

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
 Data File : BF084620.D
 Acq On : 27 Jan 2016 14:43
 Operator : SJ/IZ
 Sample : PB87993BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

Manual Integrations
 APPROVED

mohammad
 1/28/2016 2:21:47 PM

Quant Time: Jan 27 18:02:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	196068	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	796169	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	398314	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	754079	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	672672	20.00	ng	0.00
86) Perylene-d12	15.28	264	575361	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1056834	87.18	ng	0.01
7) Phenol-d6	6.38	99	1265796	83.14	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1196443	83.64	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	367899	91.49	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1874369	82.60	ng	0.00
78) Terphenyl-d14	12.84	244	2065831	68.55	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	192904	33.59	ng	# 75
3) Pyridine	3.02	79	390293	24.38	ng	# 68
4) n-Nitrosodimethylamine	2.98	42	243216	29.60	ng	# 68
6) Aniline	6.40	93	368906	16.56	ng	# 21
8) 2-Chlorophenol	6.52	128	561276	40.81	ng	90
9) Benzaldehyde	6.28	77	32054	3.23	ng	96
10) Phenol	6.40	94	609712	35.22	ng	78
11) bis(2-Chloroethyl)ether	6.48	93	501161	37.38	ng	# 81
12) 1,3-Dichlorobenzene	6.67	146	553360m	39.00	ng	
13) 1,4-Dichlorobenzene	6.75	146	545916	38.37	ng	99
14) 1,2-Dichlorobenzene	6.91	146	562259	41.27	ng	97
15) Benzyl Alcohol	6.89	79	443861	34.66	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	829937	33.99	ng	88
17) 2-Methylphenol	7.01	107	481370	41.76	ng	93
18) Hexachloroethane	7.25	117	228731	40.21	ng	# 86
19) n-Nitroso-di-n-propylamine	7.16	70	378883	36.76	ng	# 74
20) 3+4-Methylphenols	7.16	107	578977	42.73	ng	# 69
22) Acetophenone	7.15	105	794104	41.48	ng	99
24) Nitrobenzene	7.32	77	562091	38.74	ng	94
25) Isophorone	7.57	82	1092946	39.95	ng	96
26) 2-Nitrophenol	7.64	139	293096	44.39	ng	# 84
27) 2,4-Dimethylphenol	7.69	122	532754	39.86	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	670073	40.10	ng	99
29) 2,4-Dichlorophenol	7.89	162	506910	45.53	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	488058	42.46	ng	98
31) Naphthalene	8.04	128	1518039	42.03	ng	99
32) Benzoic acid	7.84	122	377886	44.47	ng	96
33) 4-Chloroaniline	8.10	127	133830	8.08	ng	94
34) Hexachlorobutadiene	8.17	225	285405	43.20	ng	99
35) Caprolactam	8.48	113	188948m	50.34	ng	
36) 4-Chloro-3-methylphenol	8.60	107	587252	47.09	ng	98
37) 2-Methylnaphthalene	8.74	142	1098263	42.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	469955	41.04	ng	99
40) Hexachlorocyclopentadiene	8.90	237	525171	75.97	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	355258	41.47	ng	95
43) 2,4,5-Trichlorophenol	9.07	196	341672	41.60	ng #	88
45) 1,1'-Biphenyl	9.21	154	1412441	44.62	ng	98
46) 2-Chloronaphthalene	9.23	162	1057083	42.51	ng #	90
47) 2-Nitroaniline	9.33	65	370106	45.10	ng #	66
48) Acenaphthylene	9.64	152	1587889	43.22	ng	97
49) Dimethylphthalate	9.52	163	1271639	44.66	ng #	90
50) 2,6-Dinitrotoluene	9.57	165	282922	45.30	ng #	64
51) Acenaphthene	9.81	154	1061572	43.08	ng	98
52) 3-Nitroaniline	9.73	138	114594	14.81	ng	98
53) 2,4-Dinitrophenol	9.85	184	276925	103.02	ng #	81
54) Dibenzofuran	9.98	168	1377162	43.02	ng	92
55) 4-Nitrophenol	9.92	139	471936	84.01	ng #	77
56) 2,4-Dinitrotoluene	9.97	165	331088	41.89	ng #	80
57) Fluorene	10.33	166	1169019	47.50	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	311178	44.38	ng	87
59) Diethylphthalate	10.21	149	1294867	46.12	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	486227	47.06	ng	90
61) 4-Nitroaniline	10.36	138	331153	48.00	ng	83
62) Azobenzene	10.48	77	1223912	39.75	ng	87
64) 4,6-Dinitro-2-methylphenol	10.38	198	236900	52.37	ng	93
65) n-Nitrosodiphenylamine	10.44	169	970734	40.26	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	334261	41.18	ng #	80
67) Hexachlorobenzene	10.88	284	389894	42.68	ng #	83
68) Atrazine	10.98	200	389724	49.40	ng	96
69) Pentachlorophenol	11.07	266	414142	87.43	ng	99
70) Phenanthrene	11.29	178	1838890	46.62	ng	97
71) Anthracene	11.33	178	1617256	41.83	ng	98
72) Carbazole	11.49	167	1568552	41.50	ng	98
73) Di-n-butylphthalate	11.83	149	1935615	49.37	ng #	96
74) Fluoranthene	12.47	202	1706169	41.41	ng	98
76) Benzidine	12.59	184	720892	29.89	ng	99
77) Pyrene	12.69	202	1777766	33.68	ng	97
79) Butylbenzylphthalate	13.32	149	835459	36.57	ng	91
80) Benzo(a)anthracene	13.88	228	1576664	39.92	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	296243	21.49	ng #	96
82) Chrysene	13.92	228	1405346	37.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1038330	35.98	ng	99
84) Di-n-octyl phthalate	14.50	149	2023383	41.53	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.60	276	1237522	41.13	ng	99
87) Benzo(b)fluoranthene	14.89	252	1819331m	48.34	ng	
88) Benzo(k)fluoranthene	14.92	252	1068770m	34.72	ng	
89) Benzo(a)pyrene	15.22	252	1356529	42.49	ng #	95
90) Dibenzo(a,h)anthracene	16.61	278	1026836	37.38	ng	97
91) Benzo(g,h,i)perylene	17.00	276	1010382	35.52	ng	95

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



#1

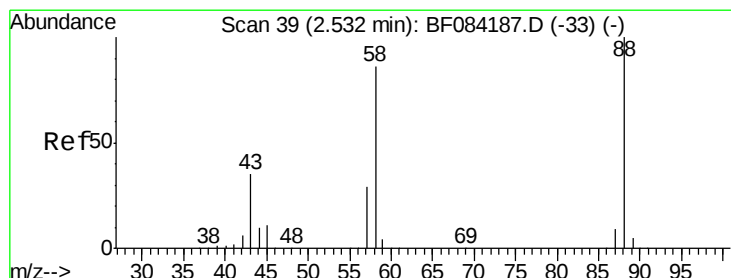
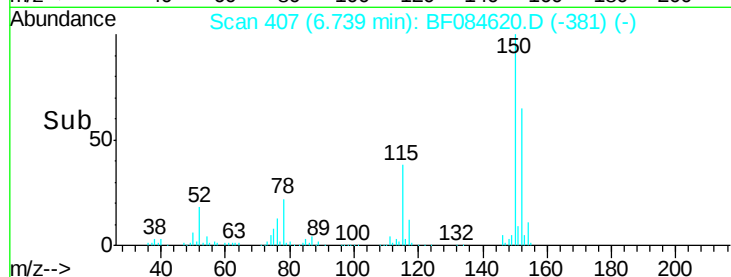
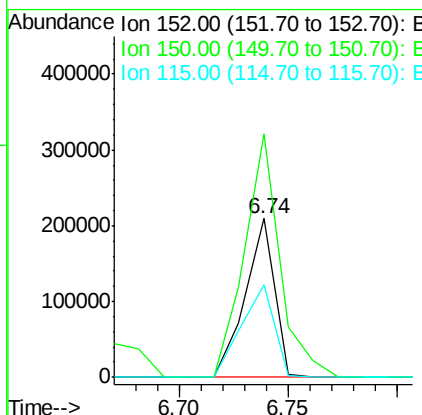
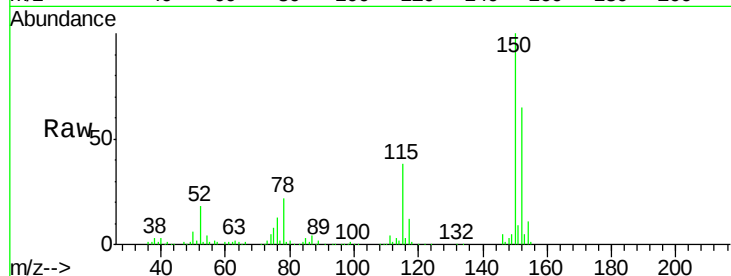
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.4
115	57.9	51.4	77.2

Manual Integrations
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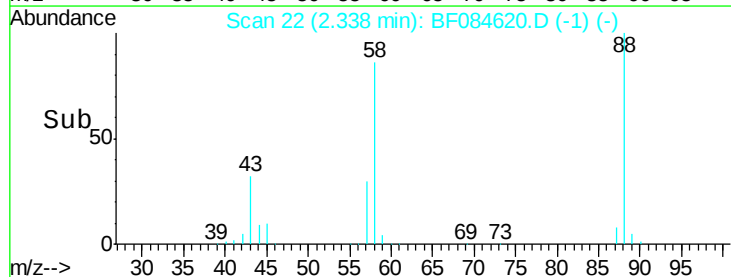
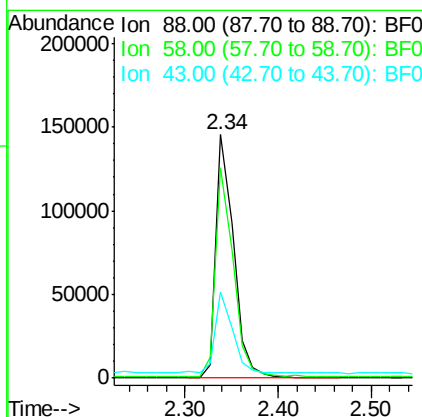
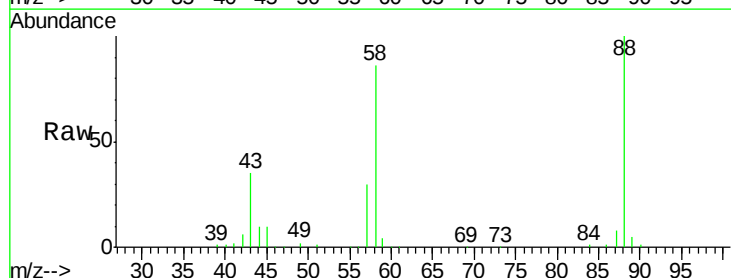
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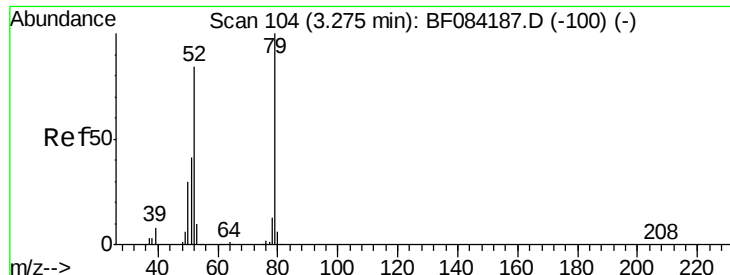


#2

1,4-Dioxane
Concen: 33.59 ng
RT: 2.34 min Scan# 22
Delta R.T. 0.09 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.7	51.2	76.8#
43	34.0	19.5	29.3#





#3

Pyridine

Concen: 24.38 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.09 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

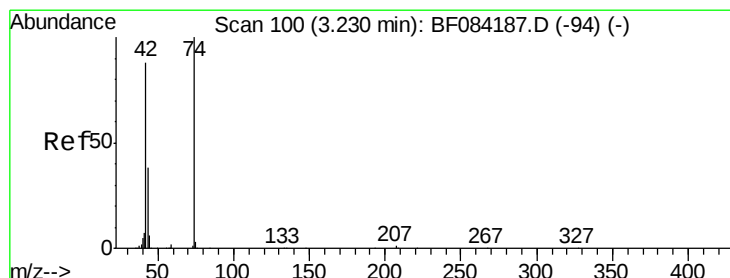
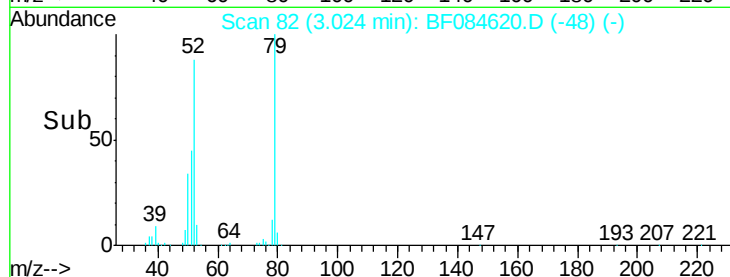
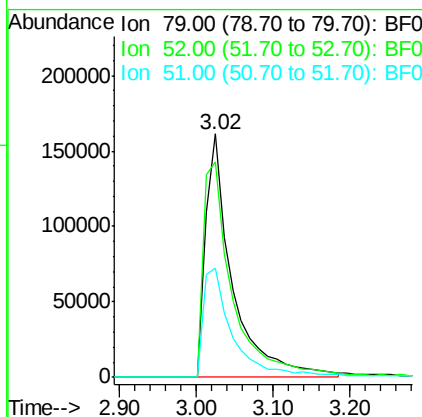
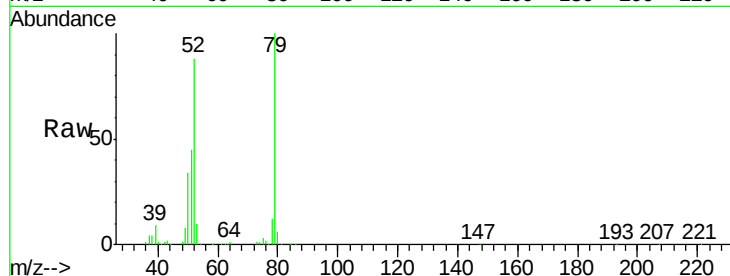
ClientSampleId :

PB87993BSD

Tgt Ion:	79	Resp:	390293
Ion Ratio	Lower	Upper	
79	100		
52	88.3	49.0	73.4#
51	44.9	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 29.60 ng

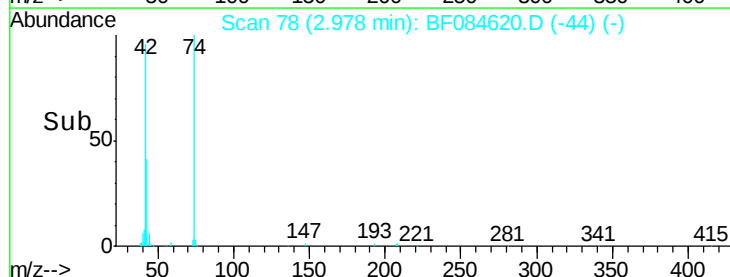
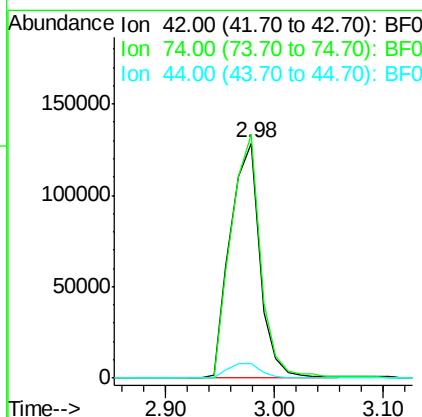
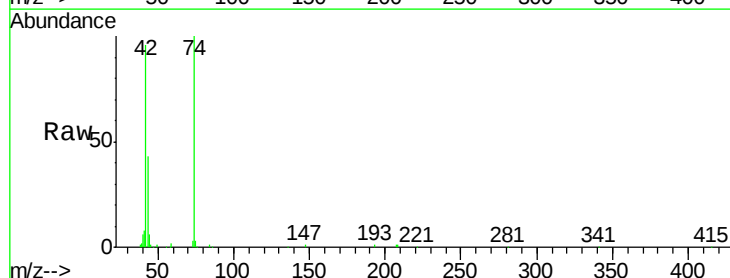
RT: 2.98 min Scan# 78

Delta R.T. 0.09 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion:	42	Resp:	243216
Ion Ratio	Lower	Upper	
42	100		
74	103.7	115.7	173.5#
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 87.18 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084620.D

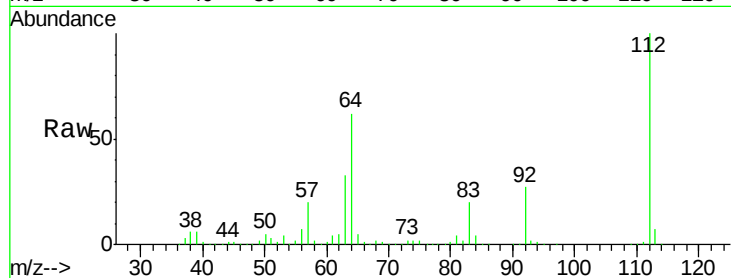
Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampled :

PB87993BSD



Tgt Ion: 112 Resp: 1056834

Ion Ratio Lower Upper

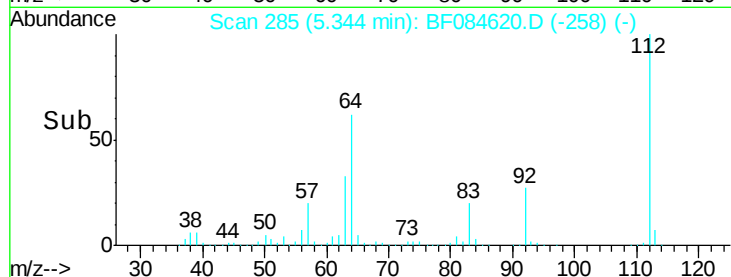
112 100

64 61.6 36.6 55.0#

63 32.5 19.4 29.0#

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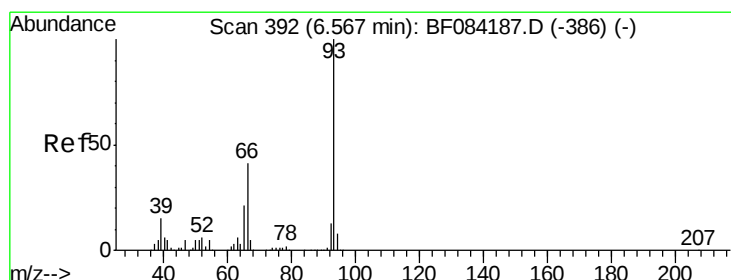
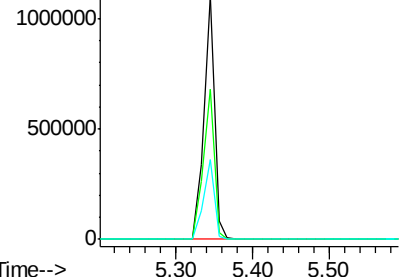
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.56 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

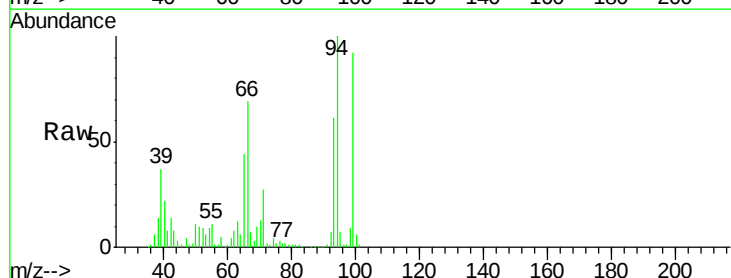
Tgt Ion: 93 Resp: 368906

Ion Ratio Lower Upper

93 100

66 113.5 44.9 67.3#

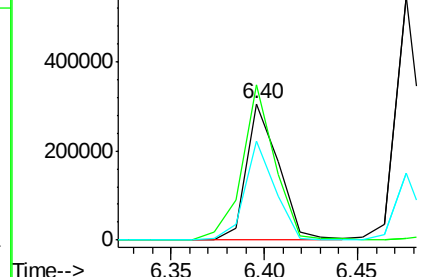
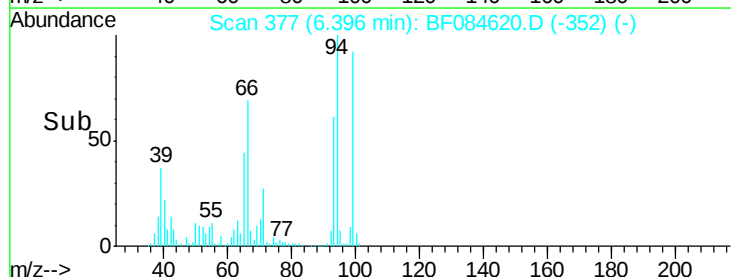
65 72.9 23.7 35.5#

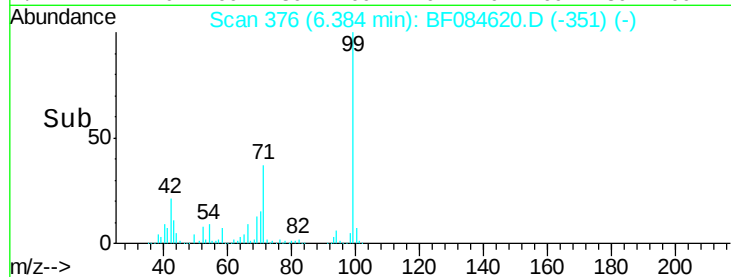
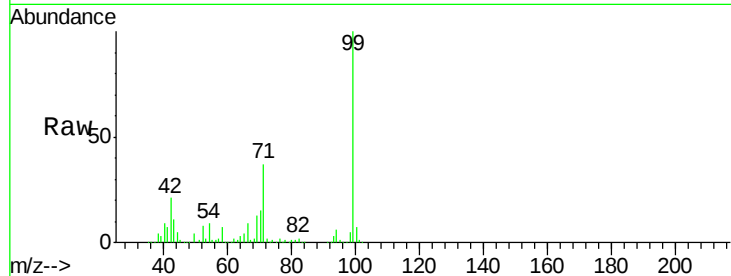


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.14 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion: 99 Resp: 1265796

Ion Ratio Lower Upper

99 100

42 21.3 12.8 19.2#

71 37.5 30.9 46.3

Instrument :

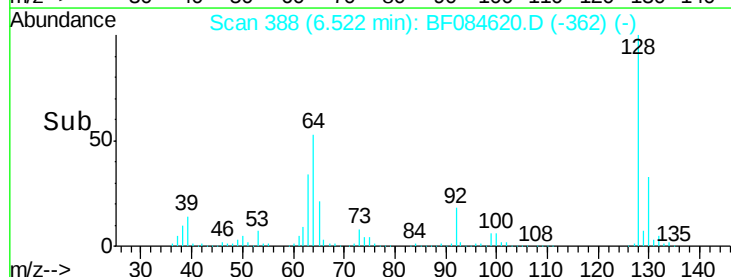
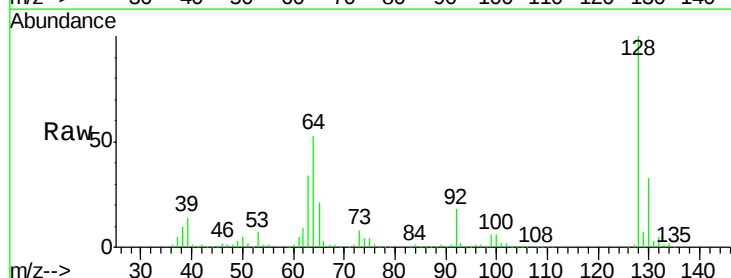
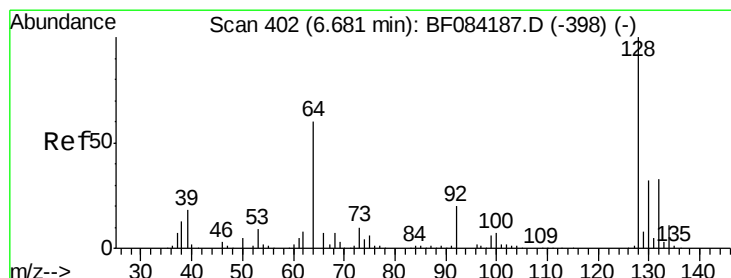
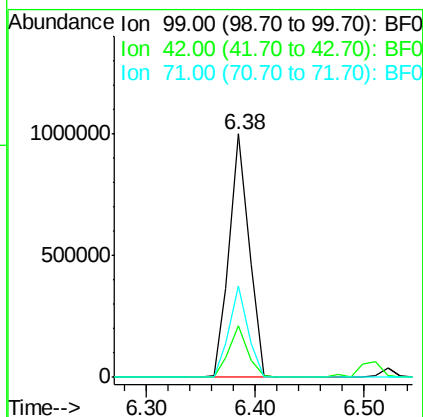
BNA_F

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#8

2-Chlorophenol

Concen: 40.81 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

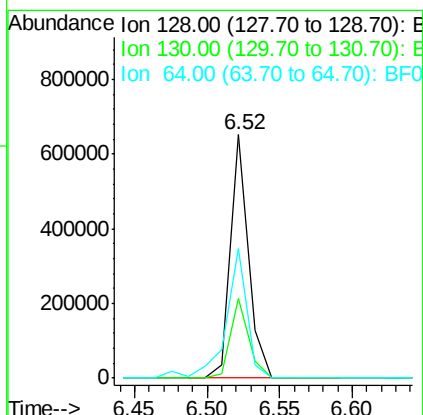
Tgt Ion: 128 Resp: 561276

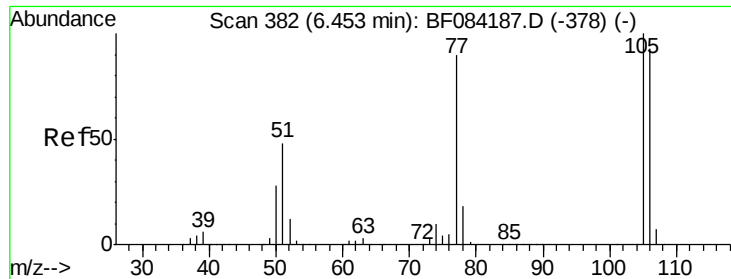
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 53.3 23.8 63.8





#9

Benzaldehyde

Concen: 3.23 ng

RT: 6.28 min Scan# 367

Delta R.T. 0.00 min

Lab File: BF084620.D

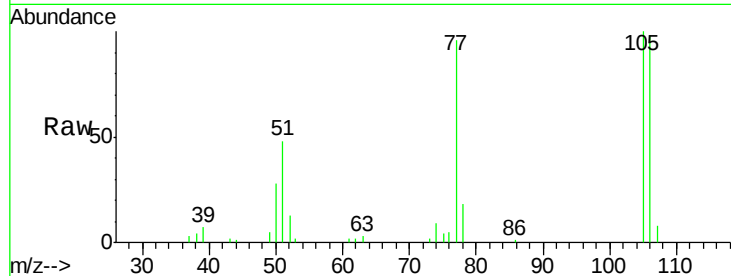
Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

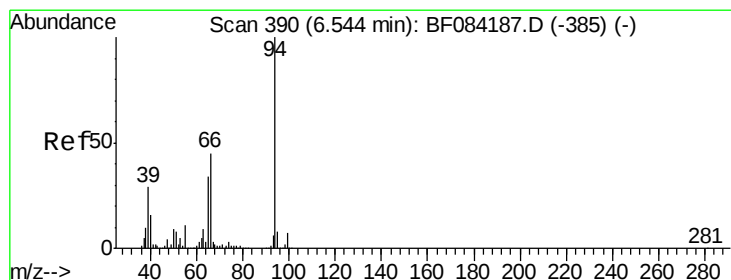
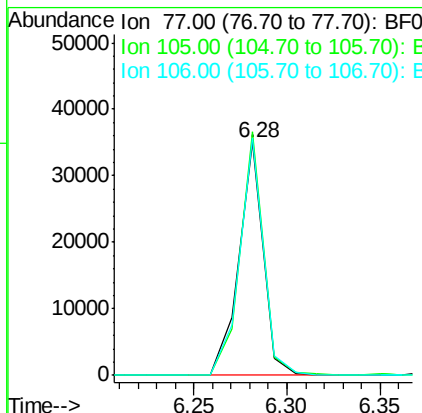
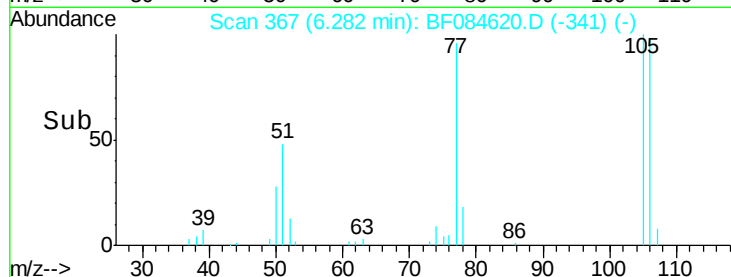
PB87993BSD



Tgt Ion:	77	Resp:	32054
Ion	Ratio	Lower	Upper
77	100		
105	104.5	83.0	123.0
106	101.9	74.6	114.6

Manual Integrations
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#10

Phenol

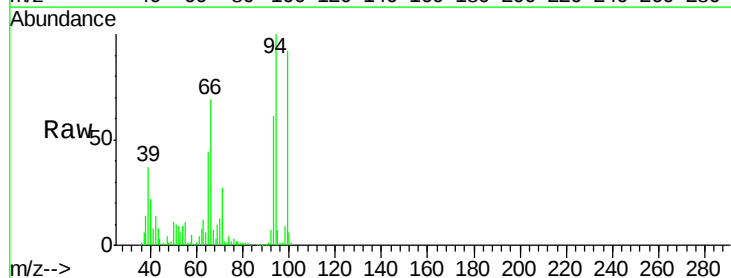
Concen: 35.22 ng

RT: 6.40 min Scan# 377

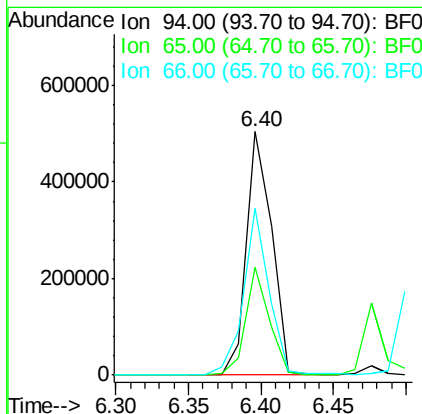
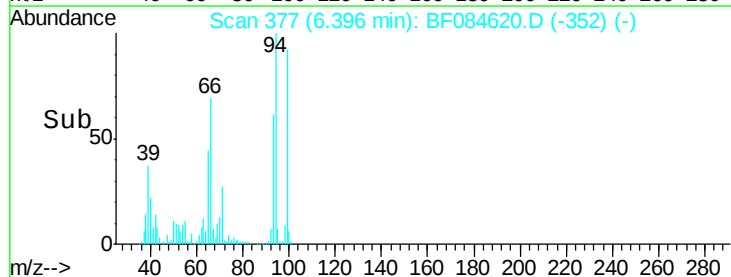
Delta R.T. -0.01 min

