

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087041.D
 Acq On : 15 May 2016 1:31
 Operator : UM/SJ
 Sample : PB90466BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Manual Integrations
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 5/16/2016 6:58:53 PM

Quant Time: May 16 05:56:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 05:03:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	136280	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	558446	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	266915	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	504558	20.00	ng	0.00
75) Chrysene-d12	13.76	240	334583	20.00	ng	0.00
86) Perylene-d12	15.11	264	298915	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	907110	112.72	ng	0.01
7) Phenol-d6	6.28	99	1243742	115.65	ng	0.00
23) Nitrobenzene-d5	7.19	82	816935	73.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	338752	119.88	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1364357	85.91	ng	0.00
78) Terphenyl-d14	12.71	244	1173316	74.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.14	88	120209	30.43	ng	# 66
3) Pyridine	2.78	79	332215	34.40	ng	# 64
4) n-Nitrosodimethylamine	2.73	42	250711	35.80	ng	# 48
6) Aniline	6.28	93	172708	13.28	ng	# 2
8) 2-Chlorophenol	6.40	128	363274	37.41	ng	84
9) Benzaldehyde	6.17	77	21382	3.43	ng	98
10) Phenol	6.30	94	498981	39.03	ng	85
11) bis(2-Chloroethyl)ether	6.35	93	339184	34.03	ng	# 80
12) 1,3-Dichlorobenzene	6.55	146	361842	34.43	ng	# 94
13) 1,4-Dichlorobenzene	6.63	146	376159	35.10	ng	94
14) 1,2-Dichlorobenzene	6.78	146	328853	35.21	ng	93
15) Benzyl Alcohol	6.78	79	319696	43.05	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.90	45	720950	33.27	ng	58
17) 2-Methylphenol	6.90	107	297352	38.48	ng	# 79
18) Hexachloroethane	7.12	117	143076	35.49	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	270524	35.99	ng	# 61
20) 3+4-Methylphenols	7.06	107	395510	39.19	ng	# 61
22) Acetophenone	7.04	105	521816	39.56	ng	# 95
24) Nitrobenzene	7.21	77	406111	35.50	ng	90
25) Isophorone	7.45	82	759073	36.79	ng	97
26) 2-Nitrophenol	7.53	139	181677	36.13	ng	95
27) 2,4-Dimethylphenol	7.59	122	314570	36.72	ng	93
28) bis(2-Chloroethoxy)methane	7.67	93	459734	41.30	ng	98
29) 2,4-Dichlorophenol	7.78	162	291667	38.68	ng	93
30) 1,2,4-Trichlorobenzene	7.84	180	307540	36.48	ng	96
31) Naphthalene	7.92	128	999700	35.74	ng	99
32) Benzoic acid	7.74	122	168011	33.39	ng	# 79
33) 4-Chloroaniline	7.99	127	99871	9.19	ng	# 93
34) Hexachlorobutadiene	8.04	225	179598	36.72	ng	98
35) Caprolactam	8.36	113	98474m	38.39	ng	
36) 4-Chloro-3-methylphenol	8.49	107	337760	36.94	ng	90
37) 2-Methylnaphthalene	8.62	142	704943	43.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	269405	34.71	ng	# 98
40) Hexachlorocyclopentadiene	8.76	237	237826	64.56	ng	95

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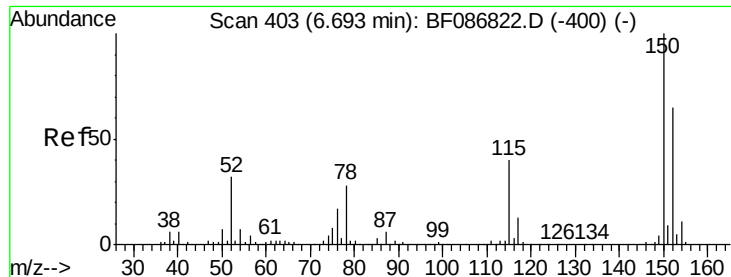
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	186217	35.88	ng	94
43) 2,4,5-Trichlorophenol	8.96	196	186390	34.73	ng	95
45) 1,1'-Biphenyl	9.07	154	817334	38.50	ng	95
46) 2-Chloronaphthalene	9.10	162	604437	36.34	ng	93
47) 2-Nitroaniline	9.21	65	251006	41.29	ng	# 77
48) Acenaphthylene	9.51	152	931650	38.08	ng	98
49) Dimethylphthalate	9.39	163	791207	38.85	ng	99
50) 2,6-Dinitrotoluene	9.45	165	153695	35.86	ng	# 74
51) Acenaphthene	9.68	154	578255	37.99	ng	98
52) 3-Nitroaniline	9.62	138	68036	15.08	ng	87
53) 2,4-Dinitrophenol	9.74	184	99060	48.57	ng	90
54) Dibenzofuran	9.85	168	829527	42.46	ng	91
55) 4-Nitrophenol	9.82	139	194791m	65.62	ng	
56) 2,4-Dinitrotoluene	9.86	165	213997	40.35	ng	# 77
57) Fluorene	10.19	166	622511	37.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	171599	42.47	ng	97
59) Diethylphthalate	10.09	149	777889	39.20	ng	96
60) 4-Chlorophenyl-phenylether	10.19	204	324522	44.70	ng	89
61) 4-Nitroaniline	10.24	138	163768	37.79	ng	# 69
62) Azobenzene	10.35	77	927799	43.34	ng	87
64) 4,6-Dinitro-2-methylphenol	10.26	198	94321	30.09	ng	# 36
65) n-Nitrosodiphenylamine	10.32	169	646336	41.70	ng	99
66) 4-Bromophenyl-phenylether	10.67	248	187254	36.60	ng	# 90
67) Hexachlorobenzene	10.74	284	236629	39.58	ng	# 93
68) Atrazine	10.84	200	193501	37.37	ng	94
69) Pentachlorophenol	10.95	266	191742	69.40	ng	97
70) Phenanthrene	11.15	178	1084251	40.27	ng	100
71) Anthracene	11.20	178	1006797	36.56	ng	100
72) Carbazole	11.37	167	976210	41.24	ng	99
73) Di-n-butylphthalate	11.70	149	1171278	40.52	ng	99
74) Fluoranthene	12.33	202	1051746	37.98	ng	96
76) Benzidine	12.47	184	221691	25.99	ng	96
77) Pyrene	12.56	202	1091706	42.62	ng	100
79) Butylbenzylphthalate	13.19	149	473210	43.68	ng	# 73
80) Benzo(a)anthracene	13.74	228	758600	40.39	ng	100
81) 3,3'-Dichlorobenzidine	13.71	252	140378	11.76	ng	# 97
82) Chrysene	13.78	228	811929	42.50	ng	100
83) Bis(2-ethylhexyl)phthalate	13.75	149	581658	44.63	ng	# 96
84) Di-n-octyl phthalate	14.35	149	961744	44.55	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.35	276	681690	42.88	ng	95
87) Benzo(b)fluoranthene	14.74	252	653676m	33.65	ng	
88) Benzo(k)fluoranthene	14.77	252	638025m	40.11	ng	
89) Benzo(a)pyrene	15.06	252	641402	38.28	ng	# 97
90) Dibenzo(a,h)anthracene	16.37	278	571513	40.47	ng	97
91) Benzo(g,h,i)perylene	16.73	276	578008	40.28	ng	# 92

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



#1

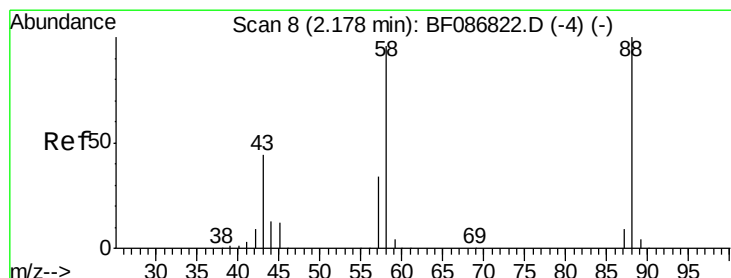
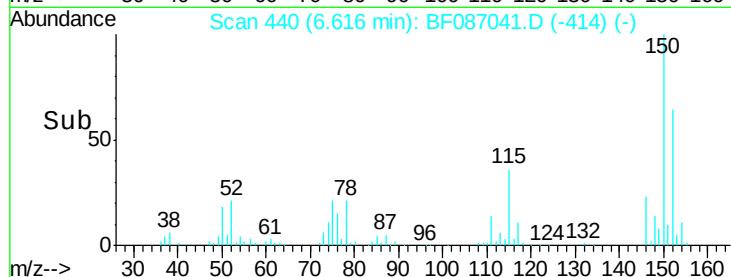
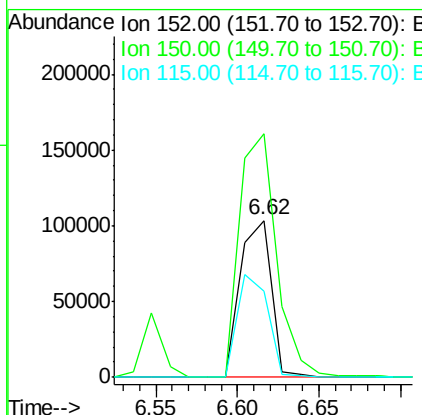
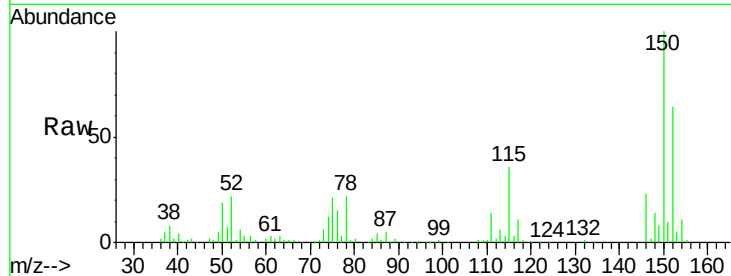
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.8	188.6
115	55.2	51.5	77.3

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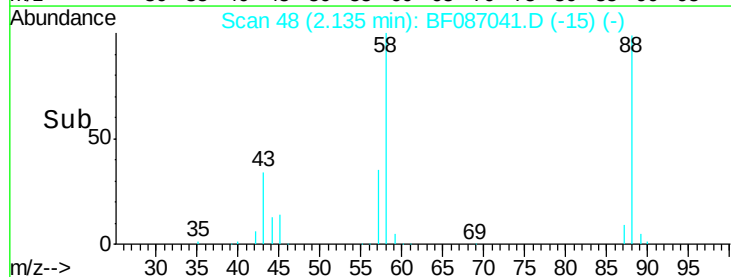
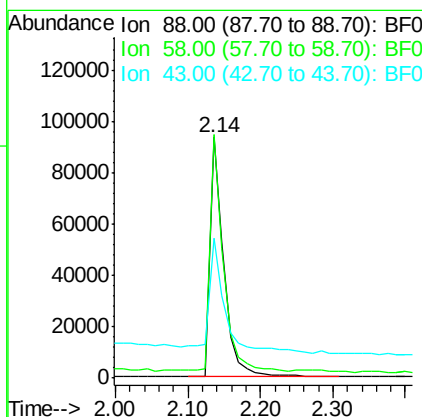
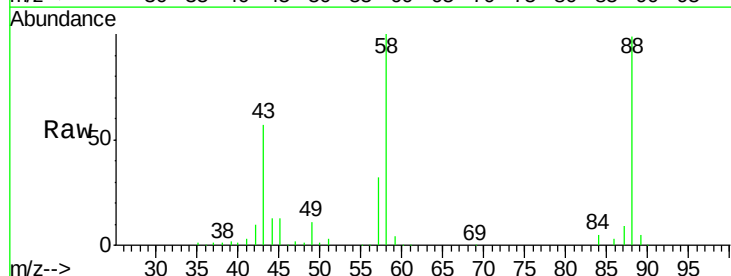
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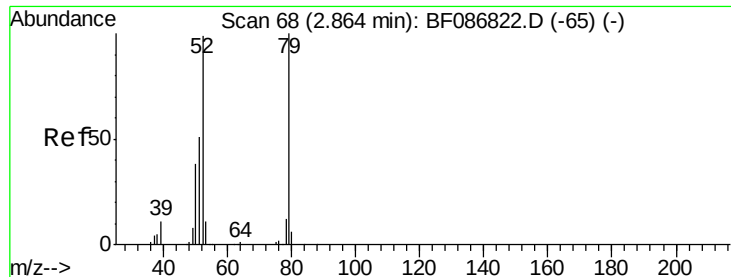


#2

1,4-Dioxane
Concen: 30.43 ng
RT: 2.14 min Scan# 48
Delta R.T. 0.08 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.5	59.6	89.4#
43	57.9	21.8	32.6#





#3

Pyridine

Concen: 34.40 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

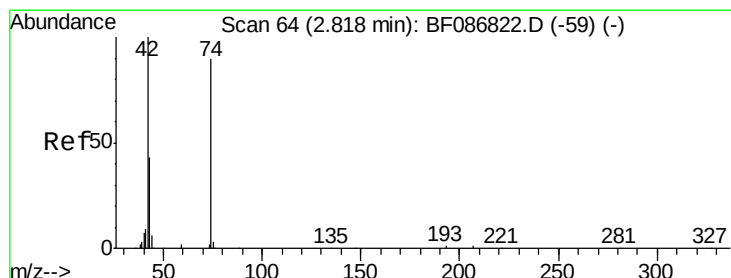
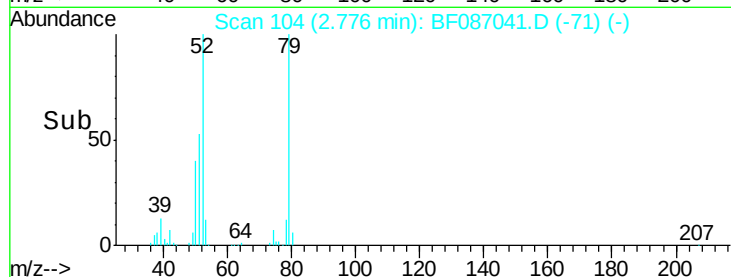
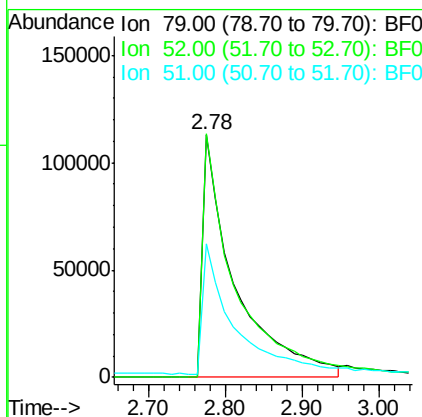
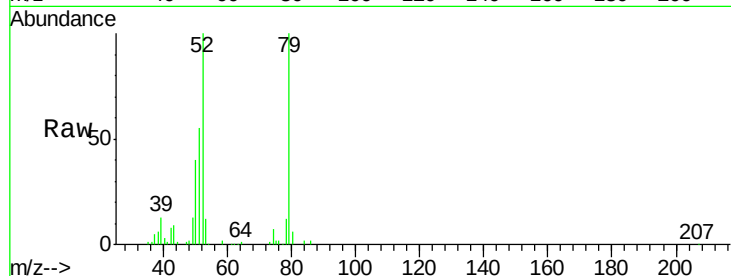
ClientSampleId :

PB90466BSD

Tgt Ion:	79	Resp:	332215
Ion Ratio	Lower	Upper	
79	100		
52	100.2	55.9	83.9#
51	54.9	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 35.80 ng

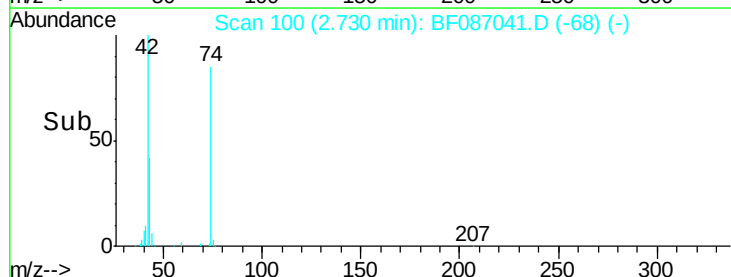
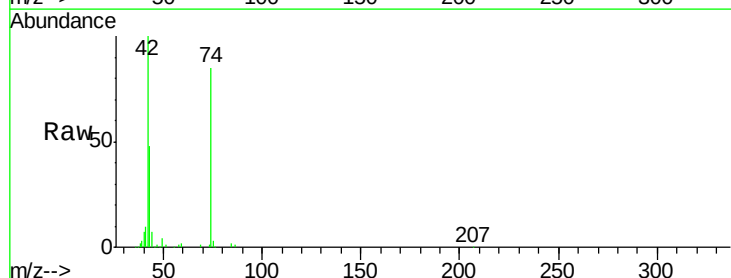
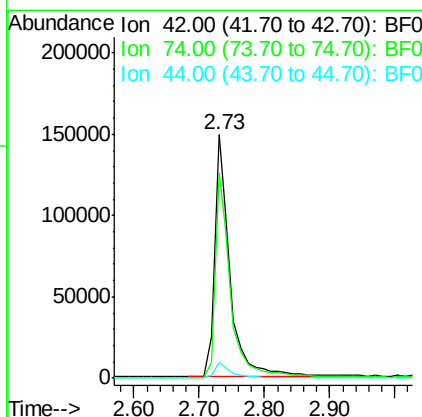
RT: 2.73 min Scan# 100

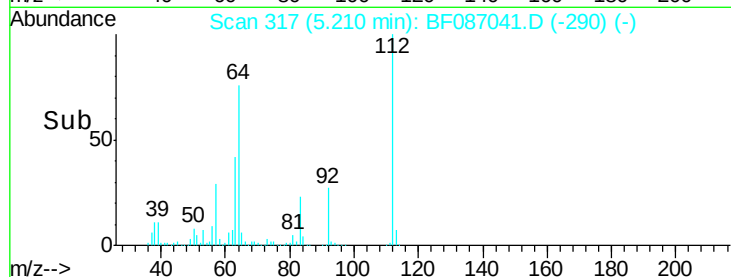
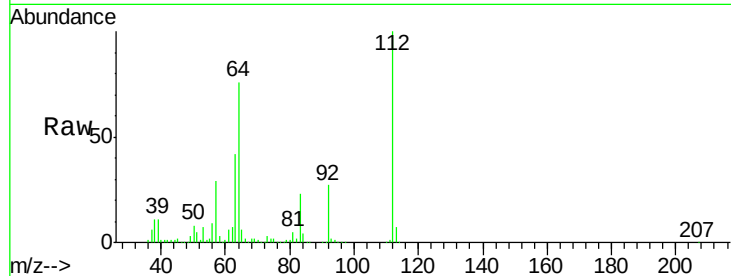
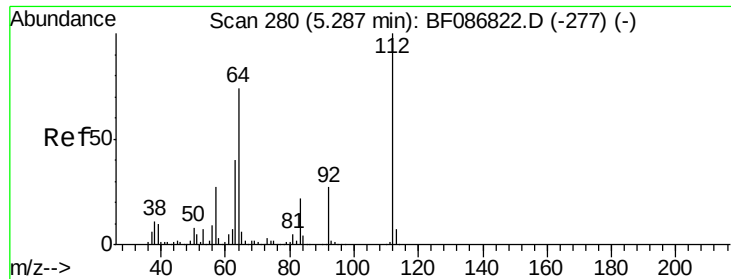
Delta R.T. 0.07 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	42	Resp:	250711
Ion Ratio	Lower	Upper	
42	100		
74	84.5	123.4	185.0#
44	6.6	5.8	8.6





#5

2-Fluorophenol

Concen: 112.72 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	907110		
64	75.5	52.1	78.1	
63	41.6	25.7	38.5	

Instrument :

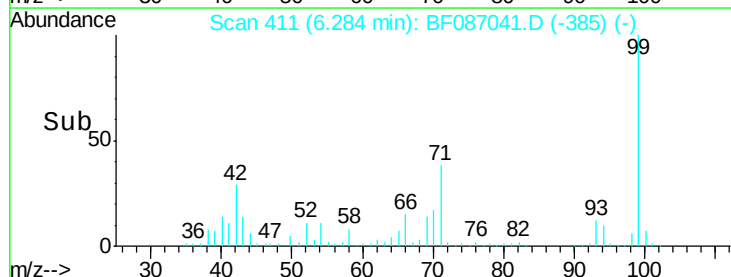
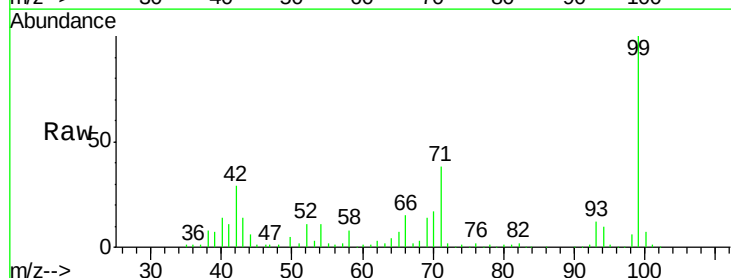
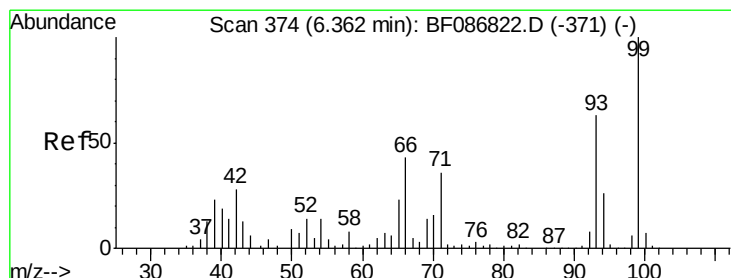
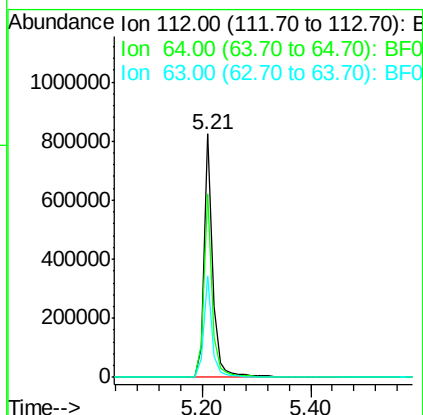
BNA_F

ClientSampled :

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#6

Aniline

Concen: 13.28 ng

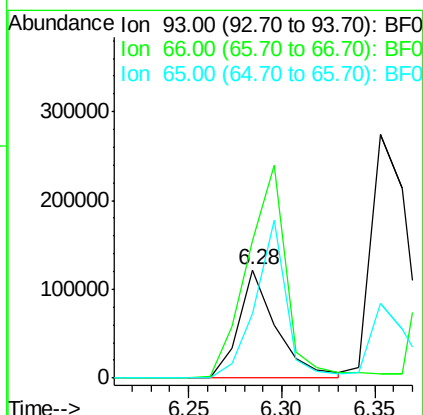
RT: 6.28 min Scan# 411

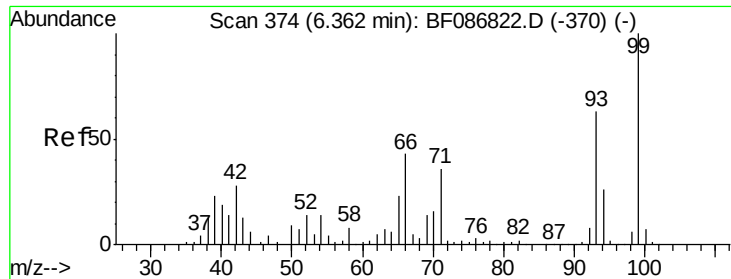
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	172708		
66	126.5	39.0	58.6	
65	59.7	20.6	31.0	





#7

Phenol-d6

Concen: 115.65 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

Tgt Ion: 99 Resp: 1243742

Ion Ratio Lower Upper

99 100

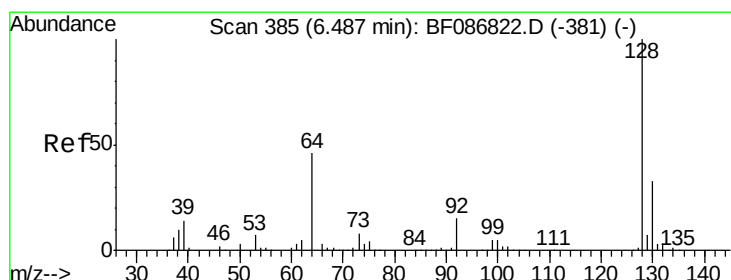
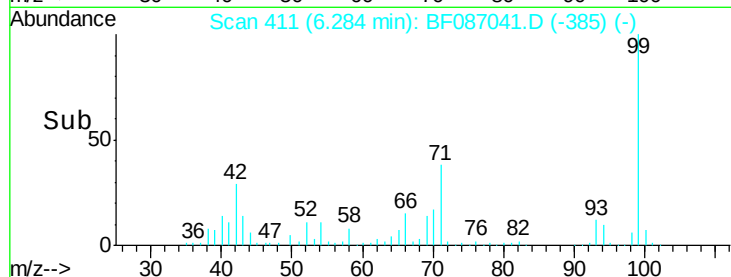
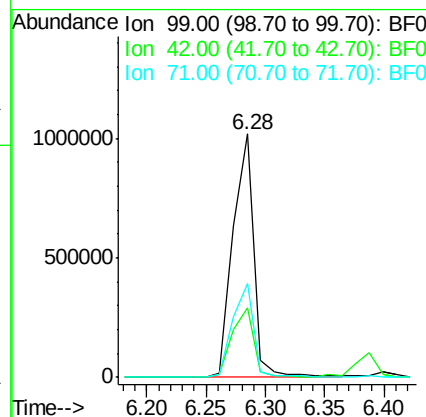
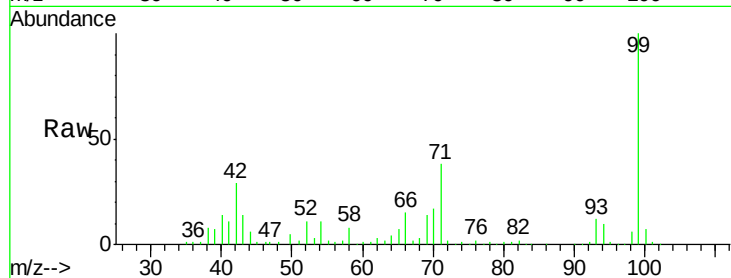
42 28.8 13.6 20.4#

71 38.4 24.6 36.8#

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#8

2-Chlorophenol

Concen: 37.41 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

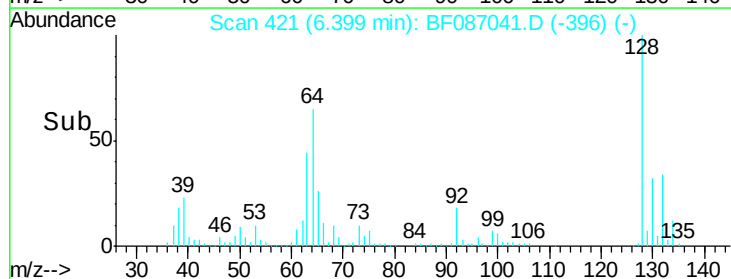
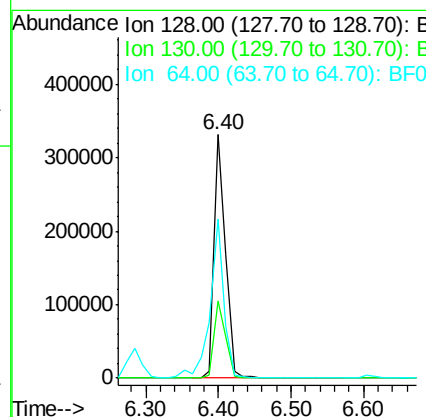
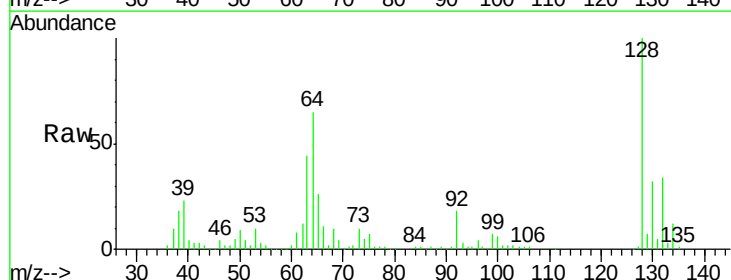
Tgt Ion: 128 Resp: 363274

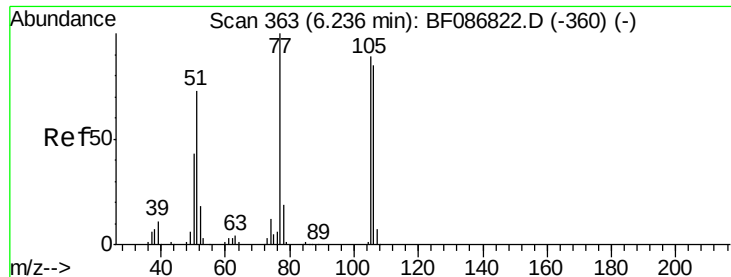
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 65.2 27.3 67.3





#9

Benzaldehyde

Concen: 3.43 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF087041.D

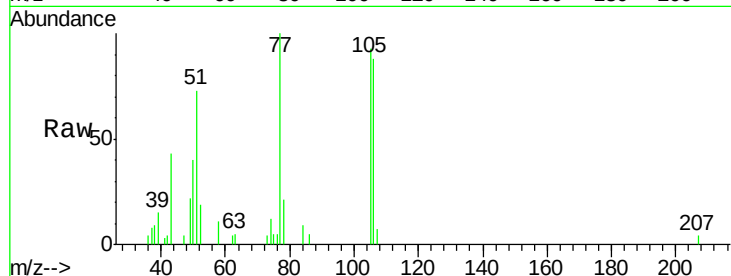
Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

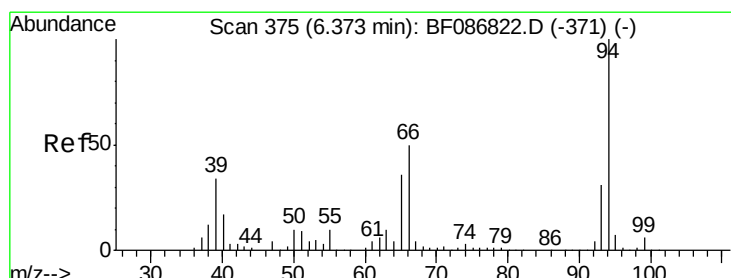
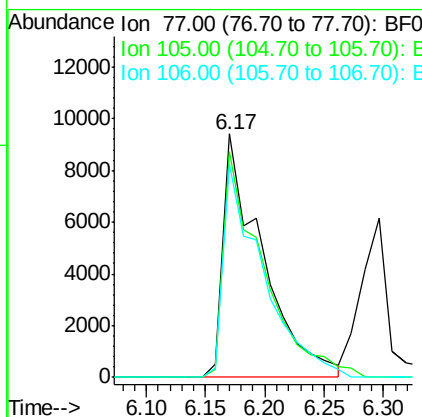
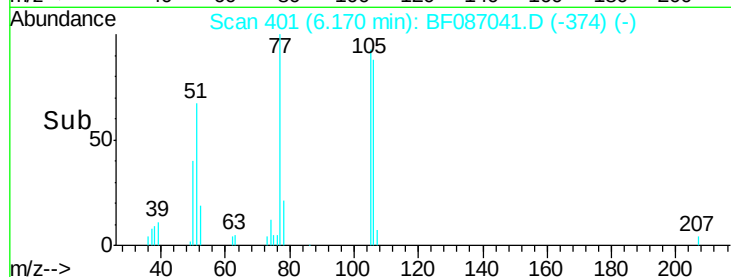
PB90466BSD



