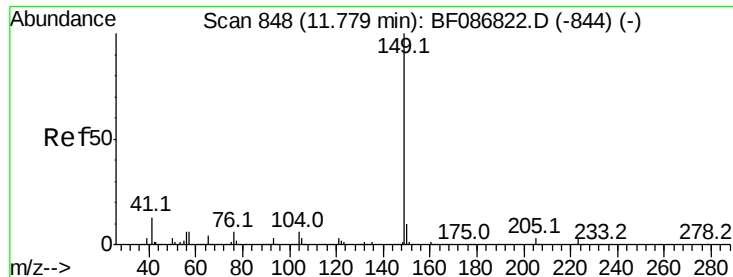


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.79 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

ClientSampleId :

TP4-6-7FT

Tot Ion:149 Resp: 1616789

Ion Ratio Lower Upper

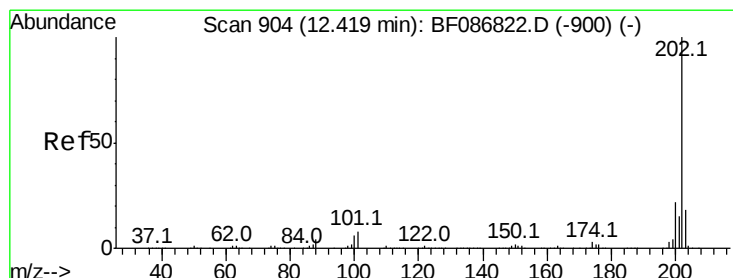
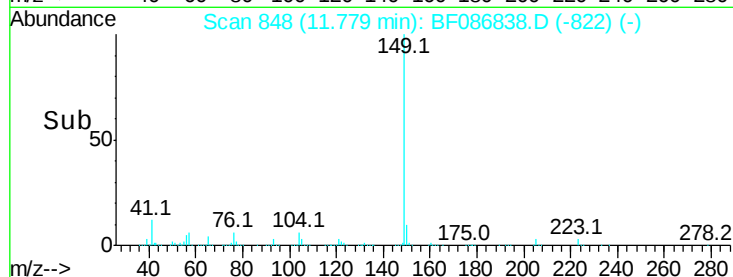
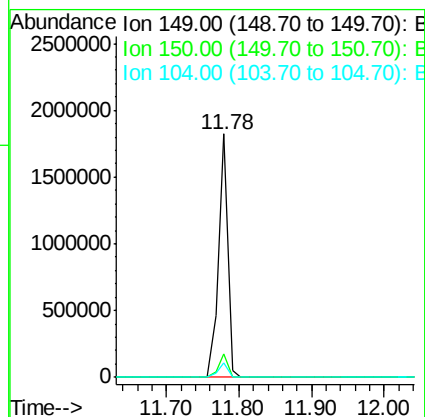
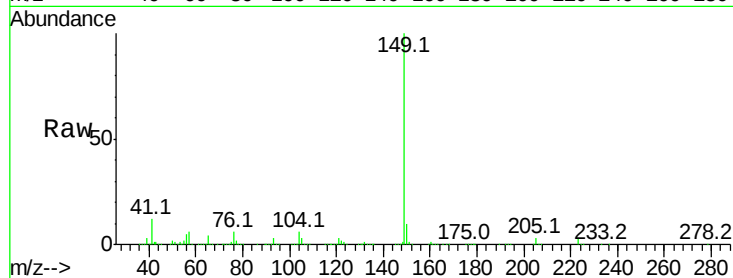
149 100

150 9.6 7.6 11.4

104 5.8 3.8 5.6#

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#74

Fluoranthene

Concen: 37.03 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

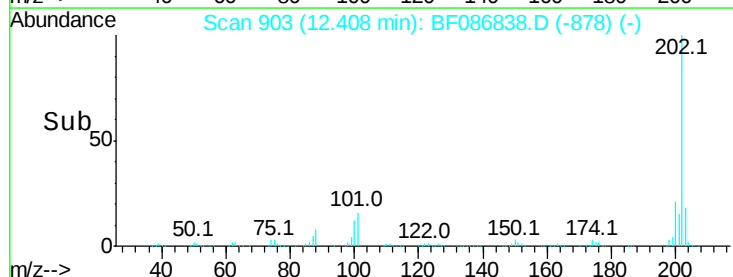
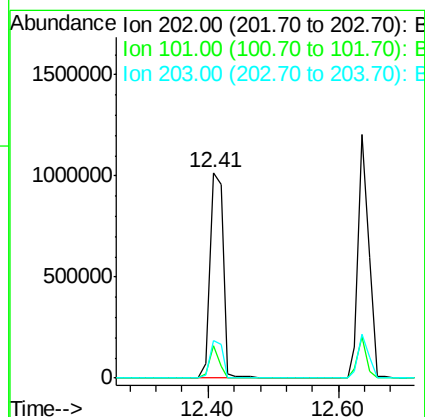
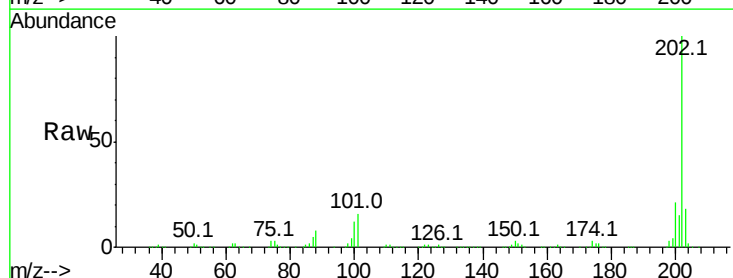
Tgt Ion:202 Resp: 1441438

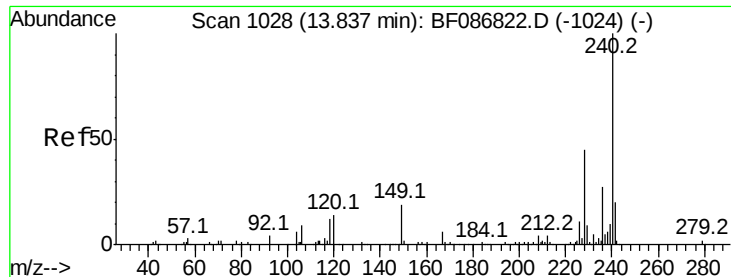
Ion Ratio Lower Upper

202 100

101 16.0 0.0 35.4

203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

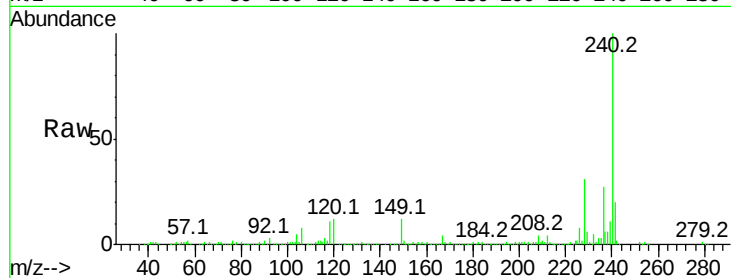
ClientSampleId :