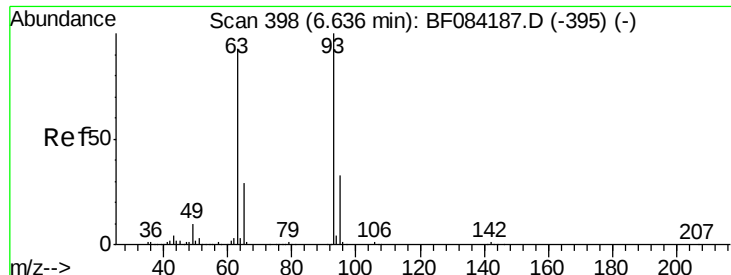
Lab File: BF084620.D

Acq: 27 Jan 2016 14:43



Tgt Ion:	94	Resp:	609712
Ion	Ratio	Lower	Upper
94	100		
65	44.2	12.9	52.9
66	68.8	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.38 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB87993BSD

Tgt Ion: 93 Resp: 501161
Ion Ratio Lower Upper

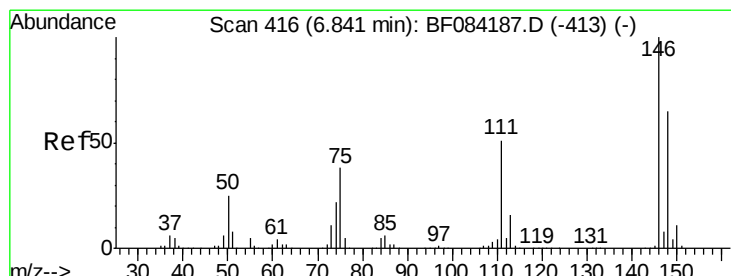
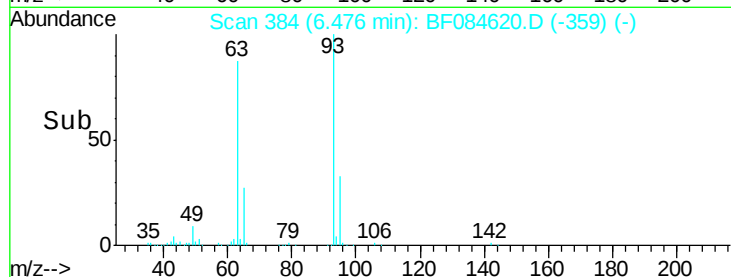
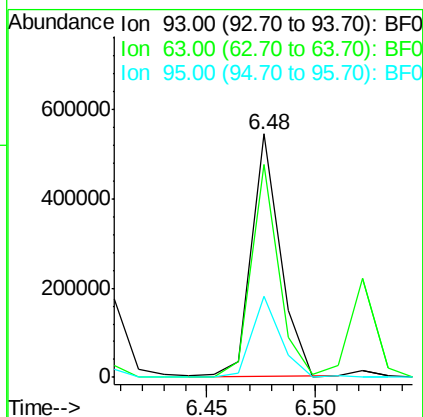
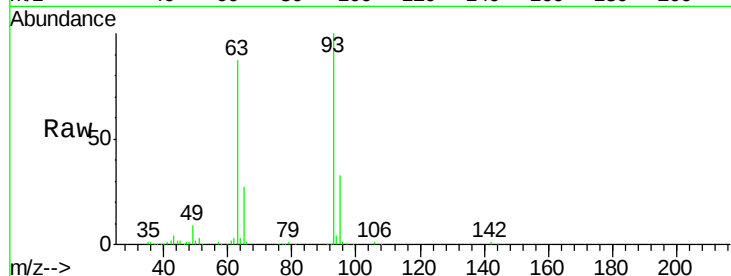
93 100

63 87.2 45.9 85.9#

95 33.3 12.3 52.3

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#12

1,3-Dichlorobenzene

Concen: 39.00 ng m

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084620.D

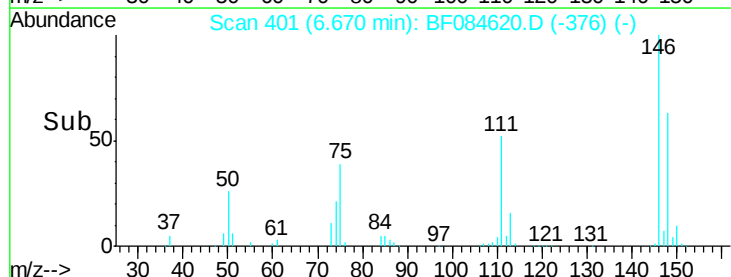
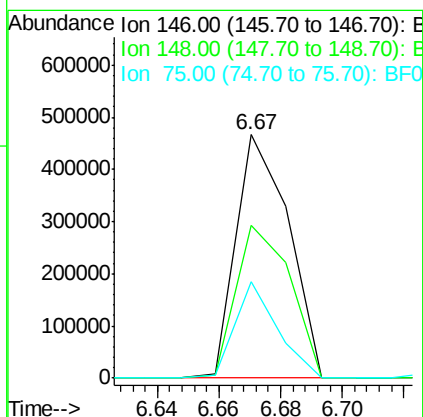
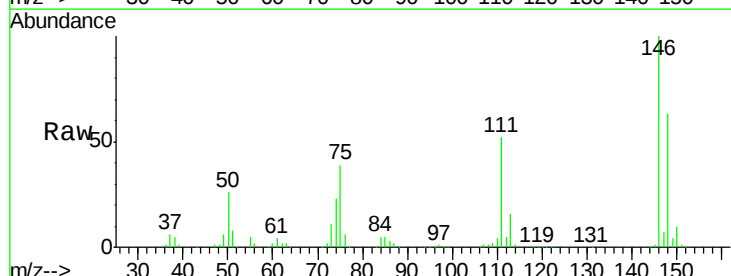
Acq: 27 Jan 2016 14:43

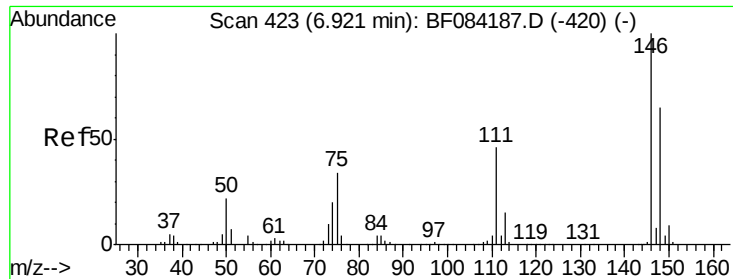
Tgt Ion: 146 Resp: 553360
Ion Ratio Lower Upper

146 100

148 62.9 51.9 77.9

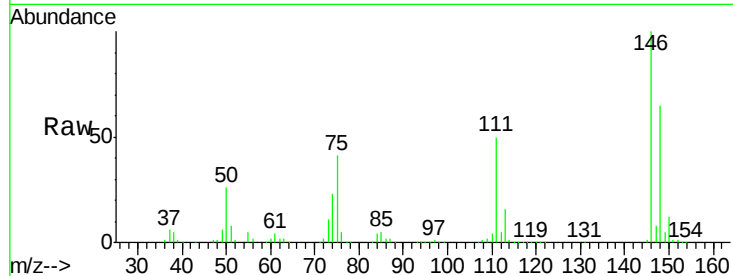
75 39.3 20.5 30.7#





#13
 1,4-Dichlorobenzene
 Concen: 38.37 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

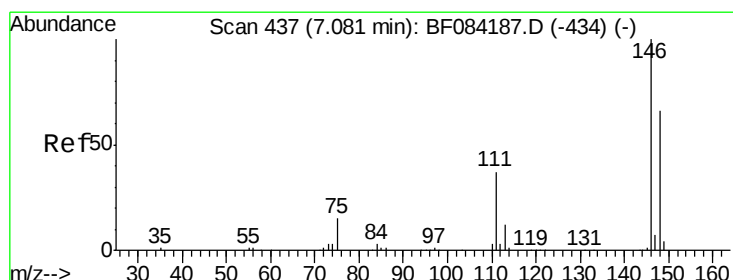
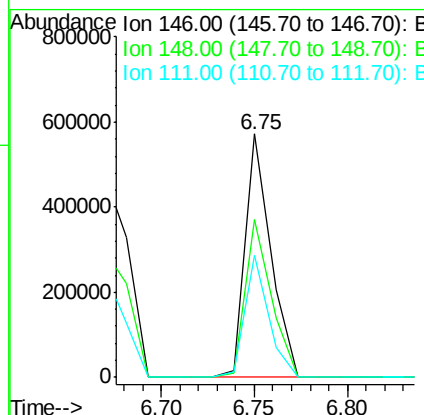
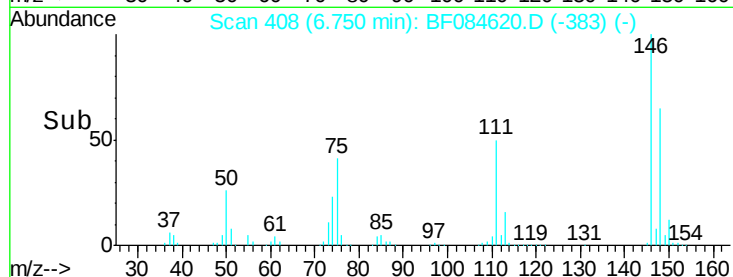
Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD



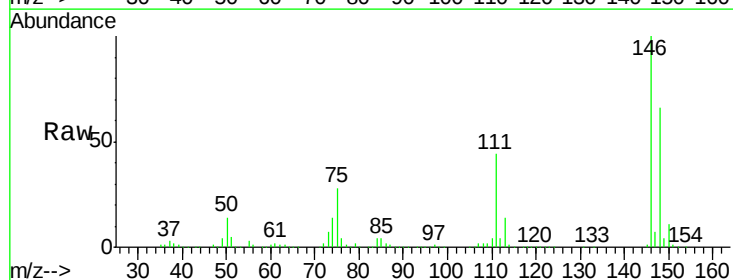
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	545916		
148	64.9	51.9	77.9	
111	50.0	41.6	62.4	

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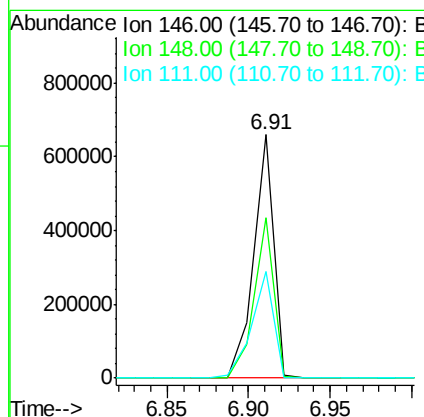
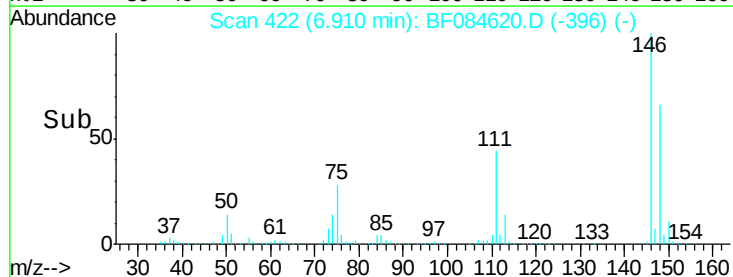
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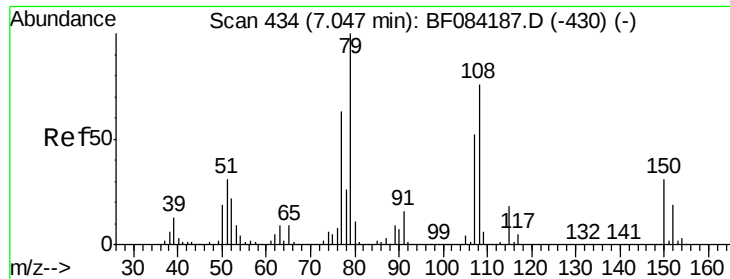


#14
 1,2-Dichlorobenzene
 Concen: 41.27 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	562259		
148	65.8	51.6	77.4	
111	43.8	38.0	57.0	





#15

Benzyl Alcohol

Concen: 34.66 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

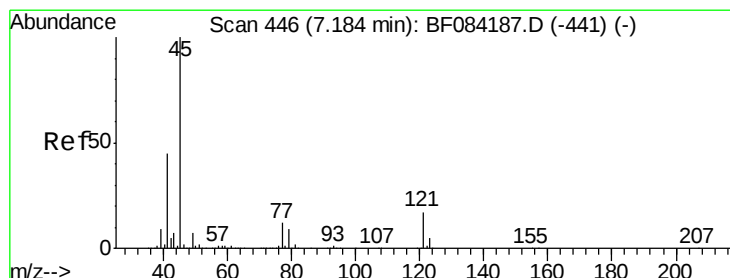
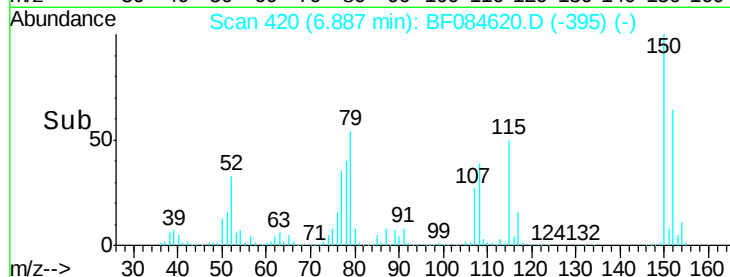
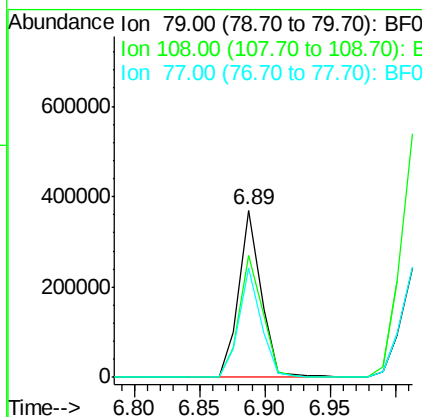
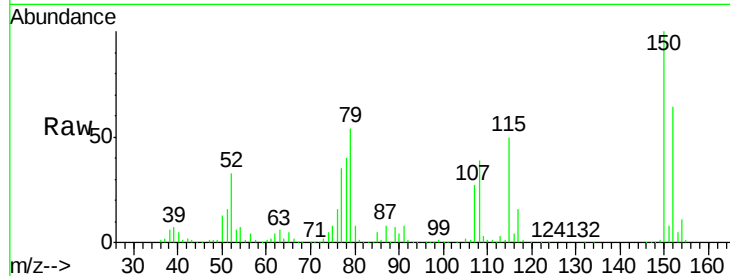
ClientSampleId :

PB87993BSD

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Tgt Ion:	79	Resp:	443861
Ion Ratio	Lower	Upper	
79	100		
108	72.5	69.0	103.4
77	65.4	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.99 ng

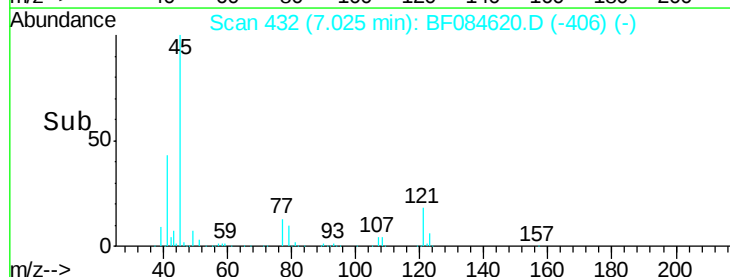
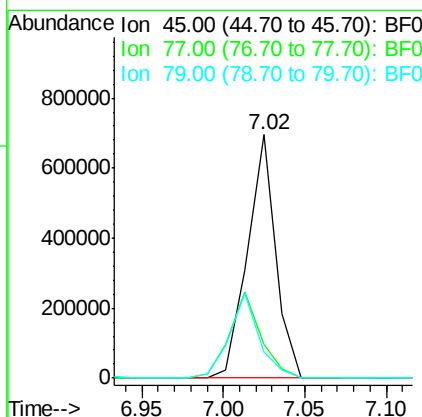
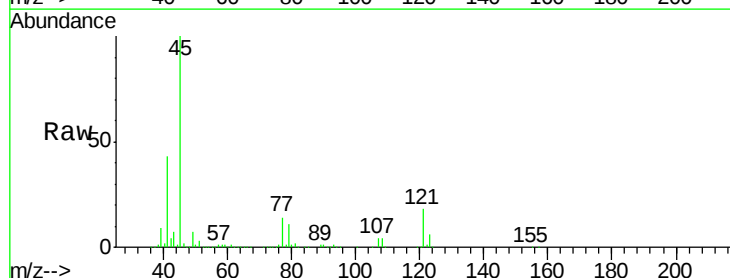
RT: 7.02 min Scan# 432

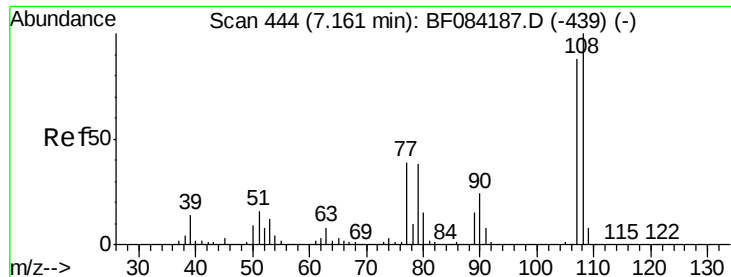
Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion:	45	Resp:	829937
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	39.6
79	10.6	0.0	35.0





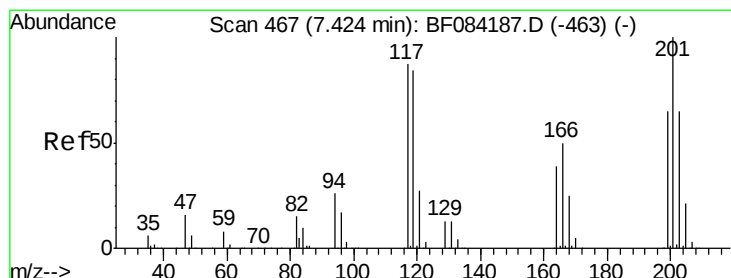
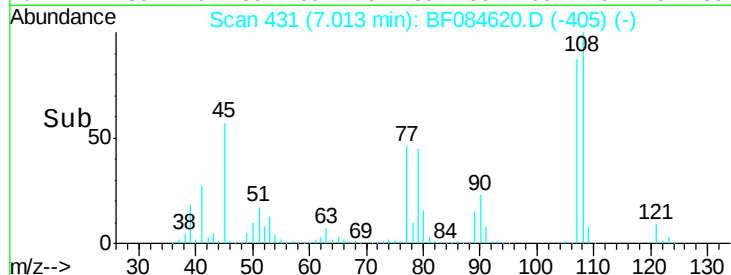
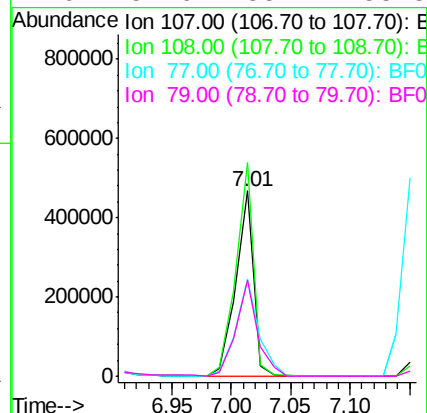
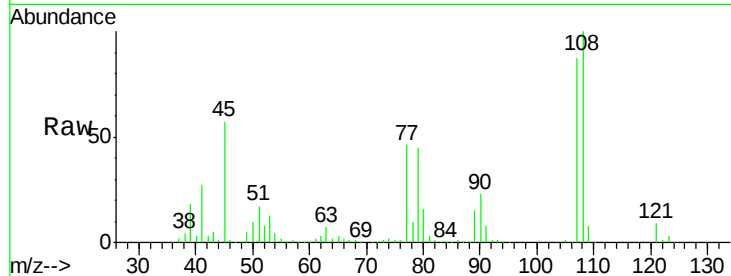
#17
2-Methylphenol
Concen: 41.76 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion:	107	Resp:	481370
Ion Ratio	Lower	Upper	
107	100		
108	115.2	89.8	134.6
77	52.6	35.7	53.5
79	51.6	35.7	53.5

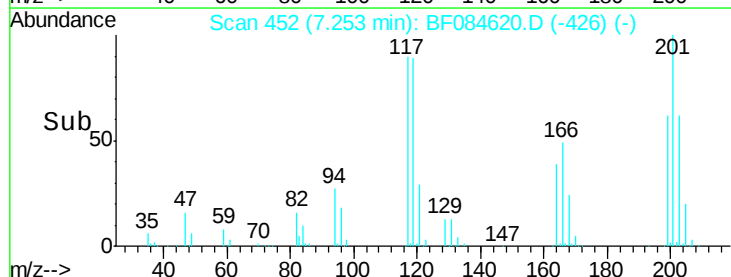
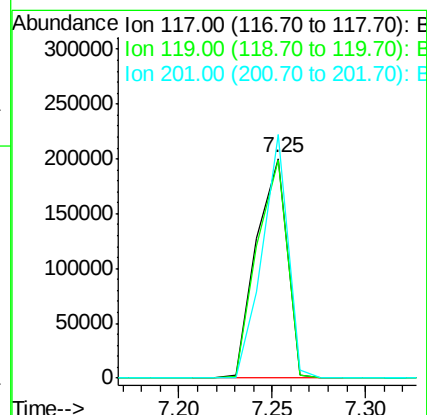
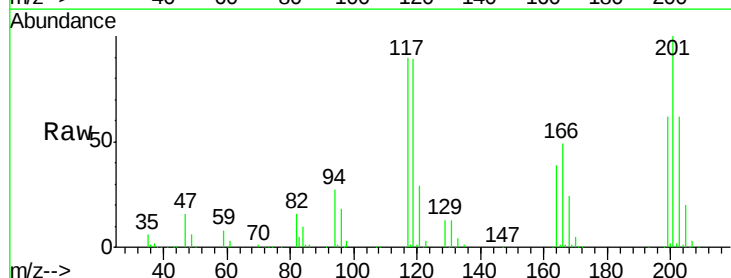
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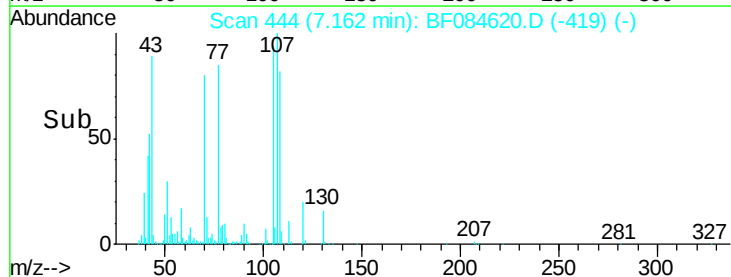
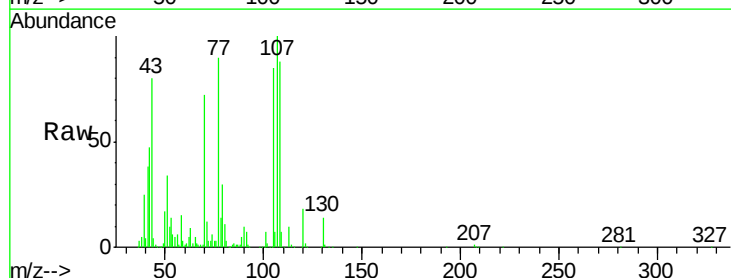
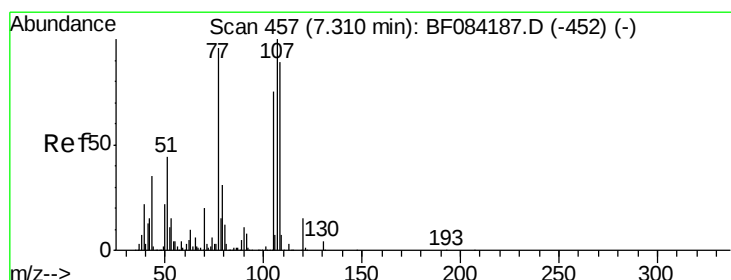
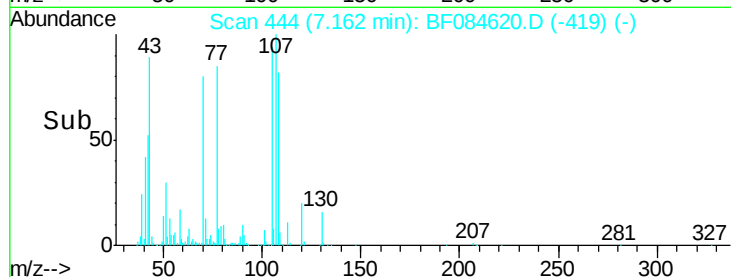
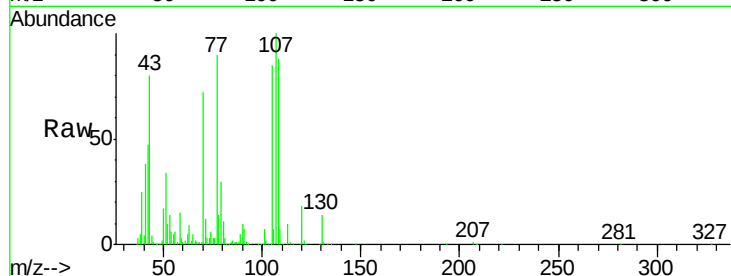
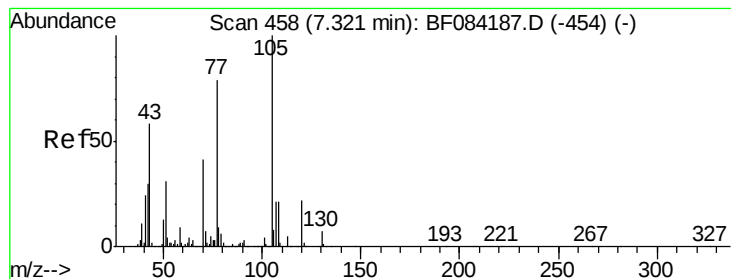
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#18
Hexachloroethane
Concen: 40.21 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion:	117	Resp:	228731
Ion Ratio	Lower	Upper	
117	100		
119	98.9	77.4	116.0
201	110.7	68.6	103.0#





#19

n-Nitroso-di-n-propylamine

Concen: 36.76 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 70 Resp: 378883

Ion Ratio Lower Upper

70 100

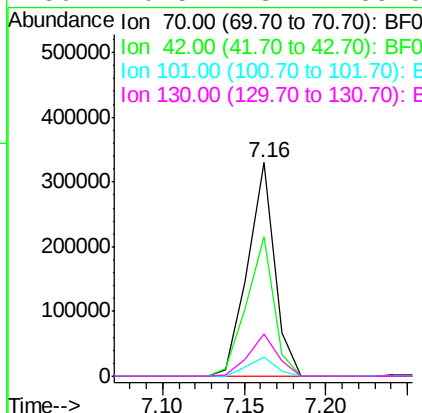
42 65.1 33.3 49.9#

101 9.2 9.3 13.9#

130 19.5 23.4 35.0#

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#20

3+4-Methylphenols

Concen: 42.73 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion: 107 Resp: 578977

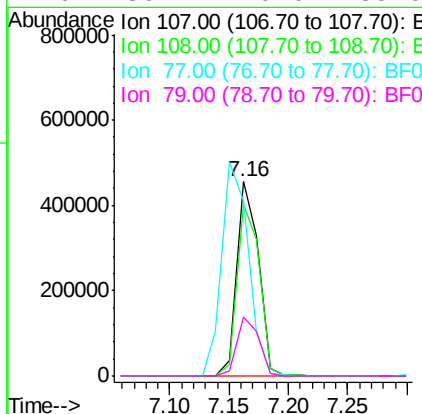
Ion Ratio Lower Upper

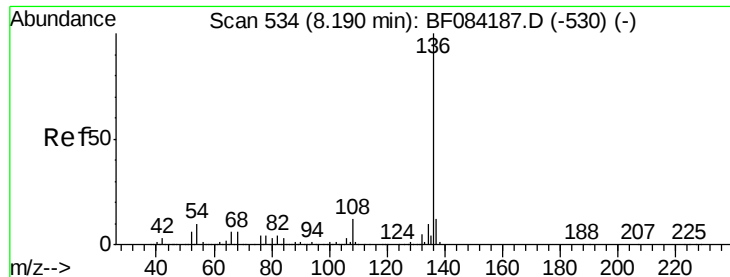
107 100

108 88.3 74.6 114.6

77 90.2 0.7 40.7#

79 30.2 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF084620.D

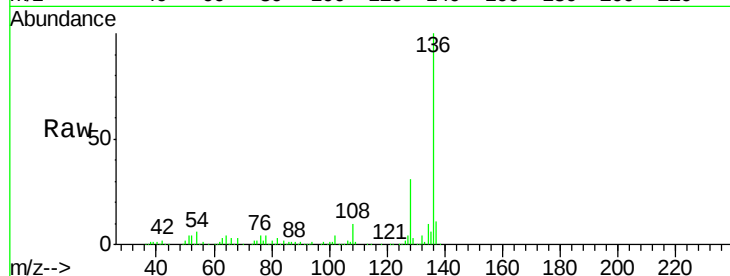
Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

