

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\
 Data File : BF087043.D
 Acq On : 15 May 2016 2:29
 Operator : UM/SJ
 Sample : PB90575BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Manual Integrations
 APPROVED

sohil
 5/16/2016 6:58:58 PM

Quant Time: May 16 05:59:57 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	144007	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	601379	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	285293	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	547122	20.00	ng	0.00
75) Chrysene-d12	13.76	240	345976	20.00	ng	0.00
86) Perylene-d12	15.11	264	309176	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	999018	117.48	ng	0.01
7) Phenol-d6	6.28	99	1268325	111.60	ng	0.00
23) Nitrobenzene-d5	7.19	82	883756	73.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	397067	131.47	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1420238	83.67	ng	0.00
78) Terphenyl-d14	12.71	244	1275286	78.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	140902	33.75	ng	# 67
3) Pyridine	2.78	79	396425	38.84	ng	# 59
4) n-Nitrosodimethylamine	2.74	42	302197	40.83	ng	# 48
6) Aniline	6.28	93	365788	26.61	ng	# 58
8) 2-Chlorophenol	6.40	128	400911	39.07	ng	# 80
9) Benzaldehyde	6.17	77	24124	3.67	ng	99
10) Phenol	6.30	94	574486	42.53	ng	78
11) bis(2-Chloroethyl)ether	6.36	93	441762	41.94	ng	95
12) 1,3-Dichlorobenzene	6.55	146	410664m	36.98	ng	
13) 1,4-Dichlorobenzene	6.63	146	423316	37.38	ng	94
14) 1,2-Dichlorobenzene	6.79	146	368430	37.33	ng	95
15) Benzyl Alcohol	6.78	79	367611	46.84	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.90	45	809650	35.36	ng	# 51
17) 2-Methylphenol	6.90	107	334664	40.99	ng	# 80
18) Hexachloroethane	7.12	117	164227	38.55	ng	98
19) n-Nitroso-di-n-propylamine	7.05	70	334973	42.18	ng	# 81
20) 3+4-Methylphenols	7.06	107	442081	41.46	ng	# 60
22) Acetophenone	7.04	105	593737	41.80	ng	97
24) Nitrobenzene	7.21	77	488898	39.68	ng	94
25) Isophorone	7.45	82	855765	38.51	ng	98
26) 2-Nitrophenol	7.53	139	209806	38.74	ng	96
27) 2,4-Dimethylphenol	7.59	122	370460	40.16	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	526689	43.94	ng	98
29) 2,4-Dichlorophenol	7.78	162	337664	41.59	ng	94
30) 1,2,4-Trichlorobenzene	7.85	180	350536	38.61	ng	99
31) Naphthalene	7.92	128	1124764	37.34	ng	99
32) Benzoic acid	7.74	122	204840	37.81	ng	# 80
33) 4-Chloroaniline	7.99	127	239750	20.48	ng	# 94
34) Hexachlorobutadiene	8.04	225	209537	39.78	ng	99
35) Caprolactam	8.36	113	108164m	39.15	ng	
36) 4-Chloro-3-methylphenol	8.49	107	369626	37.54	ng	88
37) 2-Methylnaphthalene	8.62	142	795945	45.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	302354	36.45	ng	97
40) Hexachlorocyclopentadiene	8.76	237	279725	71.05	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	209657	37.80	ng	94
43) 2,4,5-Trichlorophenol	8.96	196	212209	36.99	ng	97
45) 1,1'-Biphenyl	9.08	154	938687	41.37	ng	99
46) 2-Chloronaphthalene	9.10	162	704967	39.65	ng	92
47) 2-Nitroaniline	9.21	65	272123	41.88	ng	# 74
48) Acenaphthylene	9.51	152	1067940	40.84	ng	99
49) Dimethylphthalate	9.39	163	875242	40.21	ng	100
50) 2,6-Dinitrotoluene	9.45	165	180291	39.36	ng	# 65
51) Acenaphthene	9.68	154	636898	39.15	ng	99
52) 3-Nitroaniline	9.62	138	126321	26.20	ng	# 77
53) 2,4-Dinitrophenol	9.74	184	142085	62.55	ng	# 85
54) Dibenzofuran	9.86	168	940438	45.04	ng	98
55) 4-Nitrophenol	9.82	139	219623m	68.97	ng	
56) 2,4-Dinitrotoluene	9.86	165	250206	44.14	ng	90
57) Fluorene	10.19	166	698346	39.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	202379	46.86	ng	95
59) Diethylphthalate	10.09	149	883628	41.66	ng	98
60) 4-Chlorophenyl-phenylether	10.19	204	355467	46.18	ng	93
61) 4-Nitroaniline	10.24	138	166779	36.01	ng	# 68
62) Azobenzene	10.35	77	1065637	46.57	ng	87
64) 4,6-Dinitro-2-methylphenol	10.27	198	115352	33.94	ng	88
65) n-Nitrosodiphenylamine	10.32	169	719567	42.81	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	217243	39.16	ng	# 74
67) Hexachlorobenzene	10.74	284	264055	40.73	ng	# 87
68) Atrazine	10.86	200	223490	39.80	ng	95
69) Pentachlorophenol	10.95	266	228000	76.10	ng	96
70) Phenanthrene	11.15	178	1202979	41.20	ng	100
71) Anthracene	11.20	178	1102062	36.91	ng	100
72) Carbazole	11.37	167	1119477	43.61	ng	100
73) Di-n-butylphthalate	11.70	149	1291355	41.20	ng	# 99
74) Fluoranthene	12.33	202	1098175	36.57	ng	98
76) Benzidine	12.47	184	321884	36.49	ng	96
77) Pyrene	12.56	202	1193315	45.05	ng	100
79) Butylbenzylphthalate	13.19	149	500686	44.69	ng	# 70
80) Benzo(a)anthracene	13.75	228	855888	44.07	ng	98
81) 3,3'-Dichlorobenzidine	13.71	252	194243	15.74	ng	# 98
82) Chrysene	13.78	228	914424	46.28	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	631850	46.88	ng	# 96
84) Di-n-octyl phthalate	14.35	149	1091239	48.88	ng	# 85
85) Indeno(1,2,3-cd)pyrene	16.37	276	766937	46.66	ng	94
87) Benzo(b)fluoranthene	14.74	252	714454m	35.56	ng	
88) Benzo(k)fluoranthene	14.77	252	715334m	43.48	ng	
89) Benzo(a)pyrene	15.06	252	715685	41.29	ng	# 98
90) Dibenzo(a,h)anthracene	16.37	278	632507	43.30	ng	98
91) Benzo(g,h,i)perylene	16.73	276	647139	43.60	ng	# 92

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

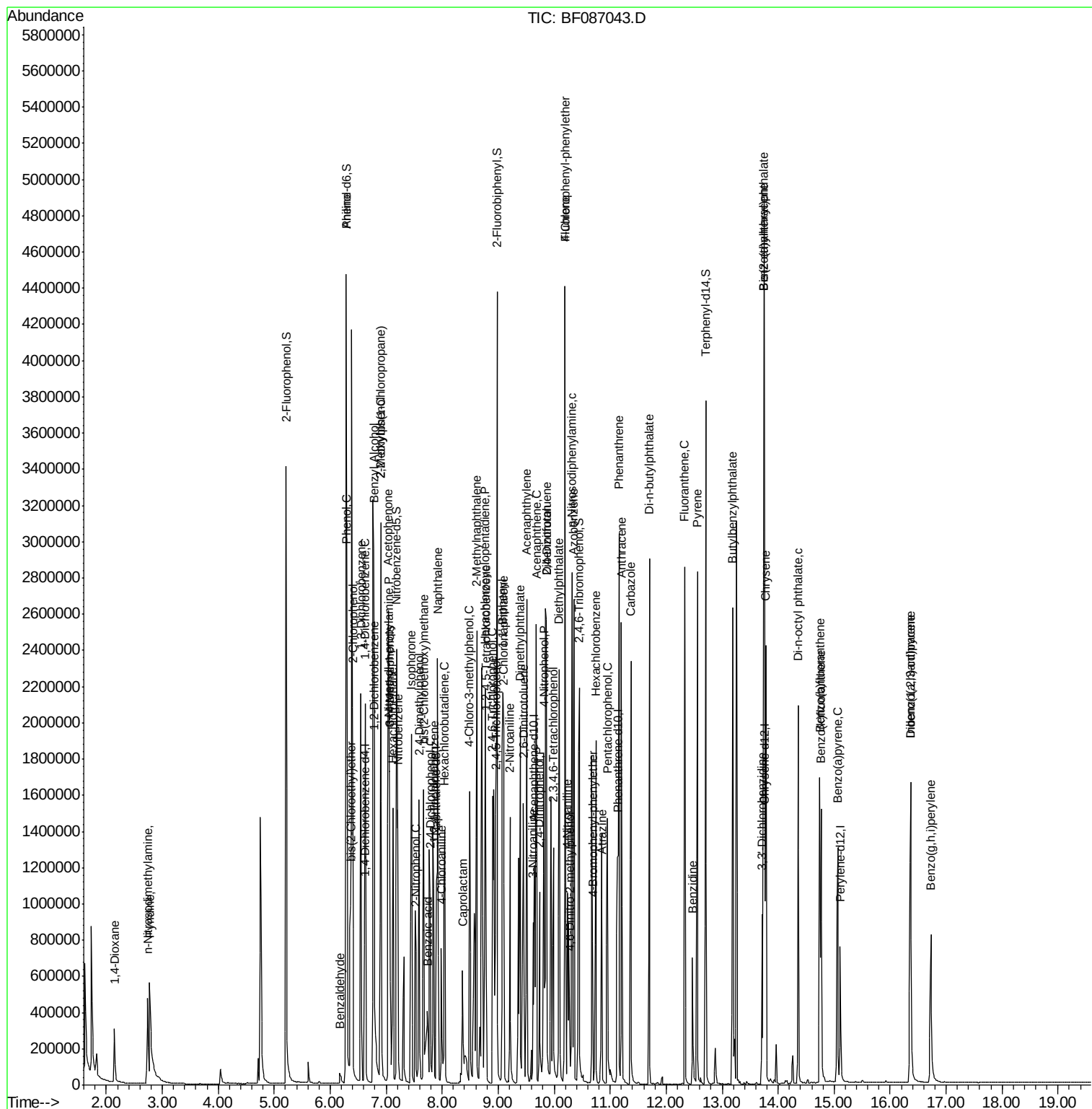
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051416\  
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Misc      :  
ALS Vial  : 65    Sample Multiplier: 1
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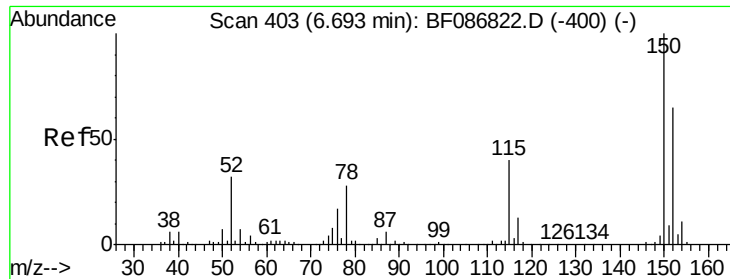
Instrument :
BNA_F
ClientSampleId :
PB90575BSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

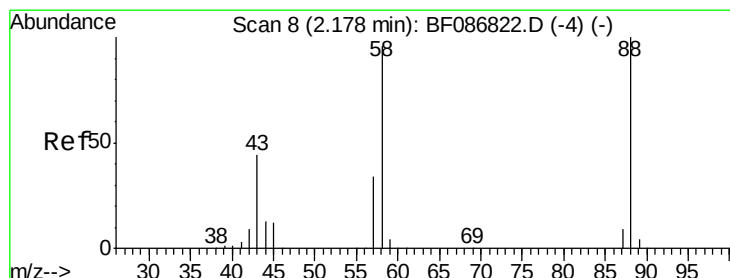
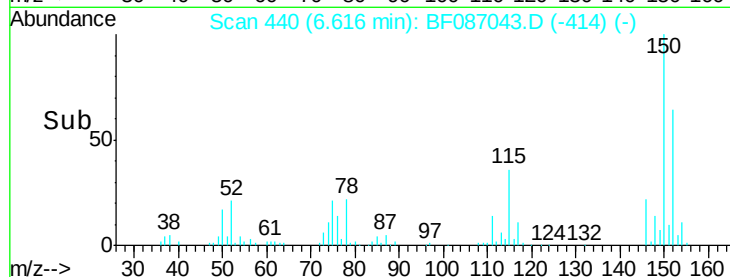
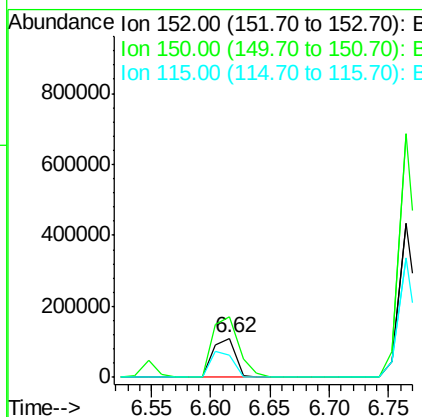
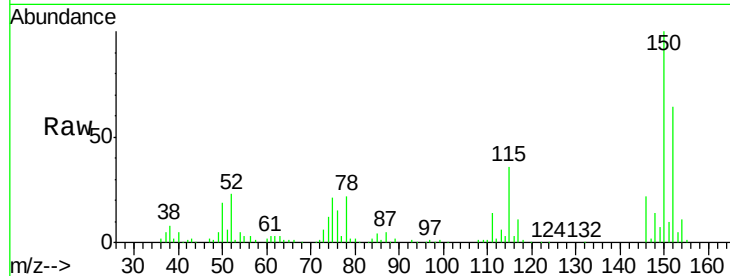
ClientSampleId :

PB90575BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.8	188.6
115	56.3	51.5	77.3

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#2

1,4-Dioxane

Concen: 33.75 ng

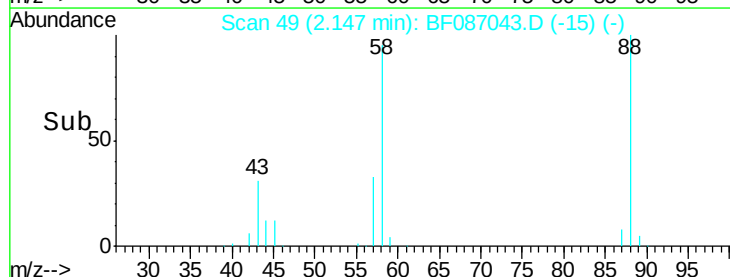
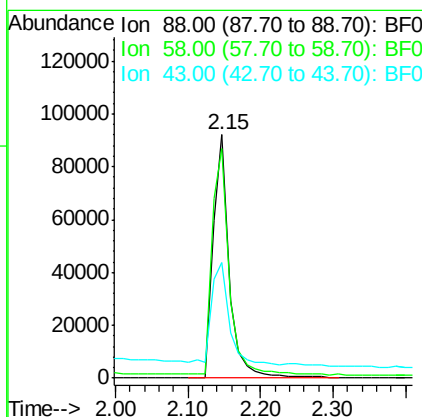
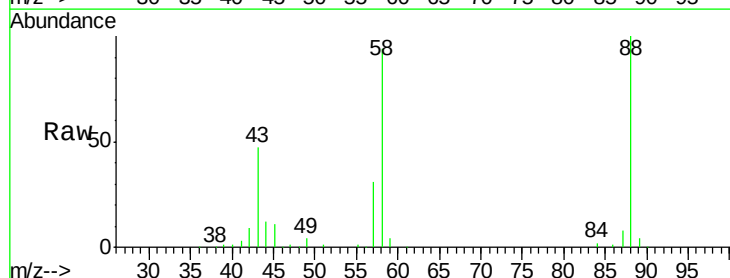
RT: 2.15 min Scan# 49

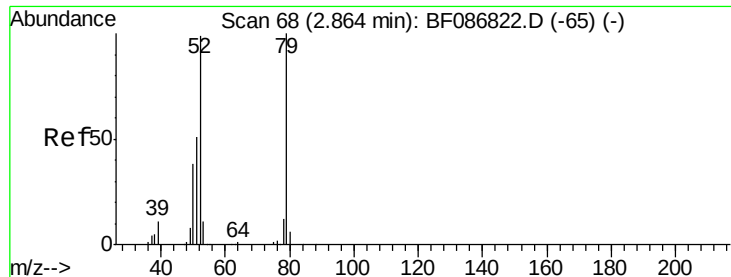
Delta R.T. 0.09 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.2	59.6	89.4#
43	52.0	21.8	32.6#





#3

Pyridine

Concen: 38.84 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

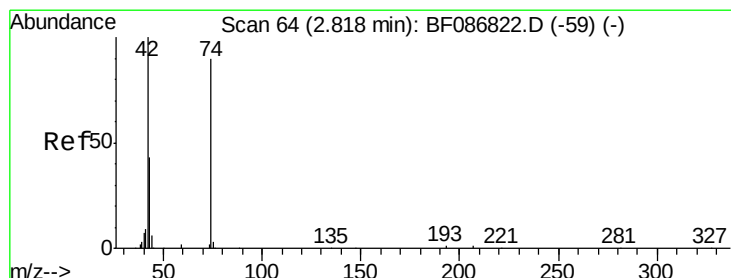
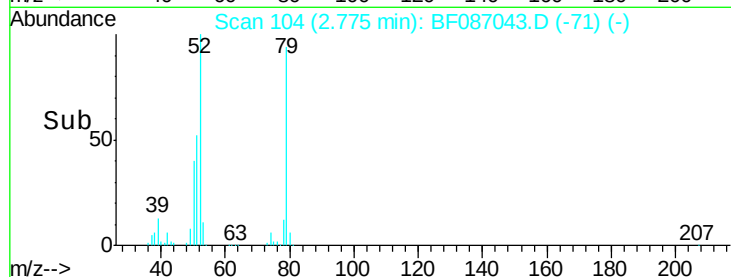
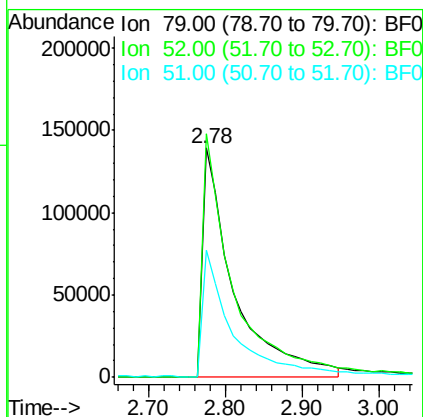
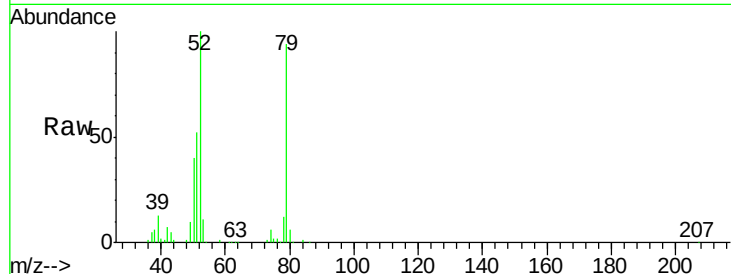
ClientSampleId :

PB90575BSD

Tgt Ion:	79	Resp:	396425
Ion Ratio	Lower	Upper	
79	100		
52	106.4	55.9	83.9#
51	55.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 40.83 ng

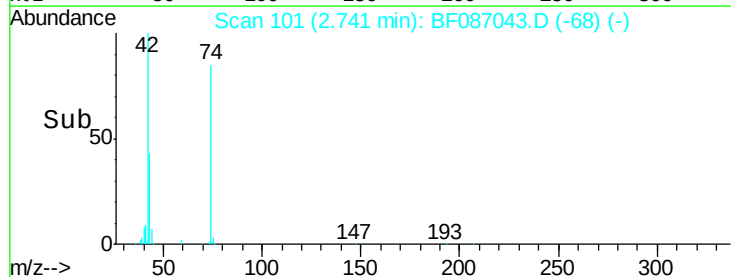
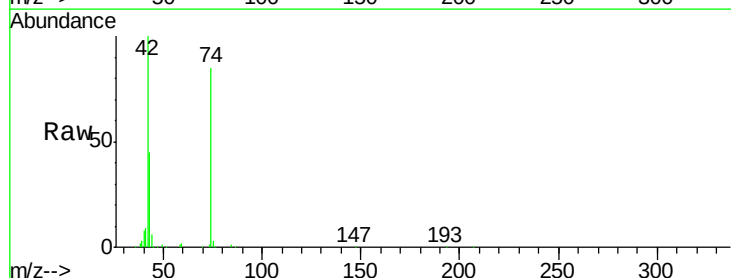
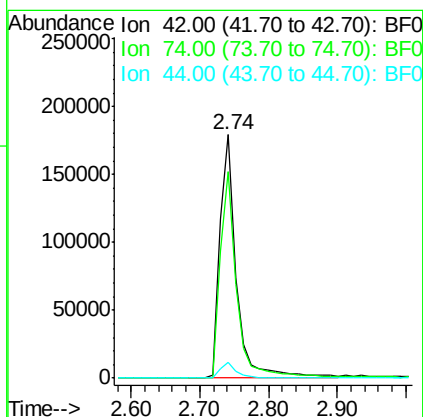
RT: 2.74 min Scan# 101

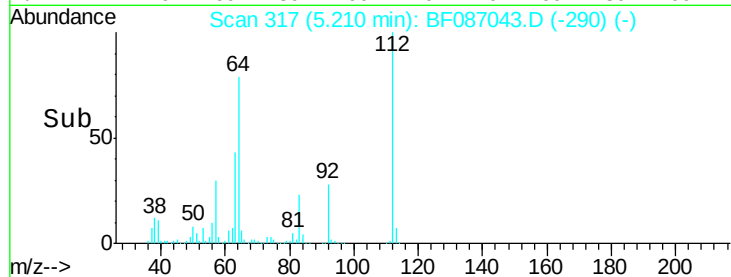
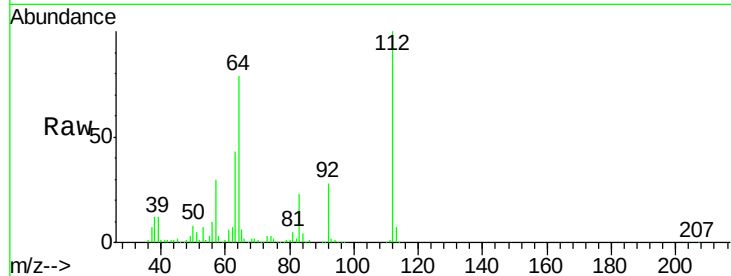
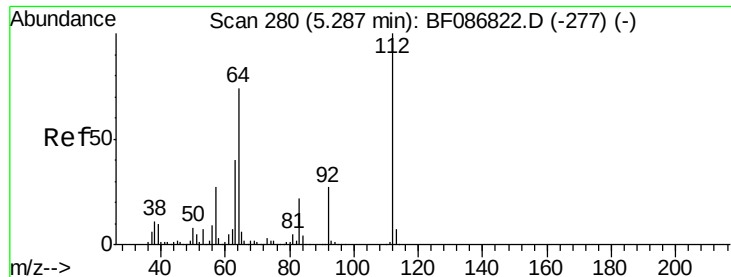
Delta R.T. 0.08 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	42	Resp:	302197
Ion Ratio	Lower	Upper	
42	100		
74	84.6	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 117.48 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	112	Resp:	999018
Ion Ratio	Lower	Upper	
112	100		
64	78.5	52.1	78.1#
63	43.2	25.7	38.5#

Instrument :

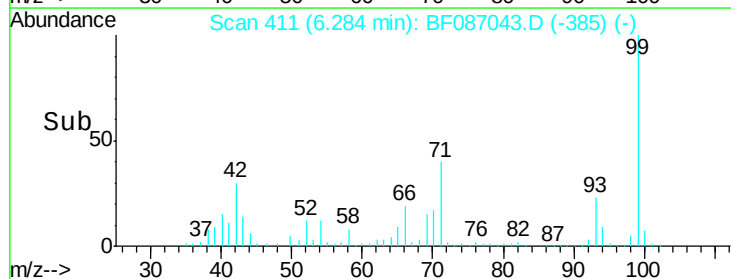
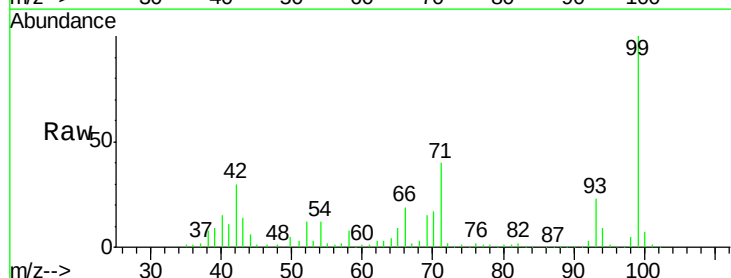
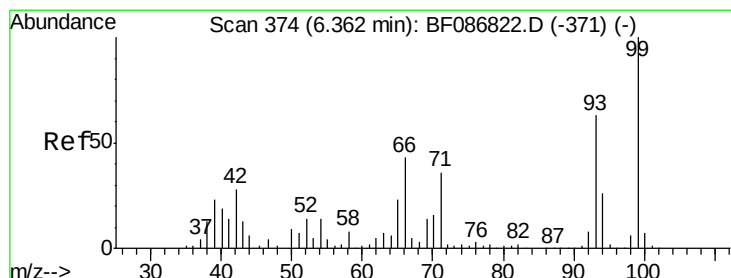
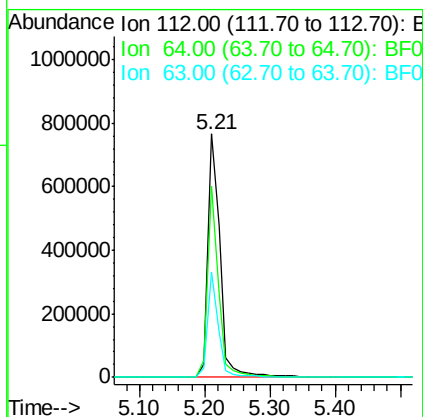
BNA_F

ClientSampleId :

PB90575BSD

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#6

Aniline

Concen: 26.61 ng

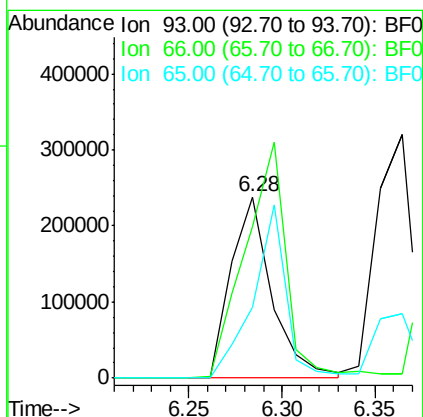
RT: 6.28 min Scan# 411

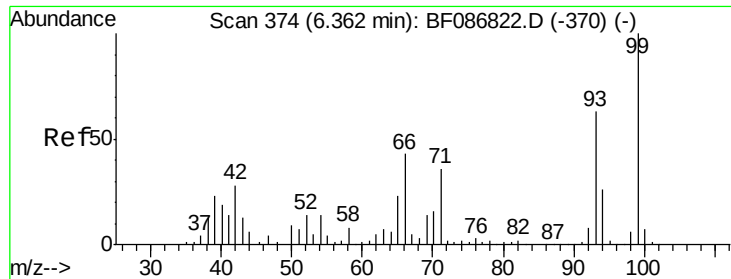
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	93	Resp:	365788
Ion Ratio	Lower	Upper	
93	100		
66	83.7	39.0	58.6#
65	38.9	20.6	31.0#





#7

Phenol-d6

Concen: 111.60 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD

Tgt Ion: 99 Resp: 1268325

Ion Ratio Lower Upper

99 100

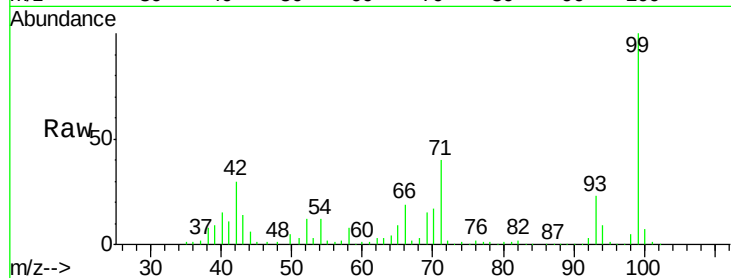
42 29.9 13.6 20.4#

71 39.8 24.6 36.8#

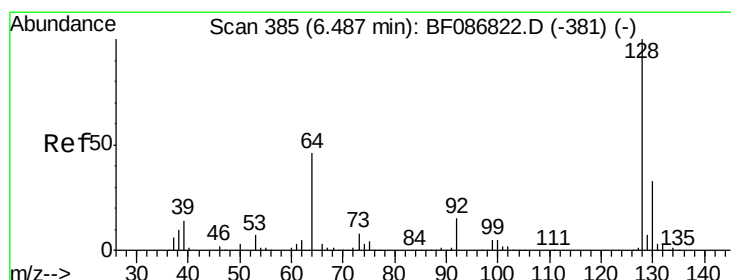
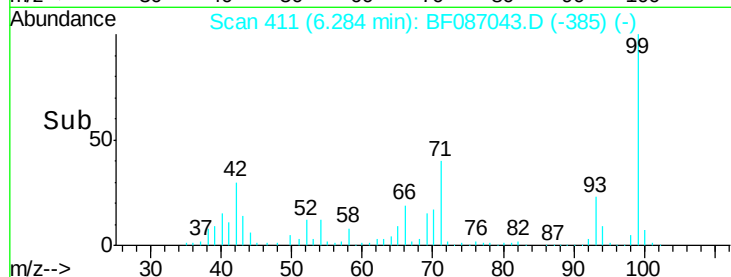
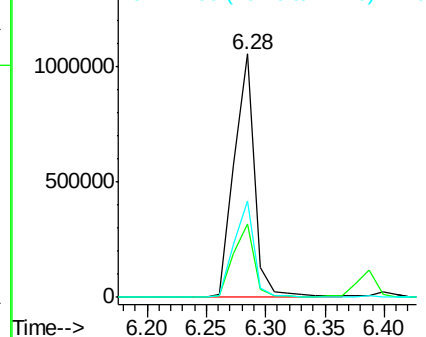
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.07 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

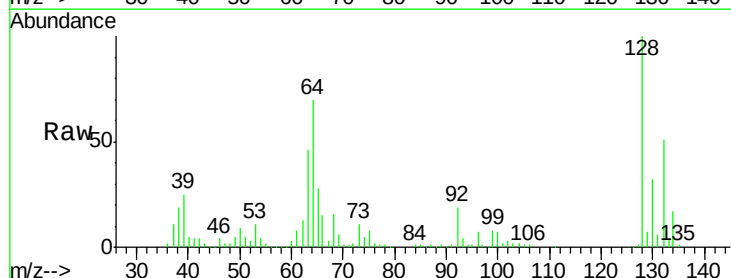
Tgt Ion: 128 Resp: 400911

Ion Ratio Lower Upper

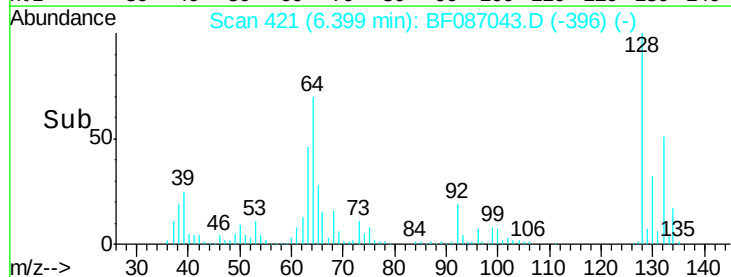
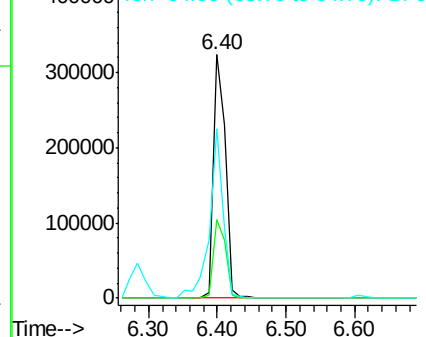
128 100