TP4-6-7FT

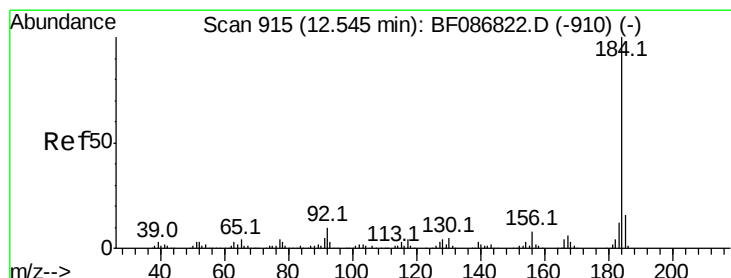
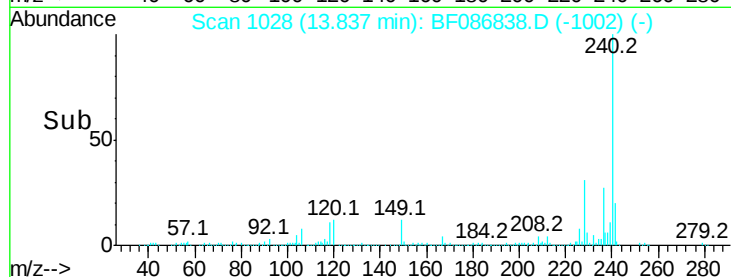
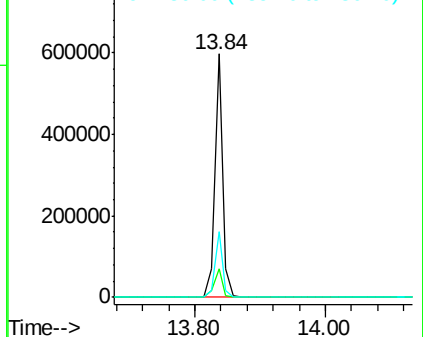
Tot Ion:	240	Resp:	517959
Ion Ratio	Lower	Upper	
240	100		
120	12.0	11.2	16.8
236	27.1	21.2	31.8

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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: 40.08 ng

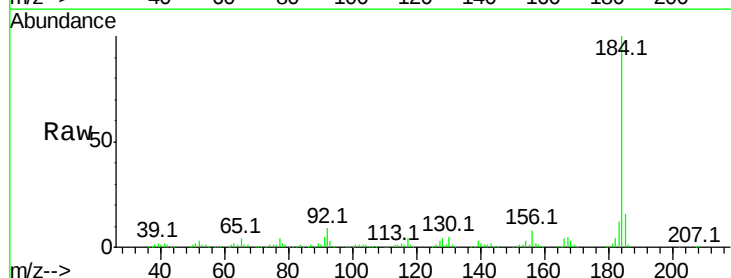
RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

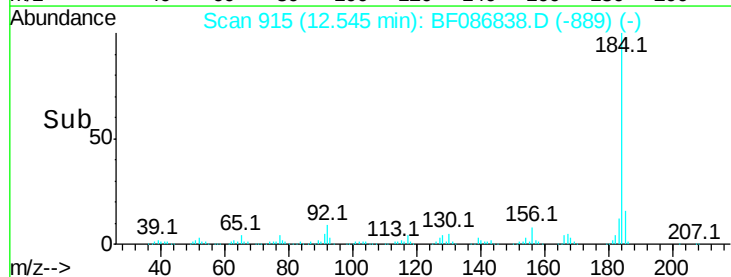
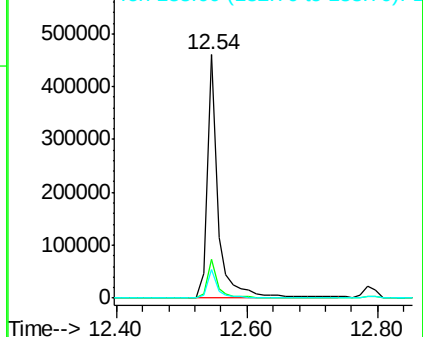
Lab File: BF086838.D

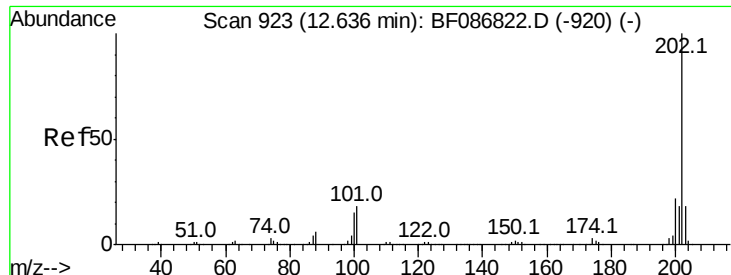
Acq: 9 May 2016 23:31

Tgt Ion:	184	Resp:	529218
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.6	20.4
183	11.7	9.8	14.6



