

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
 Data File : BF084285.D
 Acq On : 6 Jan 2016 13:05
 Operator : SJ/UM
 Sample : G4986-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Manual Integrations
 APPROVED

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 1/7/2016 12:04:33 PM

Quant Time: Jan 07 01:01:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	237623	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	991826	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	444734	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	839774	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	761547	20.00	ng	-0.03
86) Perylene-d12	15.46	264	607019	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1872724	127.47	ng	-0.01
7) Phenol-d6	6.52	99	2668746	144.64	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1609682	90.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	684400	152.43	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2386630	95.16	ng	-0.03
78) Terphenyl-d14	12.98	244	2130603	62.45	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	269596	38.74	ng	# 72
3) Pyridine	3.23	79	752212	38.77	ng	# 71
4) n-Nitrosodimethylamine	3.18	42	467460	46.94	ng	# 78
6) Aniline	6.53	93	588346	21.80	ng	# 1
8) 2-Chlorophenol	6.66	128	830871	49.85	ng	# 92
9) Benzaldehyde	6.41	77	346315	28.83	ng	# 92
10) Phenol	6.53	94	1139943	54.34	ng	# 97
11) bis(2-Chloroethyl)ether	6.61	93	838690	51.61	ng	# 88
12) 1,3-Dichlorobenzene	6.81	146	774012	45.02	ng	# 92
13) 1,4-Dichlorobenzene	6.89	146	842641	48.87	ng	# 95
14) 1,2-Dichlorobenzene	7.04	146	705684	42.74	ng	# 93
15) Benzyl Alcohol	7.01	79	671959	43.29	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1295592	43.78	ng	# 85
17) 2-Methylphenol	7.14	107	701423	50.21	ng	# 94
18) Hexachloroethane	7.38	117	310770	45.07	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	568473	45.51	ng	# 70
20) 3+4-Methylphenols	7.29	107	742348	45.21	ng	# 58
22) Acetophenone	7.29	105	1122850	47.08	ng	# 90
24) Nitrobenzene	7.46	77	937613	51.87	ng	# 98
25) Isophorone	7.70	82	1613642	47.34	ng	# 98
26) 2-Nitrophenol	7.77	139	426867	51.89	ng	# 74
27) 2,4-Dimethylphenol	7.81	122	740632	44.48	ng	# 96
28) bis(2-Chloroethoxy)methane	7.90	93	990151	47.56	ng	# 98
29) 2,4-Dichlorophenol	8.02	162	702934	50.68	ng	# 99
30) 1,2,4-Trichlorobenzene	8.10	180	708657	49.49	ng	# 96
31) Naphthalene	8.18	128	2130355	47.34	ng	# 98
32) Benzoic acid	7.92	122	238631	25.63	ng	# 87
33) 4-Chloroaniline	8.22	127	227675	11.04	ng	# 98
34) Hexachlorobutadiene	8.29	225	386225	46.92	ng	# 98
35) Caprolactam	8.60	113	224390m	47.99	ng	# 94
36) 4-Chloro-3-methylphenol	8.72	107	761845	49.04	ng	# 96
37) 2-Methylnaphthalene	8.86	142	1429539	44.25	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	645256	50.47	ng	# 98
40) Hexachlorocyclopentadiene	9.02	237	763096	98.87	ng	# 97

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Manual Integrations
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Quant Time: Jan 07 01:01:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	497723	52.03	nq	95
43) 2,4,5-Trichlorophenol	9.20	196	483249	52.70	nq	98
45) 1,1'-Biphenyl	9.33	154	1711839	48.43	nq	99
46) 2-Chloronaphthalene	9.36	162	1271418	45.79	nq	96
47) 2-Nitroaniline	9.46	65	538126	58.73	nq #	83
48) Acenaphthylene	9.77	152	2101231	51.23	nq	97
49) Dimethylphthalate	9.64	163	2270217	71.40	nq #	89
50) 2,6-Dinitrotoluene	9.70	165	357959	51.33	nq #	56
51) Acenaphthene	9.94	154	1580104	57.43	nq	98
52) 3-Nitroaniline	9.87	138	245720	28.44	nq #	69
53) 2,4-Dinitrophenol	9.97	184	379165	125.53	nq	95
54) Dibenzofuran	10.12	168	1923058	54.60	nq	100
55) 4-Nitrophenol	10.04	139	586690	93.54	nq #	80
56) 2,4-Dinitrotoluene	10.10	165	441527	50.03	nq #	82
57) Fluorene	10.46	166	1372666	50.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	405795	51.83	nq	93
59) Diethylphthalate	10.34	149	1588266	50.67	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	699509	63.40	nq	97
61) 4-Nitroaniline	10.49	138	413819	53.73	nq	91
62) Azobenzene	10.61	77	1806000	52.53	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	276949	55.45	nq	84
65) n-Nitrosodiphenylamine	10.57	169	1270074	47.30	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	452995	50.12	nq	97
67) Hexachlorobenzene	11.00	284	448288	44.07	nq #	83
68) Atrazine	11.11	200	473277	53.86	nq	97
69) Pentachlorophenol	11.20	266	462674	87.71	nq	98
70) Phenanthrene	11.41	178	2108649	48.00	nq	97
71) Anthracene	11.47	178	2148869	49.90	nq	96
72) Carbazole	11.63	167	2051907	48.74	nq	97
73) Di-n-butylphthalate	11.96	149	2447208	59.05	nq #	96
74) Fluoranthene	12.60	202	2036873	44.39	nq	98
76) Benzidine	12.73	184	598784	21.93	nq	98
77) Pyrene	12.83	202	2067596	34.60	nq	97
79) Butylbenzylphthalate	13.46	149	1140833	44.12	nq #	93
80) Benzo(a)anthracene	14.02	228	1853767	41.46	nq	98
81) 3,3'-Dichlorobenzidine	13.99	252	457699	29.33	nq #	97
82) Chrysene	14.05	228	1534163	35.70	nq	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1365816	41.80	nq #	94
84) Di-n-octyl phthalate	14.63	149	2257869	40.93	nq #	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1597669	46.91	nq	100
87) Benzo(b)fluoranthene	15.05	252	1751069	44.10	nq #	97
88) Benzo(k)fluoranthene	15.08	252	1697637m	52.28	nq	
89) Benzo(a)pyrene	15.40	252	1653621	49.10	nq	99
90) Dibenzo(a,h)anthracene	16.88	278	1299693	44.85	nq	98
91) Benzo(g,h,i)perylene	17.29	276	1305198	43.49	nq	96

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

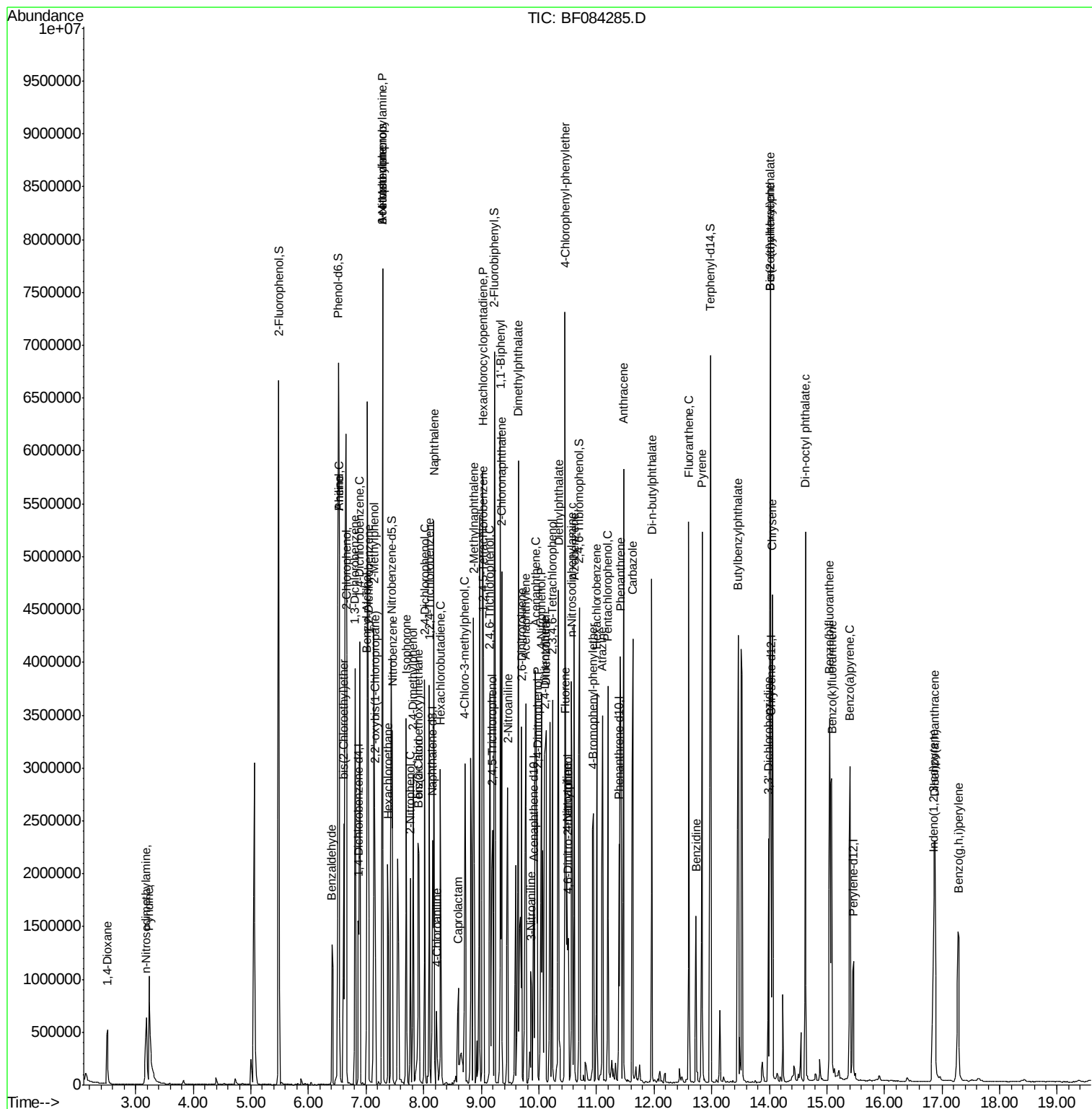
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\  
Data File : BF084285.D  
Acq On    : 6 Jan 2016 13:05  
Operator  : SJ/UM  
Sample    : G4986-04MSD  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
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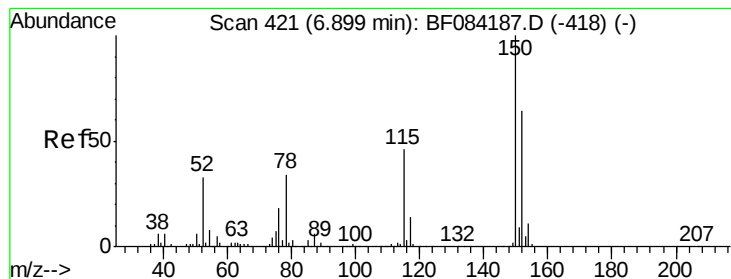
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Manual Integrations APPROVED

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Quant Time: Jan 07 01:01:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

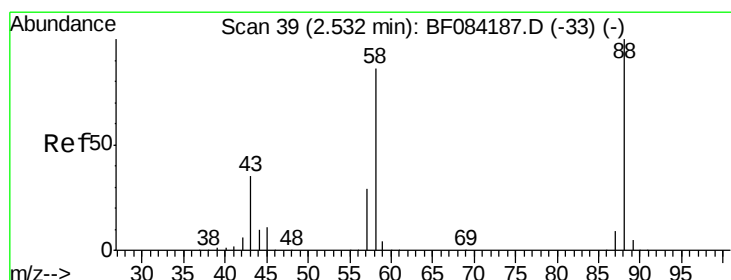
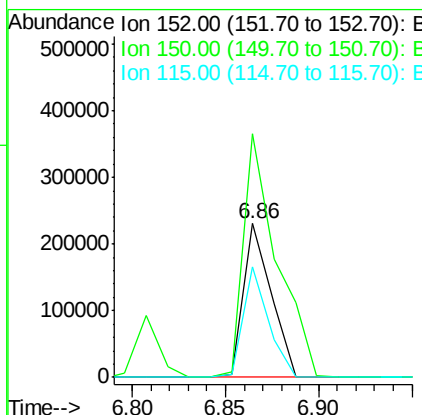
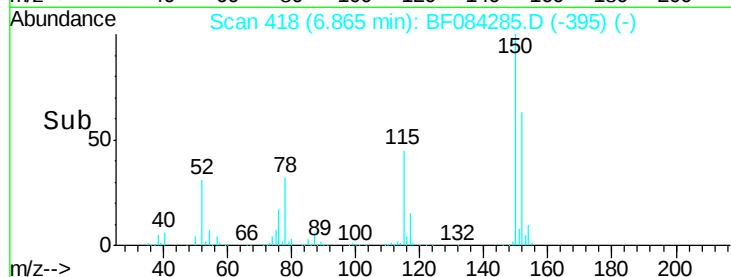
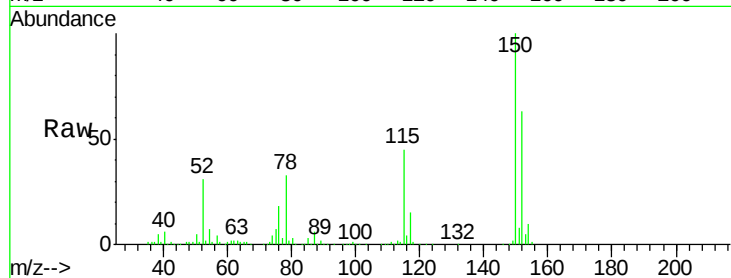
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:	152	Resp:	237623
Ion Ratio	Lower	Upper	
152	100		
150	158.4	123.0	184.4
115	71.8	51.4	77.2

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#2

1,4-Dioxane

Concen: 38.74 ng

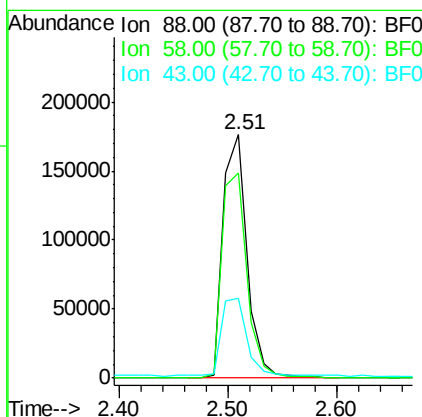
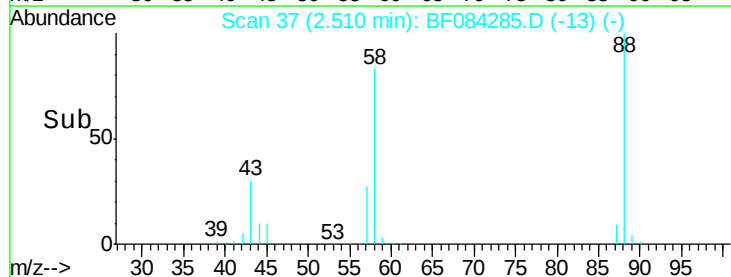
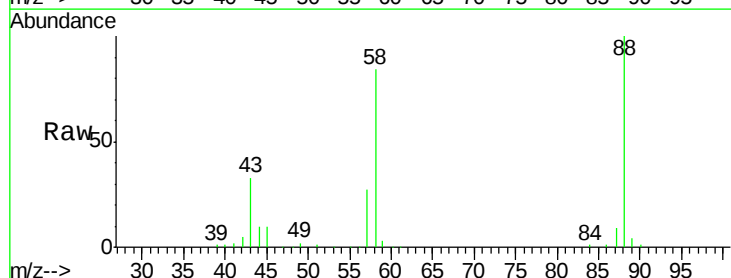
RT: 2.51 min Scan# 37

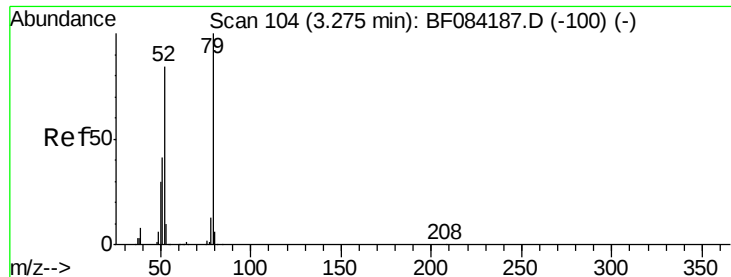
Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:	88	Resp:	269596
Ion Ratio	Lower	Upper	
88	100		
58	87.7	51.2	76.8#
43	34.5	19.5	29.3#