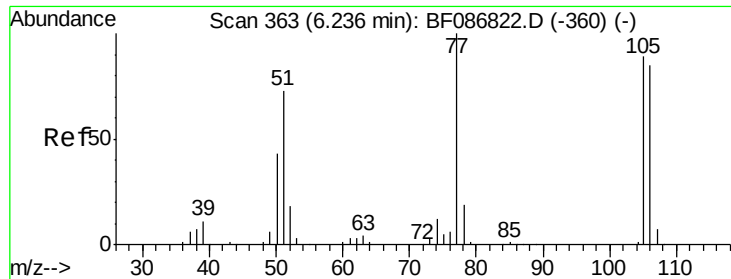
130 32.0 12.5 52.5

64 69.8 27.3 67.3#



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





#9

Benzaldehyde

Concen: 3.67 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.01 min

Lab File: BF087043.D

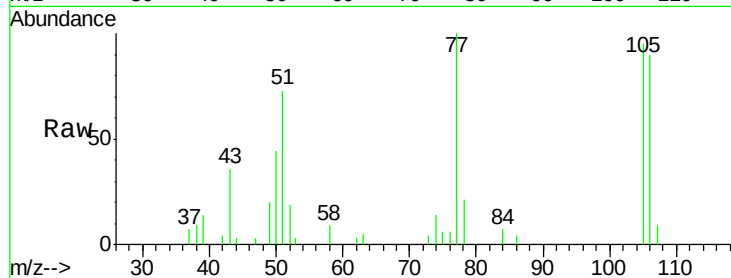
Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

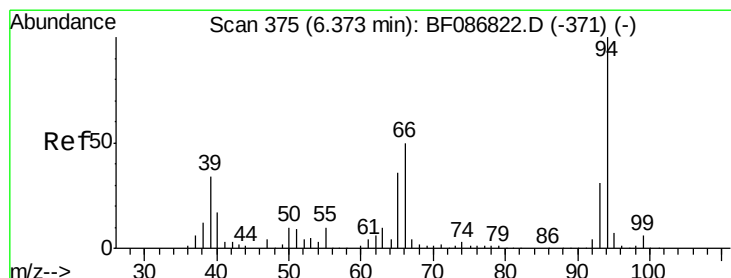
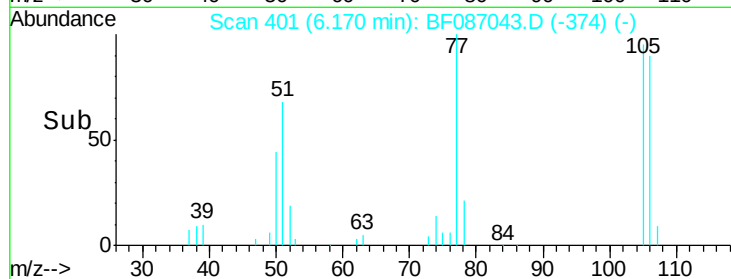
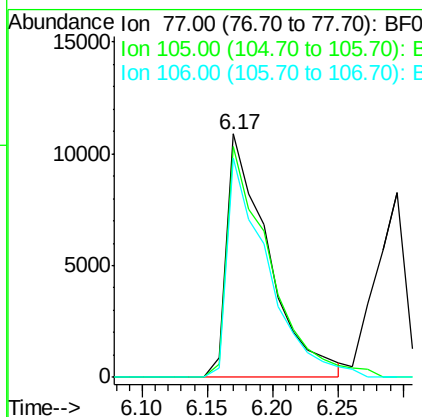
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Tgt Ion:	77	Resp:	24124
Ion	Ratio	Lower	Upper
77	100		
105	94.7	72.7	112.7
106	90.0	70.8	110.8

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#10

Phenol

Concen: 42.53 ng

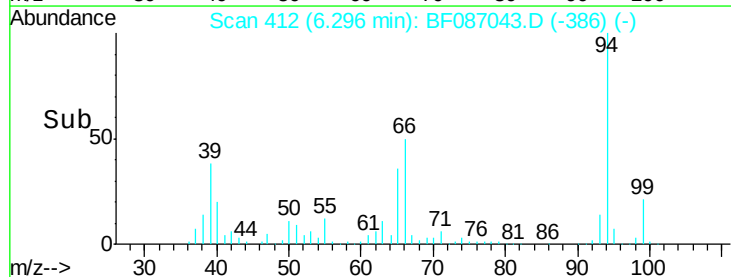
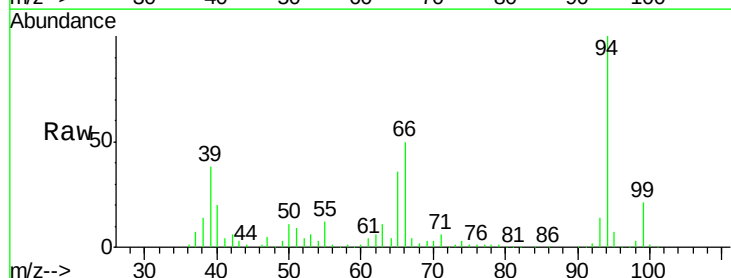
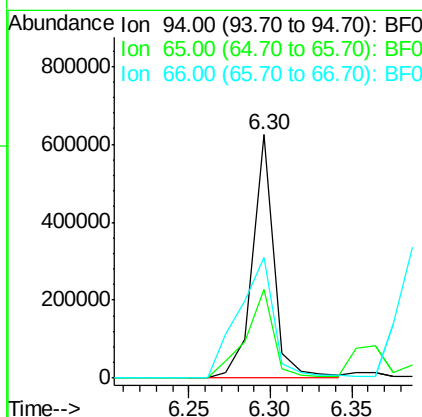
RT: 6.30 min Scan# 412

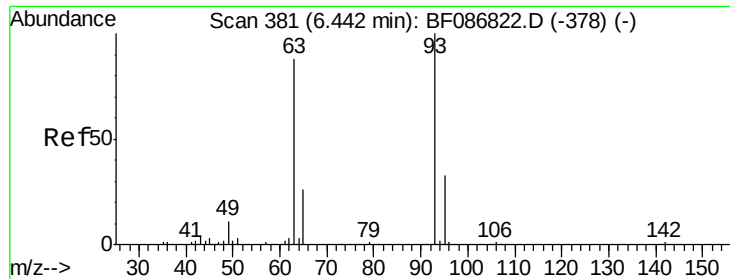
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	94	Resp:	574486
Ion	Ratio	Lower	Upper
94	100		
65	36.4	7.2	47.2
66	49.6	14.9	54.9





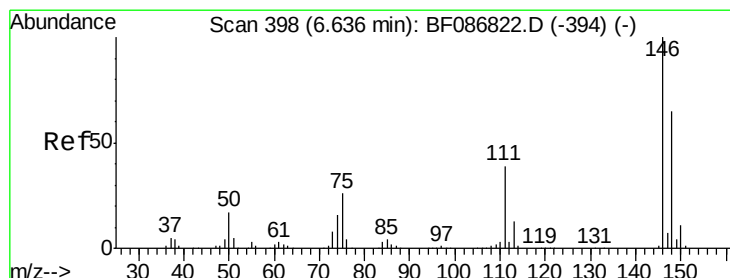
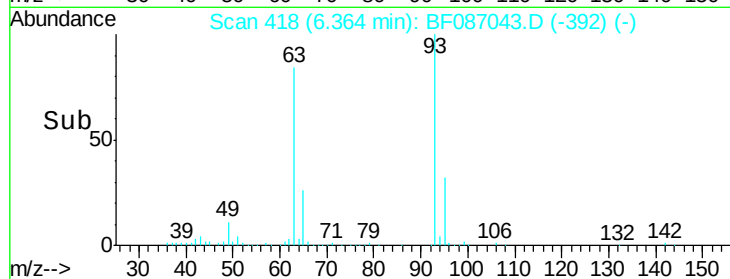
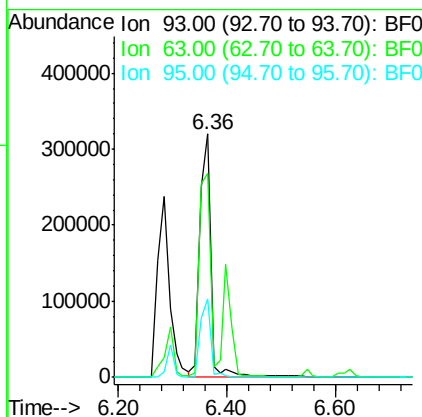
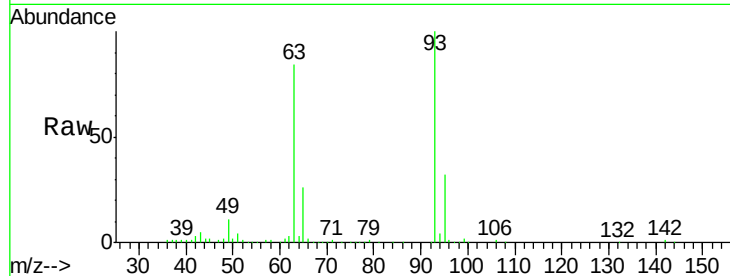
#11
 bis(2-Chloroethyl)ether
 Concen: 41.94 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	441762		
63	83.9	58.0	98.0	
95	32.3	11.9	51.9	

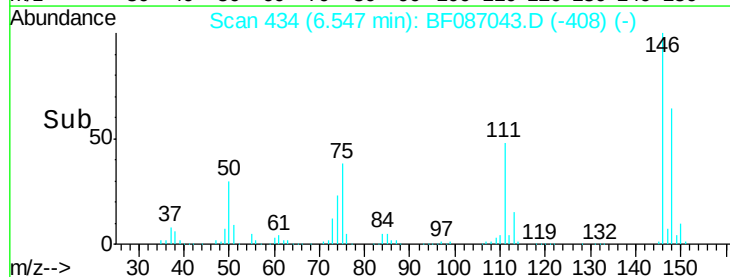
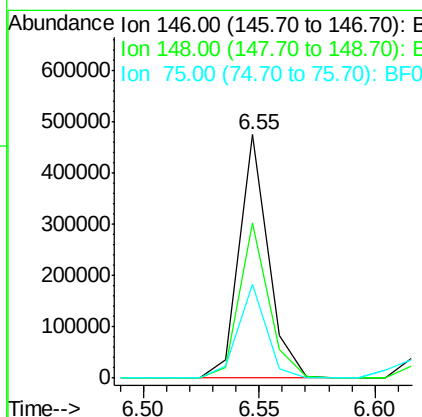
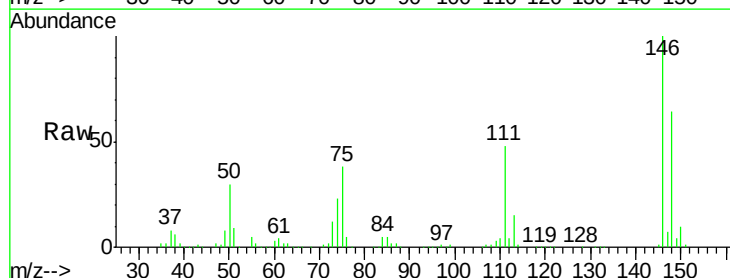
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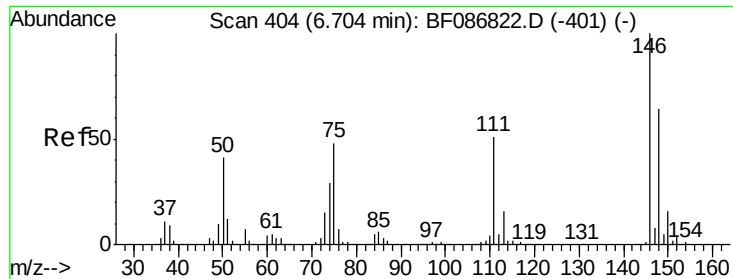
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#12
 1,3-Dichlorobenzene
 Concen: 36.98 ng m
 RT: 6.55 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	410664		
148	63.7	52.4	78.6	
75	38.4	22.8	34.2	





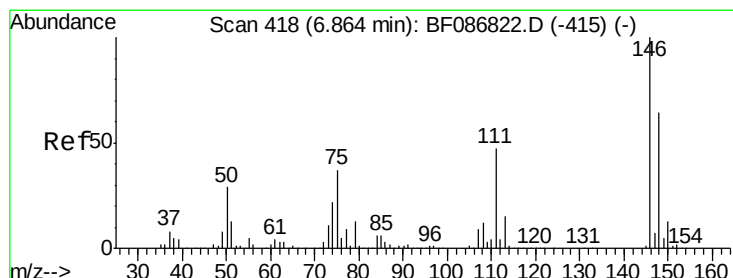
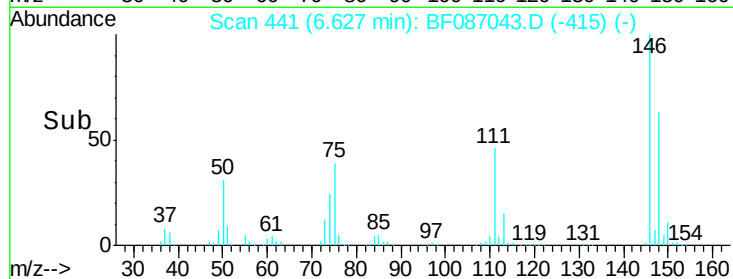
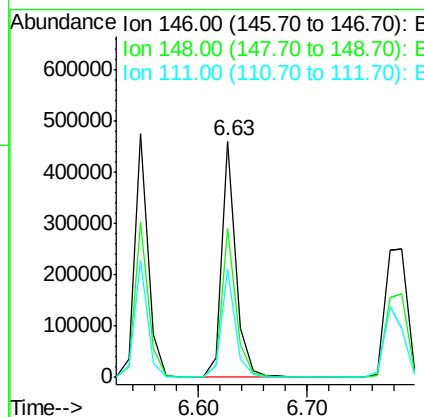
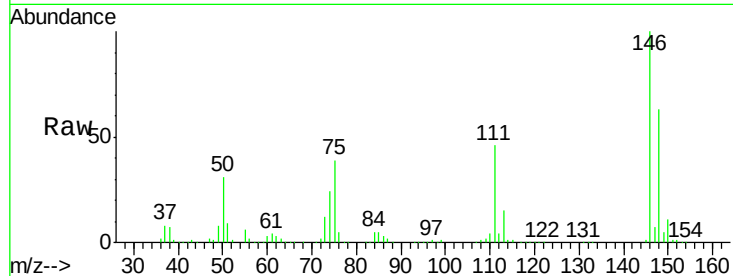
#13
 1,4-Dichlorobenzene
 Concen: 37.38 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	423316		
148	63.3	52.2	78.4	
111	45.6	30.7	46.1	

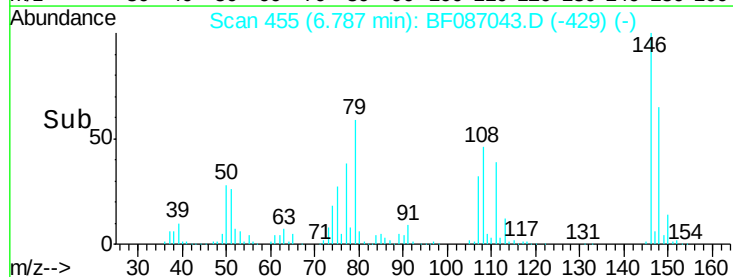
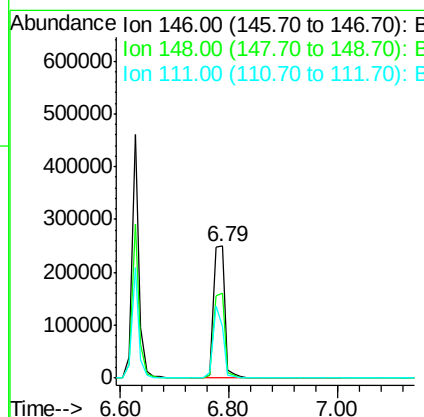
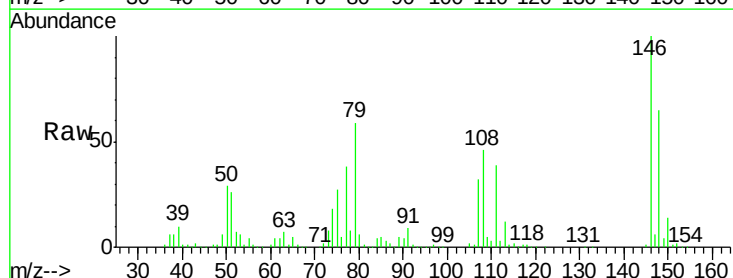
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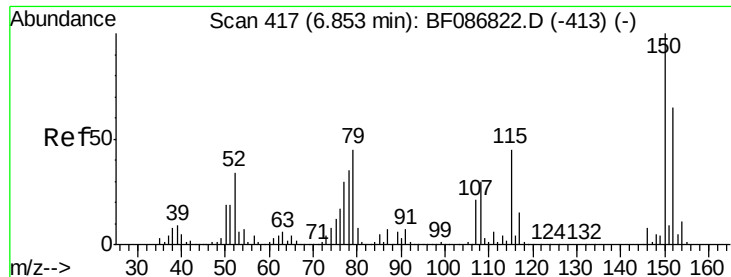
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#14
 1,2-Dichlorobenzene
 Concen: 37.33 ng
 RT: 6.79 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	368430		
148	64.7	51.0	76.6	
111	38.6	36.2	54.4	





#15

Benzyl Alcohol

Concen: 46.84 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD

Tgt Ion: 79 Resp: 367611
Ion Ratio Lower Upper

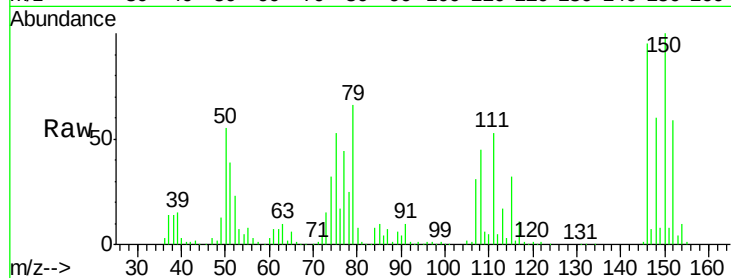
79 100

108 67.5 68.4 102.6#

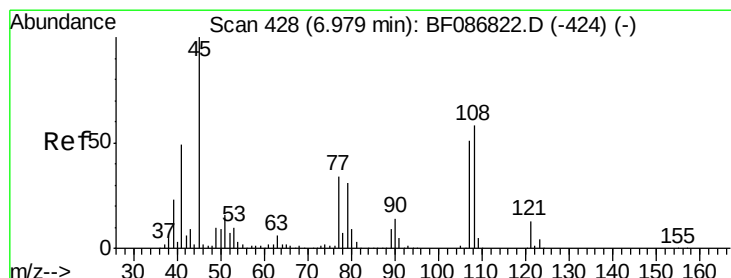
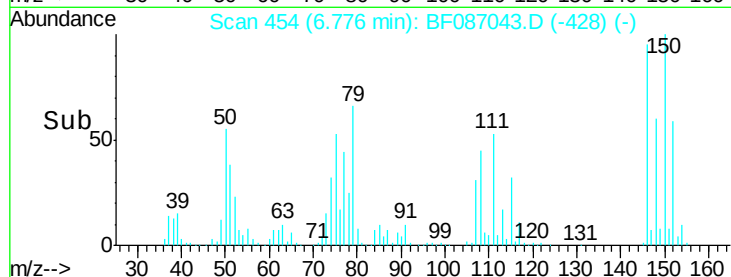
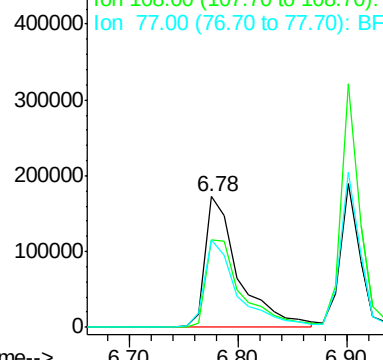
77 66.6 50.6 76.0

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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: 35.36 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF087043.D

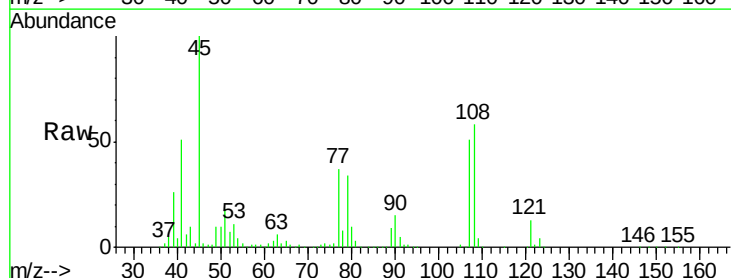
Acq: 15 May 2016 2:29

Tgt Ion: 45 Resp: 809650
Ion Ratio Lower Upper

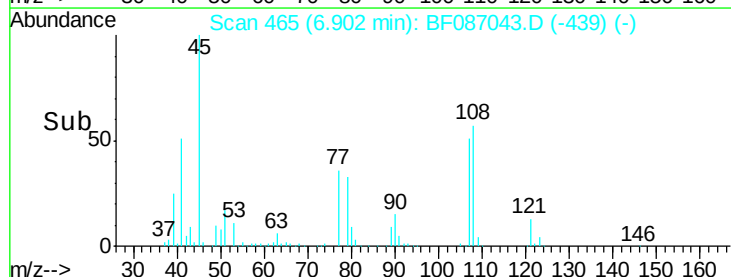
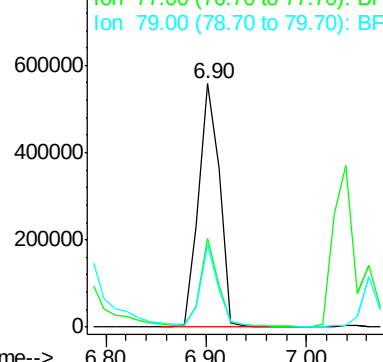
45 100

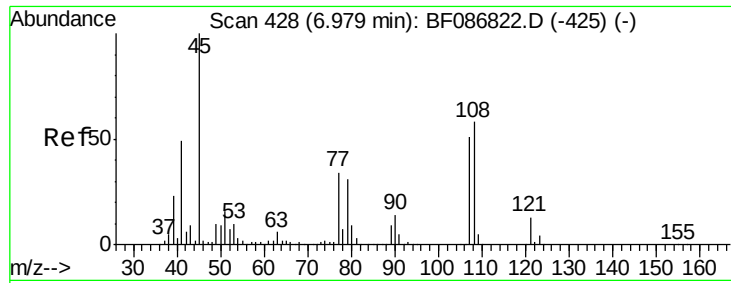
77 36.6 0.0 36.4#

79 33.9 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





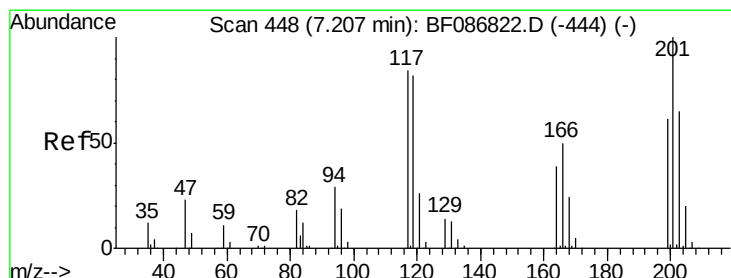
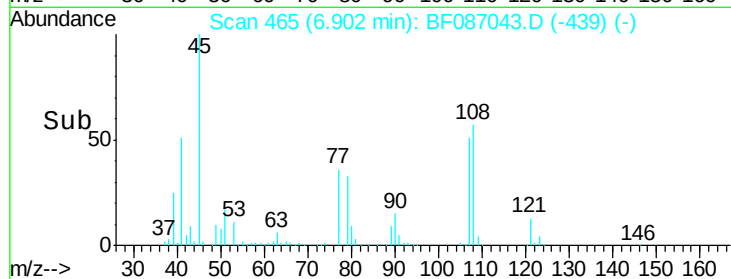
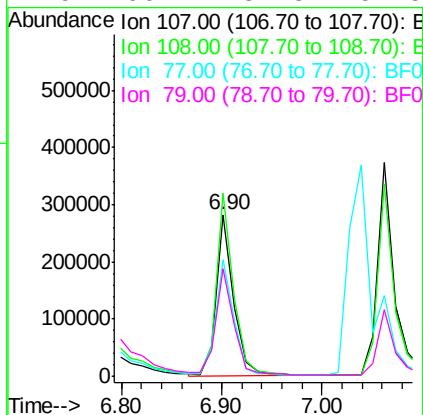
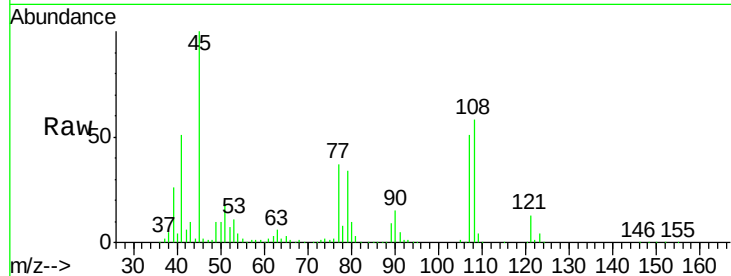
#17
2-Methylphenol
Concen: 40.99 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.4	93.7	140.5
77	72.2	33.4	50.0
79	66.7	34.3	51.5

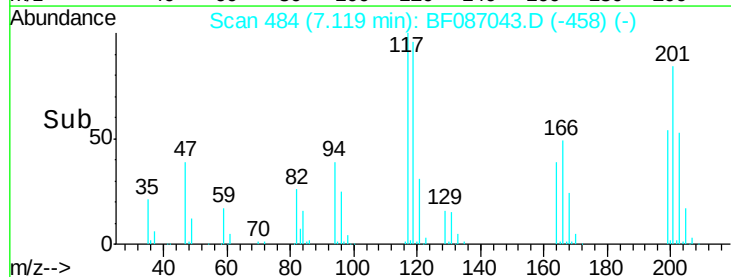
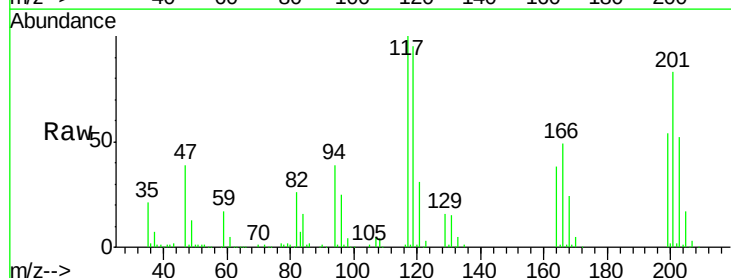
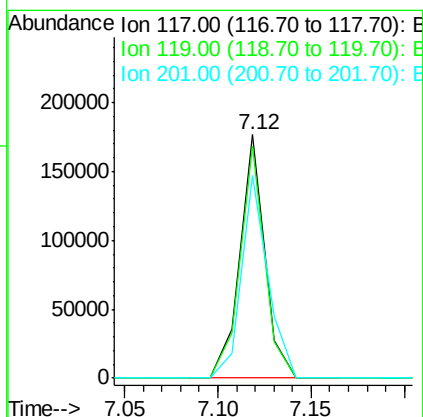
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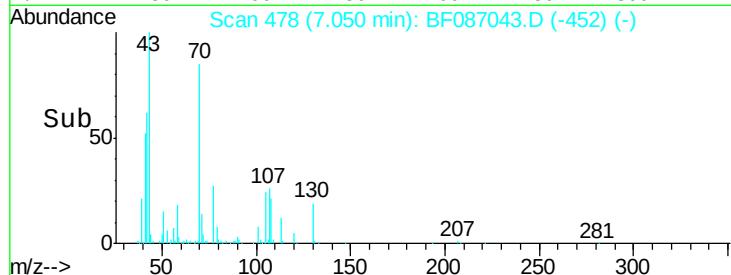
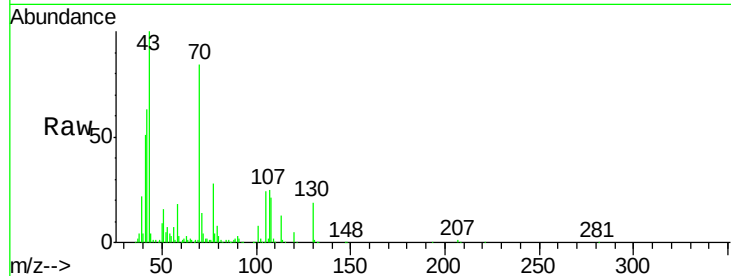
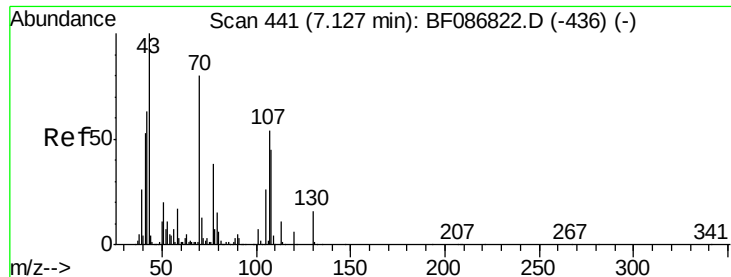
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#18
Hexachloroethane
Concen: 38.55 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.4	76.5	114.7
201	83.5	63.0	94.6





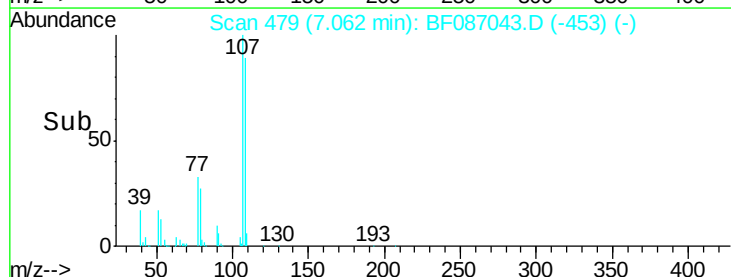
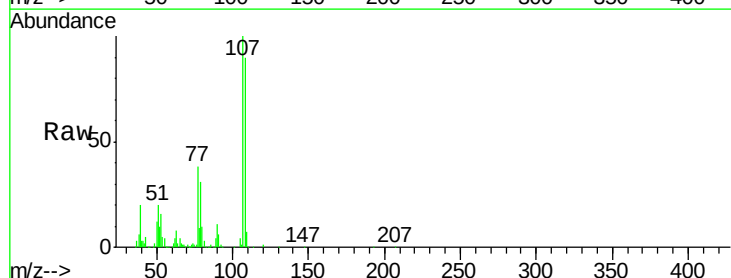
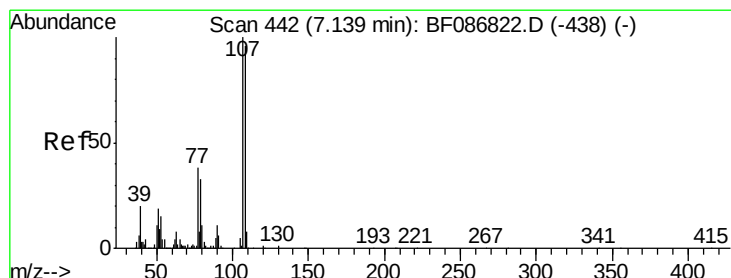
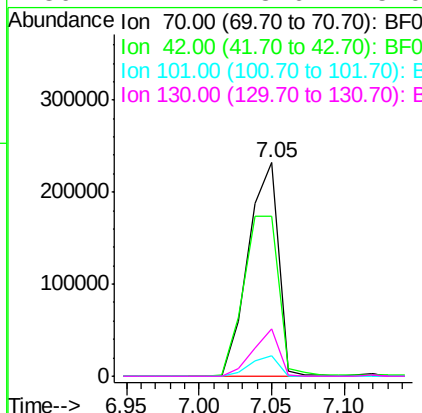
#19
n-Nitroso-di-n-propylamine
Concen: 42.18 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Manual Integrations
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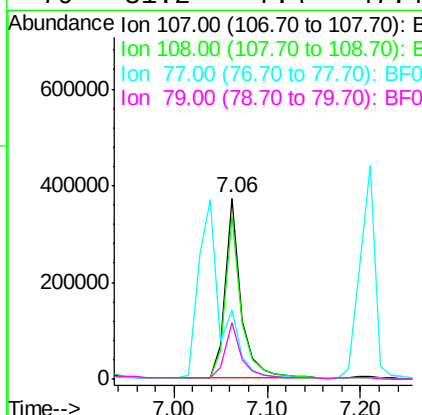
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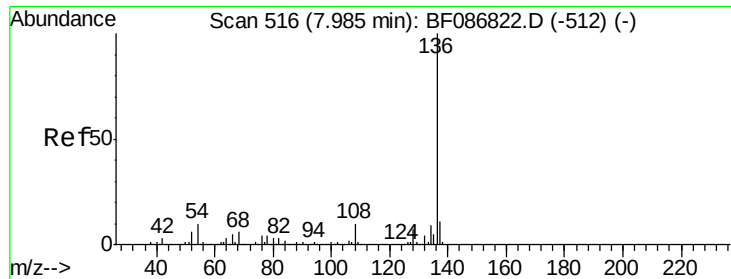
Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.7	43.1	64.7#
101	9.8	8.1	12.1
130	22.1	18.6	28.0