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





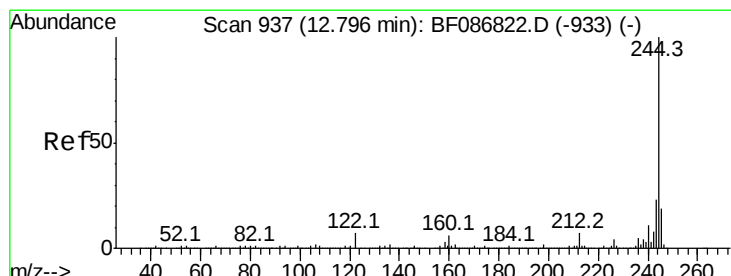
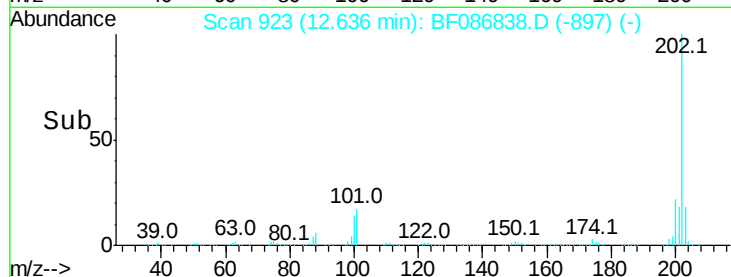
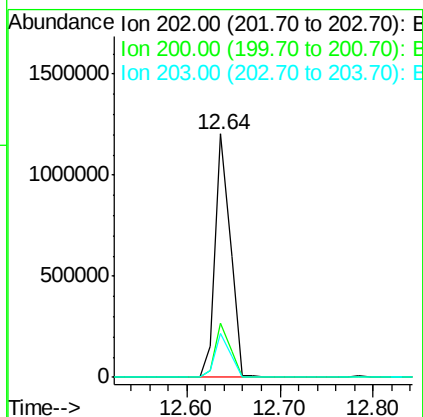
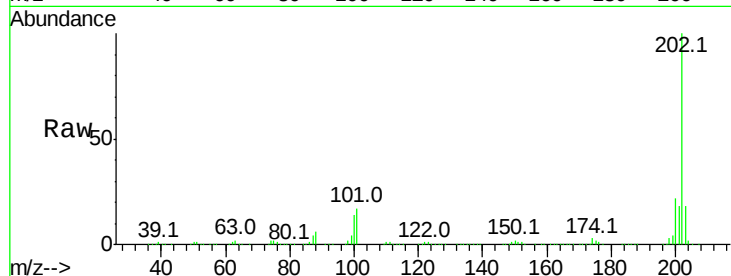
#77
Pvrene
Concen: 34.31 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleId :
TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.0	14.2	21.4

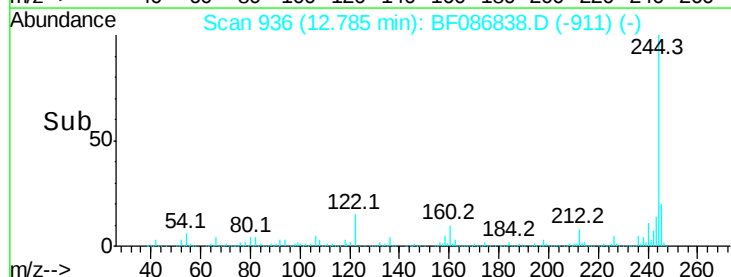
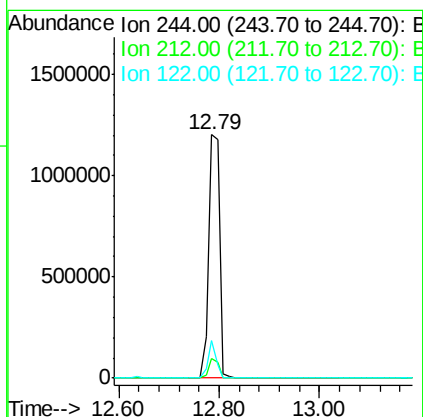
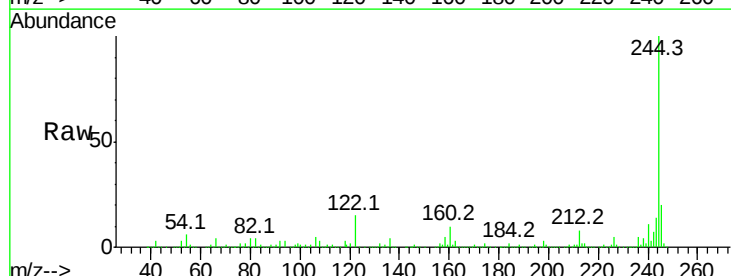
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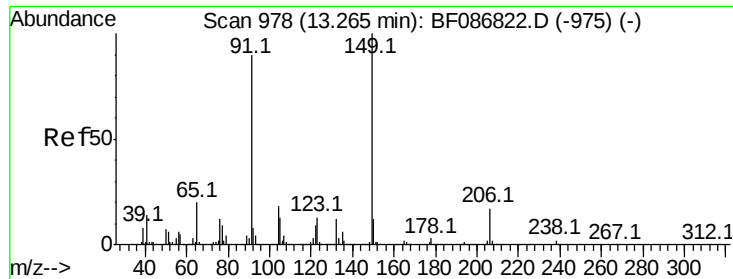
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#78
Terphenyl-d14
Concen: 74.00 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	15.2	12.0	18.0





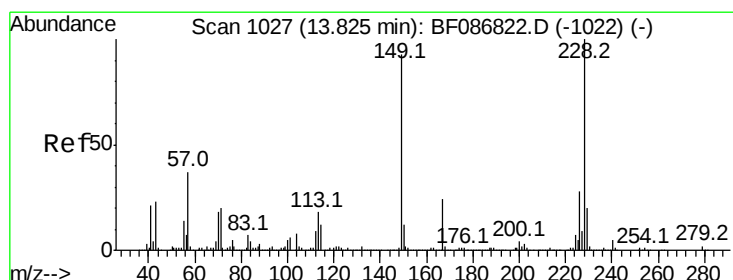
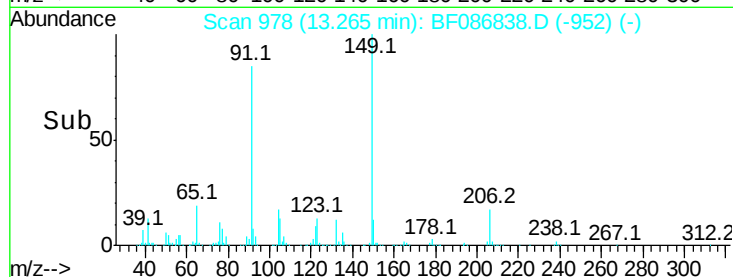
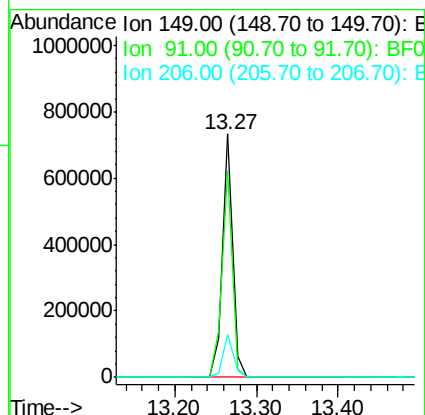
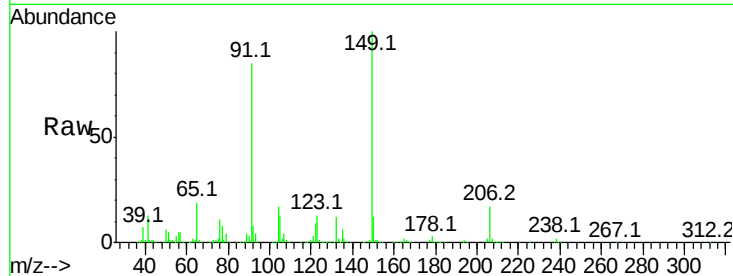
#79
Butylbenzylphthalate
Concen: 37.73 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Instrument :
BNA_F
ClientSampleID :
TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
149	100	632766		
91	84.8	48.0	72.0#	
206	17.3	15.8	23.6	