Tgt Ion:	77	Resp:	21382
Ion Ratio	Lower	Upper	
77	100		
105	92.9	72.7	112.7
106	87.7	70.8	110.8

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#10

Phenol

Concen: 39.03 ng

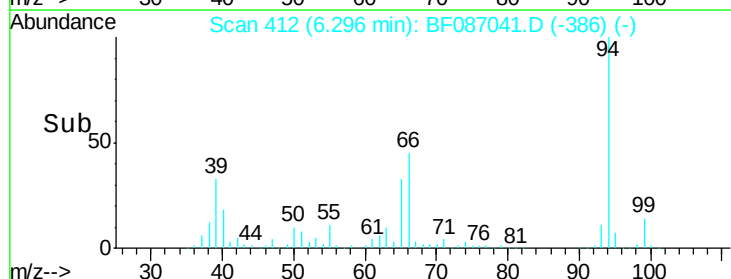
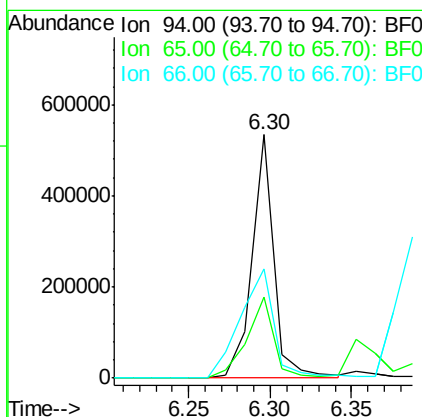
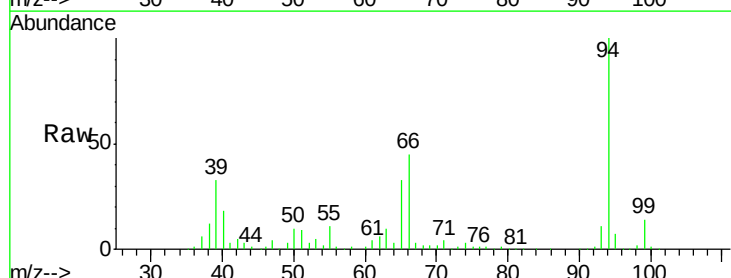
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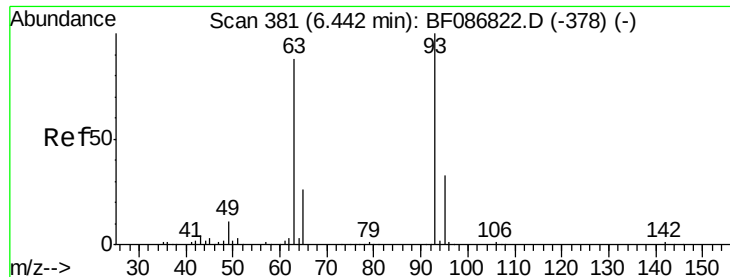
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	94	Resp:	498981
Ion Ratio	Lower	Upper	
94	100		
65	33.3	7.2	47.2
66	44.9	14.9	54.9





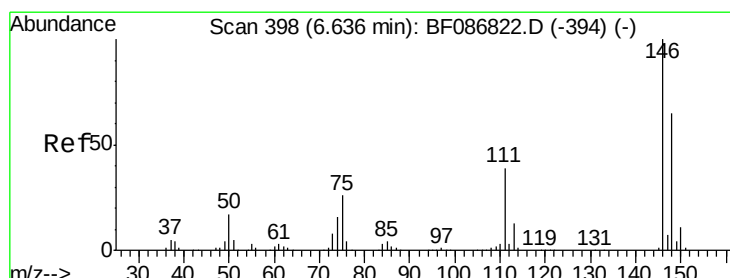
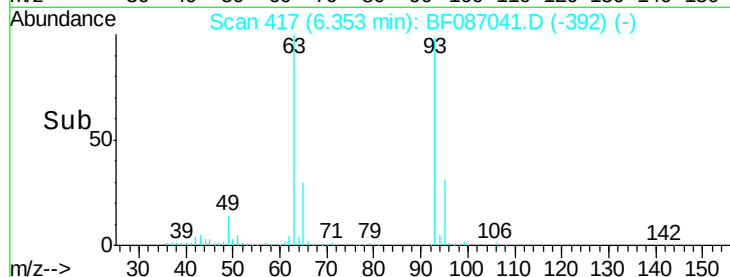
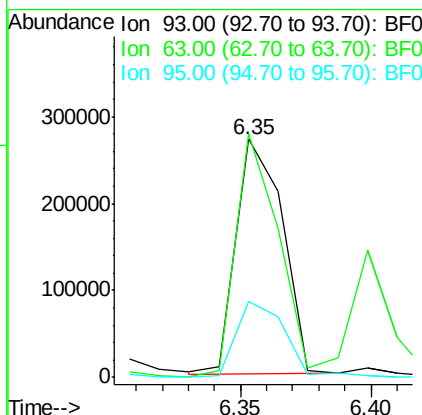
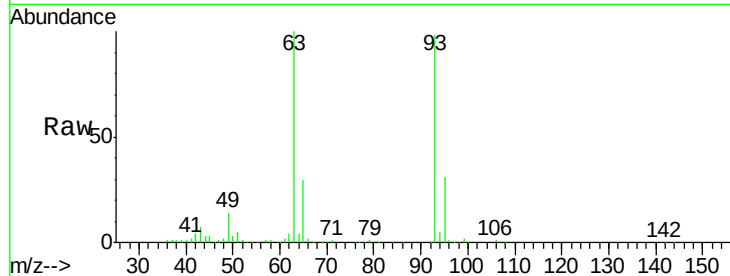
#11
bis(2-Chloroethyl)ether
Concen: 34.03 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339184		
63	102.2	58.0	98.0#	
95	31.8	11.9	51.9	

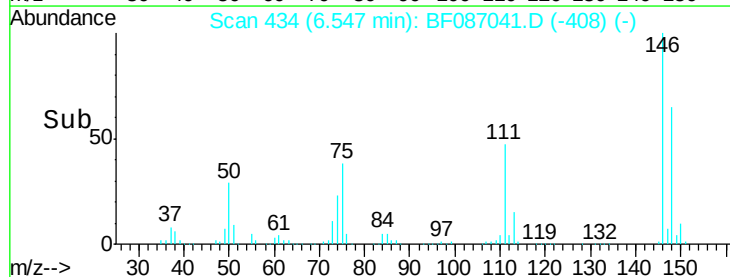
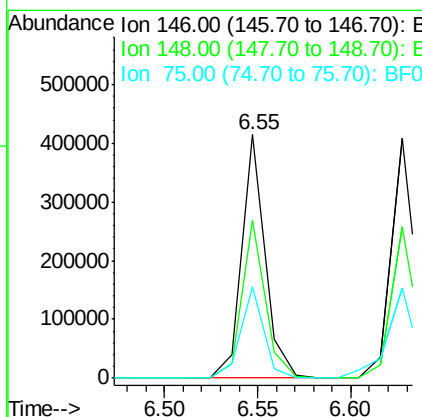
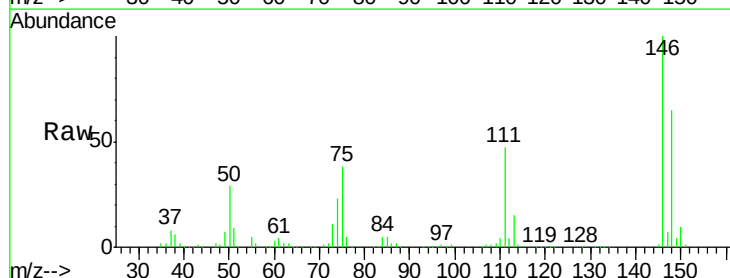
Manual Integrations
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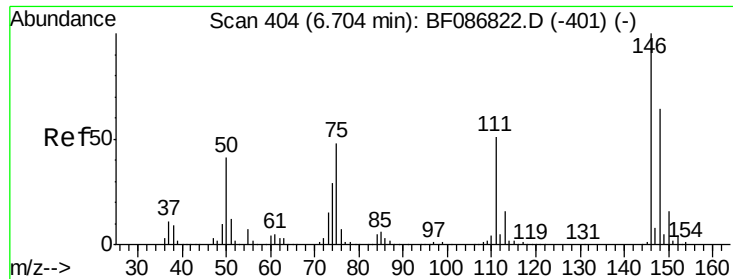
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#12
1,3-Dichlorobenzene
Concen: 34.43 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	361842		
148	65.1	52.4	78.6	
75	37.5	22.8	34.2#	





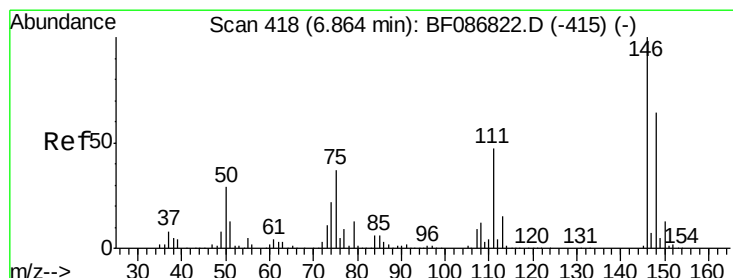
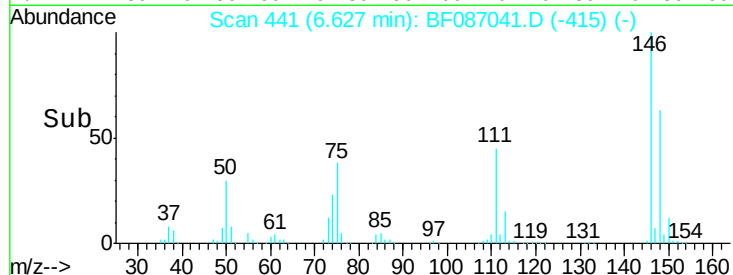
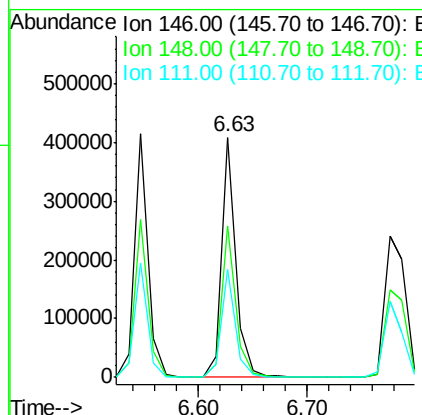
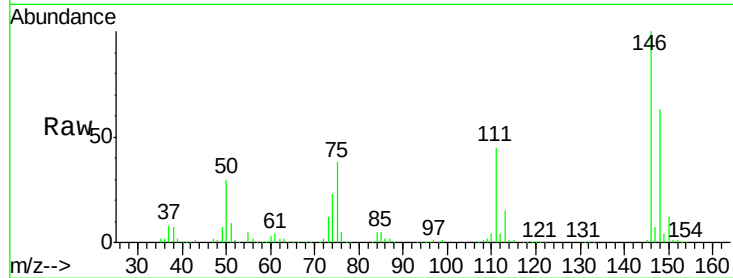
#13
 1,4-Dichlorobenzene
 Concen: 35.10 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	376159		
148	63.3	52.2	78.4	
111	45.3	30.7	46.1	

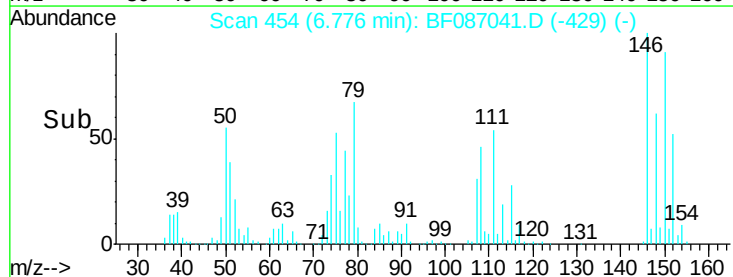
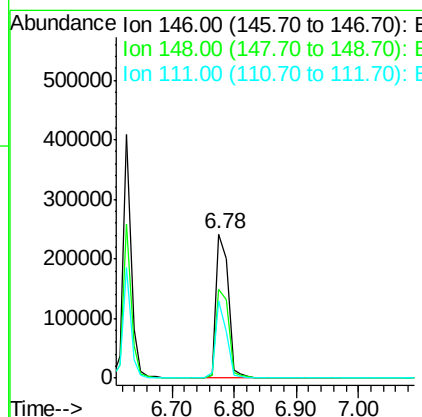
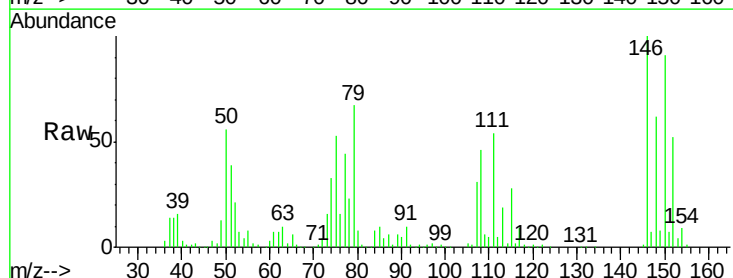
Manual Integrations
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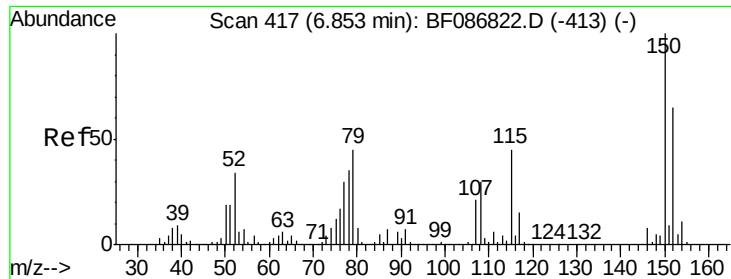
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#14
 1,2-Dichlorobenzene
 Concen: 35.21 ng
 RT: 6.78 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	328853		
148	62.0	51.0	76.6	
111	53.6	36.2	54.4	





#15

Benzyl Alcohol

Concen: 43.05 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

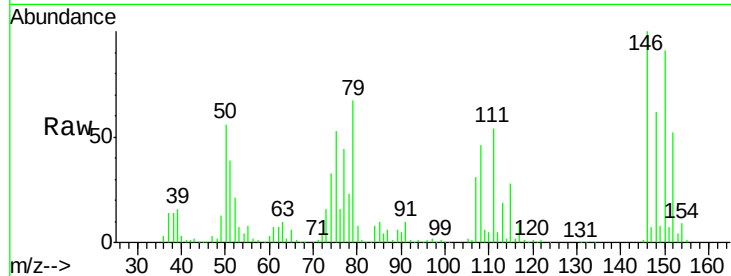
ClientSampleId :

PB90466BSD

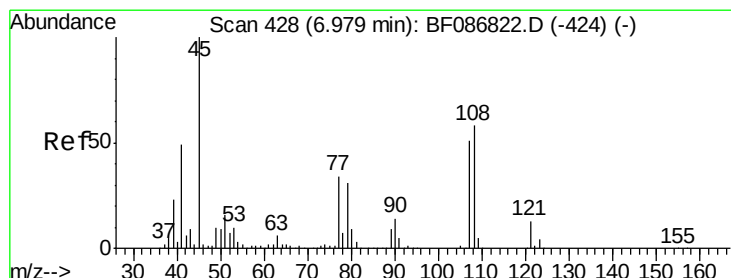
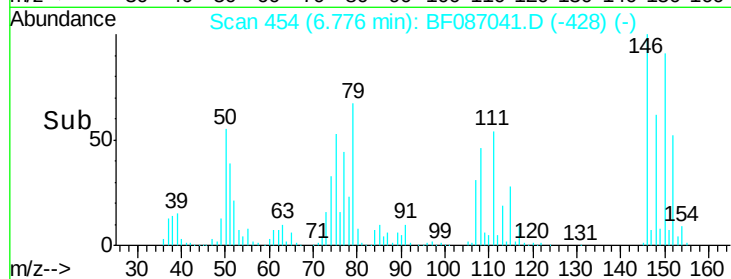
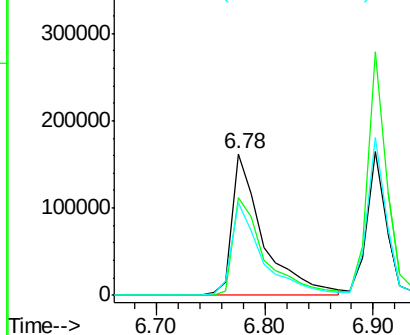
Tgt Ion:	79	Resp:	319696
Ion Ratio	Lower	Upper	
79	100		
108	68.8	68.4	102.6
77	65.1	50.6	76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.27 ng

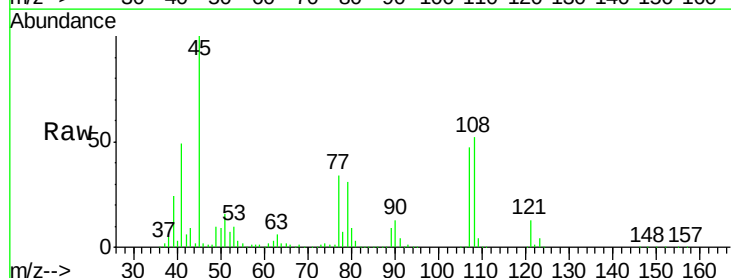
RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

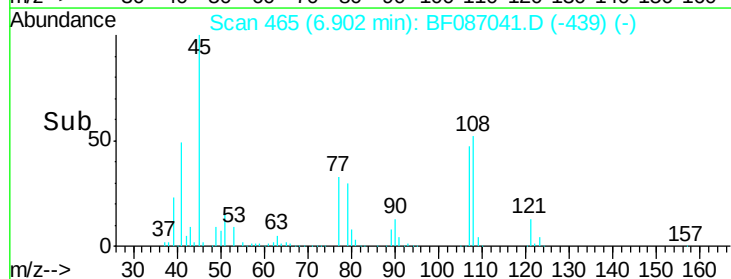
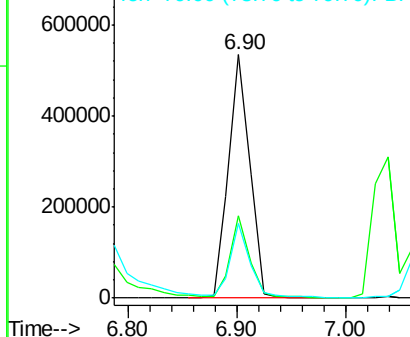
Lab File: BF087041.D

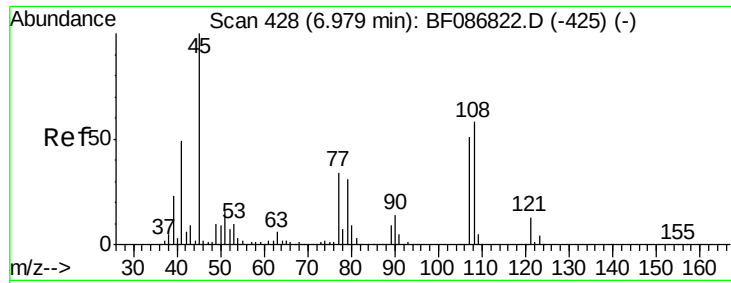
Acq: 15 May 2016 1:31

Tgt Ion:	45	Resp:	720950
Ion Ratio	Lower	Upper	
45	100		
77	33.9	0.0	36.4
79	30.8	0.0	33.4



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.48 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF087041.D

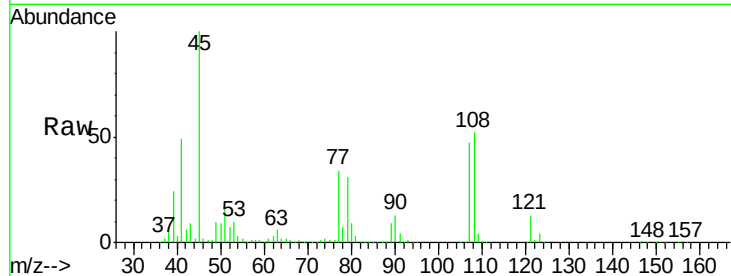
Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

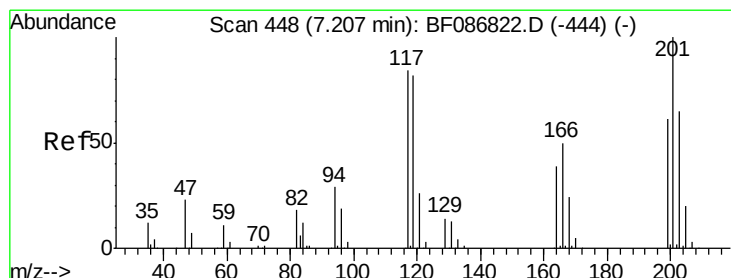
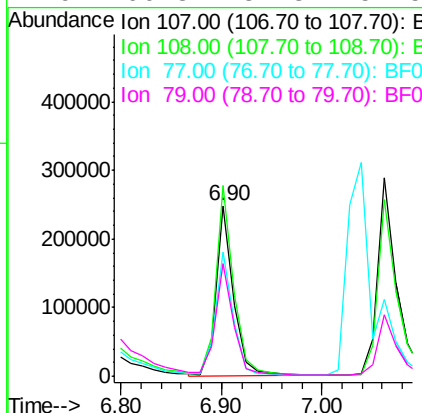
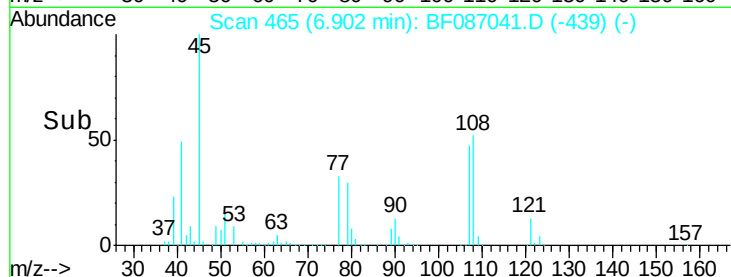
PB90466BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	297352		
108	112.0	93.7	140.5	
77	72.8	33.4	50.0	
79	66.3	34.3	51.5	

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#18

Hexachloroethane

Concen: 35.49 ng

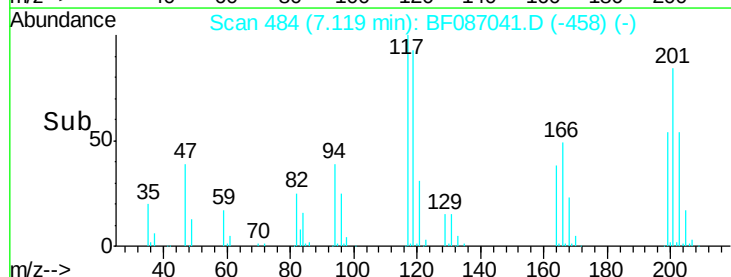
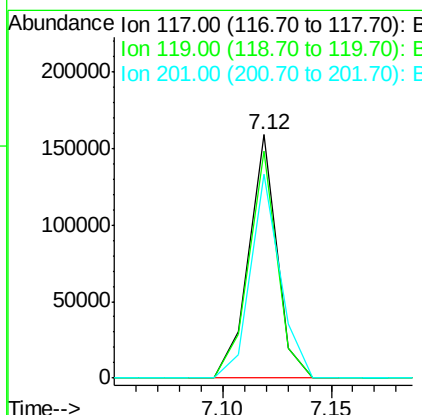
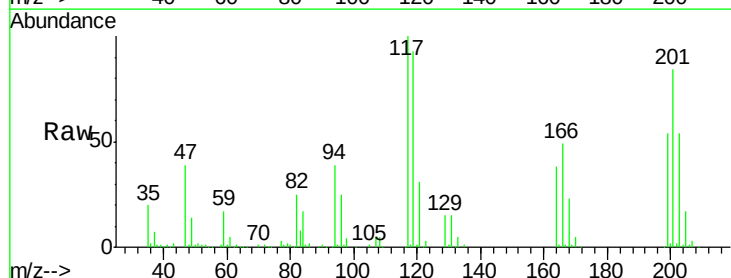
RT: 7.12 min Scan# 484

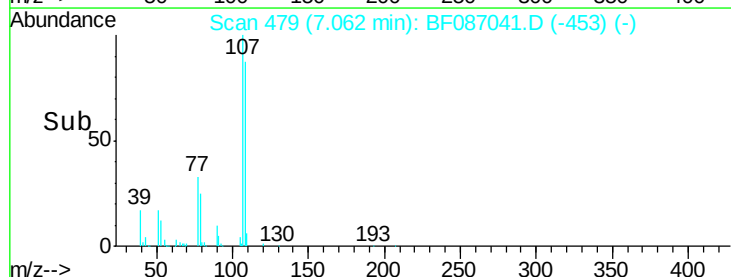
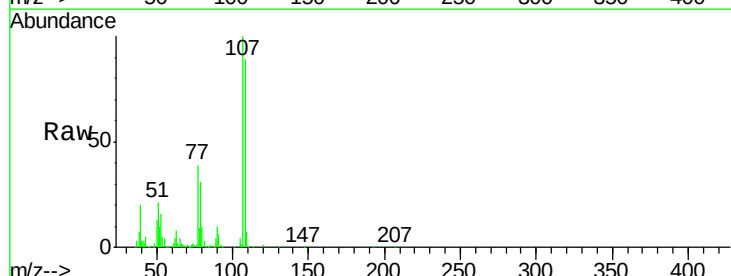
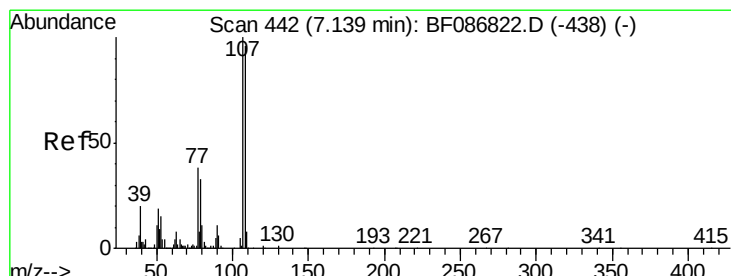
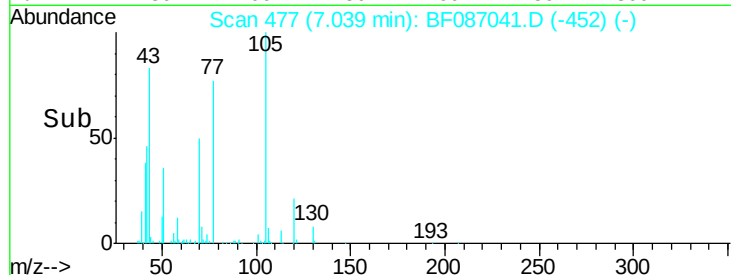
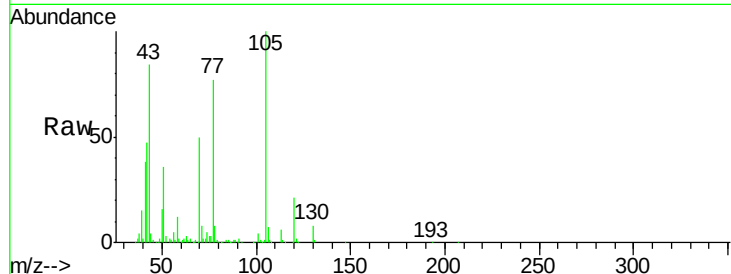
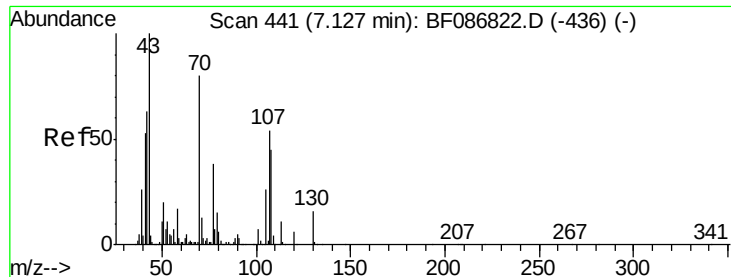
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	143076		
119	93.2	76.5	114.7	
201	83.6	63.0	94.6	





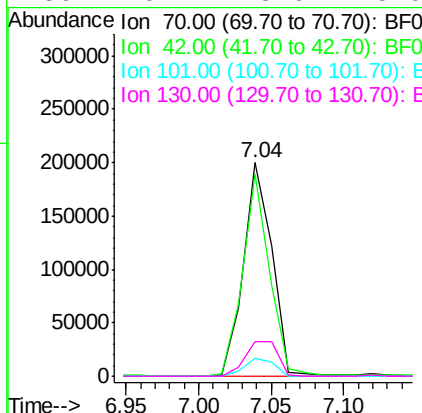
#19
n-Nitroso-di-n-propylamine
Concen: 35.99 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	94.6	43.1	64.7#
101	8.4	8.1	12.1
130	16.4	18.6	28.0#

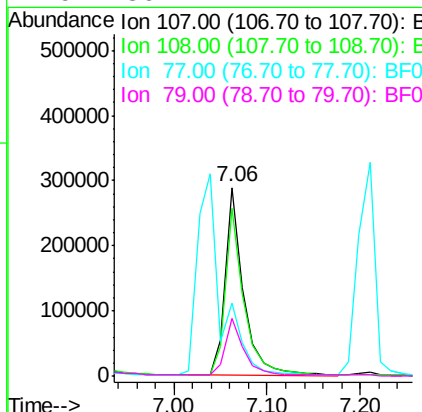
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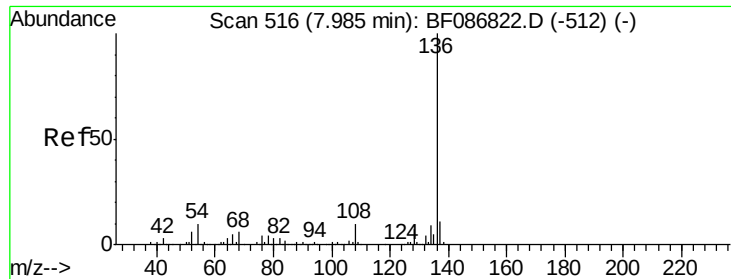
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#20
3+4-Methylphenols
Concen: 39.19 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.5	108.5
77	38.6	101.6	141.6#
79	30.7	7.4	47.4