#20
3+4-Methylphenols
Concen: 41.46 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.5	108.5
77	38.0	101.6	141.6#
79	31.2	7.4	47.4





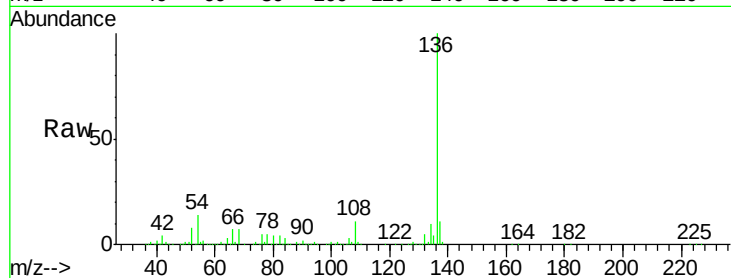
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

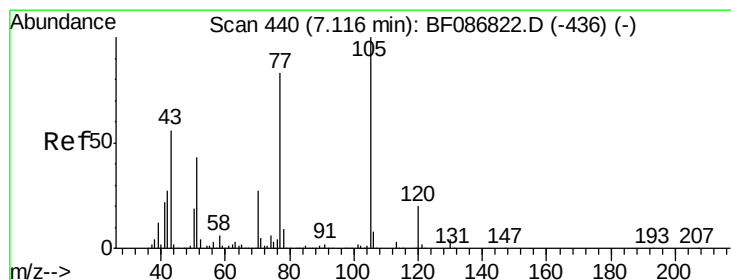
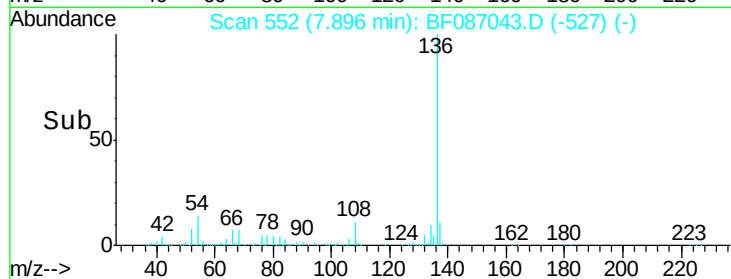
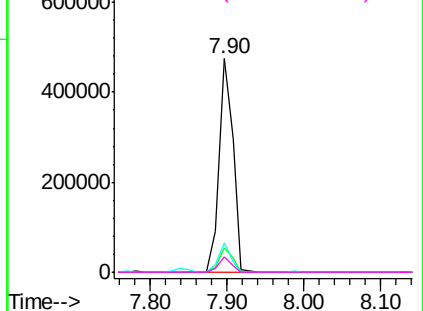
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	601379		
137	11.2	8.8	13.2	
54	14.1	5.0	7.4	
68	7.2	4.4	6.6	

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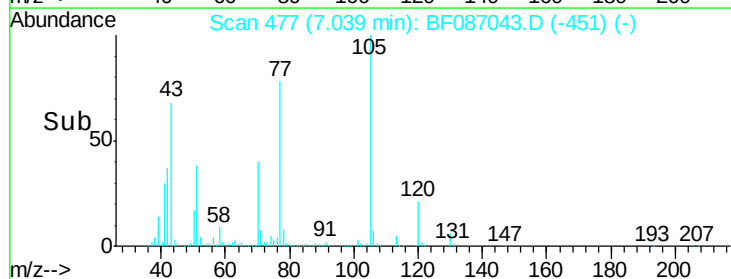
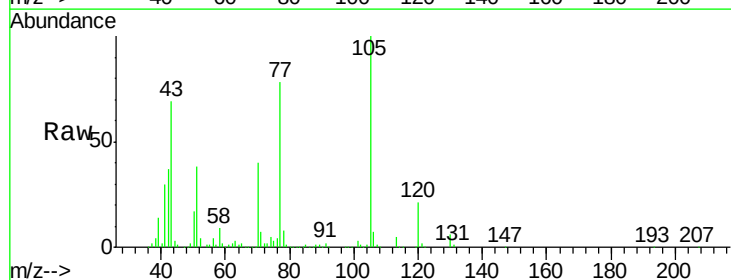
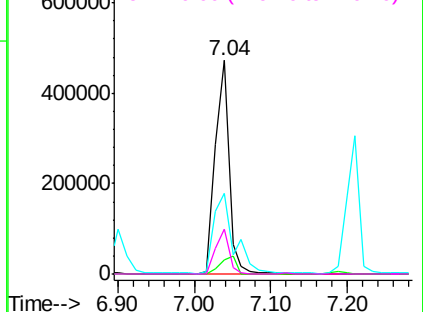
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

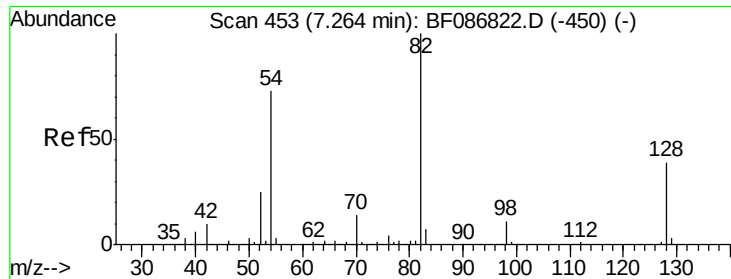


#22
Acetophenone
Concen: 41.80 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	593737		
71	6.6	4.8	7.2	
51	37.7	32.6	49.0	
120	20.7	16.5	24.7	

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





#23

Nitrobenzene-d5

Concen: 73.79 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

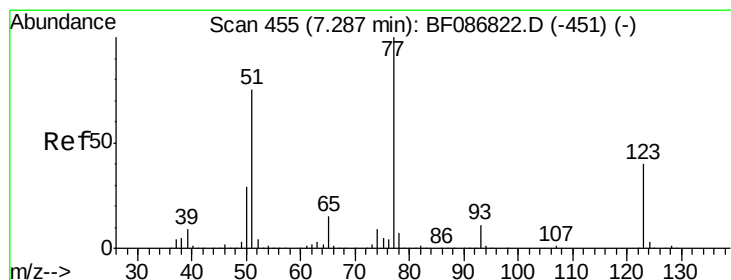
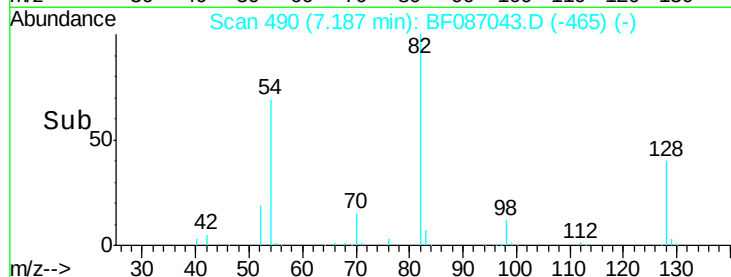
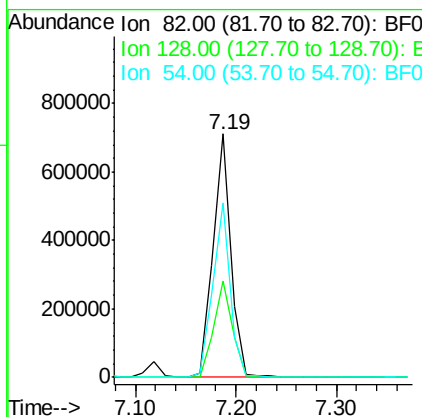
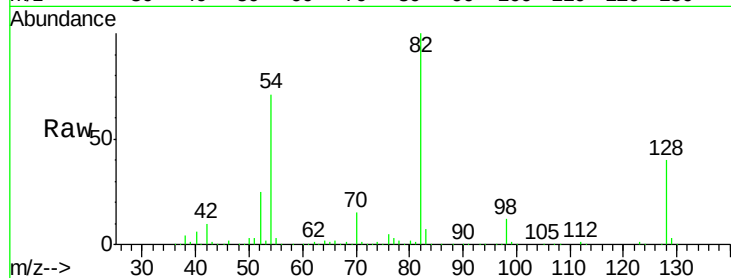
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	883756		
128	39.6	40.6	61.0#	
54	71.5	38.1	57.1#	

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#24

Nitrobenzene

Concen: 39.68 ng

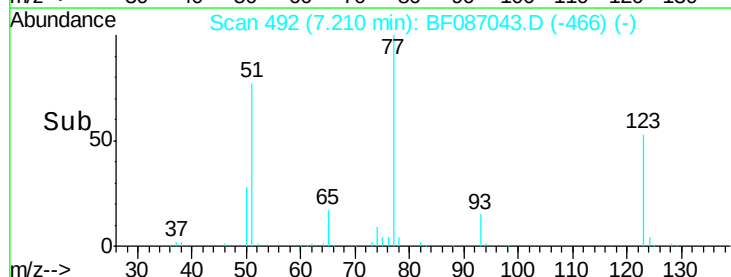
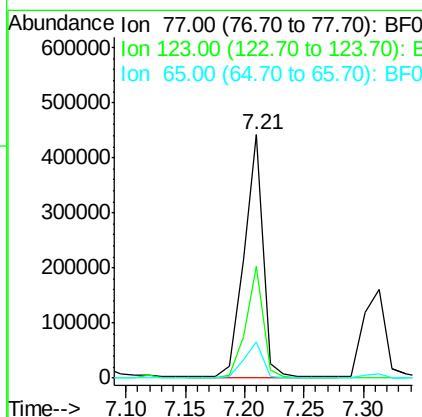
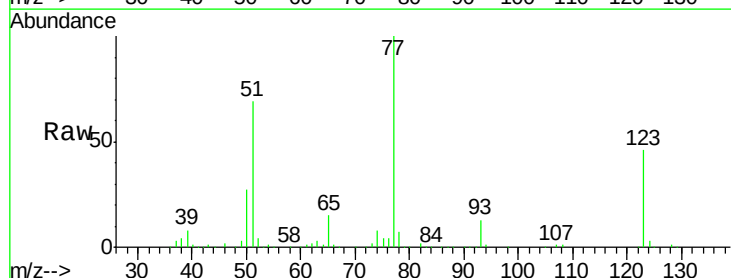
RT: 7.21 min Scan# 492

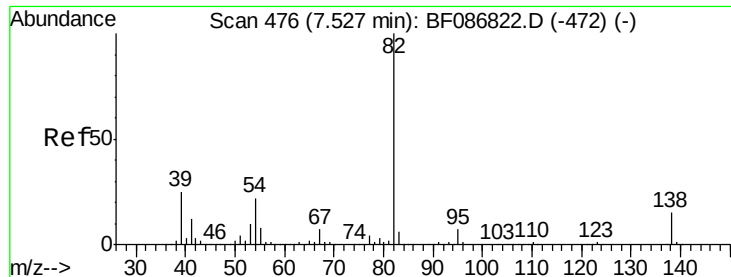
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	488898		
123	46.0	33.0	49.4	
65	14.7	10.8	16.2	





#25

Isophorone

Concen: 38.51 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

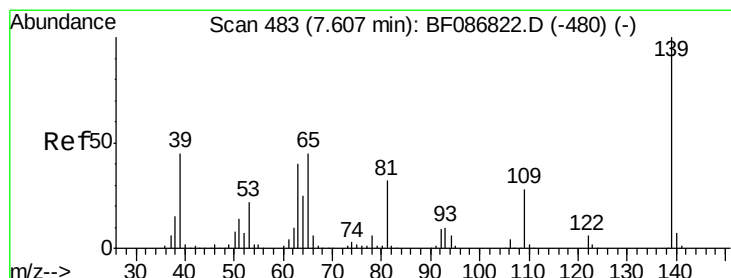
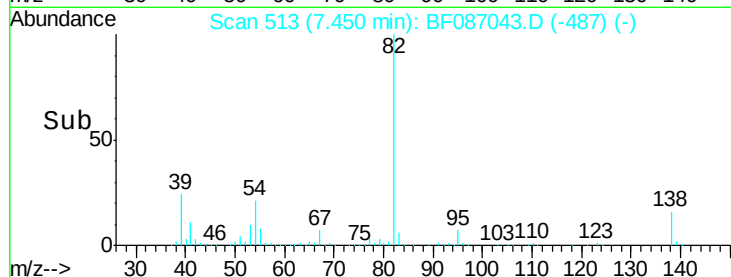
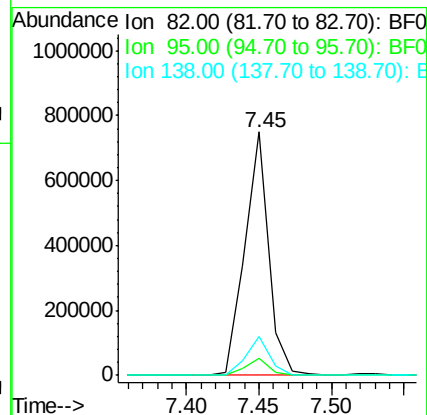
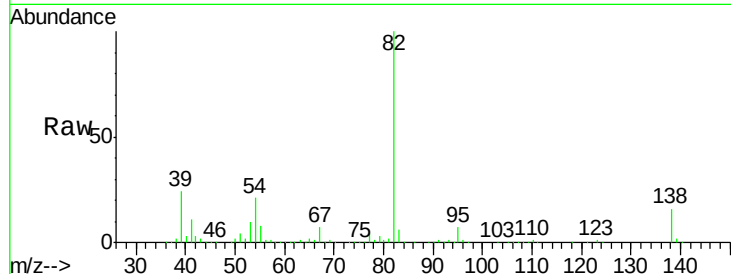
ClientSampleId :

PB90575BSD

Tgt Ion:	82	Resp:	855765
Ion Ratio		Lower	Upper
82	100		
95	7.3	5.1	7.7
138	16.2	12.4	18.6

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#26

2-Nitrophenol

Concen: 38.74 ng

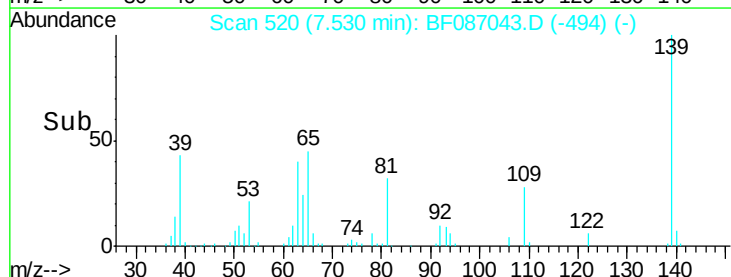
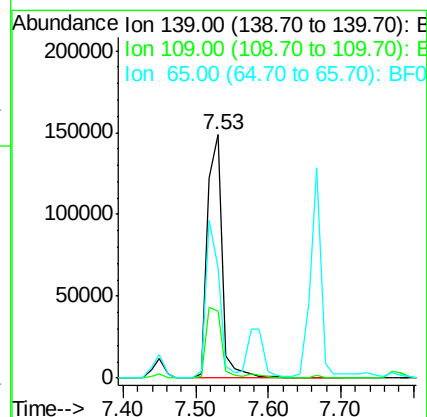
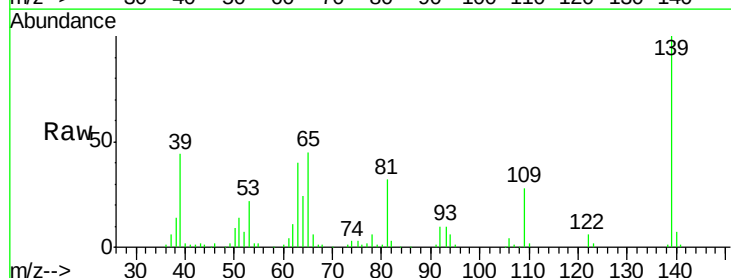
RT: 7.53 min Scan# 520

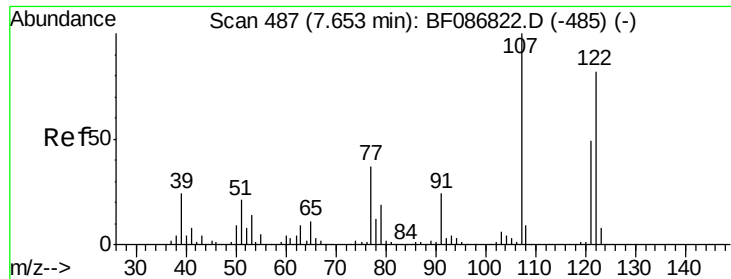
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	139	Resp:	209806
Ion Ratio		Lower	Upper
139	100		
109	27.7	19.5	29.3
65	45.4	37.5	56.3





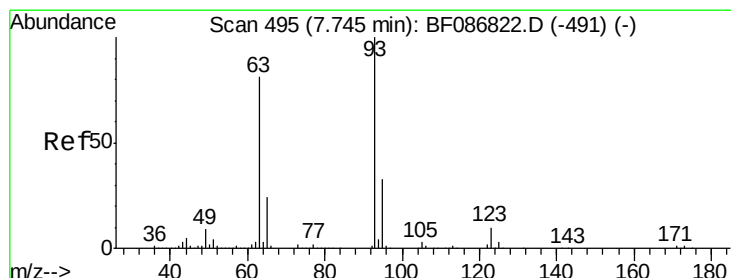
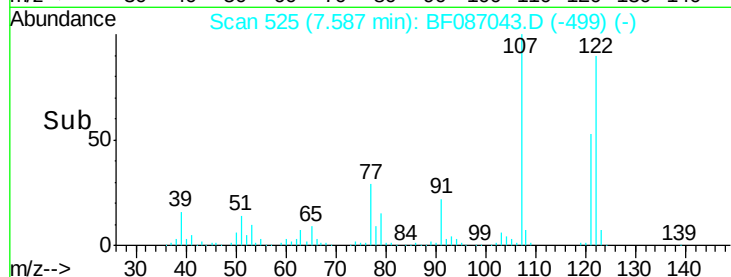
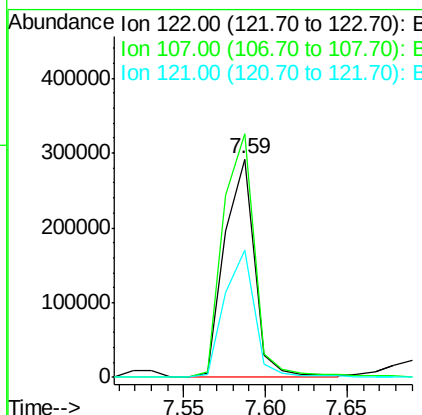
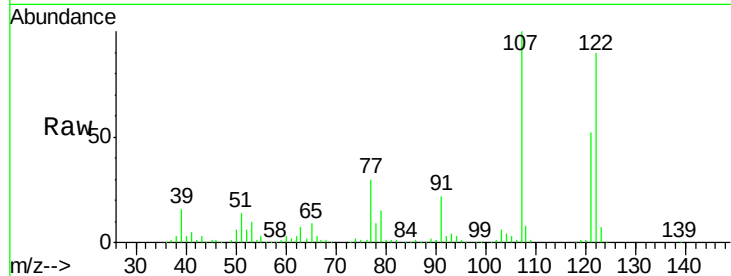
#27
 2,4-Dimethylphenol
 Concen: 40.16 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

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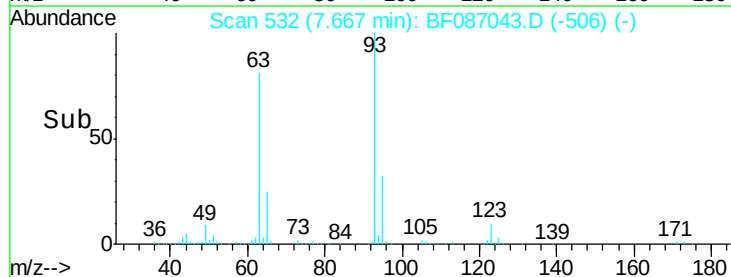
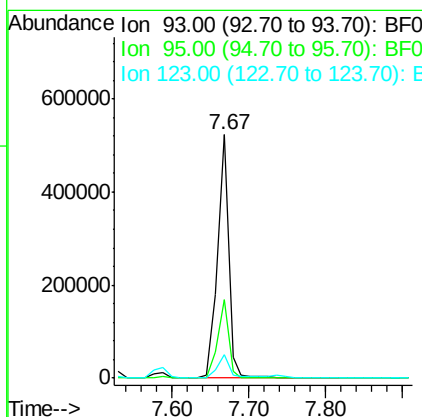
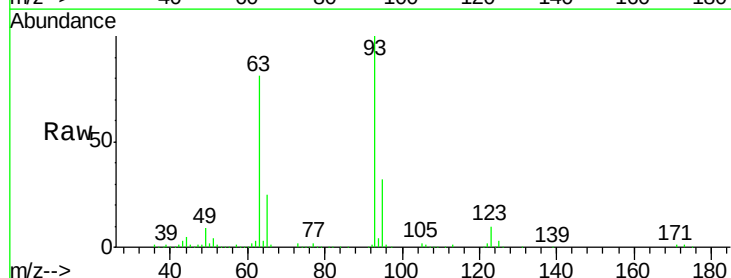
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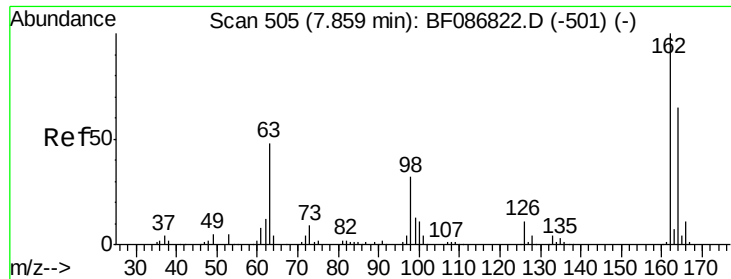
Tgt Ion:	122	Resp:	370460
Ion Ratio	Lower	Upper	
122	100		
107	111.6	82.0	123.0
121	58.6	46.1	69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.94 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion:	93	Resp:	526689
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.0	39.0
123	9.9	9.5	14.3





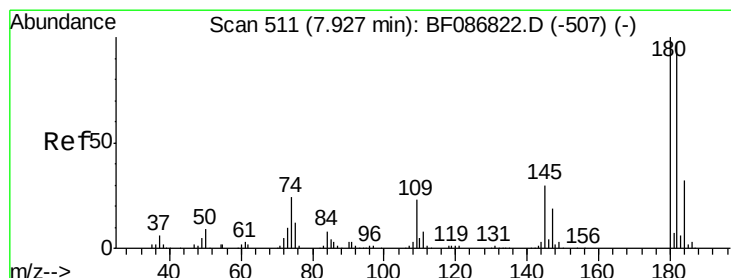
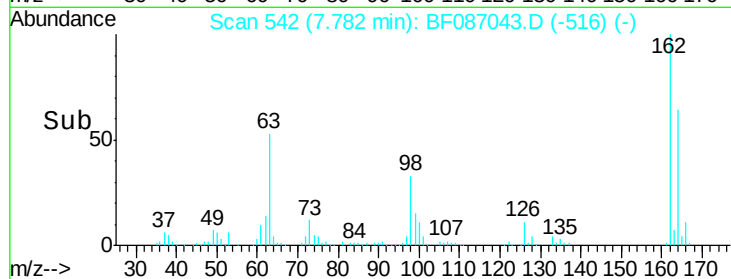
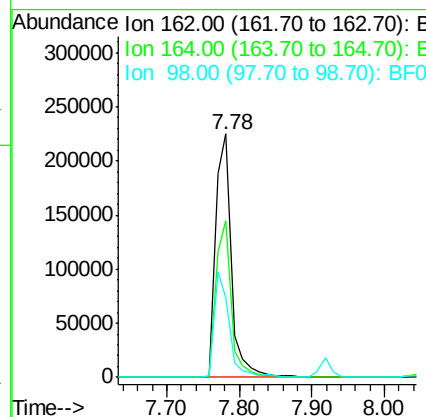
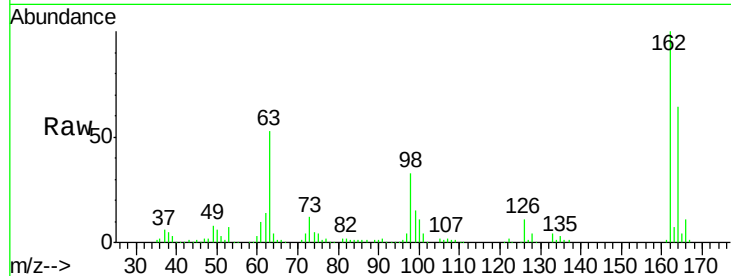
#29
 2,4-Dichlorophenol
 Concen: 41.59 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion:	162	Resp:	337664
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.2	82.2
98	32.9	19.0	59.0

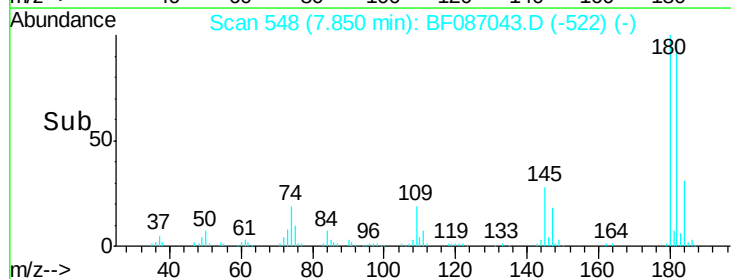
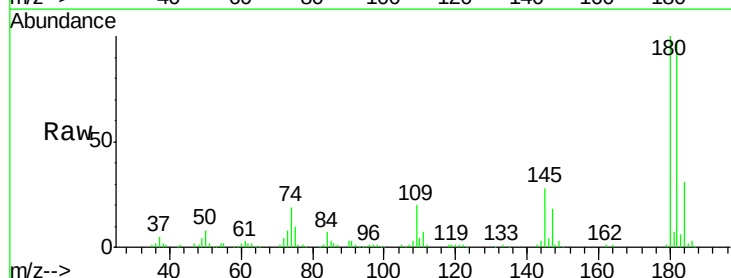
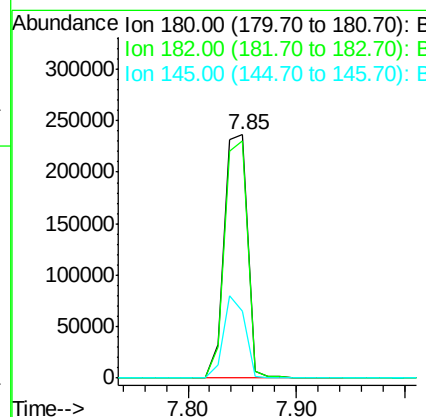
Manual Integrations
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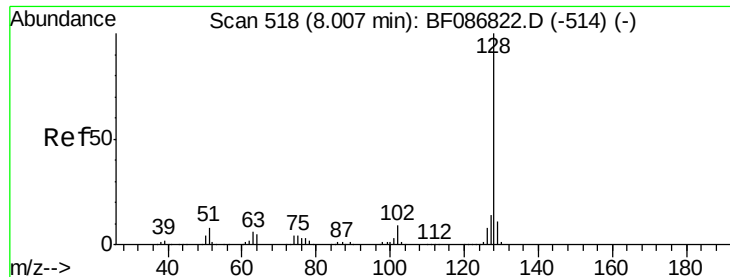
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion:	180	Resp:	350536
Ion Ratio	Lower	Upper	
180	100		
182	97.4	78.0	117.0
145	27.6	24.2	36.2





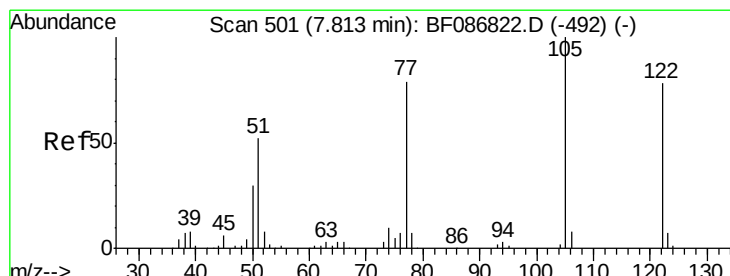
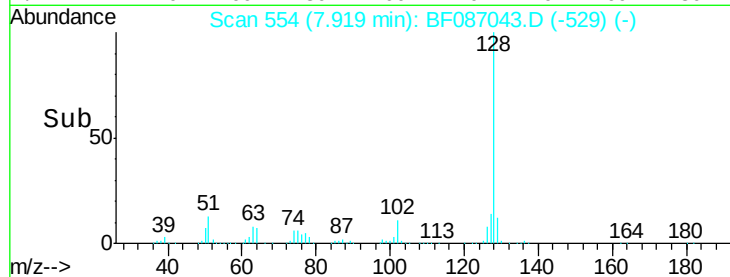
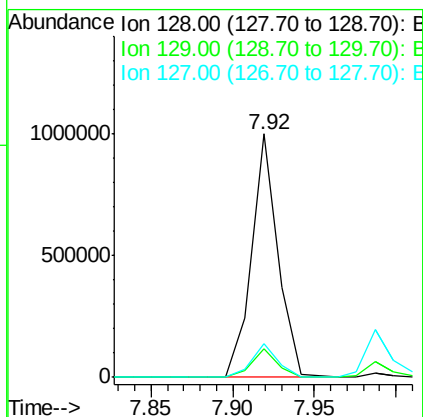
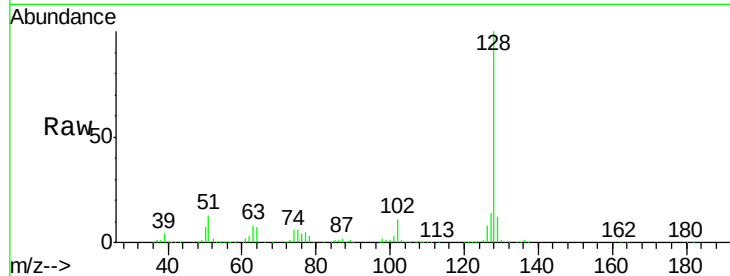
#31
Naphthalene
Concen: 37.34 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampled :
PB90575BSD

Tgt Ion:128 Resp: 1124764
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 13.8 10.8 16.2