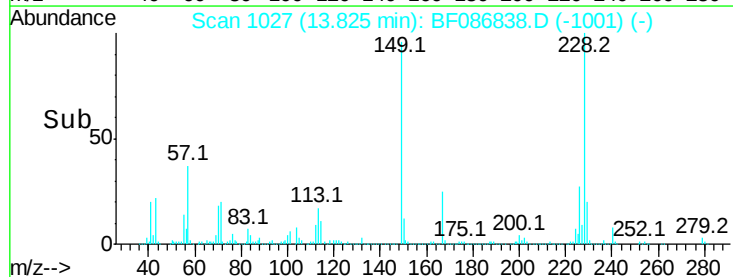
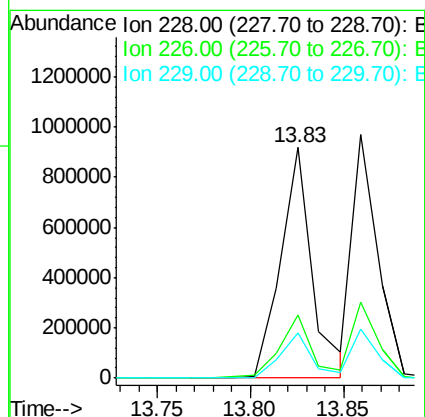
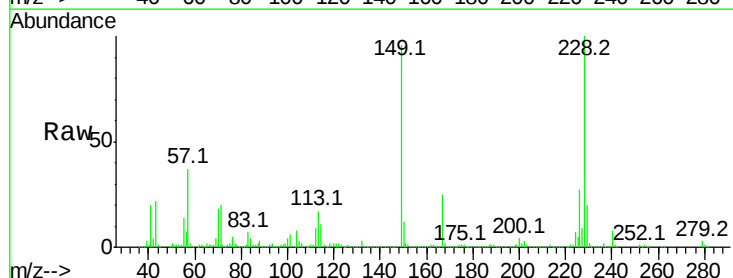
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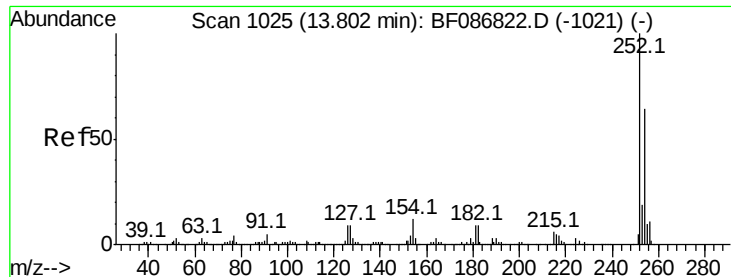
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#80
Benzo(a)anthracene
Concen: 37.10 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF086838.D
Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1078765		
226	27.4	22.5	33.7	
229	19.8	16.6	25.0	





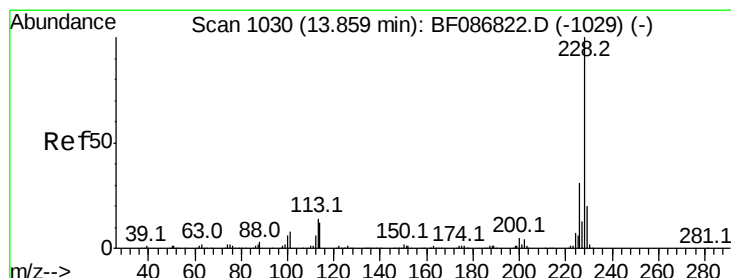
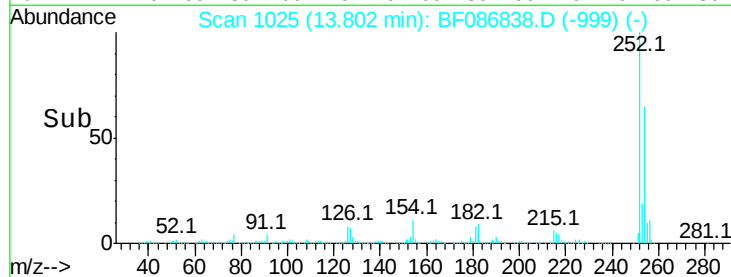
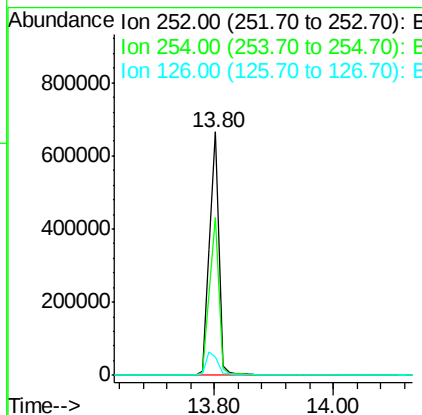
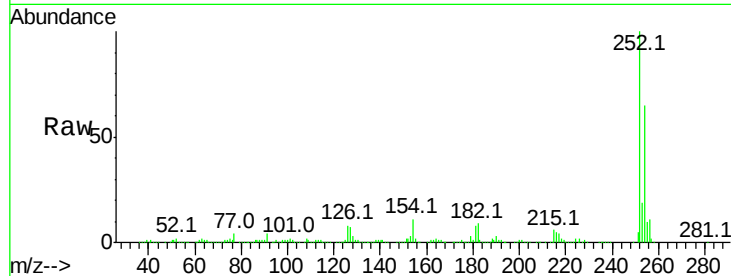
#81
 3,3'-Dichlorobenzidine
 Concen: 40.33 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.7	76.1
126	7.5	12.7	19.1