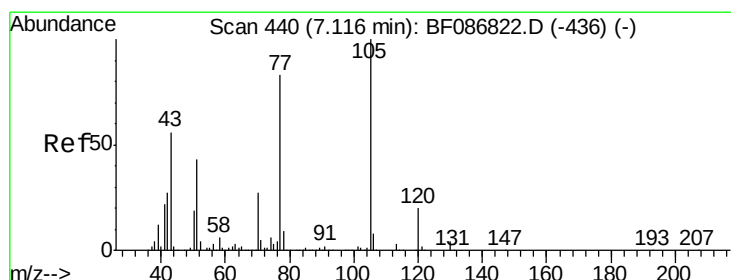
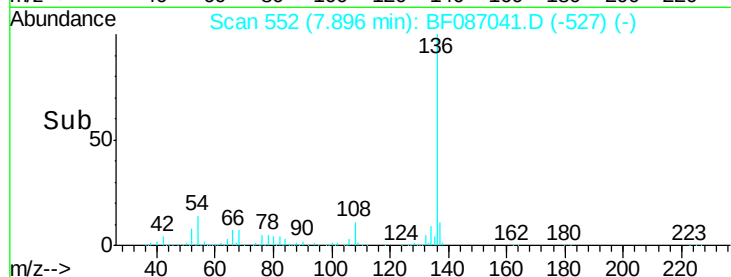
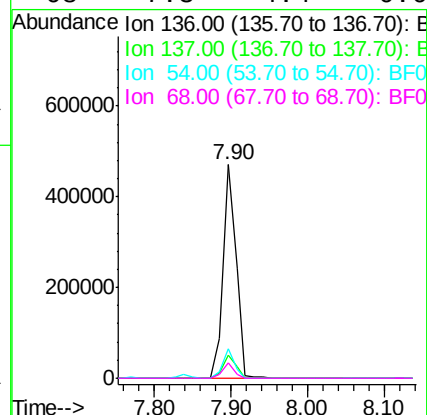
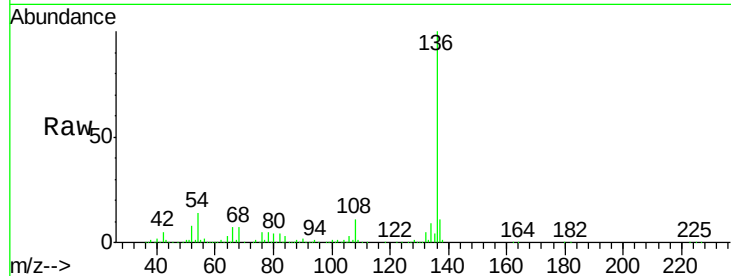
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	558446		
137	11.1	8.8	13.2	
54	14.0	5.0	7.4#	
68	7.3	4.4	6.6#	

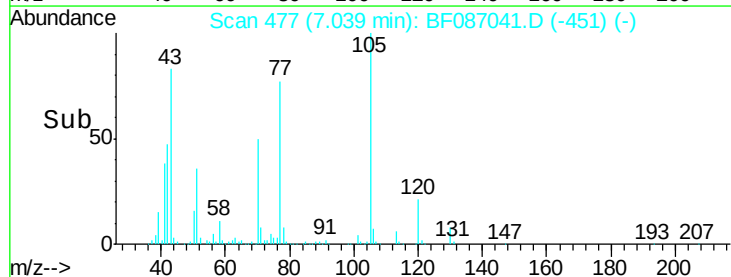
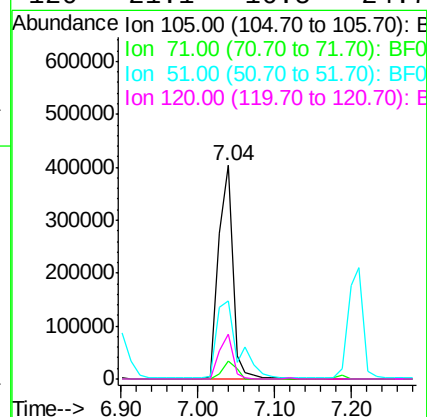
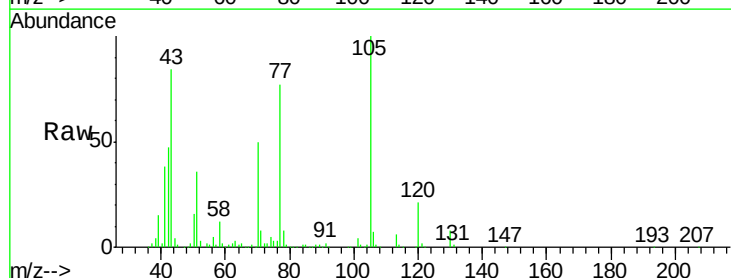
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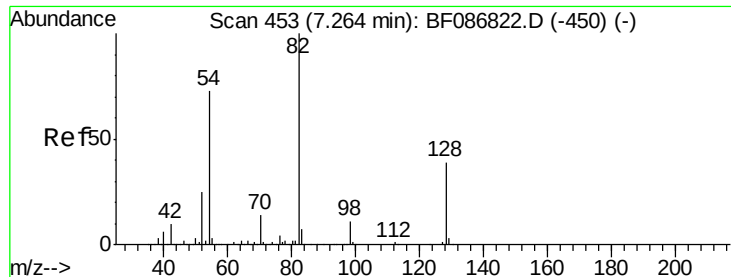
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#22
Acetophenone
Concen: 39.56 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	521816		
71	8.3	4.8	7.2#	
51	36.3	32.6	49.0	
120	21.1	16.5	24.7	





#23

Nitrobenzene-d5

Concen: 73.45 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

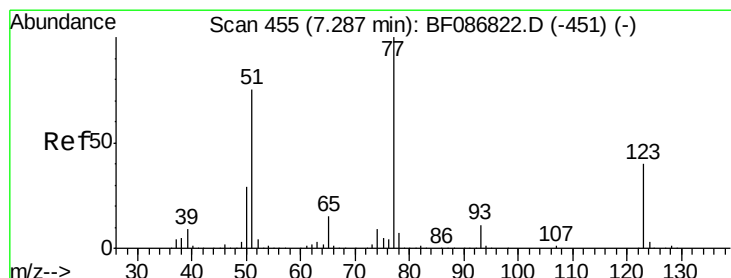
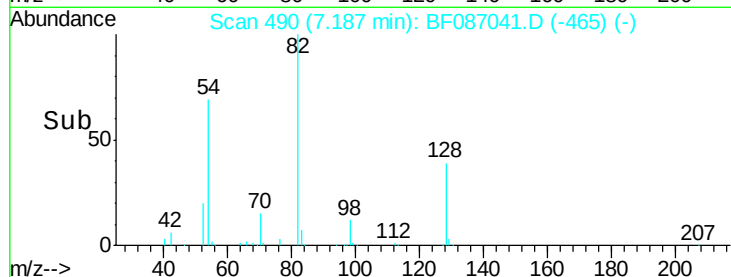
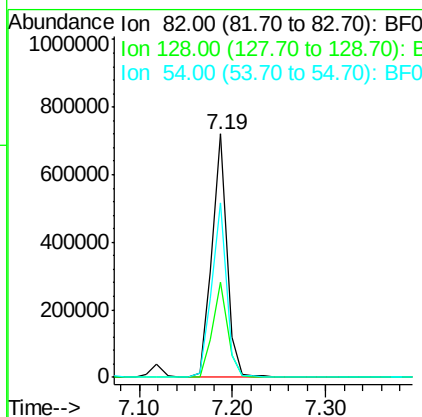
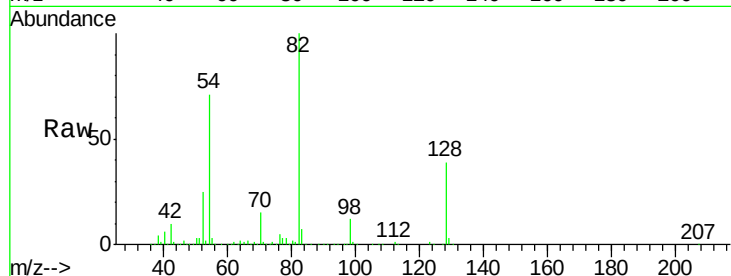
ClientSampleId :

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Tgt Ion:	82	Resp:	816935
Ion Ratio	Lower	Upper	
82	100		
128	39.3	40.6	61.0#
54	71.5	38.1	57.1#

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#24

Nitrobenzene

Concen: 35.50 ng

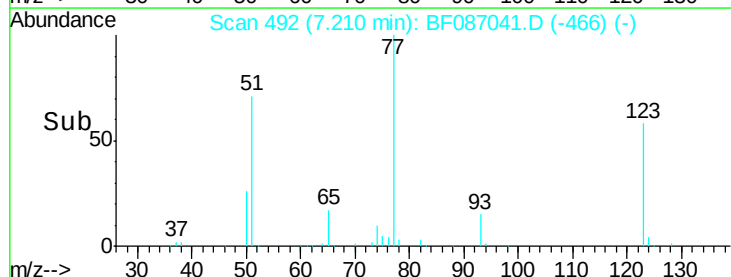
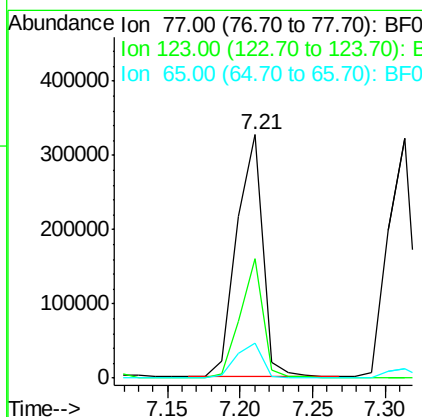
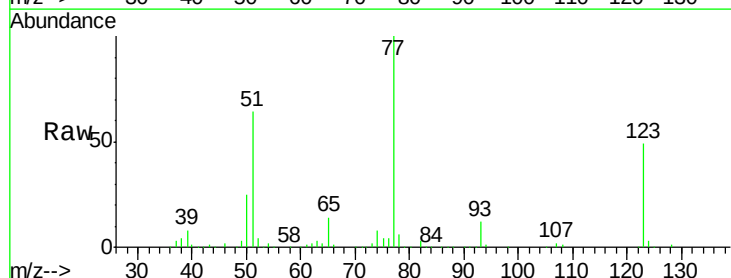
RT: 7.21 min Scan# 492

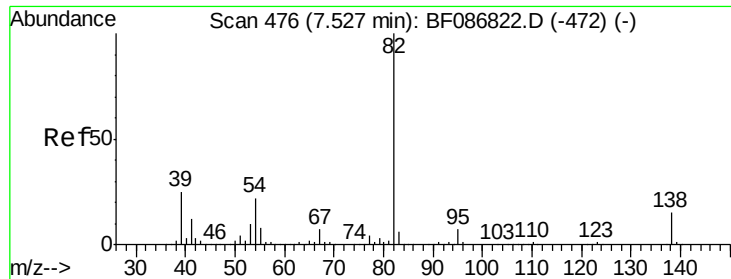
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	77	Resp:	406111
Ion Ratio	Lower	Upper	
77	100		
123	49.0	33.0	49.4
65	14.2	10.8	16.2





#25

Isophorone

Concen: 36.79 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

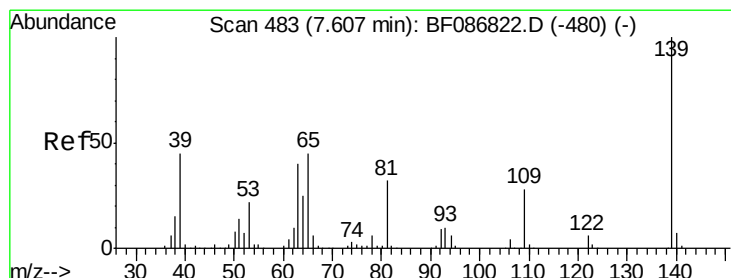
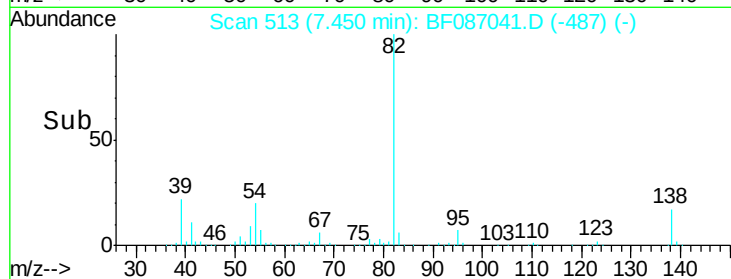
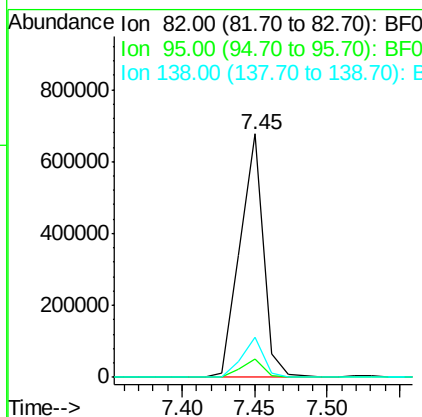
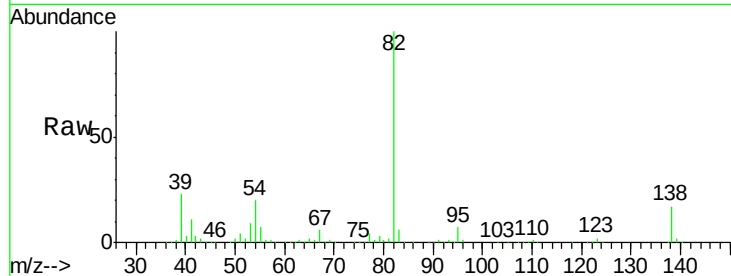
ClientSampleId :

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Tgt Ion:	82	Resp:	759073
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	16.7	12.4	18.6

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#26

2-Nitrophenol

Concen: 36.13 ng

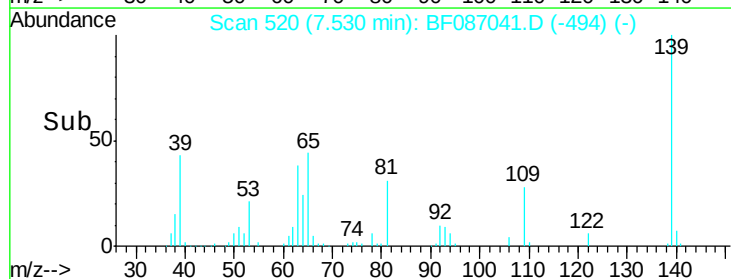
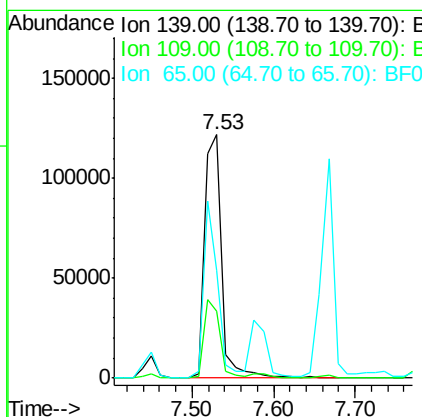
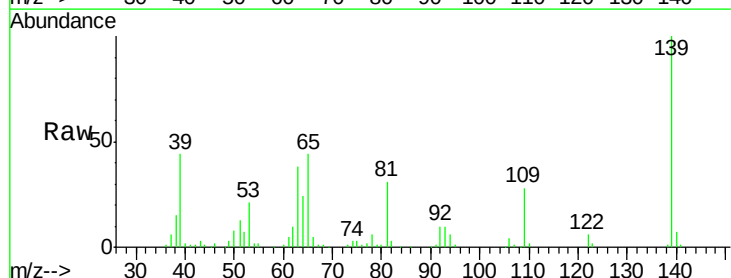
RT: 7.53 min Scan# 520

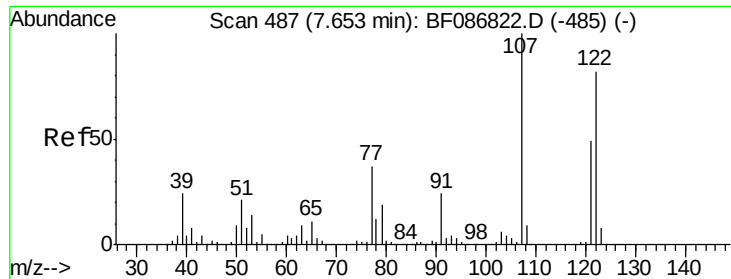
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	139	Resp:	181677
Ion Ratio	Lower	Upper	
139	100		
109	27.5	19.5	29.3
65	44.2	37.5	56.3





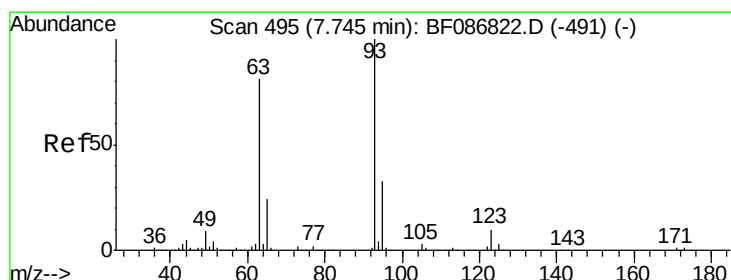
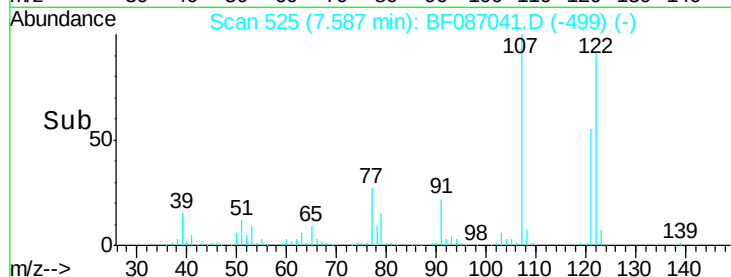
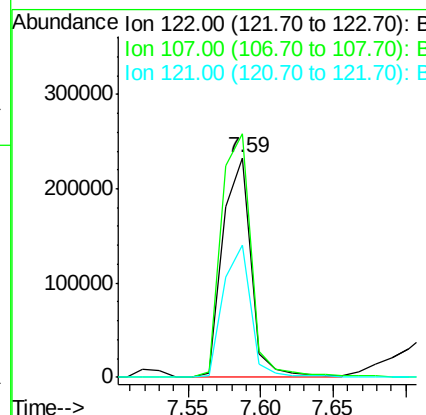
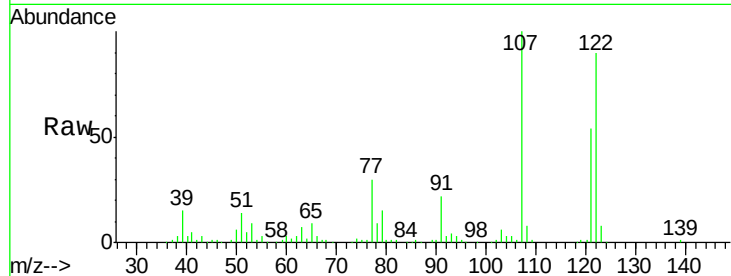
#27
 2,4-Dimethylphenol
 Concen: 36.72 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	314570		
107	110.8	82.0	123.0	
121	60.2	46.1	69.1	

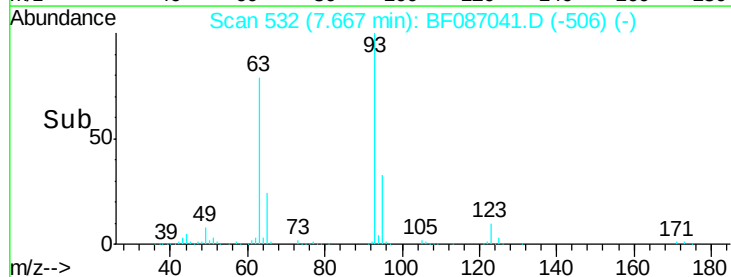
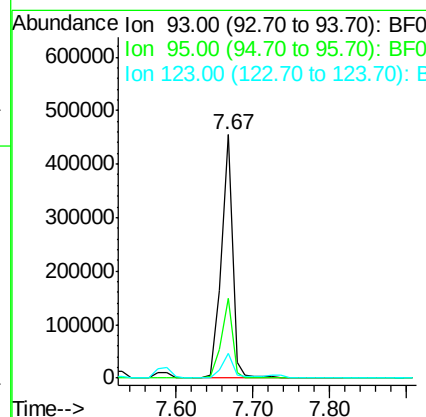
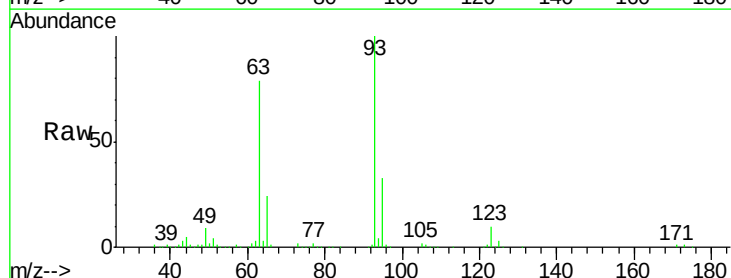
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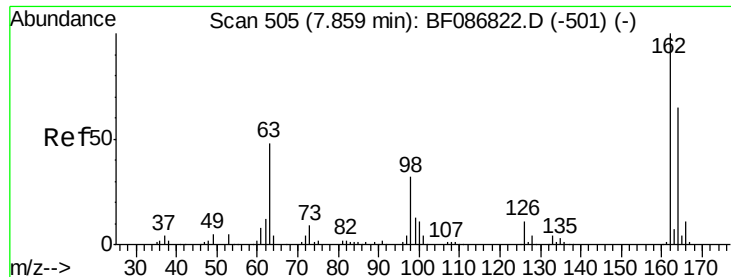
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.30 ng
 RT: 7.67 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	459734		
95	32.8	26.0	39.0	
123	10.3	9.5	14.3	





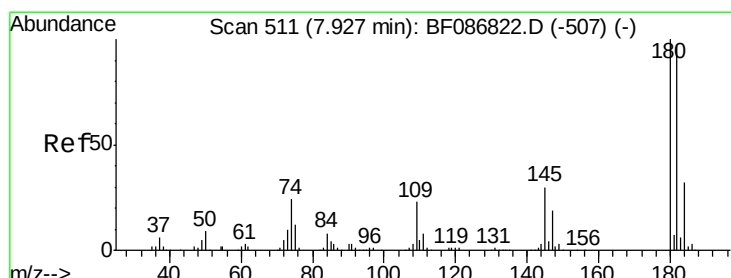
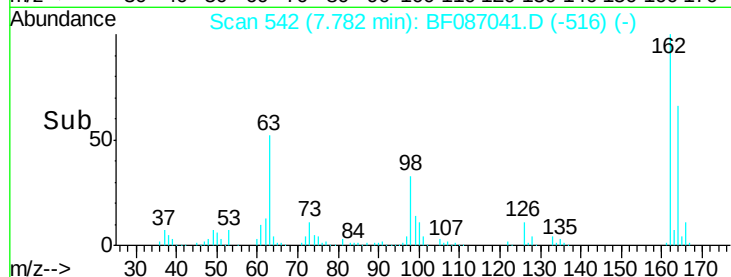
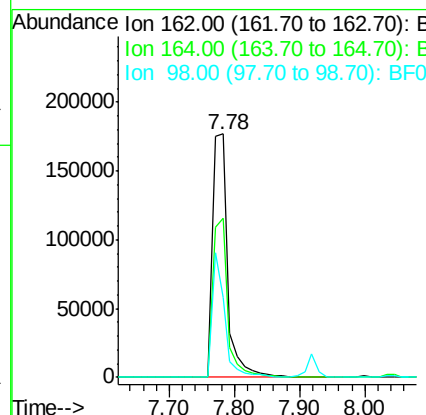
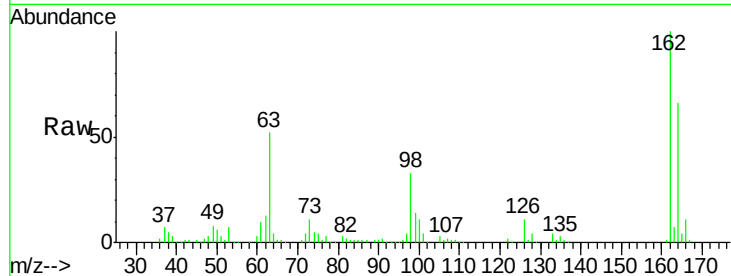
#29
 2,4-Dichlorophenol
 Concen: 38.68 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	42.2	82.2
98	32.7	19.0	59.0

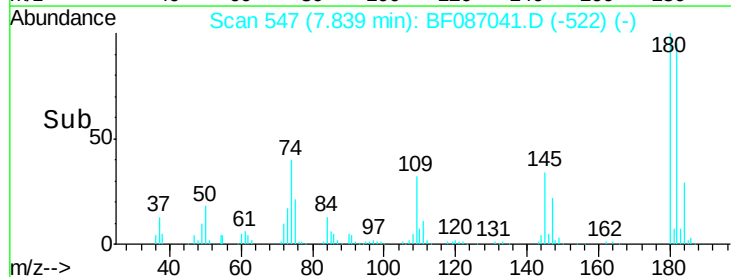
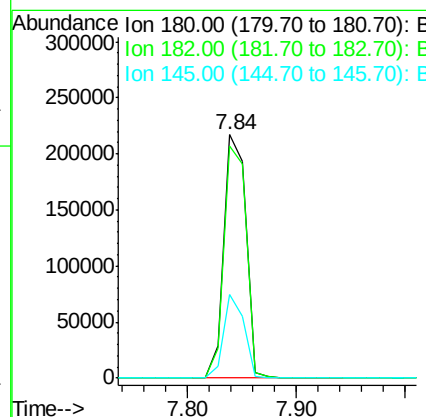
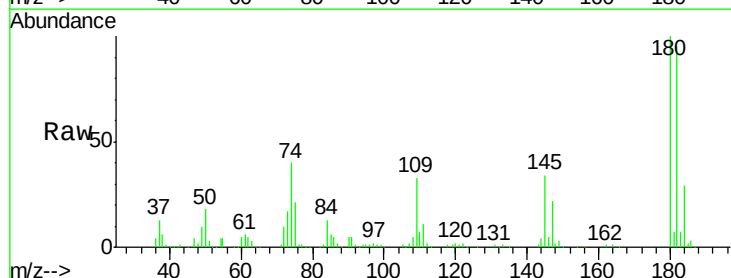
Manual Integrations
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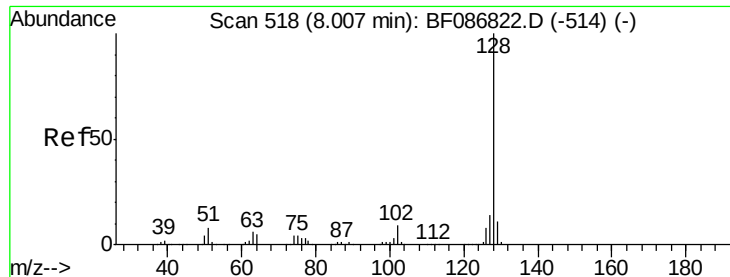
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.48 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	78.0	117.0
145	34.4	24.2	36.2





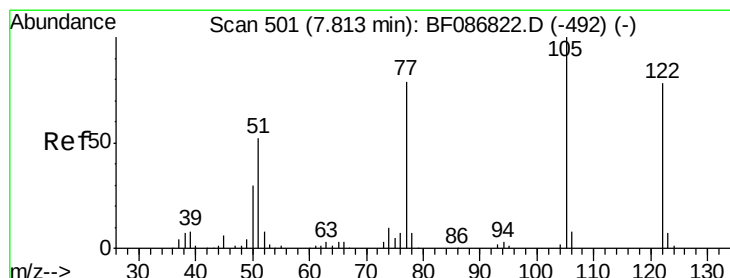
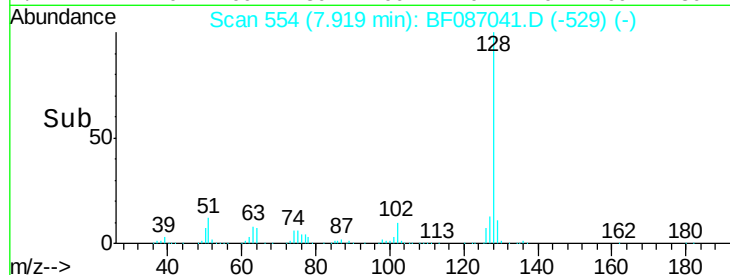
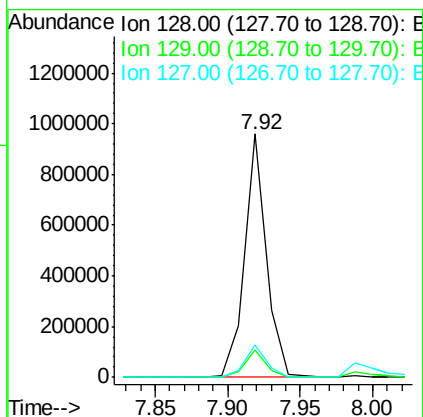
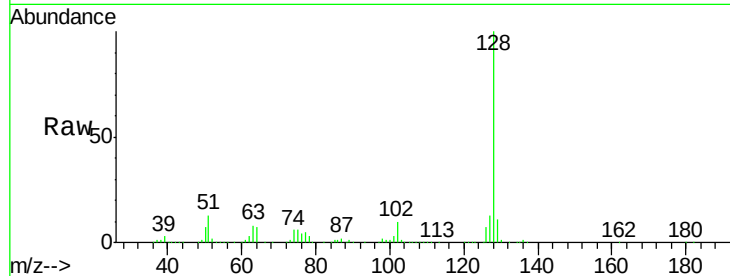
#31
Naphthalene
Concen: 35.74 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.6	13.0
127	13.4	10.8	16.2

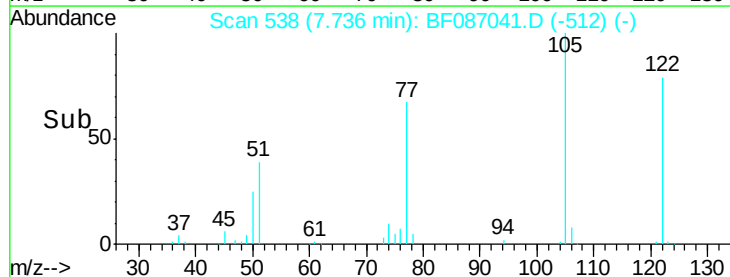
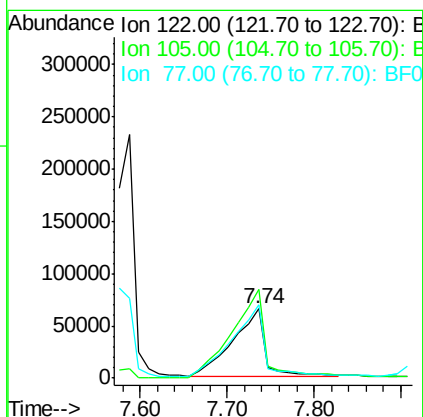
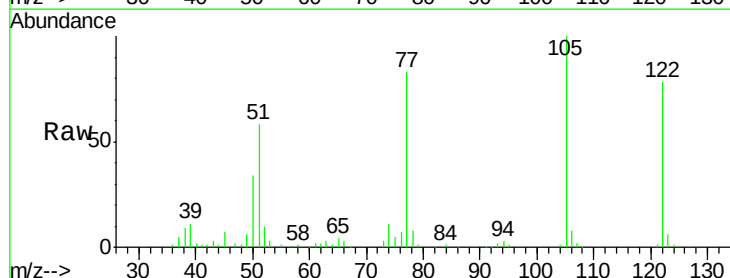
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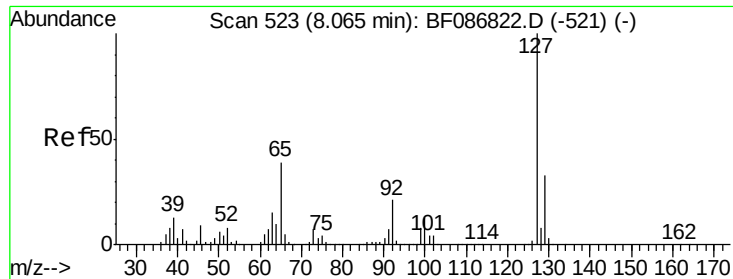
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#32
Benzoic acid
Concen: 33.39 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.2	92.6	132.6
77	106.2	60.0	100.0