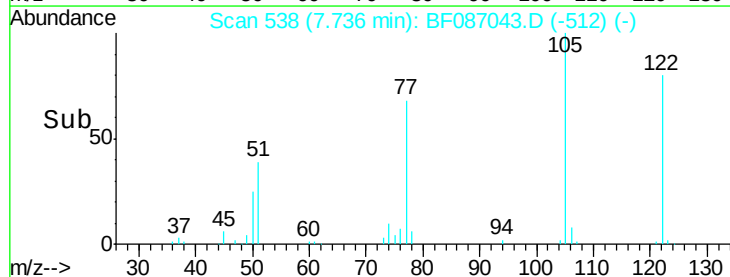
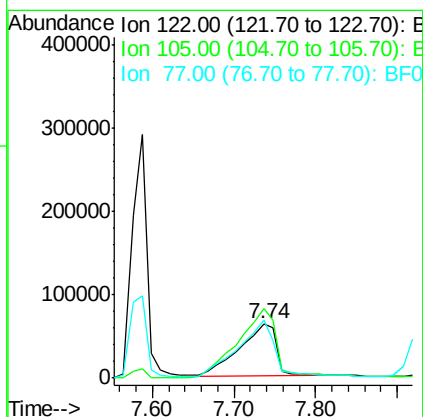
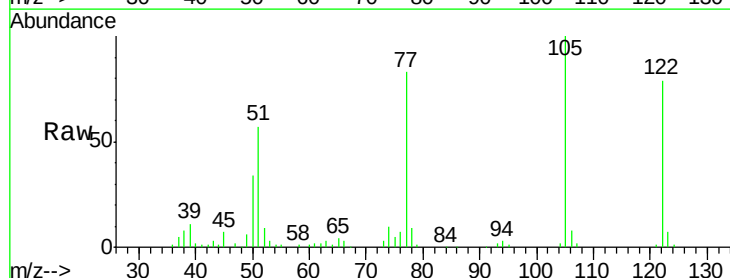
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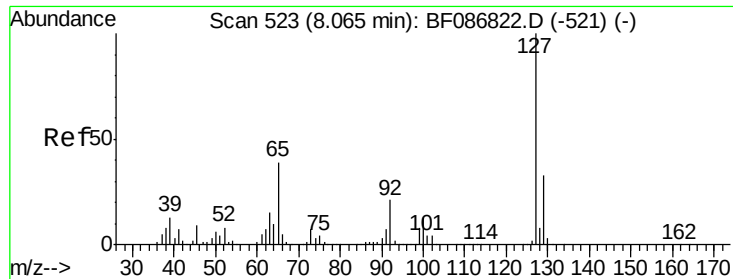
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#32
Benzoic acid
Concen: 37.81 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion:122 Resp: 204840
Ion Ratio Lower Upper
122 100
105 127.0 92.6 132.6
77 105.9 60.0 100.0#





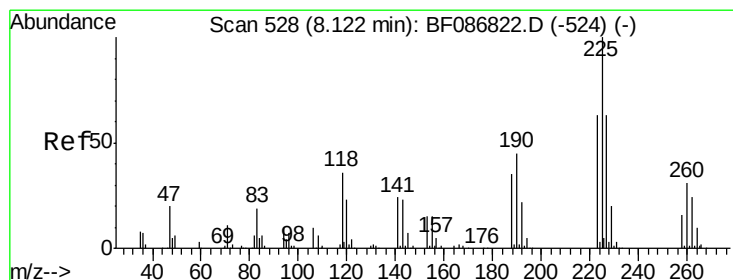
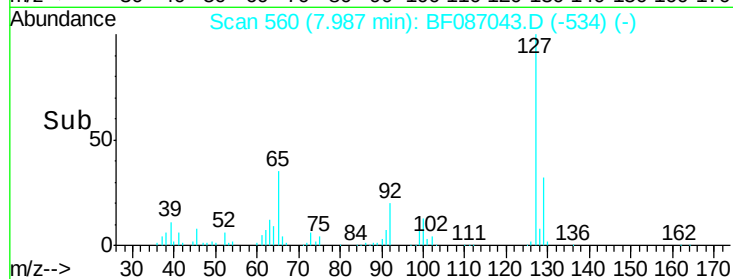
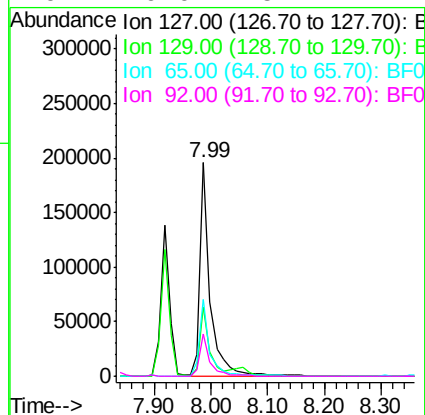
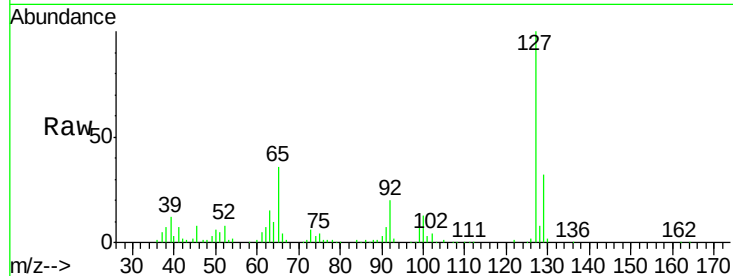
#33
4-Chloroaniline
Concen: 20.48 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.5	26.2	39.4
65	36.1	23.0	34.4
92	20.0	15.1	22.7

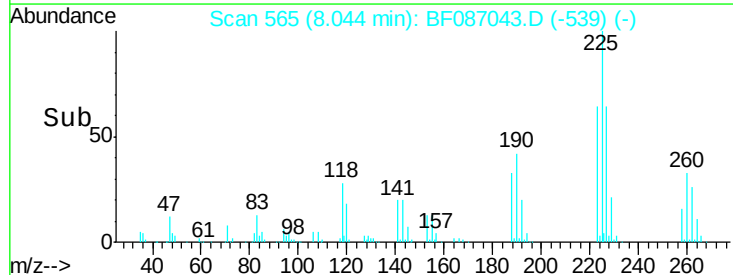
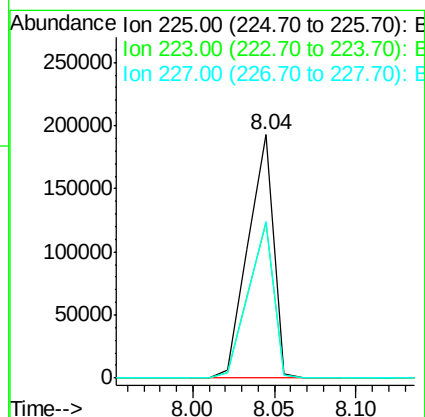
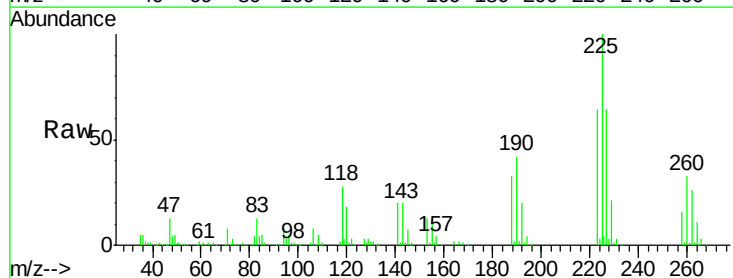
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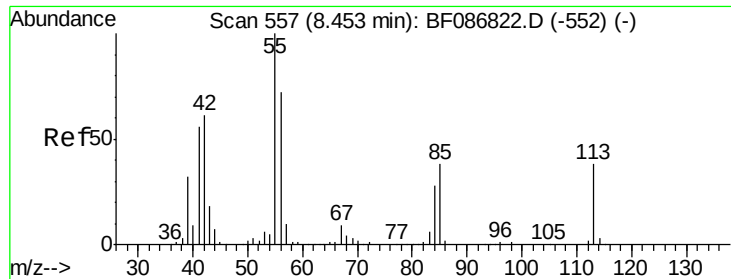
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#34
Hexachlorobutadiene
Concen: 39.78 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.6	51.5	77.3
227	64.2	52.2	78.2





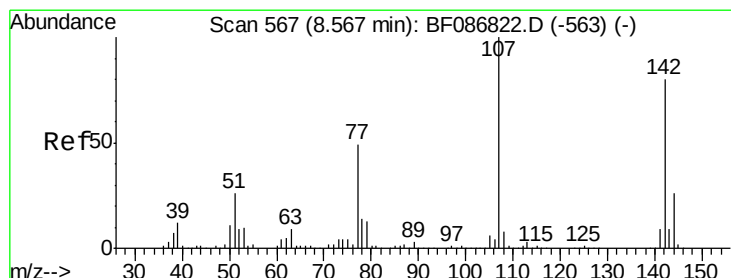
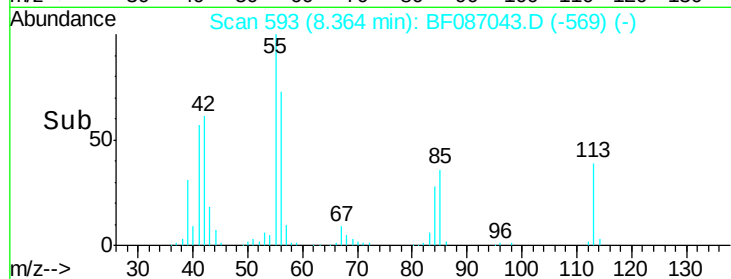
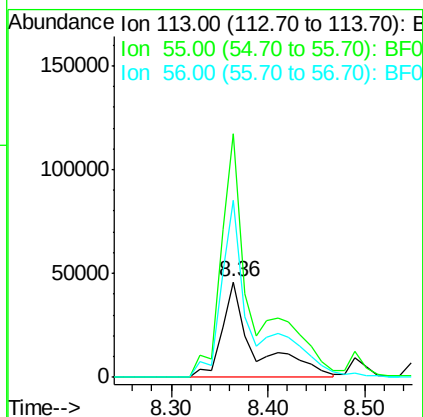
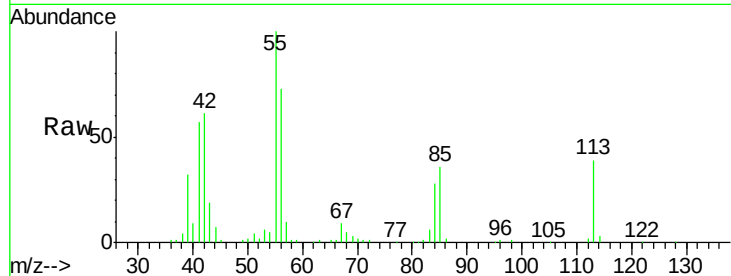
#35
 Caprolactam
 Concen: 39.15 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion:113 Resp: 108164
 Ion Ratio Lower Upper
 113 100
 55 254.9 162.0 202.0#
 56 185.0 115.3 155.3#

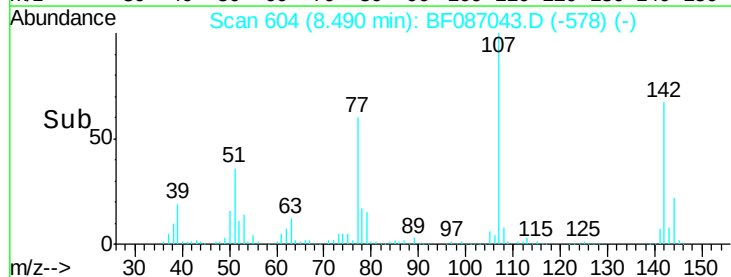
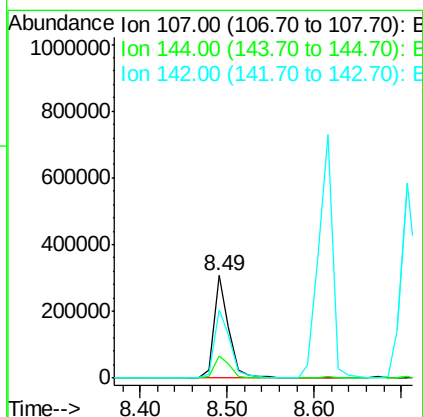
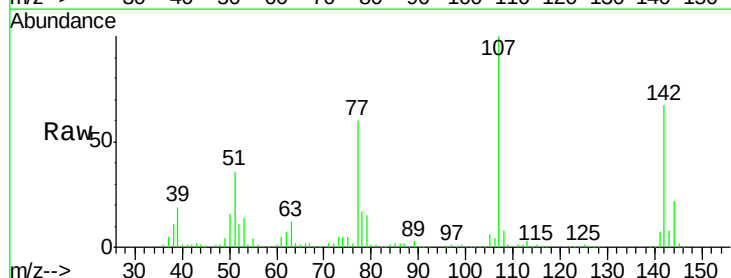
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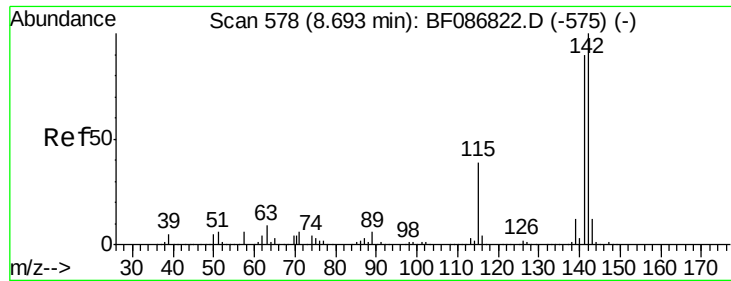
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#36
 4-Chloro-3-methylphenol
 Concen: 37.54 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion:107 Resp: 369626
 Ion Ratio Lower Upper
 107 100
 144 21.9 20.7 31.1
 142 67.0 63.2 94.8





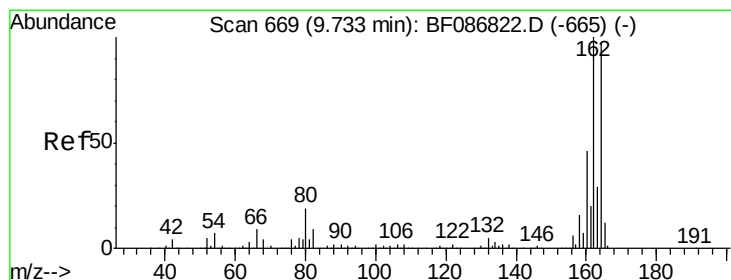
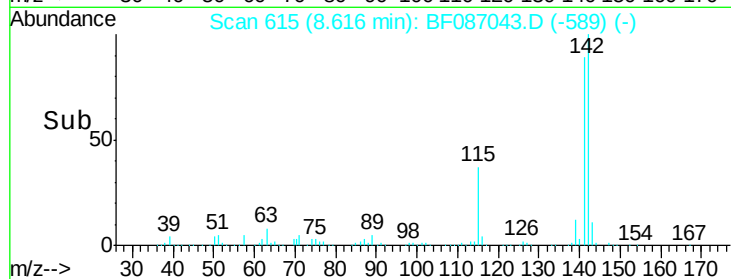
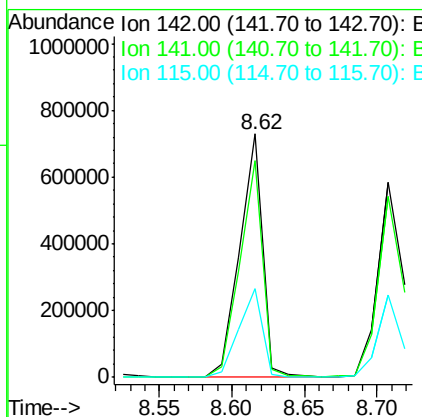
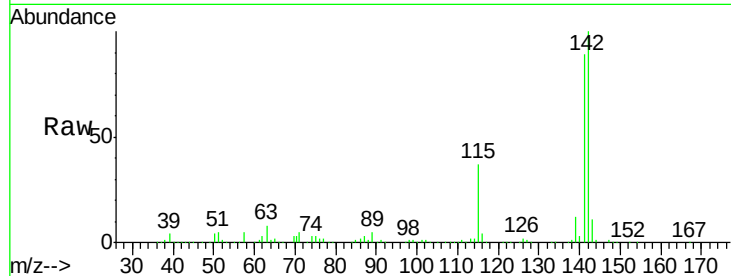
#37
2-Methylnaphthalene
Concen: 45.20 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	795945		
141	88.8	71.0	106.6	
115	36.7	26.6	39.8	

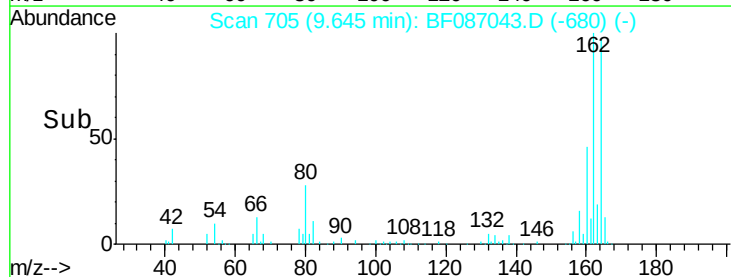
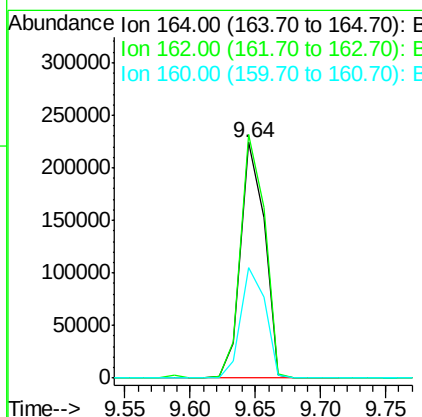
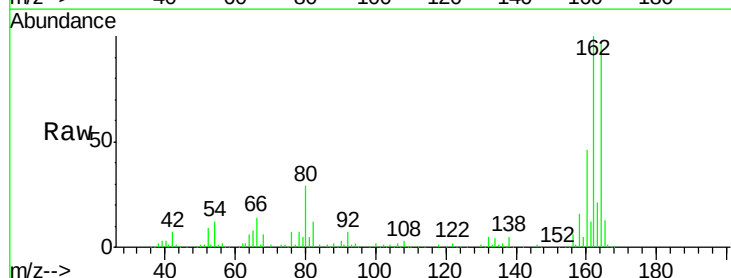
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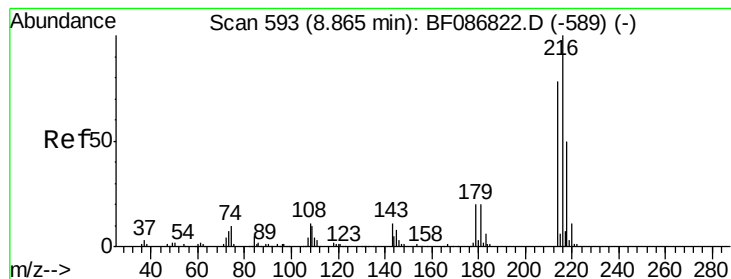
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	285293		
162	103.4	82.8	124.2	
160	47.1	36.9	55.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.45 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF087043.D

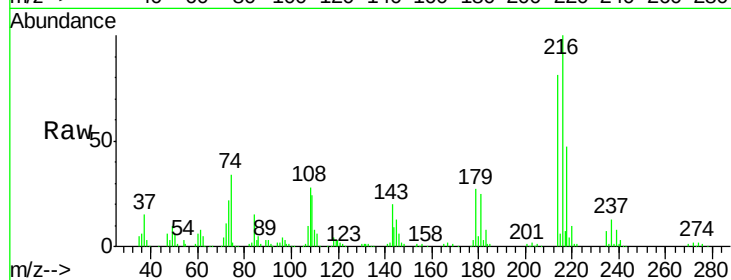
Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD



Tgt Ion: 216 Resp: 302354

Ion Ratio Lower Upper

216 100

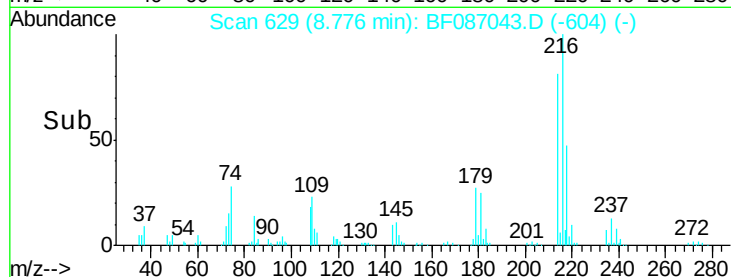
214 79.7 62.6 93.8

179 23.6 18.2 27.4

108 26.2 17.5 26.3

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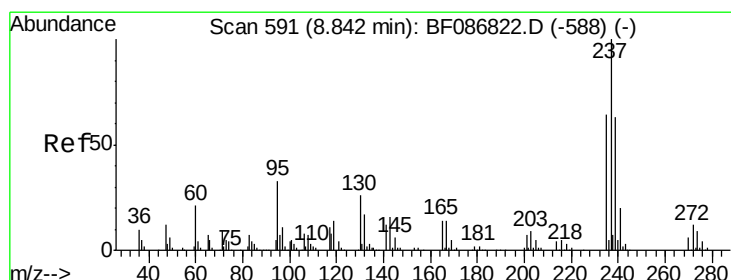
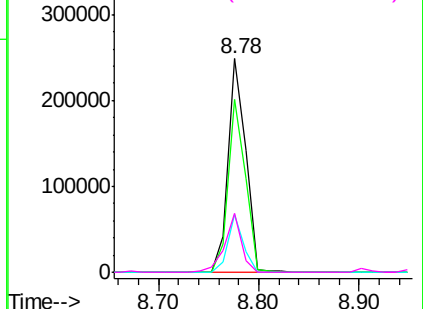


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 71.05 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

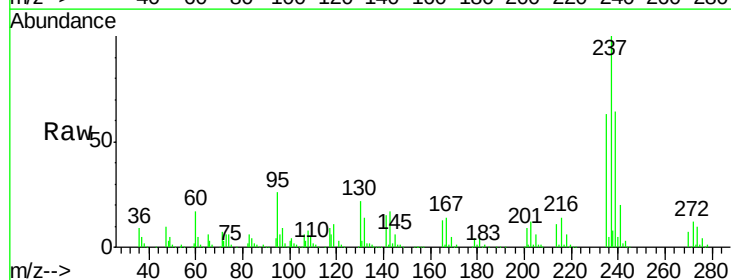
Tgt Ion: 237 Resp: 279725

Ion Ratio Lower Upper

237 100

235 63.0 47.2 87.2

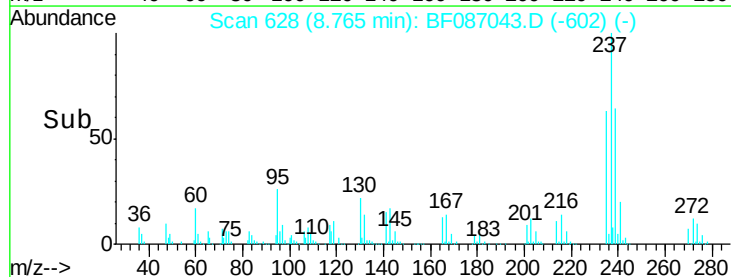
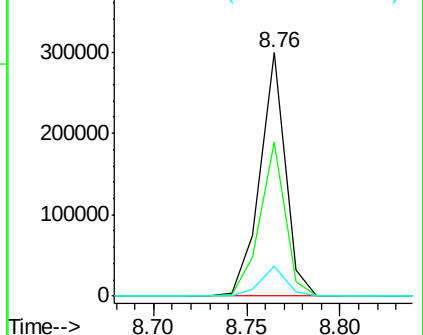
272 12.2 0.0 31.1

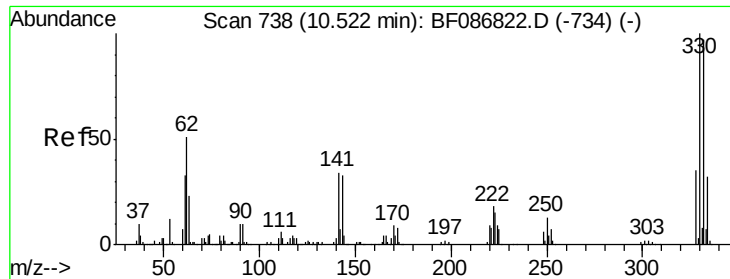


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





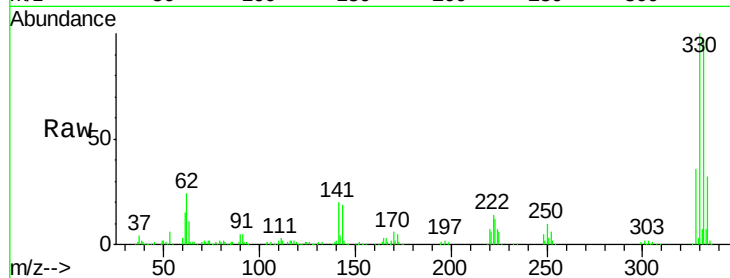
#41
 2,4,6-Tribromophenol
 Concen: 131.47 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampled :
 PB90575BSD

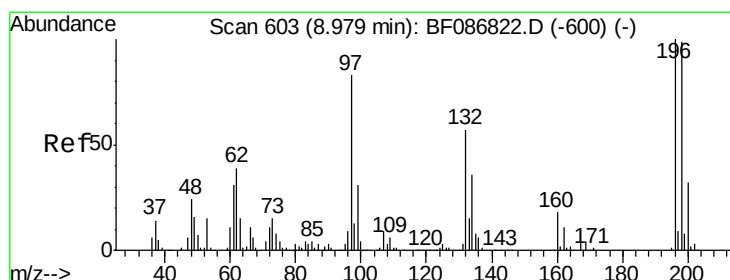
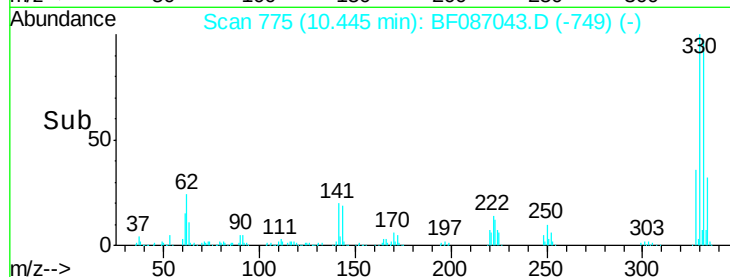
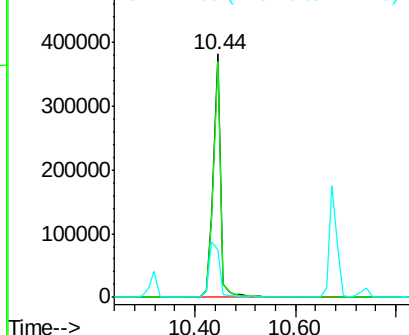
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	397067		
332	96.7	79.0	118.4	
141	31.7	31.2	46.8	

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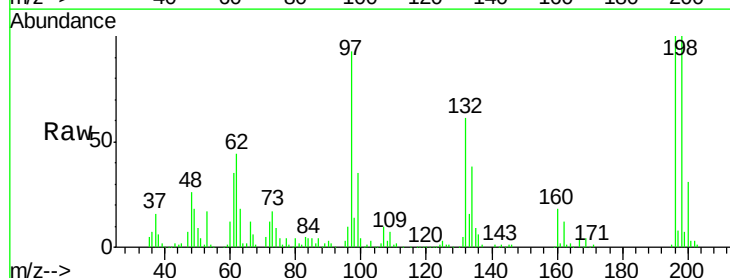


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

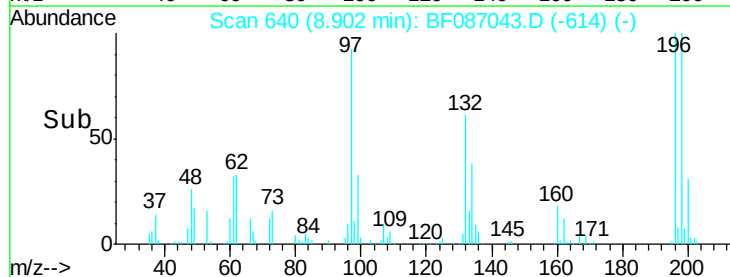
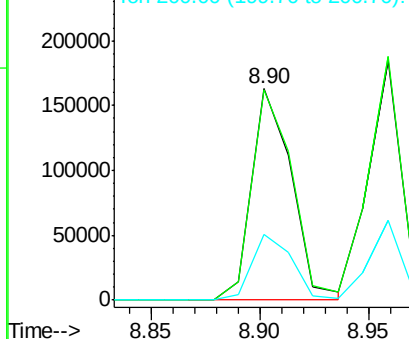


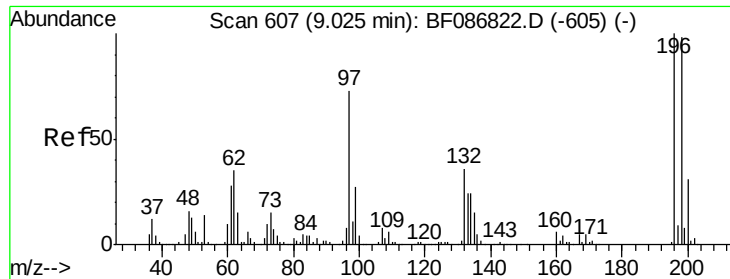
#42
 2,4,6-Trichlorophenol
 Concen: 37.80 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209657		
198	99.7	74.7	112.1	
200	31.4	23.8	35.6	



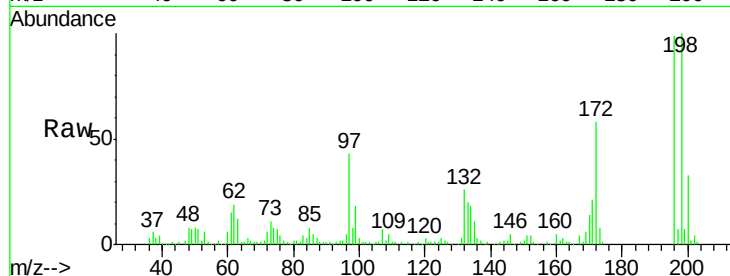
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 36.99 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

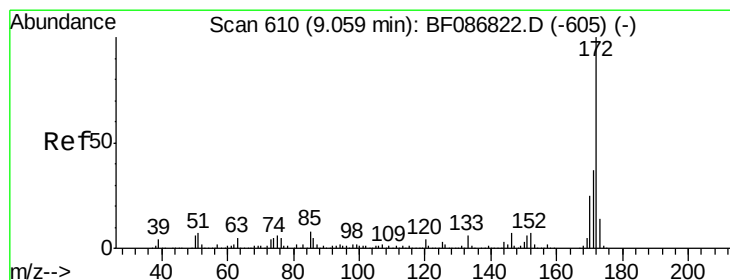
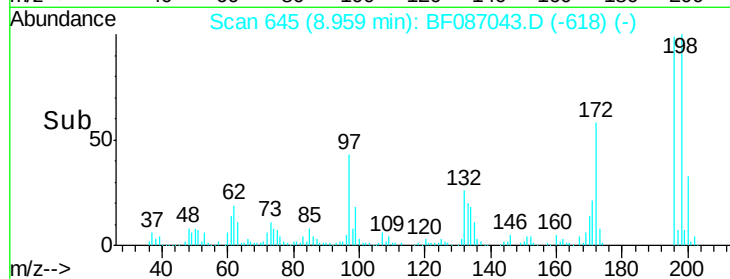
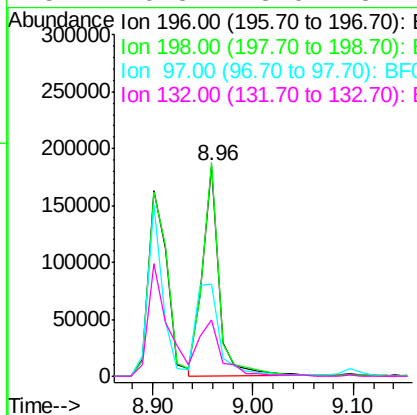
Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD