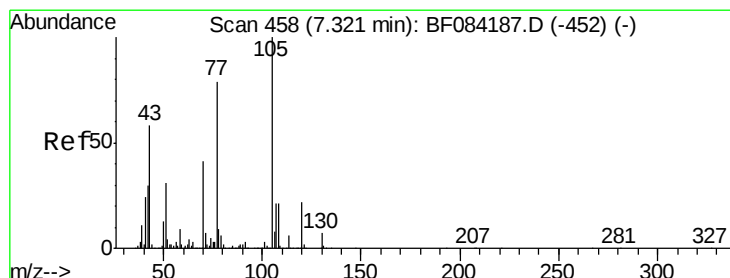
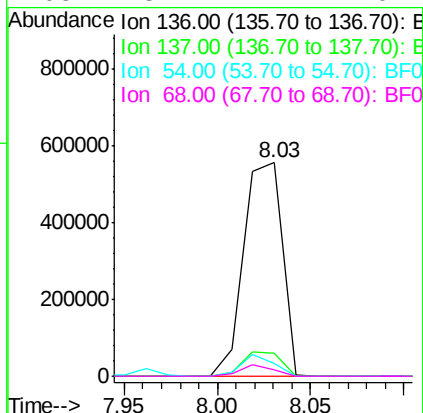
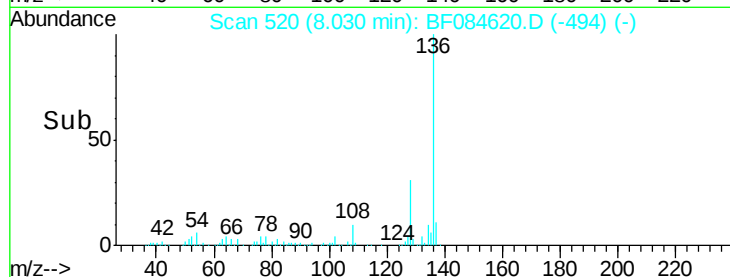
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Tgt Ion	Ratio	Resp	Lower	Upper
136	100	796169		
137	10.7	8.7	13.1	
54	6.2	5.8	8.8	
68	3.2	4.2	6.2#	

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#22

Acetophenone

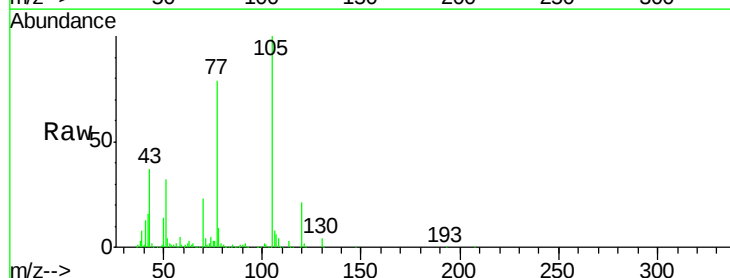
Concen: 41.48 ng

RT: 7.15 min Scan# 443

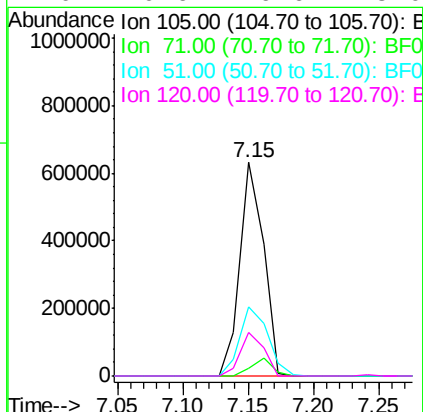
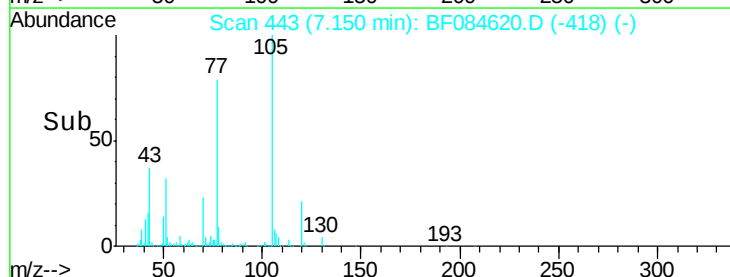
Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	794104		
71	3.7	3.7	5.5	
51	32.4	25.1	37.7	
120	20.6	16.6	25.0	





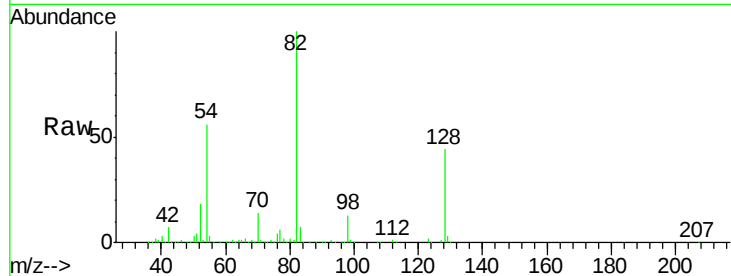
#23
 Nitrobenzene-d5
 Concen: 83.64 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

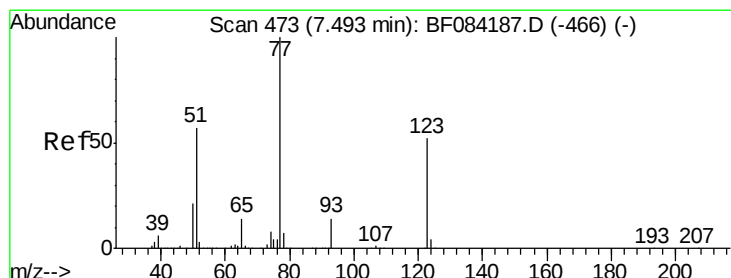
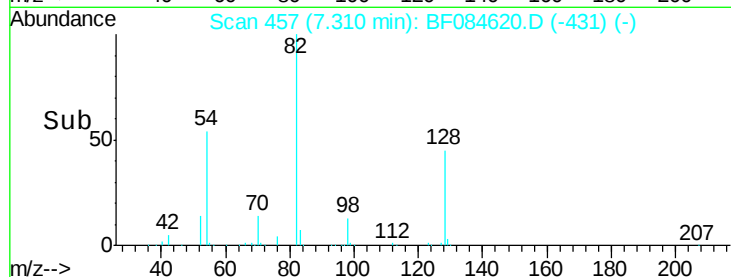
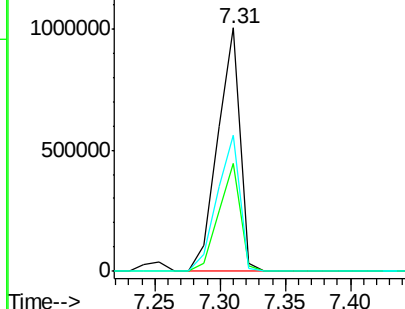
Tgt Ion: 82 Resp: 1196443
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 51.8
 54 55.9 38.4 57.6

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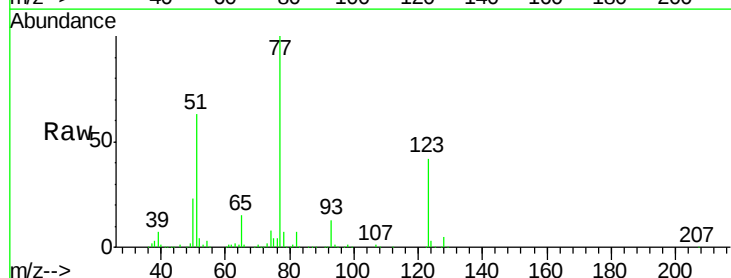


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

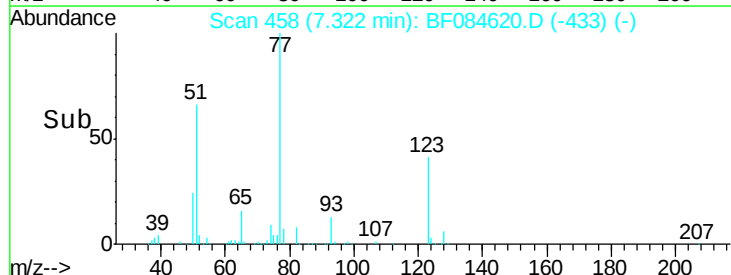
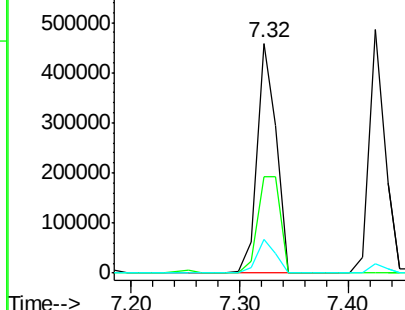


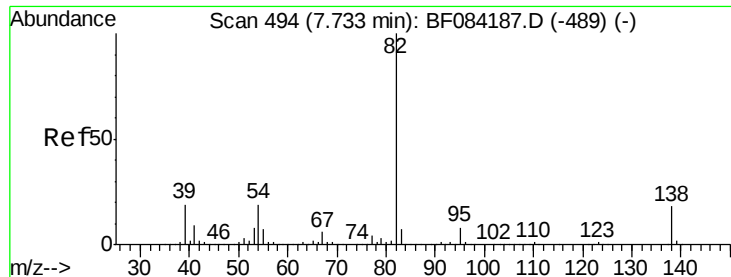
#24
 Nitrobenzene
 Concen: 38.74 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion: 77 Resp: 562091
 Ion Ratio Lower Upper
 77 100
 123 42.1 37.4 56.2
 65 14.7 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.95 ng

RT: 7.57 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

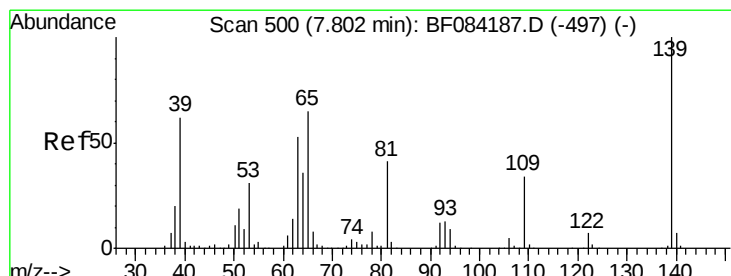
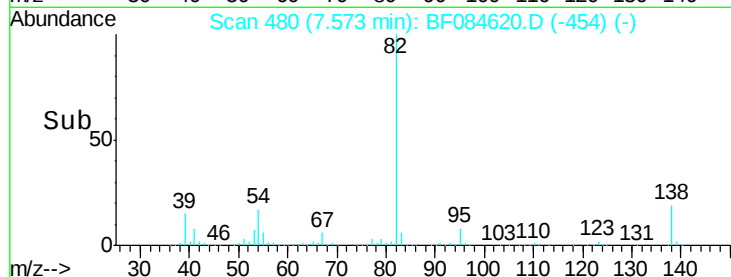
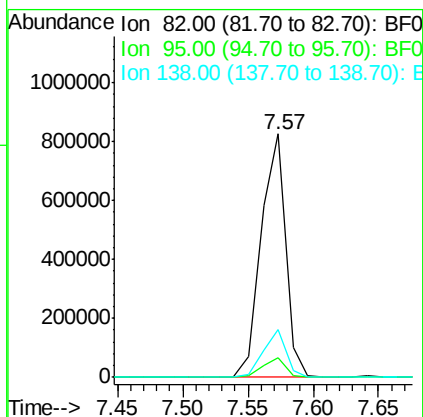
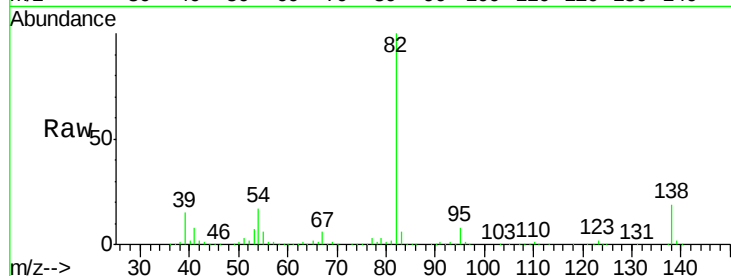
ClientSampleId :

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Tgt Ion:	82	Resp:	1092946
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.6	10.0
138	19.5	13.6	20.4

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#26

2-Nitrophenol

Concen: 44.39 ng

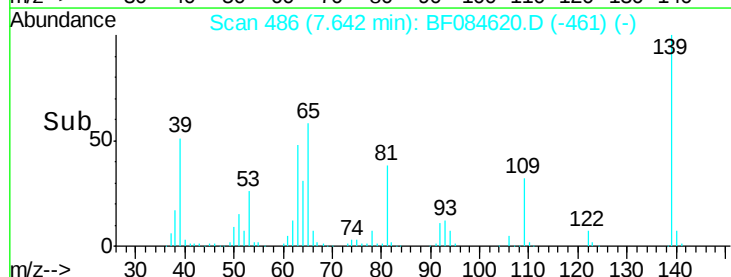
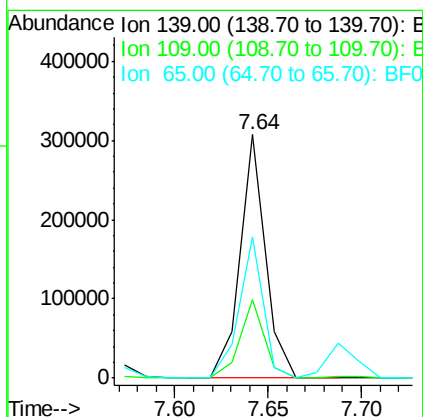
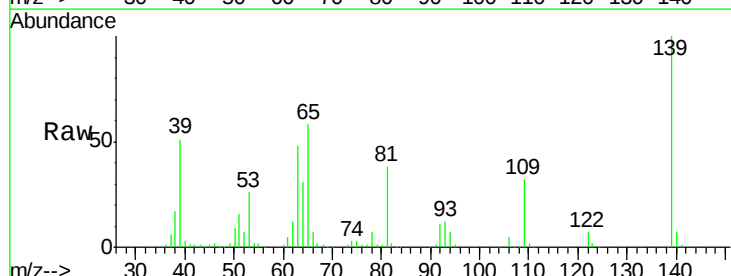
RT: 7.64 min Scan# 486

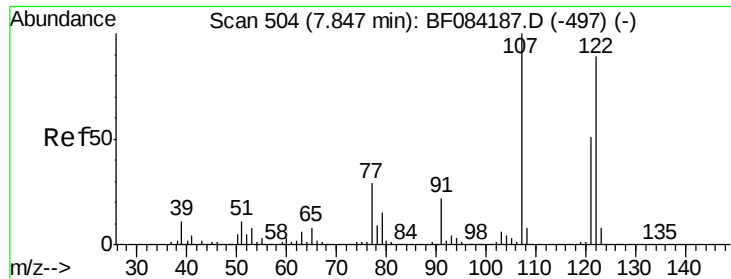
Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion:	139	Resp:	293096
Ion	Ratio	Lower	Upper
139	100		
109	32.4	25.4	38.2
65	58.1	32.3	48.5#





#27

2,4-Dimethylphenol

Concen: 39.86 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

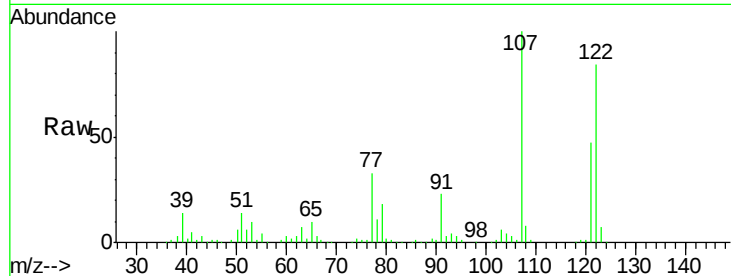
ClientSampleId :

PB87993BSD

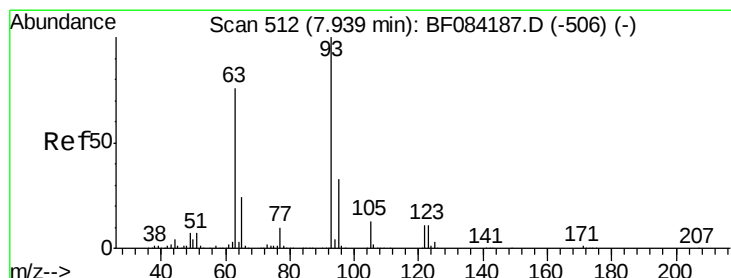
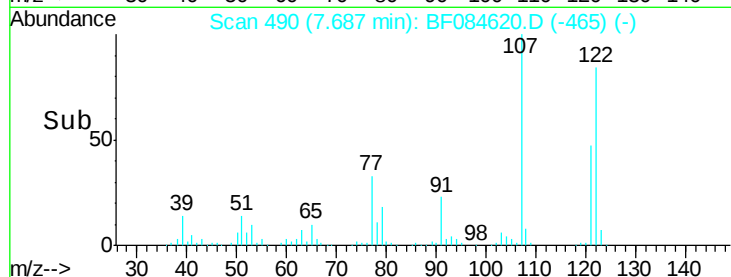
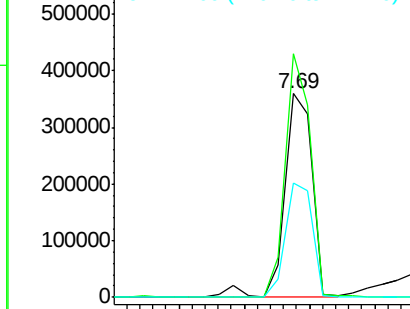
Tgt Ion:	122	Resp:	532754
Ion Ratio	Lower	Upper	
122	100		
107	119.4	99.1	148.7
121	56.1	47.9	71.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.10 ng

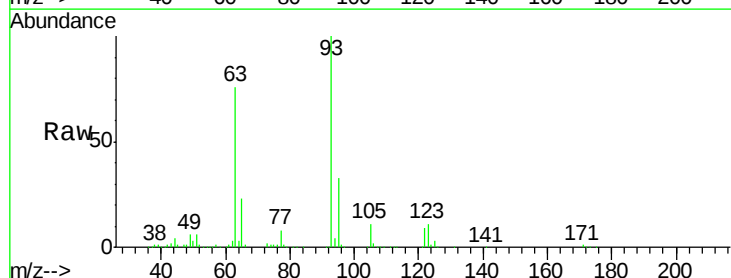
RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

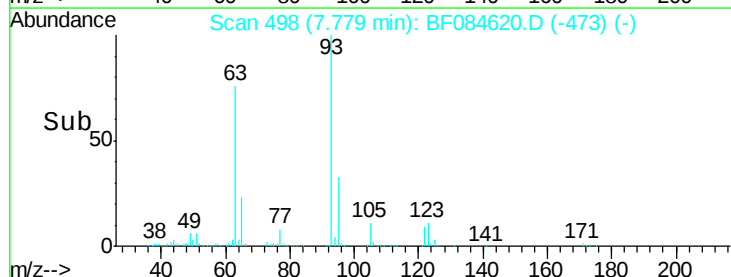
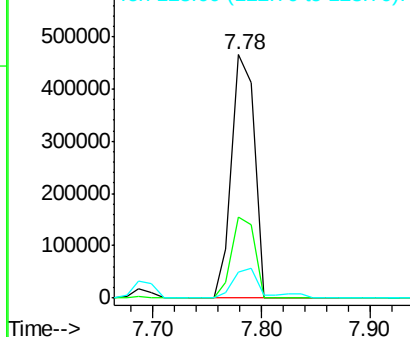
Lab File: BF084620.D

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Tgt Ion:	93	Resp:	670073
Ion Ratio	Lower	Upper	
93	100		
95	33.3	25.8	38.6
123	10.7	8.6	12.8



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





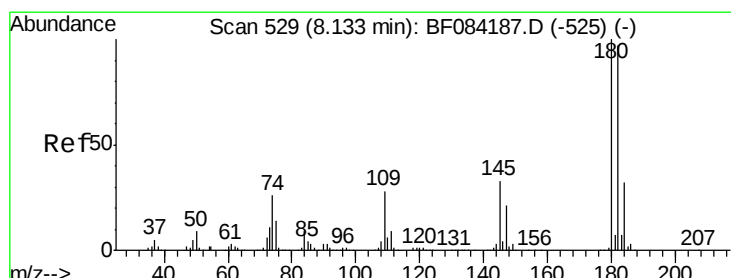
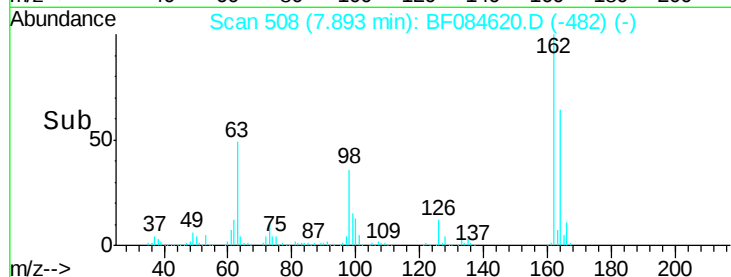
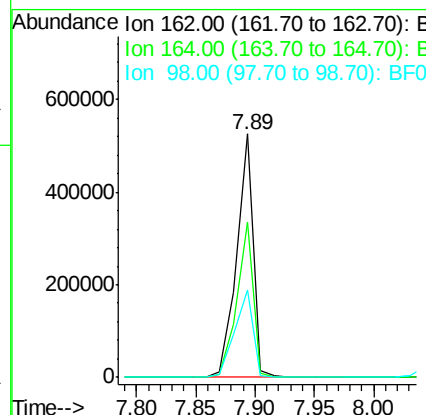
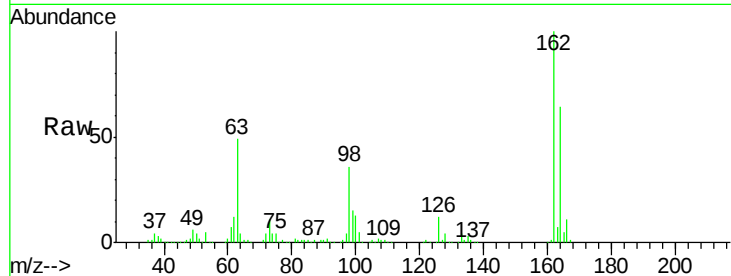
#29
2,4-Dichlorophenol
Concen: 45.53 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
162	100	506910		
164	64.0	44.1	84.1	
98	36.1	20.2	60.2	

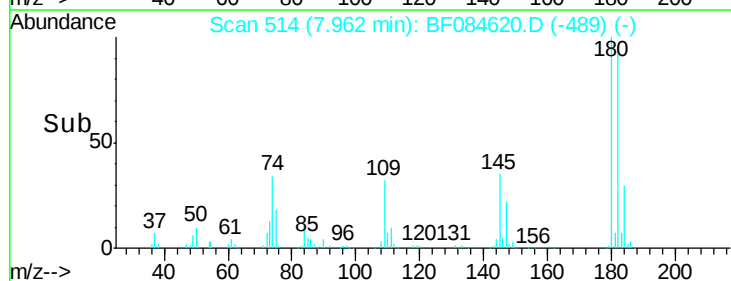
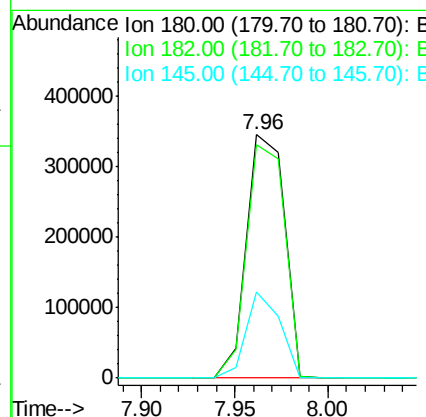
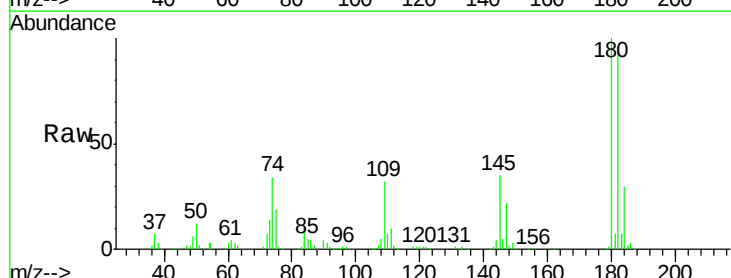
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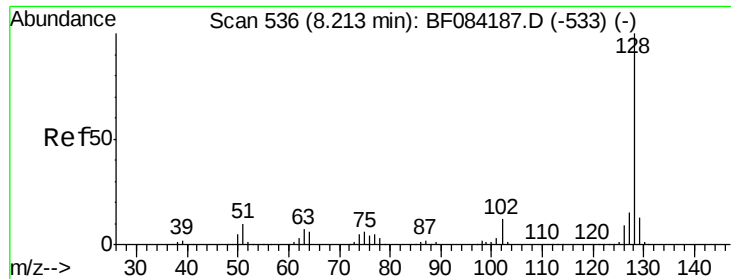
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#30
1,2,4-Trichlorobenzene
Concen: 42.46 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	488058		
182	96.0	76.4	114.6	
145	35.2	31.6	47.4	





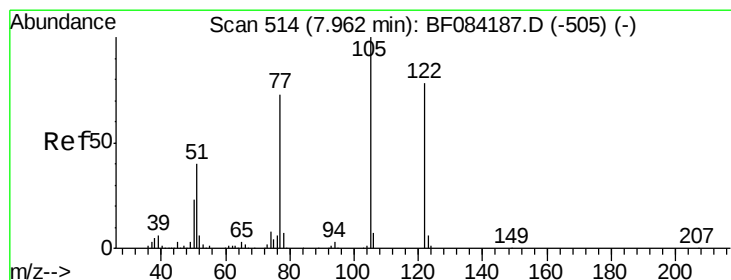
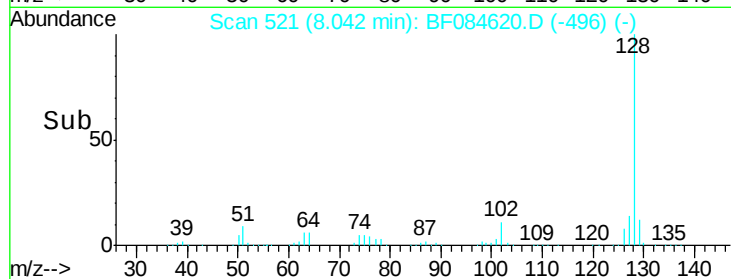
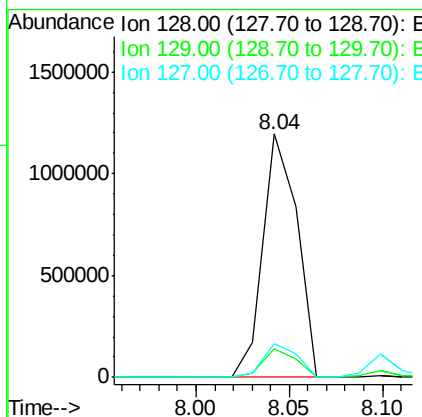
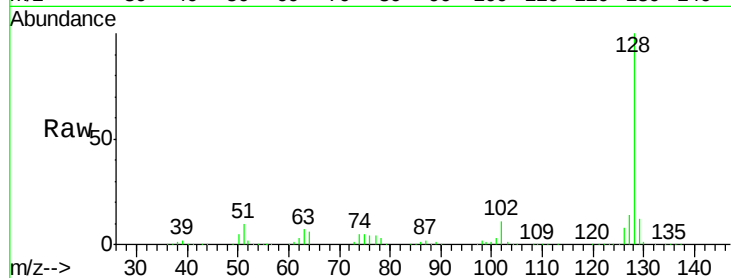
#31
Naphthalene
Concen: 42.03 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion:128 Resp: 1518039
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.6 11.1 16.7

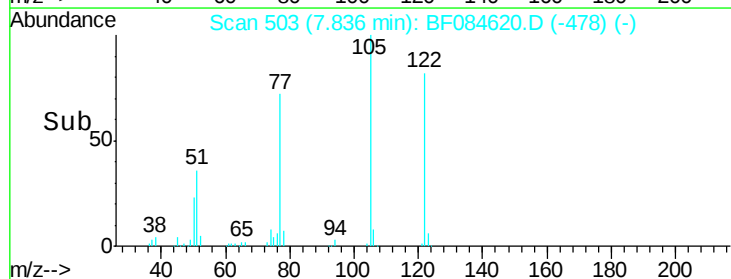
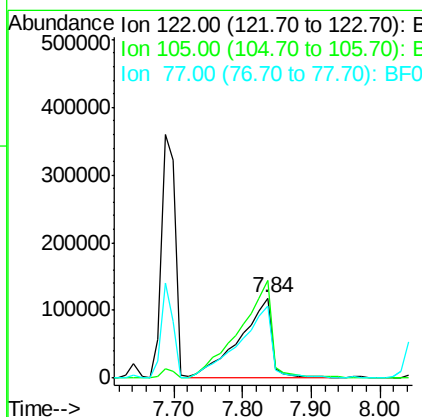
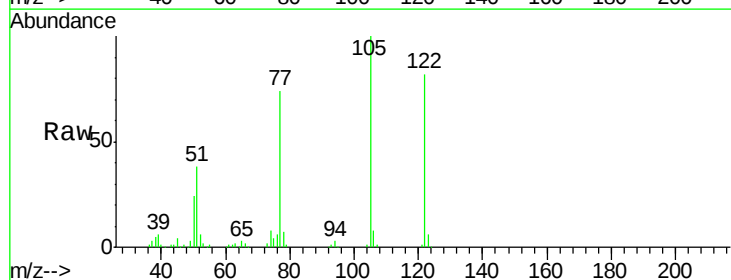
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#32
Benzoic acid
Concen: 44.47 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion:122 Resp: 377886
Ion Ratio Lower Upper
122 100
105 121.4 100.3 140.3
77 90.3 63.5 103.5