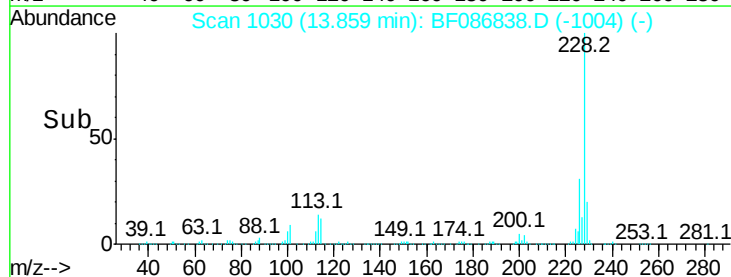
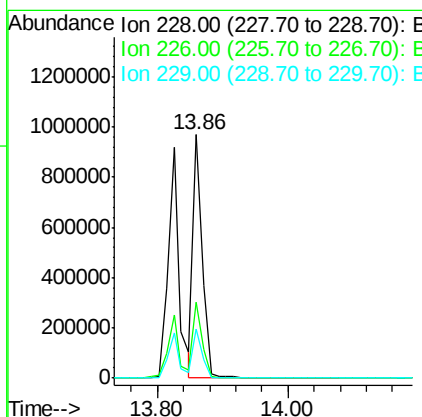
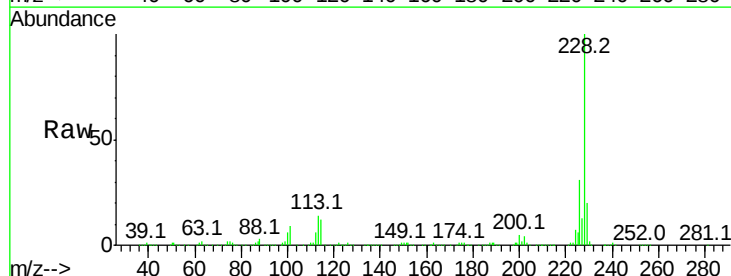
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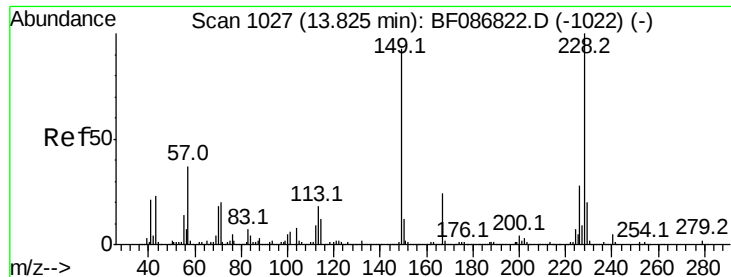
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#82
 Chrysene
 Concen: 32.17 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.4	36.6
229	20.2	15.8	23.8





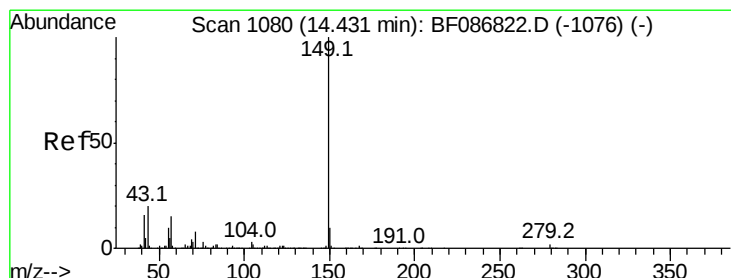
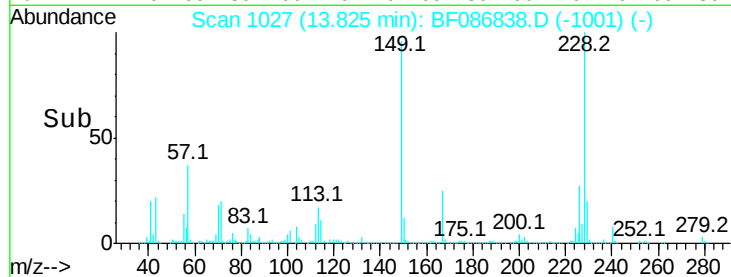
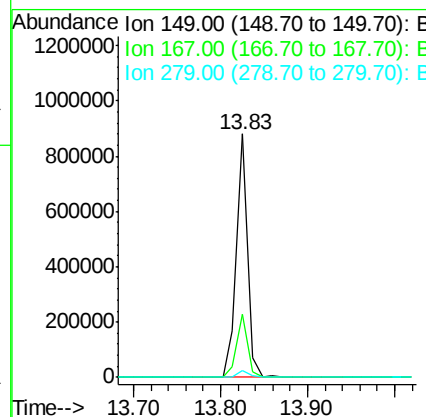
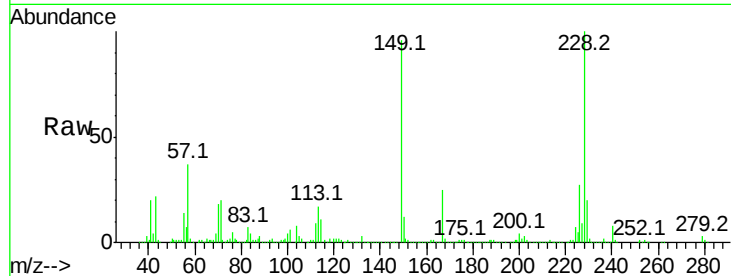
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.59 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
149	100	778646		
167	25.9		21.8	32.6
279	3.0		2.6	4.0