Tgt Ion	Resp	Lower	Upper
196	212209		
196	100		
198	101.5	77.5	116.3
97	43.7	34.8	52.2
132	26.8	23.0	34.4

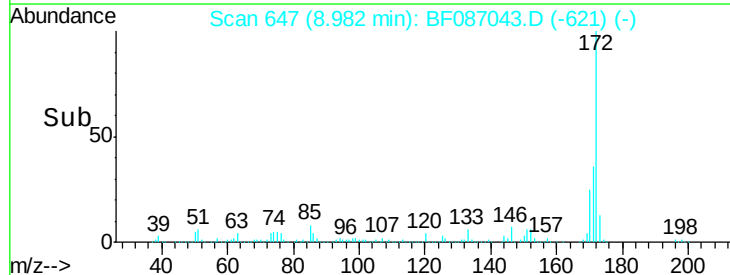
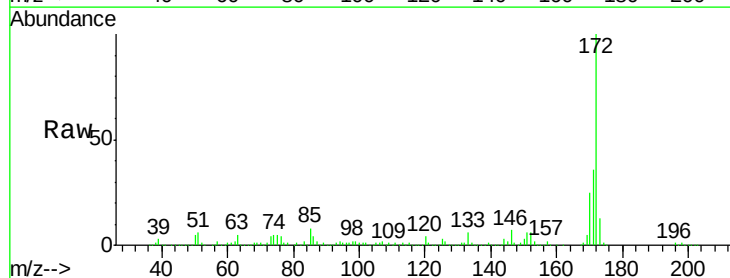
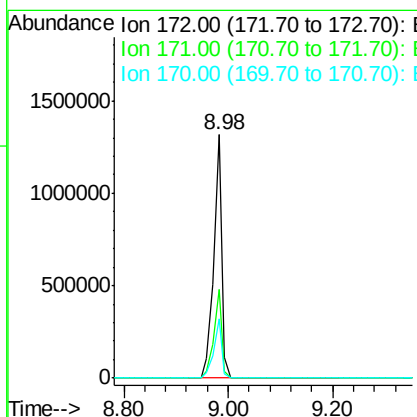
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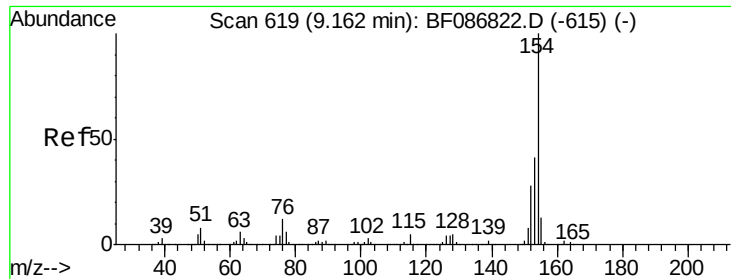
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#44
 2-Fluorobiphenyl
 Concen: 83.67 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Resp	Lower	Upper
172	1420238		
172	100		
171	36.2	29.0	43.6
170	24.6	19.8	29.8





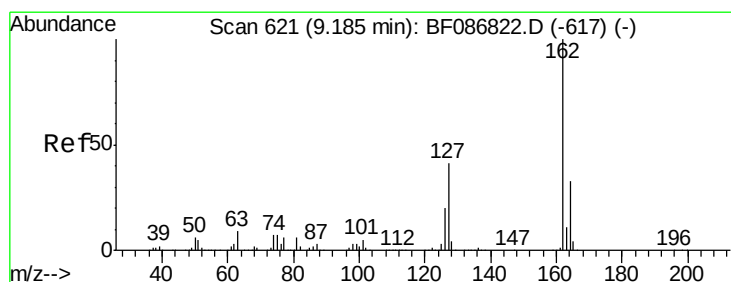
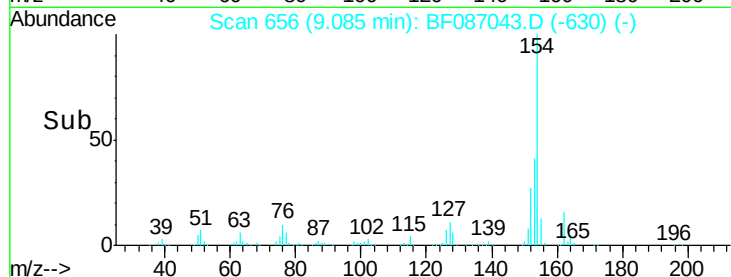
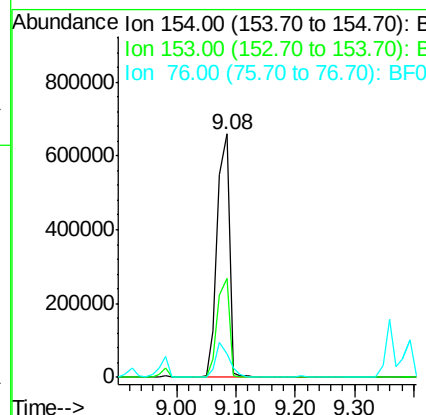
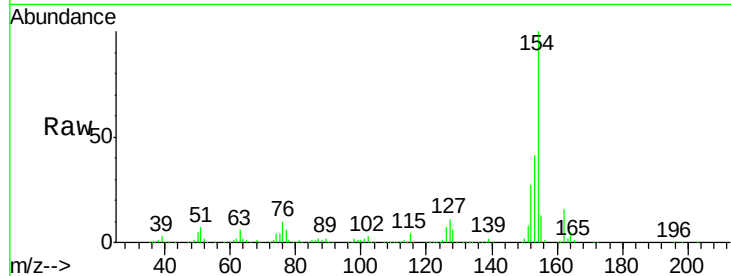
#45
 1,1'-Biphenyl
 Concen: 41.37 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion:	154	Resp:	938687
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	9.6	0.0	30.2

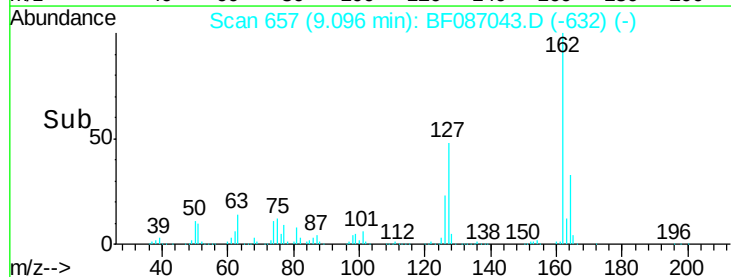
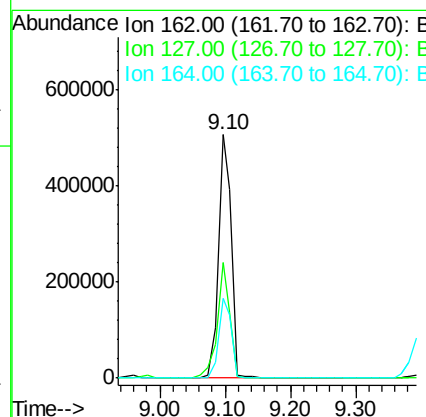
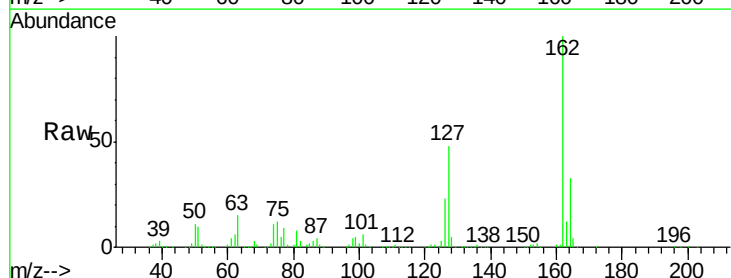
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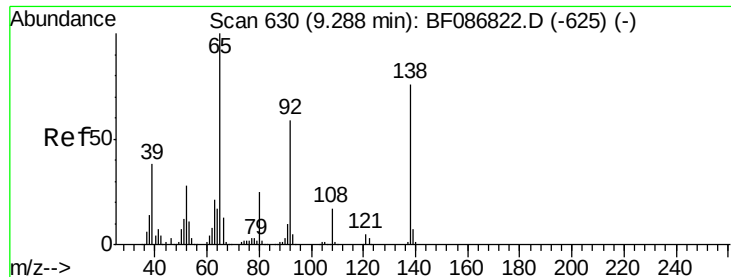
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#46
 2-Chloronaphthalene
 Concen: 39.65 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion:	162	Resp:	704967
Ion Ratio	Lower	Upper	
162	100		
127	47.5	31.8	47.6
164	32.5	27.0	40.6





#47

2-Nitroaniline

Concen: 41.88 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD

Tgt Ion: 65 Resp: 272123
Ion Ratio Lower Upper

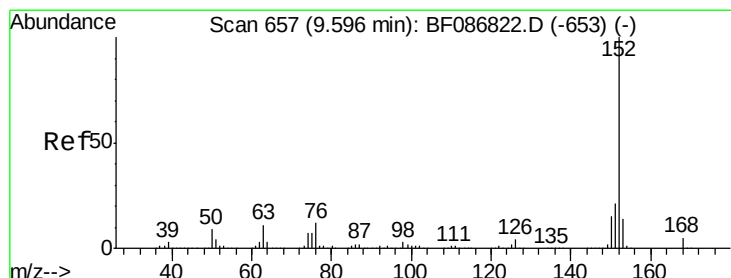
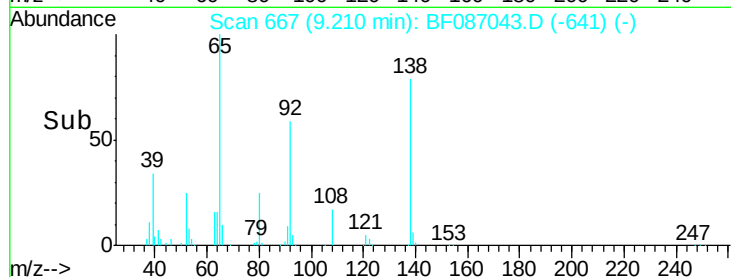
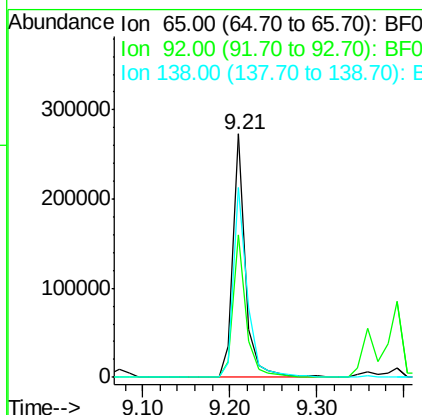
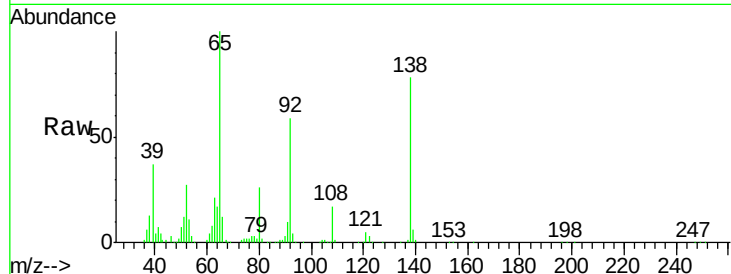
65 100

92 58.7 57.4 86.2

138 77.8 90.1 135.1#

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#48

Acenaphthylene

Concen: 40.84 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF087043.D

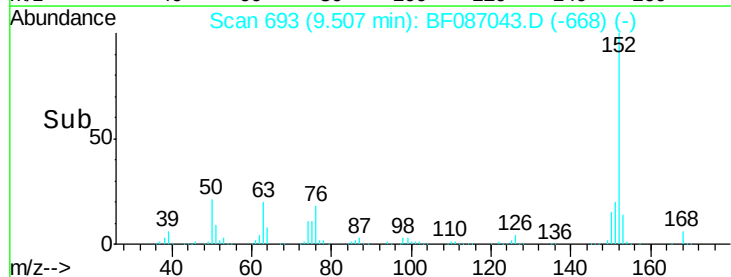
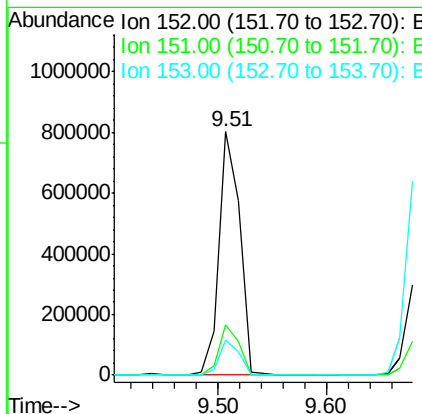
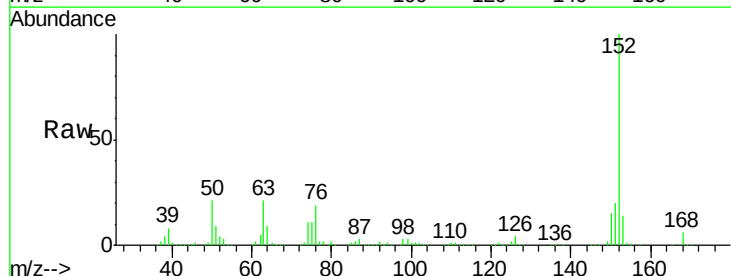
Acq: 15 May 2016 2:29

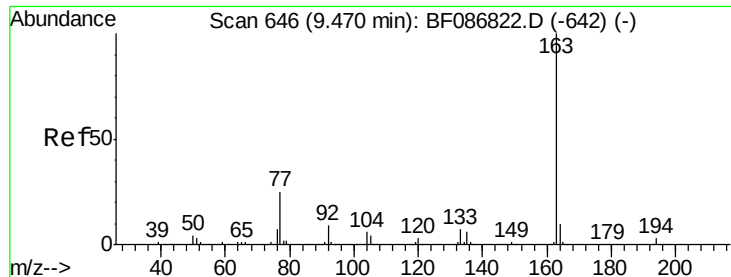
Tgt Ion: 152 Resp: 1067940
Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

153 14.4 10.9 16.3





#49

Dimethylphthalate

Concen: 40.21 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

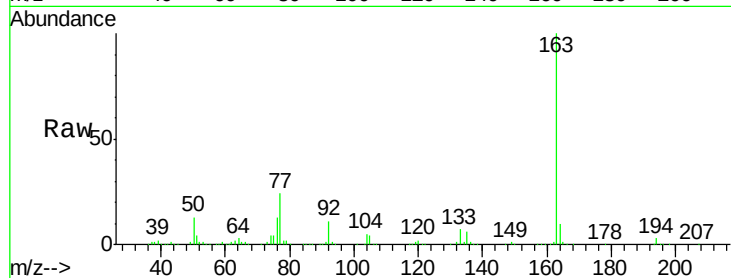
ClientSampled :

PB90575BSD

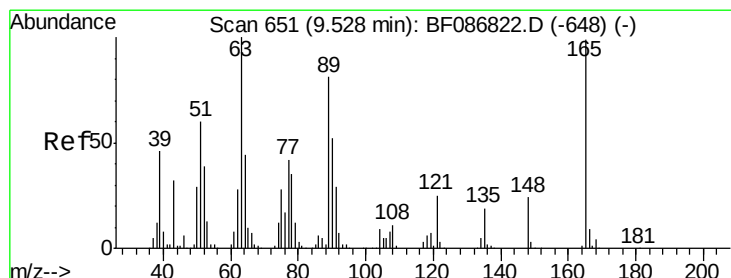
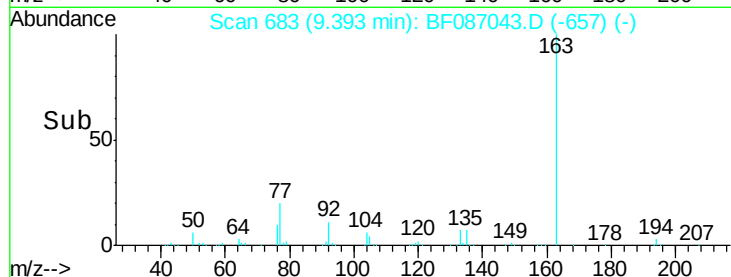
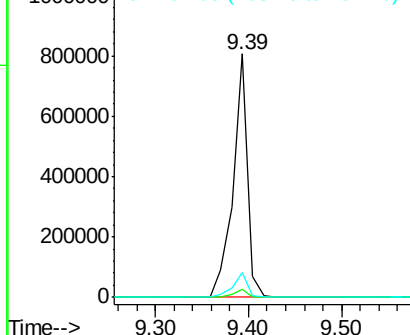
Tgt Ion:	163	Resp:	875242
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.6	4.0
164	10.3	8.2	12.4

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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: 39.36 ng

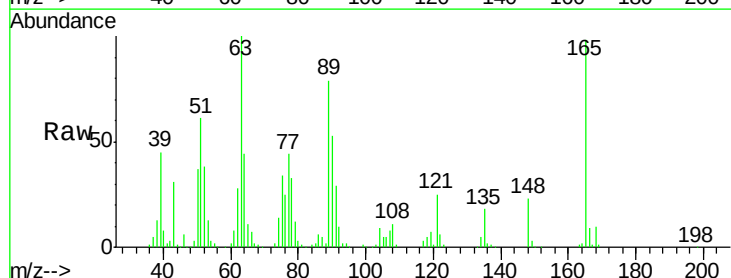
RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

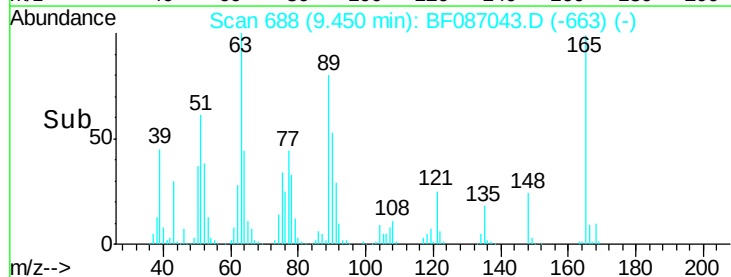
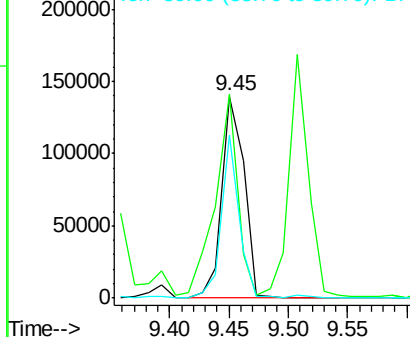
Lab File: BF087043.D

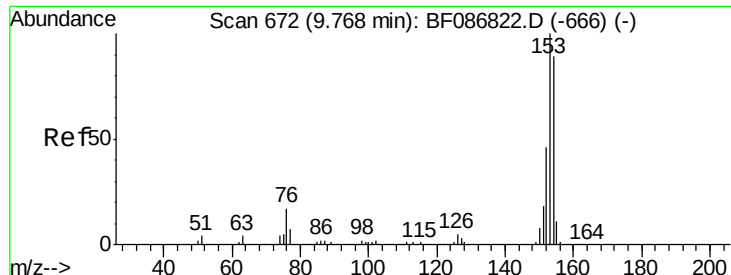
Acq: 15 May 2016 2:29

Tgt Ion:	165	Resp:	180291
Ion Ratio	Lower	Upper	
165	100		
63	101.6	51.8	77.8#
89	80.7	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: 39.15 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

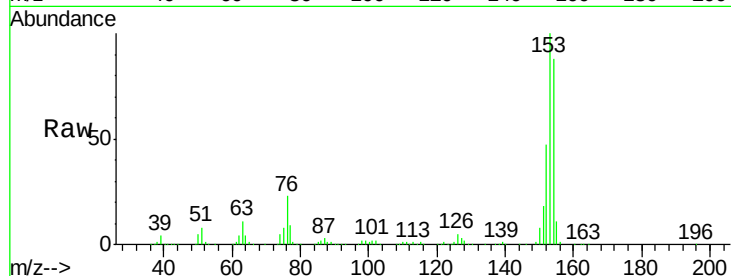
ClientSampleId :

PB90575BSD

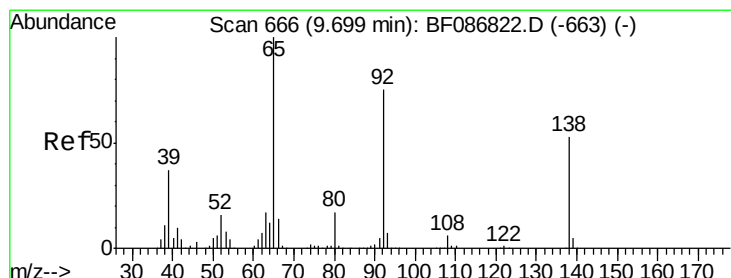
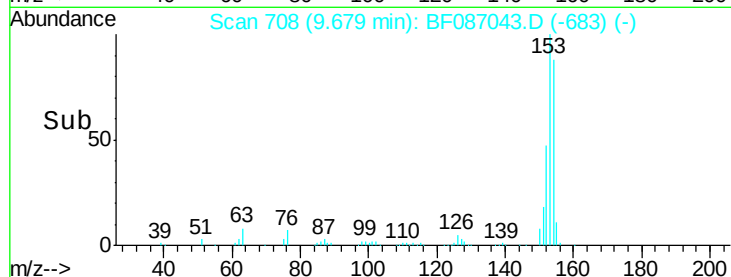
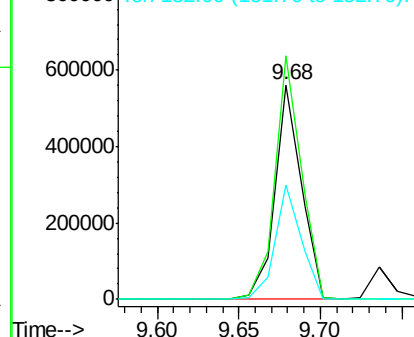
Tgt Ion:	154	Resp:	636898
Ion Ratio	Lower	Upper	
154	100		
153	113.6	89.8	134.6
152	53.2	43.4	65.0

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



#52

3-Nitroaniline

Concen: 26.20 ng

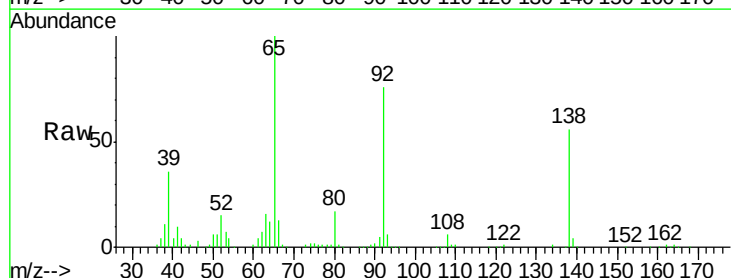
RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

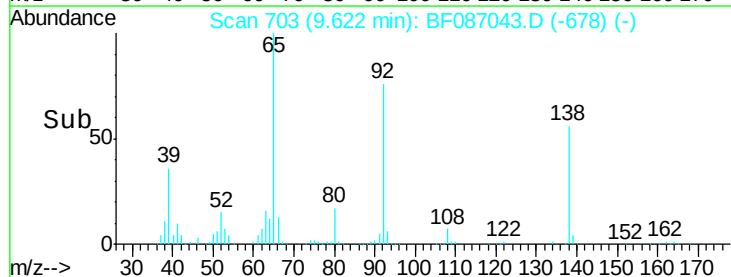
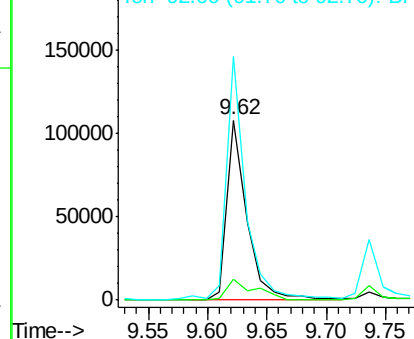
Lab File: BF087043.D

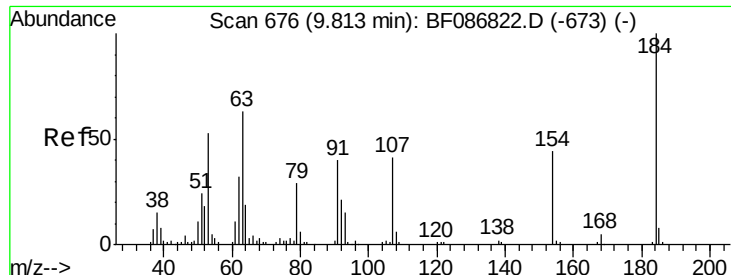
Acq: 15 May 2016 2:29

Tgt Ion:	138	Resp:	126321
Ion Ratio	Lower	Upper	
138	100		
108	11.6	7.8	11.6
92	135.5	87.8	131.8#



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





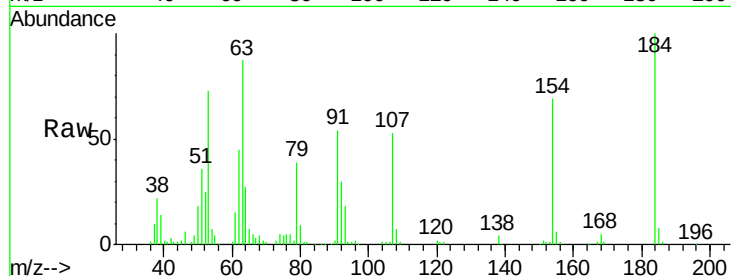
#53
2,4-Dinitrophenol
Concen: 62.55 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

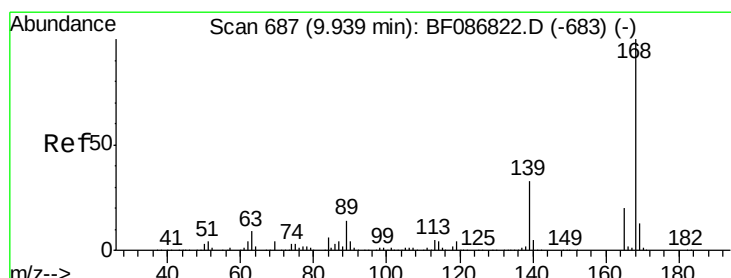
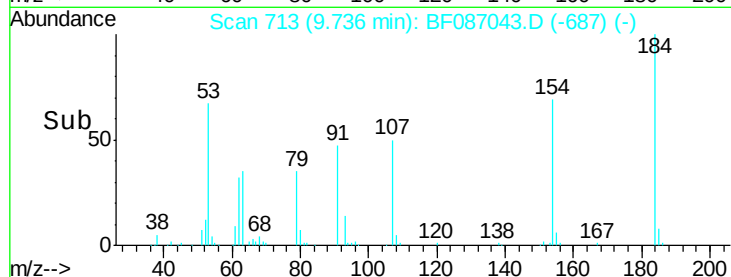
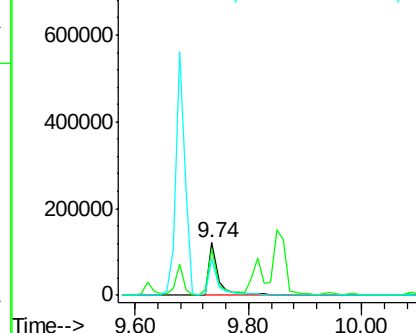
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142085		
63	87.3	55.8	83.8#	
154	69.3	62.4	93.6	

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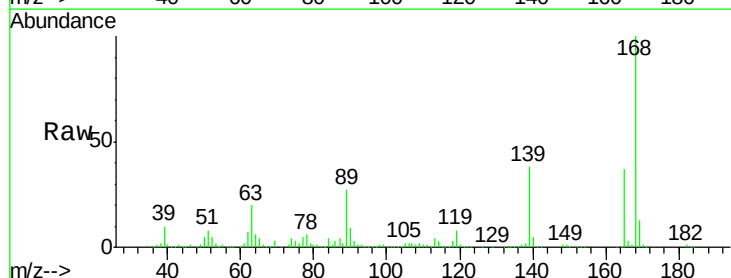


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

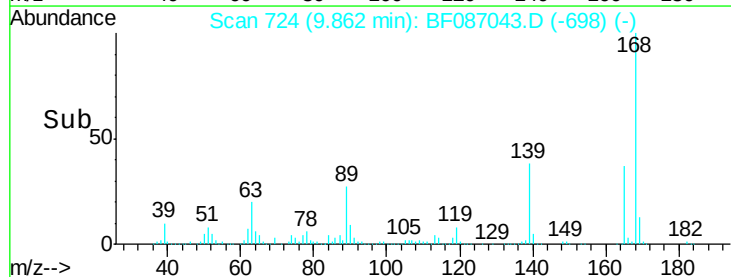
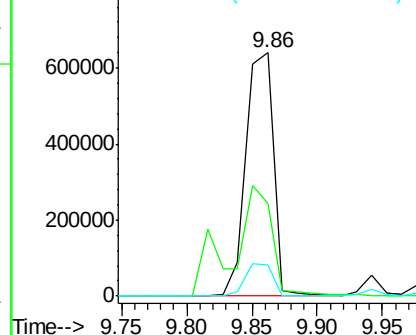


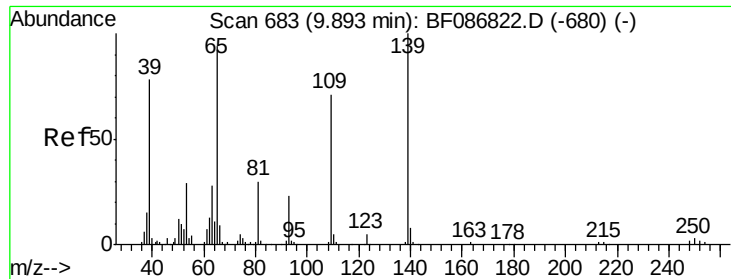
#54
Dibenzofuran
Concen: 45.04 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	940438		
139	37.9	31.4	47.0	
169	12.8	10.7	16.1	



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





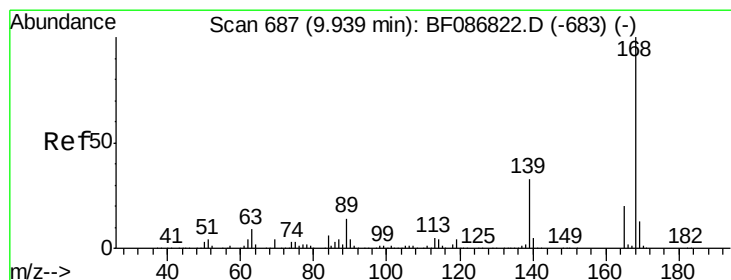
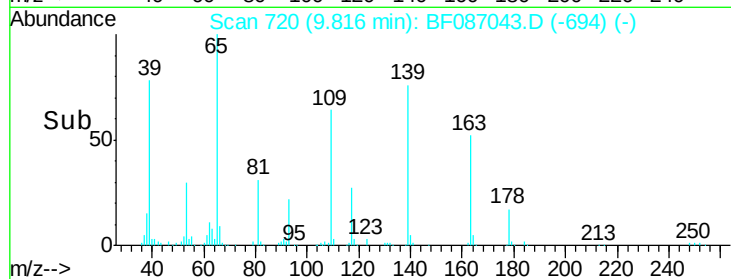
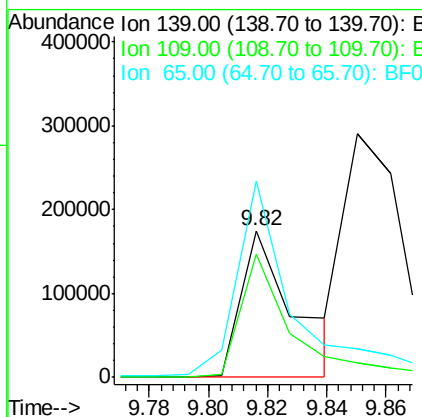
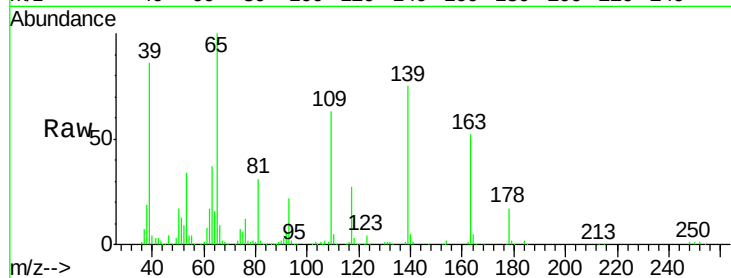
#55
4-Nitrophenol
Concen: 68.97 ng m
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	219623		
109	84.5	36.9	76.9#	
65	133.5	64.0	104.0#	