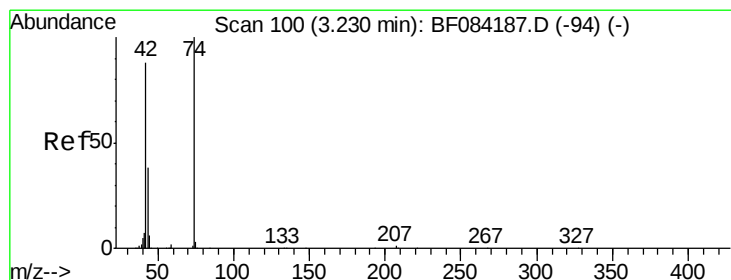
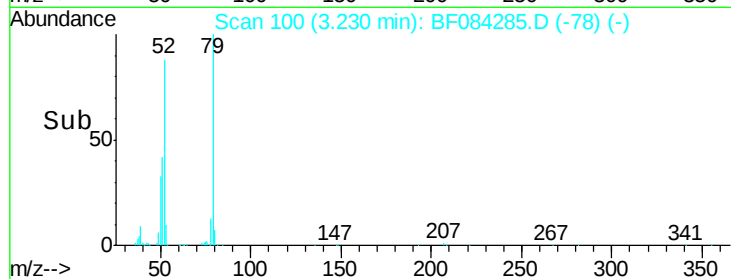
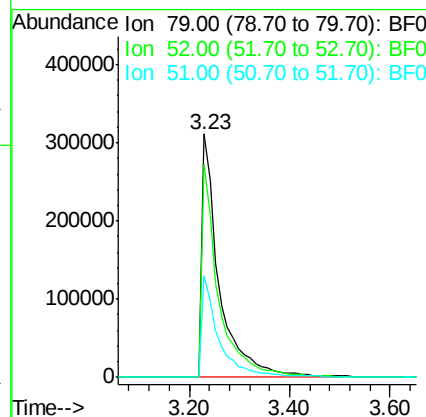
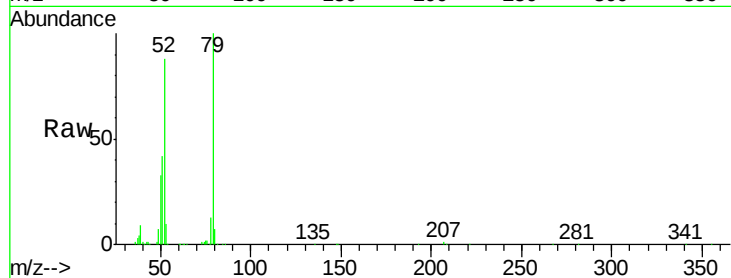
#3
 Pvridine
 Concen: 38.77 ng
 RT: 3.23 min Scan# 100
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.6	49.0	73.4#
51	41.9	25.2	37.8#

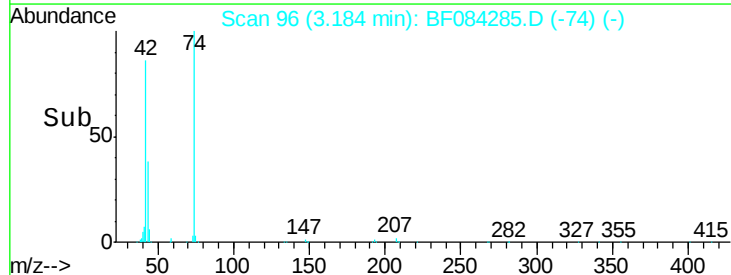
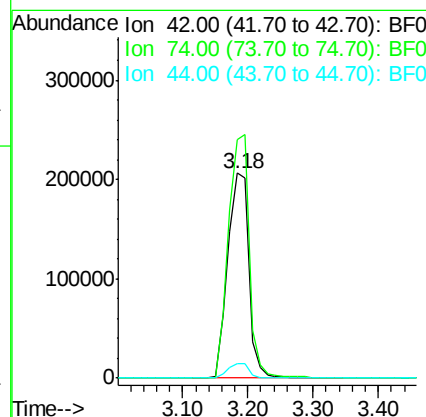
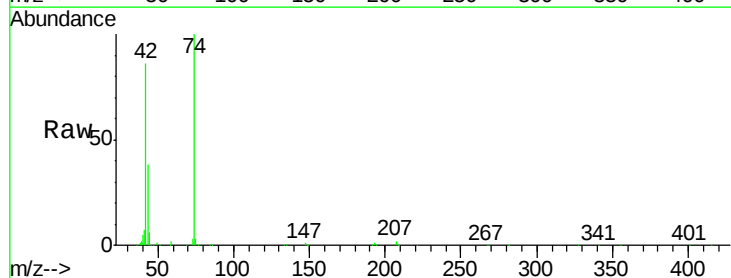
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#4
 n-Nitrosodimethylamine
 Concen: 46.94 ng
 RT: 3.18 min Scan# 96
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.3	115.7	173.5
44	6.8	5.1	7.7





#5

2-Fluorophenol

Concen: 127.47 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion: 112 Resp: 1872724

Ion Ratio Lower Upper

112 100

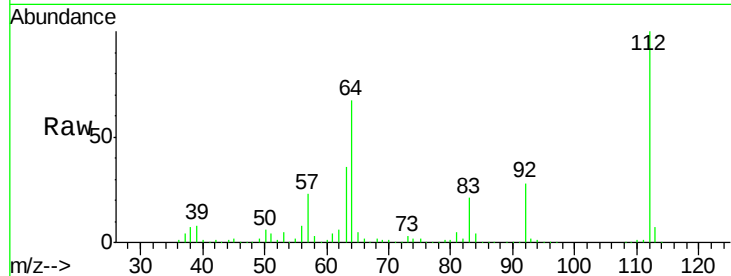
64 67.3 36.6 55.0#

63 36.4 19.4 29.0#

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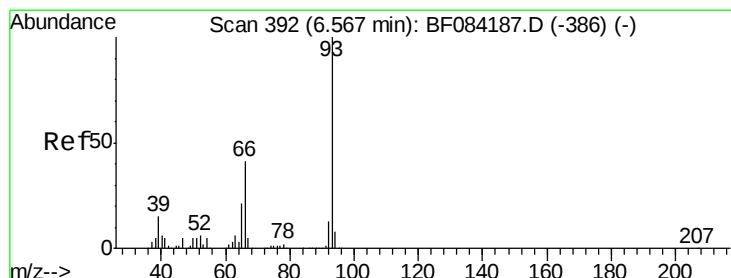
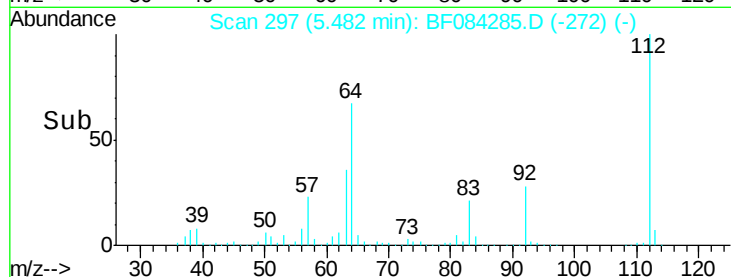
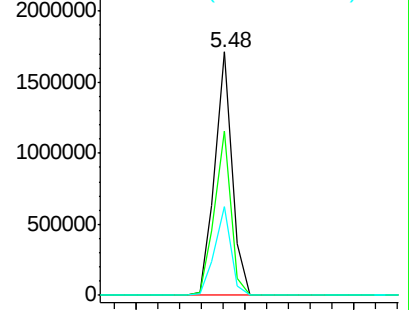
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.80 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

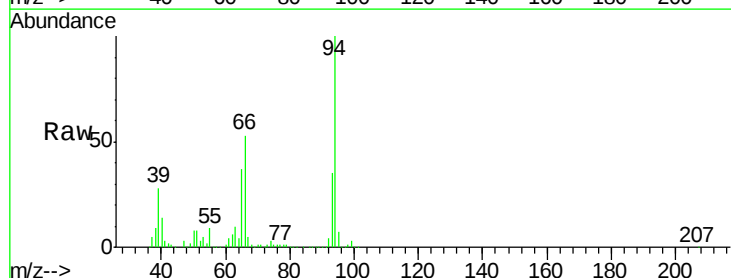
Tgt Ion: 93 Resp: 588346

Ion Ratio Lower Upper

93 100

66 149.8 44.9 67.3#

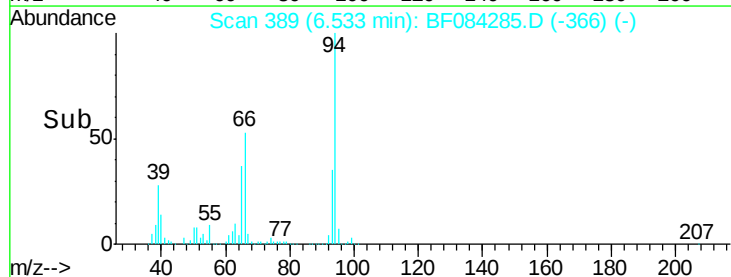
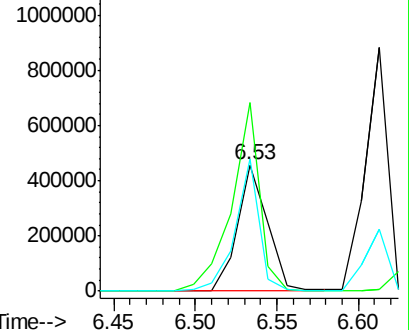
65 105.2 23.7 35.5#

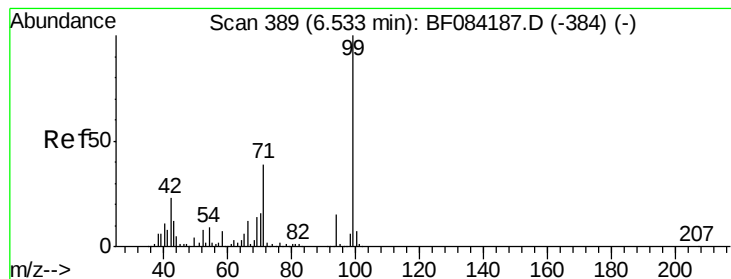


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.64 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion: 99 Resp: 2668746

Ion Ratio Lower Upper

99 100

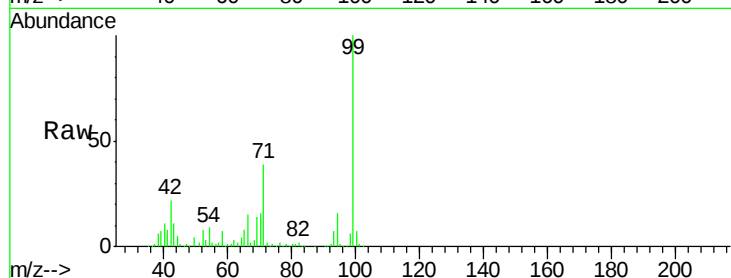
42 21.6 12.8 19.2#

71 38.6 30.9 46.3

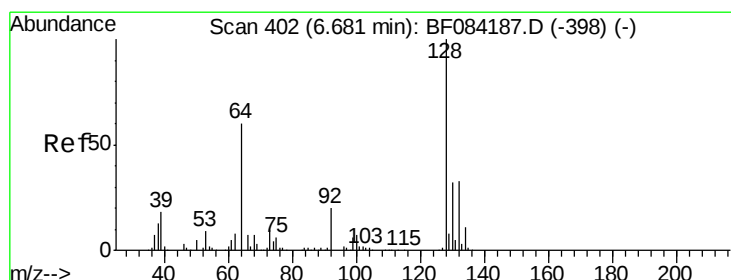
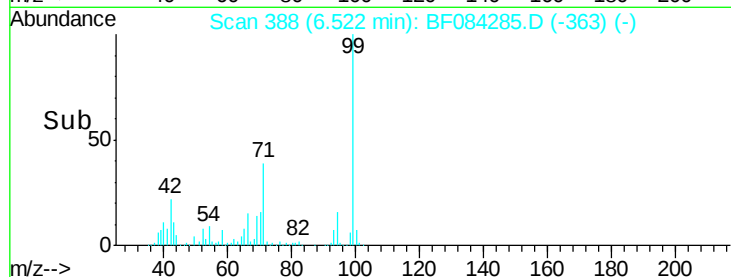
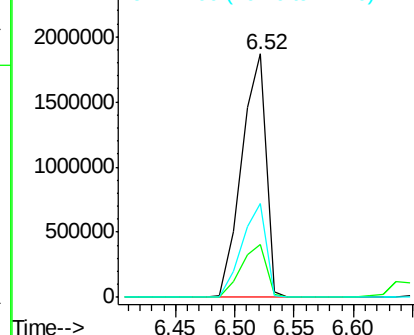
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.85 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

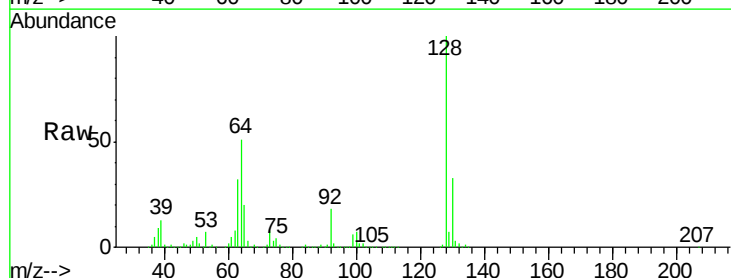
Tgt Ion: 128 Resp: 830871

Ion Ratio Lower Upper

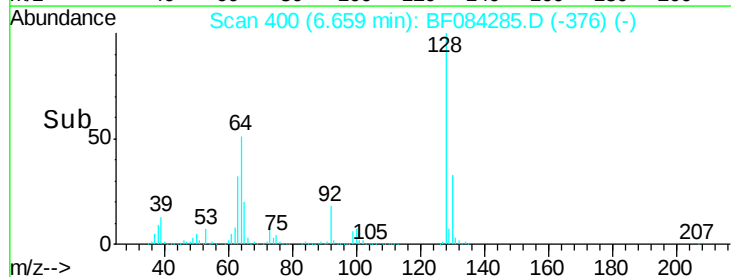
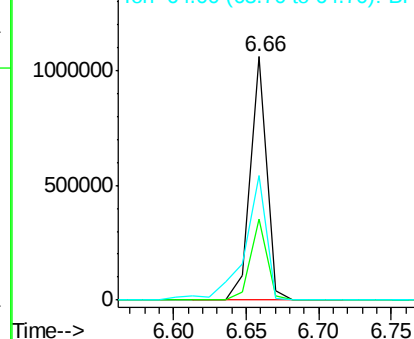
128 100

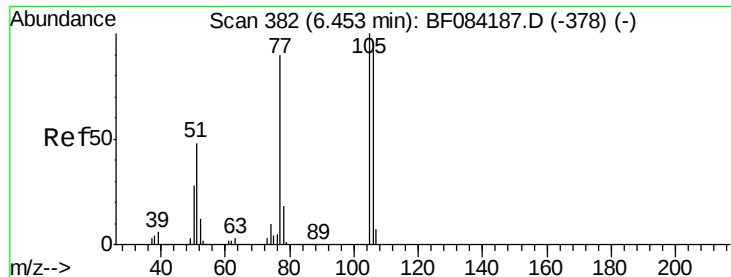
130 33.5 11.6 51.6

64 51.2 23.8 63.8



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





#9

Benzaldehyde

Concen: 28.83 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084285.D

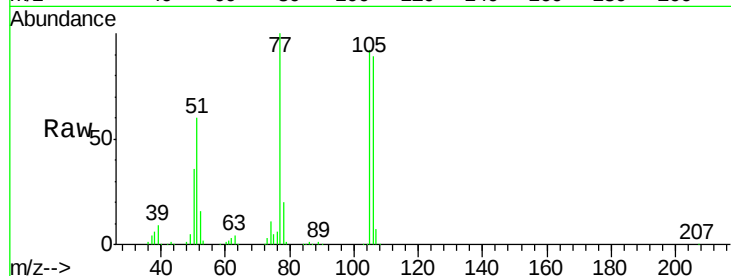
Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