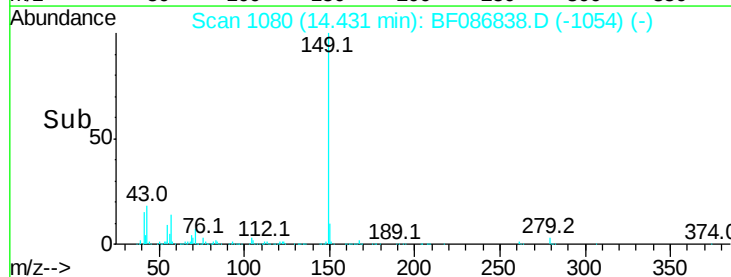
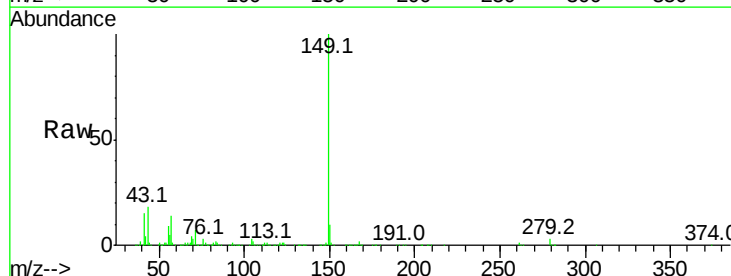
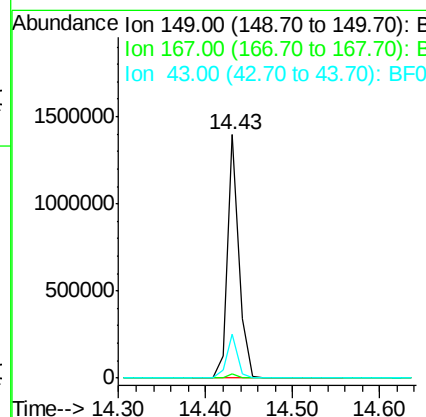
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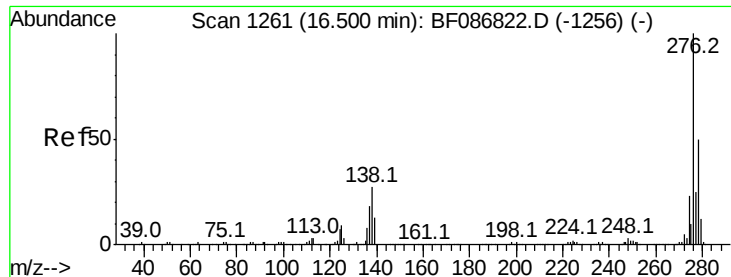
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#84
 Di-n-octyl phthalate
 Concen: 38.77 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1295655		
167	1.6		1.2	1.8
43	17.4		8.2	12.4#





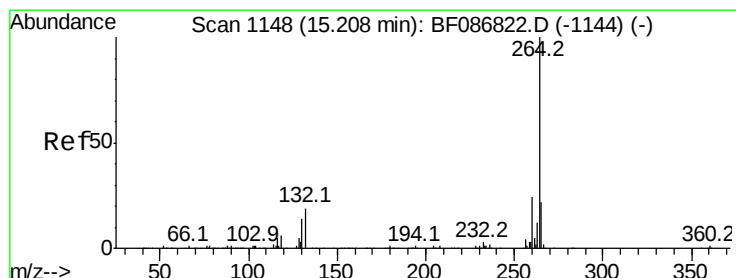
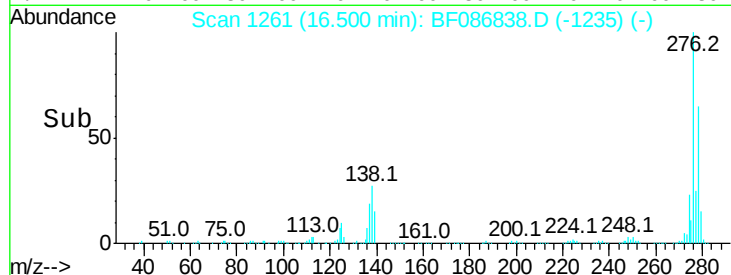
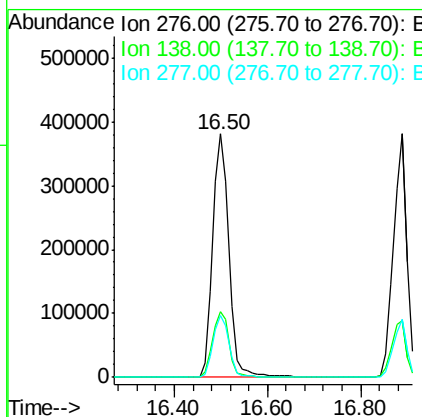
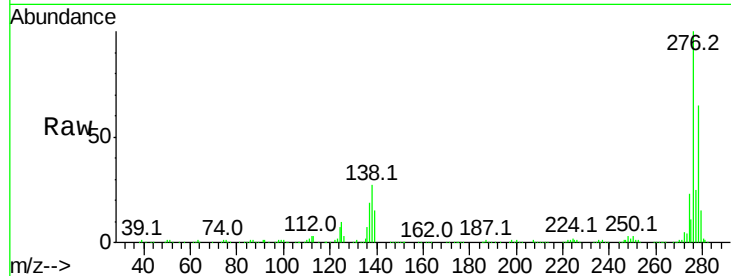
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.68 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleID :
 TP4-6-7FT

Tot Ion	Ratio	Resp	Lower	Upper
276	100	927317		
138	27.7		25.6	38.4
277	25.3		20.5	30.7

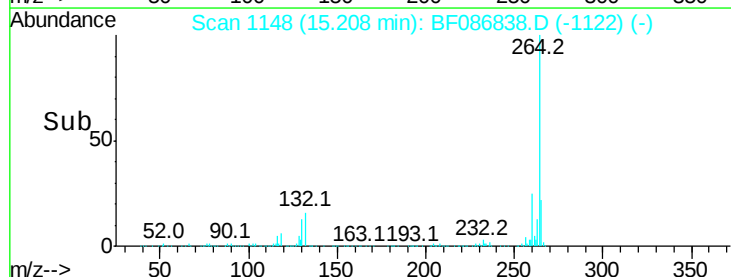
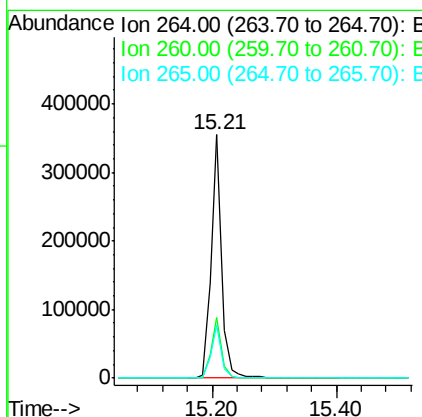
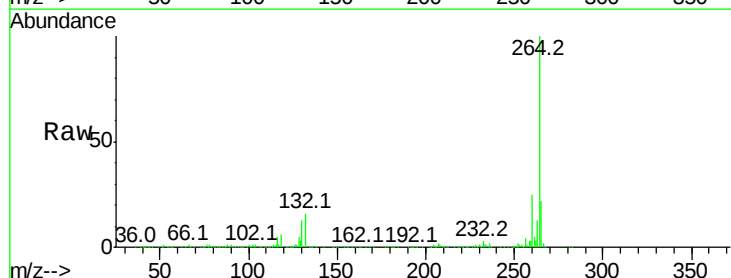
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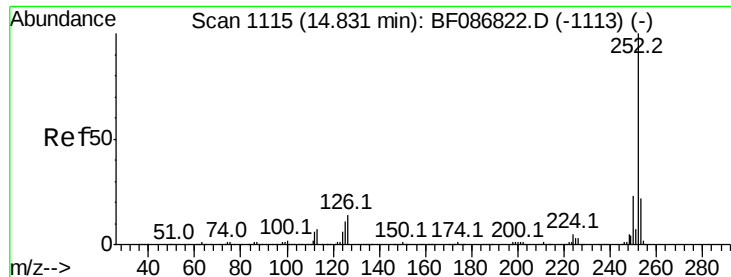
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	411277		
260	24.9		19.5	29.3
265	21.9		17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.83 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