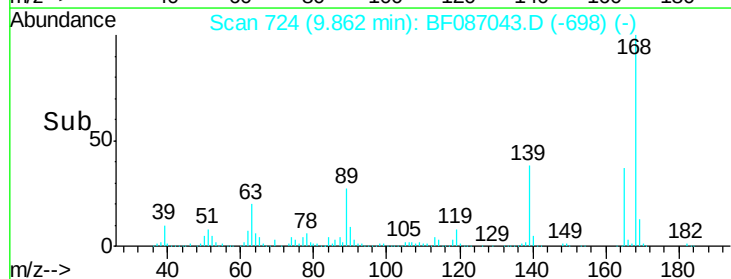
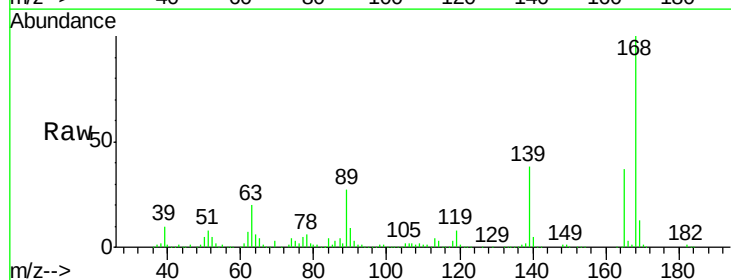
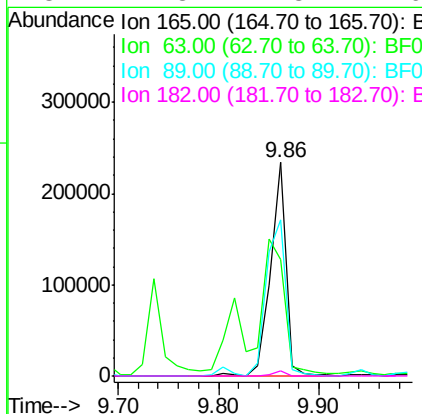
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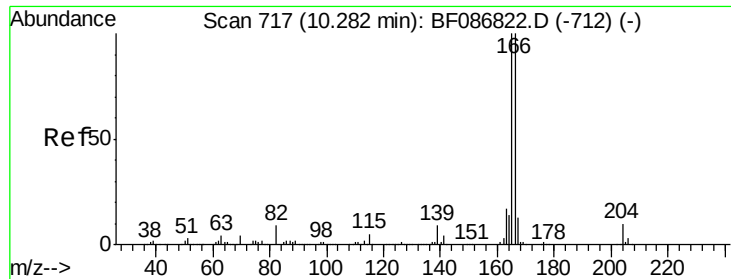
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#56
2,4-Dinitrotoluene
Concen: 44.14 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	250206		
63	54.5	44.3	66.5	
89	73.0	70.0	105.0	
182	2.3	1.8	2.6	





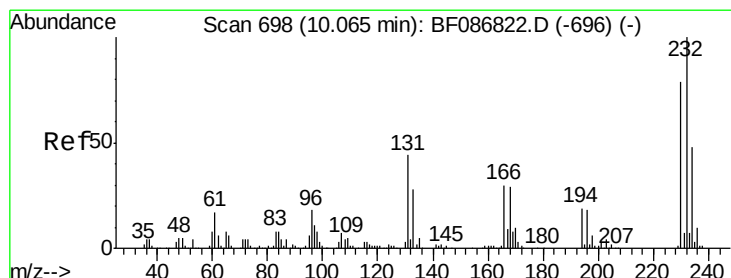
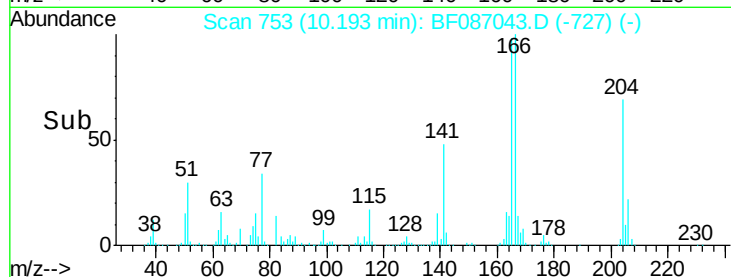
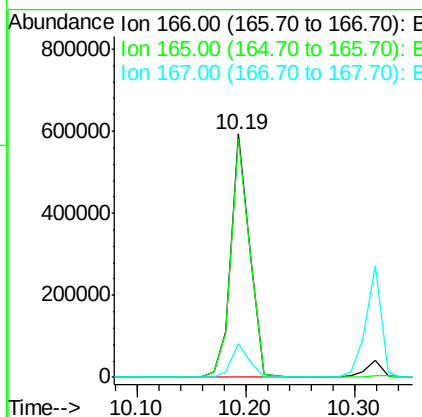
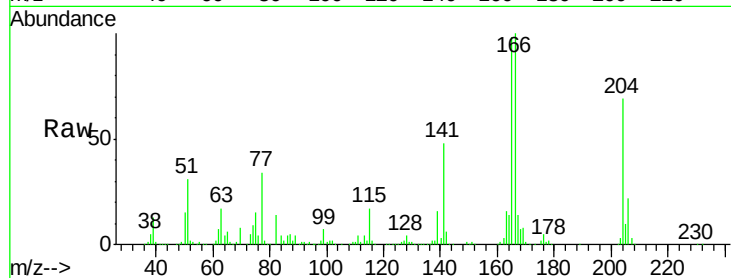
#57
 Fluorene
 Concen: 39.21 ng
 RT: 10.19 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	698346		
165	98.2	79.0	118.6	
167	13.7	10.6	15.8	

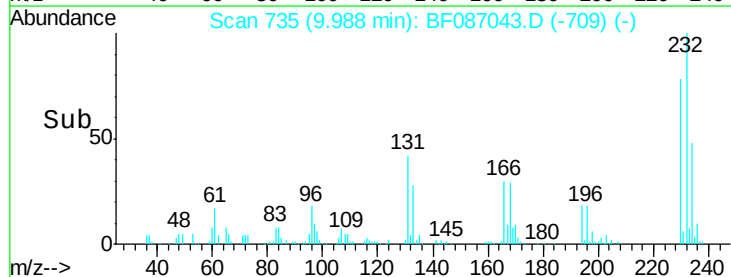
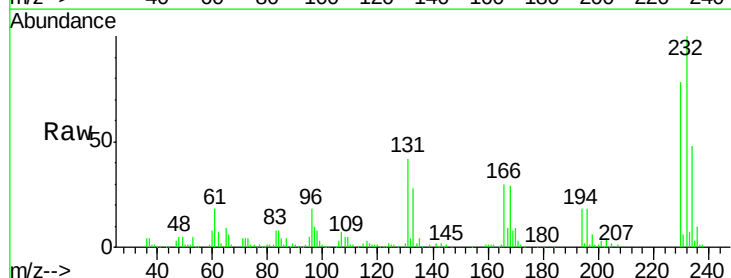
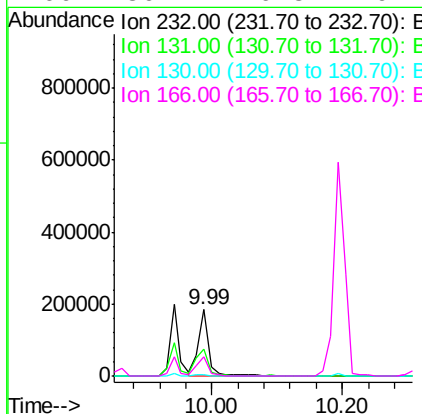
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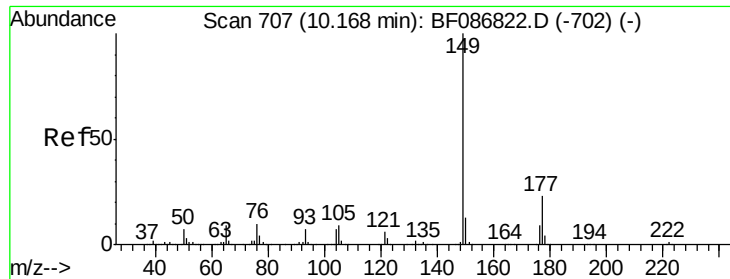
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.86 ng
 RT: 9.99 min Scan# 735
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	202379		
131	49.0	41.9	62.9	
130	2.6	2.2	3.4	
166	30.7	26.8	40.2	





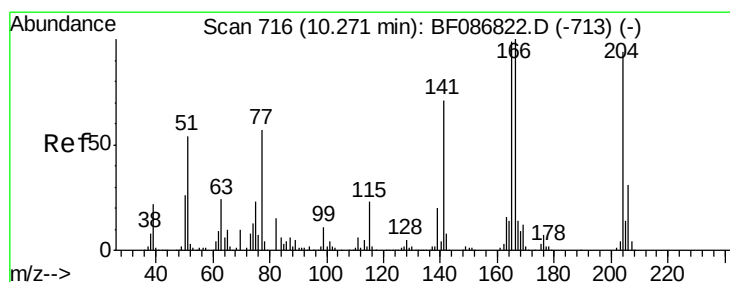
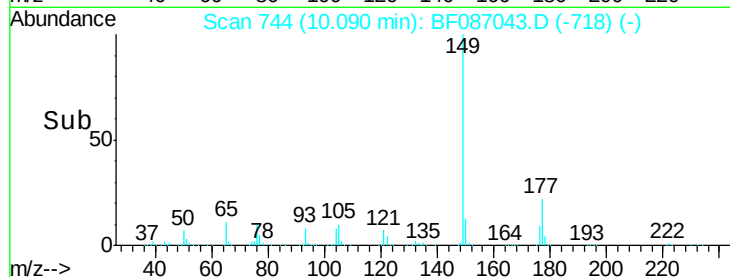
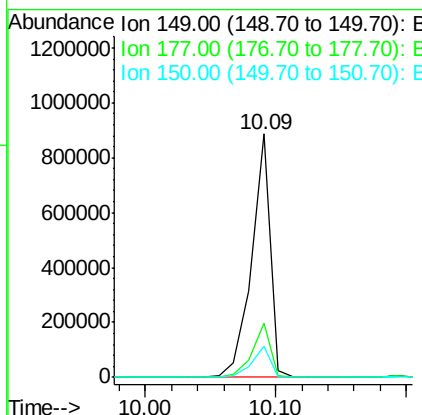
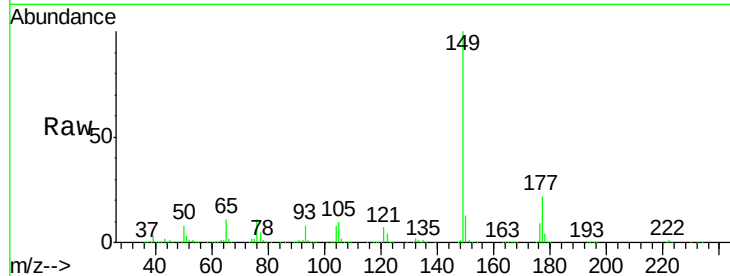
#59
Diethylphthalate
Concen: 41.66 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	883628		
177	22.3	16.6	24.8	
150	12.8	10.0	15.0	

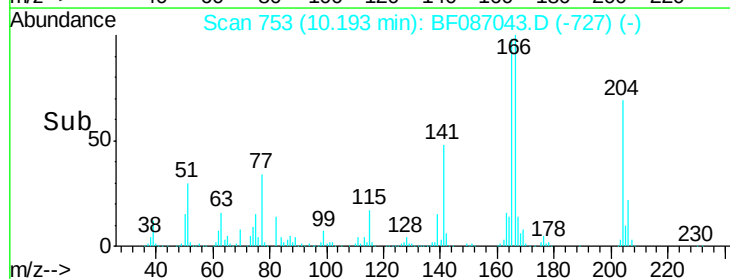
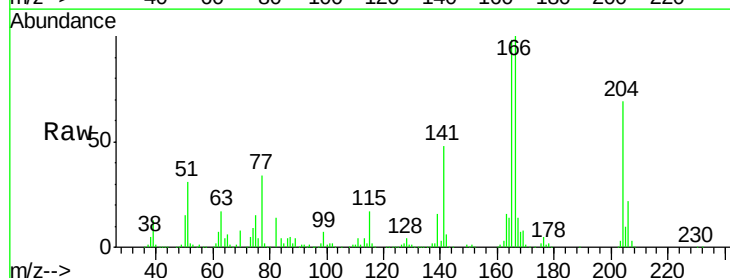
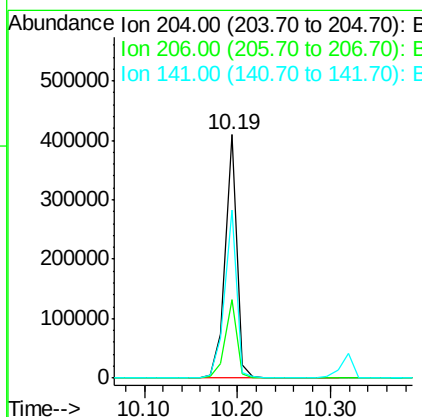
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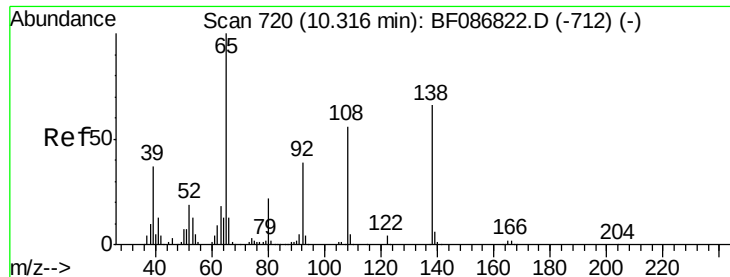
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#60
4-Chlorophenyl-phenylether
Concen: 46.18 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	355467		
206	32.3	25.4	38.0	
141	68.9	61.6	92.4	





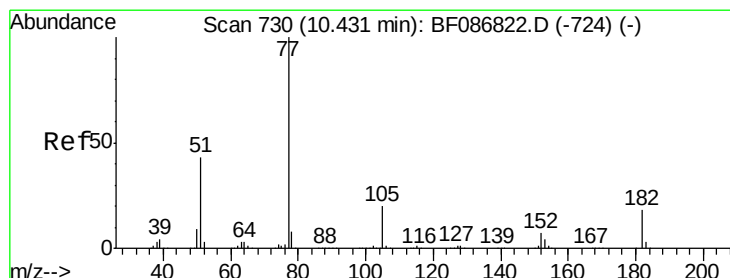
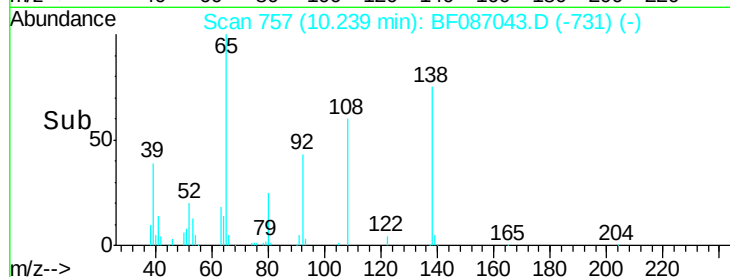
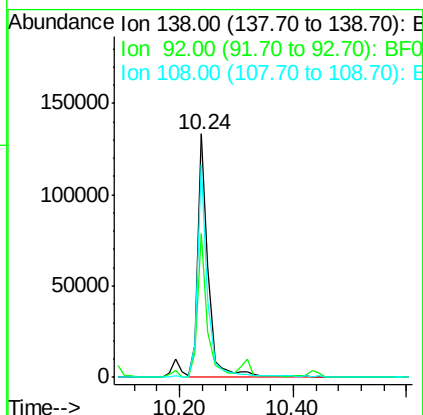
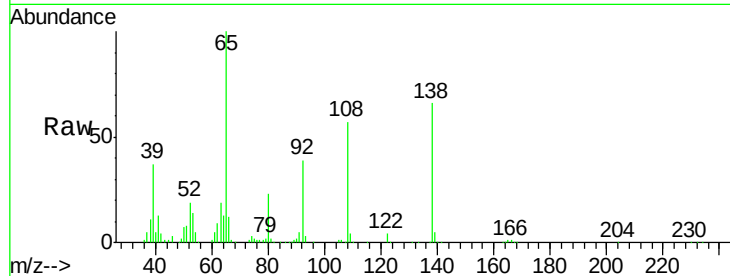
#61
4-Nitroaniline
Concen: 36.01 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.9	24.7	64.7
108	87.2	37.4	77.4

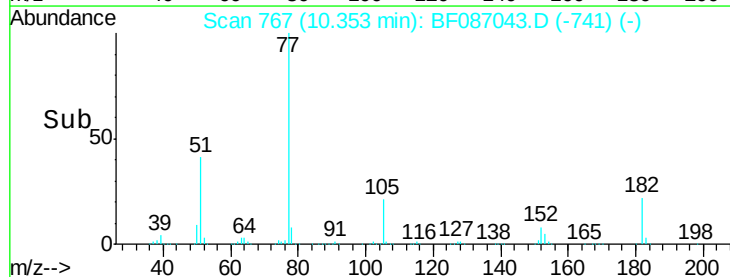
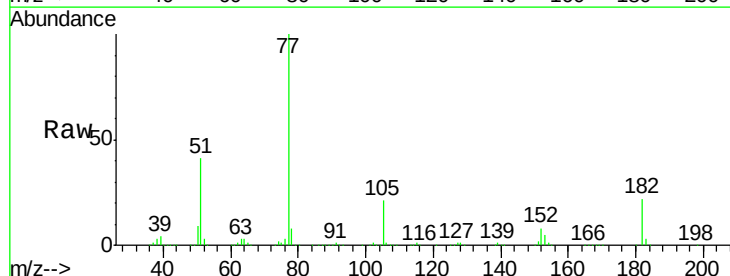
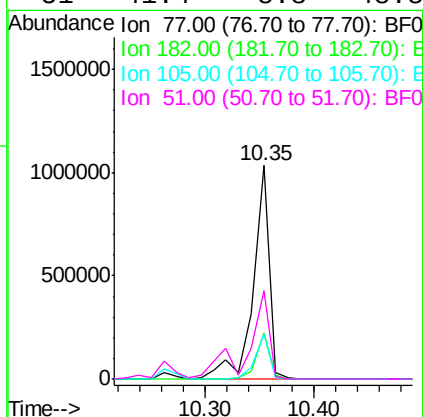
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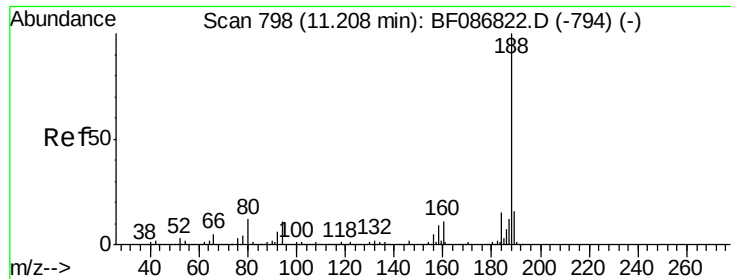
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#62
Azobenzene
Concen: 46.57 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.6	0.0	38.8
105	21.1	3.2	43.2
51	41.4	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: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

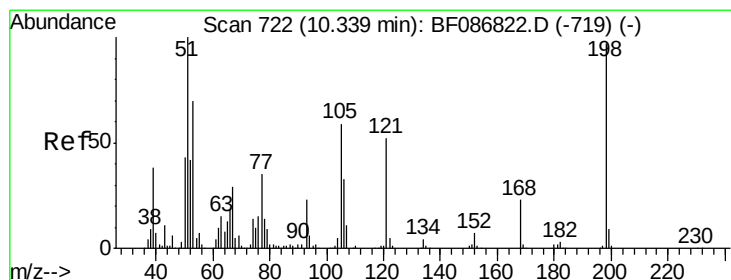
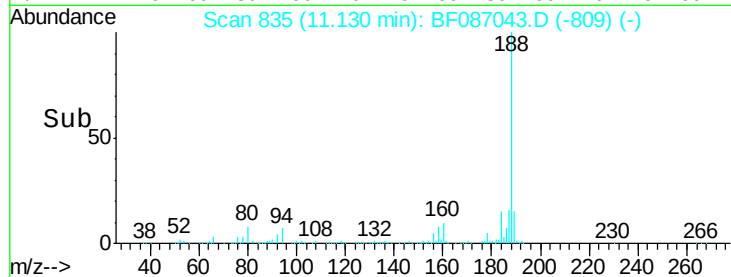
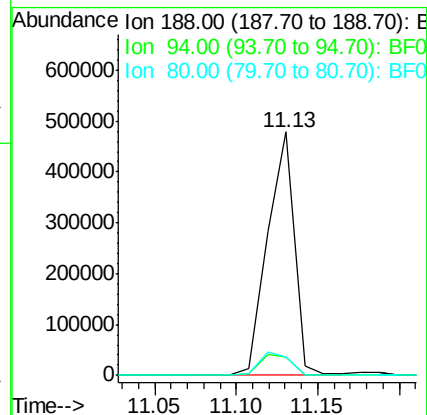
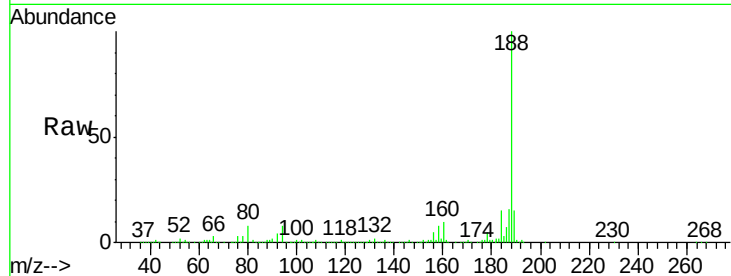
ClientSampleId :

PB90575BSD

Tgt Ion:	188	Resp:	547122
Ion Ratio	Lower	Upper	
188	100		
94	7.7	6.8	10.2
80	7.7	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.94 ng

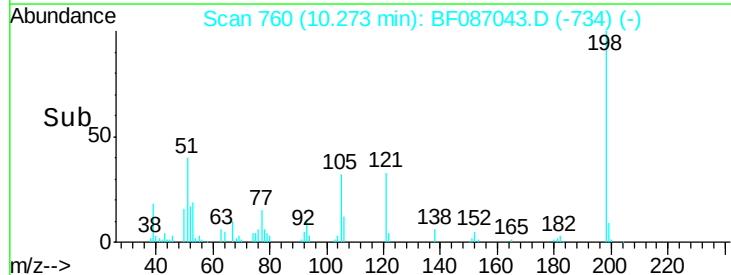
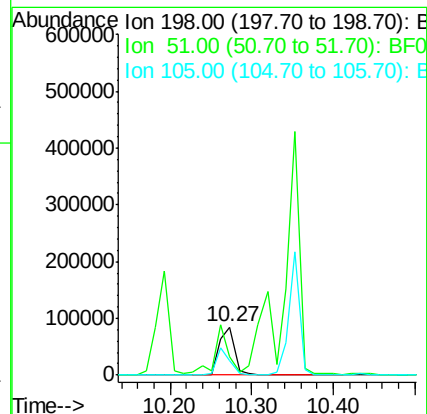
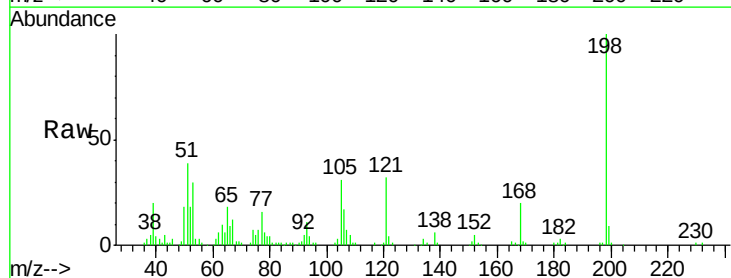
RT: 10.27 min Scan# 760

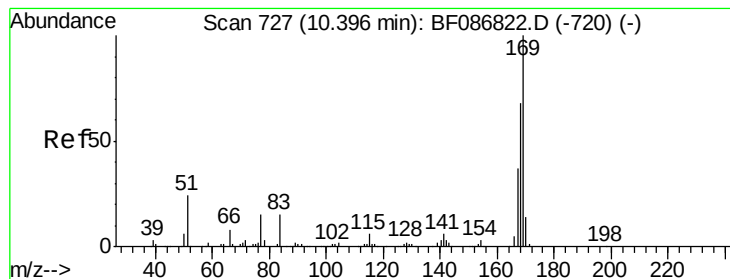
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	198	Resp:	115352
Ion Ratio	Lower	Upper	
198	100		
51	39.1	20.5	60.5
105	31.1	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 42.81 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF087043.D

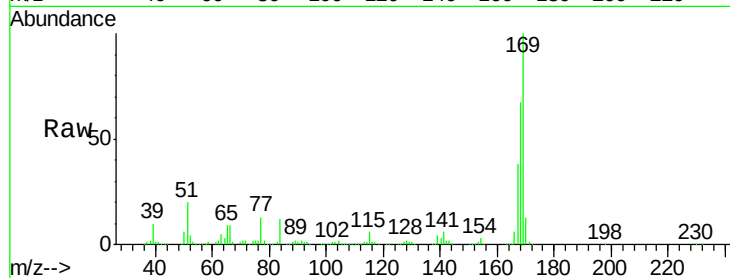
Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD



Tgt Ion:169 Resp: 719567

Ion Ratio Lower Upper

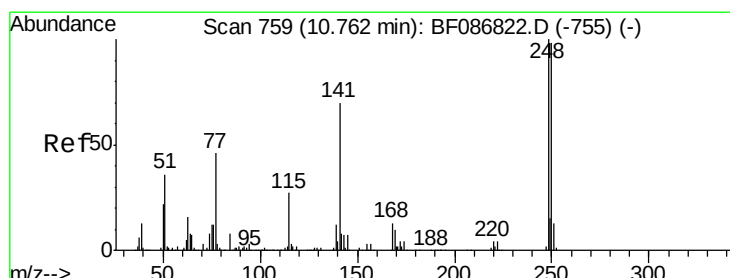
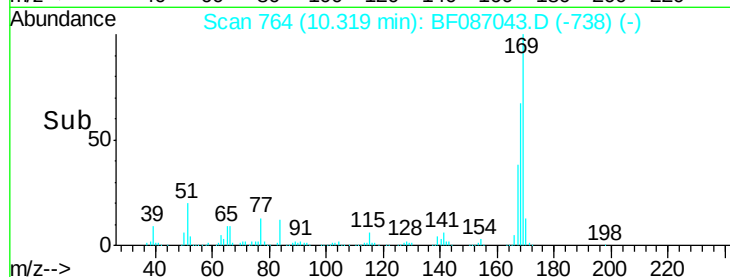
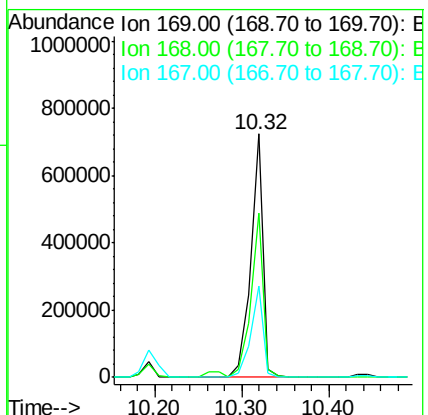
169 100

168 67.4 53.8 80.6

167 37.7 29.5 44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.16 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

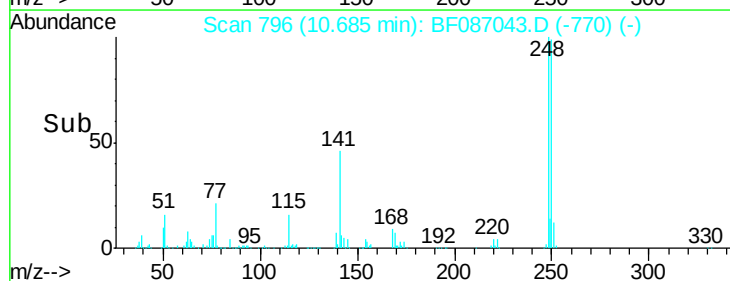
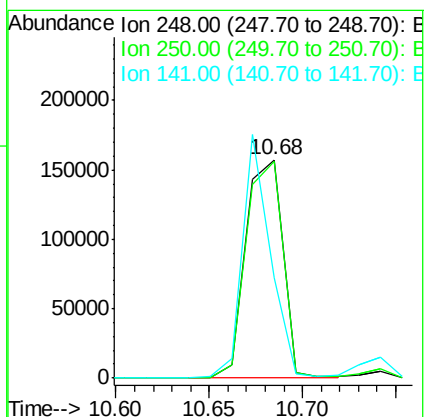
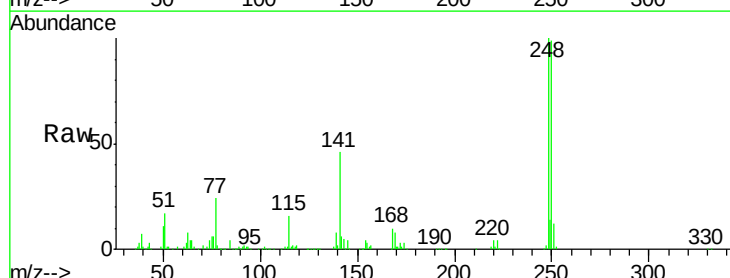
Tgt Ion:248 Resp: 217243