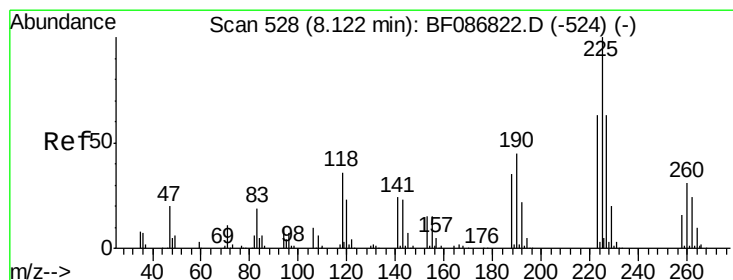
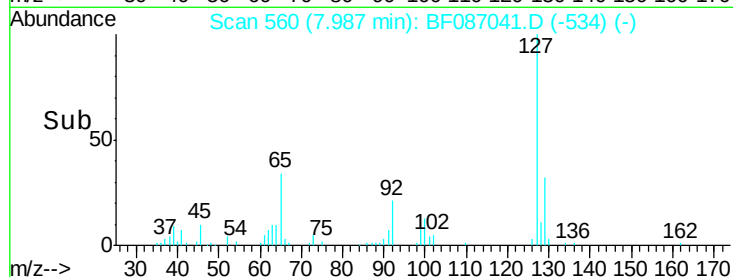
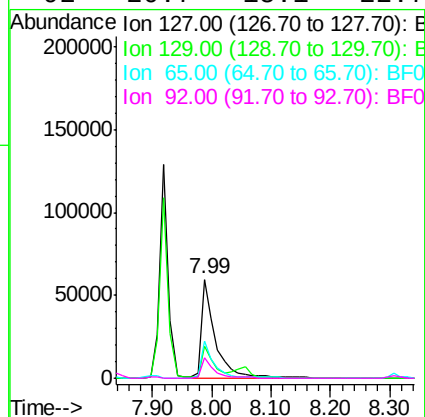
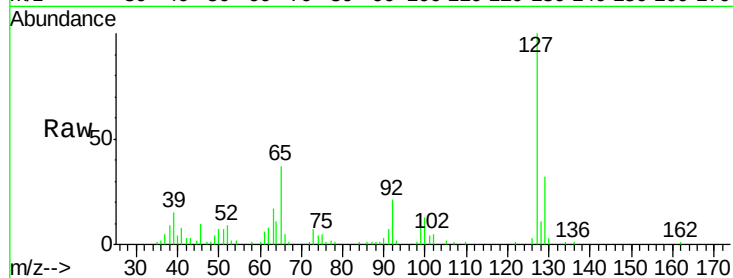
#33
4-Chloroaniline
Concen: 9.19 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.4	26.2	39.4
65	37.5	23.0	34.4
92	20.7	15.1	22.7

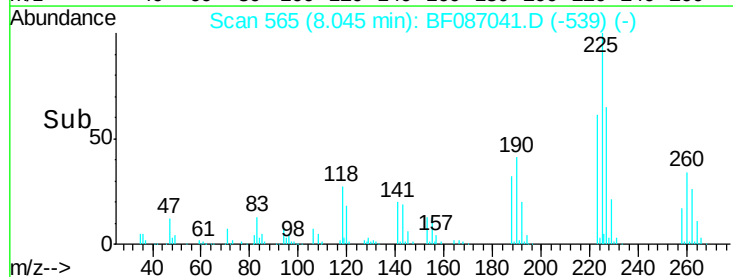
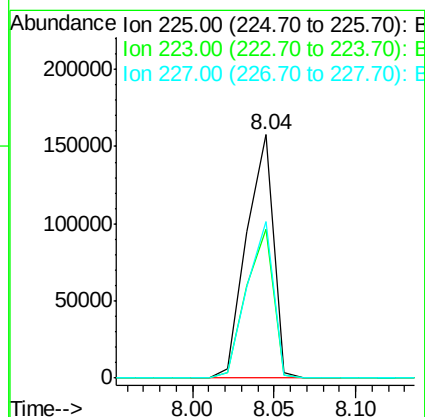
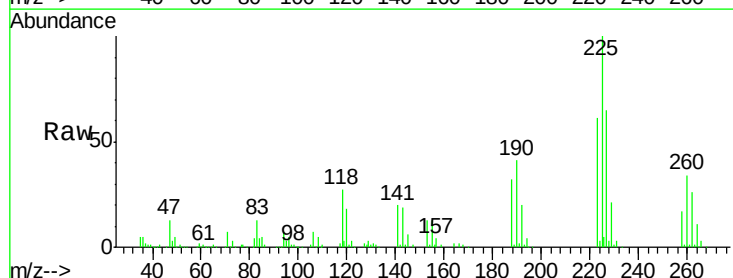
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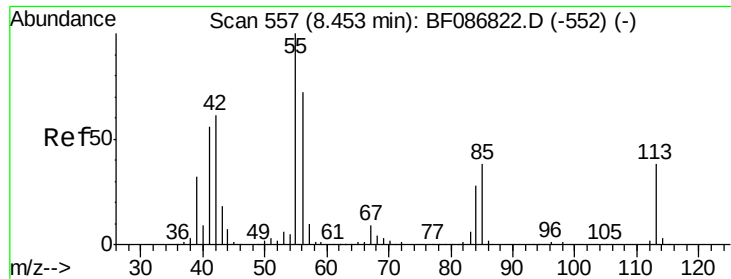
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#34
Hexachlorobutadiene
Concen: 36.72 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.3	51.5	77.3
227	64.5	52.2	78.2





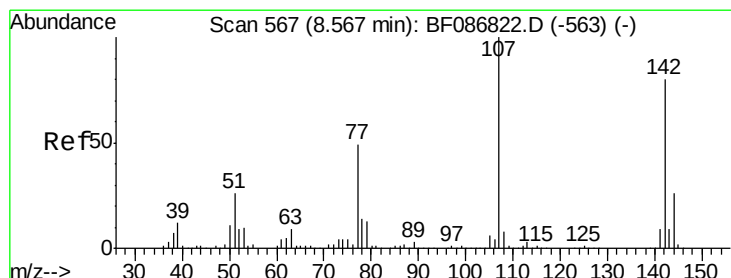
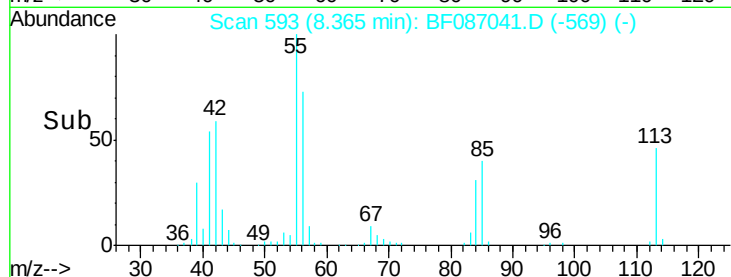
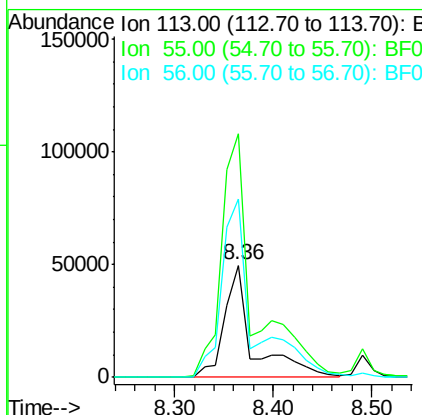
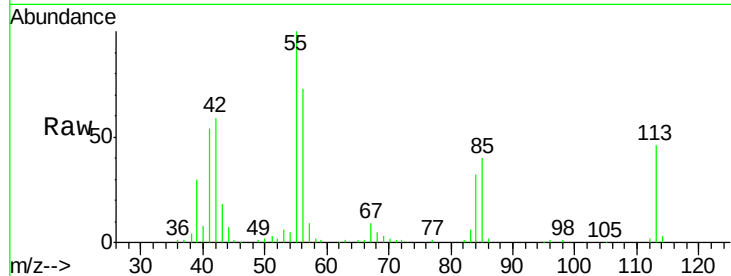
#35
 Caprolactam
 Concen: 38.39 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	98474		
55	217.4	162.0	202.0#	
56	159.2	115.3	155.3#	

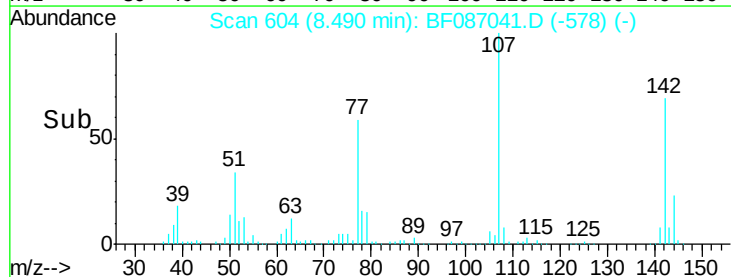
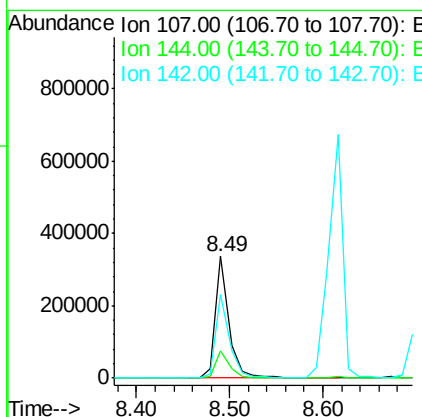
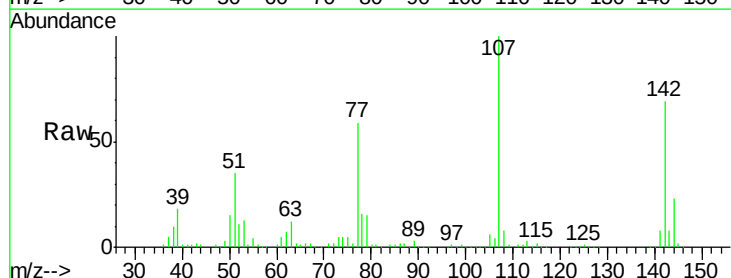
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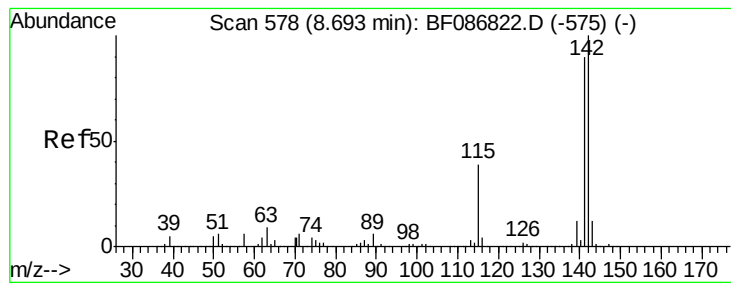
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#36
 4-Chloro-3-methylphenol
 Concen: 36.94 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	337760		
144	22.5	20.7	31.1	
142	68.8	63.2	94.8	





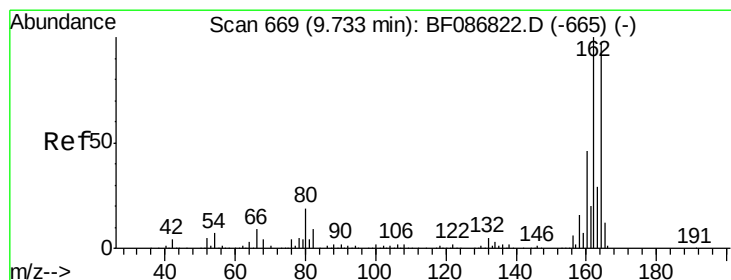
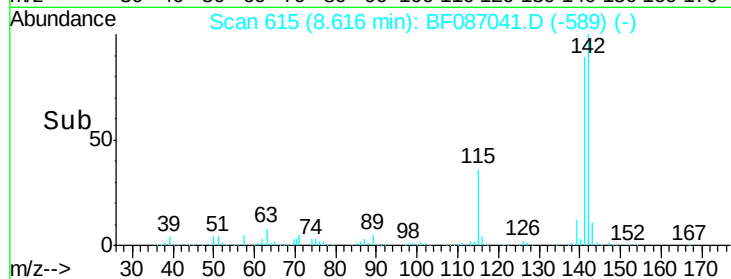
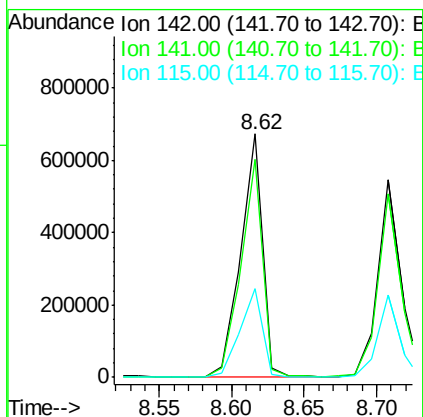
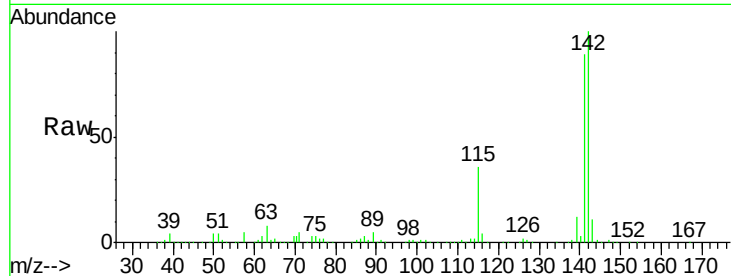
#37
2-Methylnaphthalene
Concen: 43.11 ng
RT: 8.62 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	704943		
141	89.3	71.0	106.6	
115	36.3	26.6	39.8	

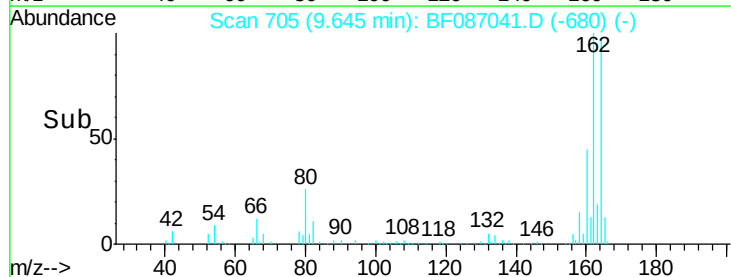
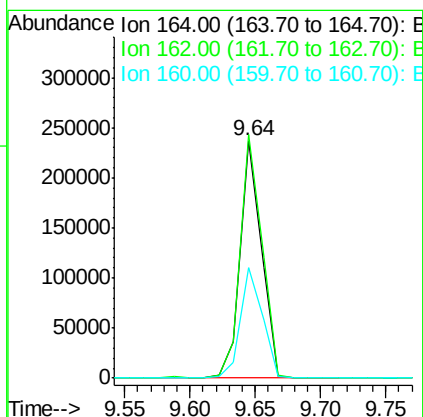
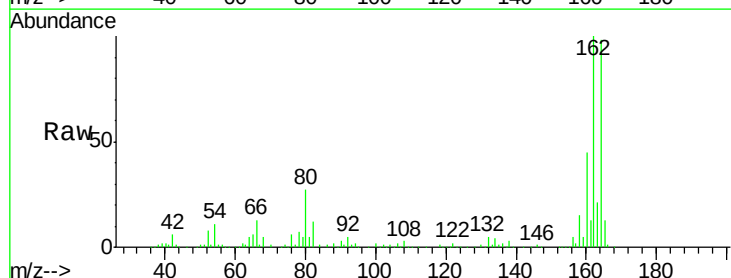
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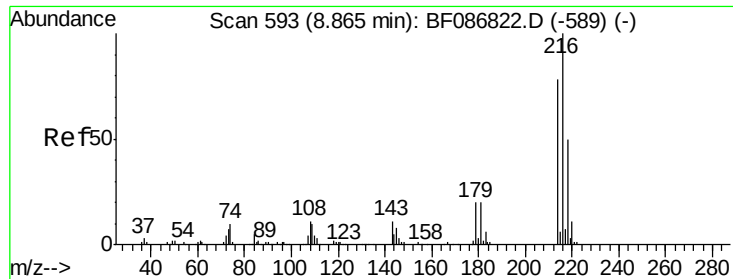
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	266915		
162	102.6	82.8	124.2	
160	46.4	36.9	55.3	





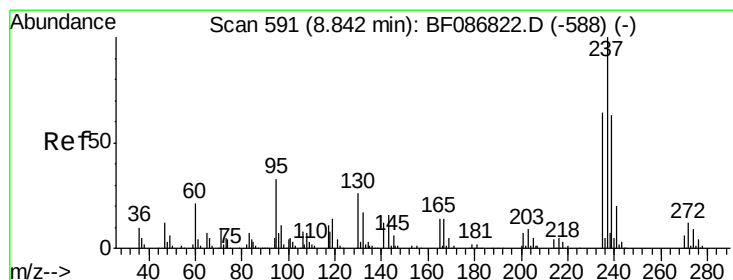
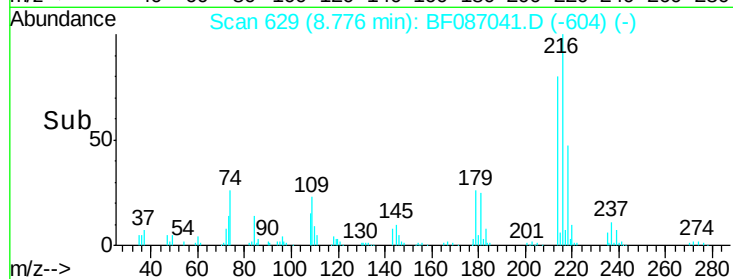
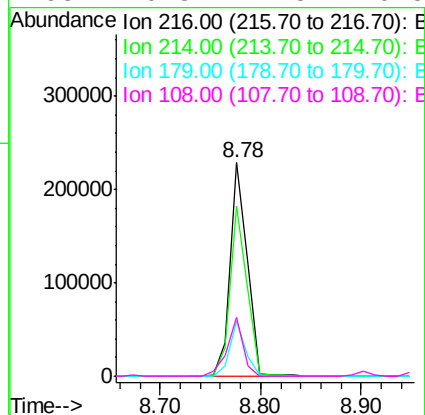
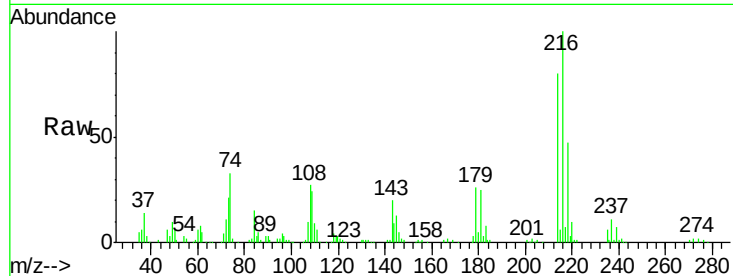
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.71 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	62.6	93.8
179	23.4	18.2	27.4
108	26.3	17.5	26.3#

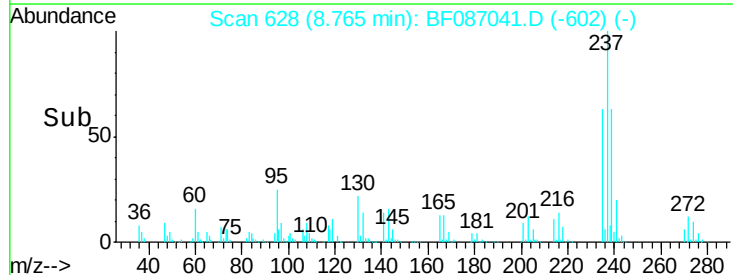
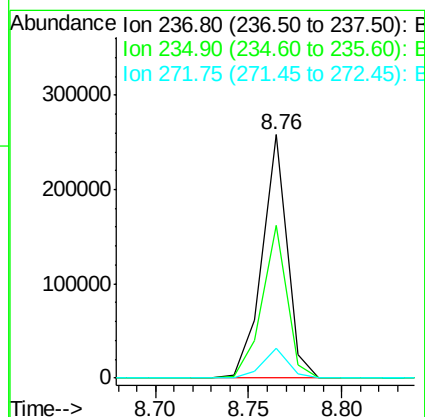
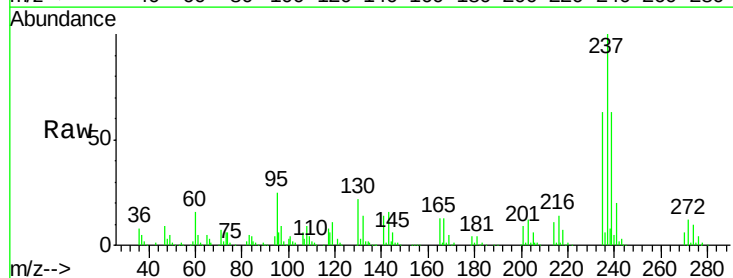
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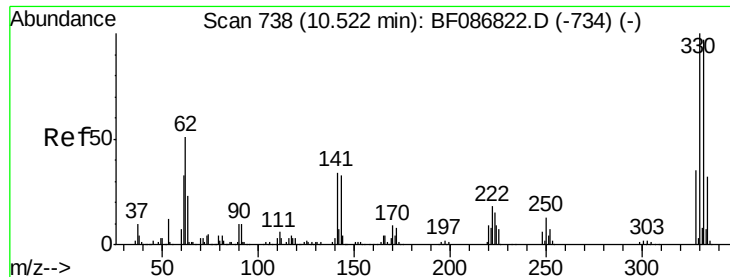
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#40
 Hexachlorocyclopentadiene
 Concen: 64.56 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	47.2	87.2
272	12.4	0.0	31.1





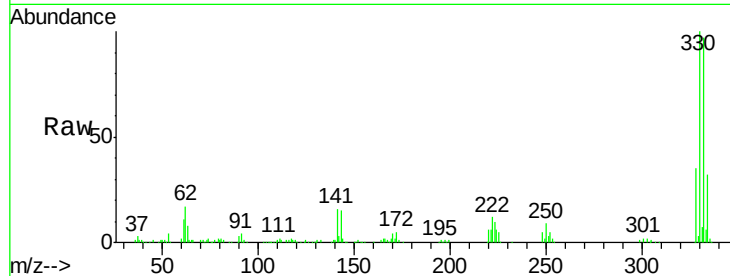
#41
 2,4,6-Tribromophenol
 Concen: 119.88 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

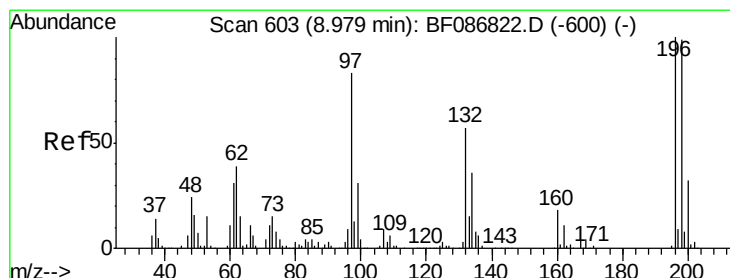
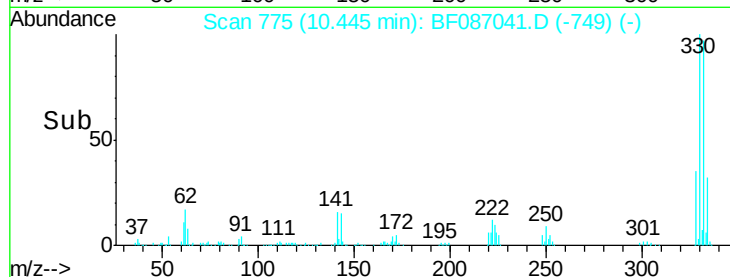
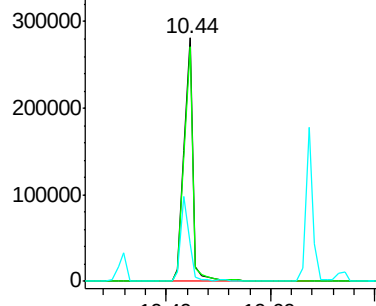
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	338752		
332	95.9	79.0	118.4	
141	33.2	31.2	46.8	

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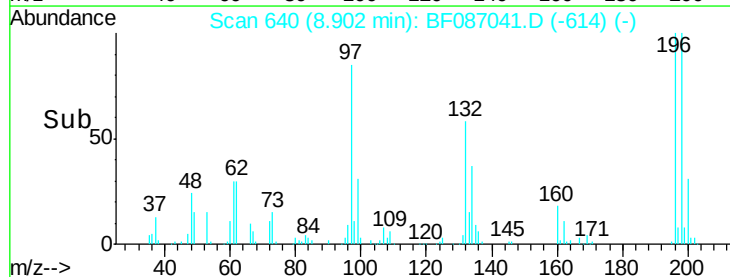
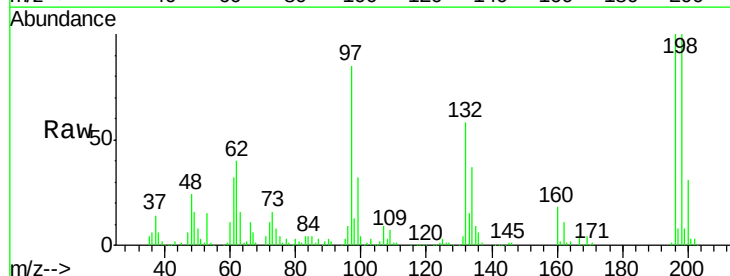
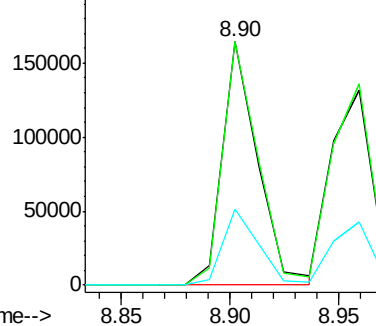
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

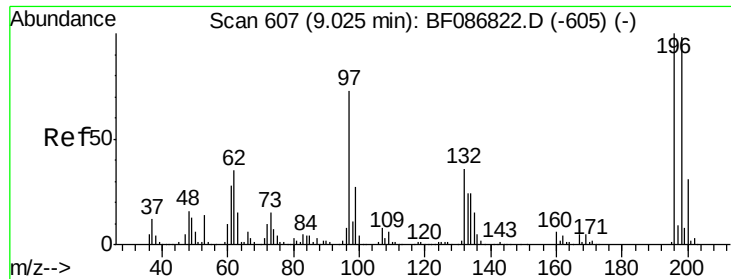


#42
 2,4,6-Trichlorophenol
 Concen: 35.88 ng
 RT: 8.90 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186217		
198	100.0	74.7	112.1	
200	31.1	23.8	35.6	

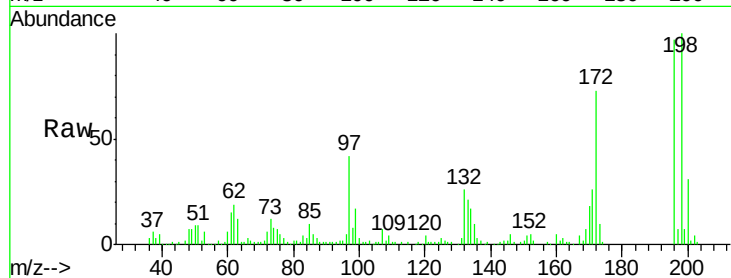
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 34.73 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

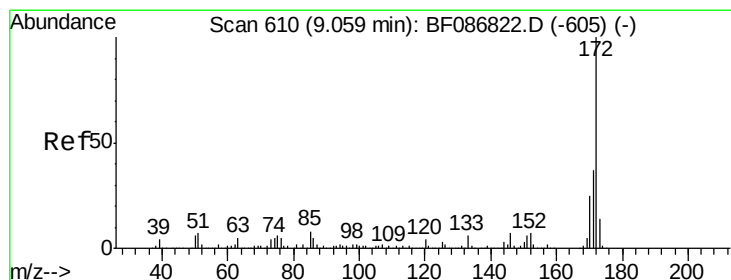
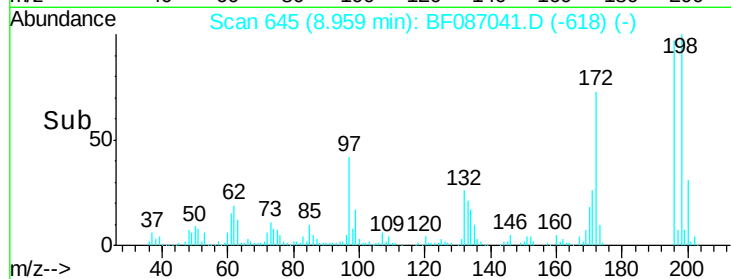
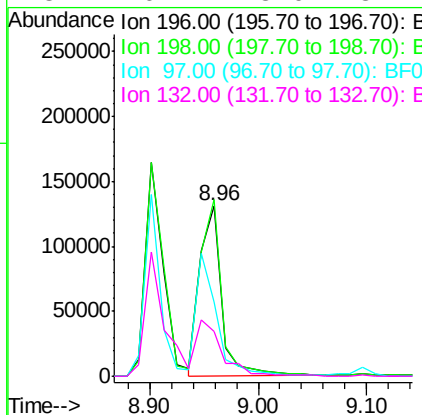
Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD



Tgt Ion	Resp	Lower	Upper
196	186390		
196	100		
198	103.3	77.5	116.3
97	43.3	34.8	52.2
132	26.4	23.0	34.4

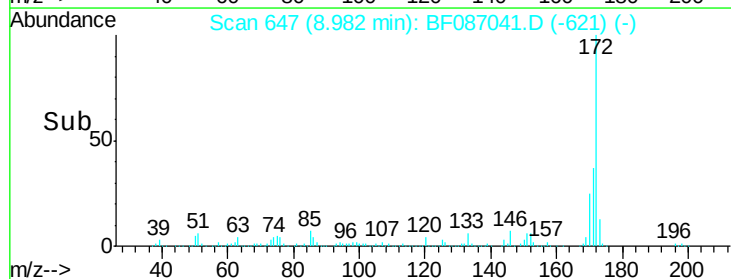
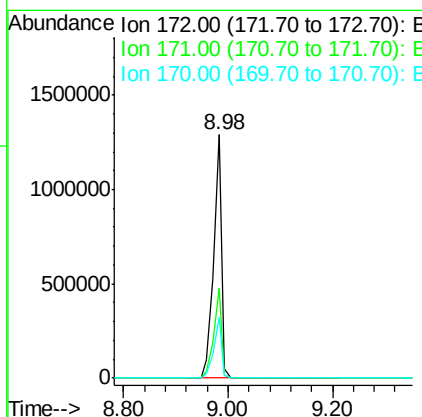
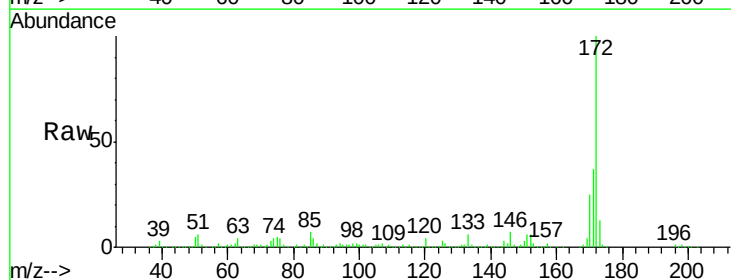
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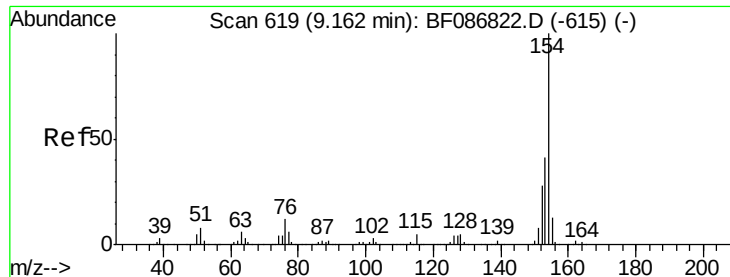
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#44
 2-Fluorobiphenyl
 Concen: 85.91 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Resp	Lower	Upper
172	1364357		
172	100		
171	36.8	29.0	43.6
170	24.8	19.8	29.8