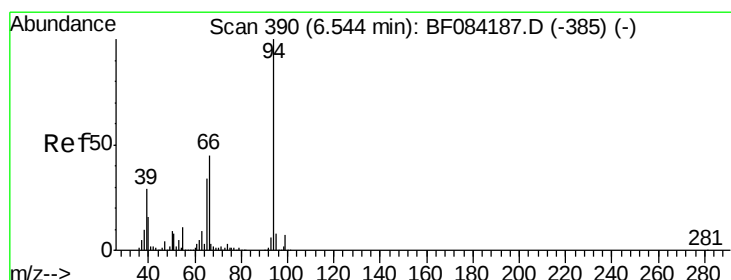
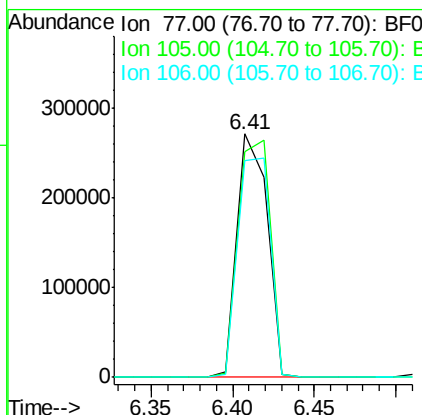
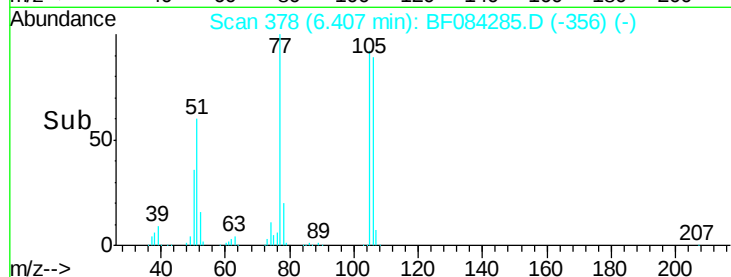
PJ-SB-4-21.0-21.5MSD



Tot Ion:	77	Resp:	346315
Ion Ratio	Lower	Upper	
77	100		
105	92.4	83.0	123.0
106	89.1	74.6	114.6

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#10

Phenol

Concen: 54.34 ng

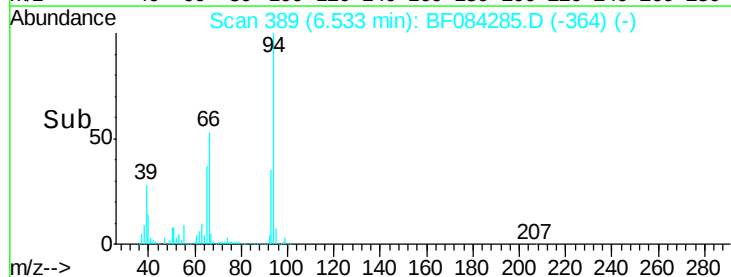
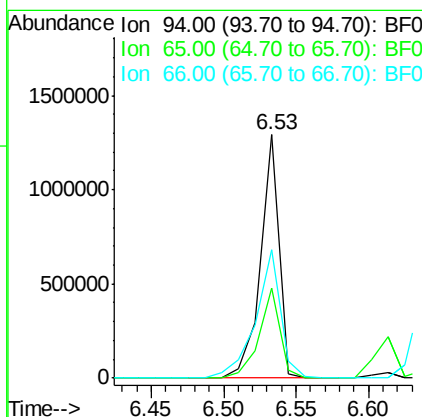
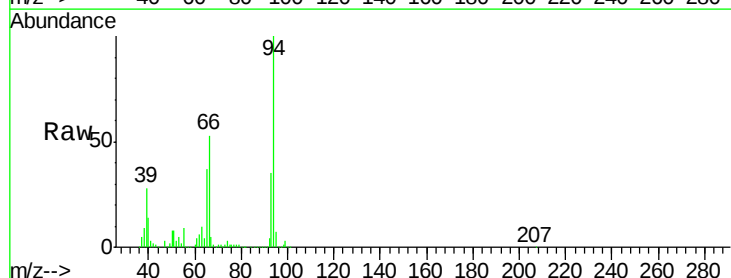
RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084285.D

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Tgt Ion:	94	Resp:	1139943
Ion Ratio	Lower	Upper	
94	100		
65	37.1	12.9	52.9
66	52.9	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 51.61 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

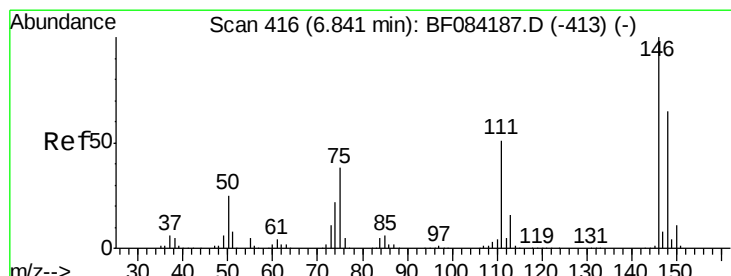
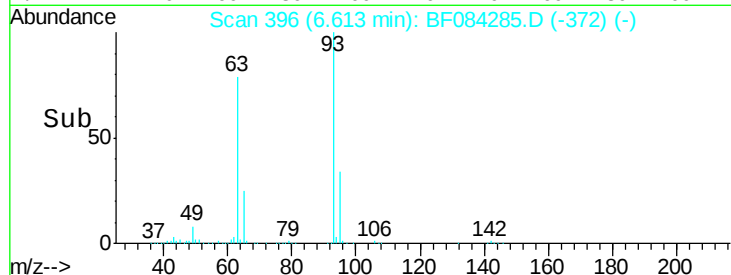
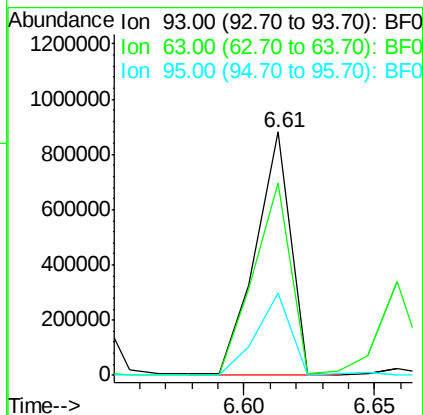
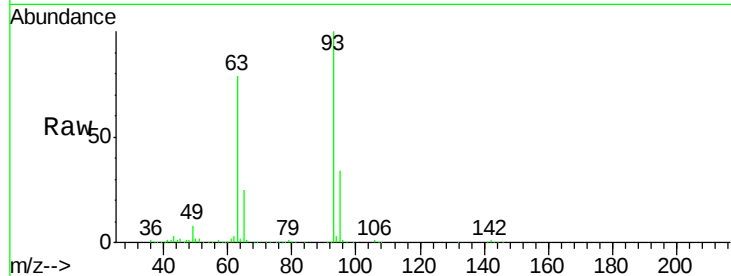
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:	93	Resp:	838690
Ion Ratio	Lower	Upper	
93	100		
63	79.1	45.9	85.9
95	33.6	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 45.02 ng

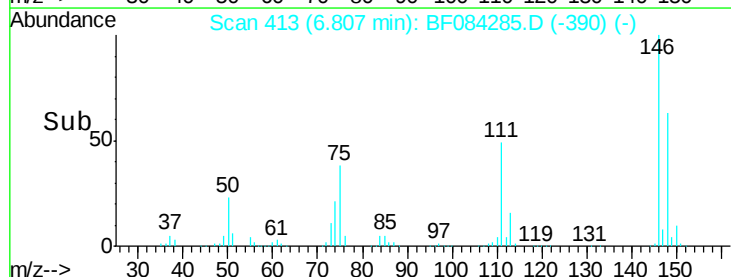
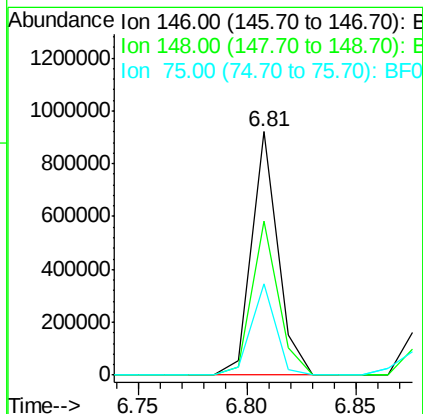
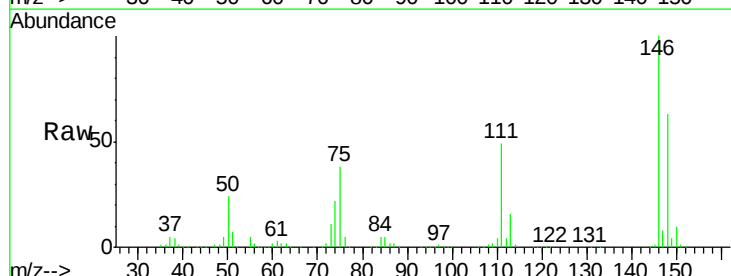
RT: 6.81 min Scan# 413

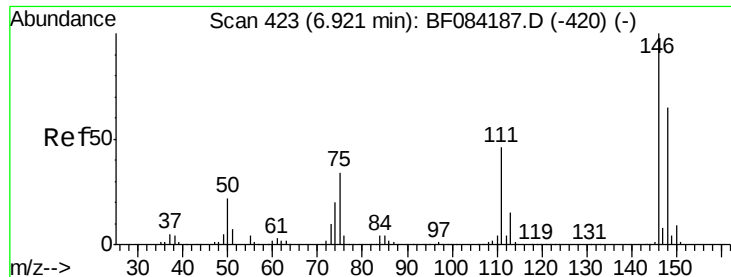
Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:	146	Resp:	774012
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.9	77.9
75	37.7	20.5	30.7#





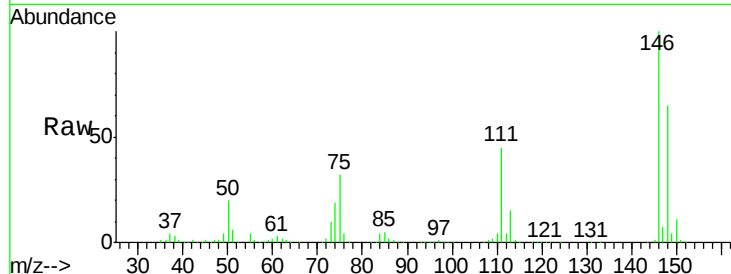
#13
 1,4-Dichlorobenzene
 Concen: 48.87 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

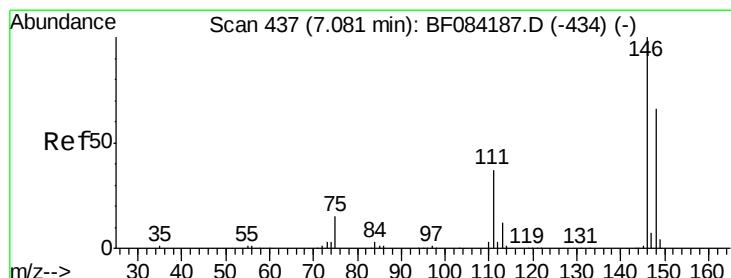
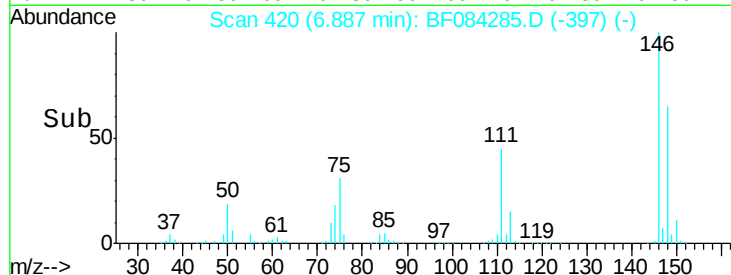
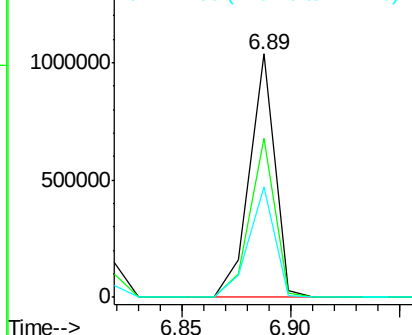
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.9	77.9
111	45.4	41.6	62.4

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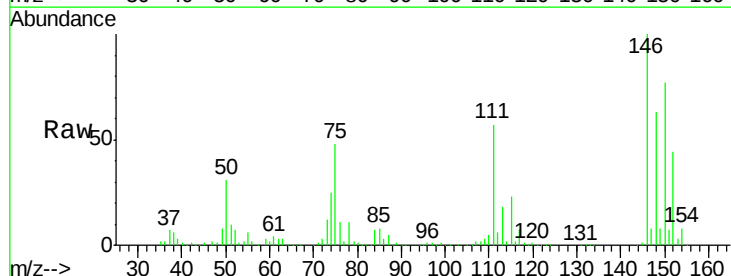


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

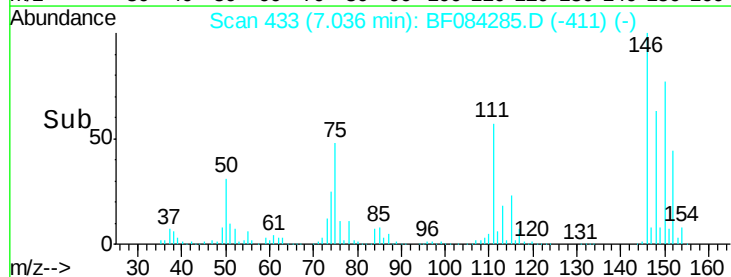
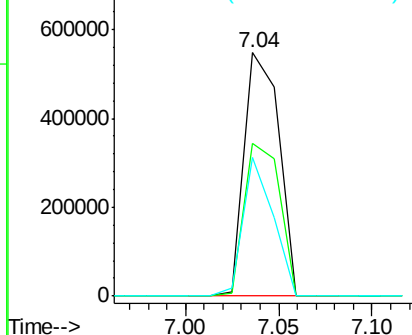


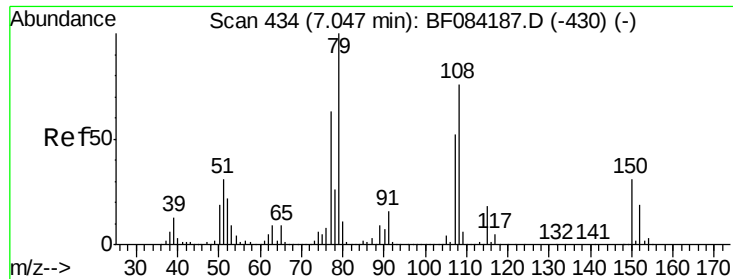
#14
 1,2-Dichlorobenzene
 Concen: 42.74 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.6	77.4
111	56.7	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





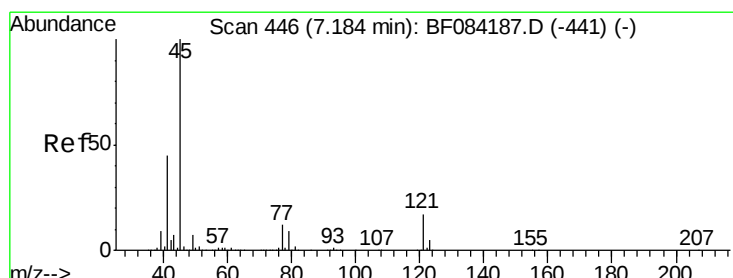
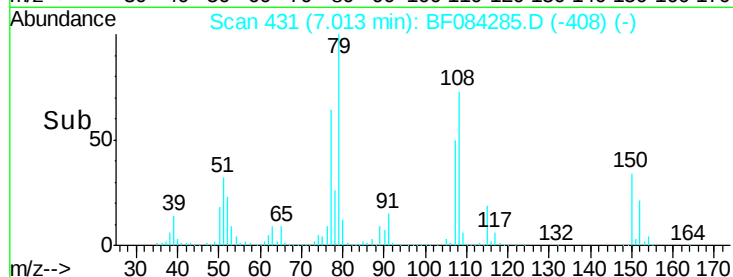
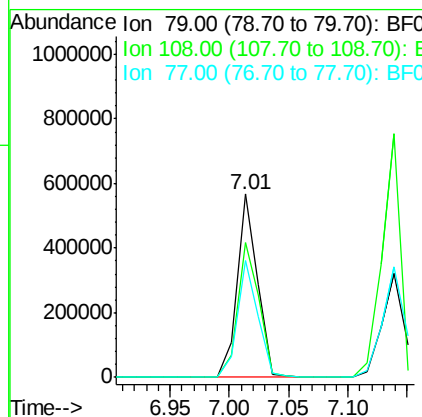
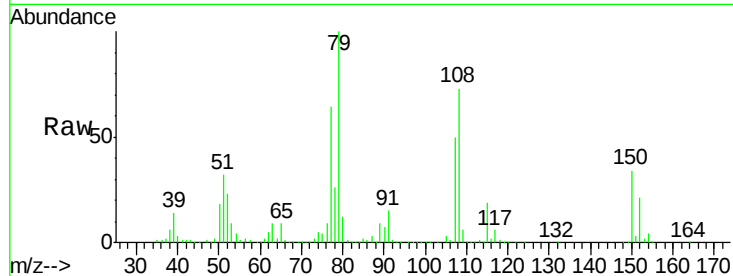
#15
Benzyl Alcohol
Concen: 43.29 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.5	69.0	103.4
77	64.0	50.0	75.0