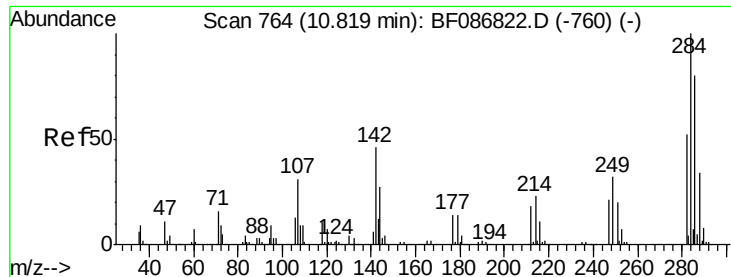
Ion Ratio Lower Upper

248 100

250 99.3 78.6 117.8

141 45.8 76.0 114.0#





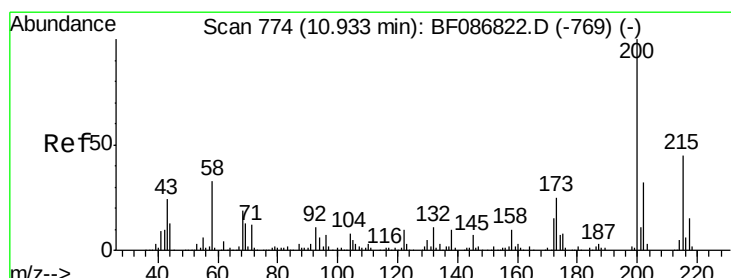
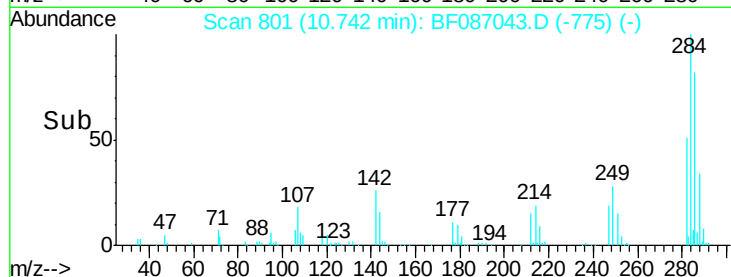
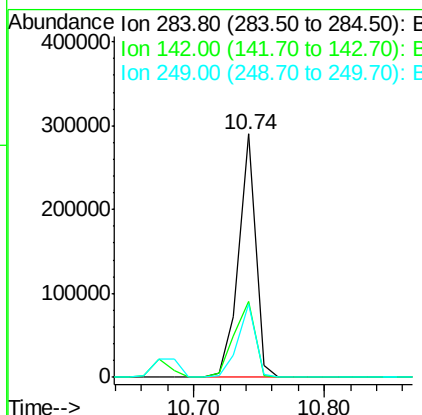
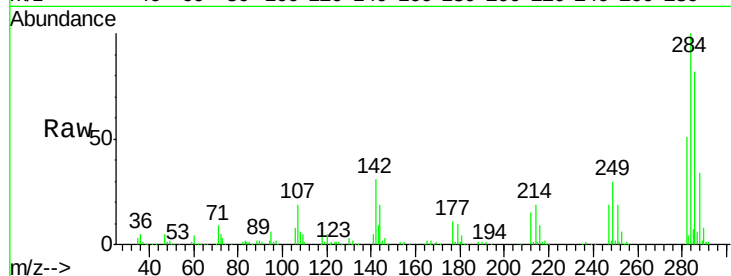
#67
Hexachlorobenzene
Concen: 40.73 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
PB90575BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	31.1	16.7	25.1#
249	30.1	21.3	31.9

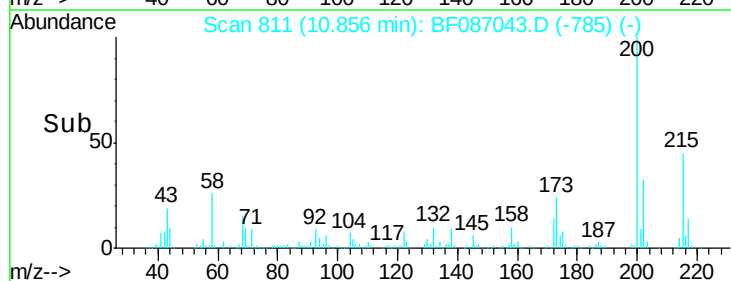
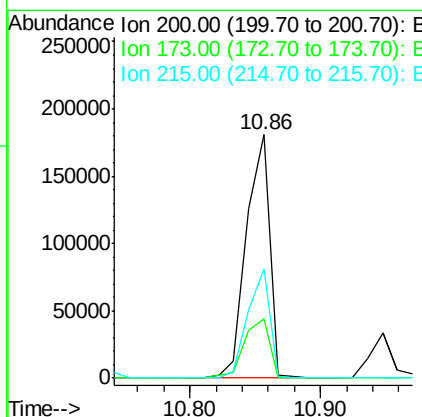
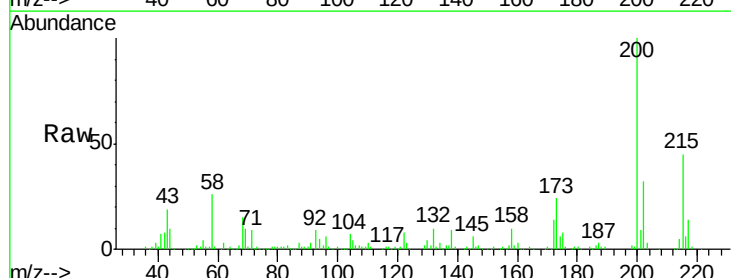
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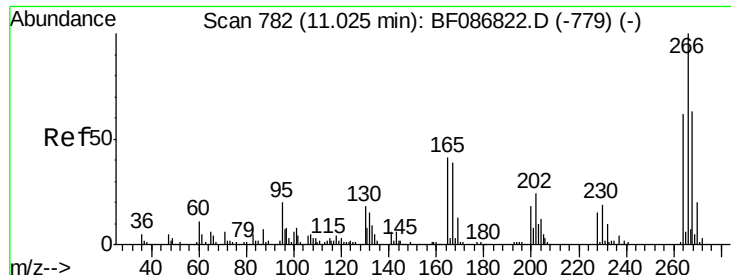
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#68
Atrazine
Concen: 39.80 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF087043.D
Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.1	8.5	48.5
215	45.0	27.2	67.2





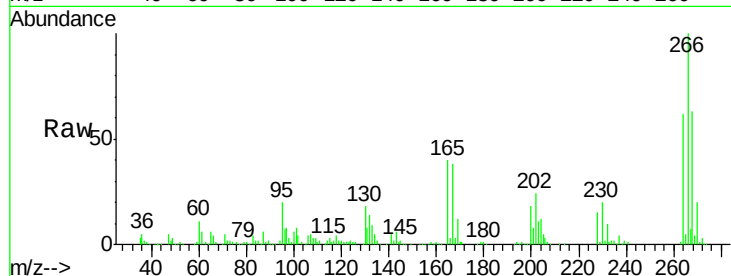
#69
 Pentachlorophenol
 Concen: 76.10 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

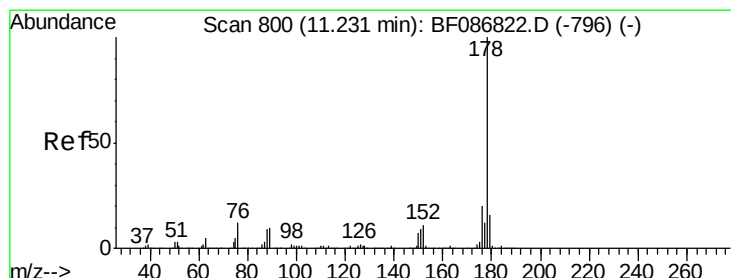
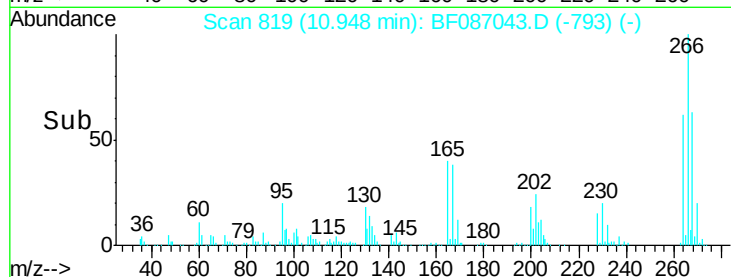
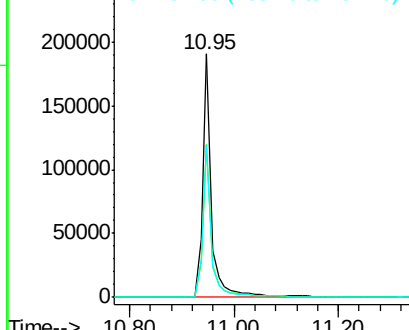
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	228000		
268	62.7	51.5	77.3	
264	62.1	52.9	79.3	

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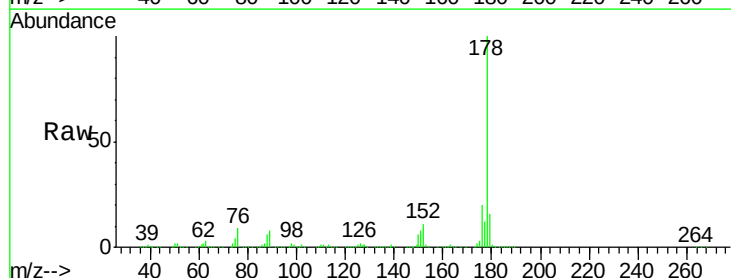


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

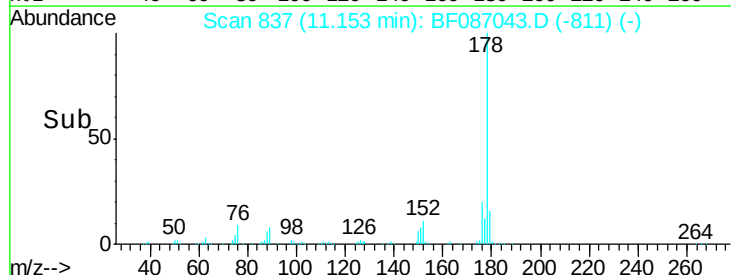
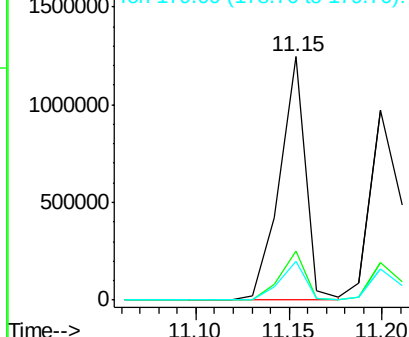


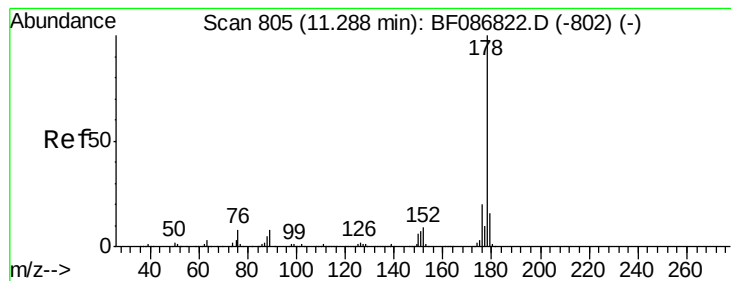
#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1202979		
176	20.2	16.0	24.0	
179	15.7	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: 36.91 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD

Tgt Ion:178 Resp: 1102062

Ion Ratio Lower Upper

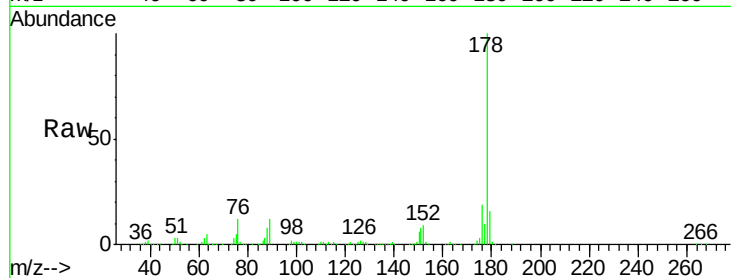
178 100

176 19.5 15.6 23.4

179 16.2 12.7 19.1

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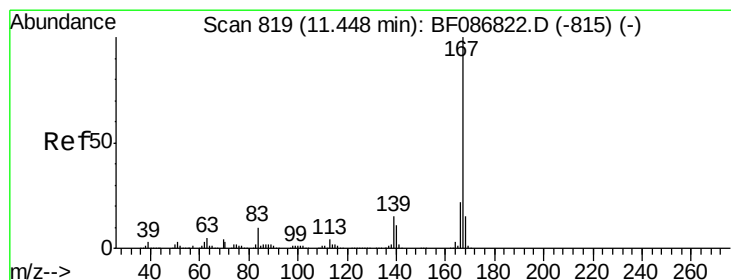
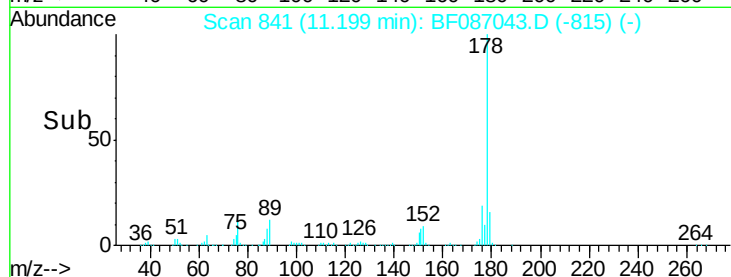
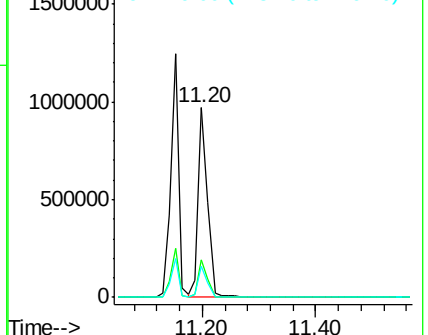
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.61 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

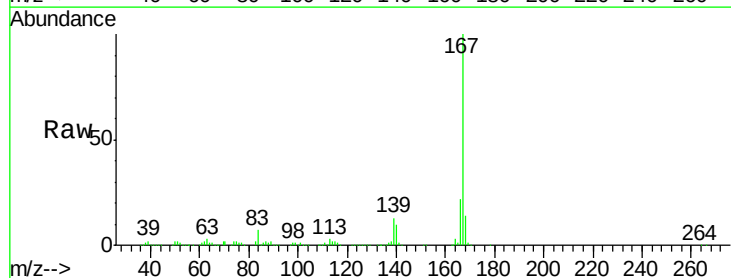
Tgt Ion:167 Resp: 1119477

Ion Ratio Lower Upper

167 100

166 22.3 17.7 26.5

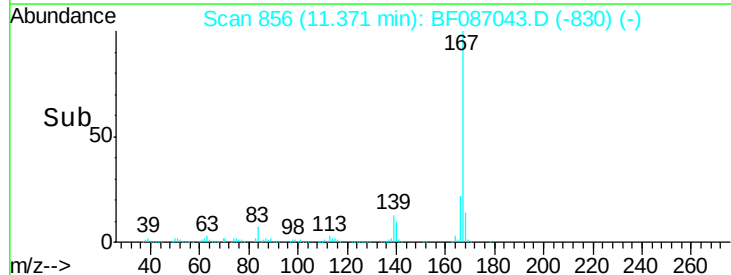
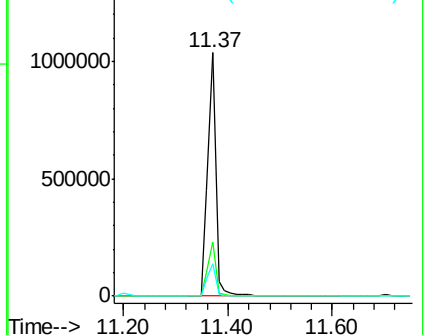
139 13.4 10.8 16.2

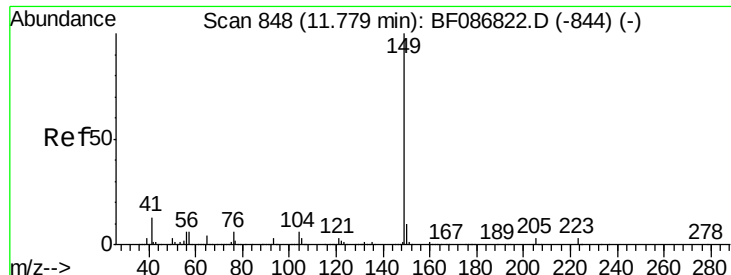


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.20 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

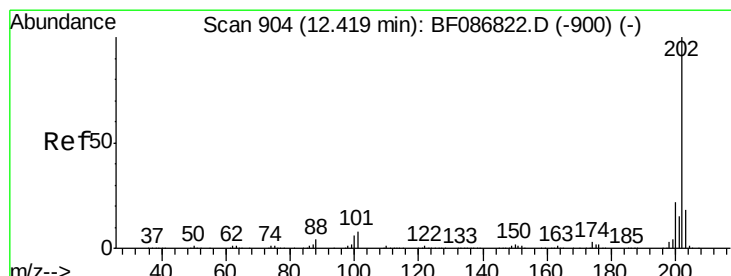
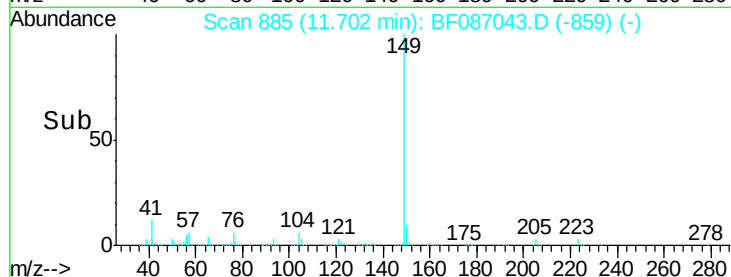
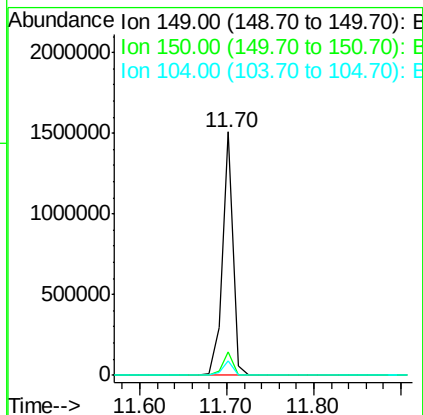
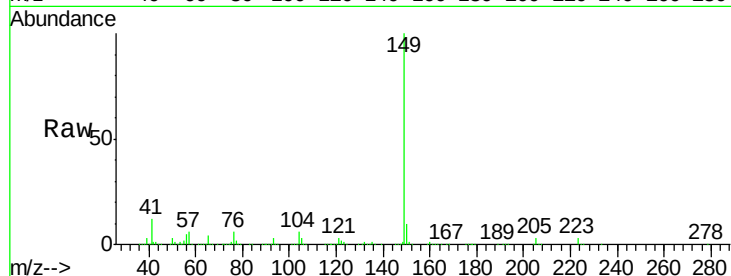
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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.8	3.8	5.6



#74

Fluoranthene

Concen: 36.57 ng

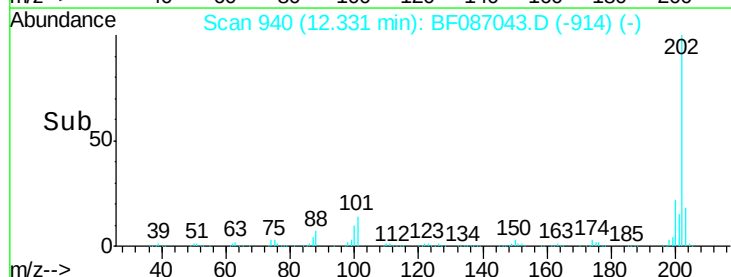
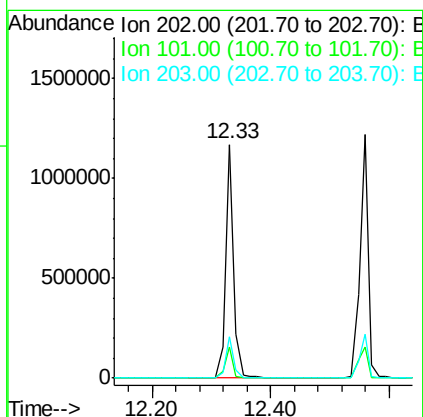
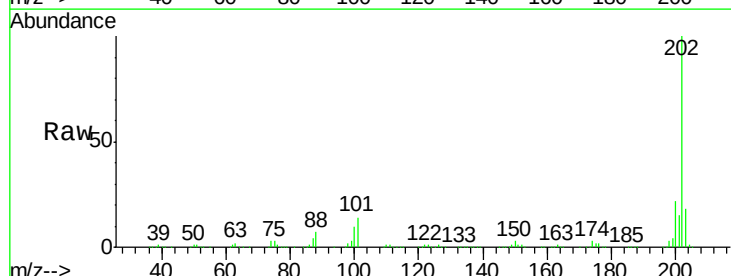
RT: 12.33 min Scan# 940

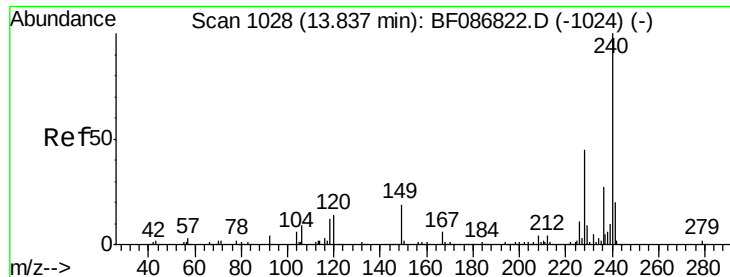
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	35.4
203	17.9	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: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

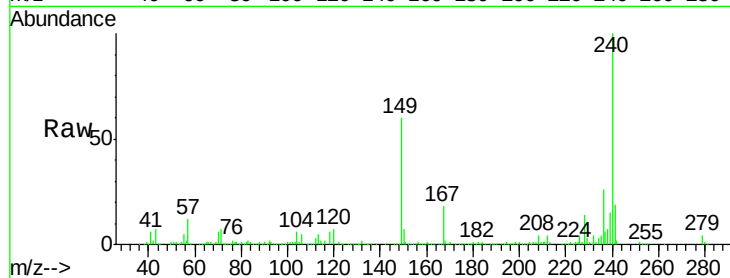
ClientSampleId :

PB90575BSD

Tgt Ion:	240	Resp:	345976
Ion Ratio	Lower	Upper	
240	100		
120	7.2	11.2	16.8#
236	26.2	21.2	31.8

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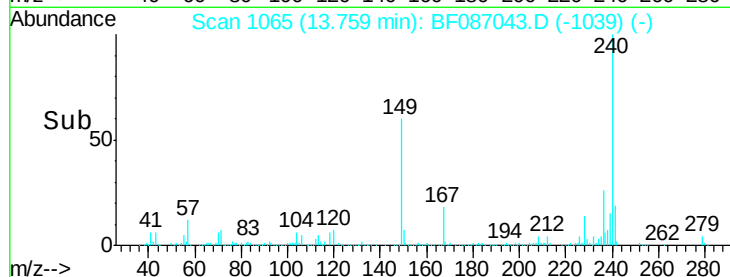


Abundance Ion 240.00 (239.70 to 240.70): E

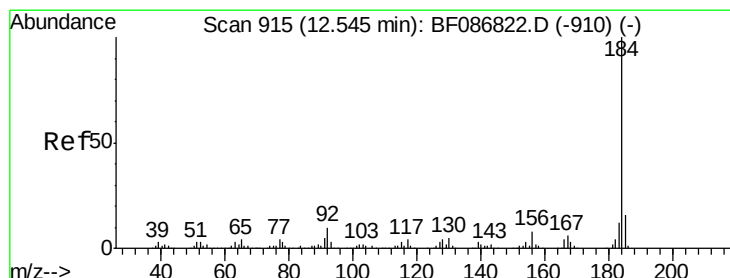
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#76

Benzidine

Concen: 36.49 ng

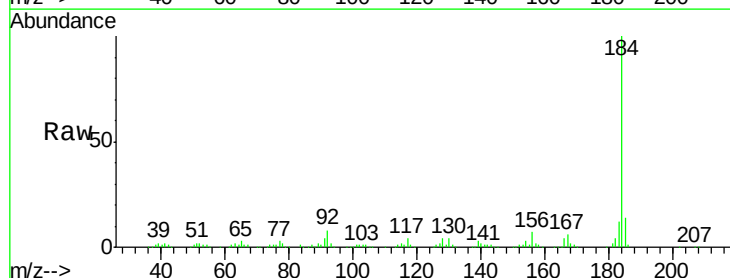
RT: 12.47 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	184	Resp:	321884
Ion Ratio	Lower	Upper	
184	100		
185	14.4	13.6	20.4
183	11.6	9.8	14.6

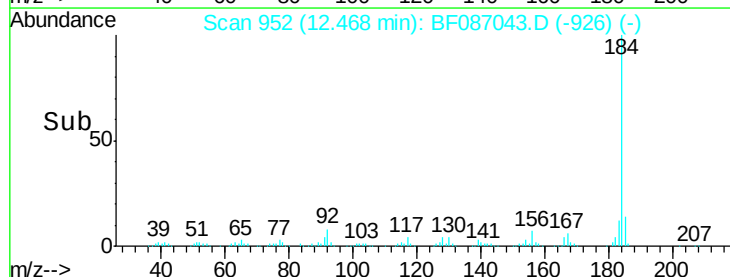


Abundance Ion 184.00 (183.70 to 184.70): E

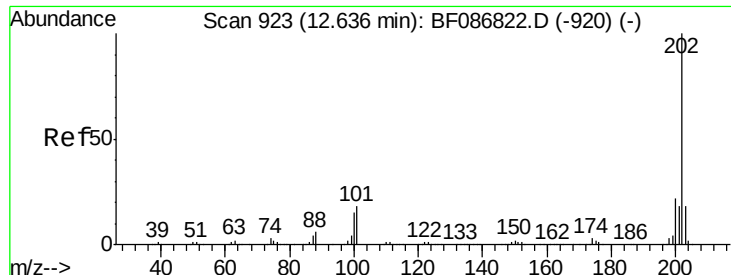
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

Time-->



Time-->



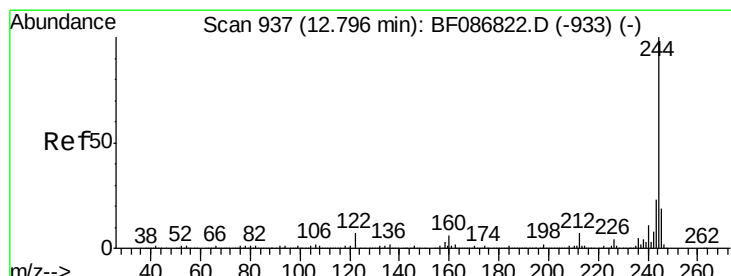
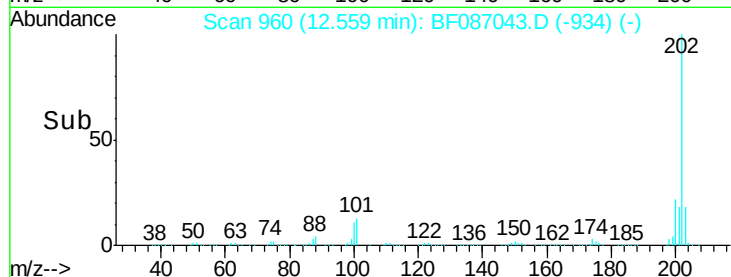
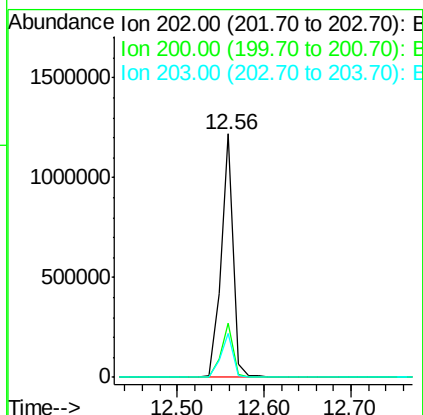
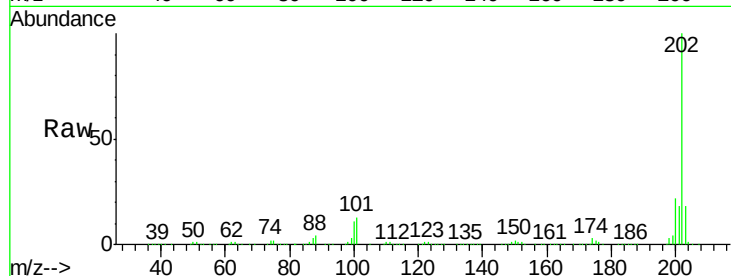
#77
 Pyrene
 Concen: 45.05 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	17.9	14.2	21.4

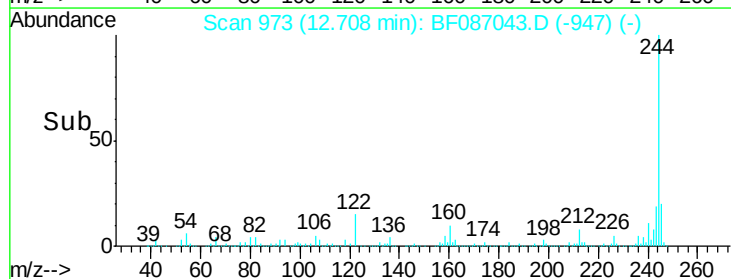
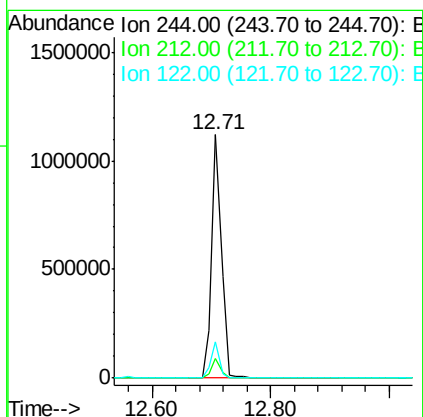
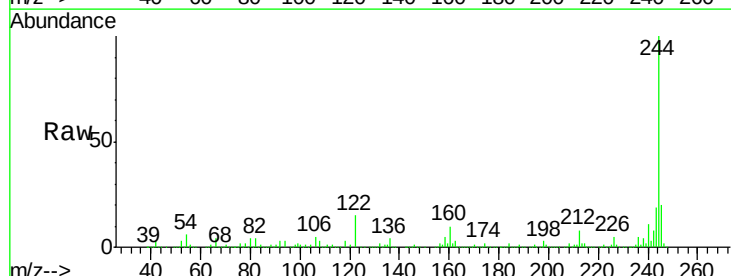
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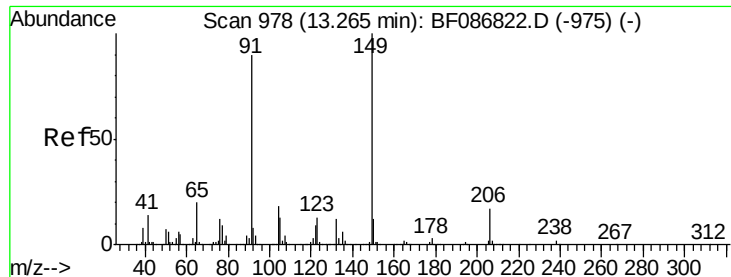
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#78
 Terphenyl-d14
 Concen: 78.21 ng
 RT: 12.71 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.7	12.0	18.0





#79

Butylbenzylphthalate

Concen: 44.69 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

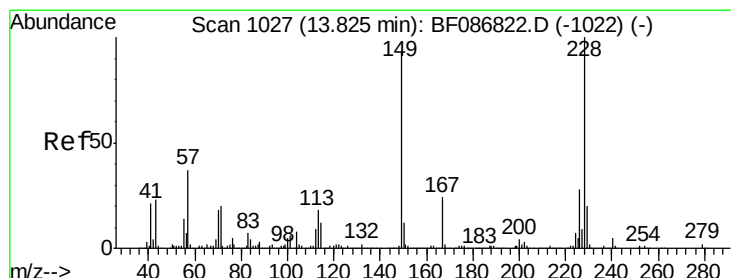
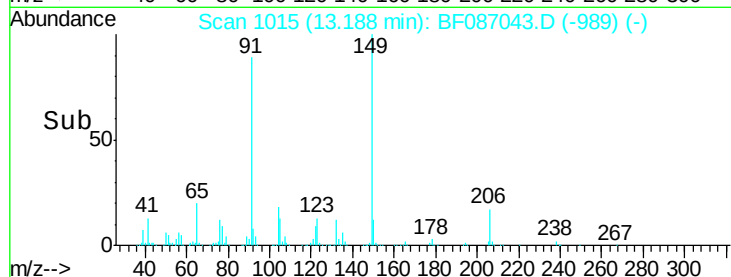
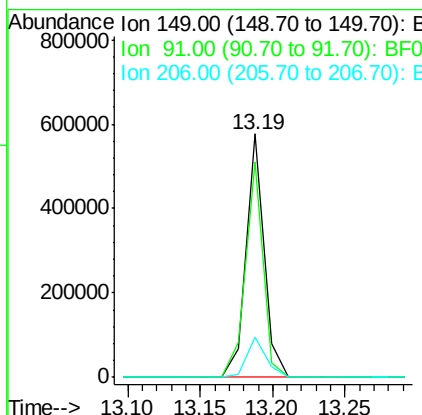
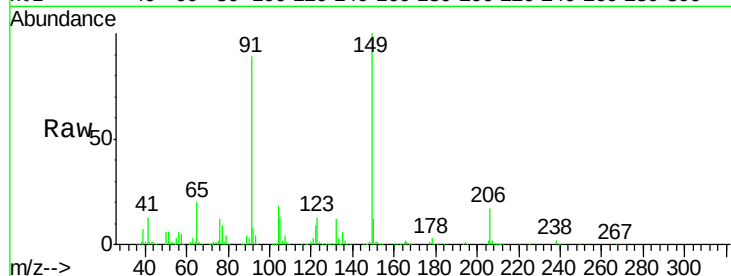
ClientSampleId :