ClientSampled :

TP4-6-7FT

Tot Ion:252 Resp: 1011243

Ion Ratio Lower Upper

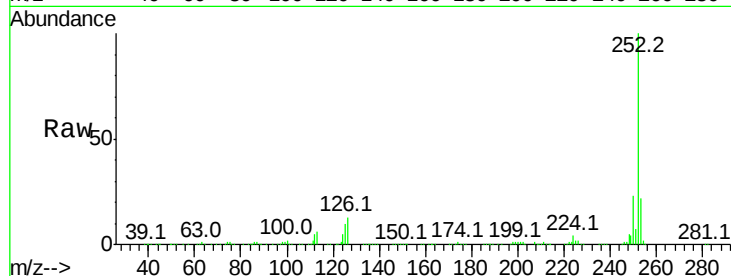
252 100

253 22.4 17.8 26.6

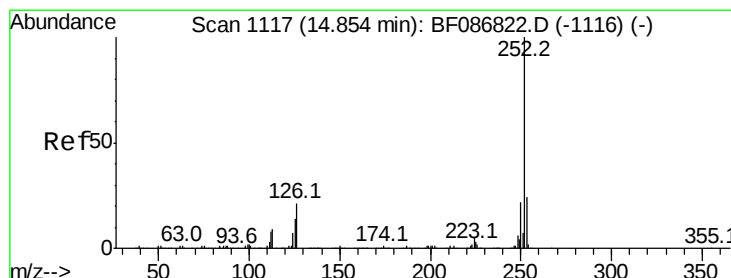
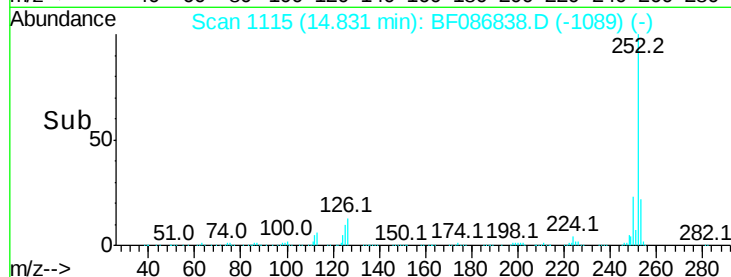
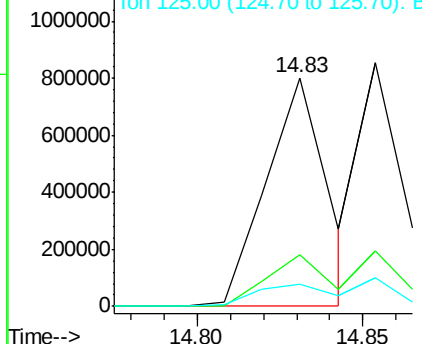
125 9.5 11.4 17.0#

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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



#88

Benzo(k)fluoranthene

Concen: 36.74 ng m

RT: 14.85 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:252 Resp: 804045

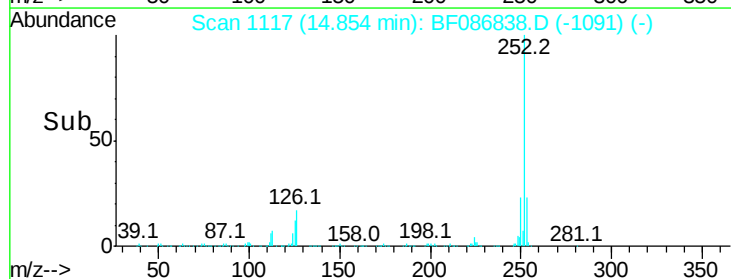
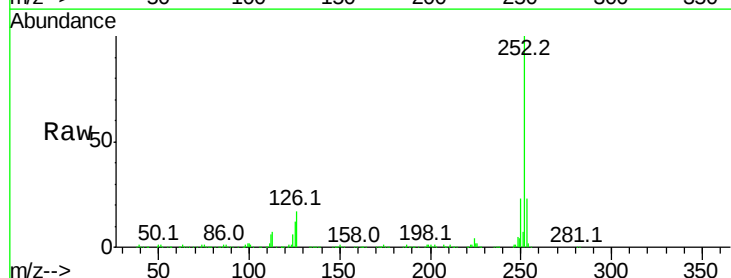
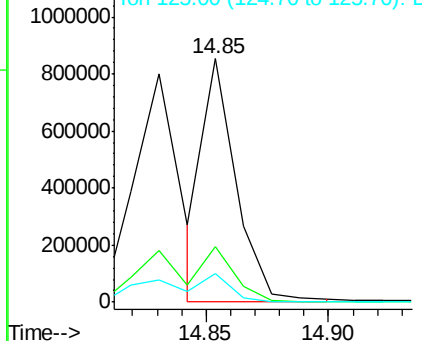
Ion Ratio Lower Upper

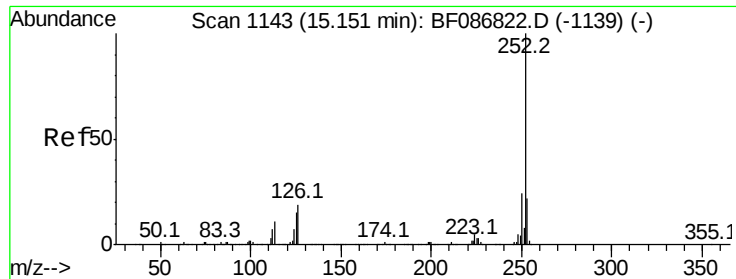
252 100

253 22.8 17.8 26.6

125 11.8 9.1 13.7

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





#89

Benzo(a)pyrene

Concen: 36.57 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Instrument :