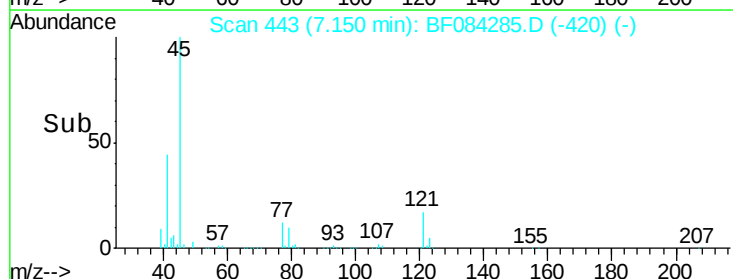
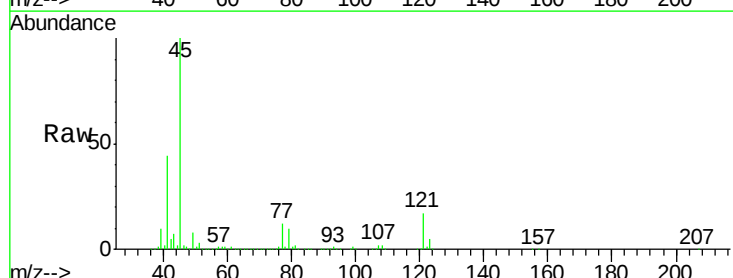
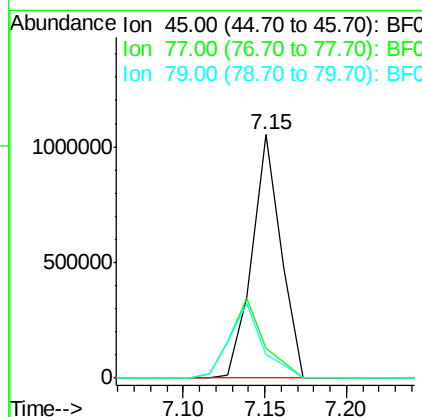
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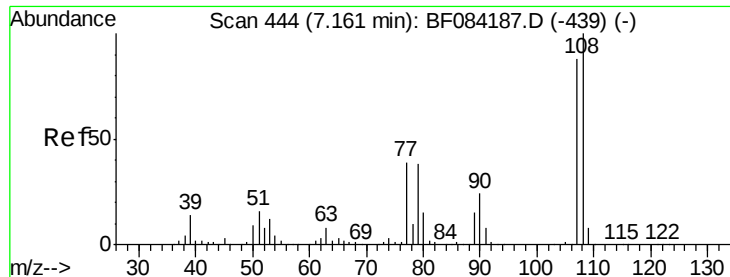
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.78 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	39.6
79	9.6	0.0	35.0





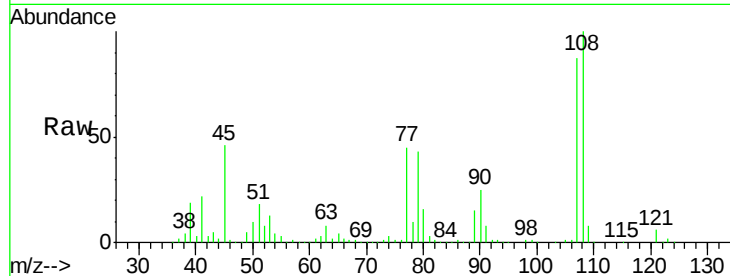
#17
2-Methylphenol
Concen: 50.21 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

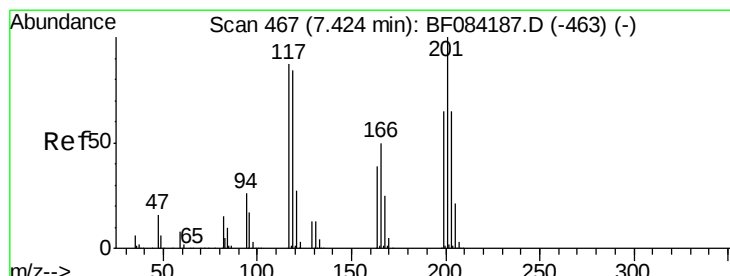
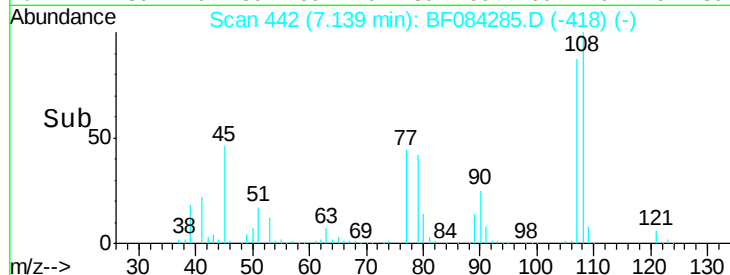
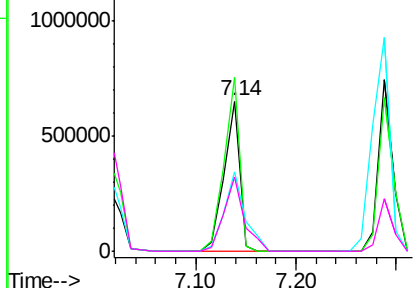
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	701423		
108	108	115.6	89.8	134.6	
77	77	52.5	35.7	53.5	
79	79	49.3	35.7	53.5	

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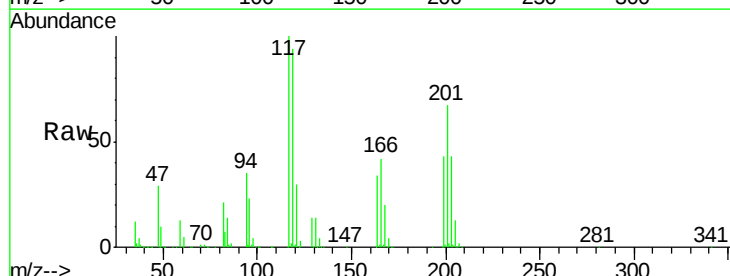


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

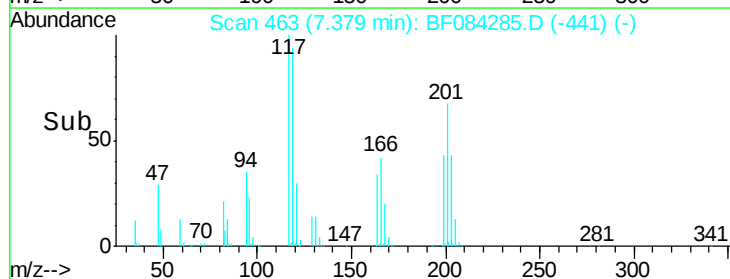
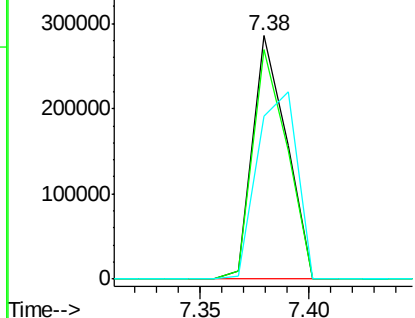


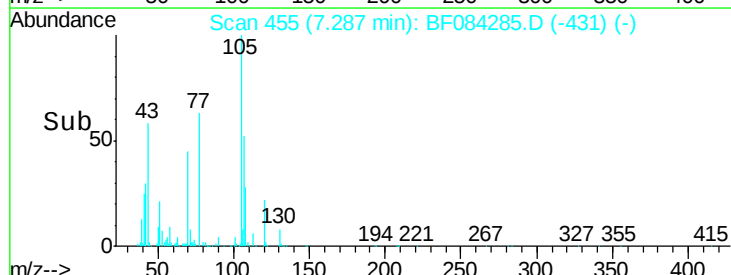
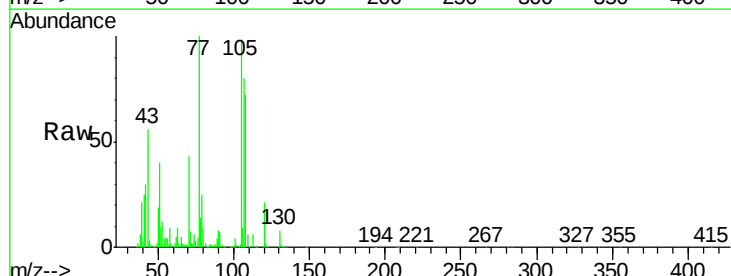
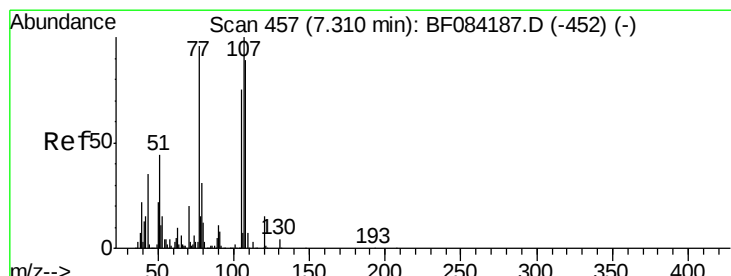
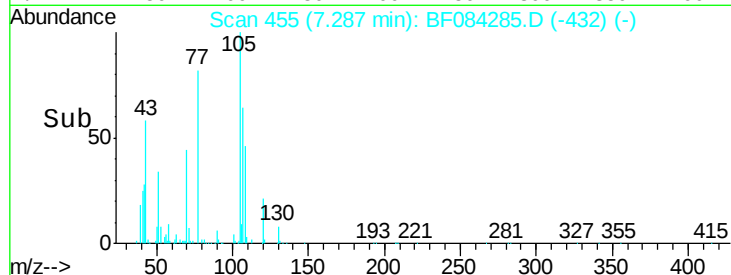
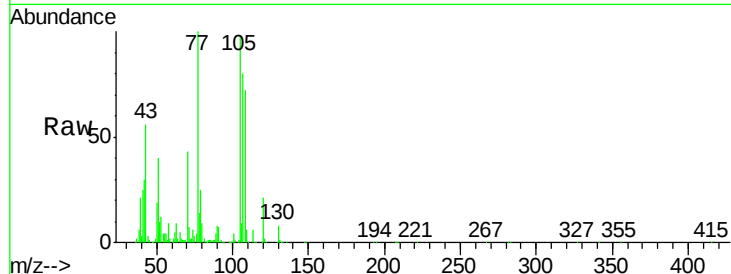
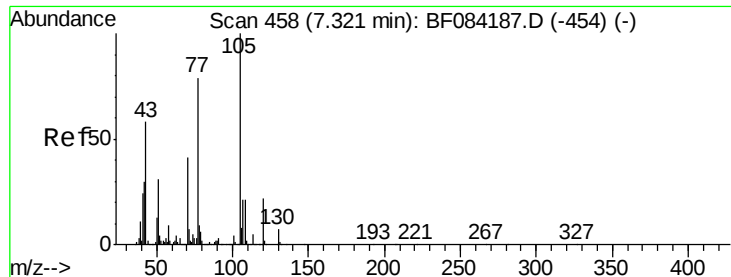
#18
Hexachloroethane
Concen: 45.07 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	310770		
119	119	94.3	77.4	116.0	
201	201	66.9	68.6	103.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





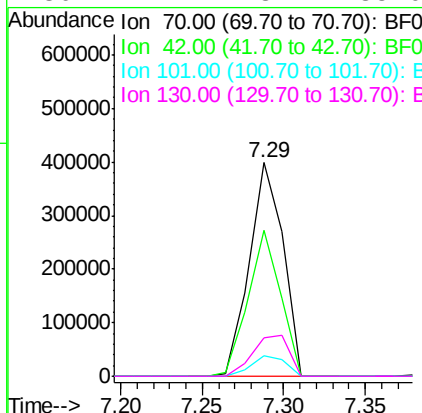
#19
n-Nitroso-di-n-propylamine
Concen: 45.51 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.6	33.3	49.9#
101	9.4	9.3	13.9
130	17.7	23.4	35.0#

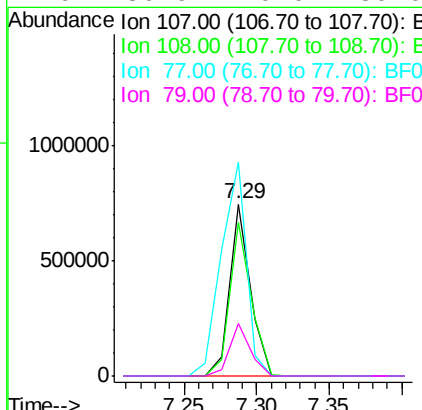
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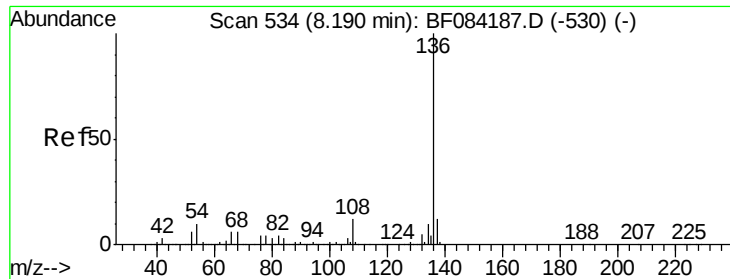
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#20
3+4-Methylphenols
Concen: 45.21 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	74.6	114.6
77	124.4	0.7	40.7#
79	30.9	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

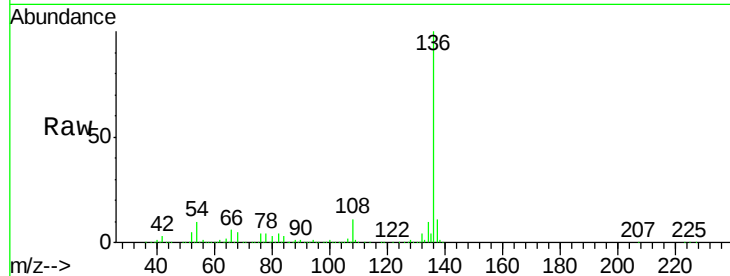
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		991826		
137	11.2		8.7	13.1	
54	9.9		5.8	8.8	
68	5.2		4.2	6.2	

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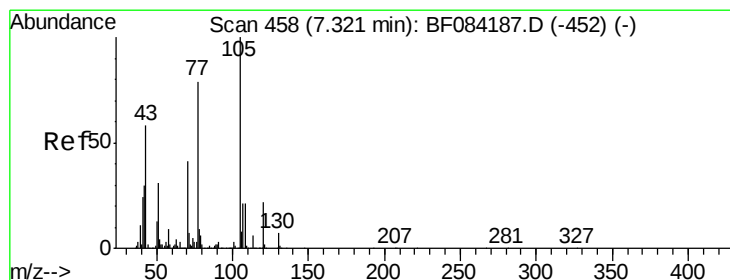
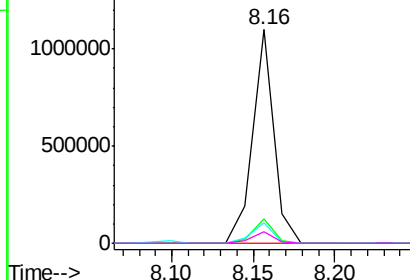
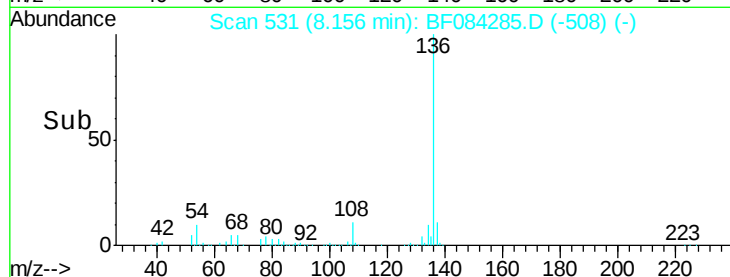


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.08 ng

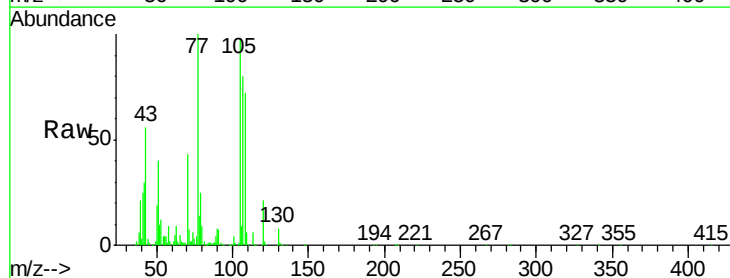
RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1122850		
71	7.6		3.7	5.5	
51	40.8		25.1	37.7	
120	21.2		16.6	25.0	