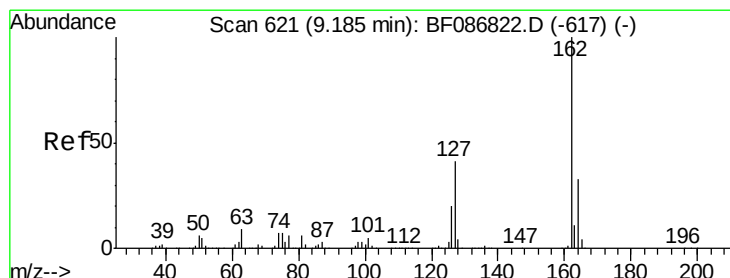
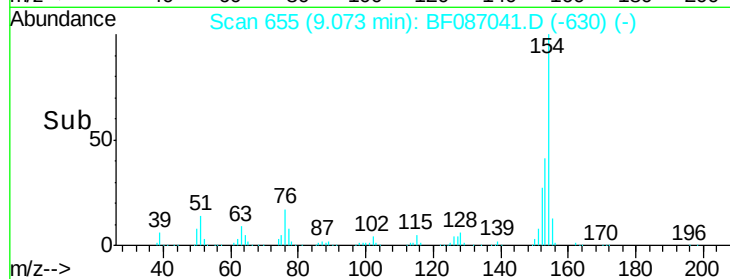
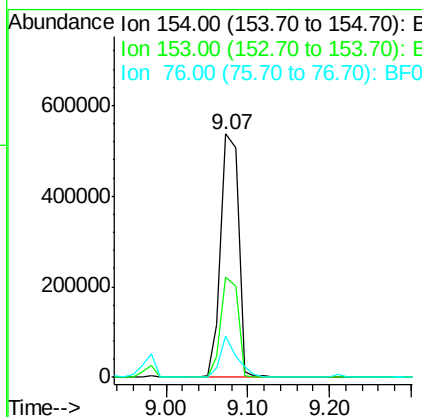
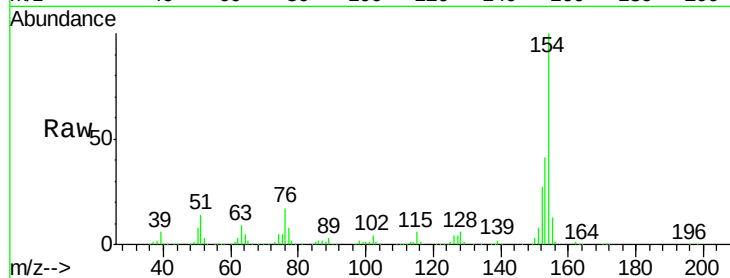
#45
 1,1'-Biphenyl
 Concen: 38.50 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion:	154	Resp:	817334
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.3	60.3
76	17.2	0.0	30.2

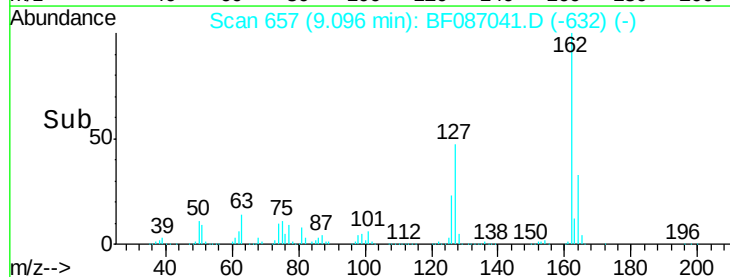
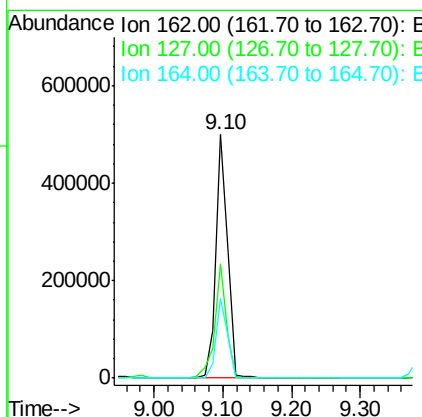
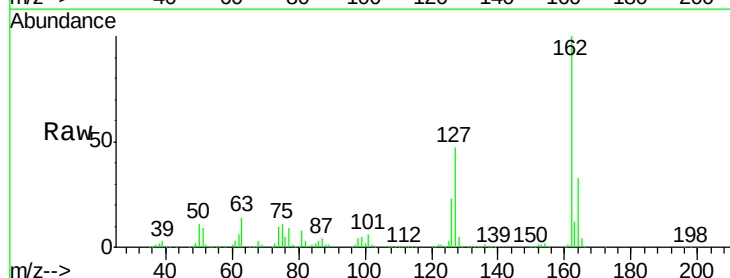
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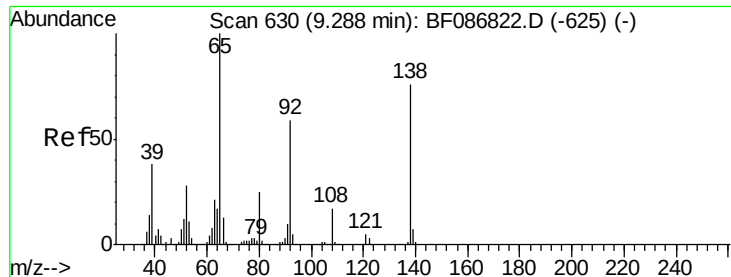
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#46
 2-Chloronaphthalene
 Concen: 36.34 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion:	162	Resp:	604437
Ion Ratio	Lower	Upper	
162	100		
127	46.9	31.8	47.6
164	32.6	27.0	40.6





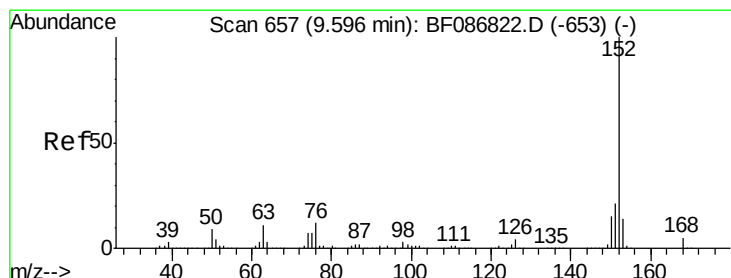
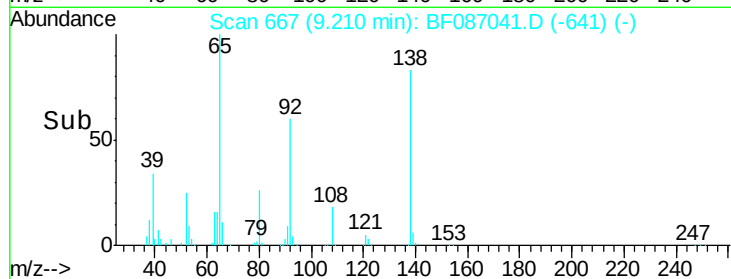
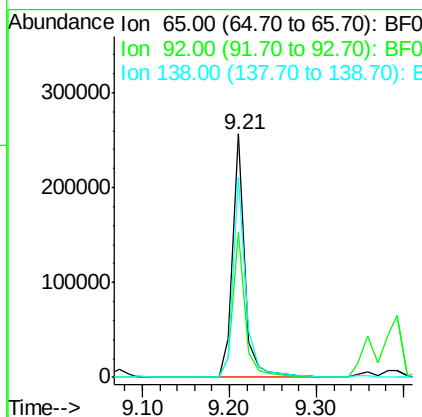
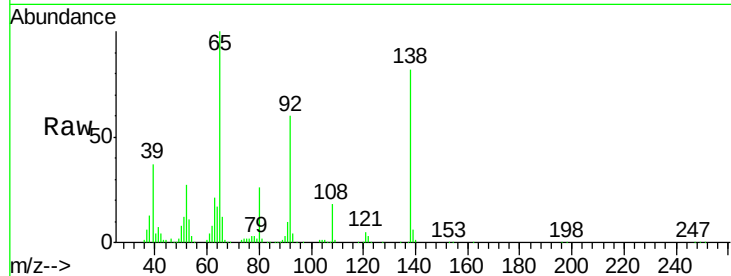
#47
 2-Nitroaniline
 Concen: 41.29 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	251006		
92	59.7	57.4	86.2	
138	82.0	90.1	135.1#	

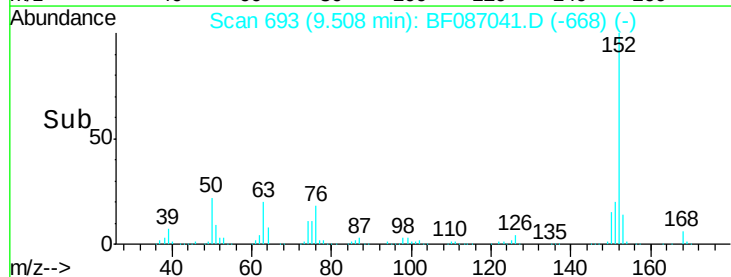
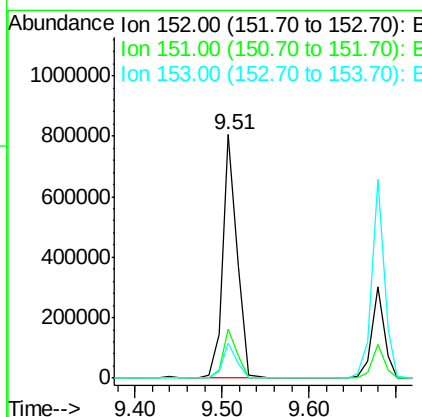
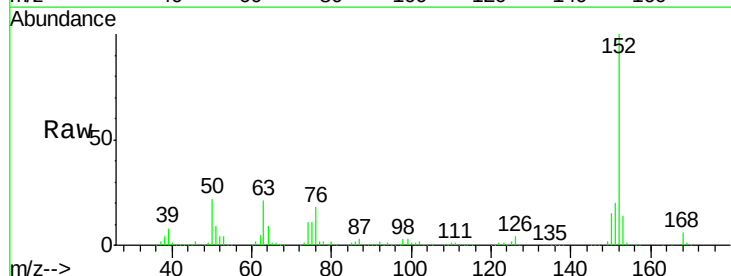
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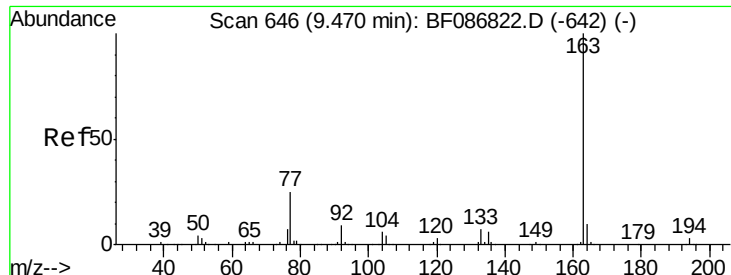
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#48
 Acenaphthylene
 Concen: 38.08 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	931650		
151	20.3	16.8	25.2	
153	14.3	10.9	16.3	





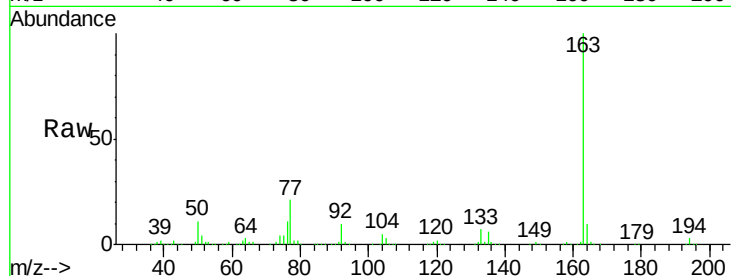
#49
Dimethylphthalate
Concen: 38.85 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

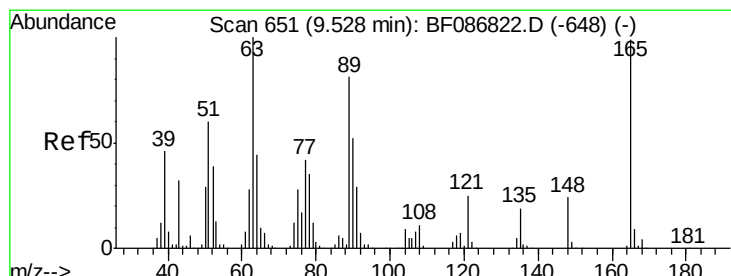
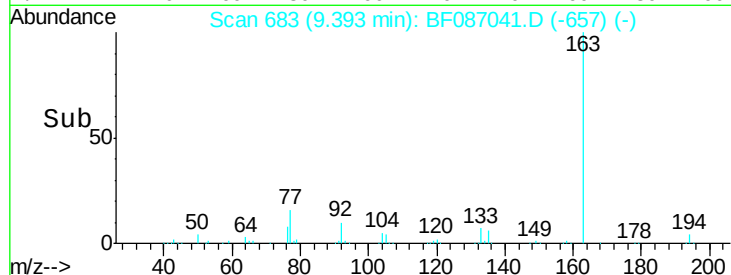
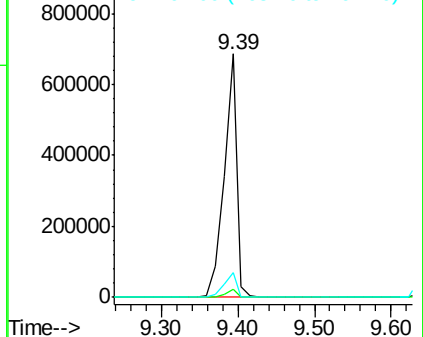
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.0	8.2	12.4

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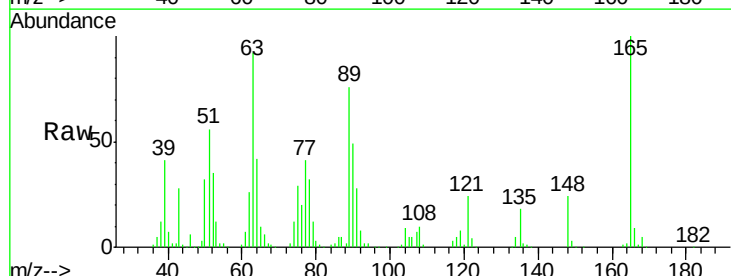


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

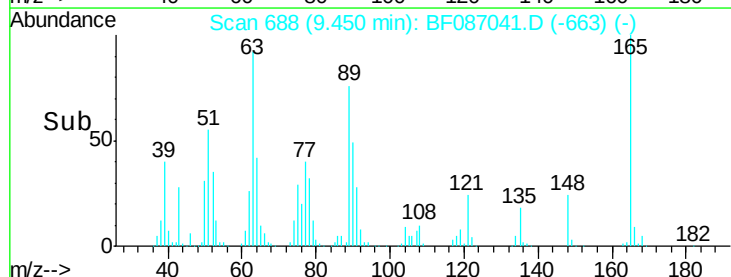
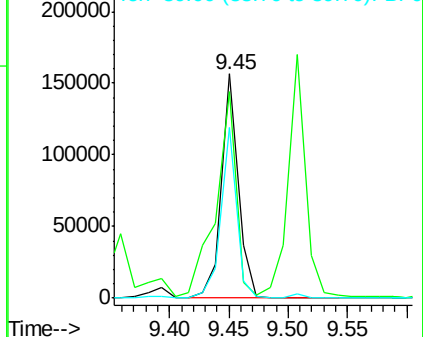


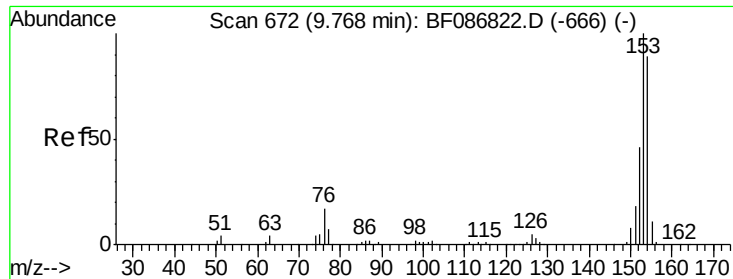
#50
2,6-Dinitrotoluene
Concen: 35.86 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	91.9	51.8	77.8#
89	76.3	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: 37.99 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

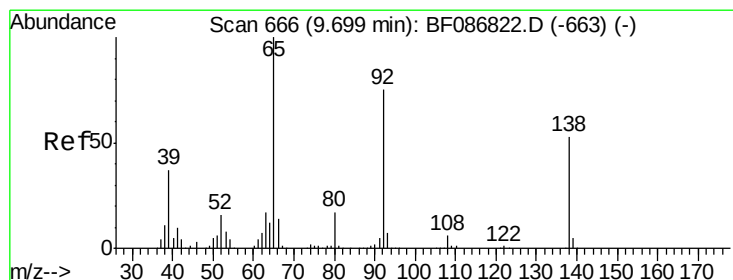
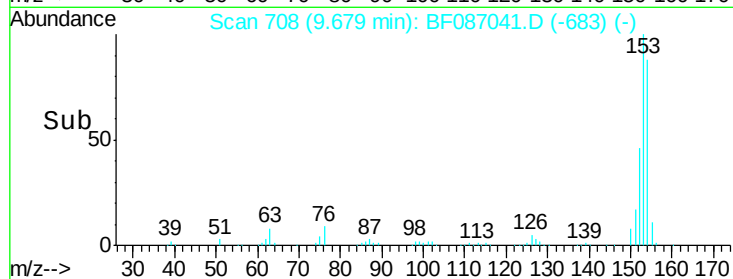
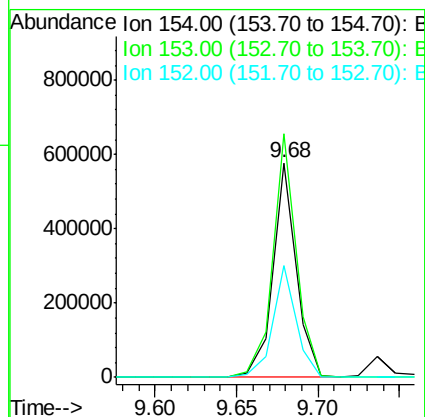
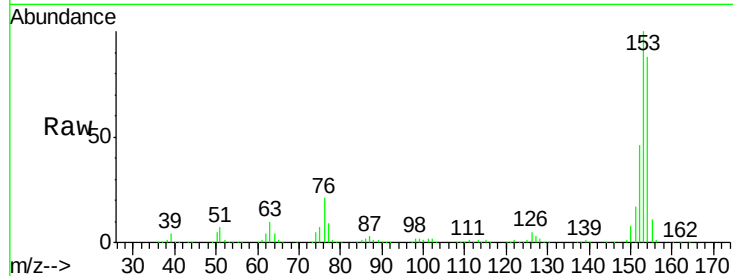
ClientSampleId :

PB90466BSD

Tgt Ion:	154	Resp:	578255
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.8	134.6
152	52.1	43.4	65.0

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#52

3-Nitroaniline

Concen: 15.08 ng

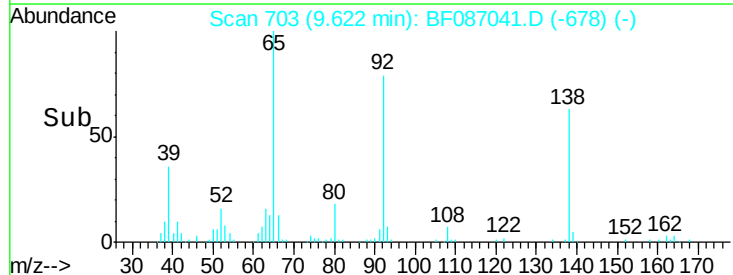
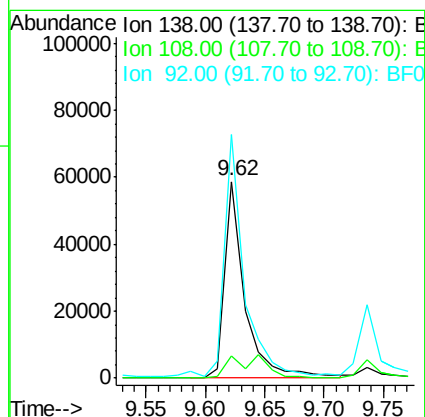
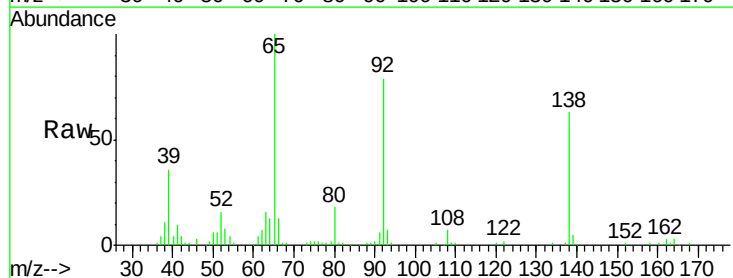
RT: 9.62 min Scan# 703

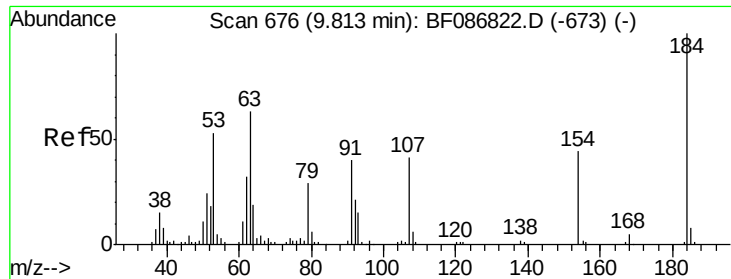
Delta R.T. -0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	138	Resp:	68036
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	124.0	87.8	131.8





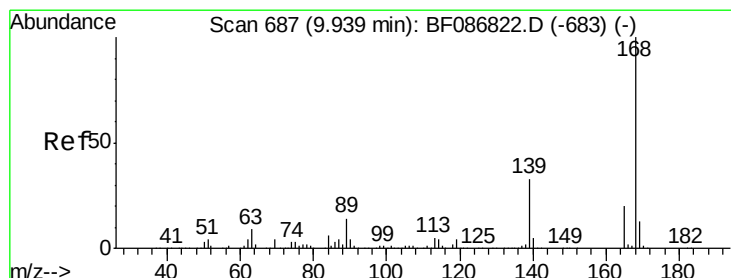
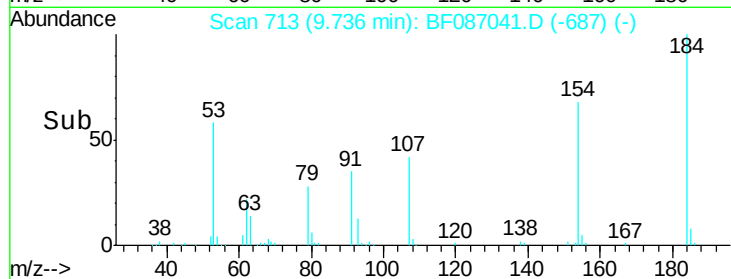
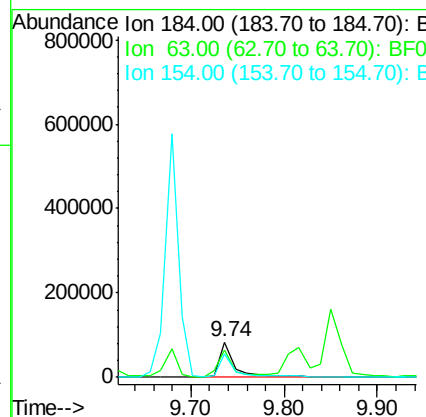
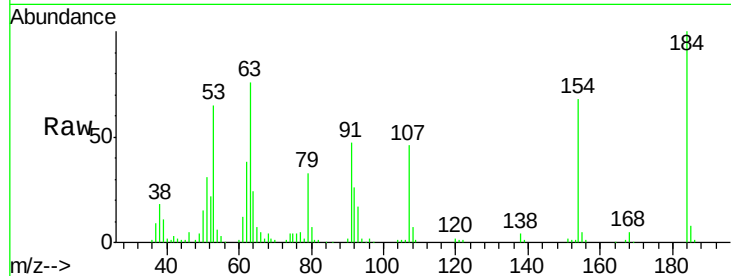
#53
2,4-Dinitrophenol
Concen: 48.57 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99060		
63	76.2	55.8	83.8	
154	67.7	62.4	93.6	

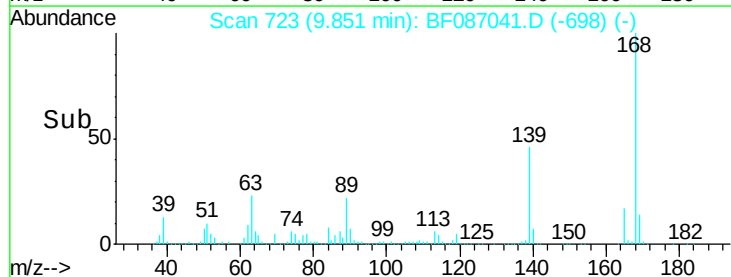
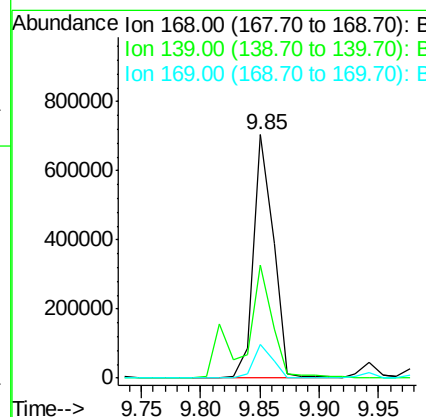
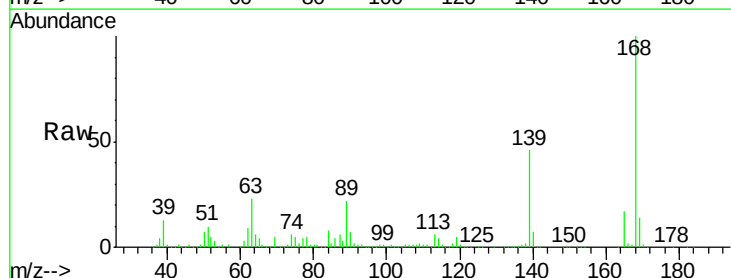
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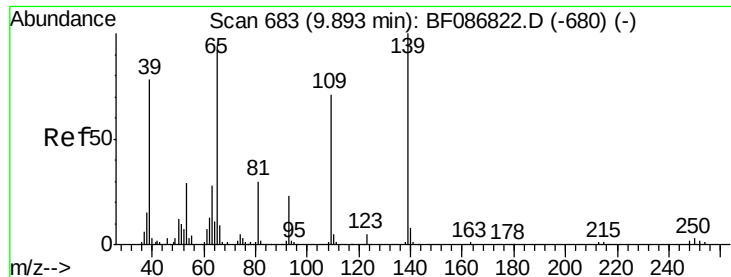
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#54
Dibenzofuran
Concen: 42.46 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	829527		
139	46.2	31.4	47.0	
169	13.9	10.7	16.1	





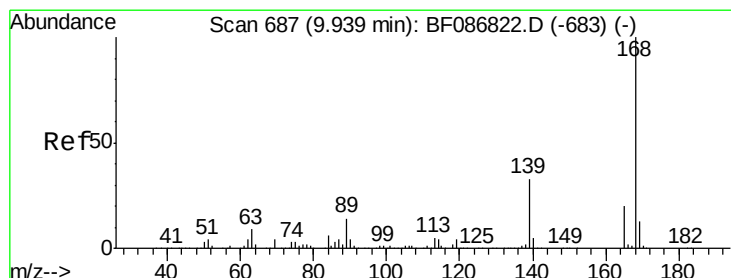
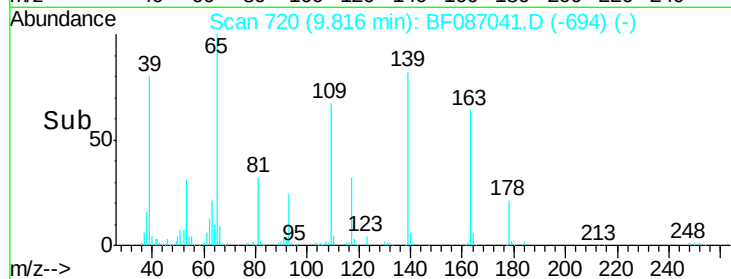
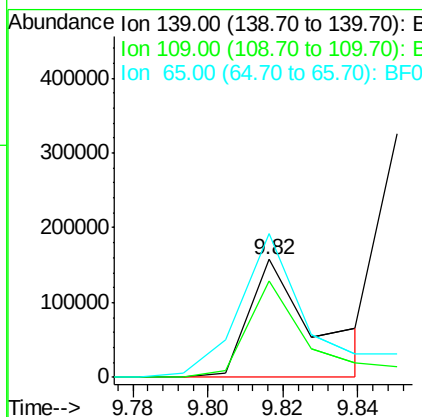
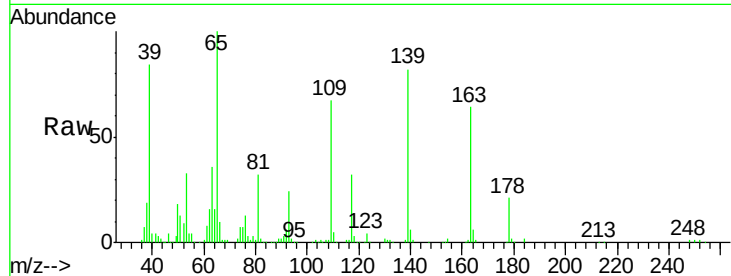
#55
4-Nitrophenol
Concen: 65.62 ng m
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194791		
109	82.1	36.9	76.9#	
65	122.2	64.0	104.0#	