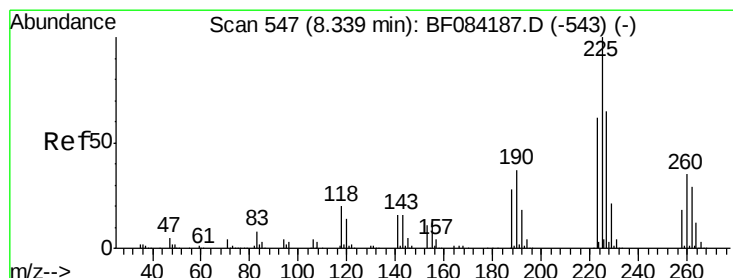
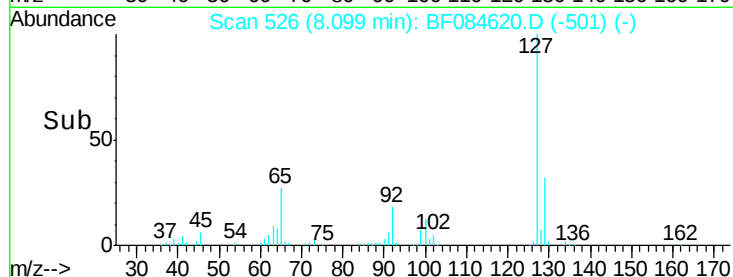
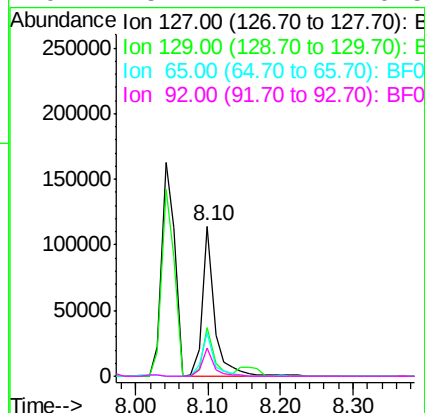
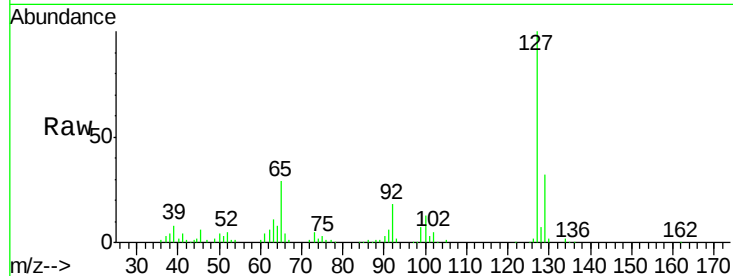
#33
4-Chloroaniline
Concen: 8.08 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	133830		
129	32.0	26.5	39.7	
65	29.3	27.2	40.8	
92	18.4	17.7	26.5	

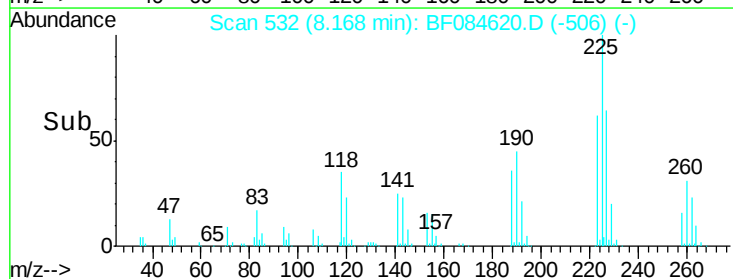
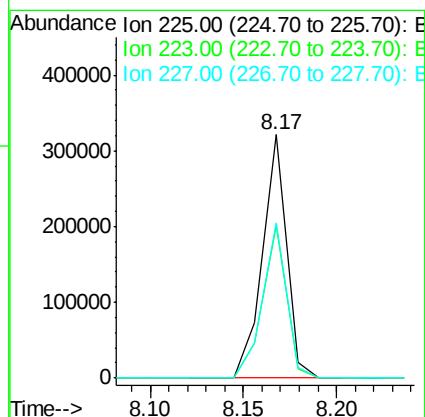
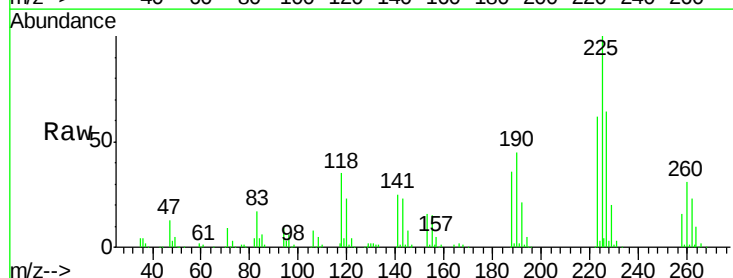
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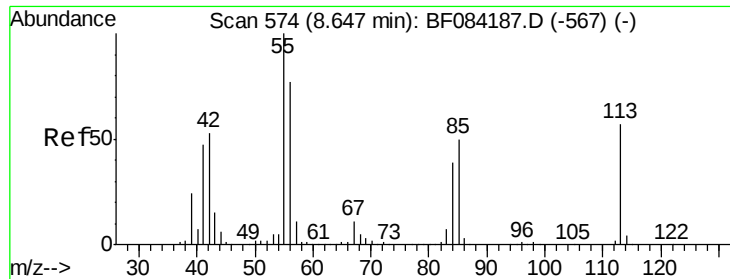
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#34
Hexachlorobutadiene
Concen: 43.20 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	285405		
223	62.5	49.4	74.0	
227	63.6	50.8	76.2	





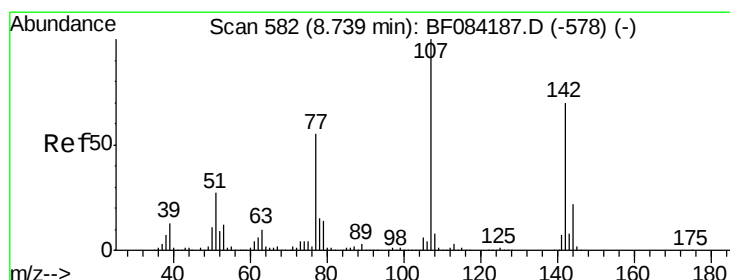
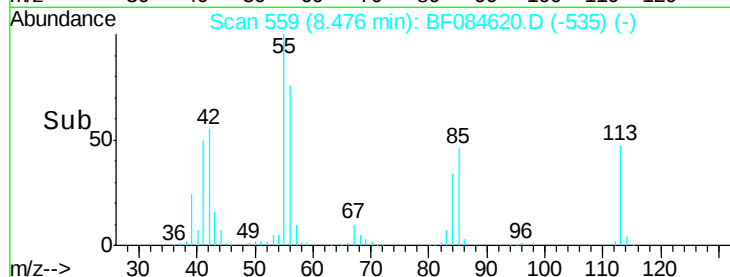
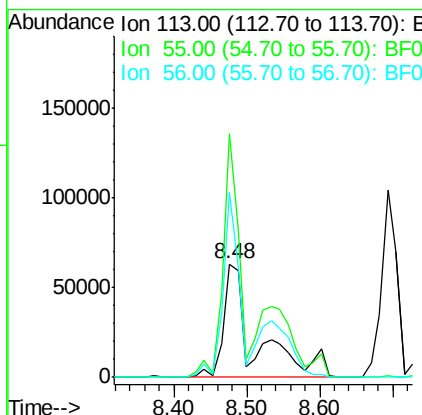
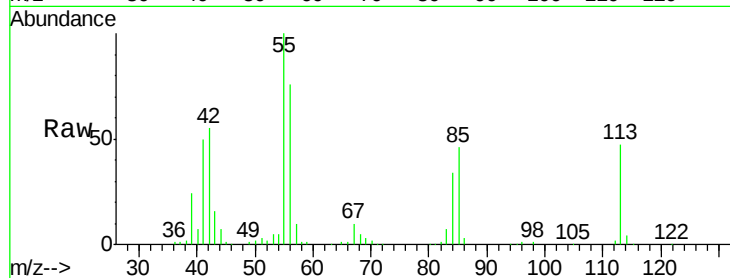
#35
 Caprolactam
 Concen: 50.34 ng m
 RT: 8.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	214.4	116.9	156.9#	
56	162.8	93.8	133.8#	

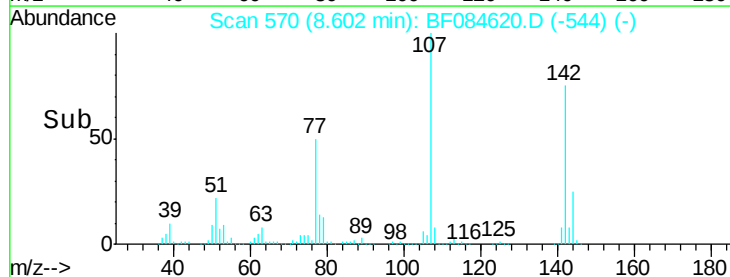
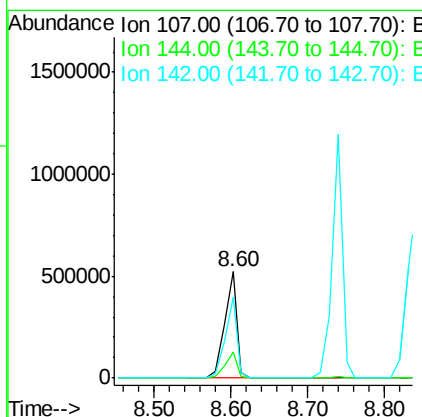
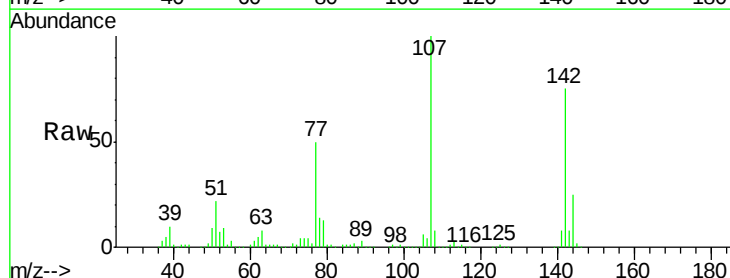
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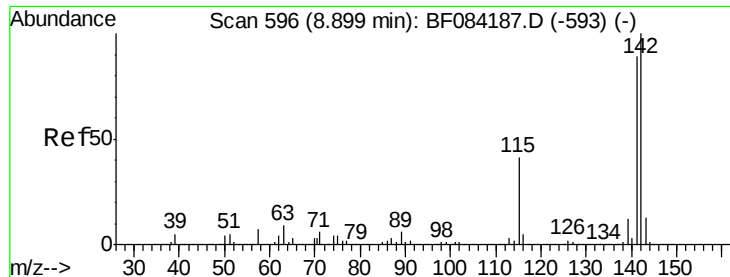
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#36
 4-Chloro-3-methylphenol
 Concen: 47.09 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.7	19.7	29.5	
142	75.5	61.8	92.6	





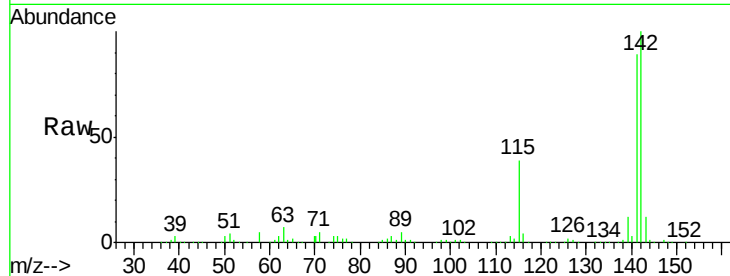
#37
2-Methylnaphthalene
Concen: 42.35 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

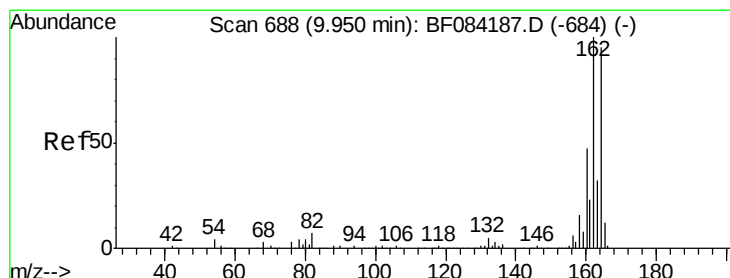
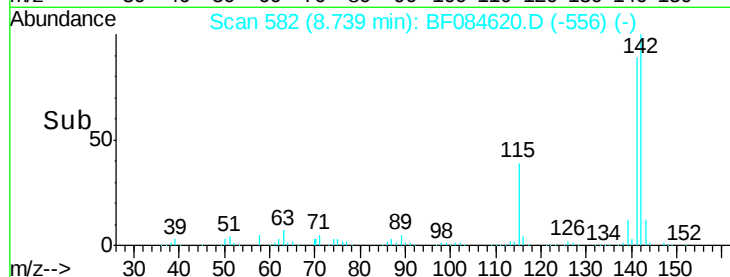
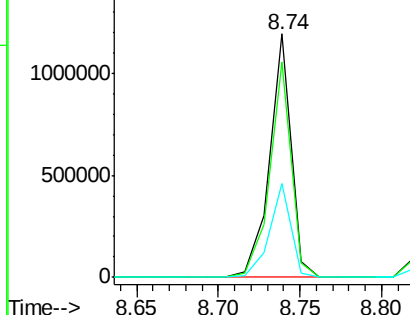
Tgt Ion:142 Resp: 1098263
Ion Ratio Lower Upper
142 100
141 88.7 72.4 108.6
115 38.6 27.9 41.9

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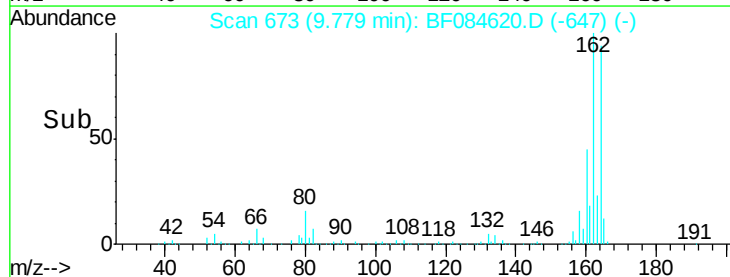
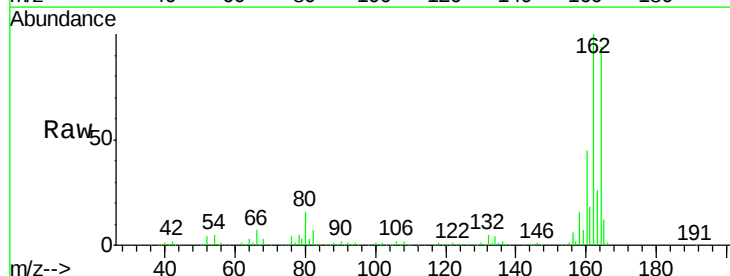
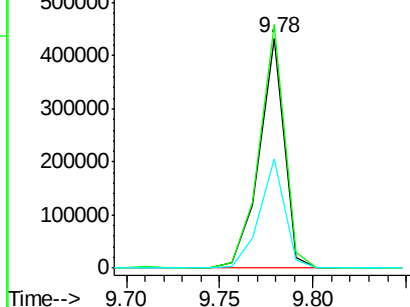
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

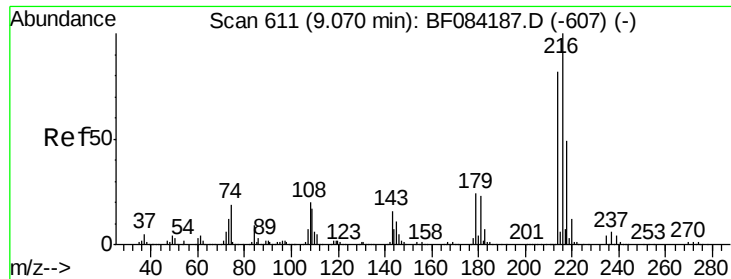


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion:164 Resp: 398314
Ion Ratio Lower Upper
164 100
162 106.0 85.1 127.7
160 47.8 37.5 56.3

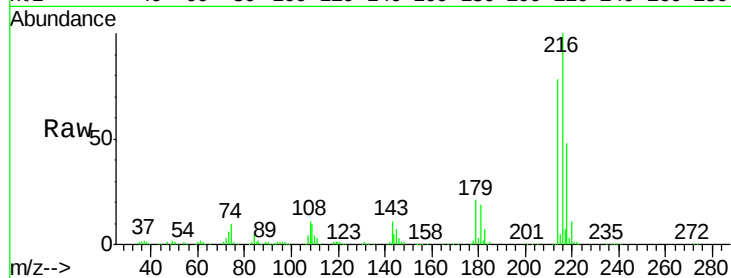
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.04 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

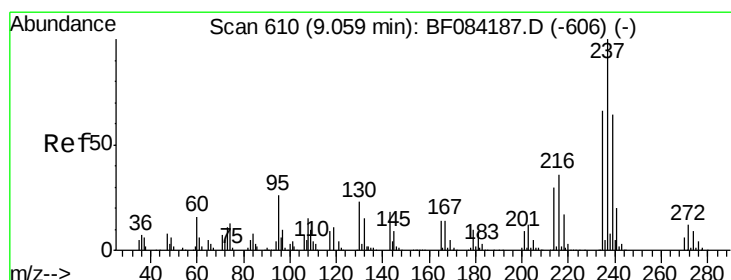
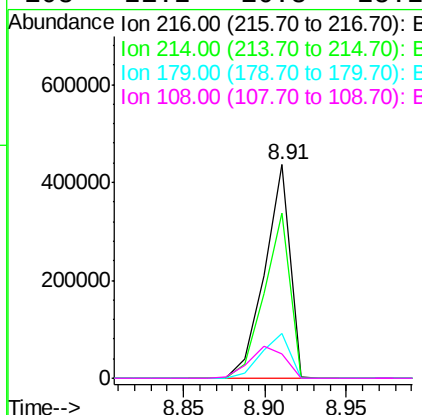
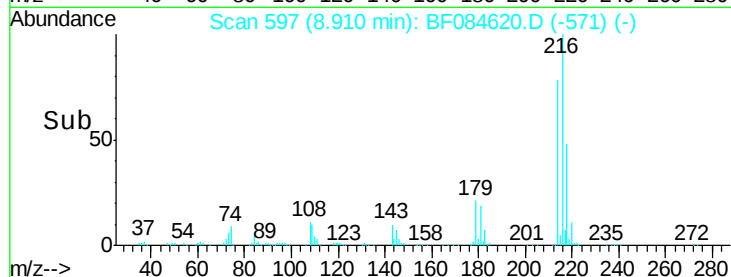
Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	469955		
214	79.1	64.2	96.2	
179	23.2	18.7	28.1	
108	21.2	16.8	25.2	

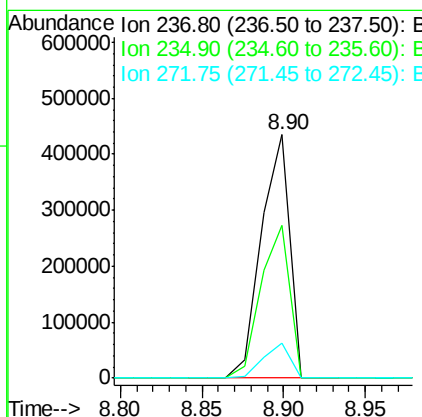
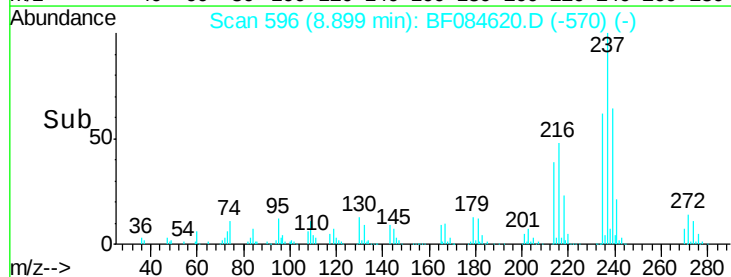
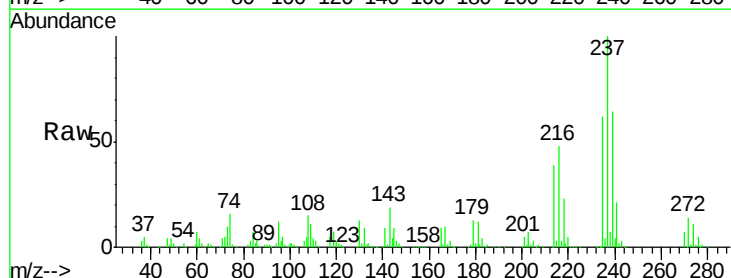
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#40
 Hexachlorocyclopentadiene
 Concen: 75.97 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	525171		
235	62.5	43.1	83.1	
272	14.5	0.0	35.1	





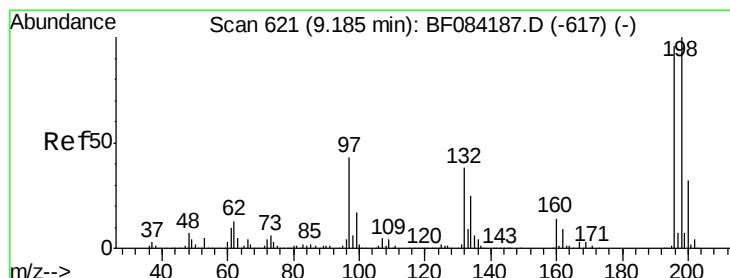
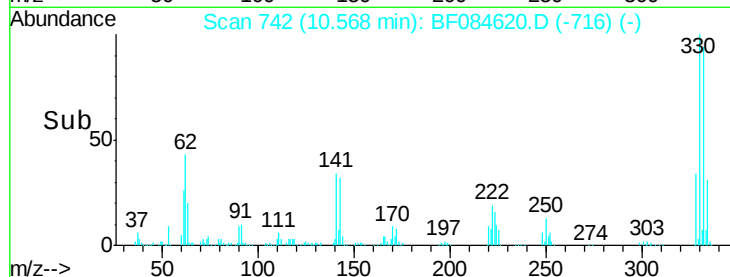
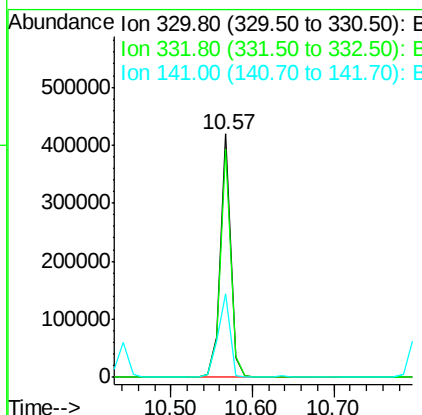
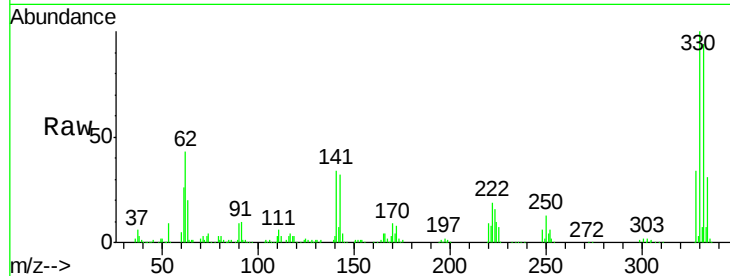
#41
 2,4,6-Tribromophenol
 Concen: 91.49 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	367899		
332	94.5	76.6	114.8	
141	40.3	27.8	41.6	

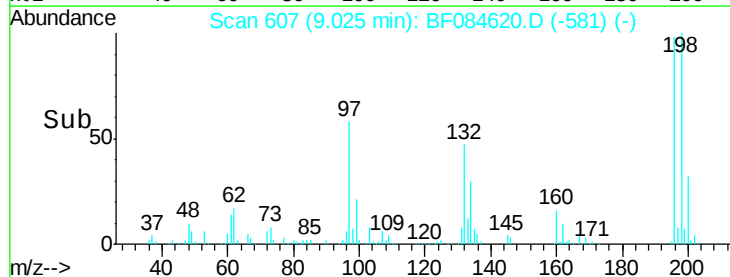
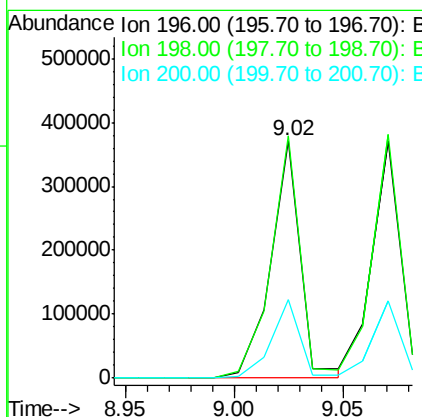
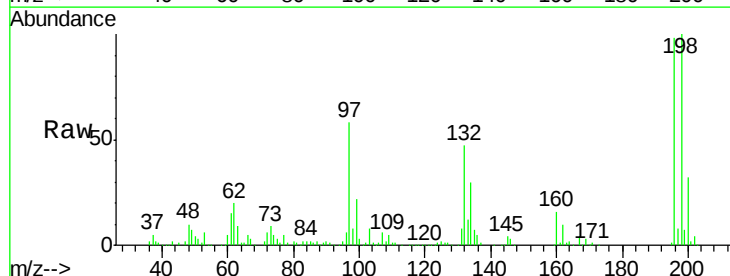
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#42
 2,4,6-Trichlorophenol
 Concen: 41.47 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

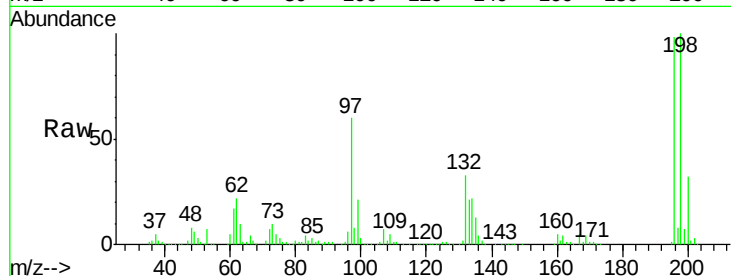
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	355258		
198	102.1	77.7	116.5	
200	32.8	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 41.60 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

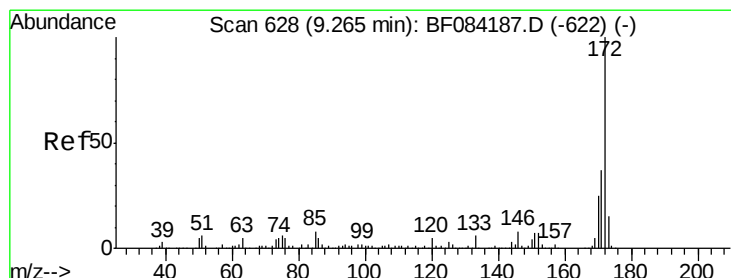
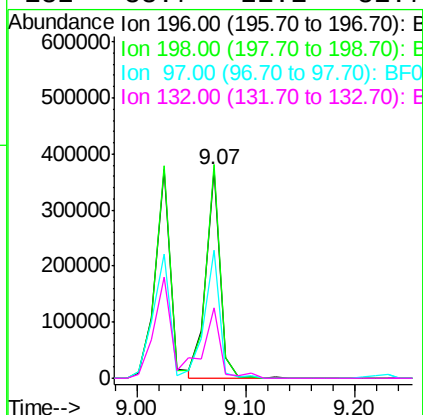
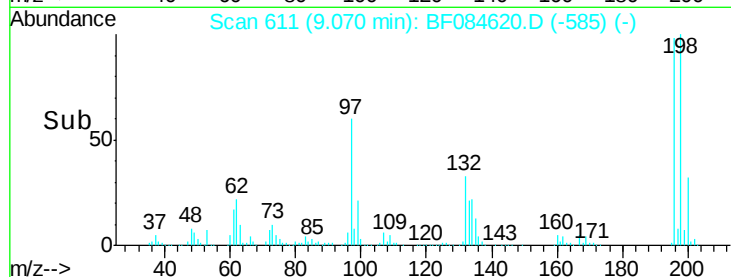
Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD



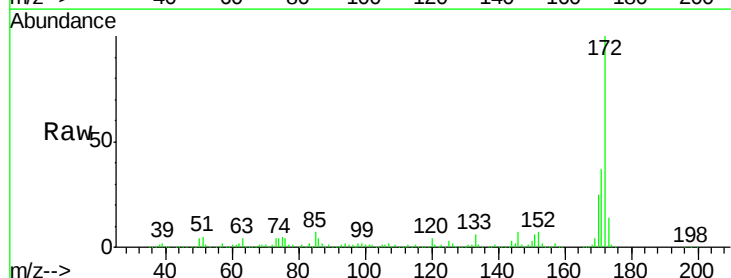
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	341672		
198	102.4	79.0	118.6	
97	61.2	33.0	49.6	
132	33.7	21.1	31.7	

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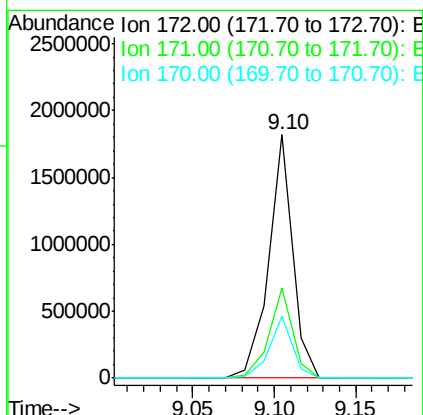
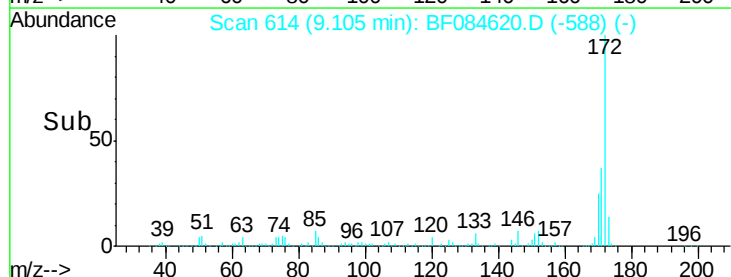
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 82.60 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1874369		
171	37.0	28.9	43.3	
170	25.3	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 44.62 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB87993BSD