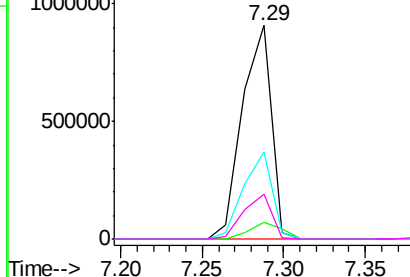
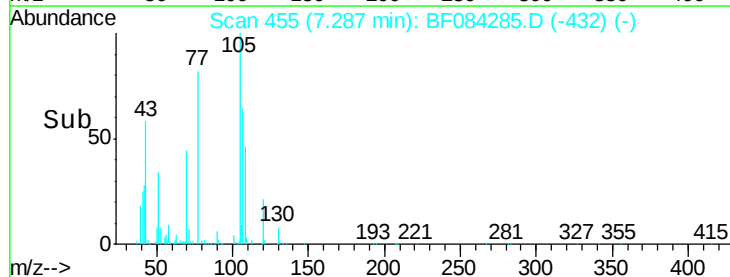


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





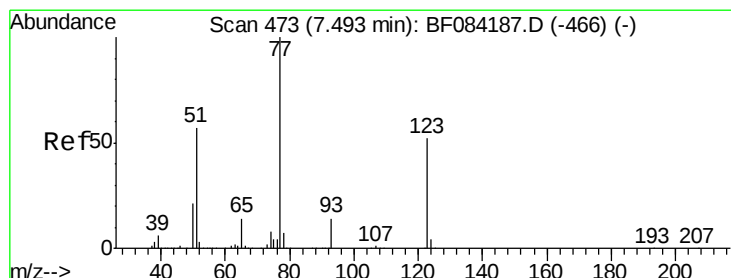
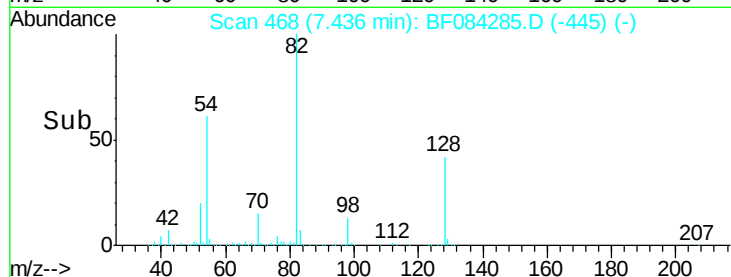
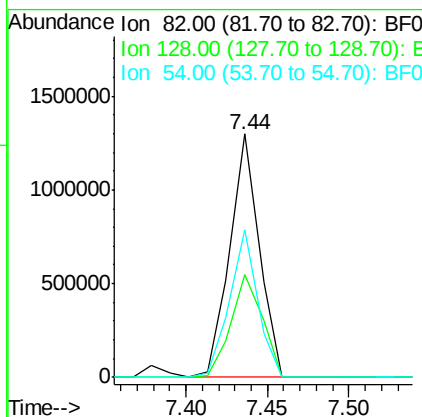
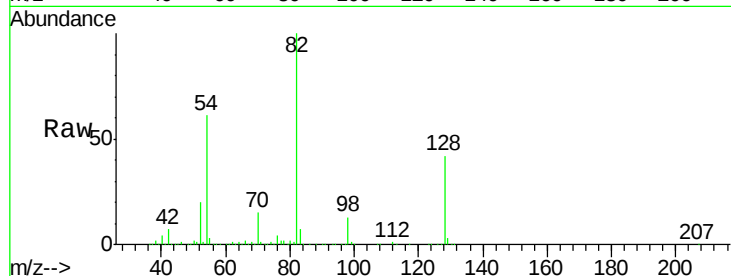
#23
Nitrobenzene-d5
Concen: 90.33 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	82	Resp	1609682
Ion Ratio	100	Lower	Upper
128	42.2	34.6	51.8
54	60.7	38.4	57.6

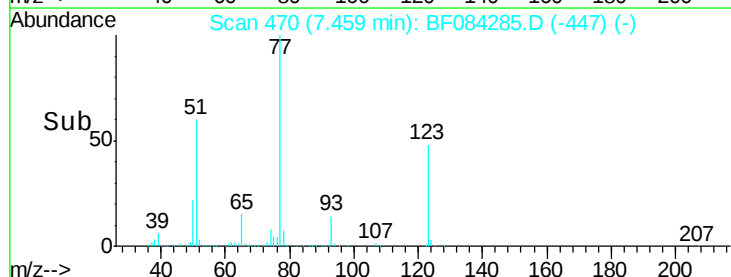
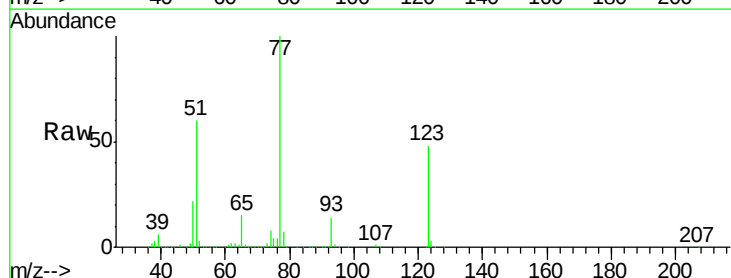
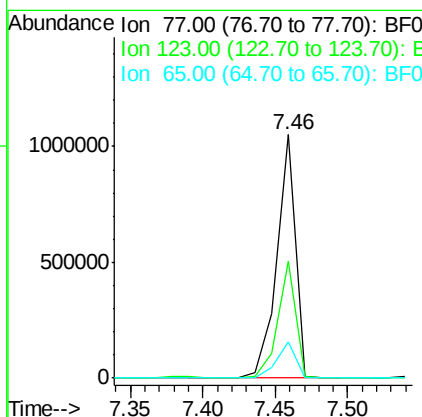
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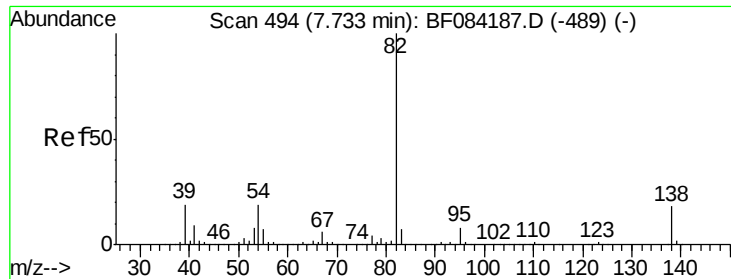
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#24
Nitrobenzene
Concen: 51.87 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	77	Resp	937613
Ion Ratio	100	Lower	Upper
123	48.0	37.4	56.2
65	15.0	10.9	16.3





#25

Isophorone

Concen: 47.34 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion: 82 Resp: 1613642

Ion Ratio Lower Upper

82 100

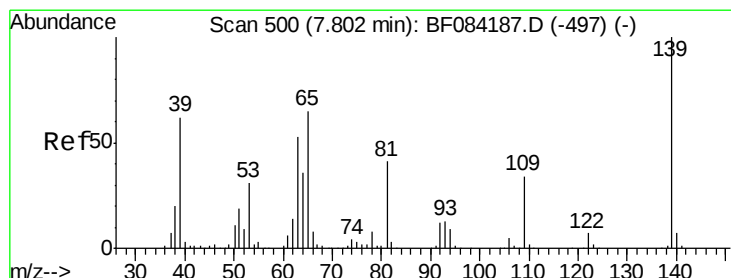
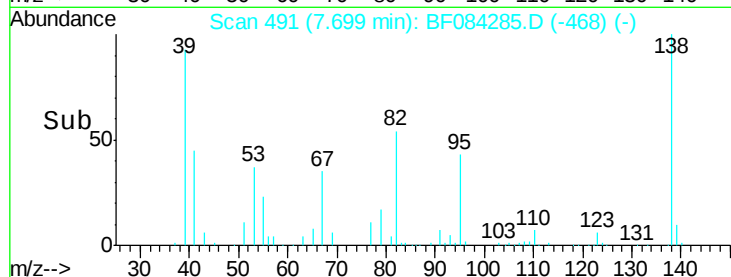
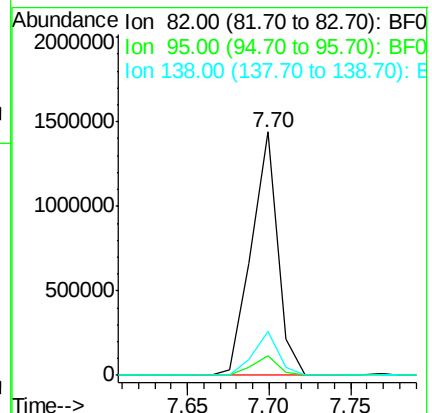
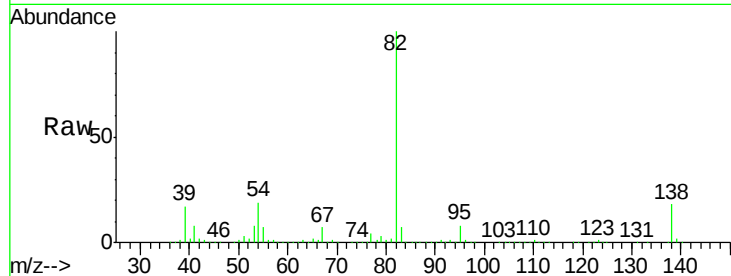
95 7.9 6.6 10.0

138 18.2 13.6 20.4

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#26

2-Nitrophenol

Concen: 51.89 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

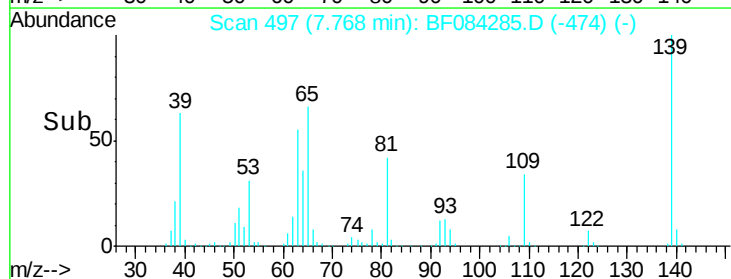
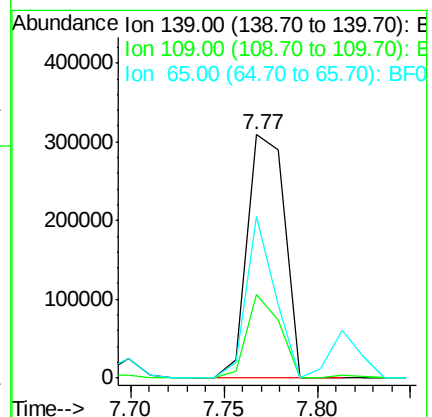
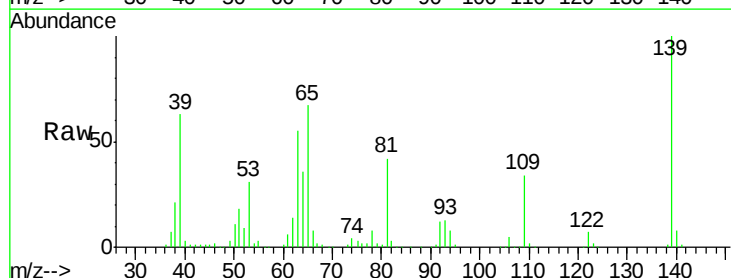
Tgt Ion: 139 Resp: 426867

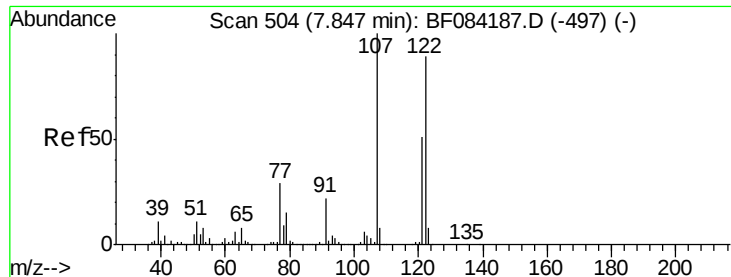
Ion Ratio Lower Upper

139 100

109 34.4 25.4 38.2

65 66.5 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 44.48 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

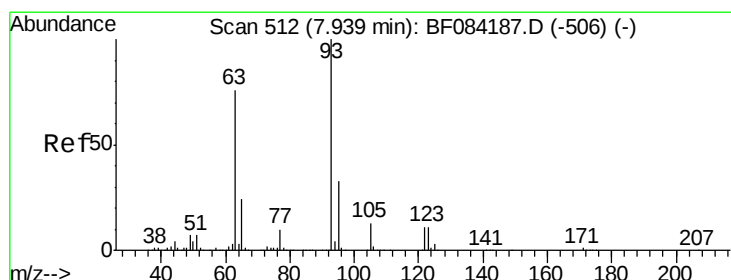
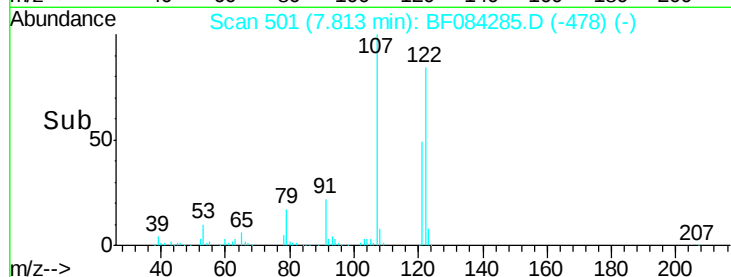
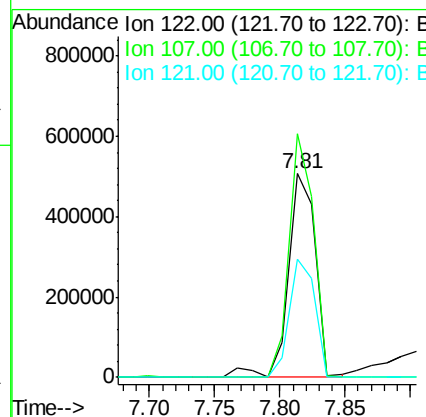
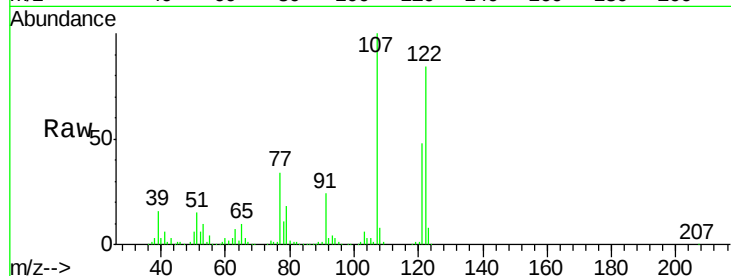
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:	122	Resp:	740632
Ion Ratio	Lower	Upper	
122	100		
107	119.4	99.1	148.7
121	57.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 47.56 ng

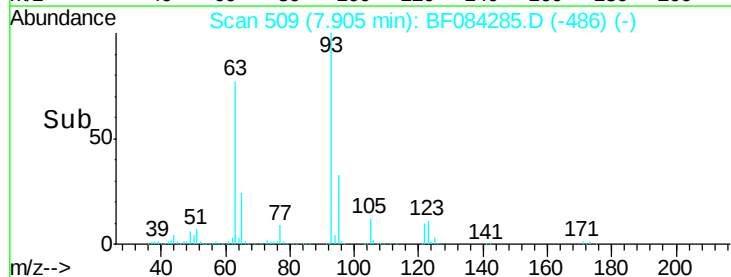
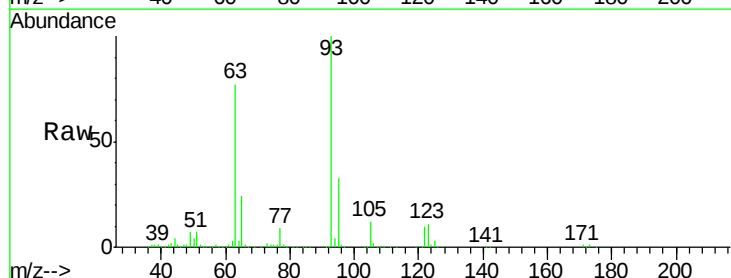
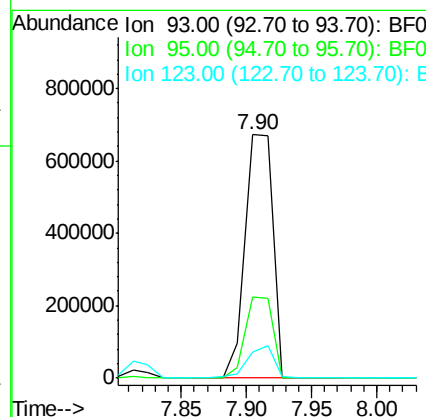
RT: 7.90 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:	93	Resp:	990151
Ion Ratio	Lower	Upper	
93	100		
95	33.3	25.8	38.6
123	10.8	8.6	12.8