BNA_F

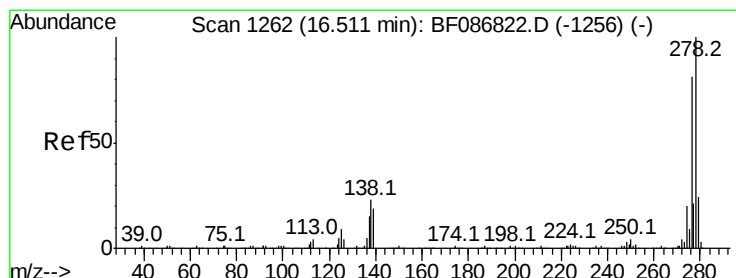
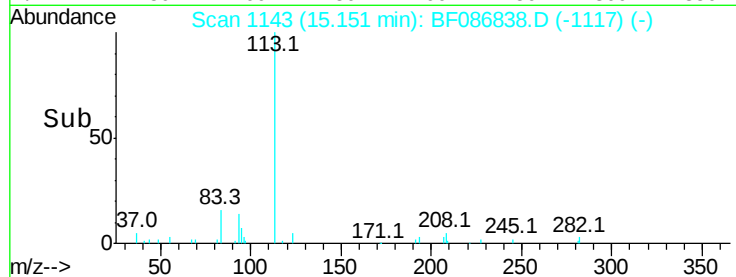
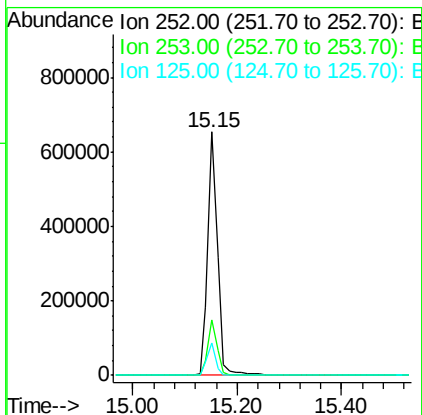
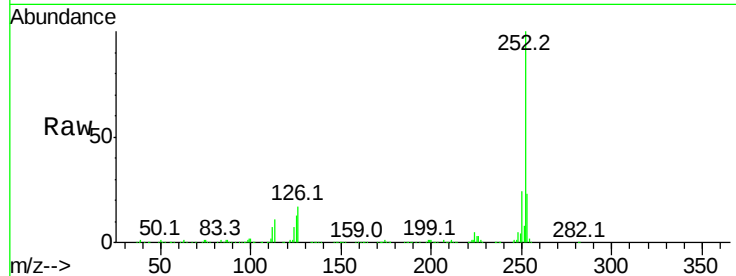
ClientSampleId :

TP4-6-7FT

Tot Ion:	252	Resp:	843130
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	13.3	9.0	13.6

Manual Integrations
APPROVED

sohil
5/10/2016 11:06:03 AM



#90

Dibenzo(a,h)anthracene

Concen: 39.09 ng

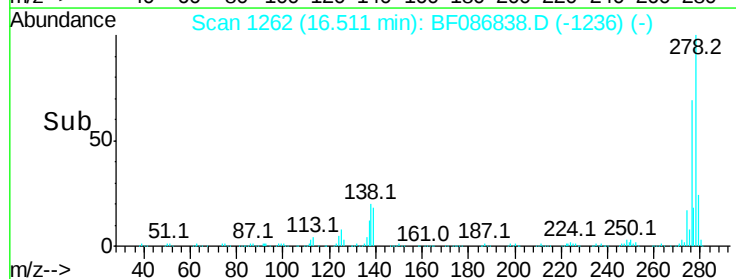
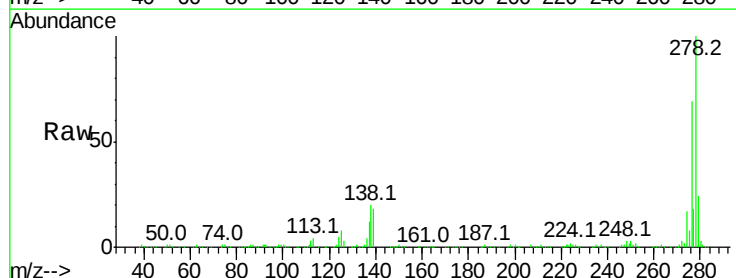
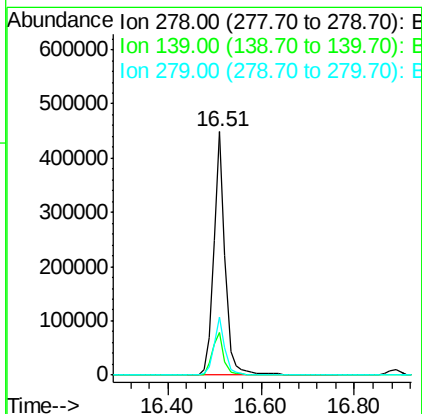
RT: 16.51 min Scan# 1262

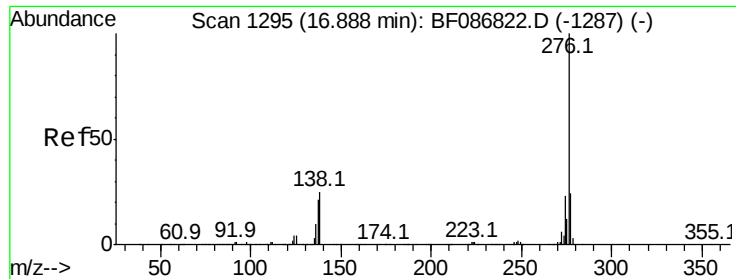
Delta R.T. -0.00 min

Lab File: BF086838.D

Acq: 9 May 2016 23:31

Tgt Ion:	278	Resp:	759626
Ion Ratio	Lower	Upper	
278	100		
139	17.7	16.6	24.8
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.45 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF086838.D
 Acq: 9 May 2016 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP4-6-7FT

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.6	29.4
138	23.2	23.6	35.4#

Manual Integrations
 APPROVED

sohil
 5/10/2016 11:06:03 AM