Tgt Ion:154 Resp: 1412441

Ion Ratio Lower Upper

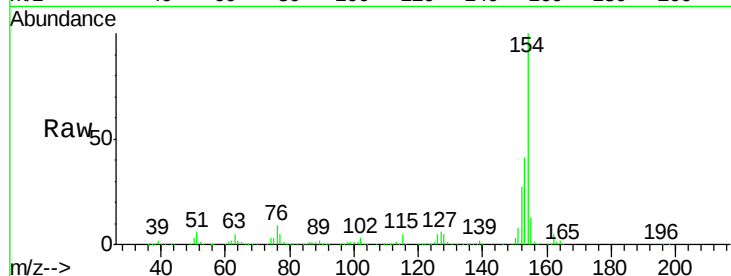
154 100

153 41.4 21.6 61.6

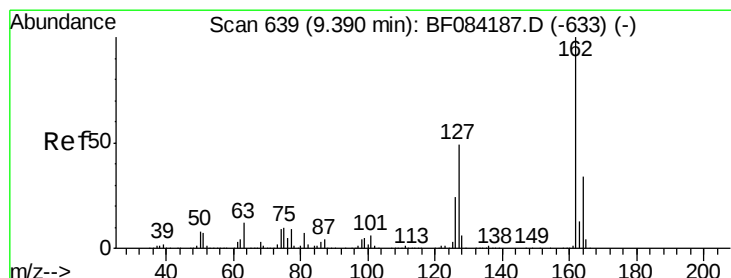
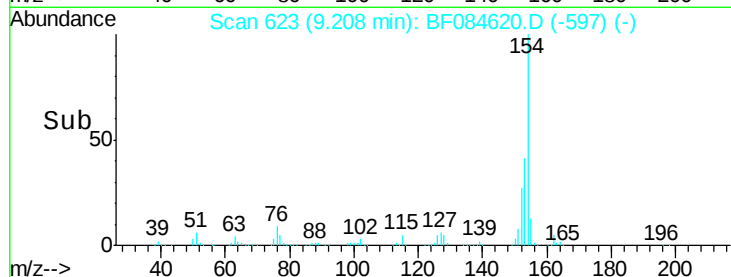
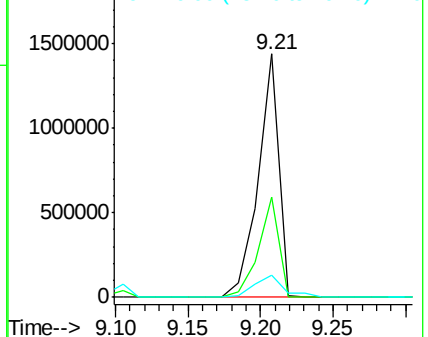
76 9.0 0.0 32.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.51 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

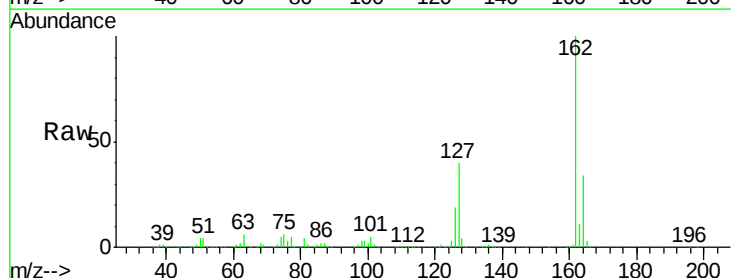
Tgt Ion:162 Resp: 1057083

Ion Ratio Lower Upper

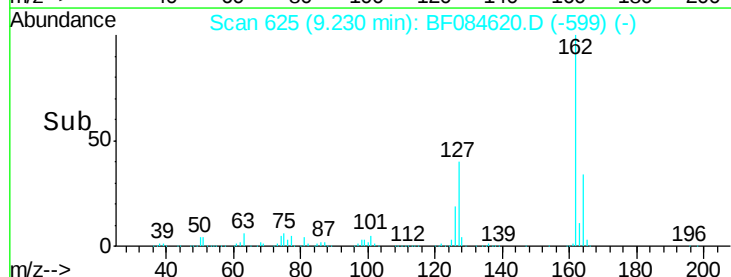
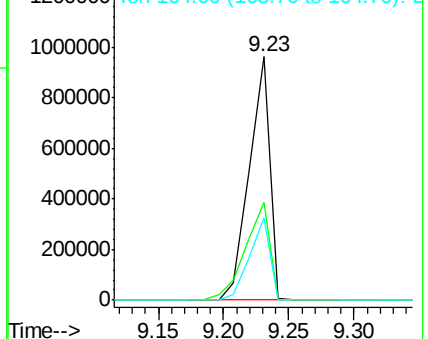
162 100

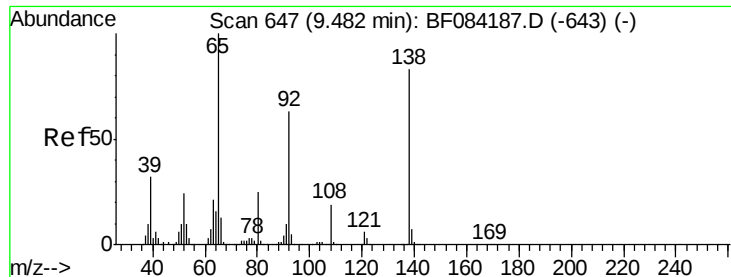
127 39.9 40.2 60.4#

164 33.7 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.10 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

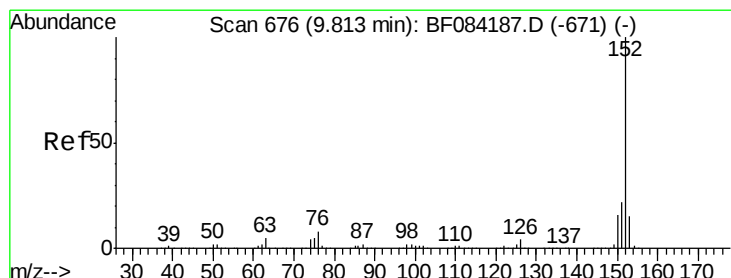
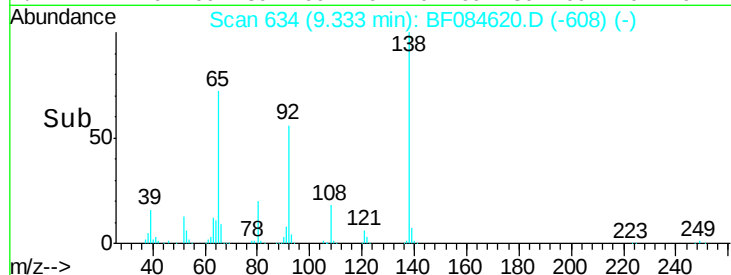
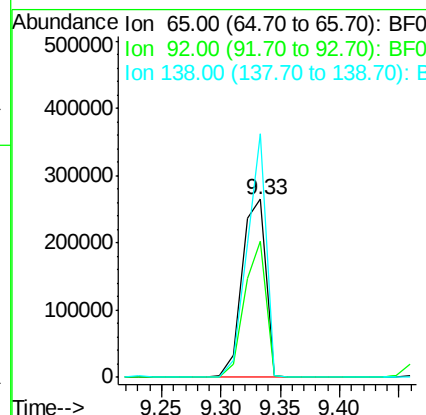
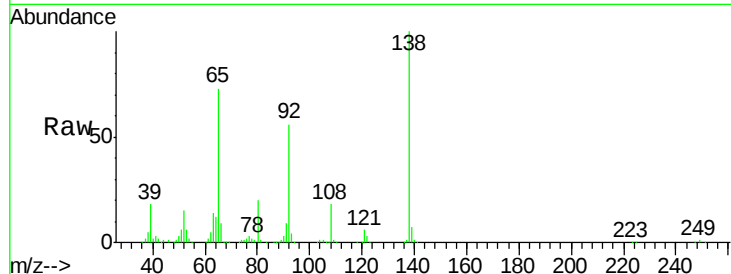
ClientSampleId :

PB87993BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.5	53.4	80.2
138	136.8	71.1	106.7

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#48

Acenaphthylene

Concen: 43.22 ng

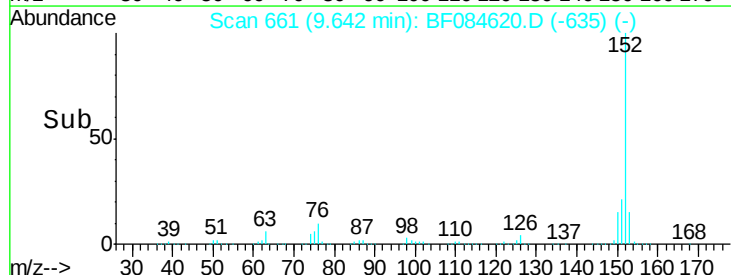
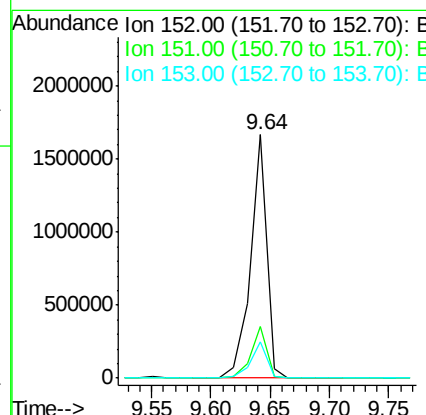
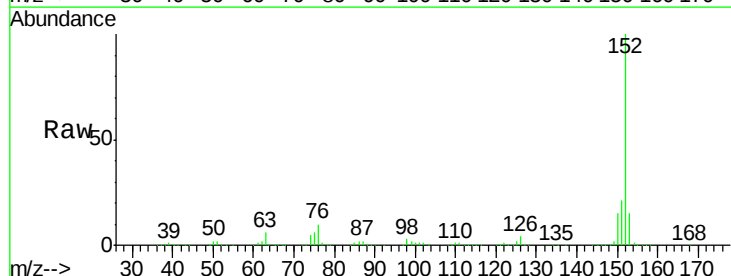
RT: 9.64 min Scan# 661

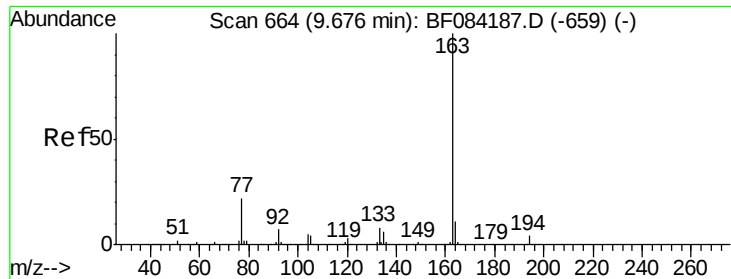
Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	14.9	10.4	15.6





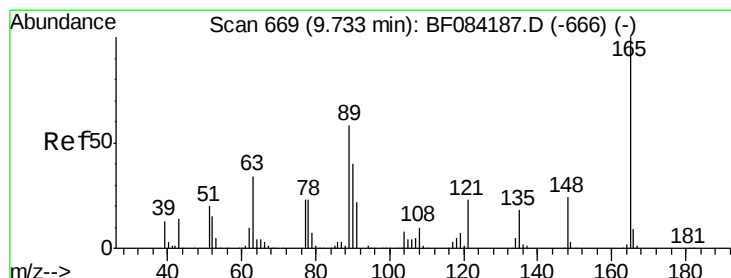
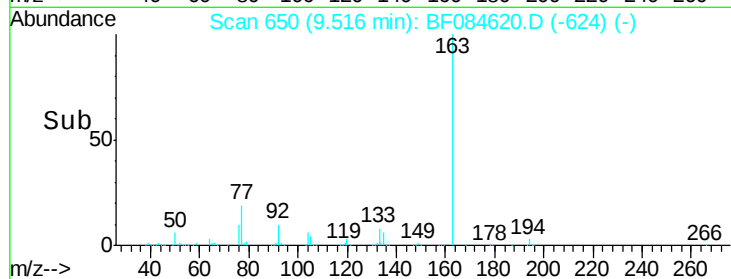
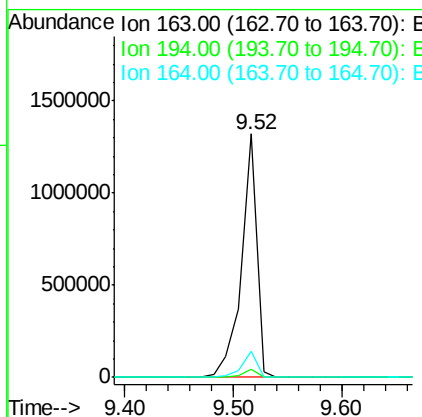
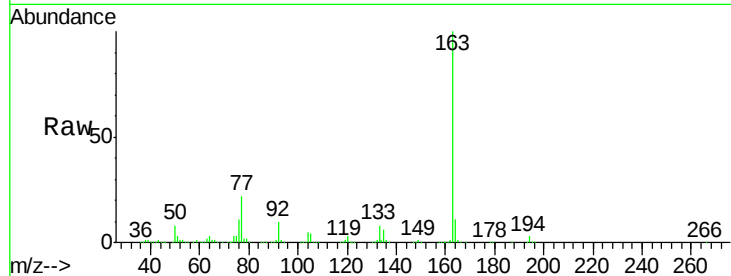
#49
Dimethylphthalate
Concen: 44.66 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion:163 Resp: 1271639
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.7 8.0 12.0

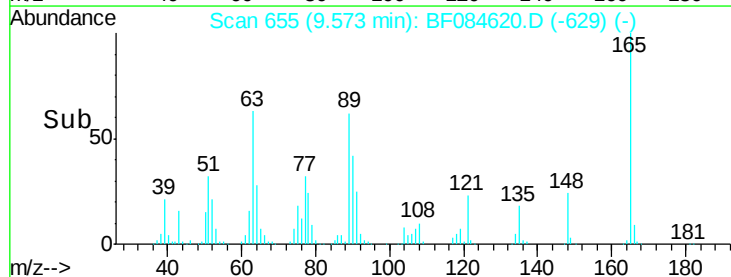
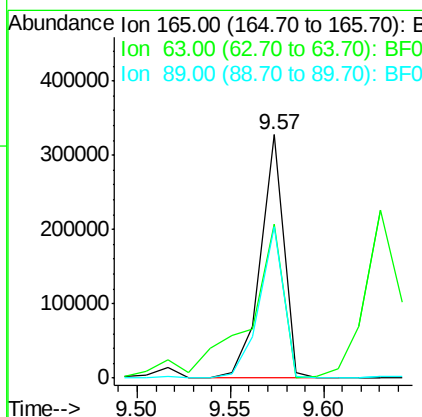
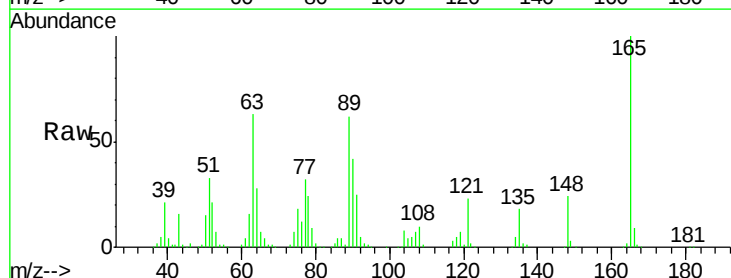
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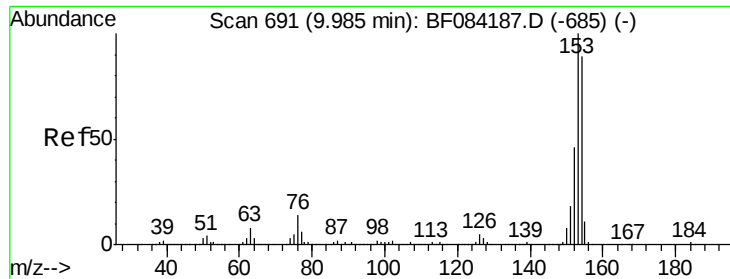
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#50
2,6-Dinitrotoluene
Concen: 45.30 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion:165 Resp: 282922
Ion Ratio Lower Upper
165 100
63 63.2 28.8 43.2#
89 62.2 35.1 52.7#





#51

Acenaphthene

Concen: 43.08 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084620.D

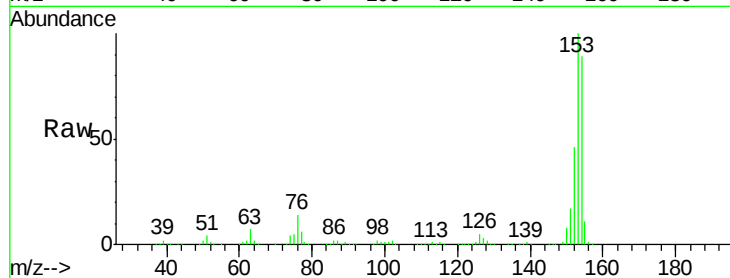
Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB87993BSD



Tgt Ion:154 Resp: 1061572

Ion Ratio Lower Upper

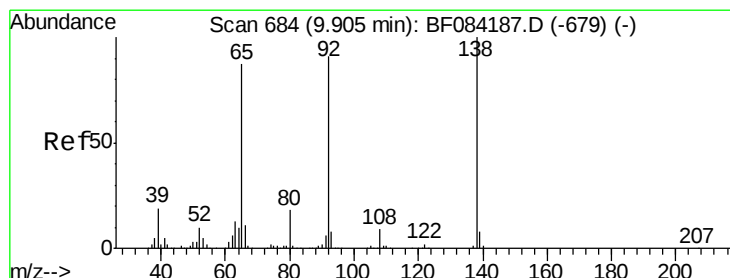
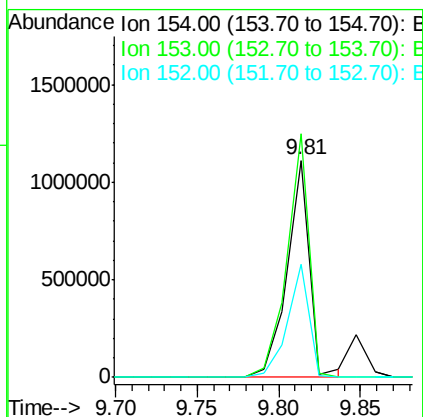
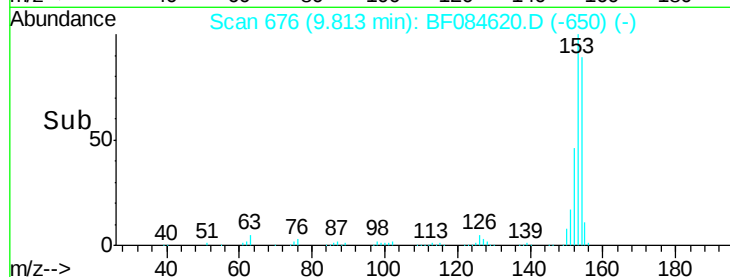
154 100

153 112.3 91.5 137.3

152 52.2 43.0 64.6

Manual Integrations
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#52

3-Nitroaniline

Concen: 14.81 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

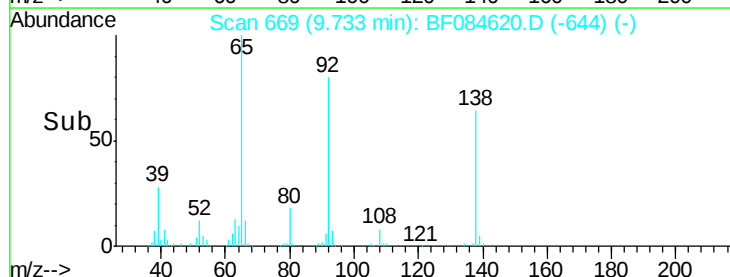
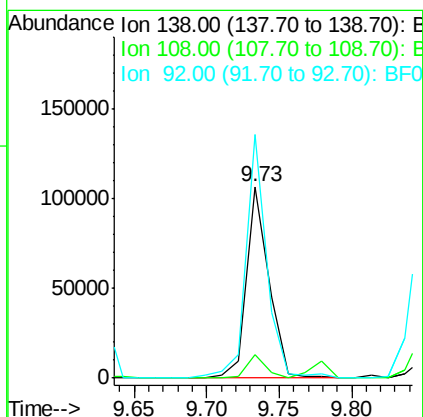
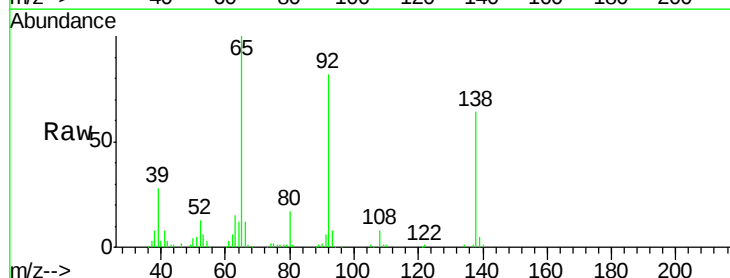
Tgt Ion:138 Resp: 114594

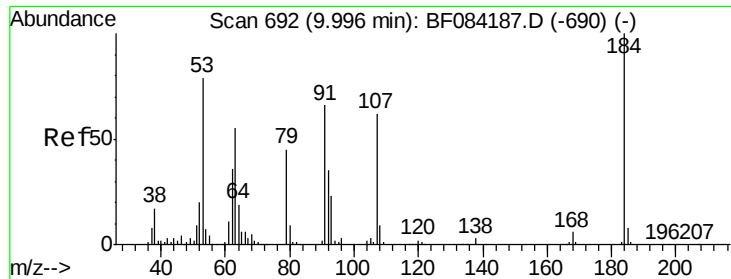
Ion Ratio Lower Upper

138 100

108 12.4 10.5 15.7

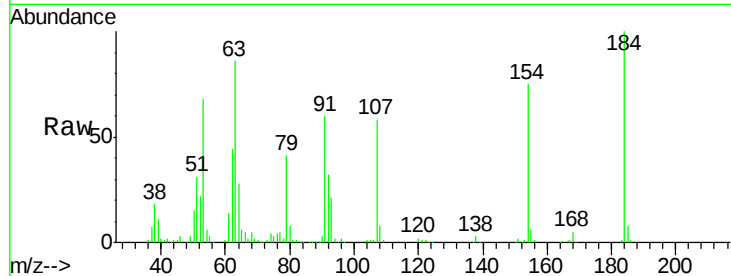
92 127.2 103.9 155.9





#53
2,4-Dinitrophenol
Concen: 103.02 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

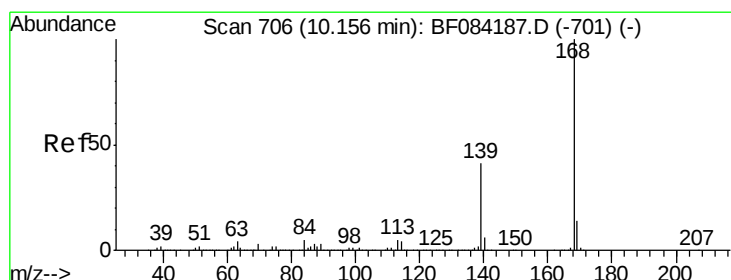
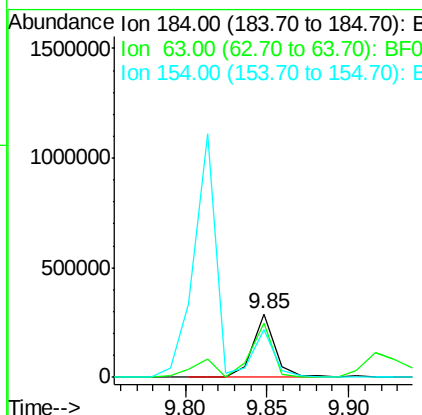
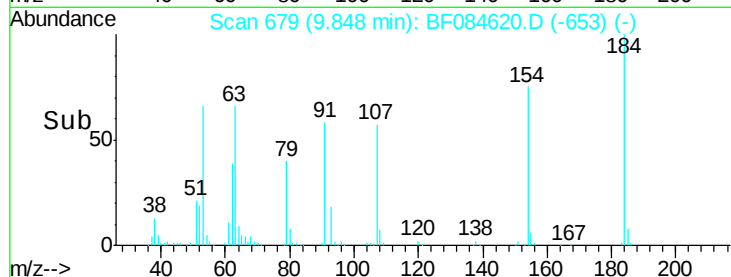
Instrument :
BNA_F
ClientSampleId :
PB87993BSD



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	276925		
63	85.6	43.1	64.7#	
154	74.8	60.5	90.7	

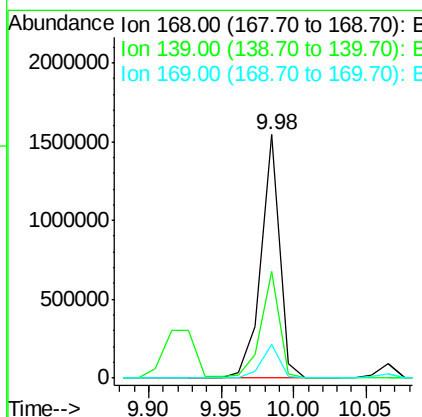
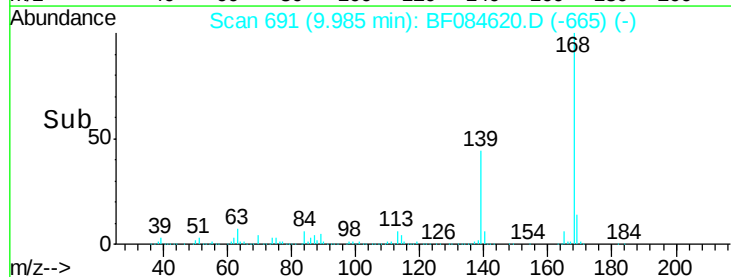
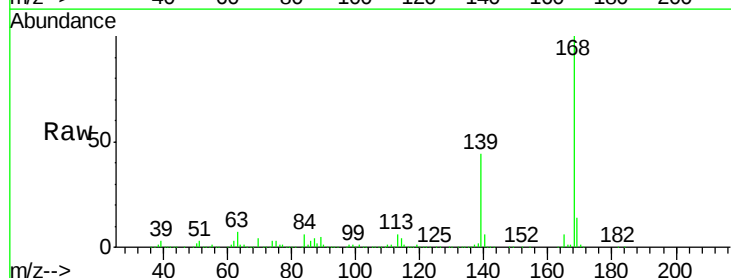
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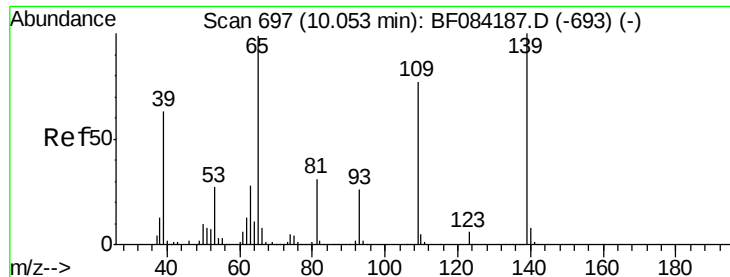
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#54
Dibenzofuran
Concen: 43.02 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1377162		
139	44.0	30.5	45.7	
169	14.0	10.4	15.6	





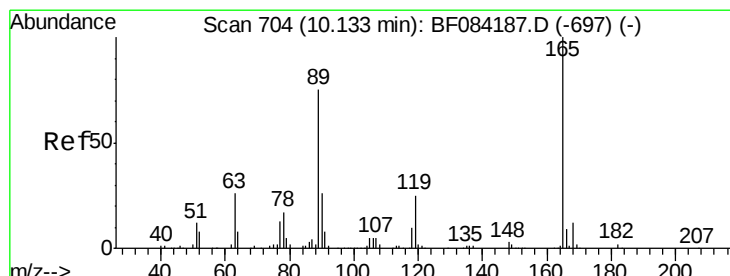
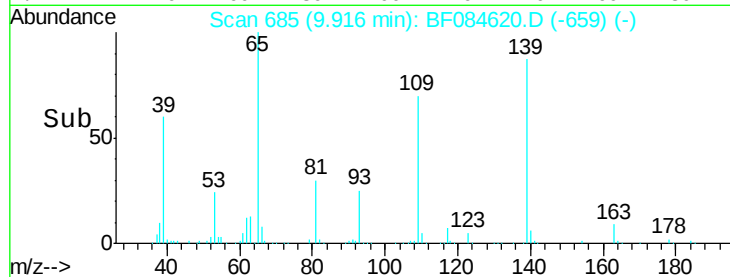
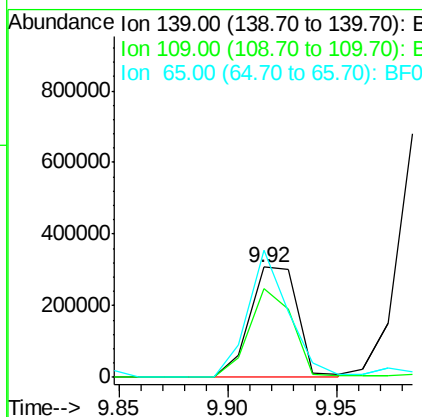
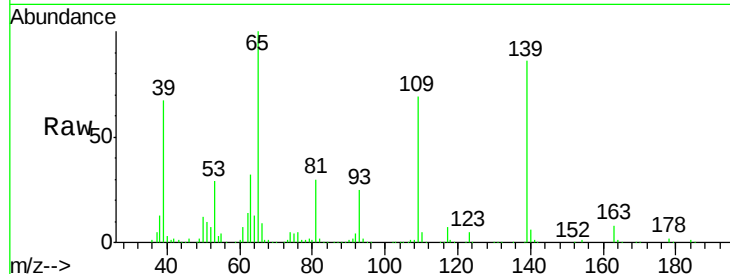
#55
4-Nitrophenol
Concen: 84.01 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	471936		
109	80.6	58.5	98.5	
65	116.0	57.6	97.6	