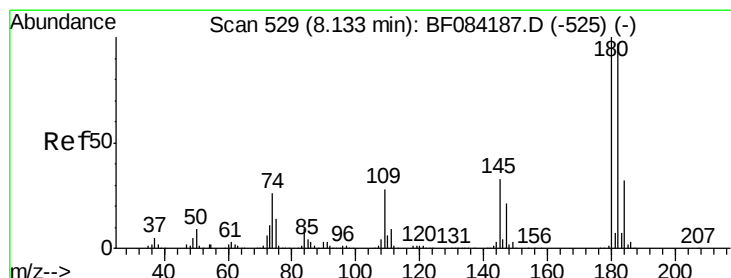
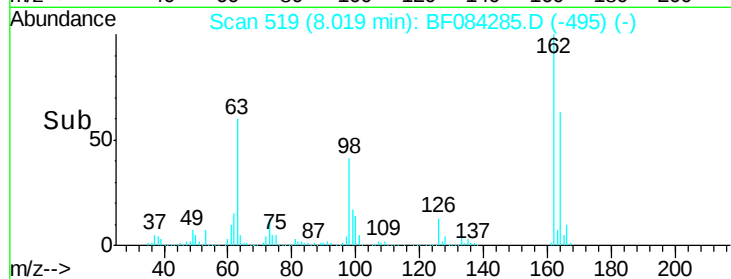
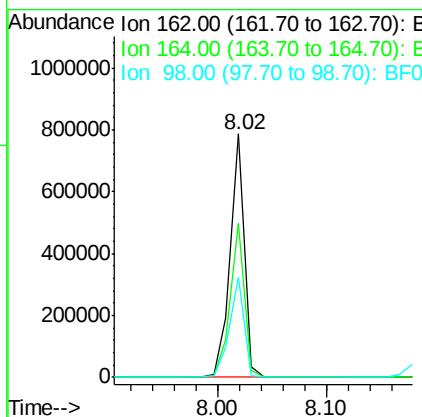
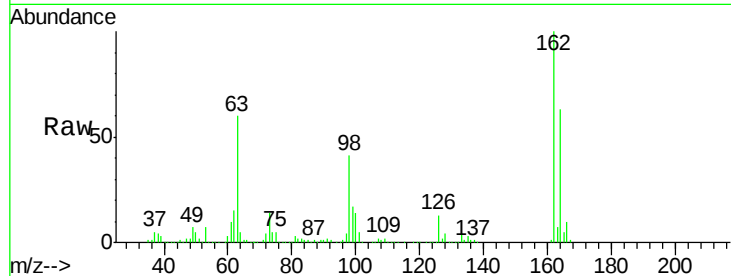
#29
 2,4-Dichlorophenol
 Concen: 50.68 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tot Ion:	162	Resp:	702934
Ion Ratio	Lower	Upper	
162	100		
164	63.1	44.1	84.1
98	41.0	20.2	60.2

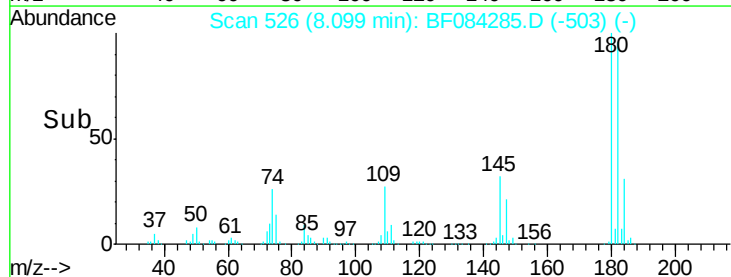
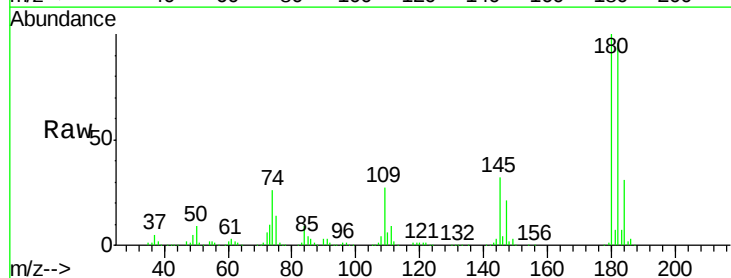
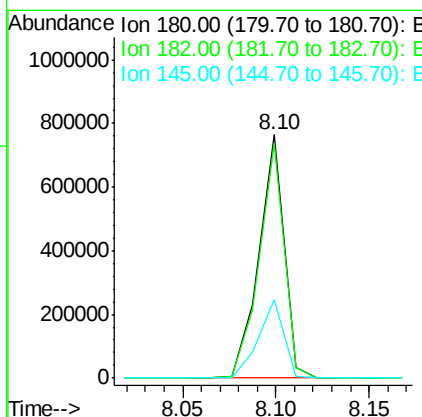
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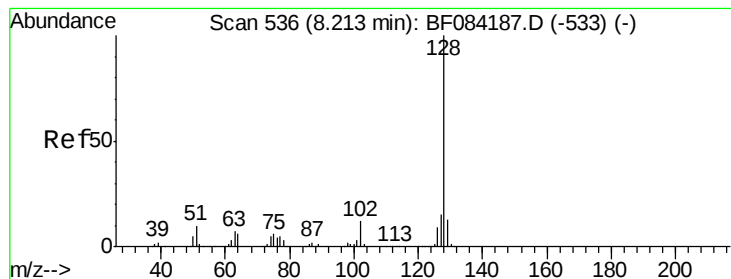
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.49 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion:	180	Resp:	708657
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.4	114.6
145	32.0	31.6	47.4





#31

Naphthalene

Concen: 47.34 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

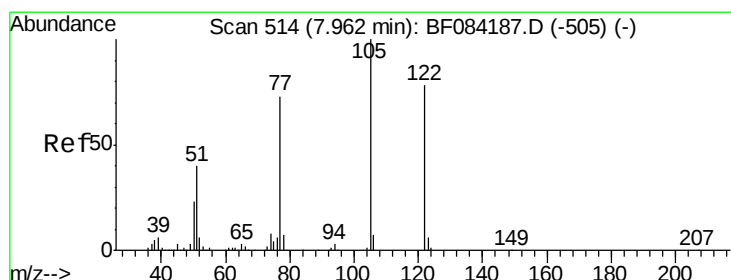
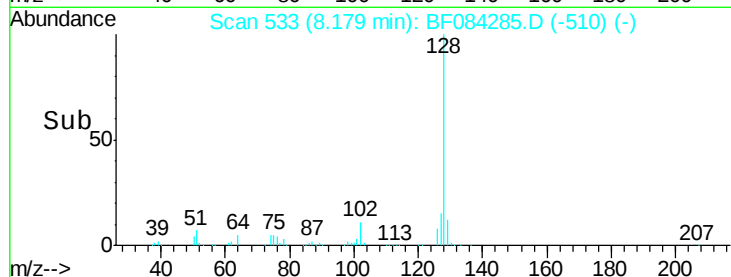
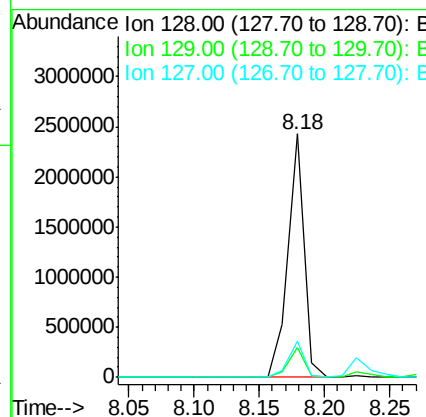
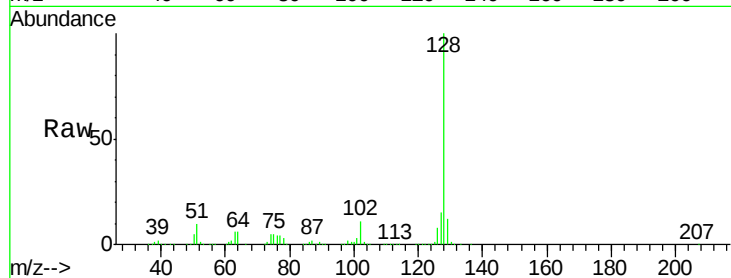
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:	128	Resp:	2130355
Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.8	11.1	16.7

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#32

Benzoic acid

Concen: 25.63 ng

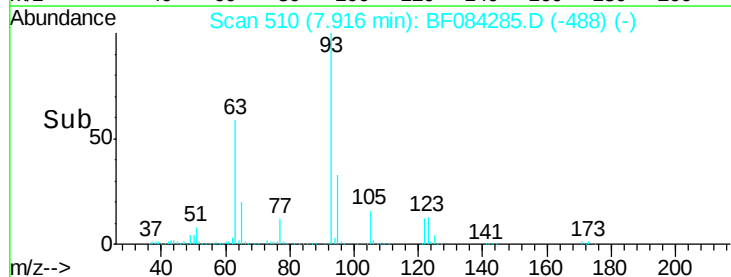
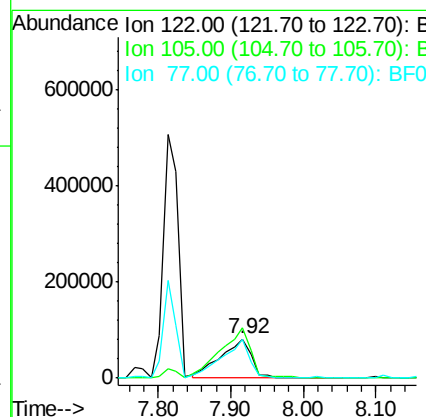
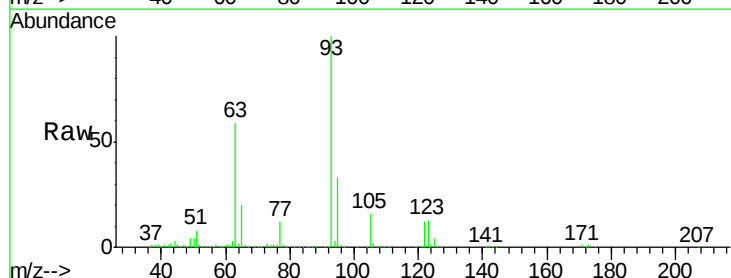
RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:	122	Resp:	238631
Ion	Ratio	Lower	Upper
122	100		
105	129.8	100.3	140.3
77	100.8	63.5	103.5





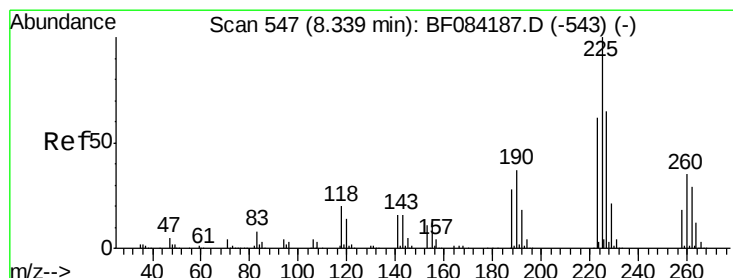
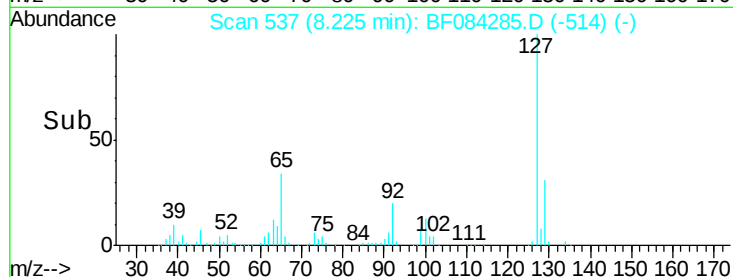
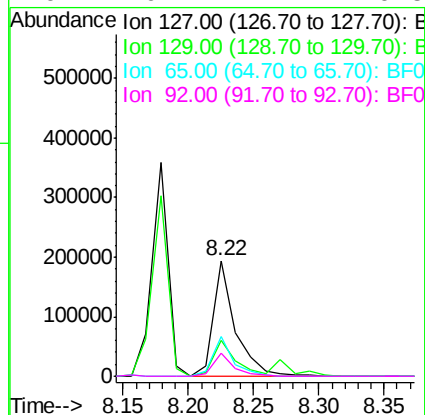
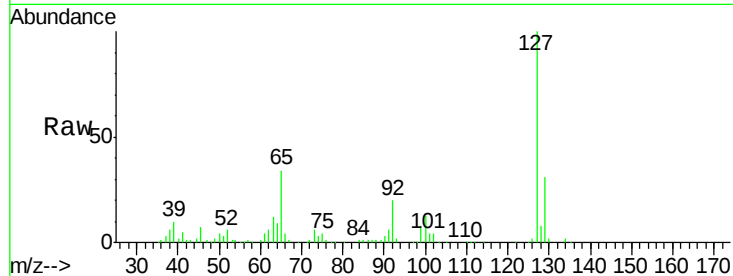
#33
4-Chloroaniline
Concen: 11.04 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		227675		
129	31.1	26.5	39.7		
65	34.2	27.2	40.8		
92	20.2	17.7	26.5		

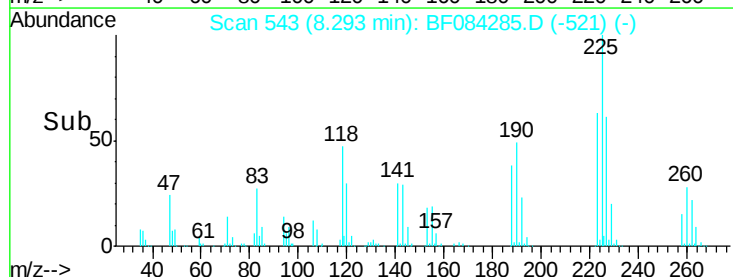
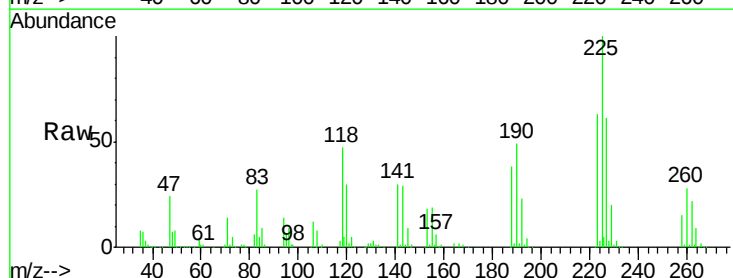
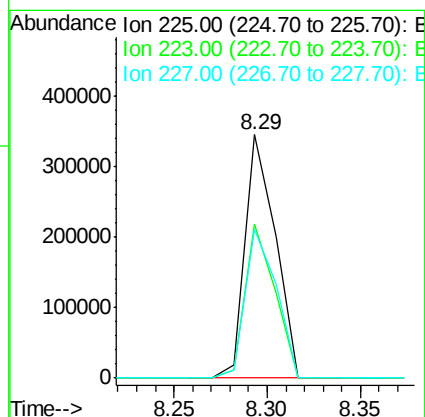
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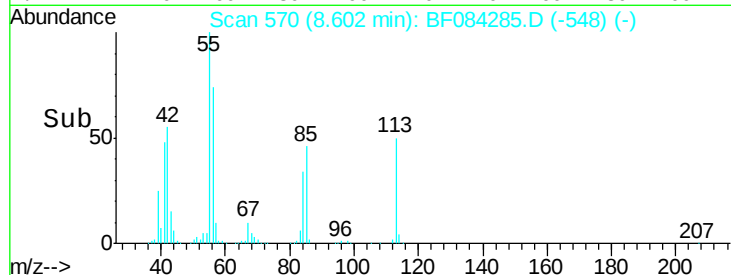
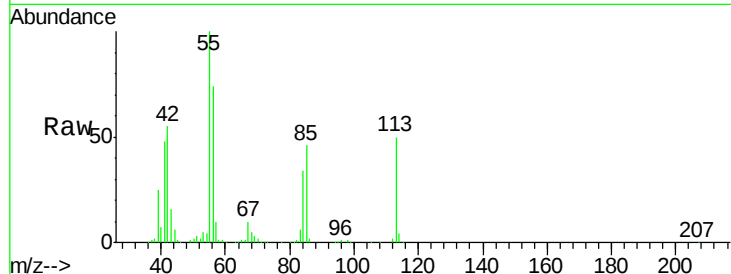
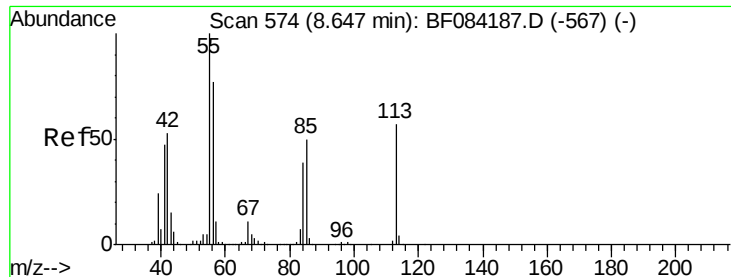
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#34
Hexachlorobutadiene
Concen: 46.92 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		386225		
223	63.1	49.4	74.0		
227	61.1	50.8	76.2		