PB90575BSD

Tgt Ion:	149	Resp:	500686
Ion Ratio		Lower	Upper
149	100		
91	88.7	48.0	72.0#
206	16.6	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 44.07 ng

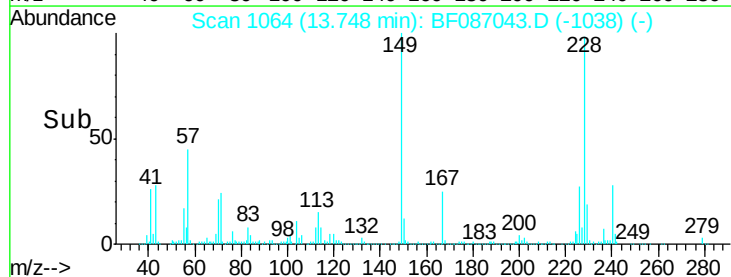
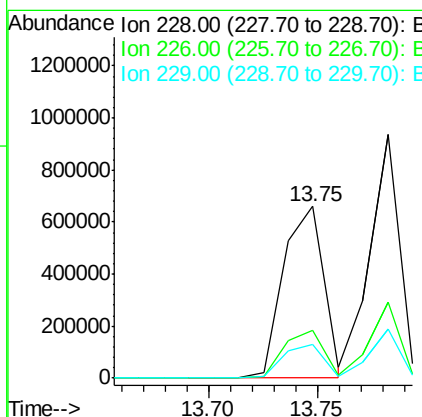
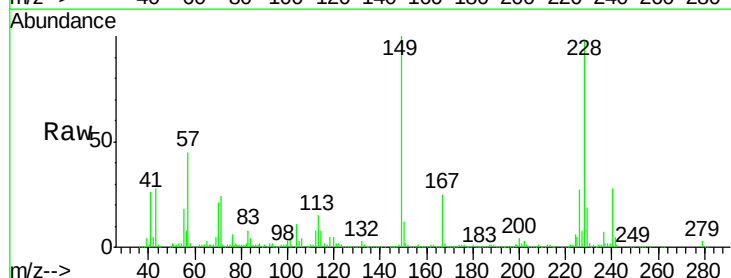
RT: 13.75 min Scan# 1064

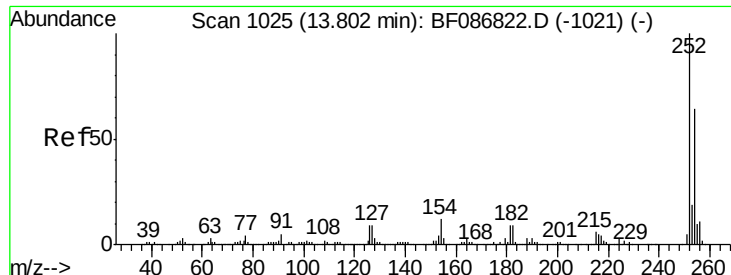
Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion:	228	Resp:	855888
Ion Ratio		Lower	Upper
228	100		
226	27.5	22.5	33.7
229	19.8	16.6	25.0





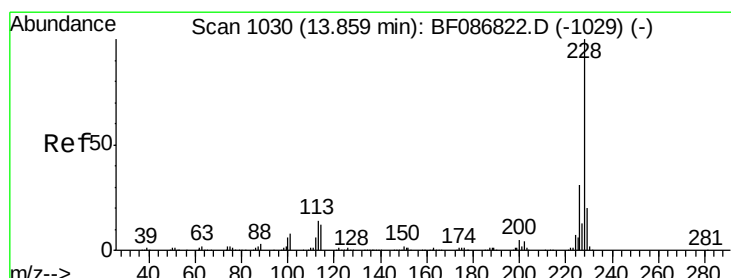
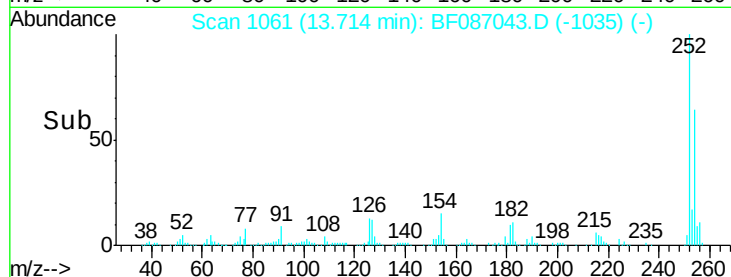
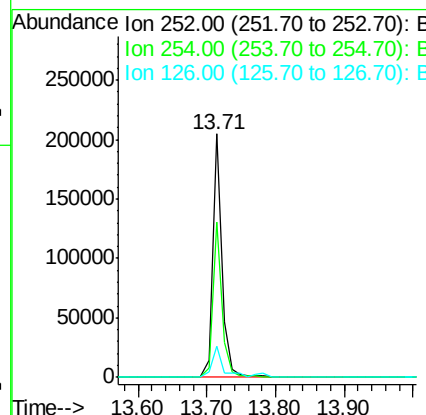
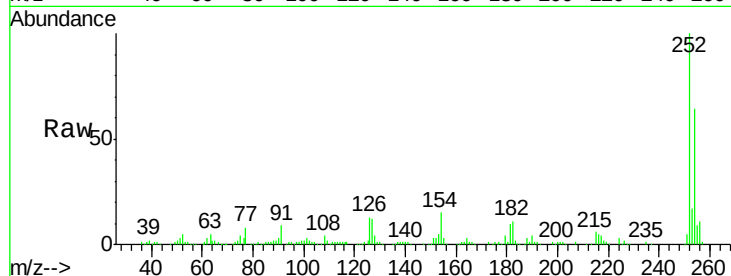
#81
 3,3'-Dichlorobenzidine
 Concen: 15.74 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.0	50.7	76.1
126	12.6	12.7	19.1#

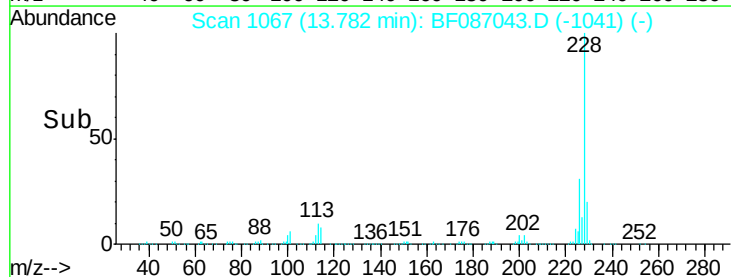
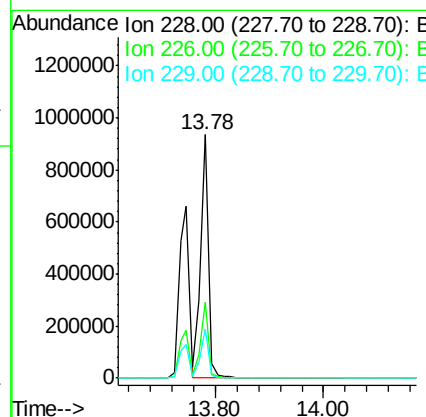
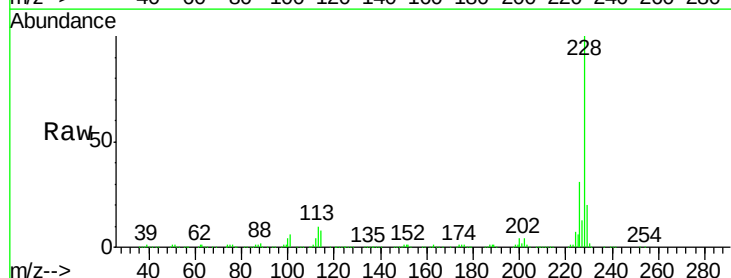
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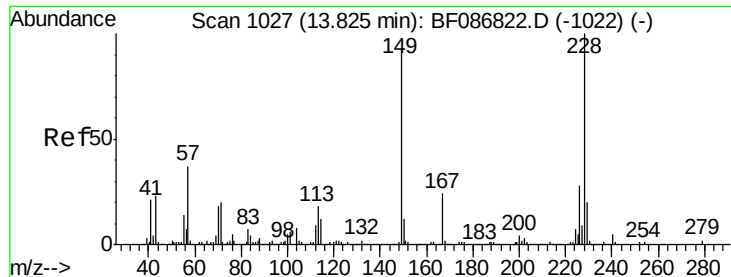
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#82
 Chrysene
 Concen: 46.28 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	24.4	36.6
229	20.0	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.88 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD

Tgt Ion:149 Resp: 631850
Ion Ratio Lower Upper

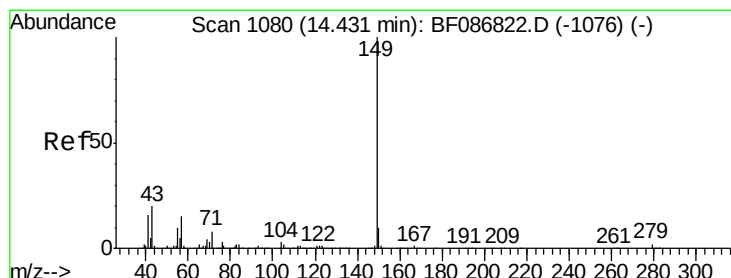
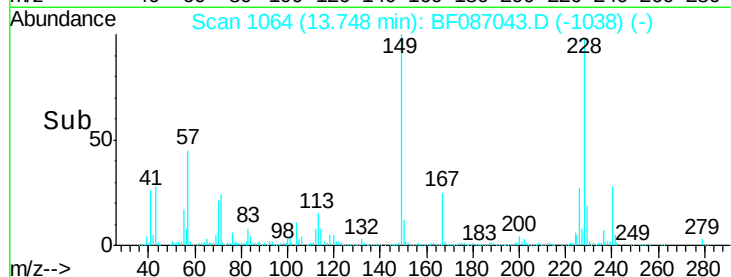
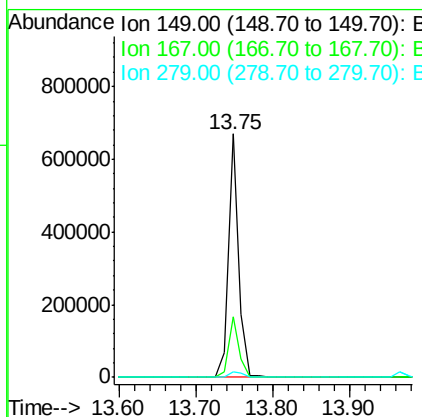
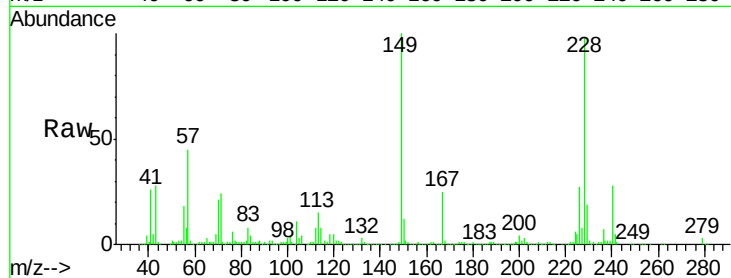
149 100

167 24.9 21.8 32.6

279 2.5 2.6 4.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.88 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF087043.D

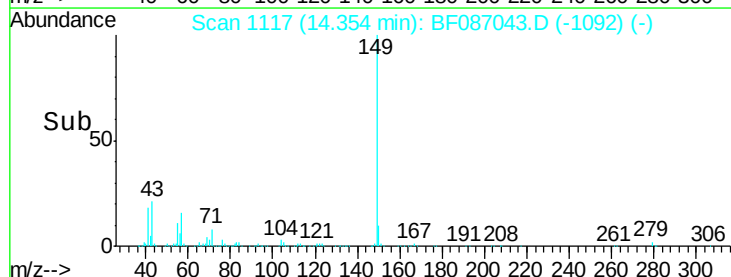
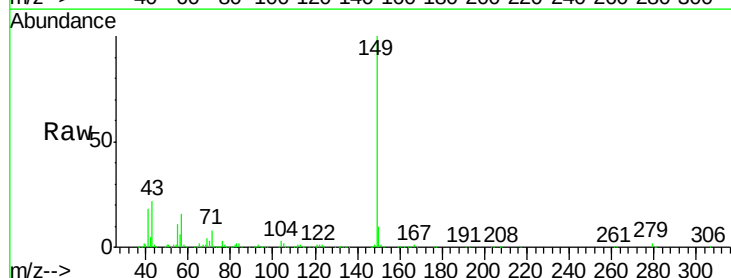
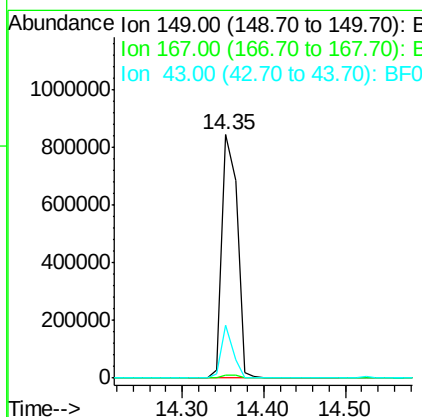
Acq: 15 May 2016 2:29

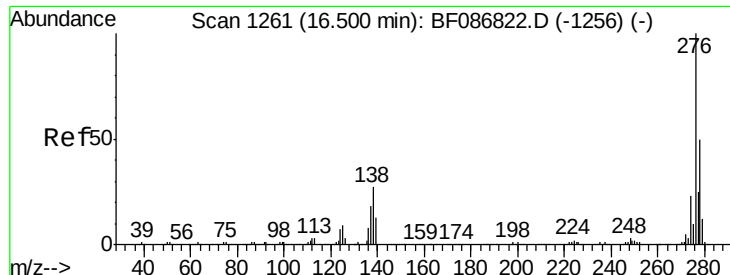
Tgt Ion:149 Resp: 1091239
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 16.7 8.2 12.4#





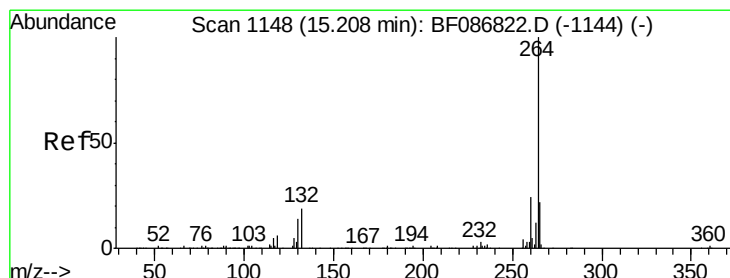
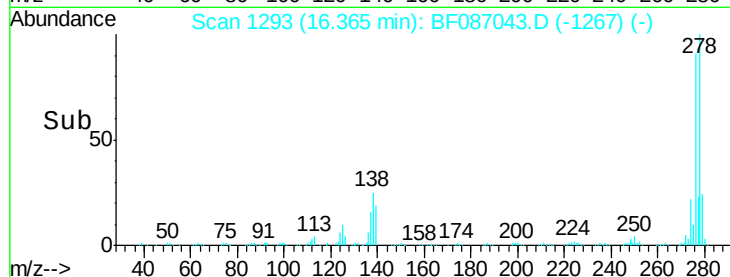
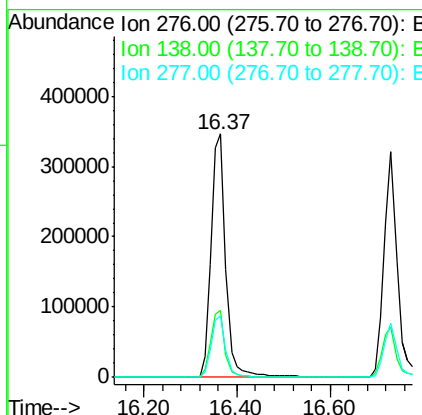
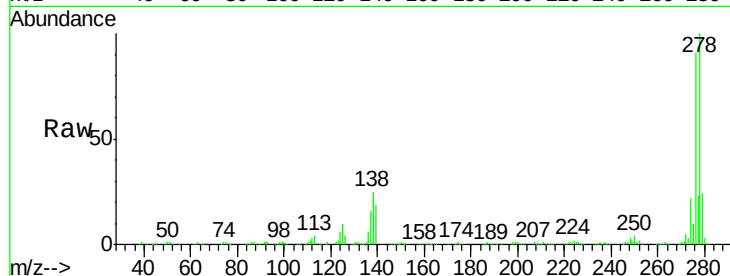
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.66 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90575BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.9	25.6	38.4
277	24.9	20.5	30.7

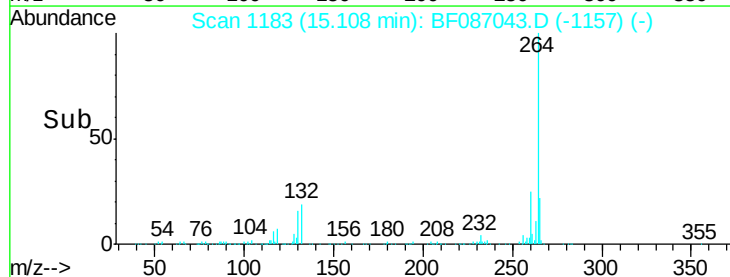
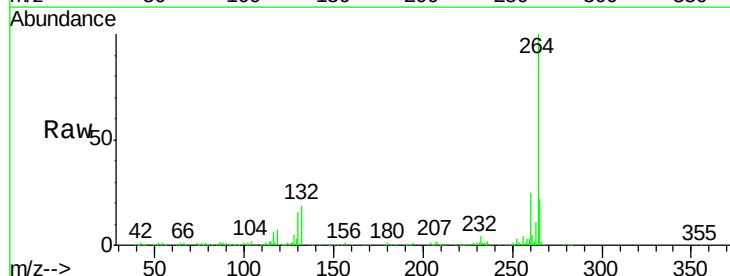
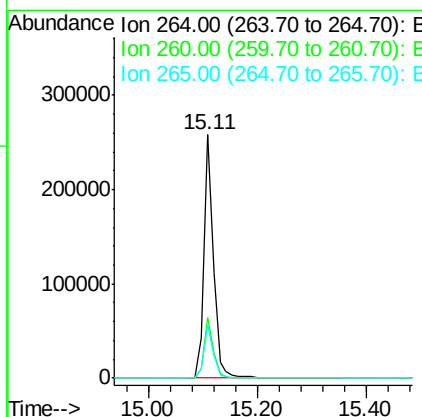
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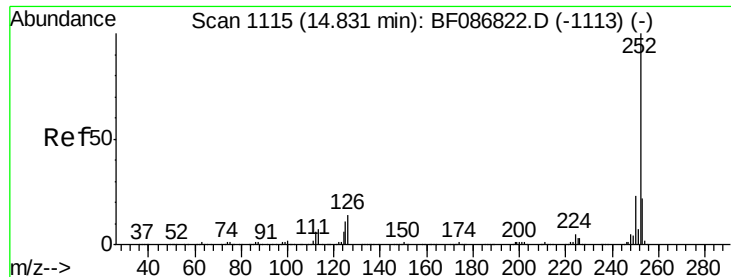
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF087043.D
 Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.8	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.56 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

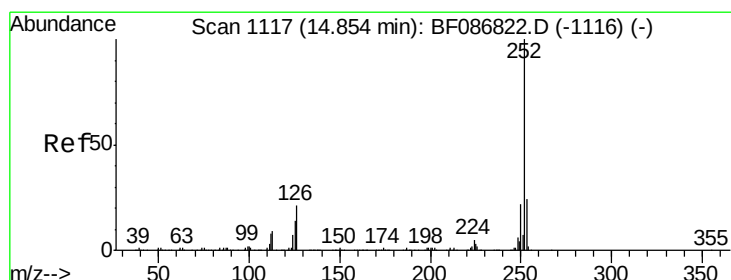
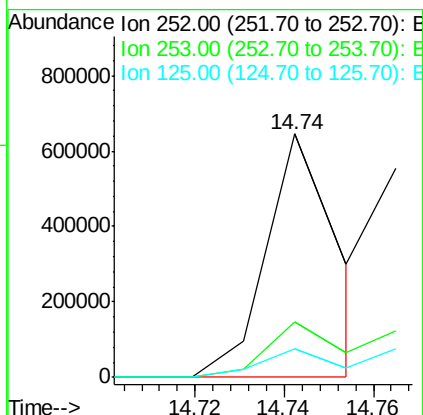
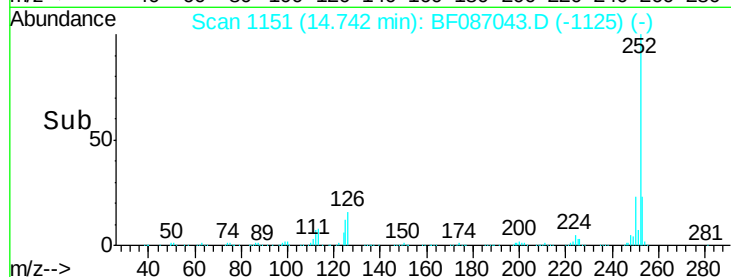
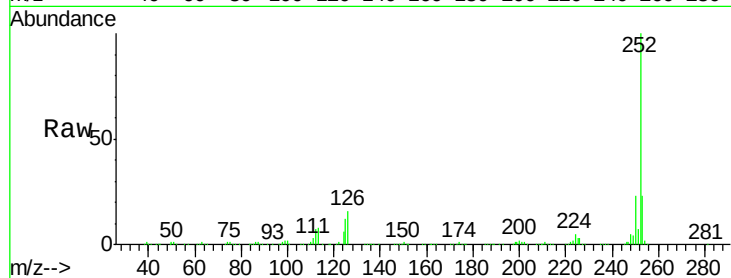
ClientSampleId :

PB90575BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.0	11.4	17.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.48 ng m

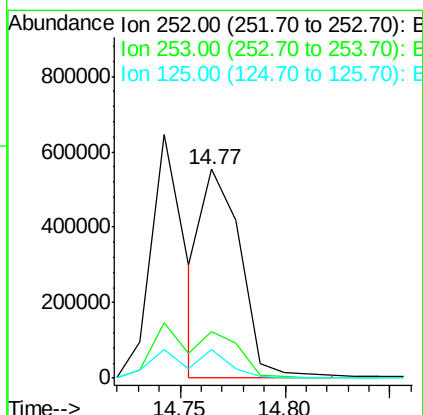
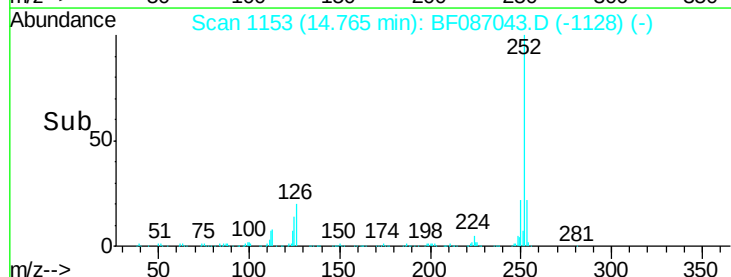
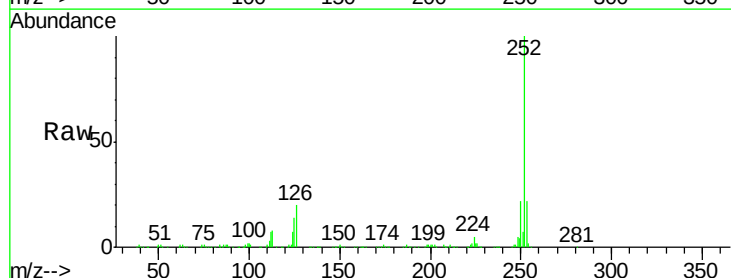
RT: 14.77 min Scan# 1153

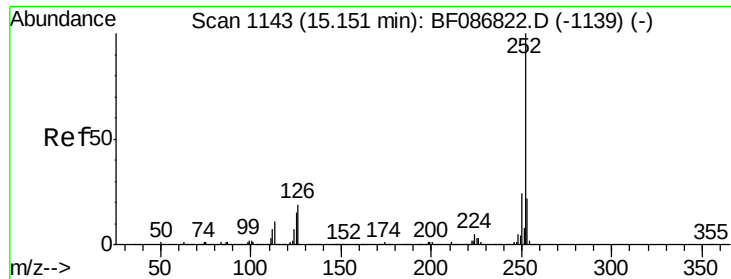
Delta R.T. -0.01 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	14.0	9.1	13.7#





#89

Benzo(a)pyrene

Concen: 41.29 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

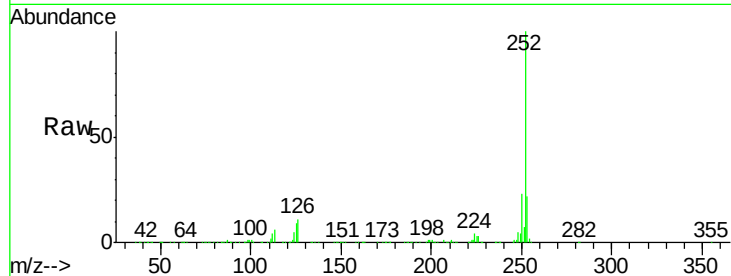
ClientSampleId :

PB90575BSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.2	25.8
125	8.6	9.0	13.6

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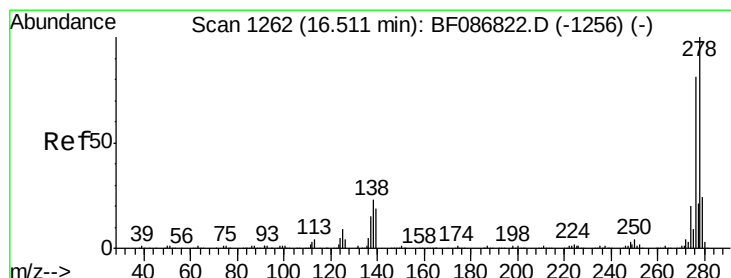
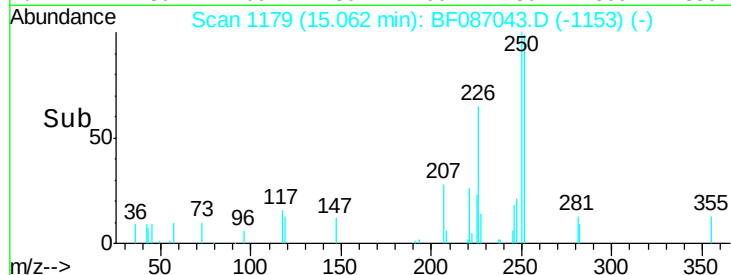
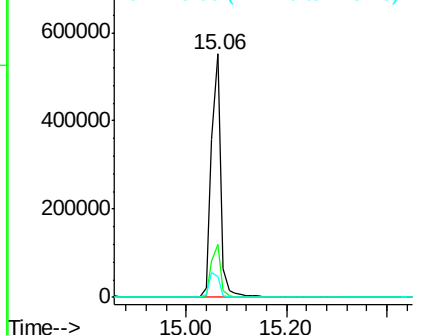
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.30 ng

RT: 16.37 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF087043.D

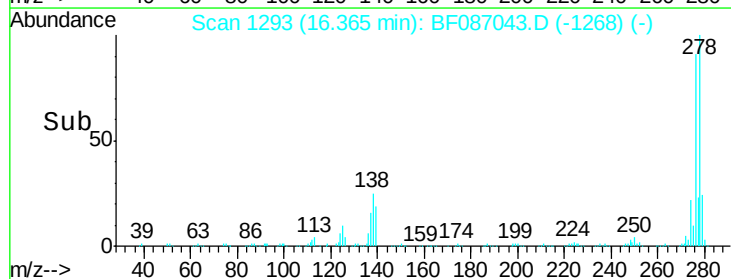
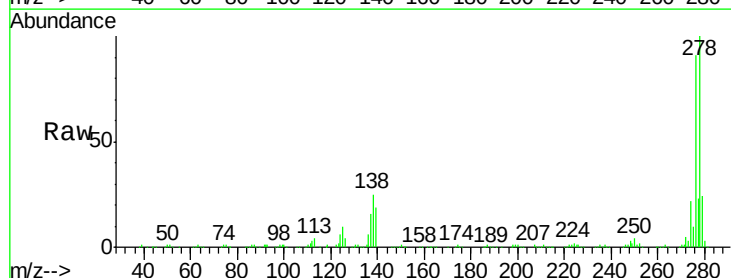
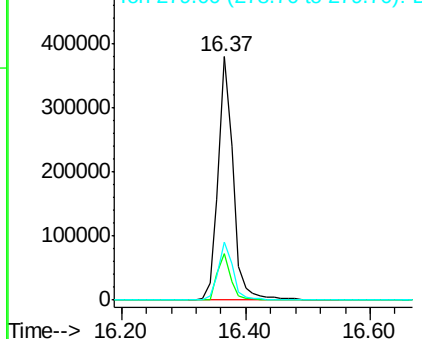
Acq: 15 May 2016 2:29

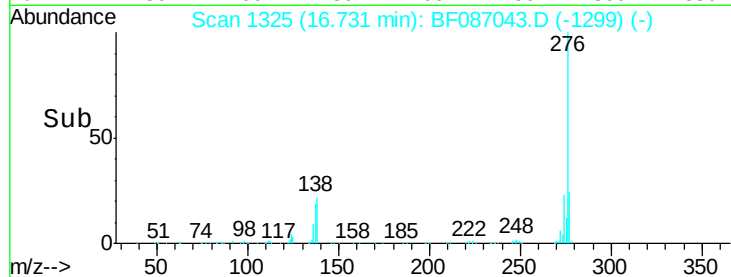
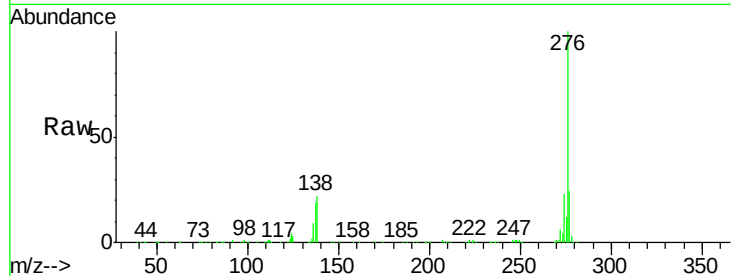
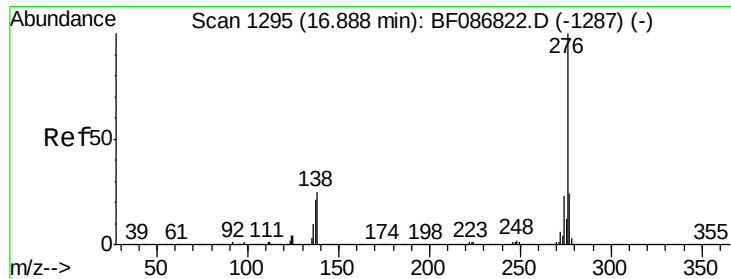
Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	19.0	16.6	24.8
279	23.8	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.60 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF087043.D

Acq: 15 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

PB90575BSD

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.9	19.6	29.4		
138	22.5	23.6	35.4		

Manual Integrations
APPROVED

sohil
5/16/2016 6:58:58 PM