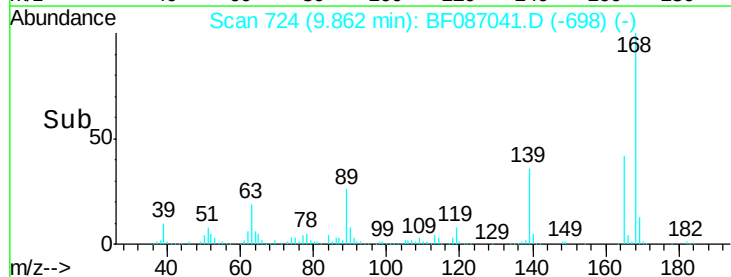
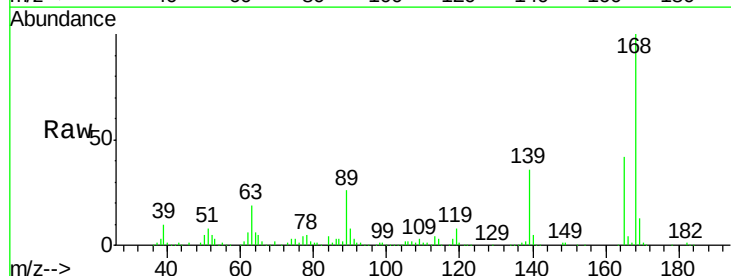
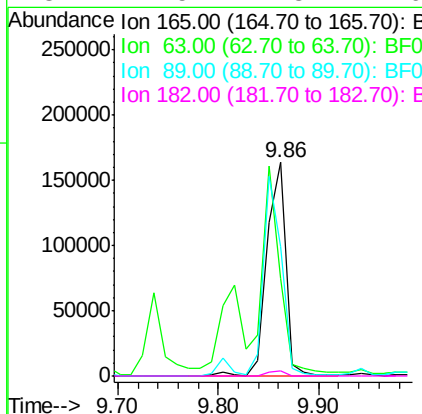
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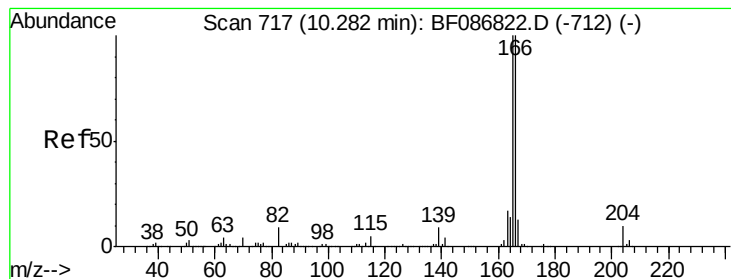
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#56
2,4-Dinitrotoluene
Concen: 40.35 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213997		
63	45.5	44.3	66.5	
89	60.8	70.0	105.0#	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 37.36 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

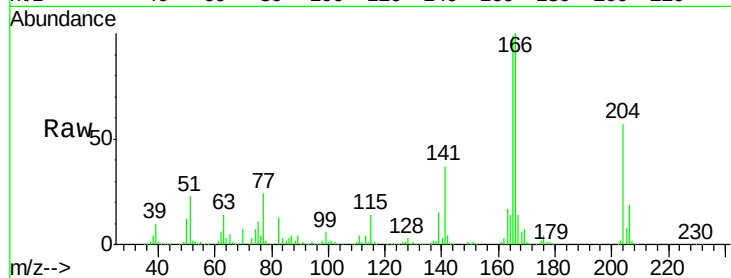
ClientSampleId :

PB90466BSD

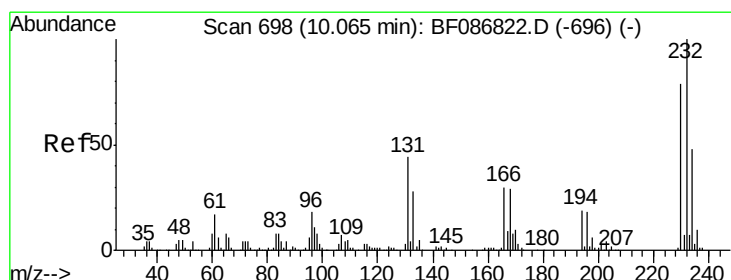
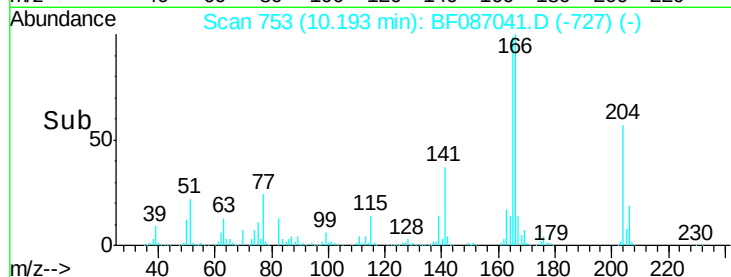
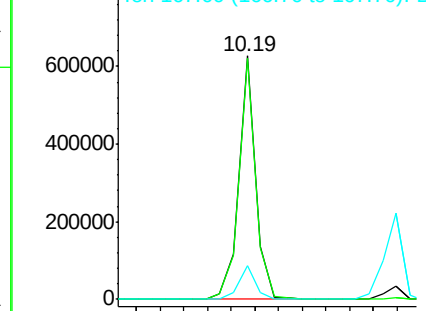
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	622511		
165	98.8	79.0	118.6	
167	13.7	10.6	15.8	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.47 ng

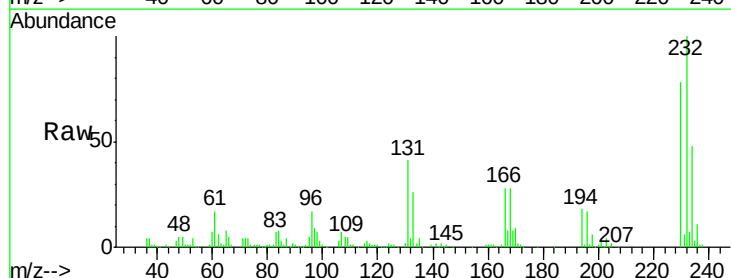
RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

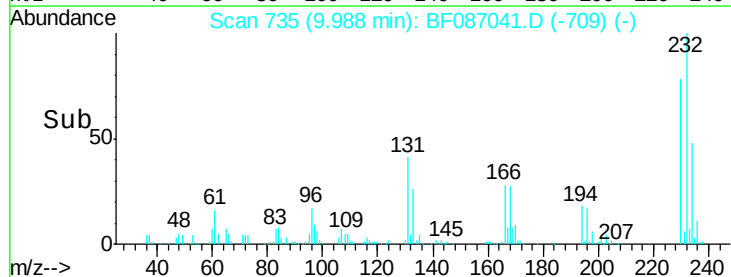
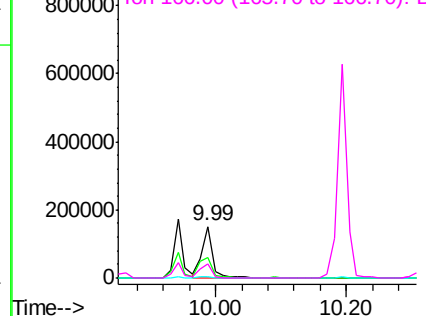
Lab File: BF087041.D

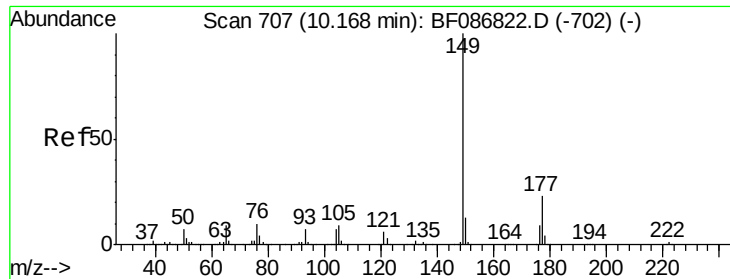
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	171599		
131	50.8	41.9	62.9	
130	2.5	2.2	3.4	
166	30.5	26.8	40.2	



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





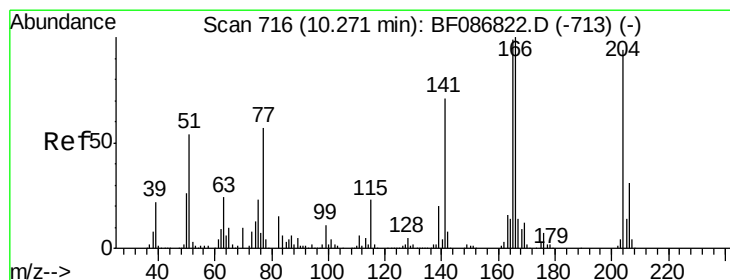
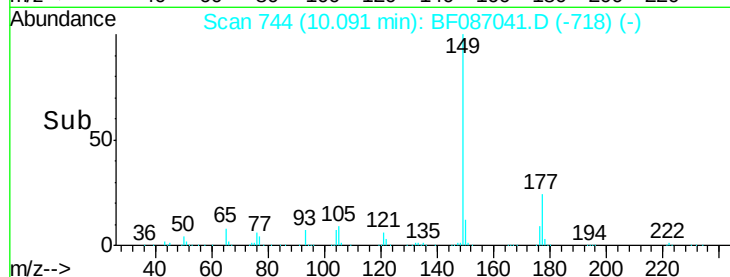
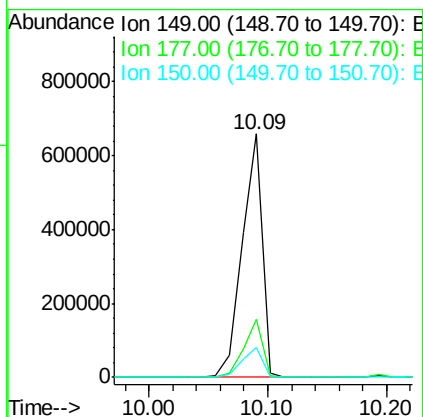
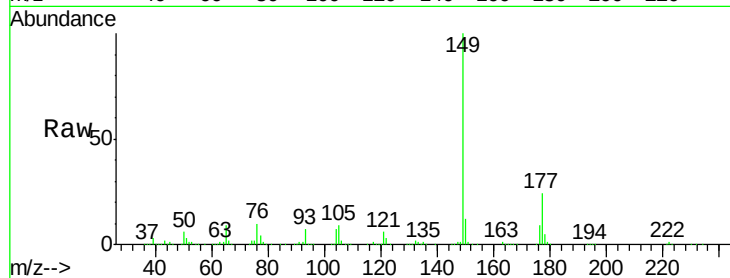
#59
Diethylphthalate
Concen: 39.20 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	777889		
177	23.7	16.6	24.8	
150	12.4	10.0	15.0	

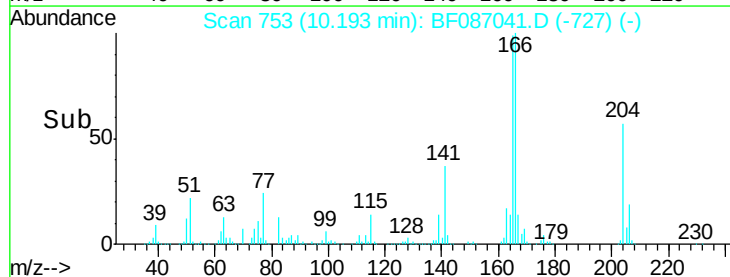
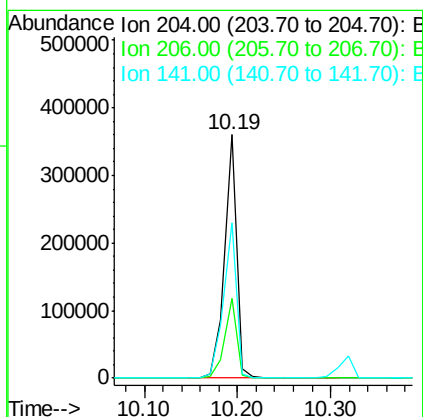
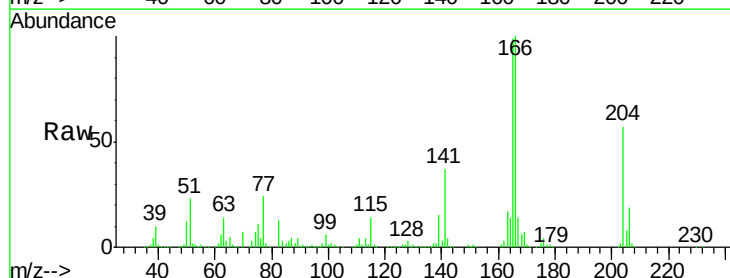
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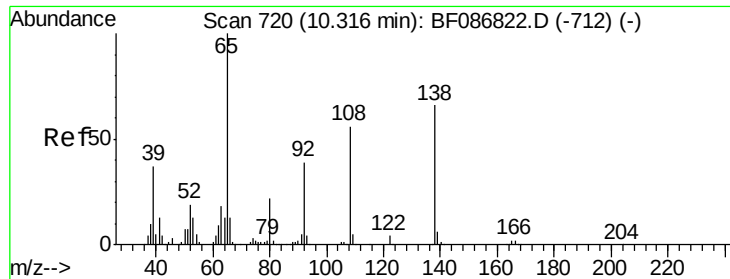
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#60
4-Chlorophenyl-phenylether
Concen: 44.70 ng
RT: 10.19 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	324522		
206	33.0	25.4	38.0	
141	63.8	61.6	92.4	





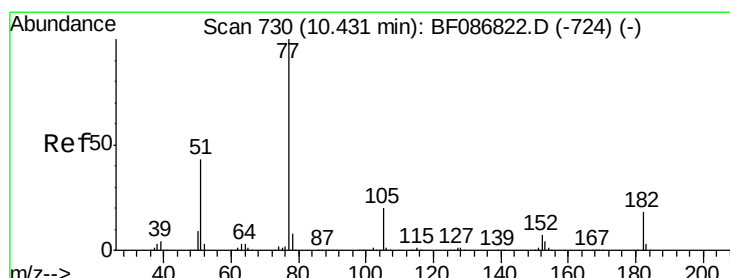
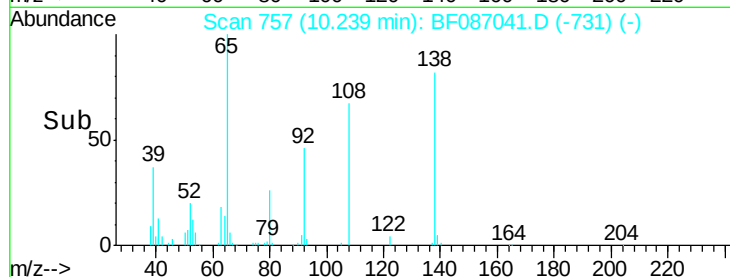
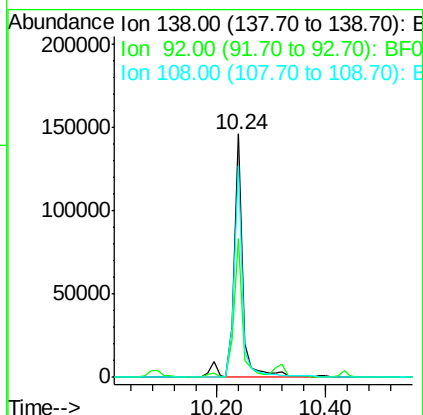
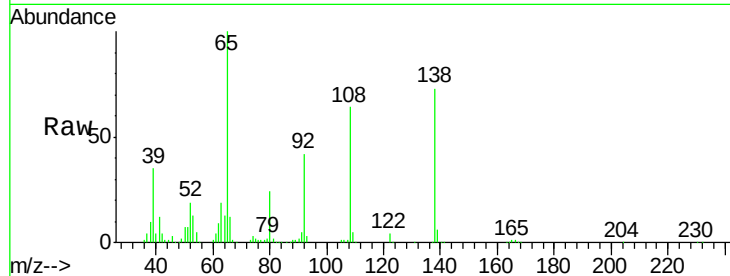
#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	163768		
92	56.7	24.7	64.7	
108	87.1	37.4	77.4#	

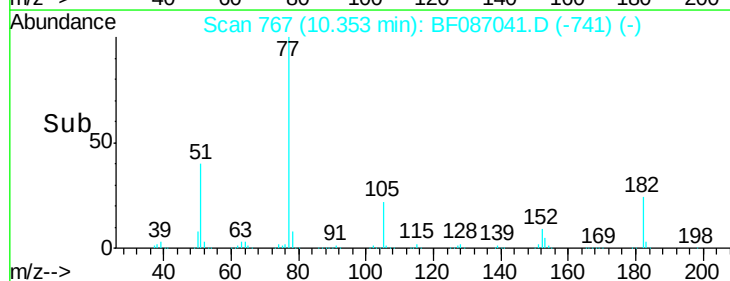
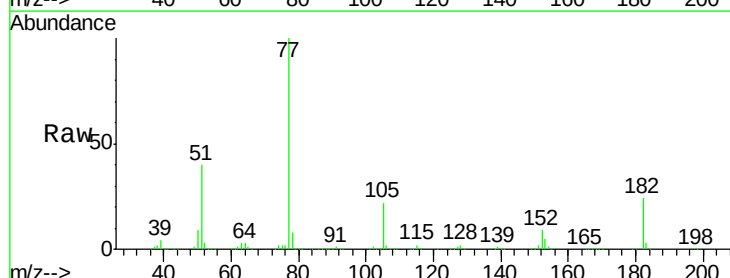
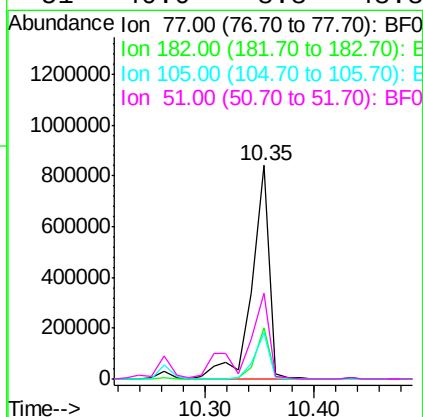
Manual Integrations
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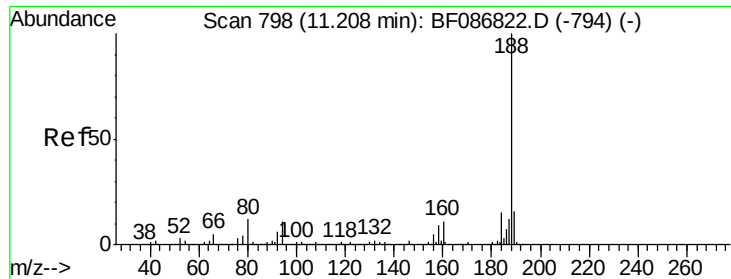
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#62
Azobenzene
Concen: 43.34 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	927799		
182	23.8	0.0	38.8	
105	21.7	3.2	43.2	
51	40.0	8.8	48.8	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

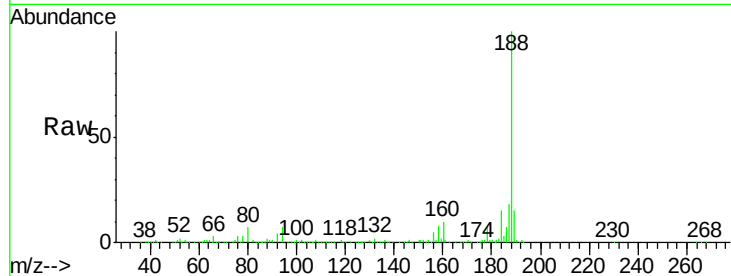
ClientSampleId :

PB90466BSD

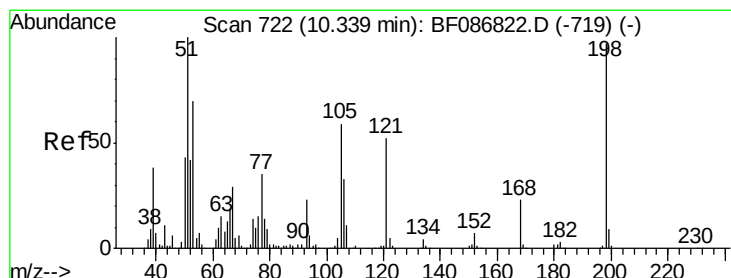
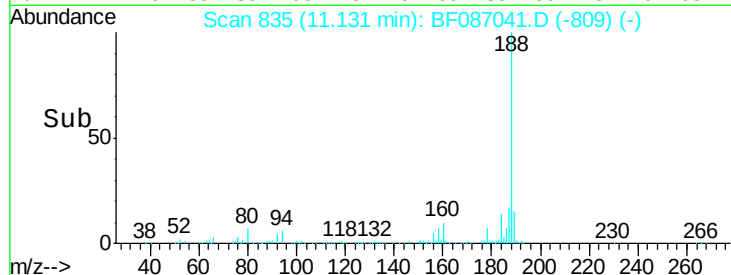
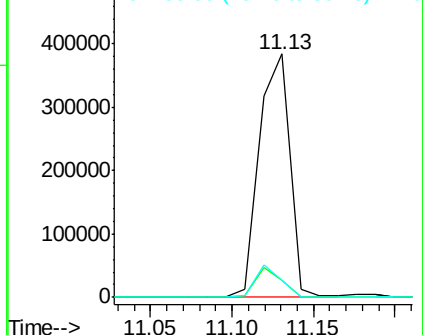
Tgt Ion:	188	Resp:	504558
Ion Ratio	Lower	Upper	
188	100		
94	7.0	6.8	10.2
80	7.2	7.1	10.7

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 30.09 ng

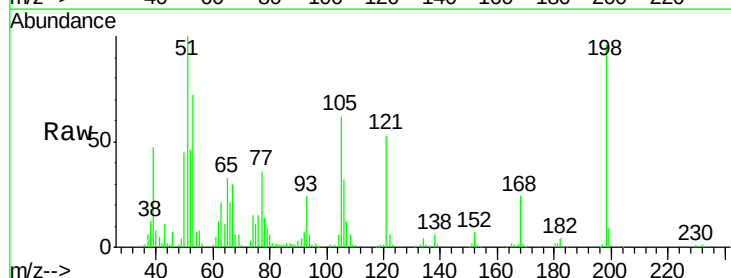
RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

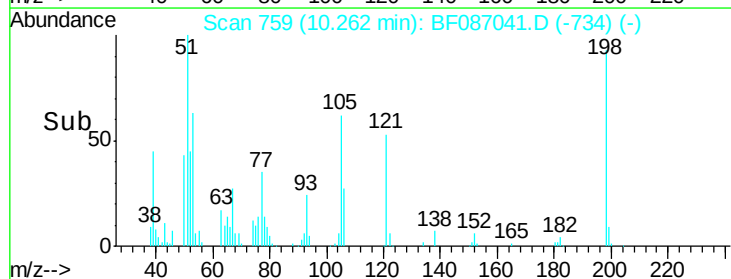
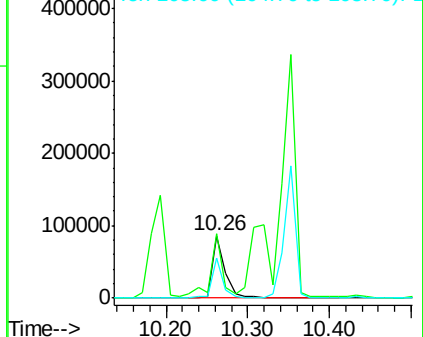
Lab File: BF087041.D

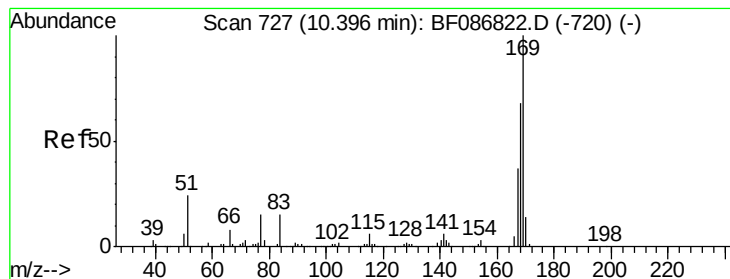
Acq: 15 May 2016 1:31

Tgt Ion:	198	Resp:	94321
Ion Ratio	Lower	Upper	
198	100		
51	104.0	20.5	60.5#
105	64.0	24.5	64.5



Abundance Ion 198.00 (197.70 to 198.70): E





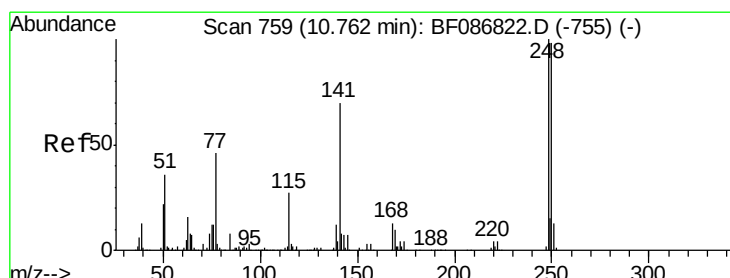
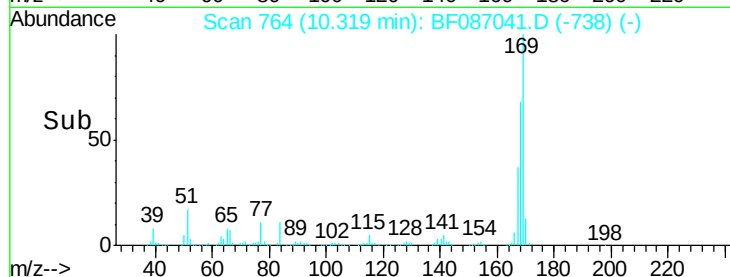
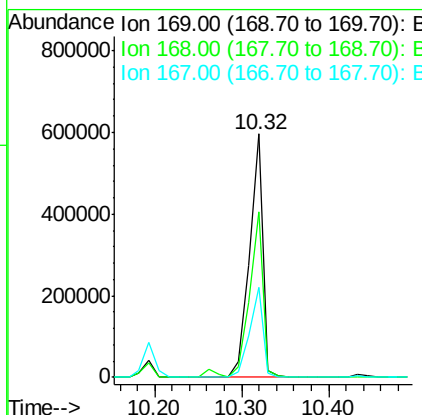
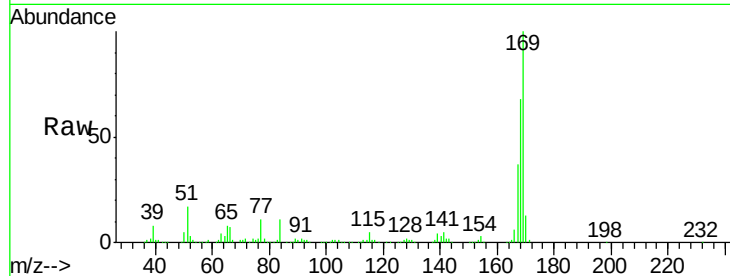
#65
n-Nitrosodiphenylamine
Concen: 41.70 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	646336		
168	67.9	53.8	80.6	
167	37.1	29.5	44.3	

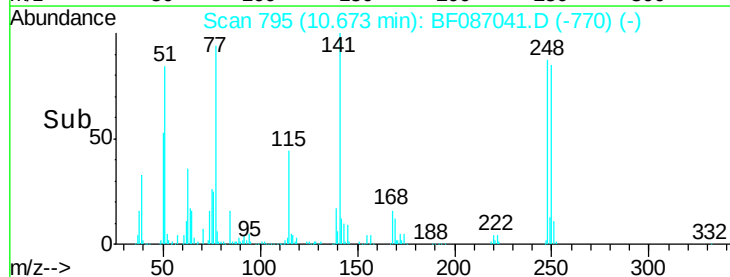
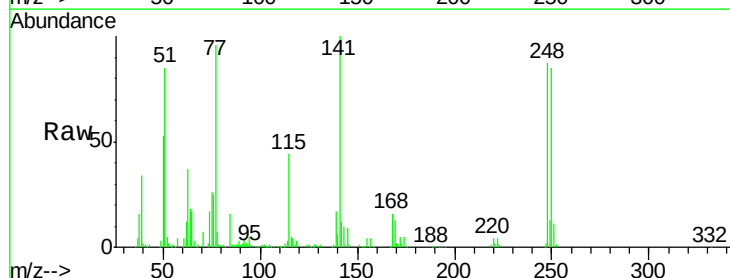
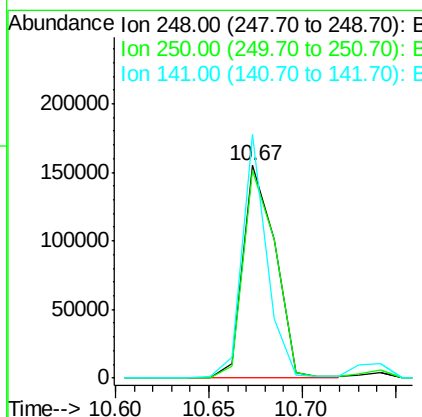
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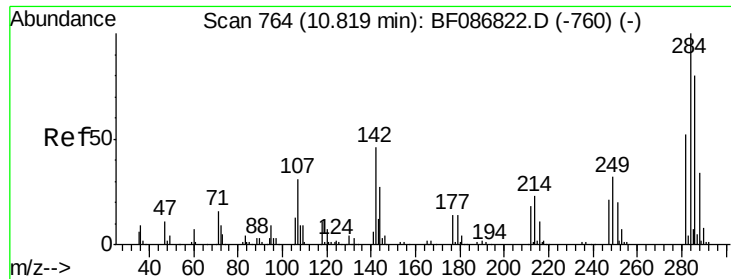
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#66
4-Bromophenyl-phenylether
Concen: 36.60 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	187254		
250	97.9	78.6	117.8	
141	114.7	76.0	114.0#	





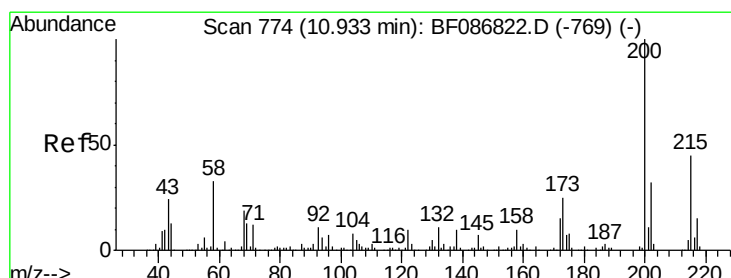
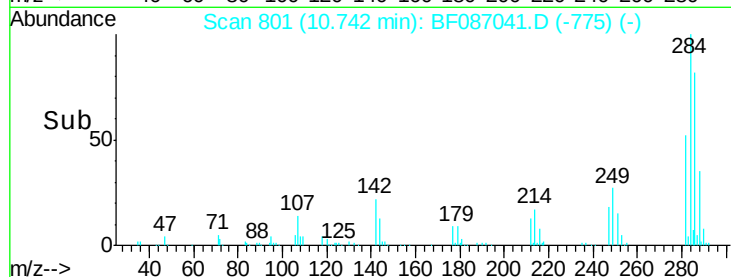
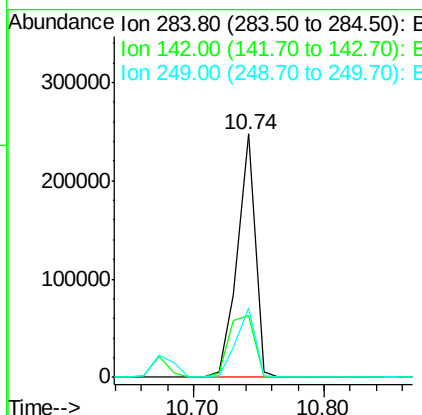
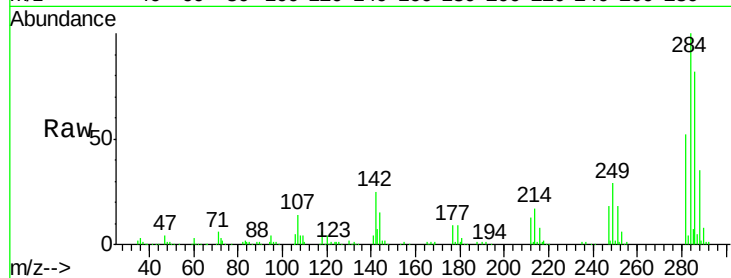
#67
Hexachlorobenzene
Concen: 39.58 ng
RT: 10.74 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	236629		
142	25.5	16.7	25.1#	
249	28.7	21.3	31.9	