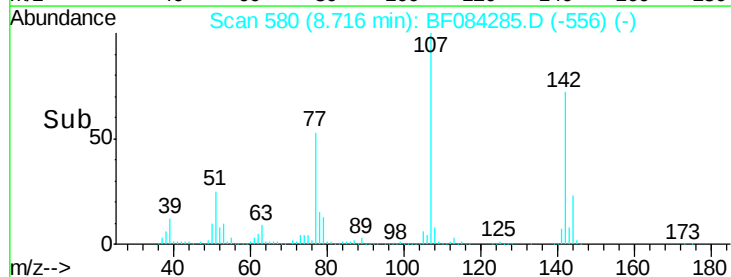
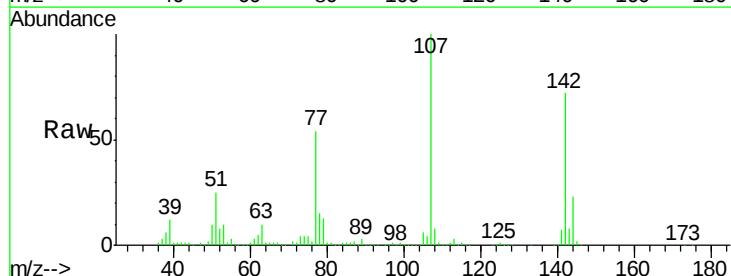
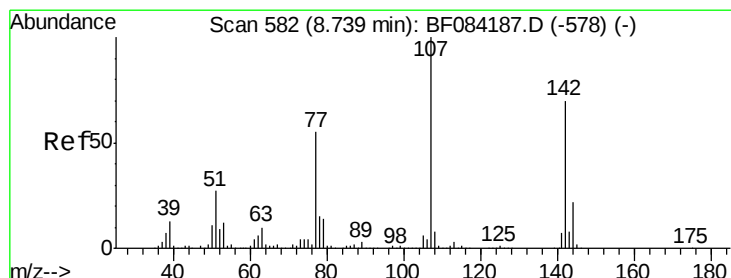
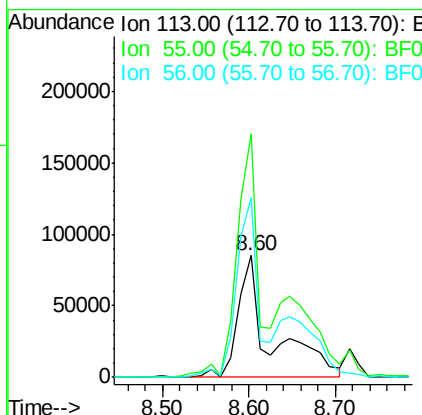
#35
Caprolactam
Concen: 47.99 ng/ml
RT: 8.60 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.4	116.9	156.9#
56	147.5	93.8	133.8#

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

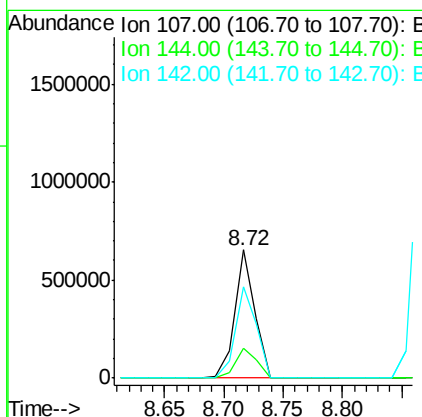
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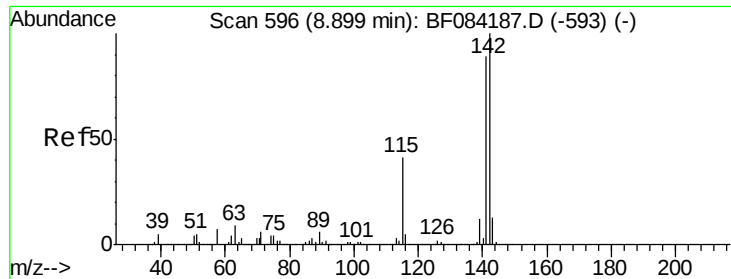
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#36
4-Chloro-3-methylphenol
Concen: 49.04 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.8	19.7	29.5
142	71.5	61.8	92.6





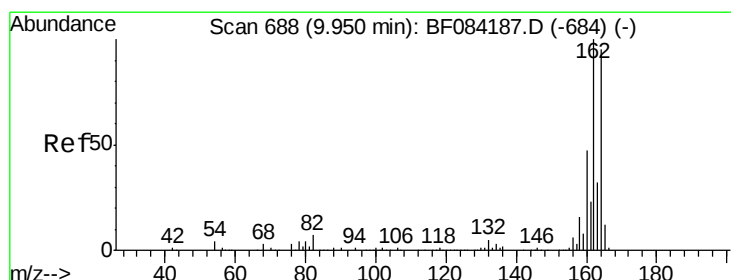
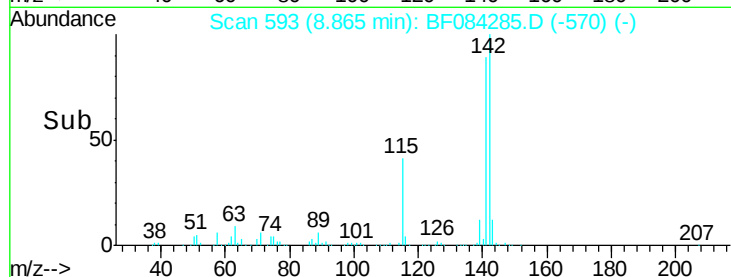
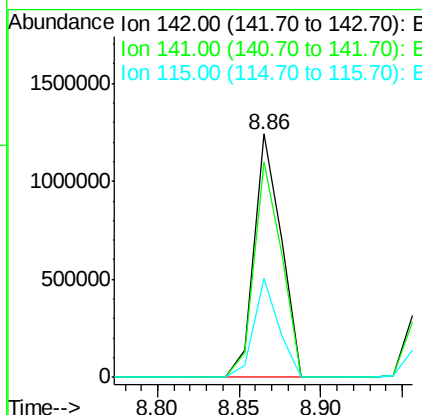
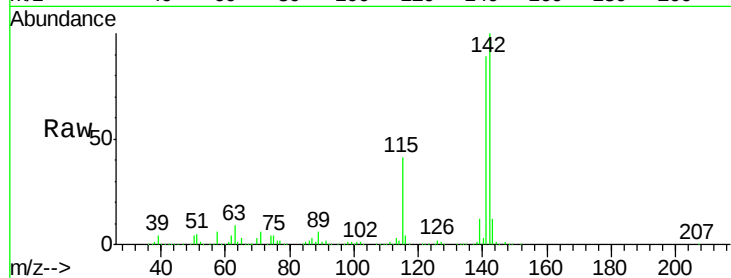
#37
2-Methylnaphthalene
Concen: 44.25 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion:142 Resp: 1429539
Ion Ratio Lower Upper
142 100
141 88.7 72.4 108.6
115 40.6 27.9 41.9

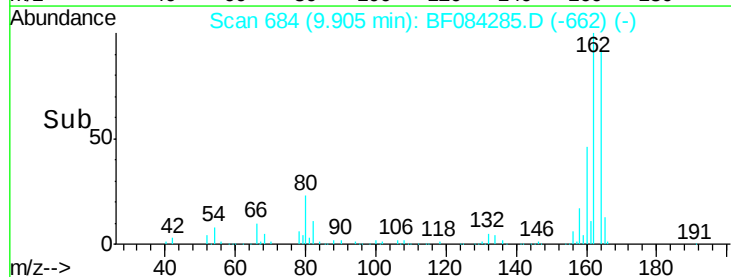
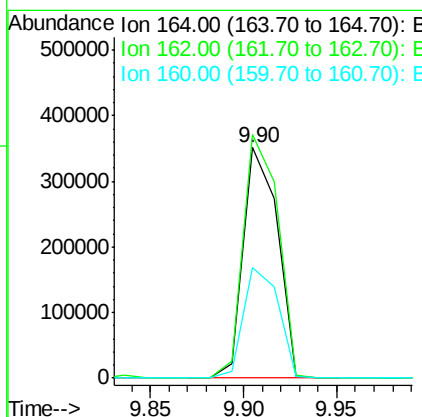
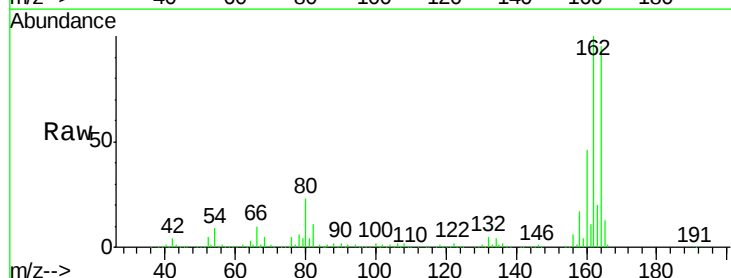
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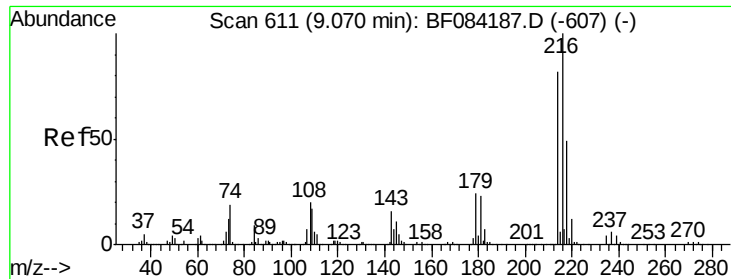
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:164 Resp: 444734
Ion Ratio Lower Upper
164 100
162 105.7 85.1 127.7
160 48.1 37.5 56.3





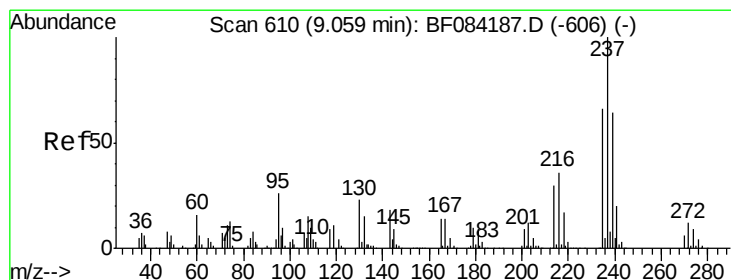
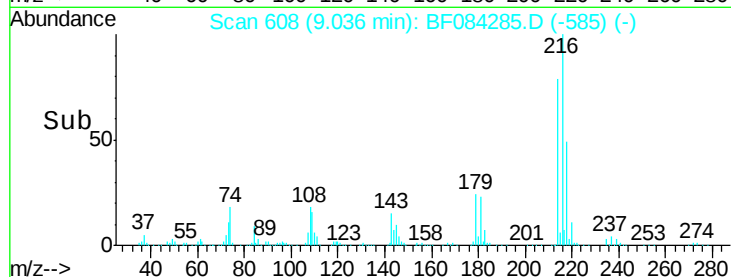
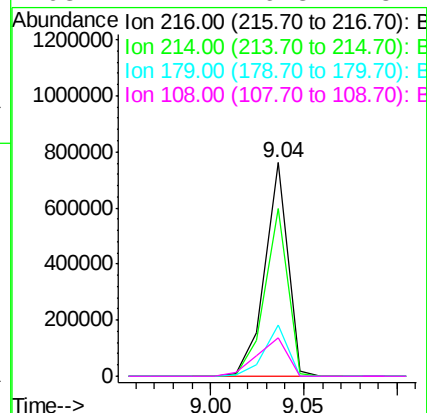
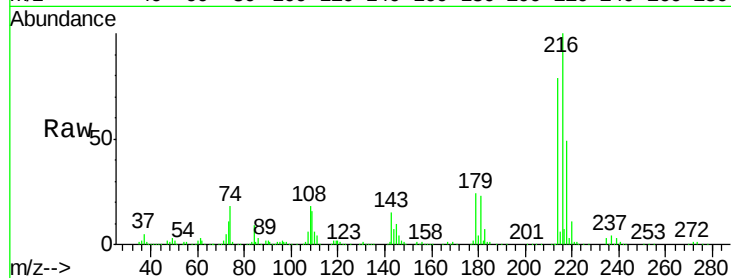
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.47 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Manual Integrations
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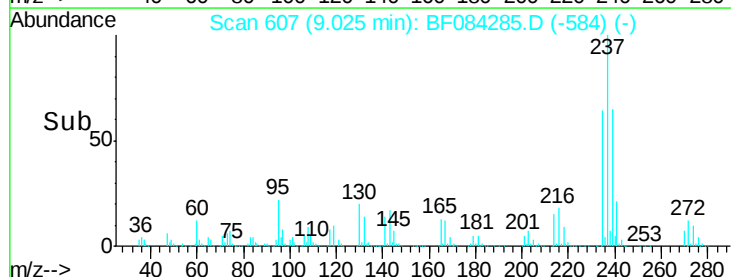
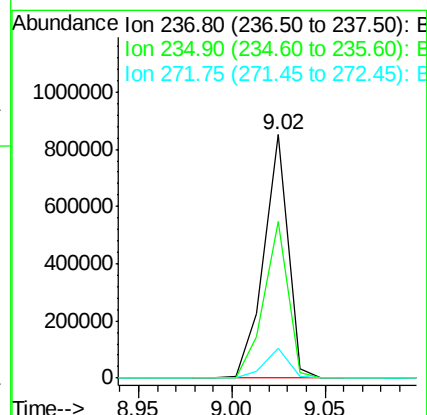
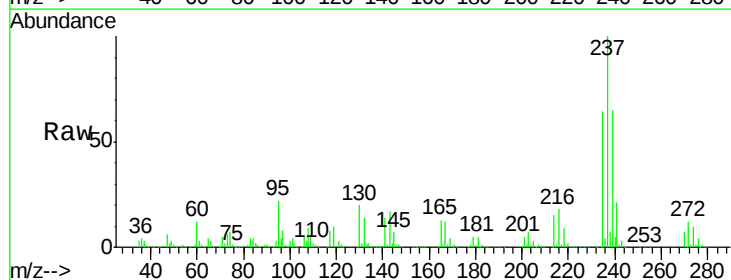
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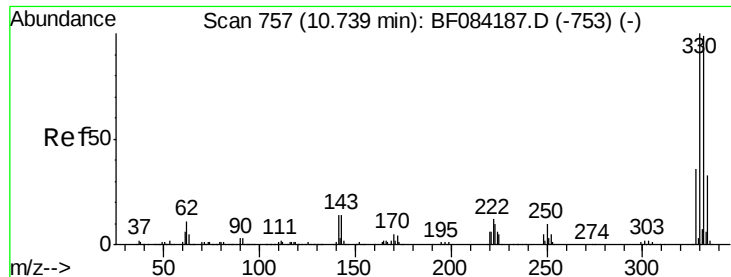
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.1		64.2	96.2	
179	24.4		18.7	28.1	
108	24.4		16.8	25.2	



#40
 Hexachlorocyclopentadiene
 Concen: 98.87 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.4		43.1	83.1	
272	12.3		0.0	35.1	