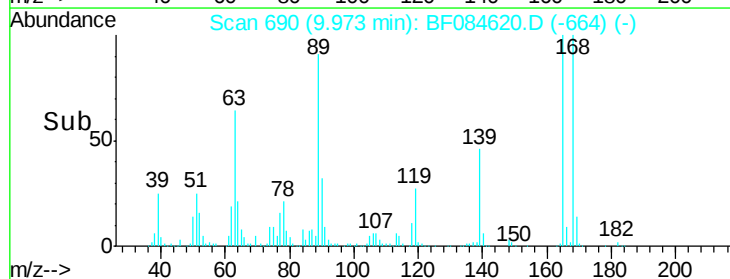
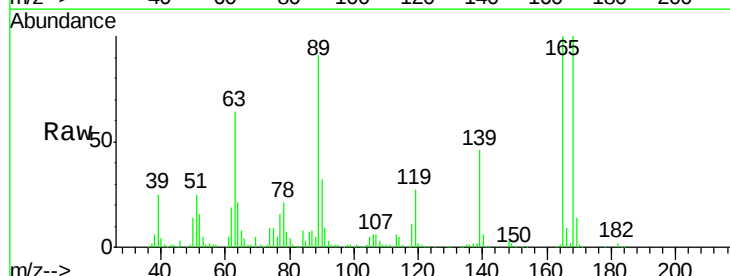
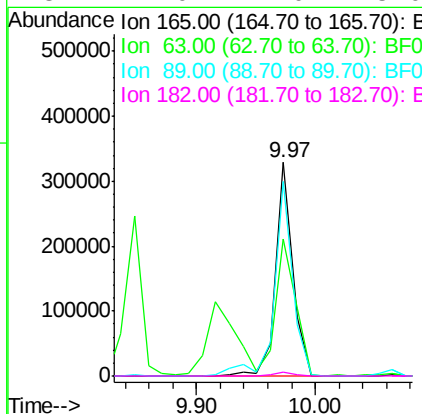
Manual Integrations
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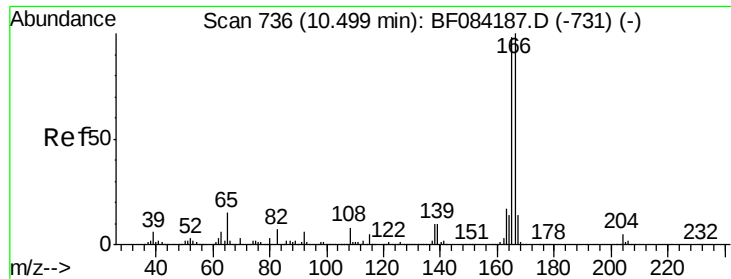
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#56
2,4-Dinitrotoluene
Concen: 41.89 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	331088		
63	64.1	36.7	55.1	
89	91.1	61.9	92.9	
182	2.0	2.0	3.0	





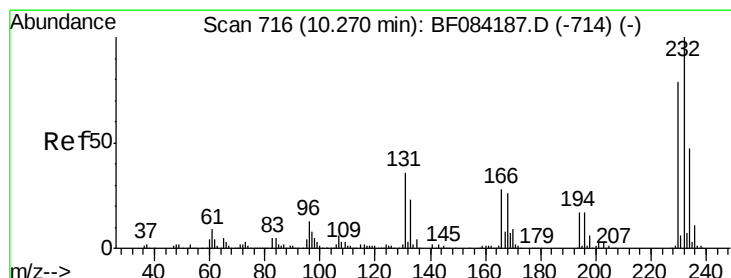
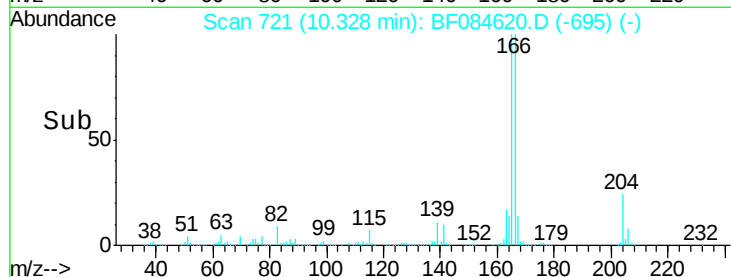
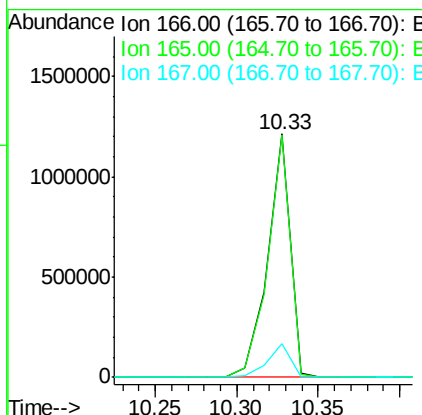
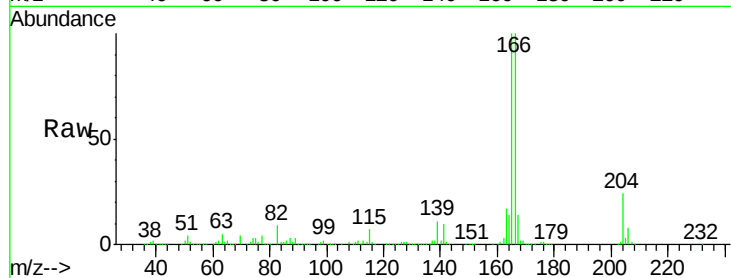
#57
 Fluorene
 Concen: 47.50 ng
 RT: 10.33 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

Manual Integrations
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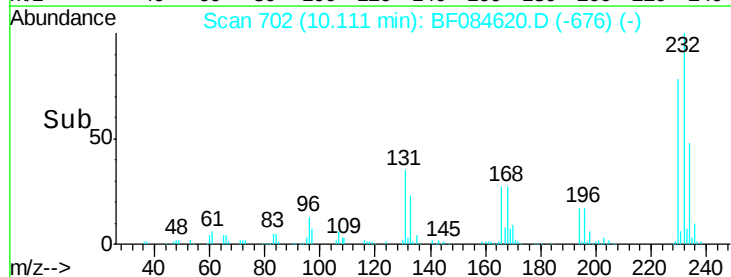
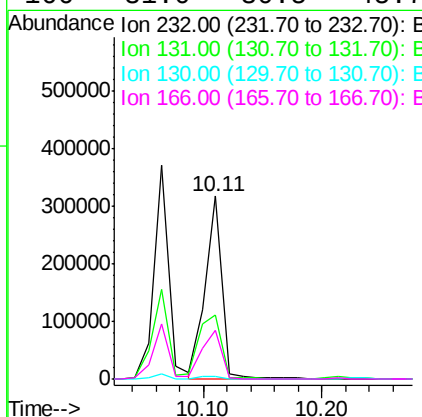
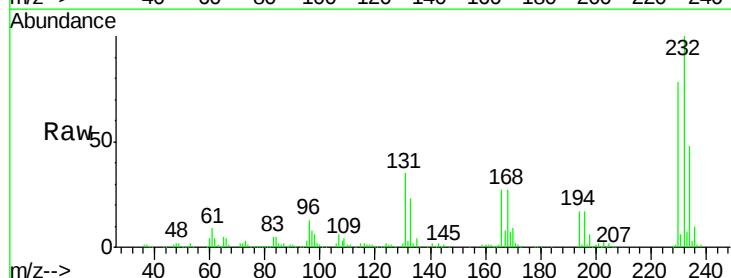
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.1	118.7
167	13.8	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.38 ng
 RT: 10.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.4	47.0	70.6
130	2.2	2.0	3.0
166	31.0	30.5	45.7





#59

Diethylphthalate

Concen: 46.12 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB87993BSD

Tgt Ion:149 Resp: 1294867

Ion Ratio Lower Upper

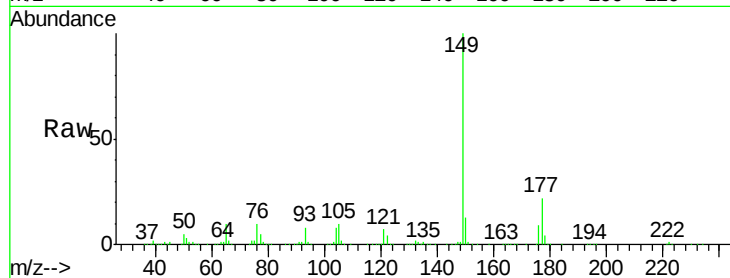
149 100

177 22.5 17.3 25.9

150 12.8 9.8 14.8

Manual Integrations
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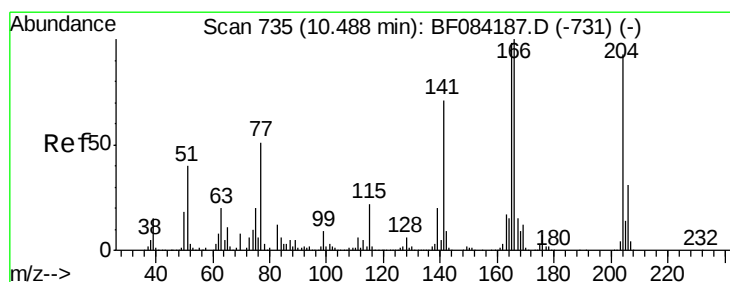
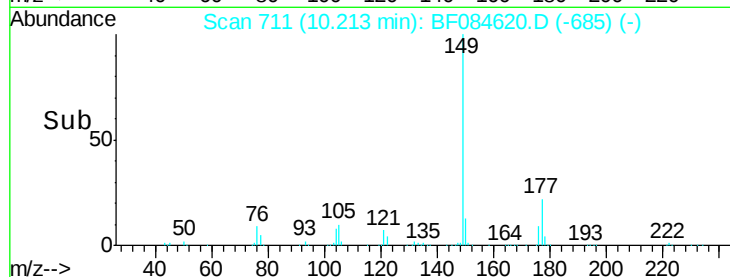
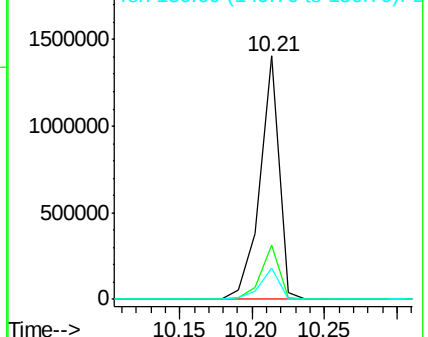
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.06 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

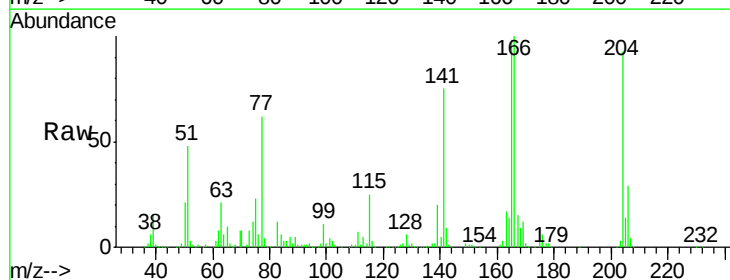
Tgt Ion:204 Resp: 486227

Ion Ratio Lower Upper

204 100

206 31.3 25.7 38.5

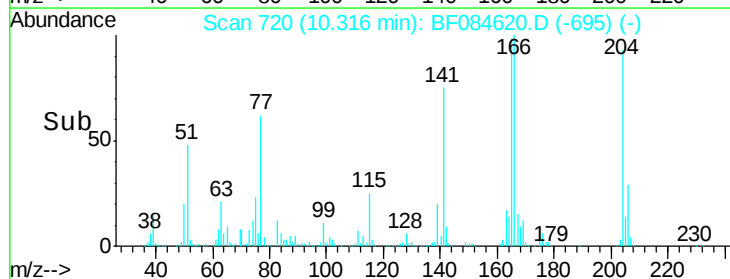
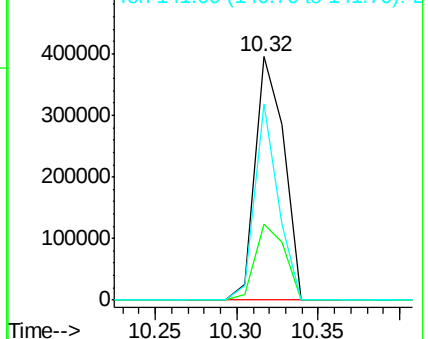
141 80.7 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.00 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

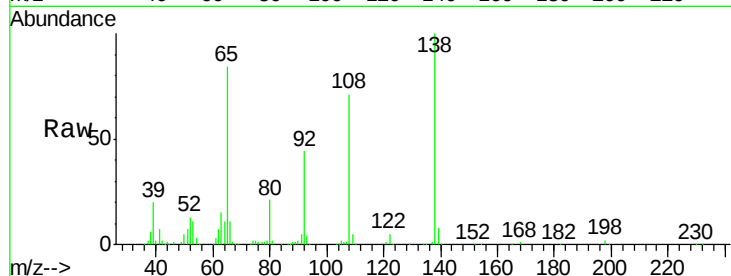
ClientSampleId :

PB87993BSD

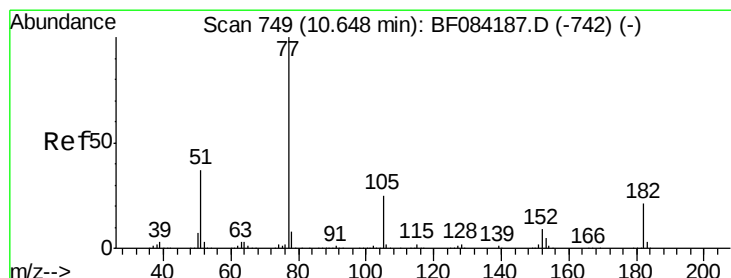
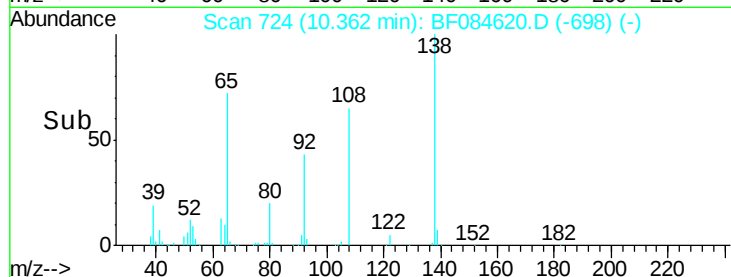
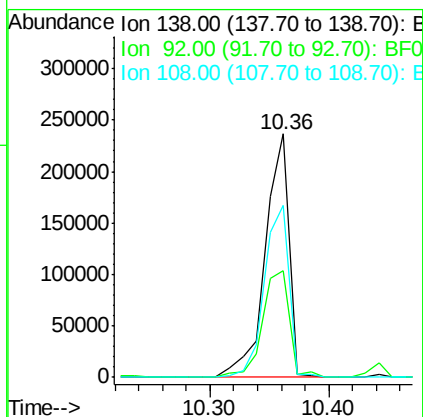
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Tgt Ion:	138	Resp:	331153
Ion Ratio	Lower	Upper	
138	100		
92	43.6	32.6	72.6
108	70.7	68.6	108.6



#62

Azobenzene

Concen: 39.75 ng

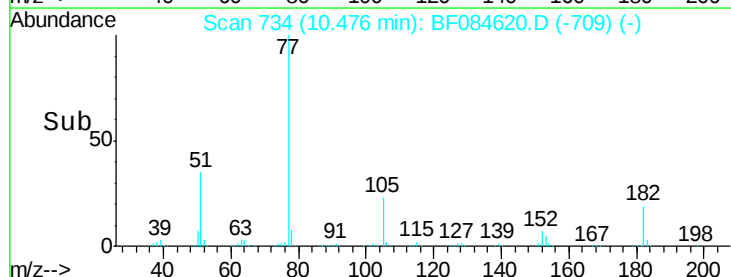
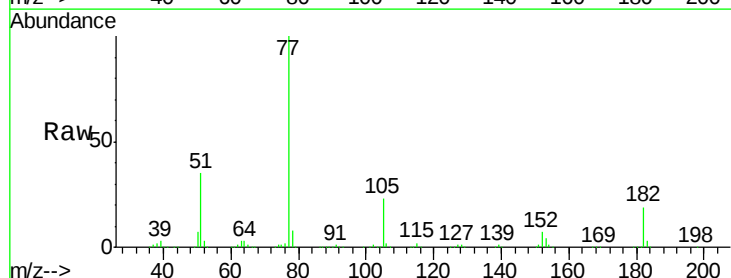
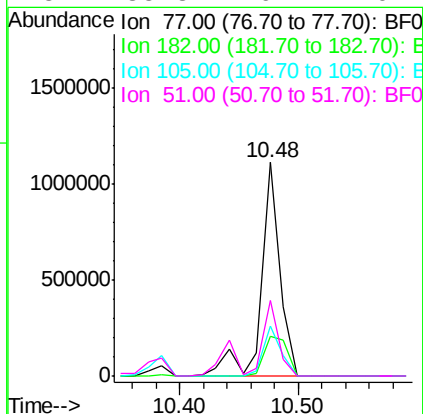
RT: 10.48 min Scan# 734

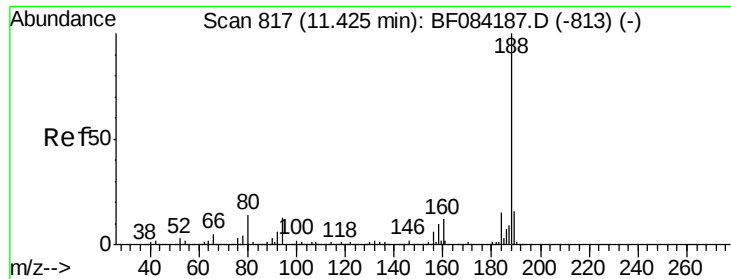
Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion:	77	Resp:	1223912
Ion Ratio	Lower	Upper	
77	100		
182	18.5	8.3	48.3
105	23.3	4.6	44.6
51	35.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084620.D

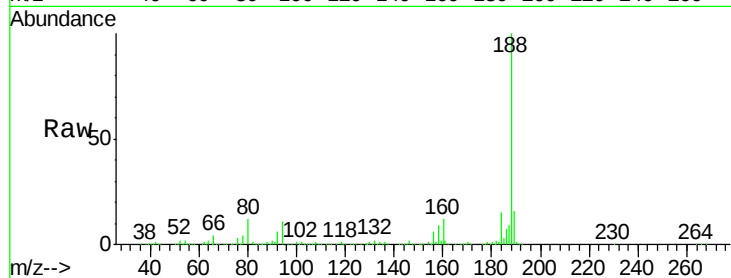
Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

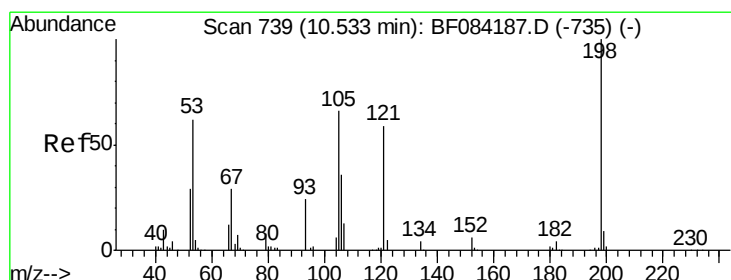
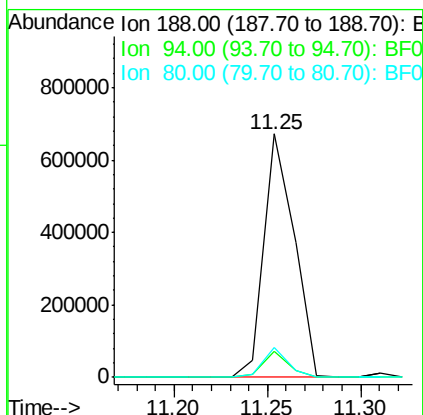
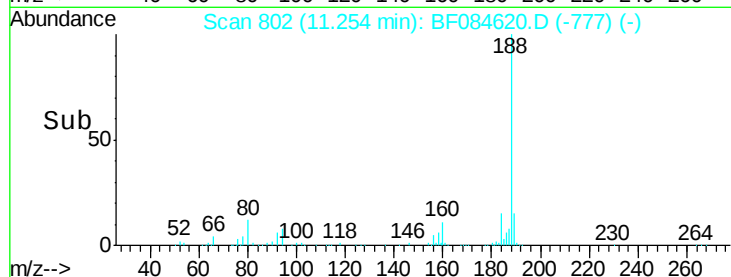
PB87993BSD



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	754079		
94	10.7	9.0	13.4	
80	12.3	9.6	14.4	

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#64

4,6-Dinitro-2-methylphenol

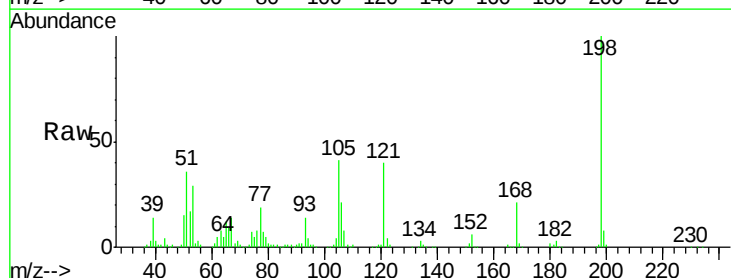
Concen: 52.37 ng

RT: 10.38 min Scan# 726

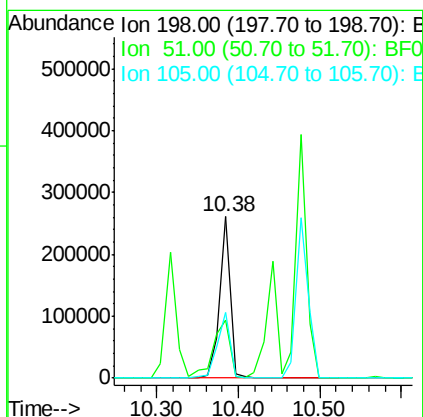
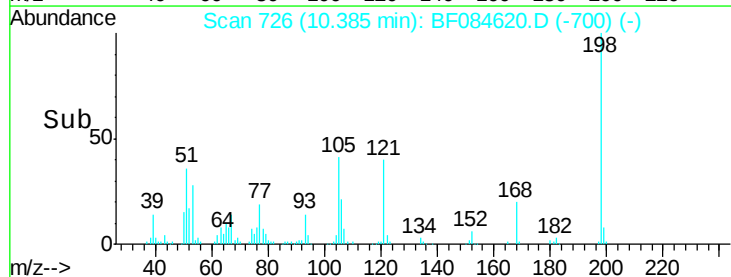
Delta R.T. 0.00 min

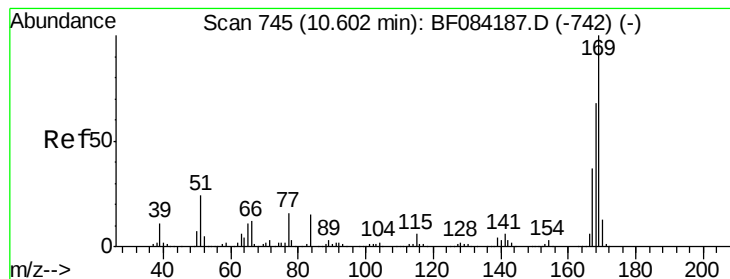
Lab File: BF084620.D

Acq: 27 Jan 2016 14:43



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	236900		
51	35.8	18.9	58.9	
105	40.8	26.4	66.4	





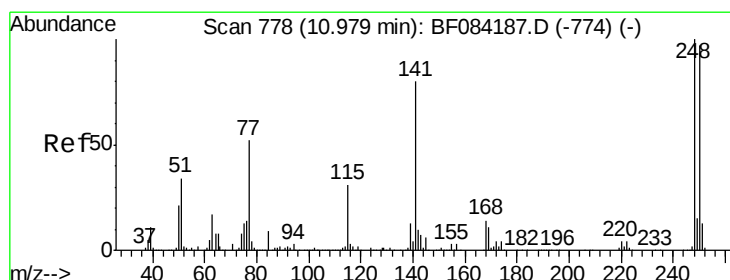
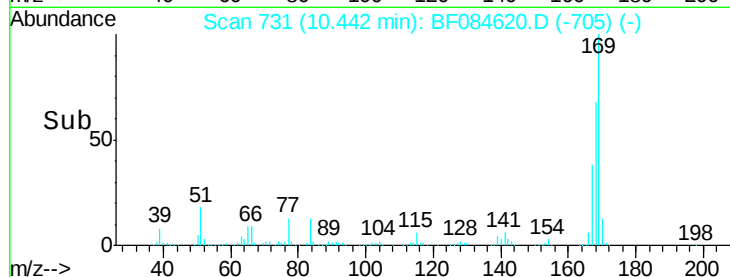
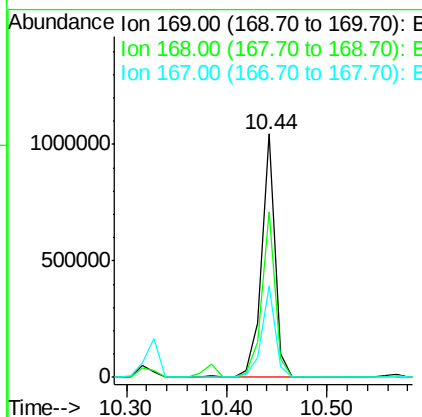
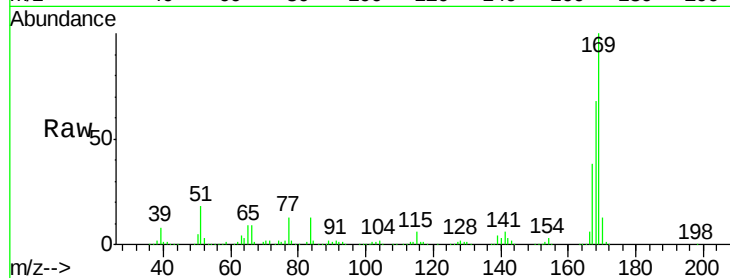
#65
n-Nitrosodiphenylamine
Concen: 40.26 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	970734		
168	68.0		55.1	82.7
167	37.6		30.0	45.0

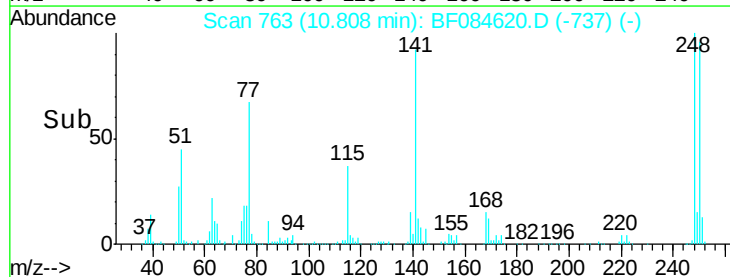
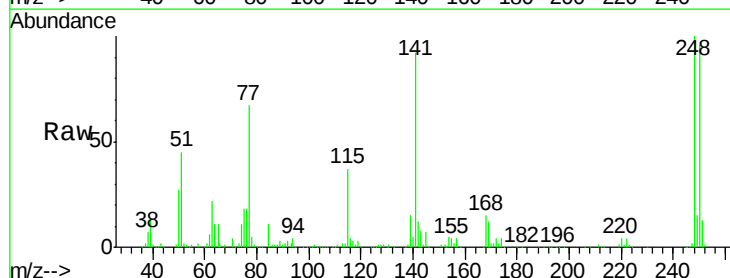
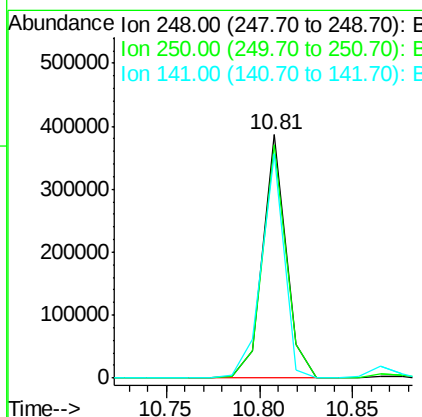
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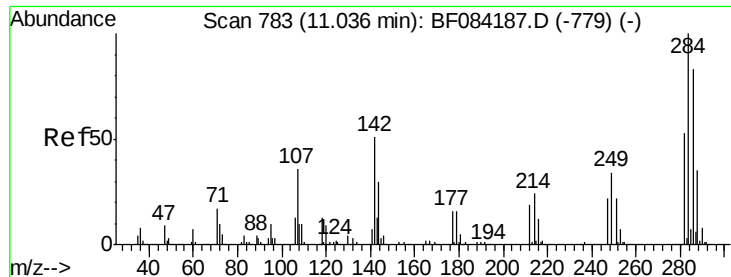
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#66
4-Bromophenyl-phenylether
Concen: 41.18 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	334261		
250	96.0		78.4	117.6
141	92.2		44.0	66.0





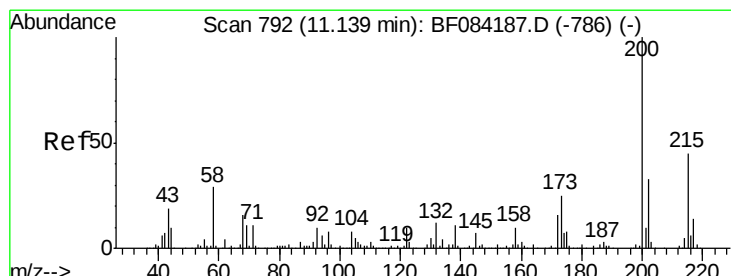
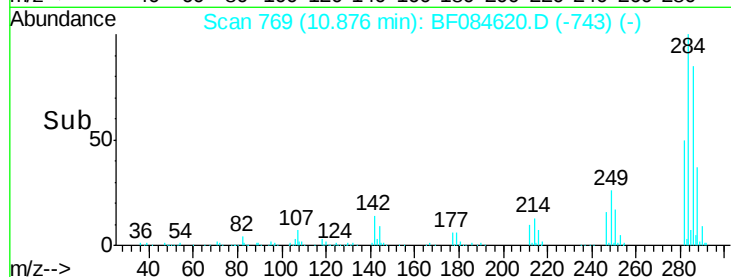
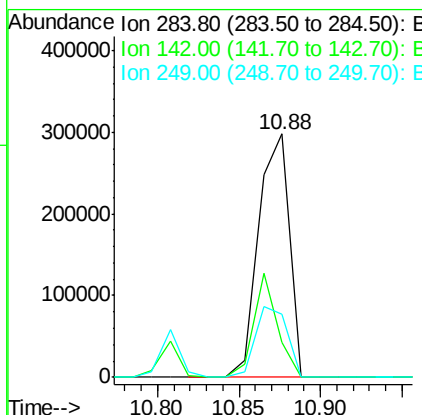
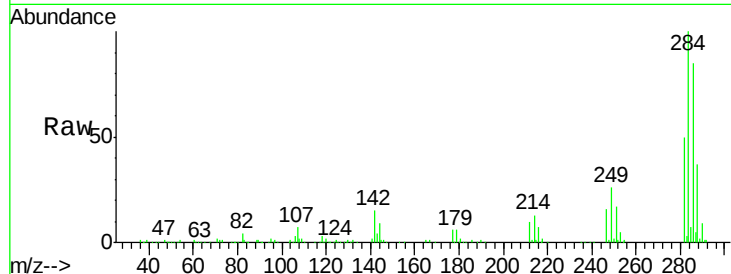
#67
Hexachlorobenzene
Concen: 42.68 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	389894		
142	14.6	22.2	33.4#	
249	25.7	24.6	37.0	