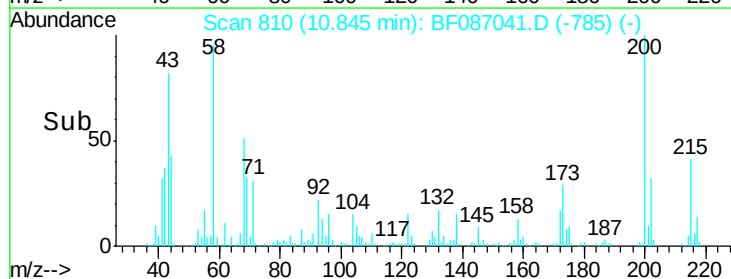
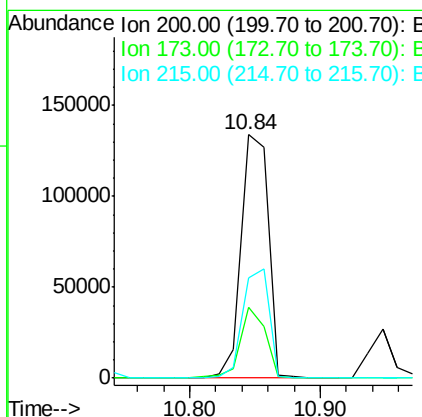
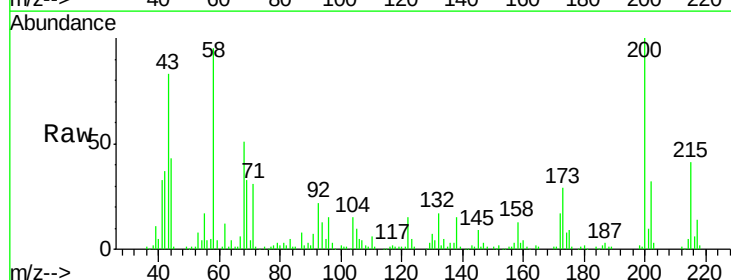
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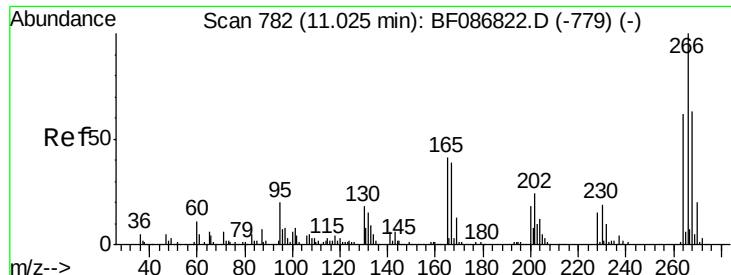
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#68
Atrazine
Concen: 37.37 ng
RT: 10.84 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	193501		
173	29.2	8.5	48.5	
215	41.1	27.2	67.2	





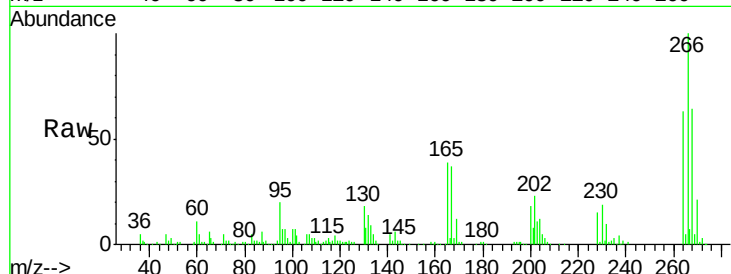
#69
 Pentachlorophenol
 Concen: 69.40 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

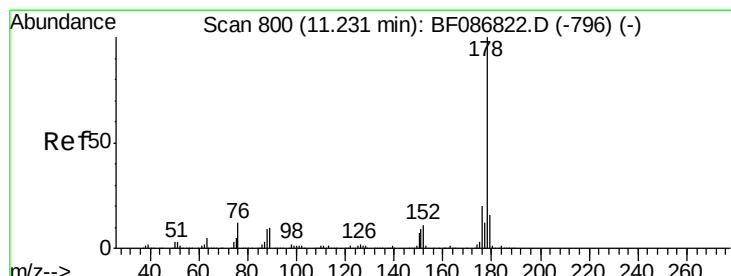
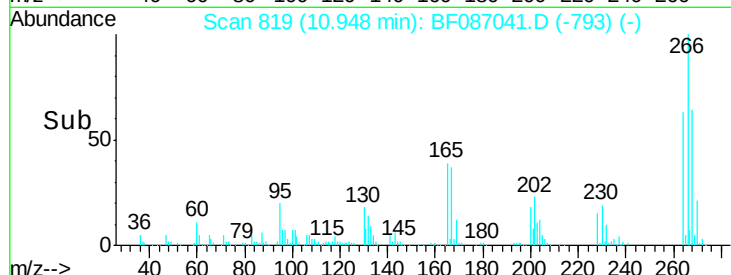
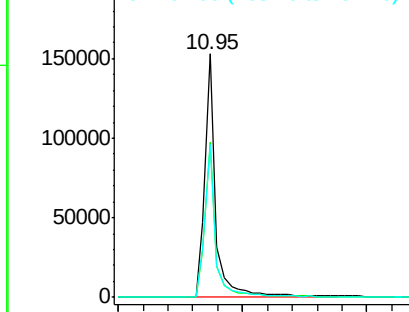
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	191742		
268	63.8	51.5	77.3	
264	62.6	52.9	79.3	

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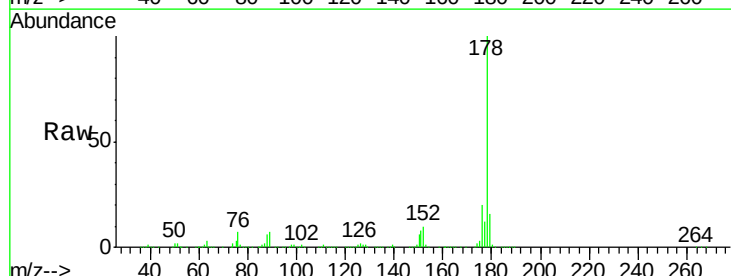


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

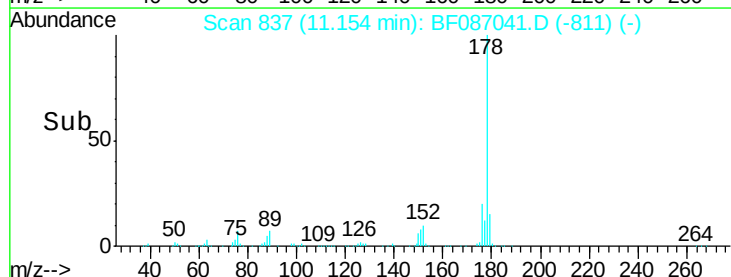
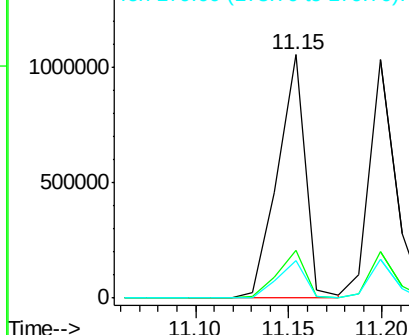


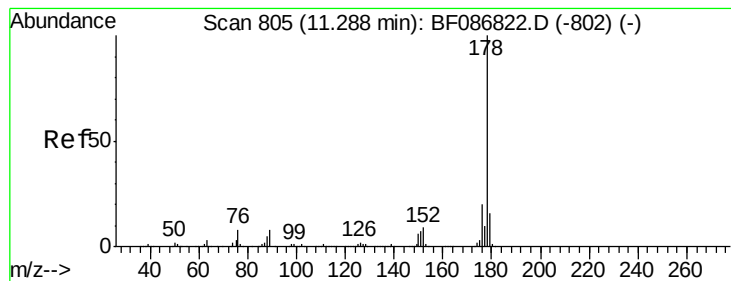
#70
 Phenanthrene
 Concen: 40.27 ng
 RT: 11.15 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1084251		
176	19.8	16.0	24.0	
179	15.6	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: 36.56 ng

RT: 11.20 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF087041.D

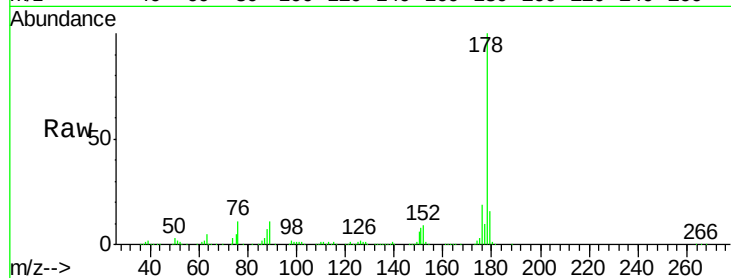
Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD



Tgt Ion:178 Resp: 1006797

Ion Ratio Lower Upper

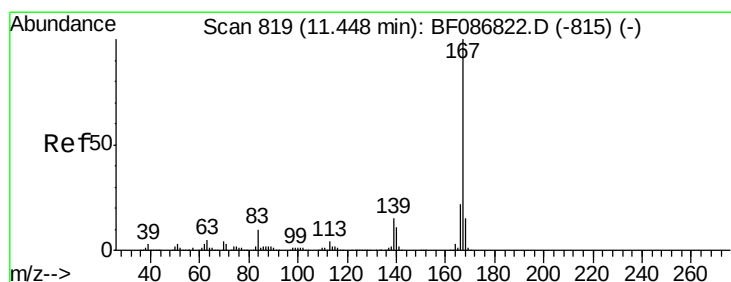
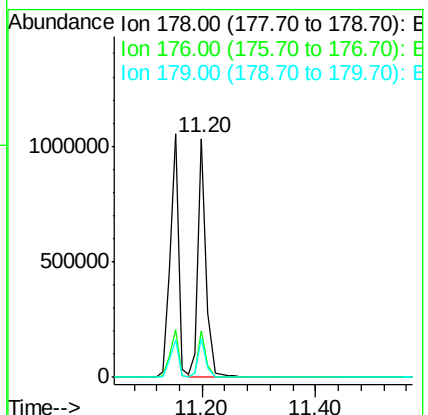
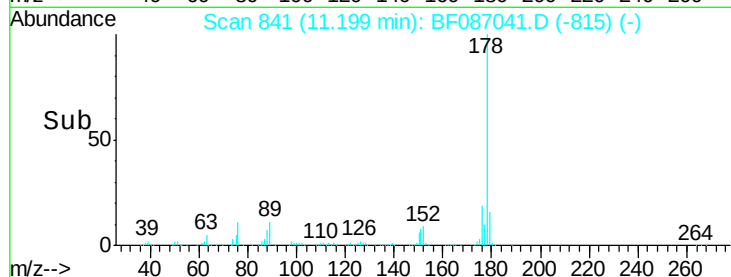
178 100

176 19.4 15.6 23.4

179 16.0 12.7 19.1

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#72

Carbazole

Concen: 41.24 ng

RT: 11.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

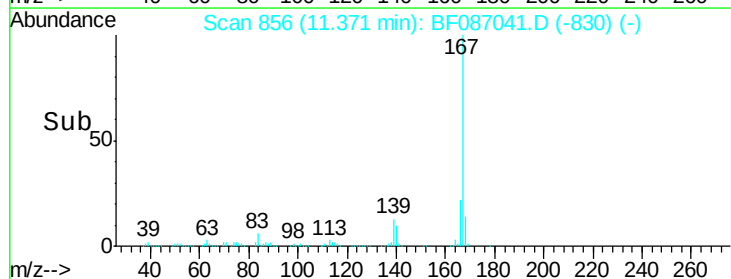
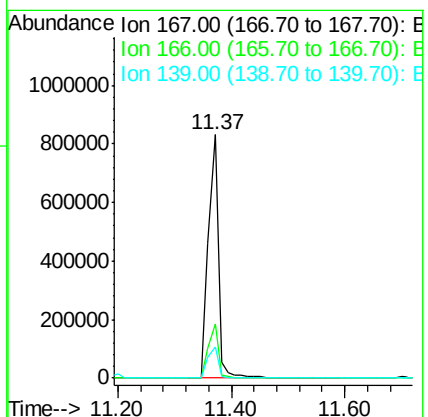
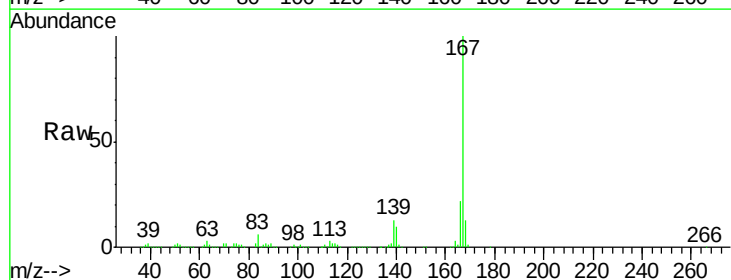
Tgt Ion:167 Resp: 976210

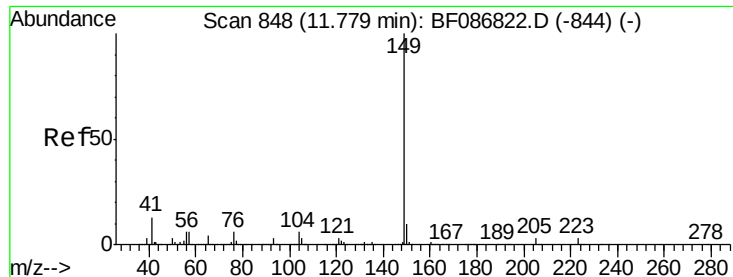
Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 12.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.52 ng

RT: 11.70 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

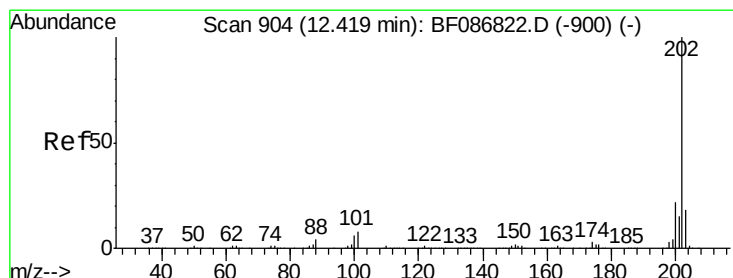
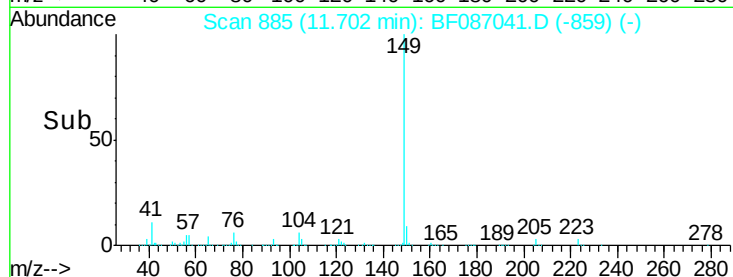
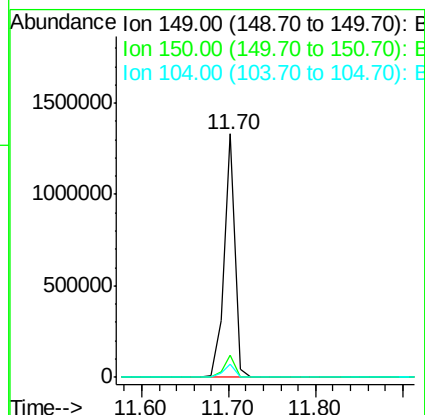
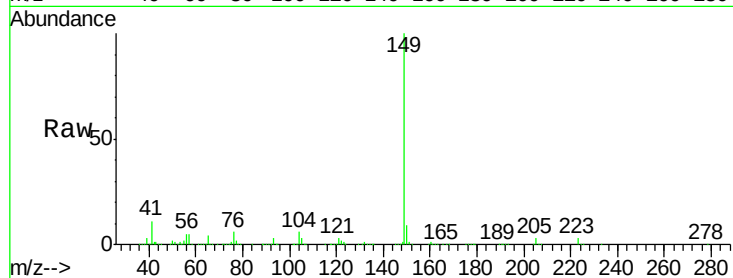
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Tgt Ion:	149	Resp:	1171278
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.6	3.8	5.6



#74

Fluoranthene

Concen: 37.98 ng

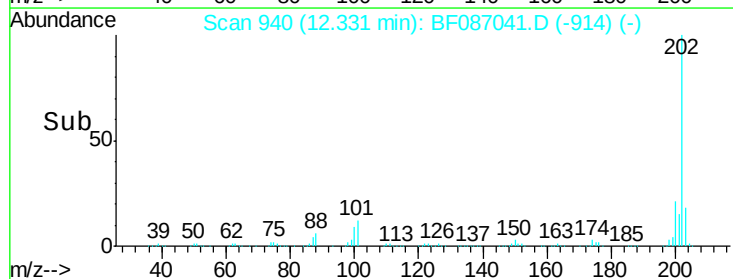
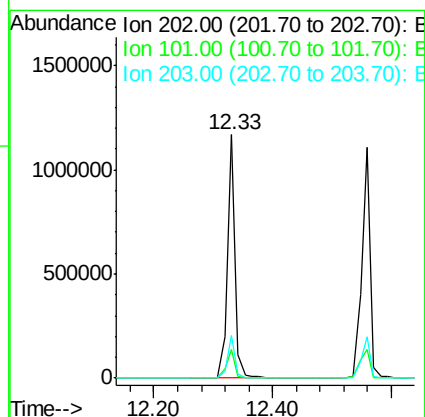
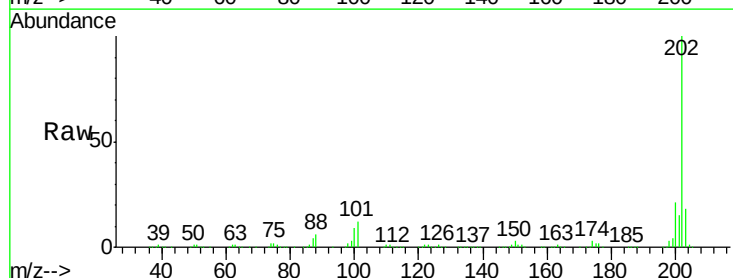
RT: 12.33 min Scan# 940

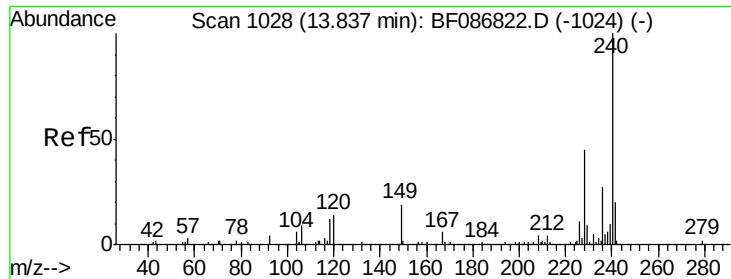
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	202	Resp:	1051746
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	35.4
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

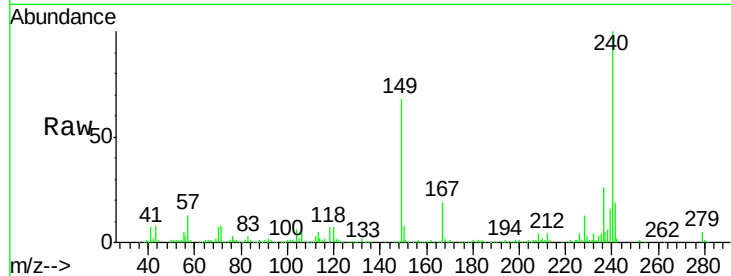
ClientSampleId :

PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	334583		
120	7.1	11.2	16.8#	
236	25.5	21.2	31.8	

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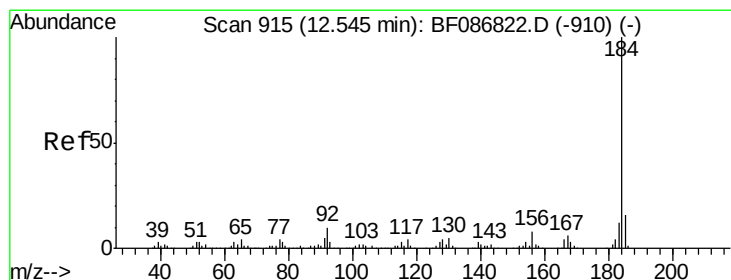
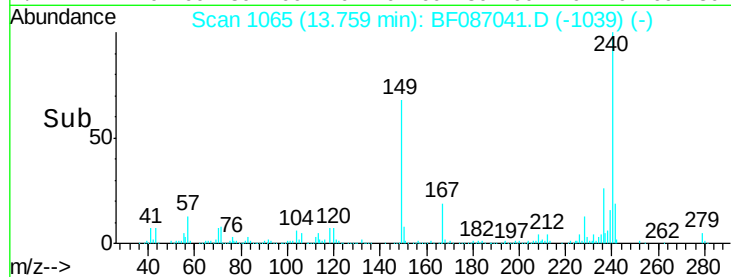
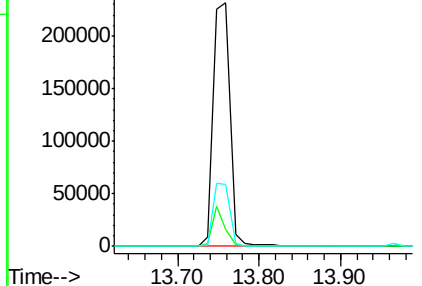
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 25.99 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF087041.D

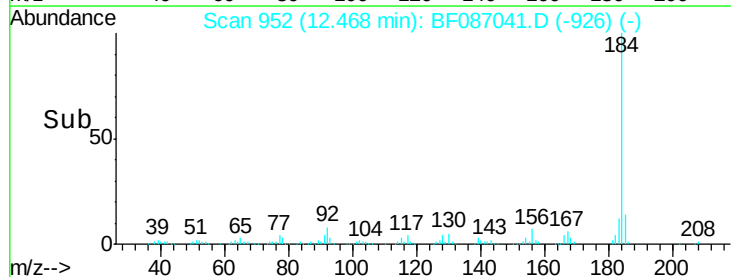
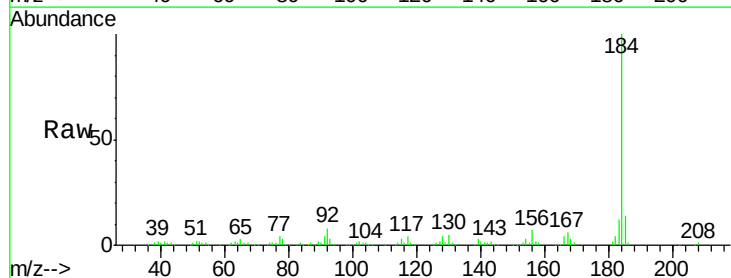
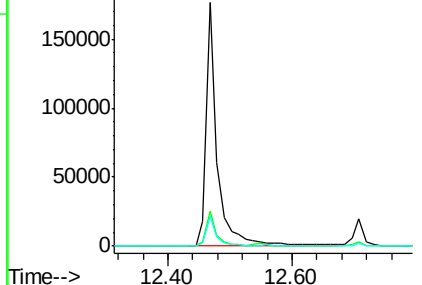
Acq: 15 May 2016 1:31

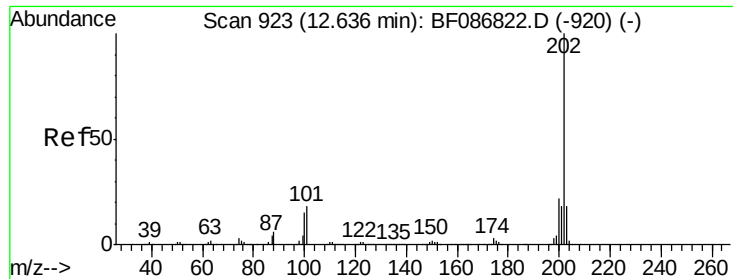
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	221691		
185	14.5	13.6	20.4	
183	12.1	9.8	14.6	

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

Pyrene

Concen: 42.62 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

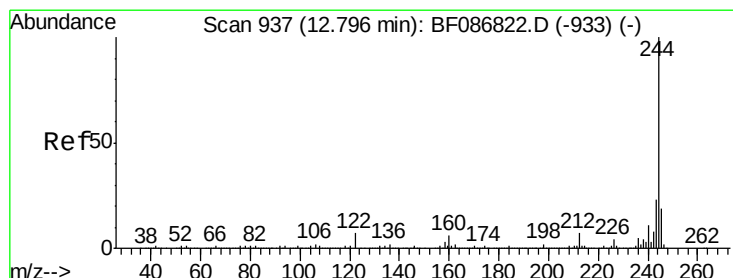
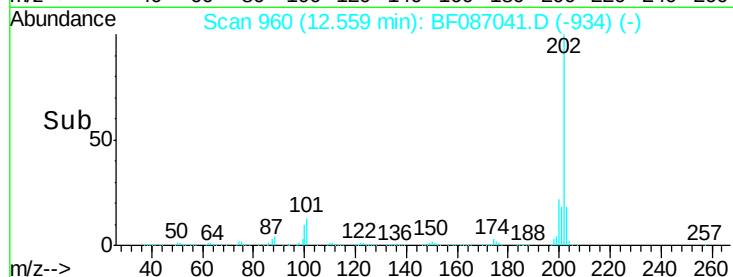
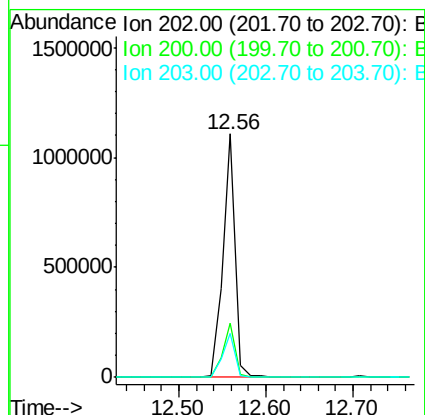
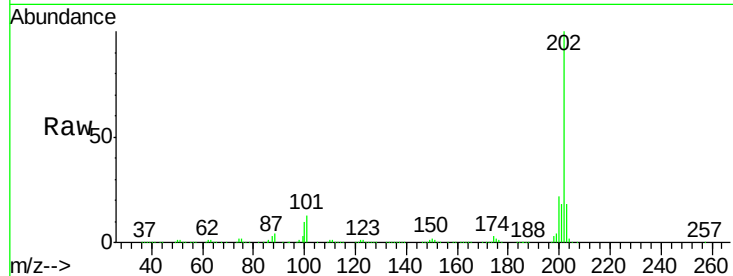
ClientSampleId :

PB90466BSD

Tgt Ion:	202	Resp:	1091706
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.9	14.2	21.4

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#78

Terphenyl-d14

Concen: 74.40 ng

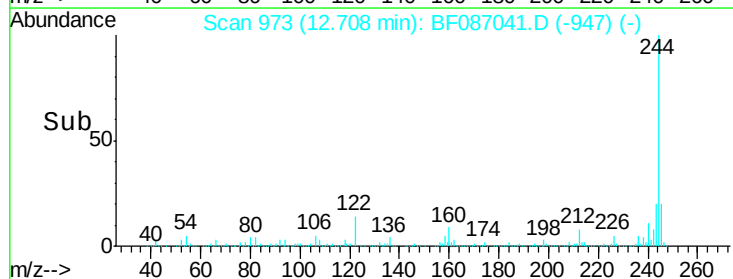
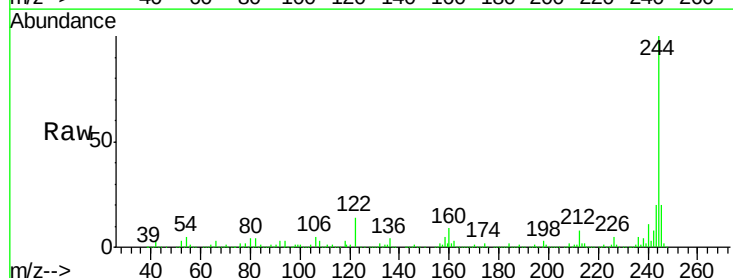
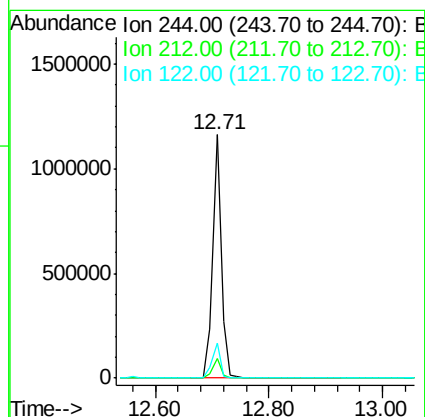
RT: 12.71 min Scan# 973

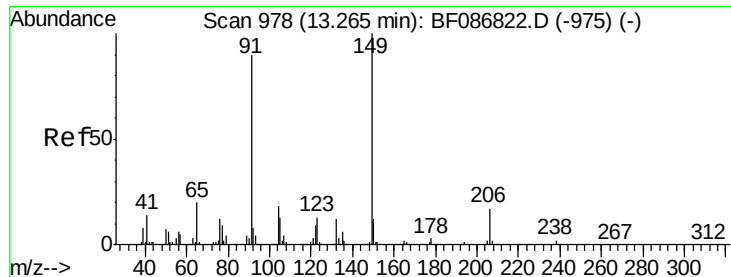
Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	244	Resp:	1173316
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.2	12.0	18.0





#79

Butylbenzylphthalate

Concen: 43.68 ng

RT: 13.19 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

Tgt Ion:149 Resp: 473210
Ion Ratio Lower Upper

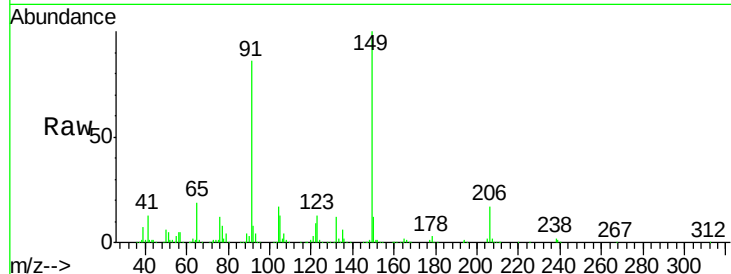
149 100

91 85.9 48.0 72.0#

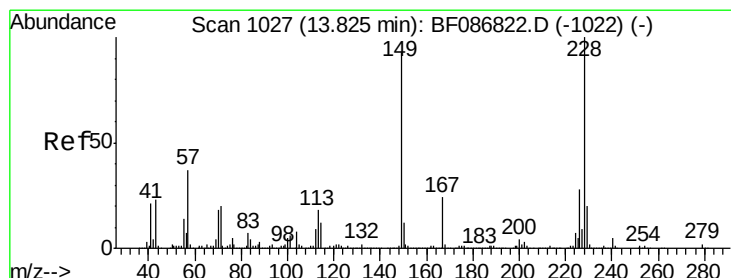
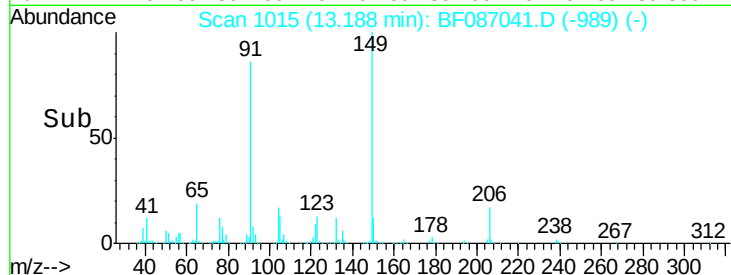
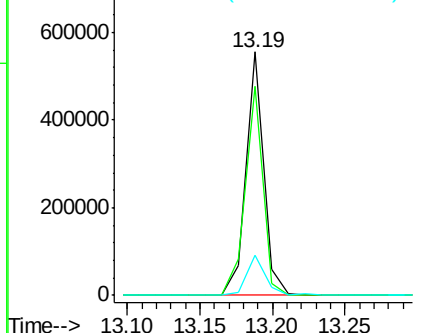
206 16.7 15.8 23.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.39 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BF087041.D