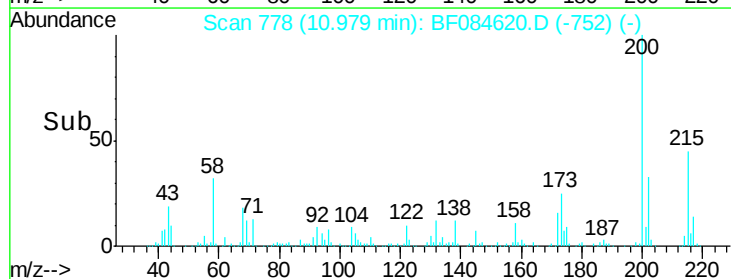
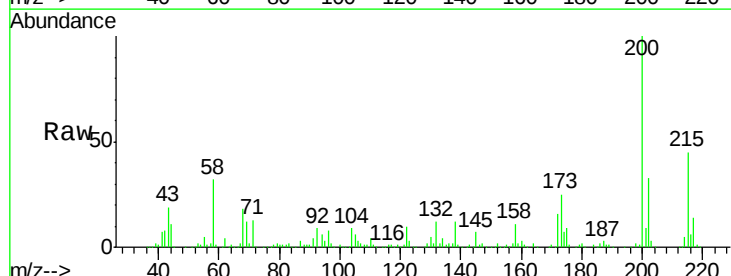
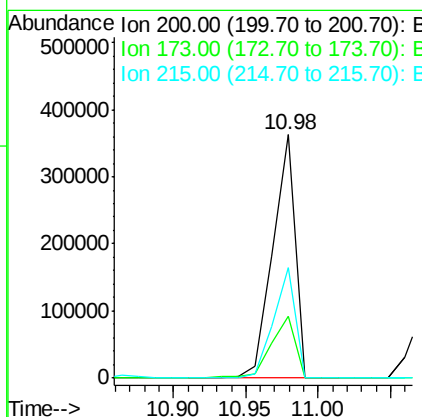
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#68
Atrazine
Concen: 49.40 ng
RT: 10.98 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	389724		
173	25.5	9.5	49.5	
215	45.4	23.8	63.8	





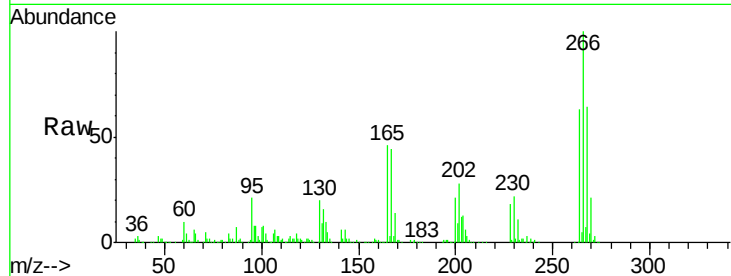
#69
 Pentachlorophenol
 Concen: 87.43 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

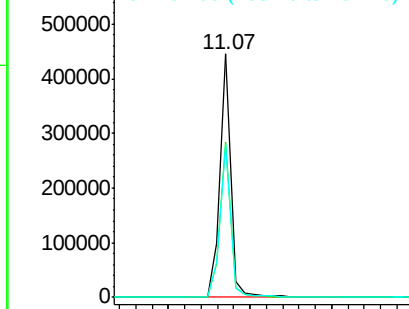
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.4	78.6
264	63.0	50.2	75.2

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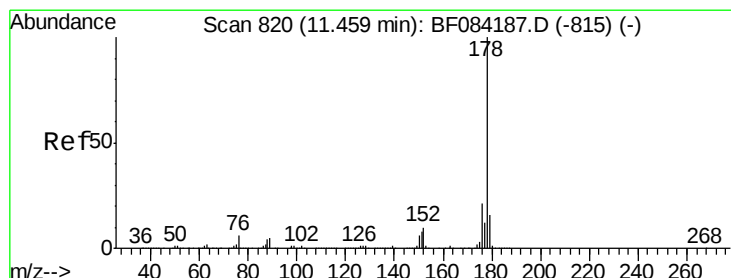
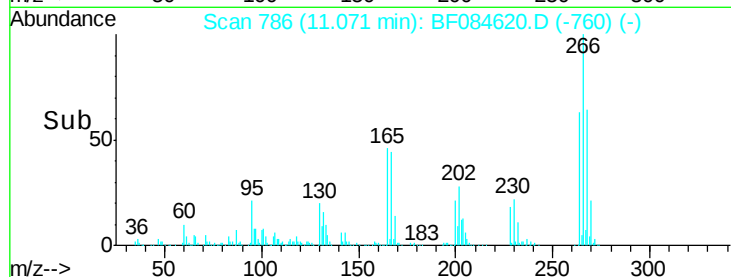
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Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

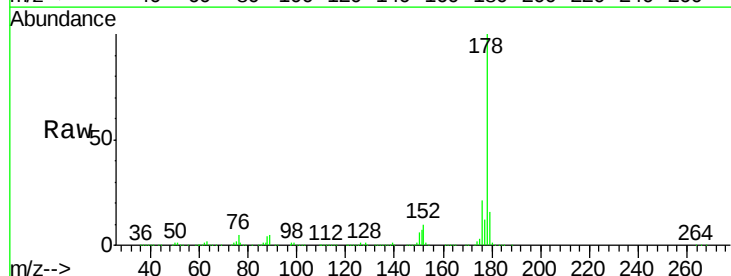


Time-->

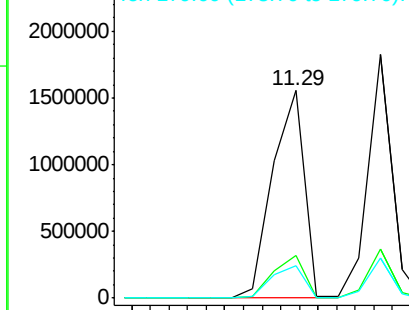


#70
 Phenanthrene
 Concen: 46.62 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

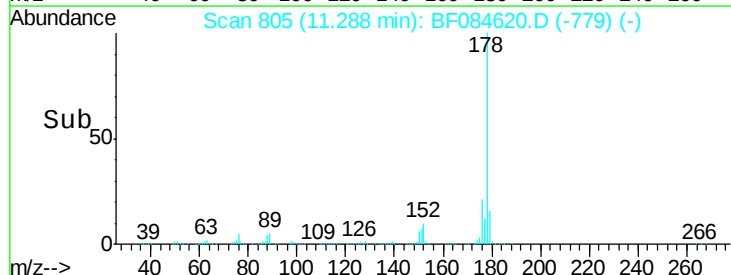
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	15.9	12.0	18.0

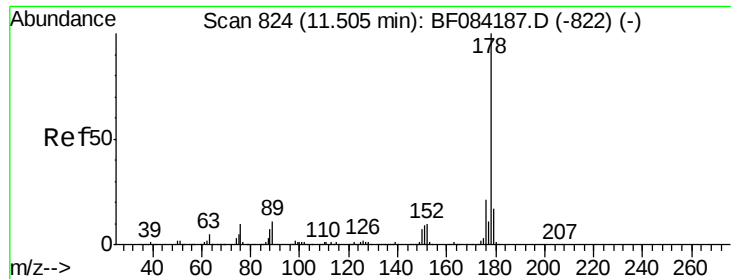


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#71

Anthracene

Concen: 41.83 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:178 Resp: 1617256

Ion Ratio Lower Upper

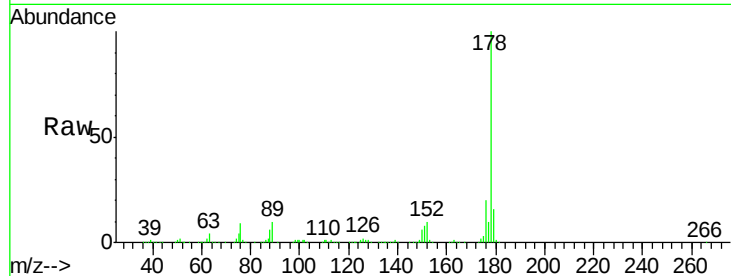
178 100

176 19.9 15.4 23.0

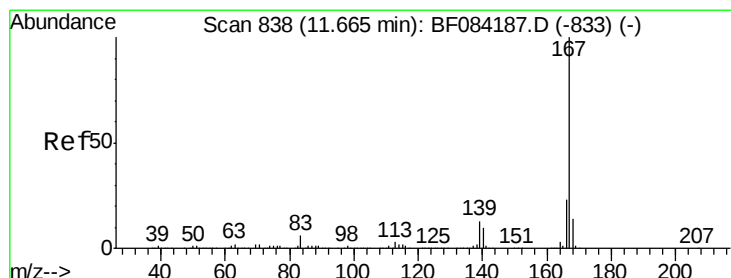
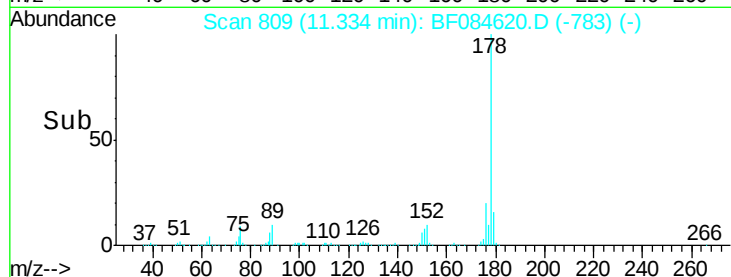
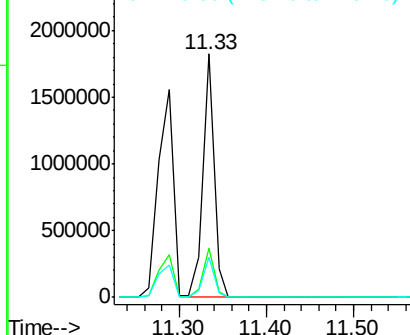
179 16.4 12.5 18.7

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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: 41.50 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

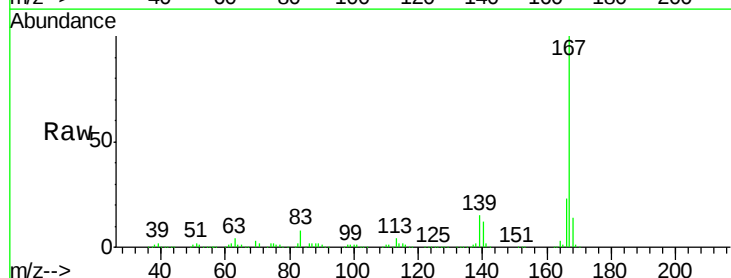
Tgt Ion:167 Resp: 1568552

Ion Ratio Lower Upper

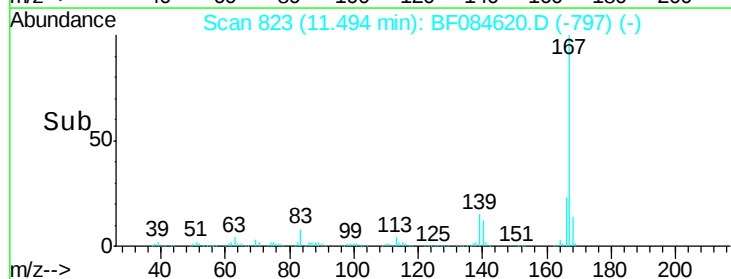
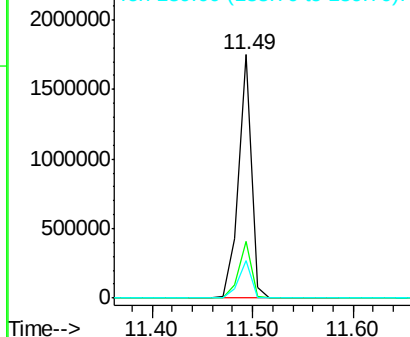
167 100

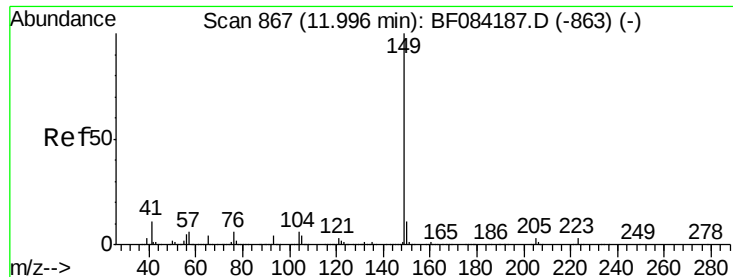
166 23.1 17.6 26.4

139 15.4 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.37 ng

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

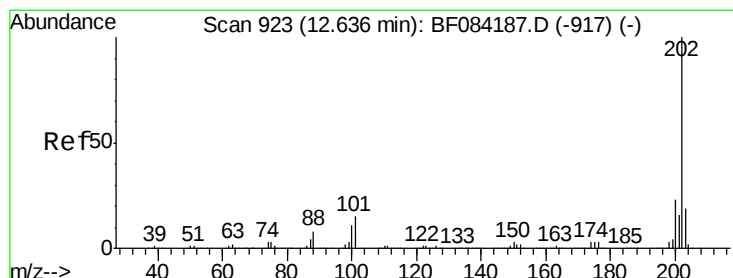
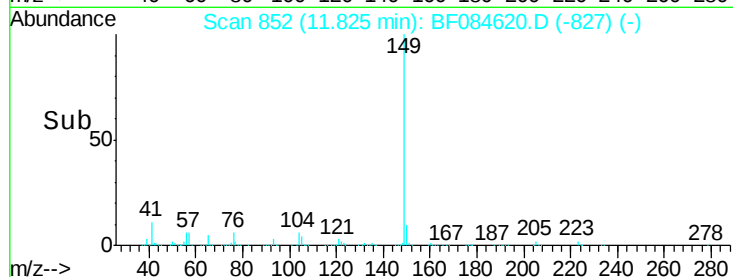
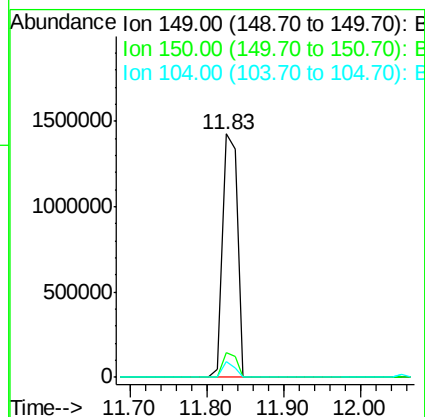
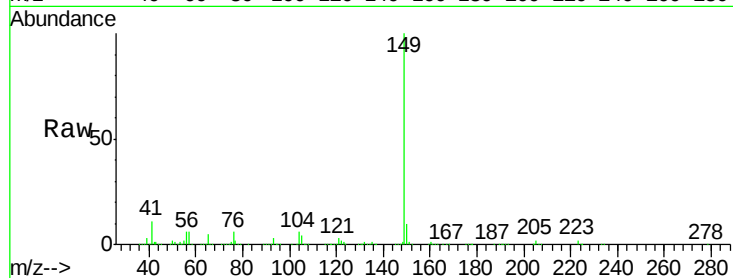
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.1	10.7
104	6.3	3.2	4.8



#74

Fluoranthene

Concen: 41.41 ng

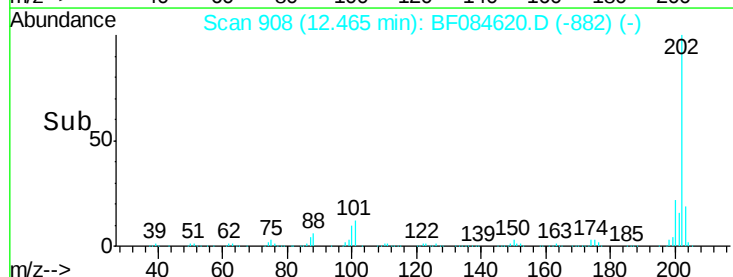
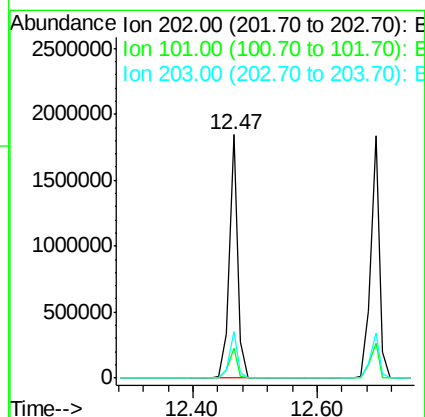
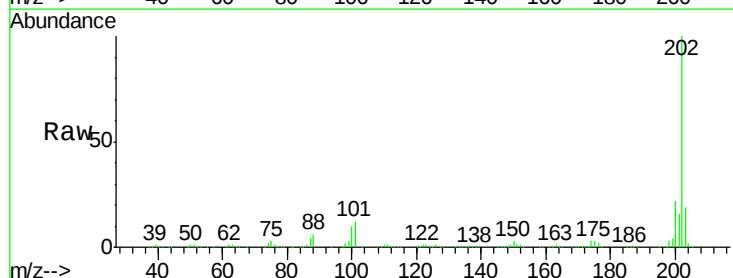
RT: 12.47 min Scan# 908

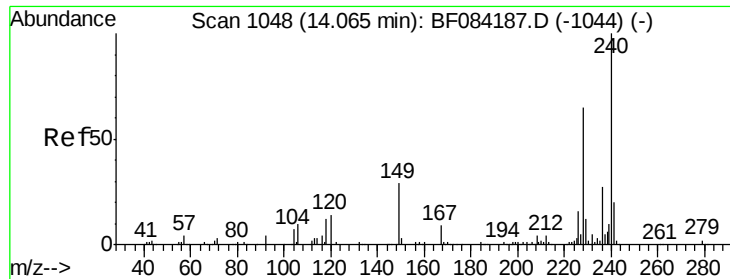
Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.8
203	18.9	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

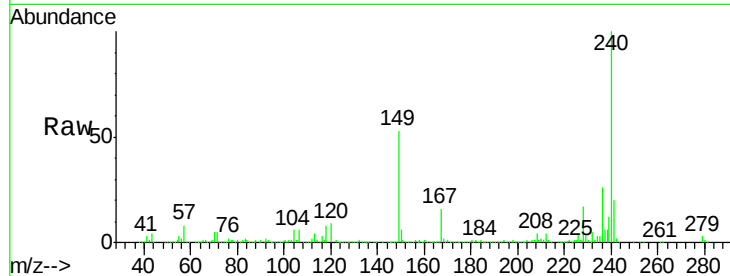
ClientSampleId :

PB87993BSD

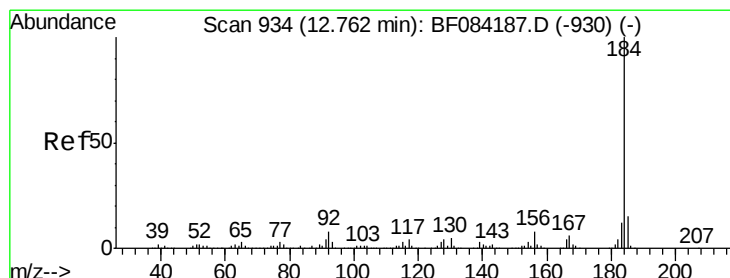
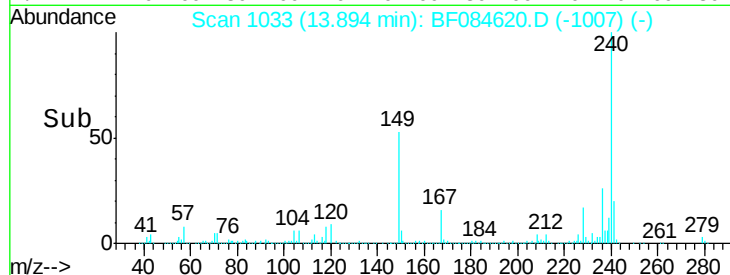
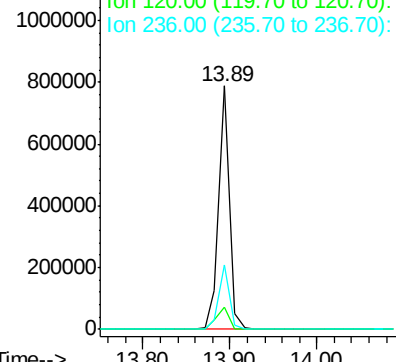
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	672672		
120	9.0	9.5	14.3#	
236	26.3	20.6	31.0	

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Abundance Ion 240.00 (239.70 to 240.70): E



#76

Benzidine

Concen: 29.89 ng

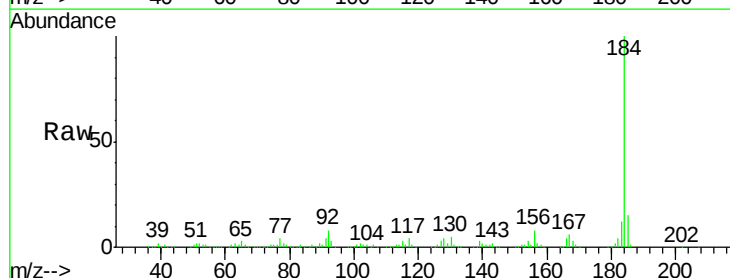
RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

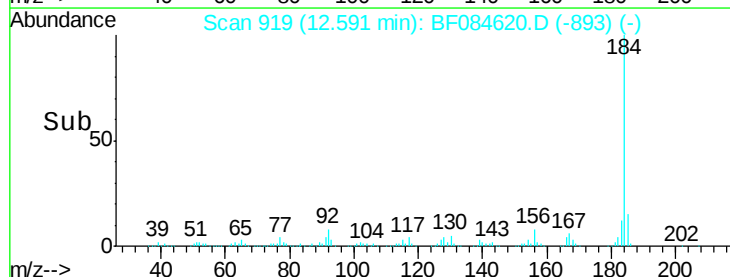
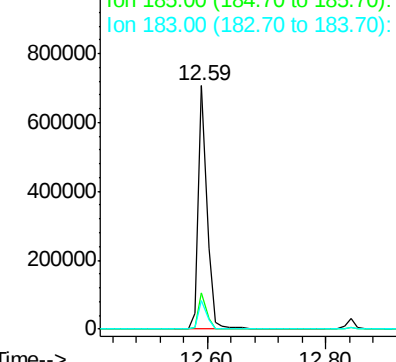
Lab File: BF084620.D

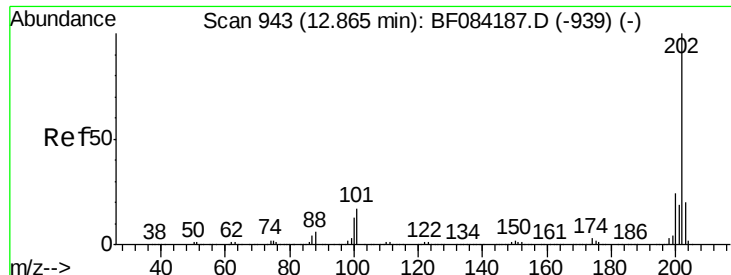
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	720892		
185	14.9	12.2	18.2	
183	11.7	9.8	14.8	



Abundance Ion 184.00 (183.70 to 184.70): E





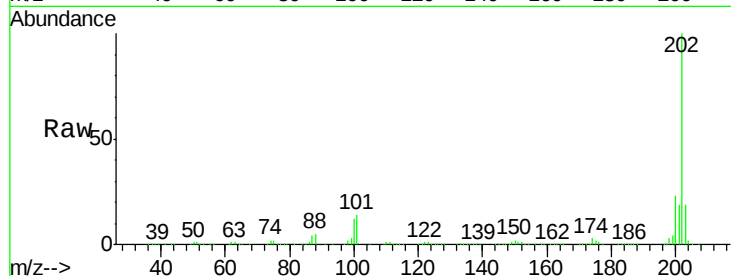
#77
 Pyrene
 Concen: 33.68 ng
 RT: 12.69 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

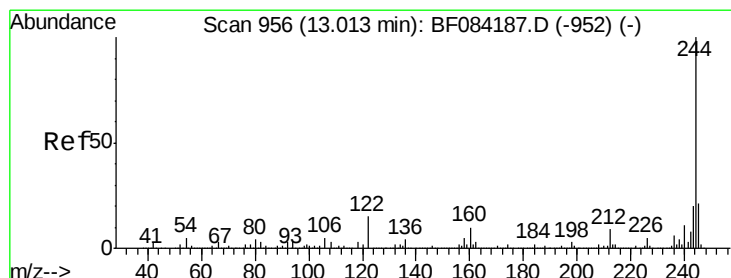
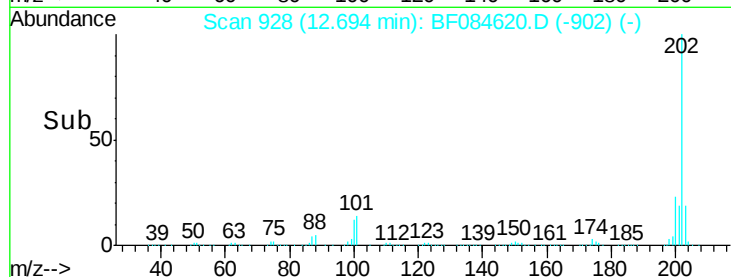
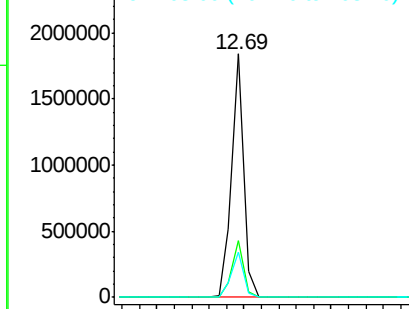
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.2	25.8
203	18.8	14.3	21.5

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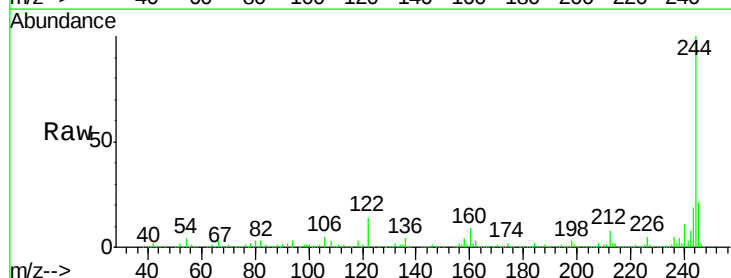


Abundance Ion 202.00 (201.70 to 202.70): E
 2500000
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

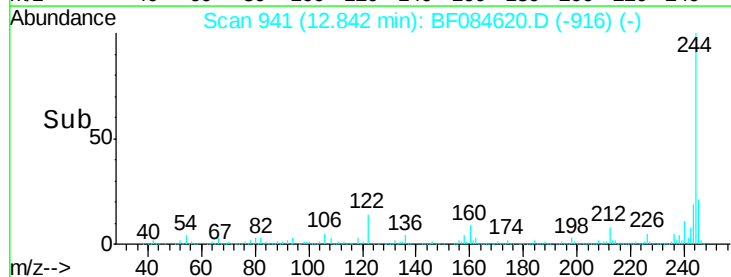
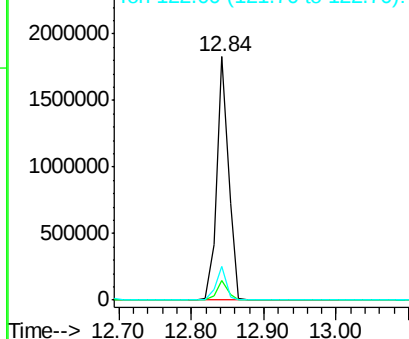


#78
 Terphenyl-d14
 Concen: 68.55 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.0	7.4	11.0



Abundance Ion 244.00 (243.70 to 244.70): E
 2500000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





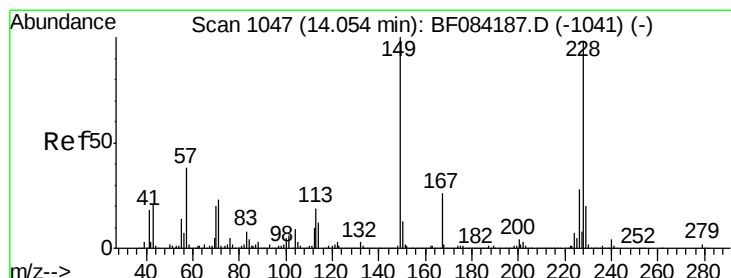
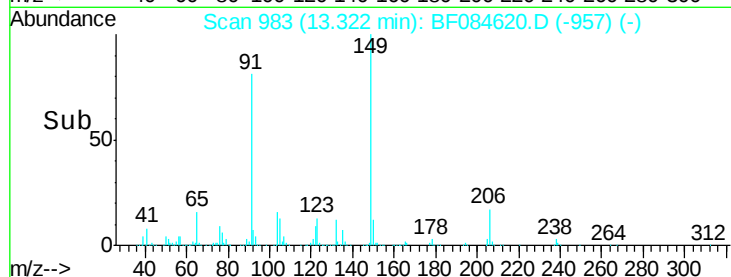
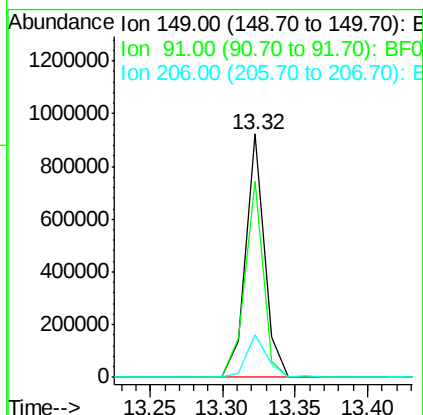
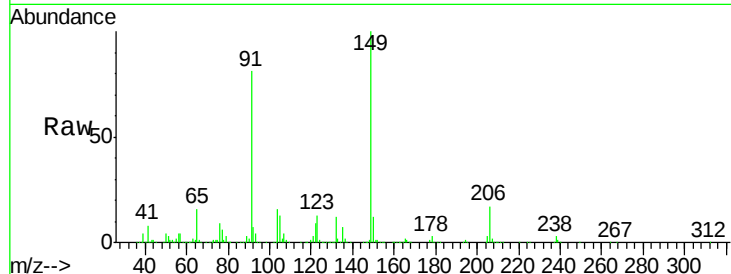
#79
Butylbenzylphthalate
Concen: 36.57 ng
RT: 13.32 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835459		
91	80.6	57.6	86.4	
206	17.5	13.2	19.8	