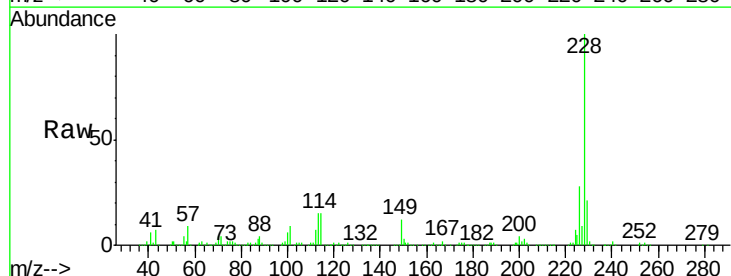
Acq: 15 May 2016 1:31

Tgt Ion:228 Resp: 758600
Ion Ratio Lower Upper

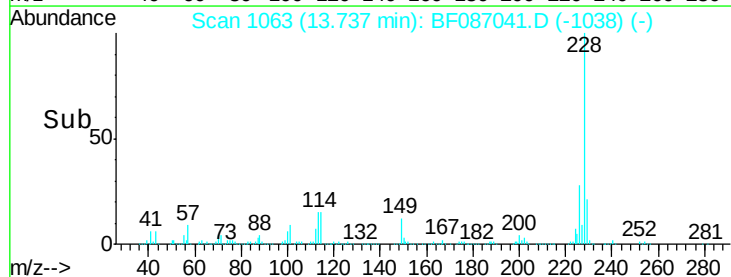
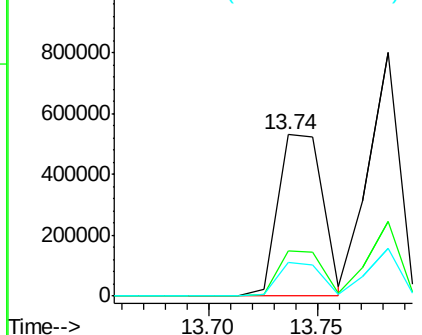
228 100

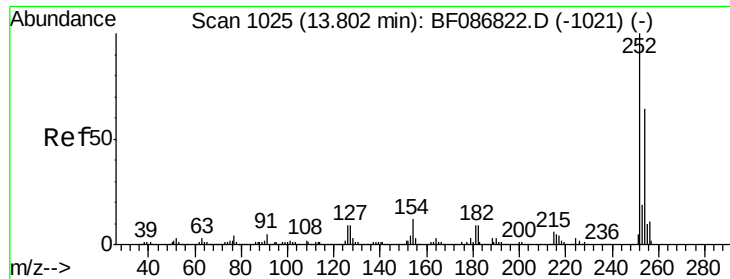
226 28.4 22.5 33.7

229 20.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





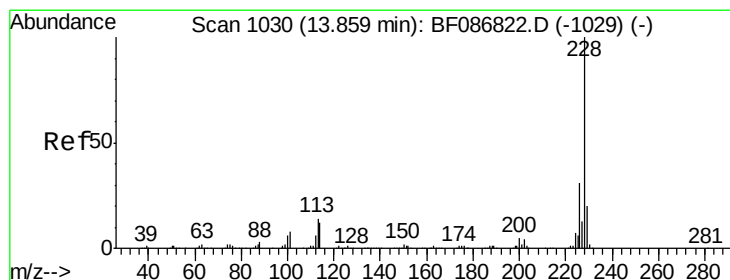
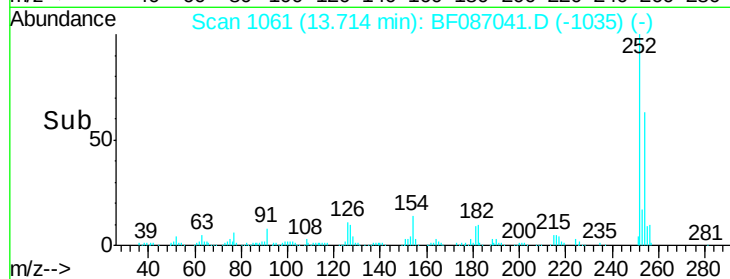
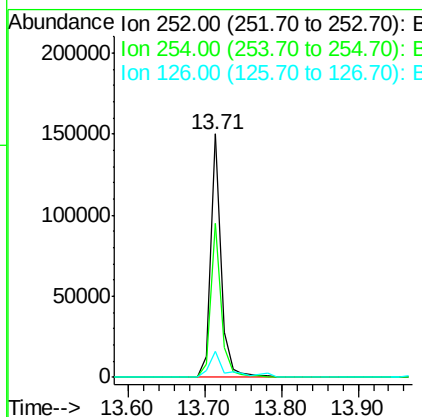
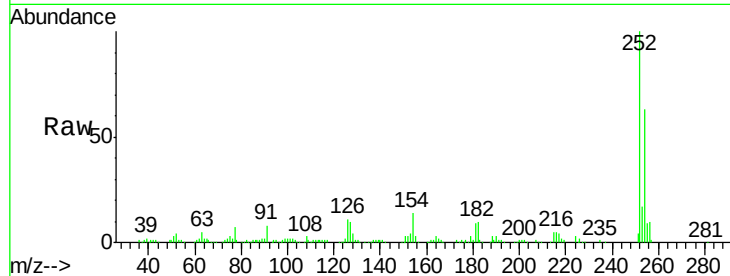
#81
 3,3'-Dichlorobenzidine
 Concen: 11.76 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	50.7	76.1
126	10.6	12.7	19.1#

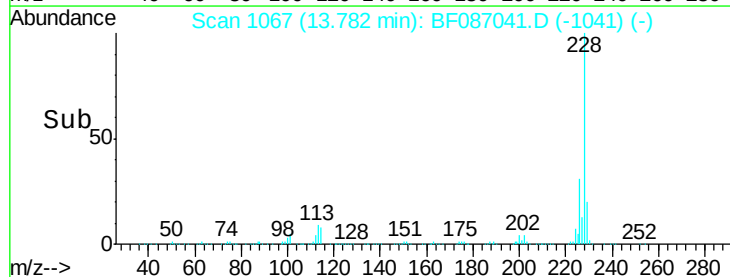
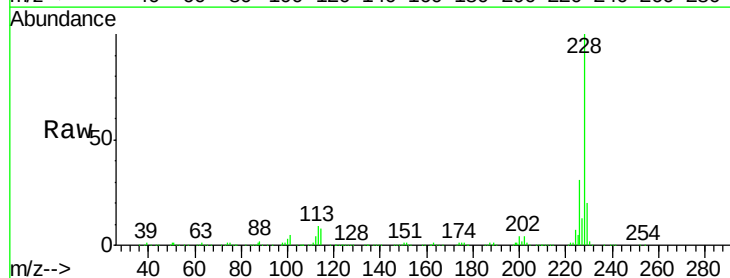
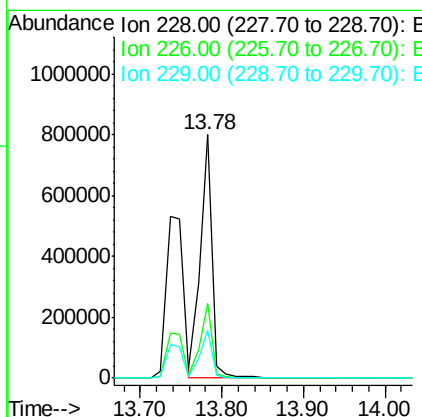
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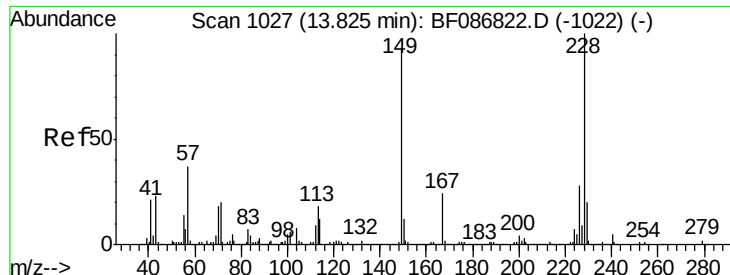
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#82
 Chrysene
 Concen: 42.50 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	24.4	36.6
229	19.6	15.8	23.8





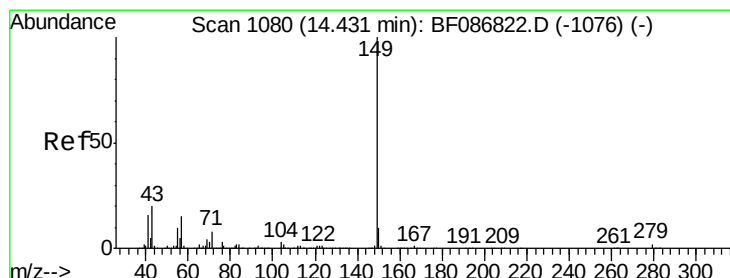
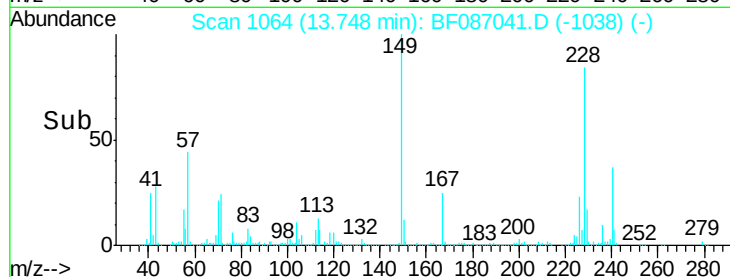
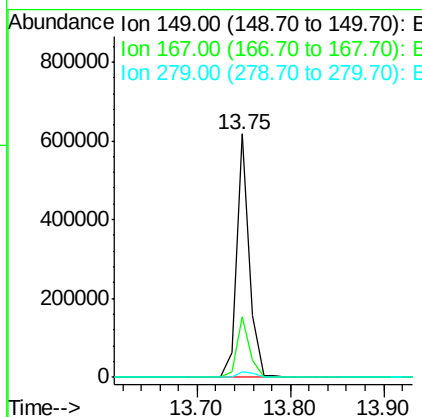
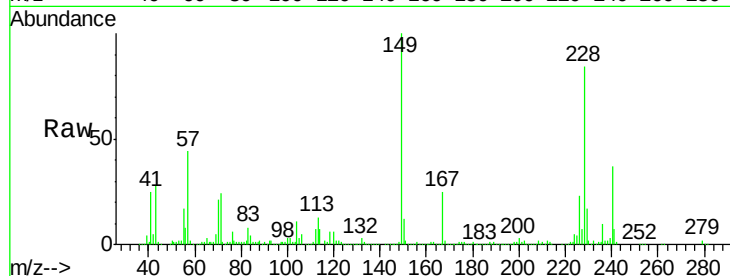
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.63 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	581658		
167	24.9	21.8	32.6	
279	2.5	2.6	4.0#	

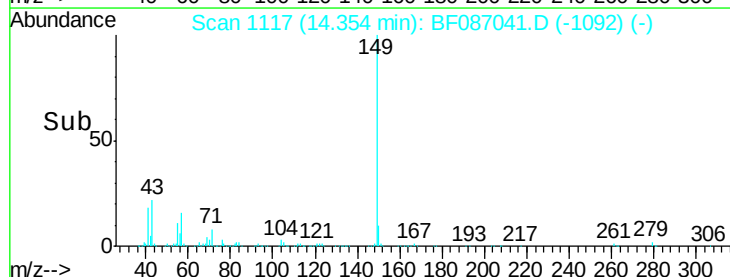
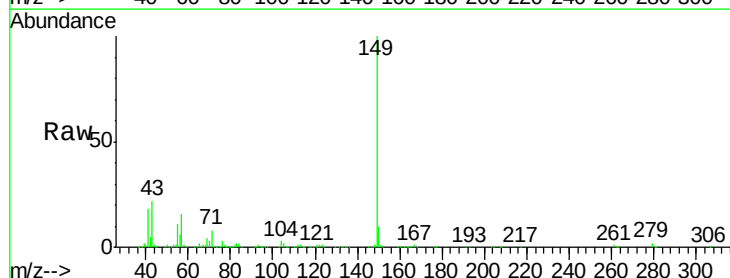
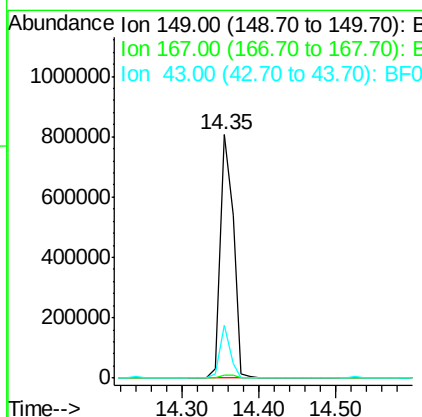
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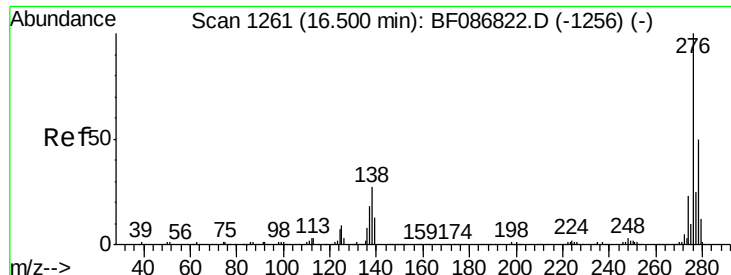
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#84
 Di-n-octyl phthalate
 Concen: 44.55 ng
 RT: 14.35 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	961744		
167	1.5	1.2	1.8	
43	17.3	8.2	12.4#	





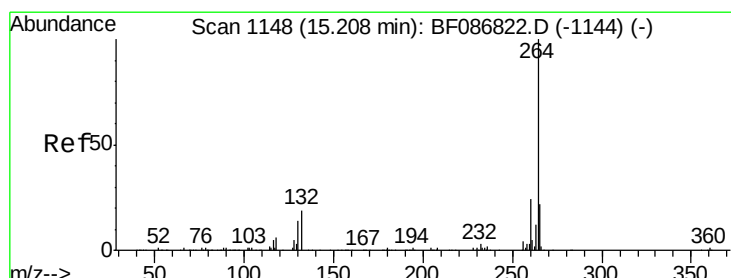
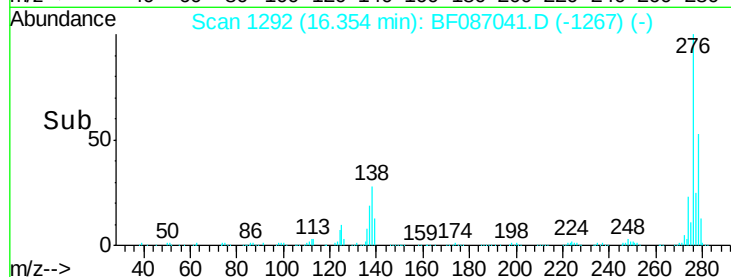
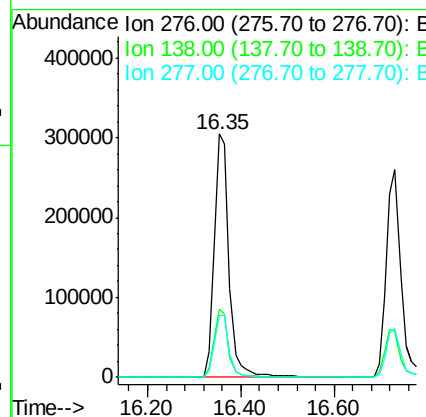
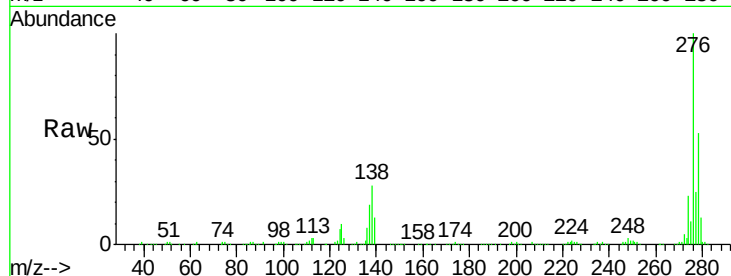
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.88 ng
 RT: 16.35 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Instrument :
 BNA_F
 ClientSampleId :
 PB90466BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.5	25.6	38.4
277	25.4	20.5	30.7

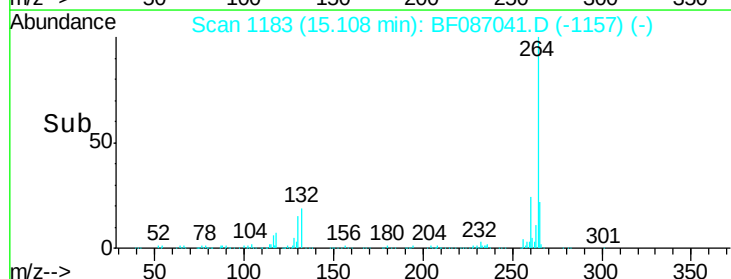
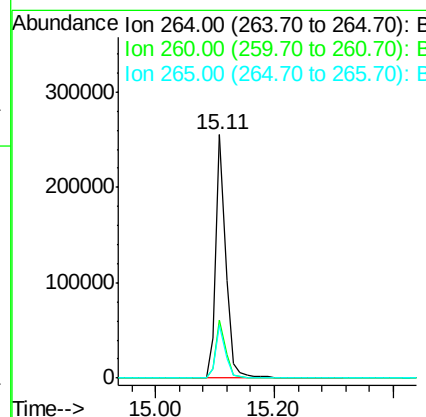
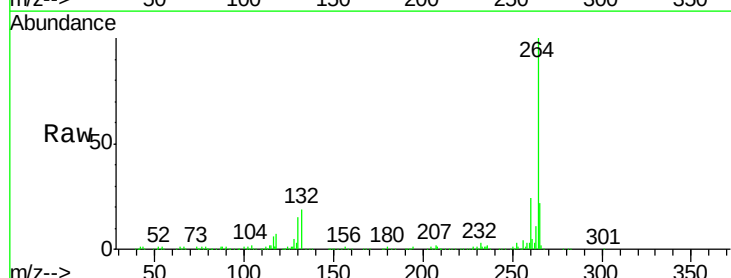
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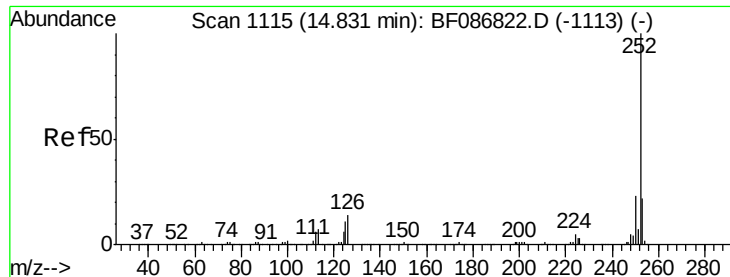
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF087041.D
 Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	19.5	29.3
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 33.65 ng m

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

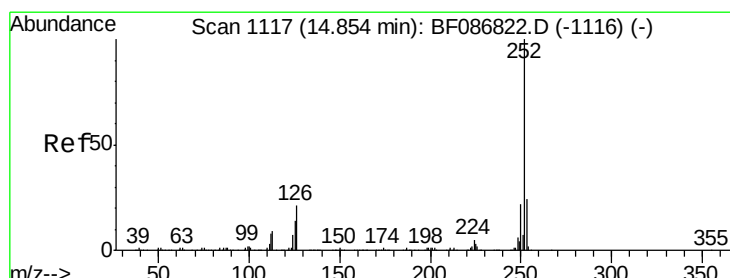
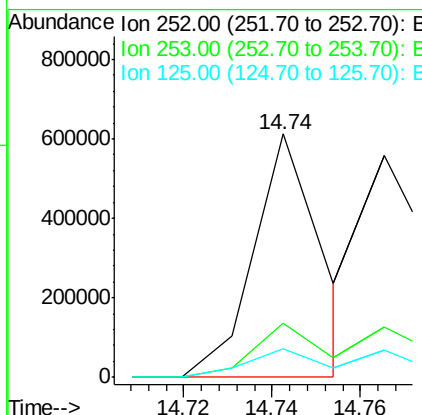
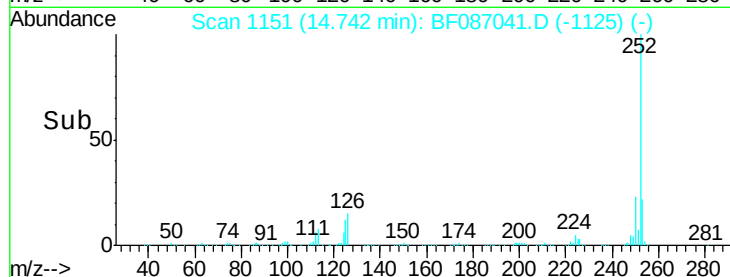
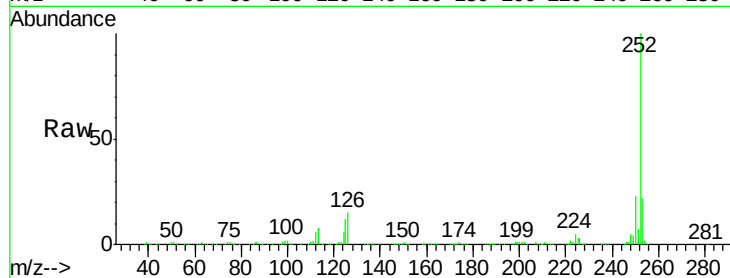
ClientSampleId :

PB90466BSD

Tgt Ion:	252	Resp:	653676
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	11.7	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 40.11 ng m

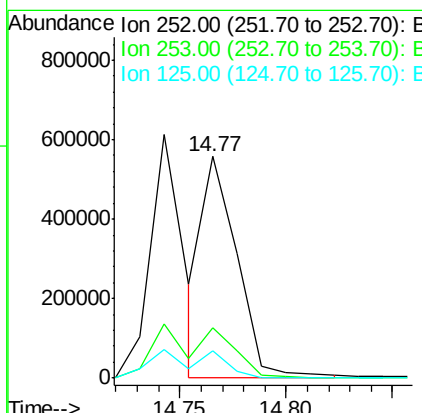
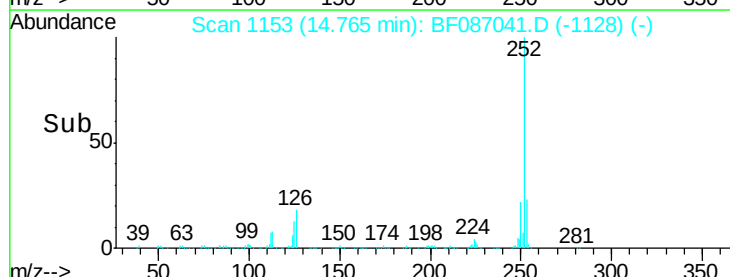
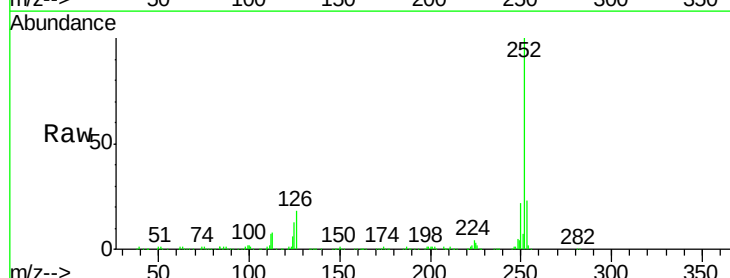
RT: 14.77 min Scan# 1153

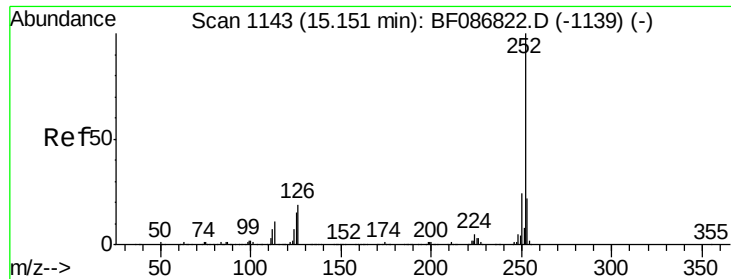
Delta R.T. -0.01 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Tgt Ion:	252	Resp:	638025
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.6
125	12.6	9.1	13.7





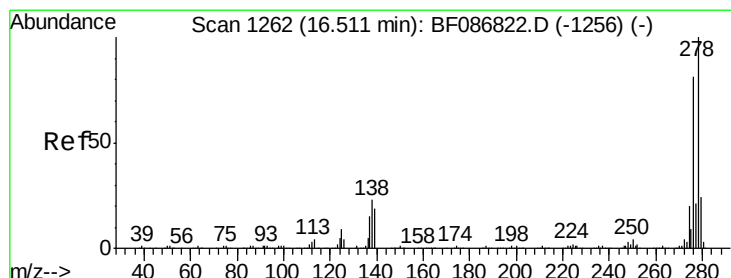
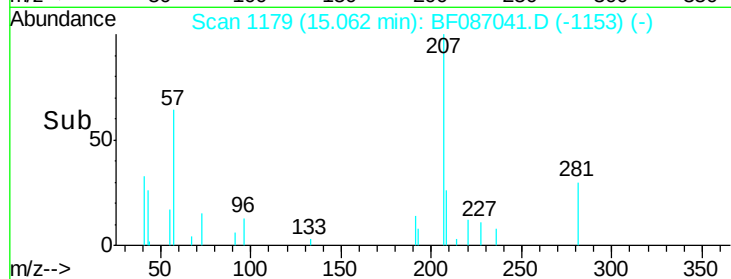
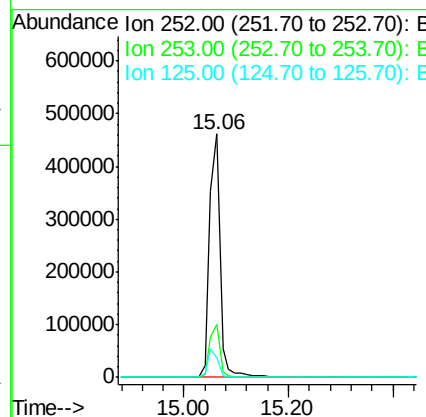
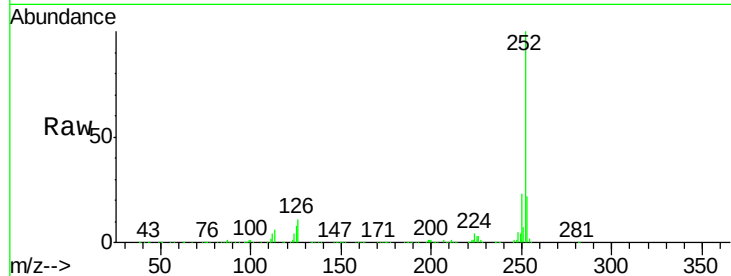
#89
Benzo(a)pyrene
Concen: 38.28 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Instrument :
BNA_F
ClientSampleId :
PB90466BSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.2	25.8
125	8.2	9.0	13.6

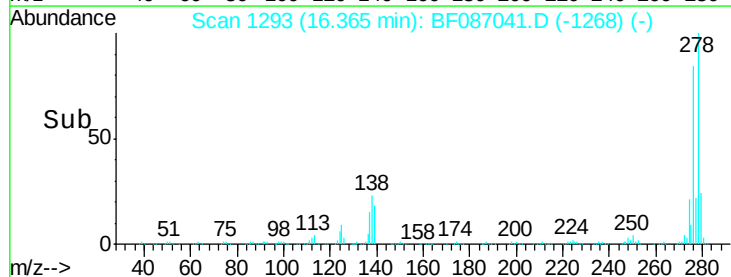
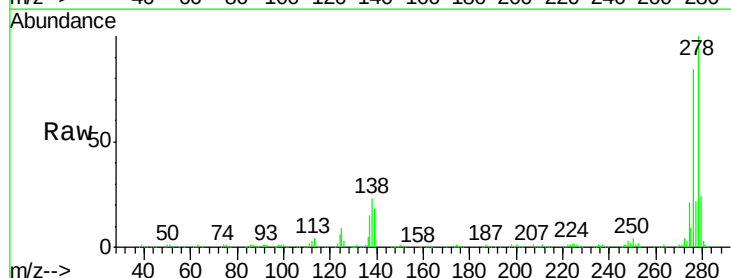
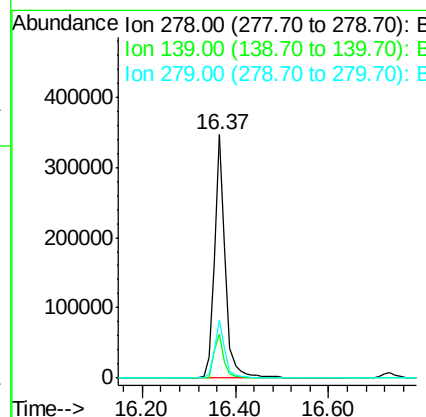
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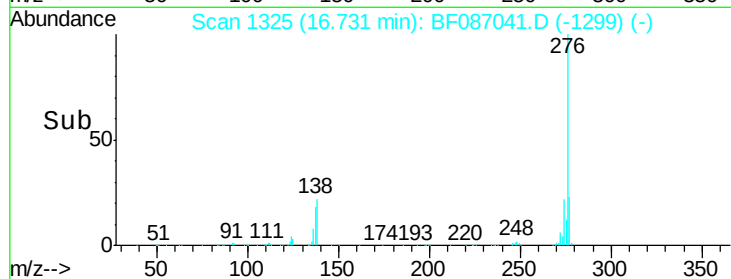
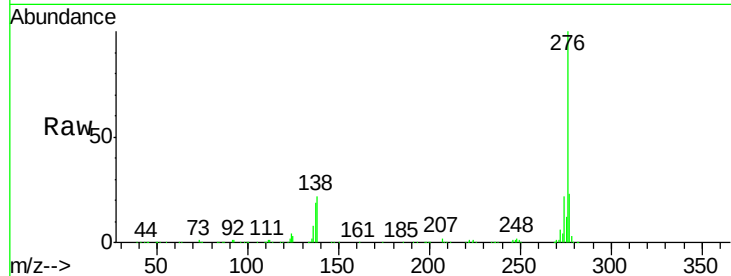
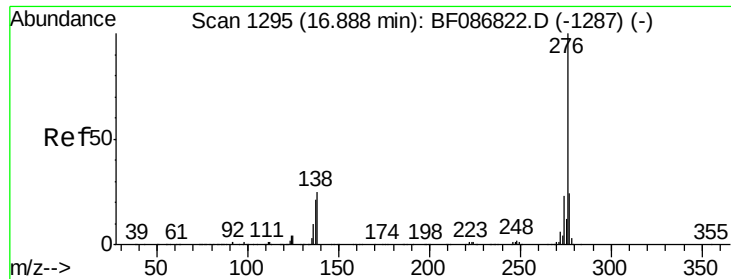
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#90
Dibenzo(a,h)anthracene
Concen: 40.47 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF087041.D
Acq: 15 May 2016 1:31

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.9	16.6	24.8
279	23.9	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 40.28 ng

RT: 16.73 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF087041.D

Acq: 15 May 2016 1:31

Instrument :

BNA_F

ClientSampleId :

PB90466BSD

Tgt Ion: 276 Resp: 578008

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.2 23.6 35.4#

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