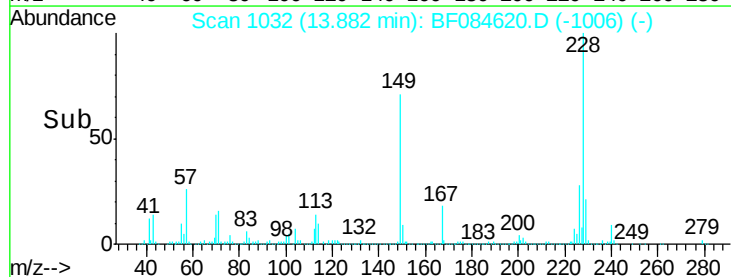
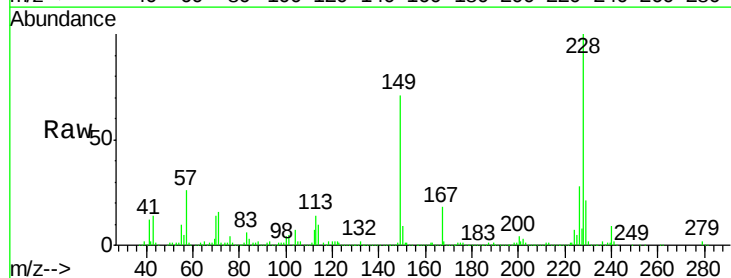
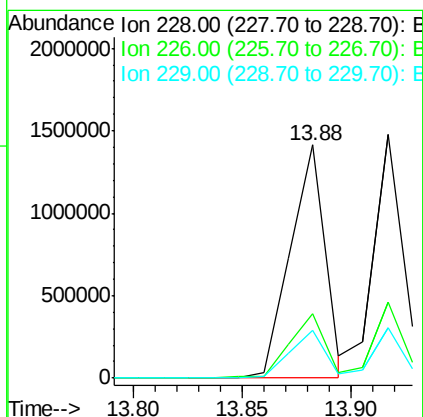
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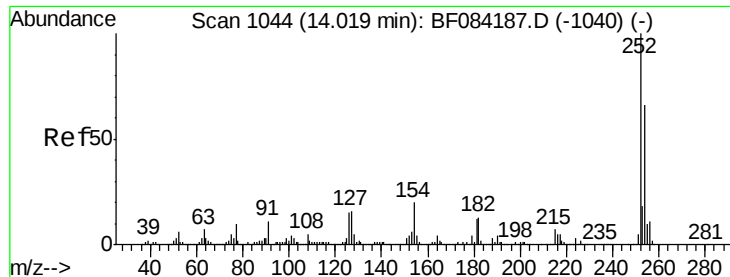
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#80
Benzo(a)anthracene
Concen: 39.92 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1576664		
226	27.7	21.8	32.6	
229	20.5	15.8	23.8	





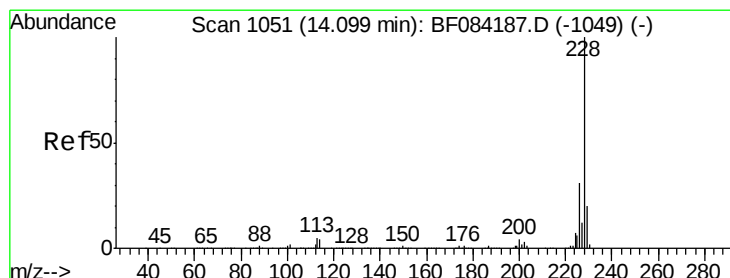
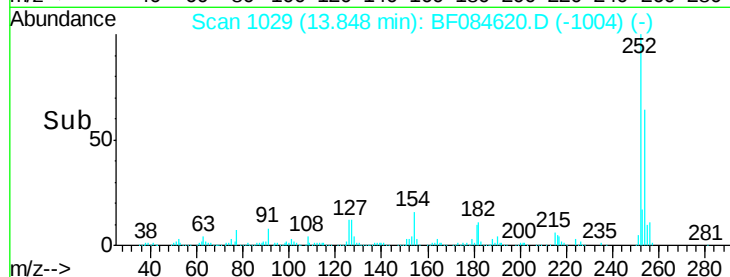
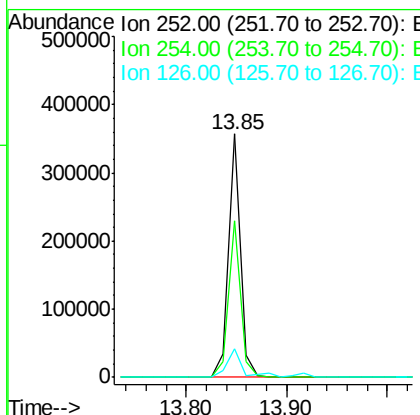
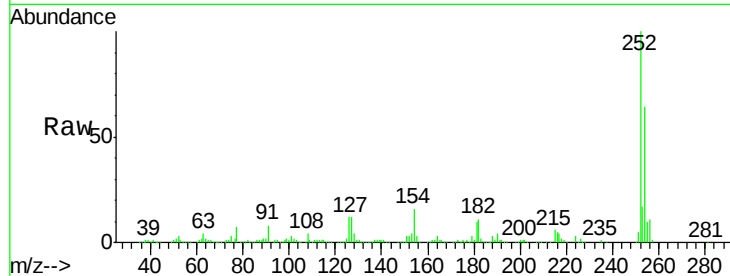
#81
 3,3'-Dichlorobenzidine
 Concen: 21.49 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87993BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	53.5	80.3
126	11.6	4.9	7.3

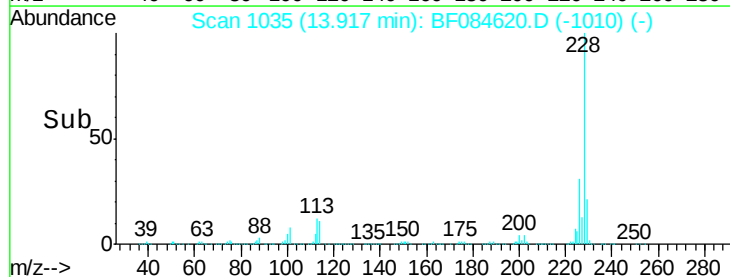
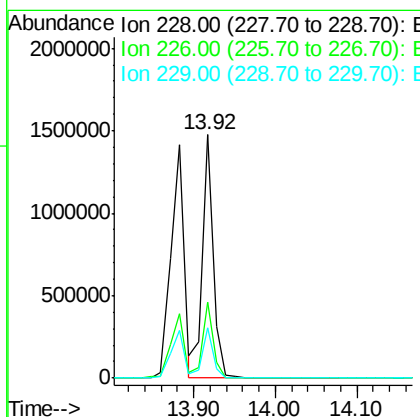
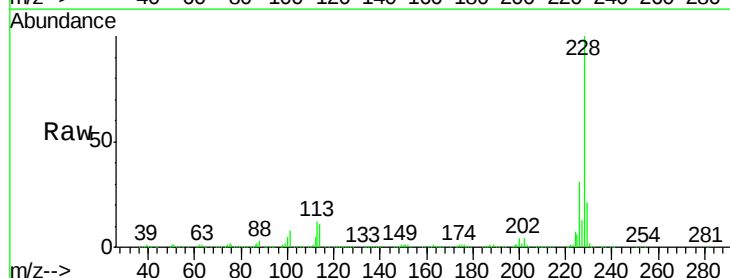
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#82
 Chrysene
 Concen: 37.03 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	24.3	36.5
229	20.7	16.1	24.1





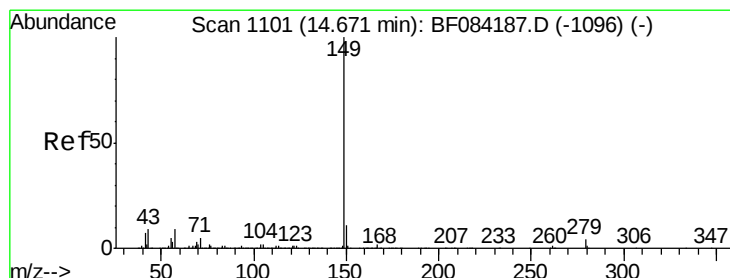
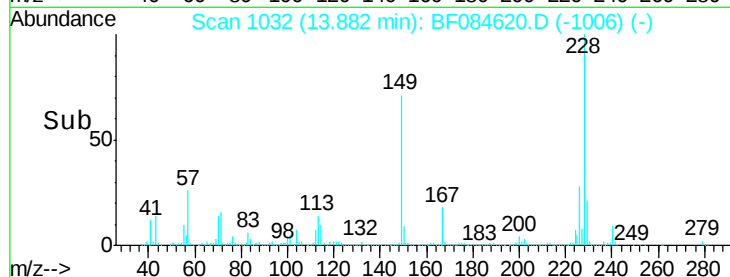
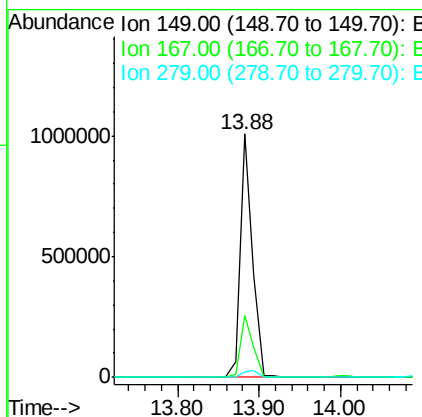
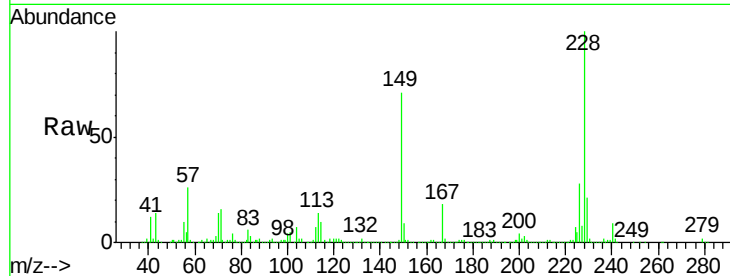
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.98 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Instrument :
 BNA_F
 ClientSampled :
 PB87993BSD

Tgt Ion:149 Resp: 1038330
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.7 29.5
 279 2.2 1.8 2.6

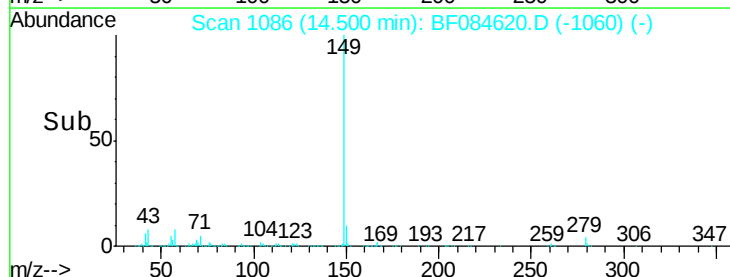
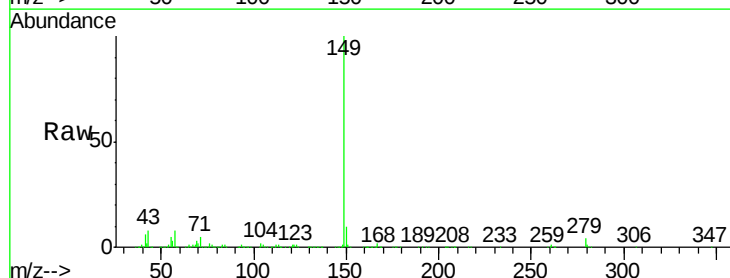
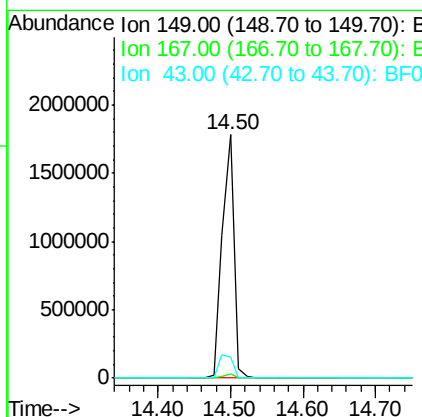
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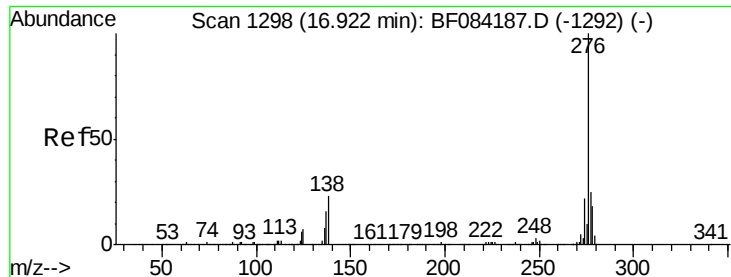
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#84
 Di-n-octyl phthalate
 Concen: 41.53 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF084620.D
 Acq: 27 Jan 2016 14:43

Tgt Ion:149 Resp: 2023383
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 11.2 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.13 ng

RT: 16.60 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB87993BSD

Tgt Ion:276 Resp: 1237522

Ion Ratio Lower Upper

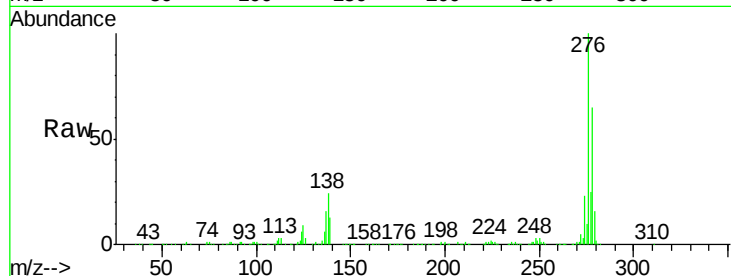
276 100

138 25.0 20.6 30.8

277 25.4 20.1 30.1

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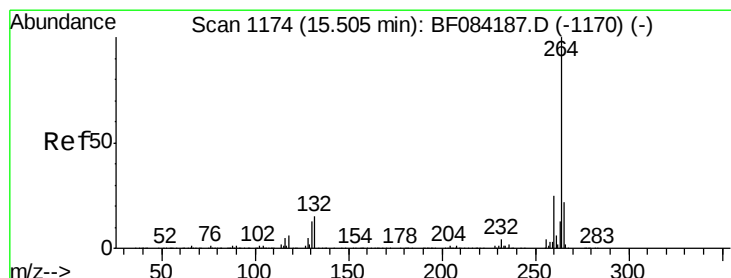
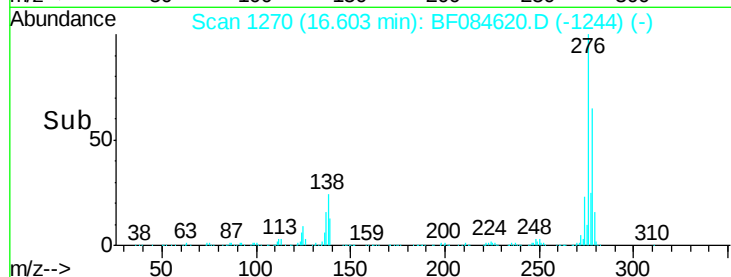
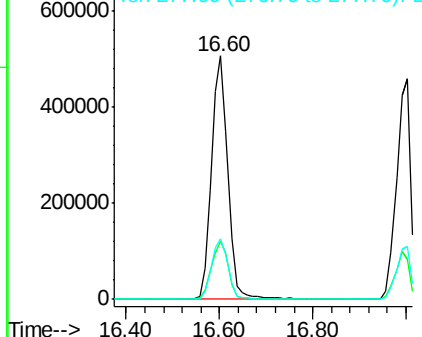
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF084620.D

Acq: 27 Jan 2016 14:43

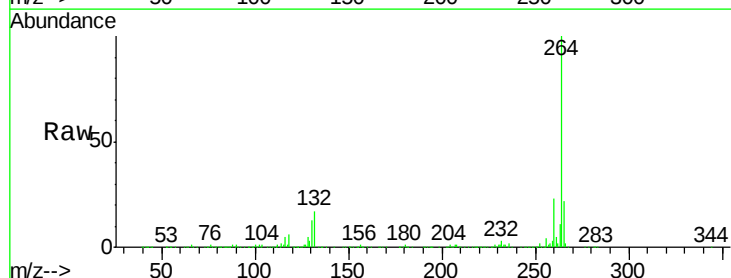
Tgt Ion:264 Resp: 575361

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

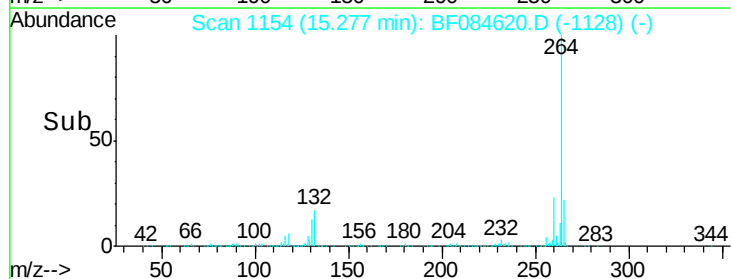
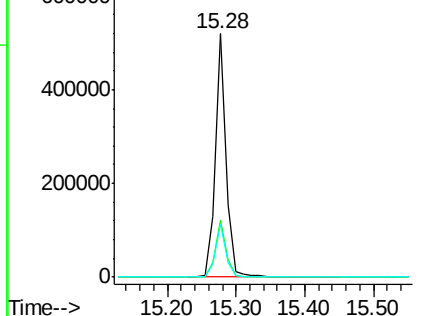
265 21.8 17.8 26.6

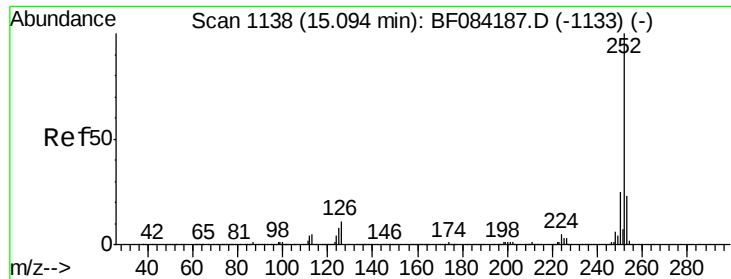


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





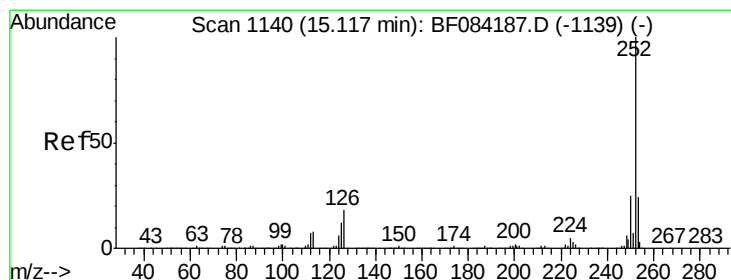
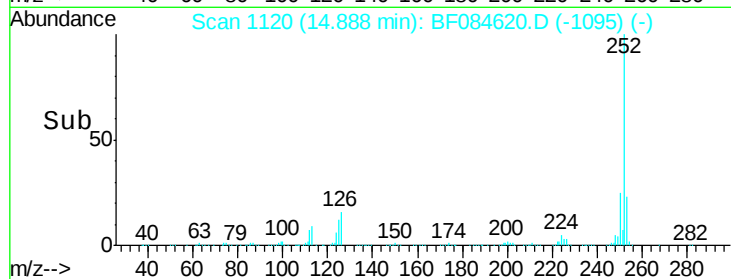
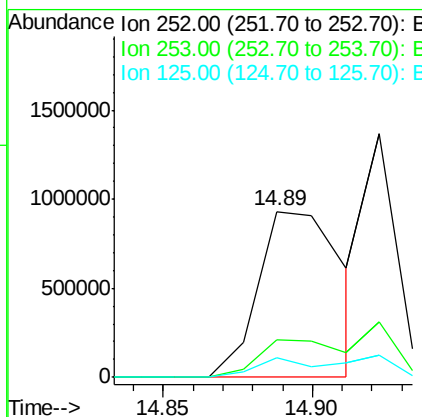
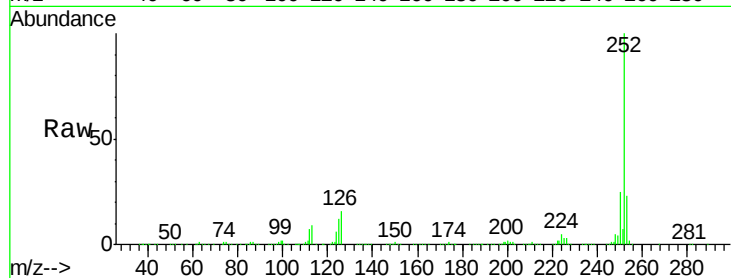
#87
Benzo(b)fluoranthene
Concen: 48.34 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.1	6.5	9.7

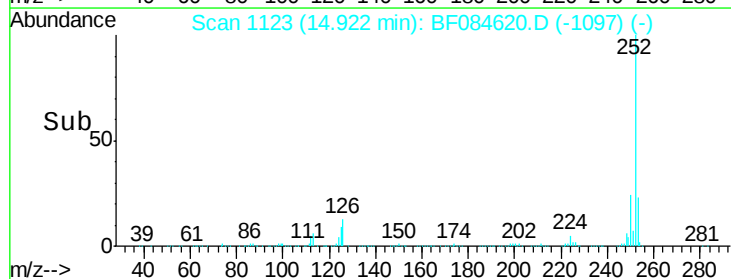
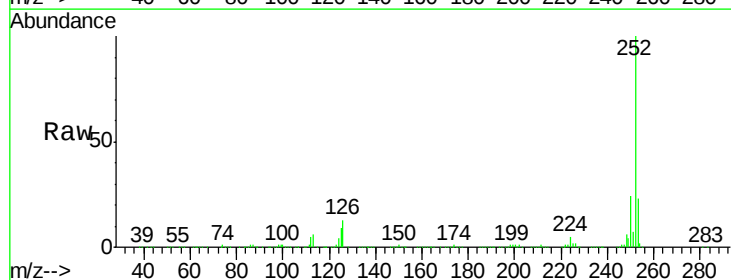
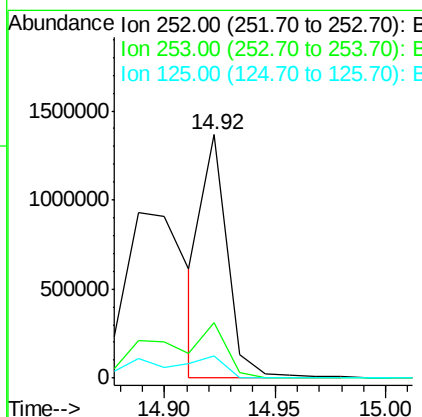
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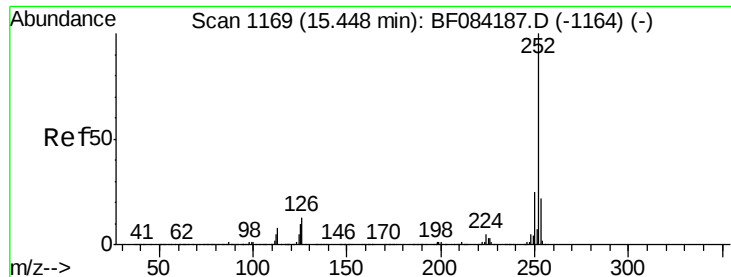
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#88
Benzo(k)fluoranthene
Concen: 34.72 ng m
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.0	9.0	13.6





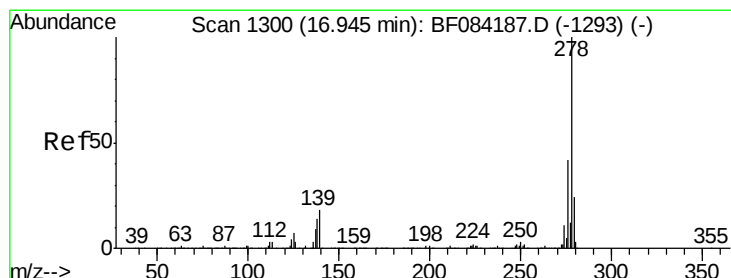
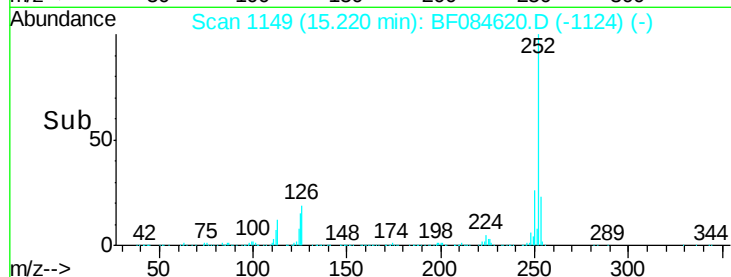
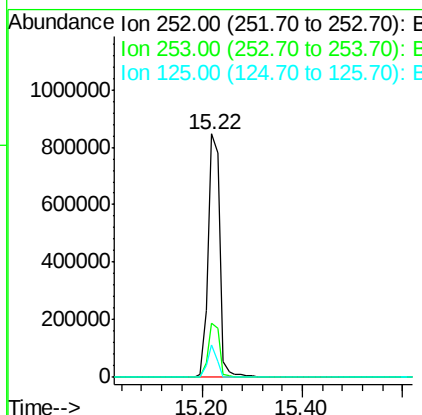
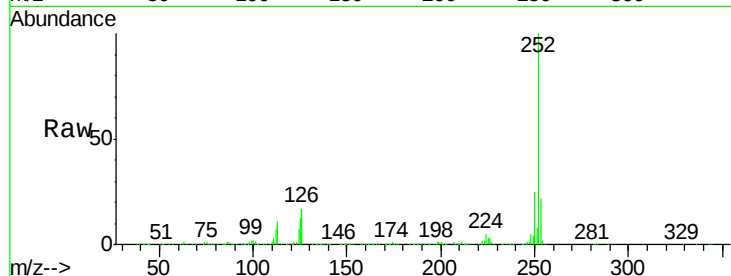
#89
Benzo(a)pyrene
Concen: 42.49 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Instrument :
BNA_F
ClientSampleId :
PB87993BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	13.1	7.0	10.4

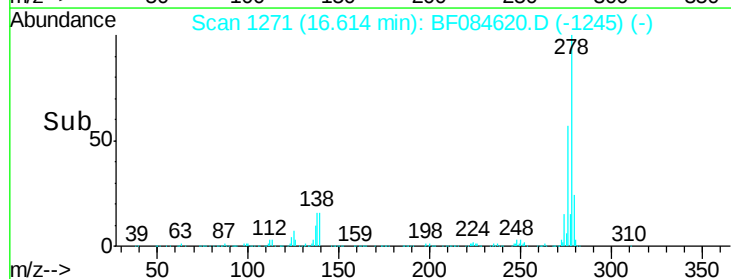
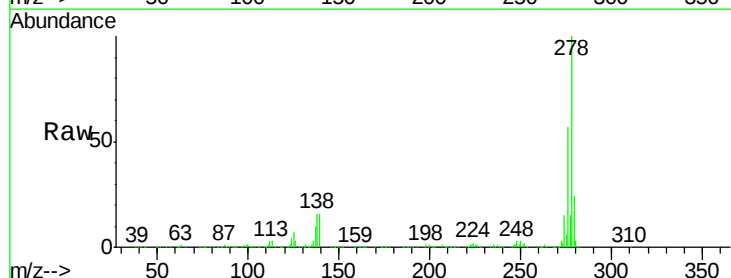
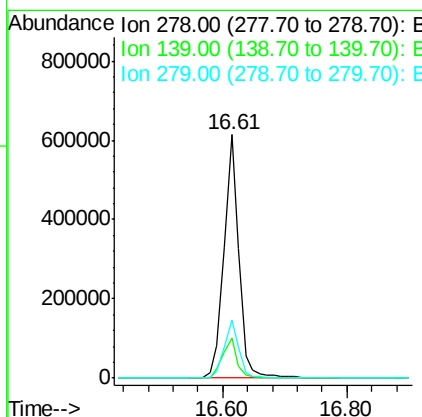
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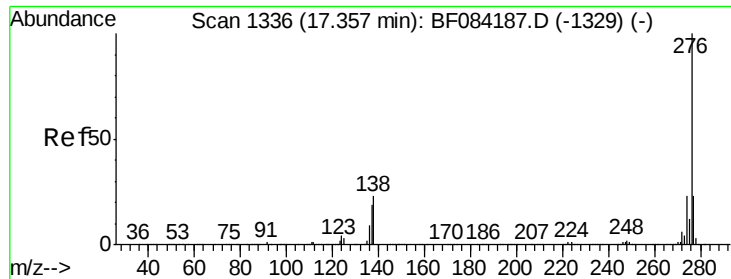
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#90
Dibenzo(a,h)anthracene
Concen: 37.38 ng
RT: 16.61 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF084620.D
Acq: 27 Jan 2016 14:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.0	22.4
279	24.1	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 35.52 ng

RT: 17.00 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF084620.D

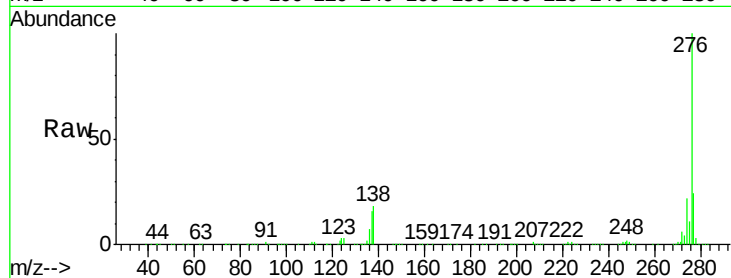
Acq: 27 Jan 2016 14:43

Instrument :

BNA_F

ClientSampleId :

PB87993BSD



Tgt Ion: 276 Resp: 1010382

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 18.1 17.8 26.6

Manual Integrations

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