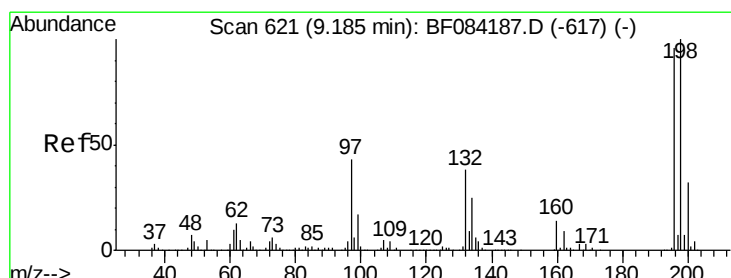
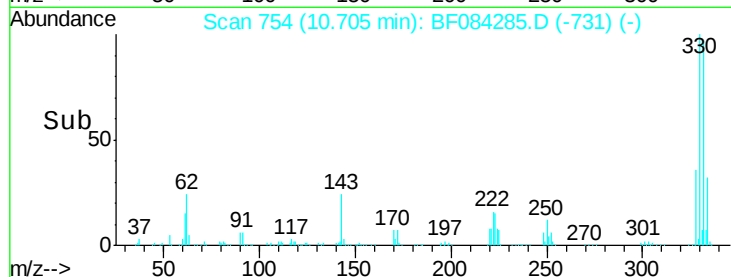
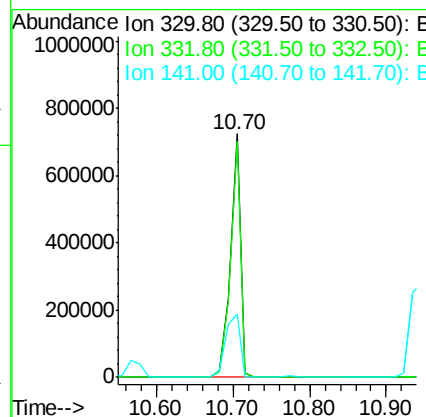
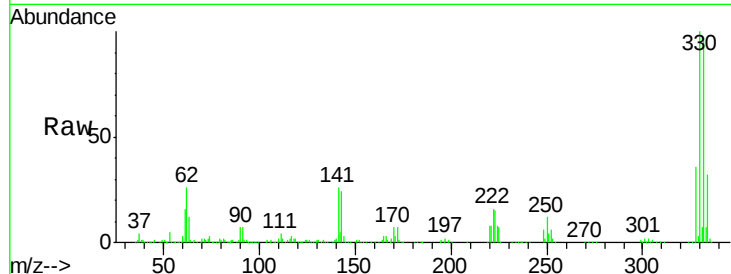
#41
 2,4,6-Tribromophenol
 Concen: 152.43 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	684400		
332	96.7	76.6	114.8	
141	36.7	27.8	41.6	

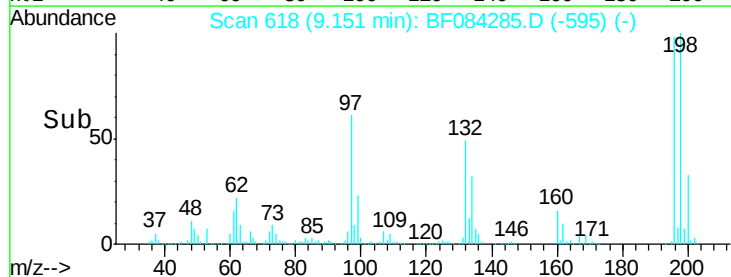
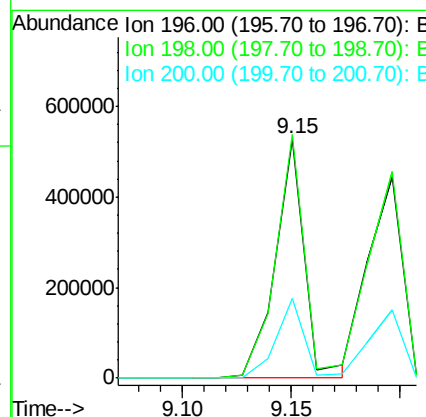
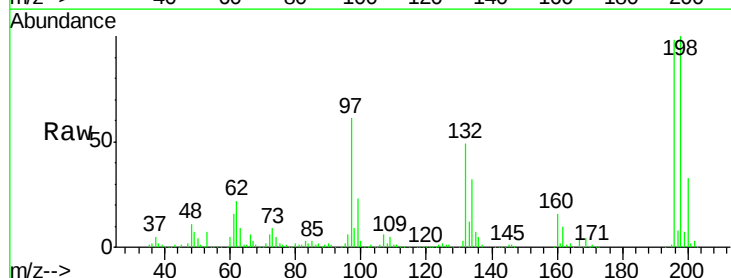
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#42
 2,4,6-Trichlorophenol
 Concen: 52.03 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

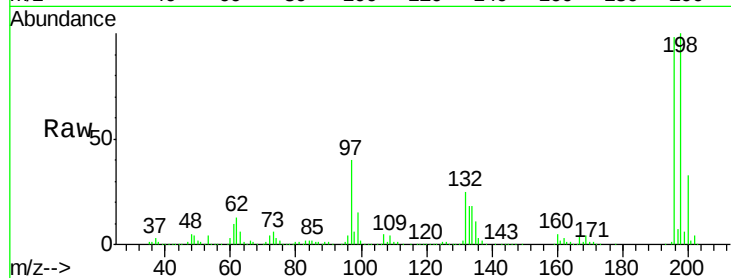
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	497723		
198	101.9	77.7	116.5	
200	33.3	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 52.70 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

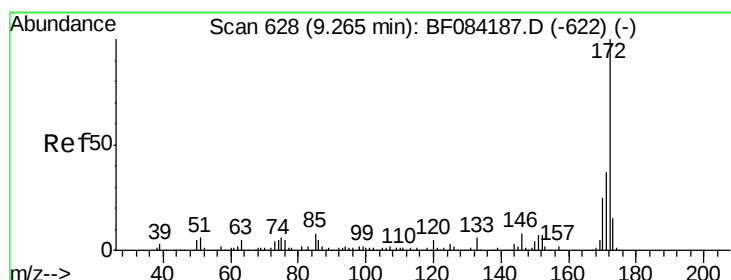
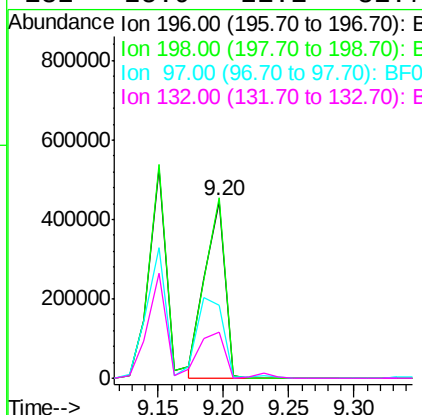
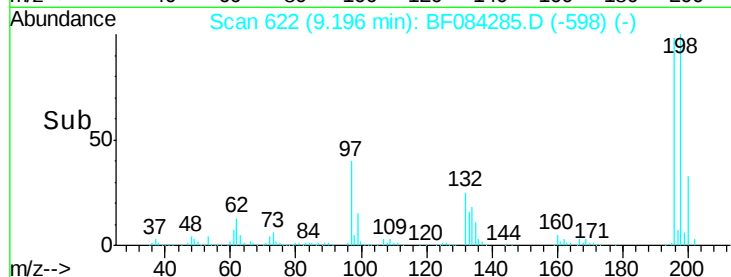
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD



Tot Ion	196	Resp	483249
Ion Ratio	Lower	Upper	
196	100		
198	102.3	79.0	118.6
97	41.1	33.0	49.6
132	25.9	21.1	31.7

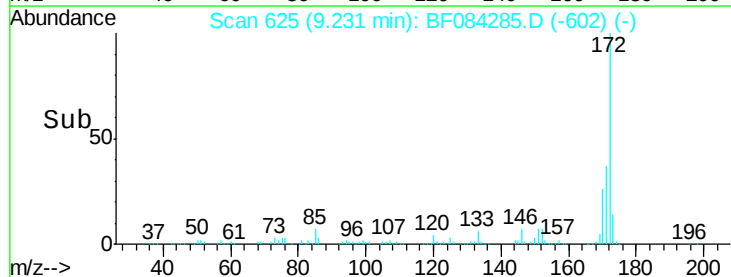
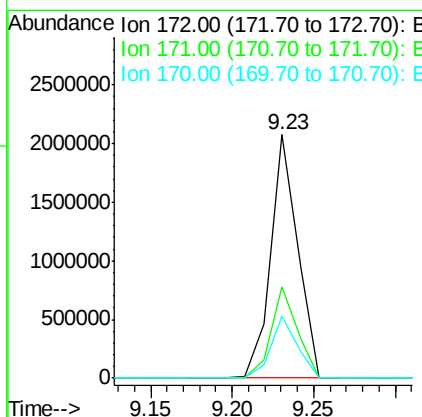
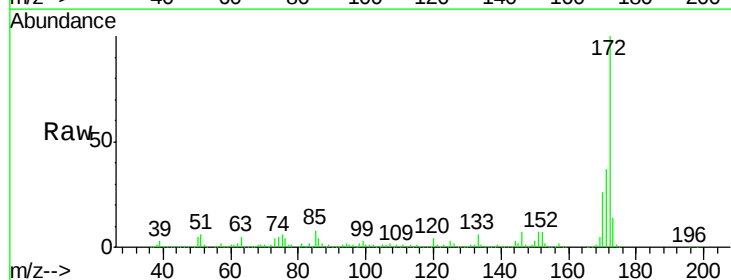
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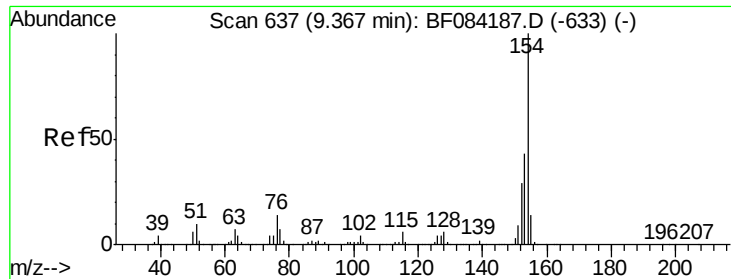
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#44
 2-Fluorobiphenyl
 Concen: 95.16 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	172	Resp	2386630
Ion Ratio	Lower	Upper	
172	100		
171	37.4	28.9	43.3
170	25.6	18.6	27.8





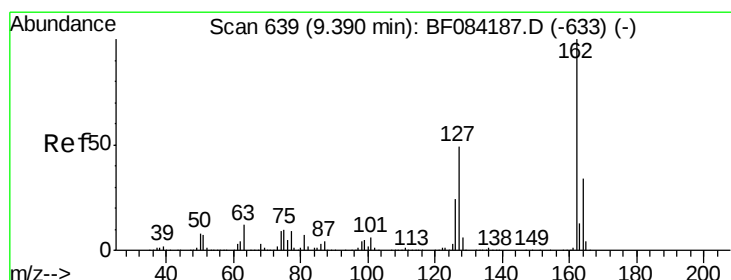
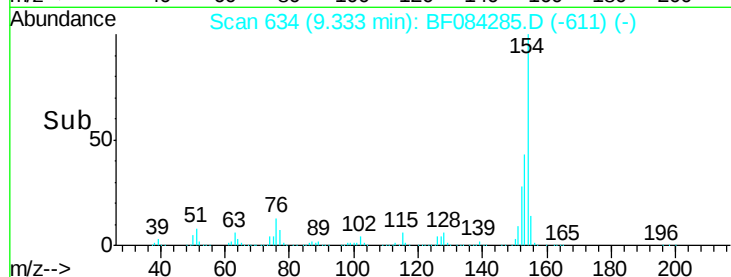
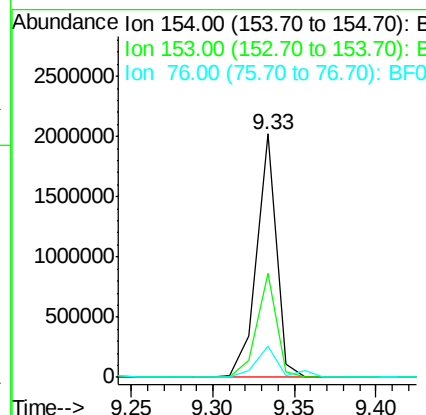
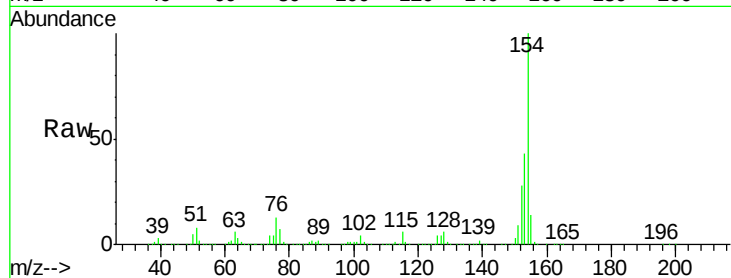
#45
1,1'-Biphenyl
Concen: 48.43 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion:154 Resp: 1711839
Ion Ratio Lower Upper
154 100
153 42.6 21.6 61.6
76 12.7 0.0 32.7

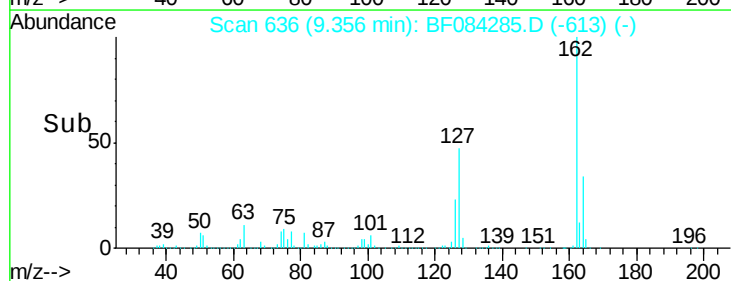
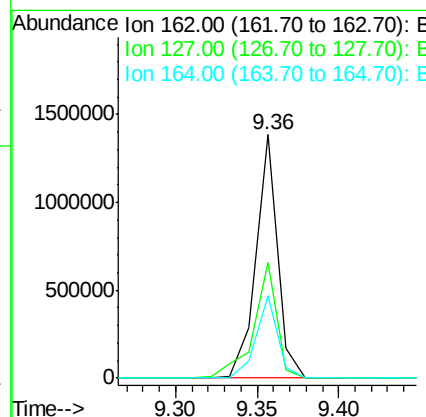
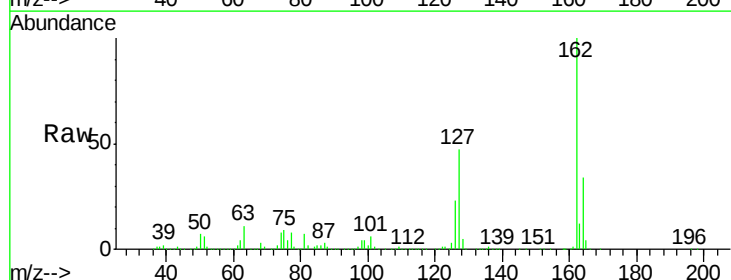
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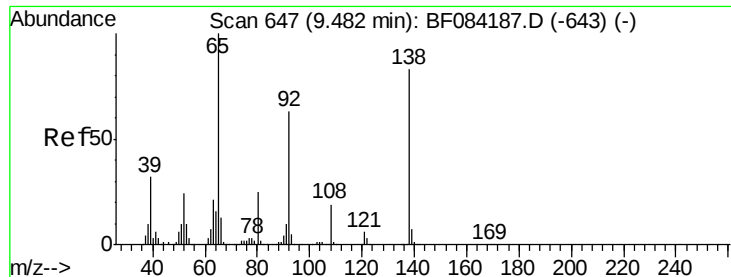
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#46
2-Chloronaphthalene
Concen: 45.79 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:162 Resp: 1271418
Ion Ratio Lower Upper
162 100
127 47.2 40.2 60.4
164 34.1 25.7 38.5





#47

2-Nitroaniline

Concen: 58.73 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

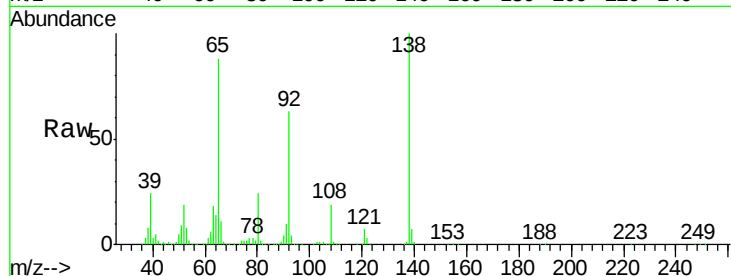
PJ-SB-4-21.0-21.5MSD

Tot Ion: 65 Resp: 538126
Ion Ratio Lower Upper

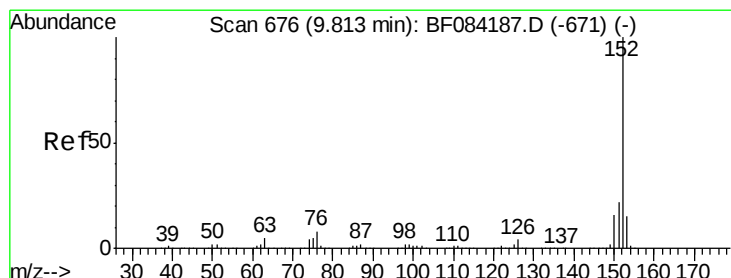
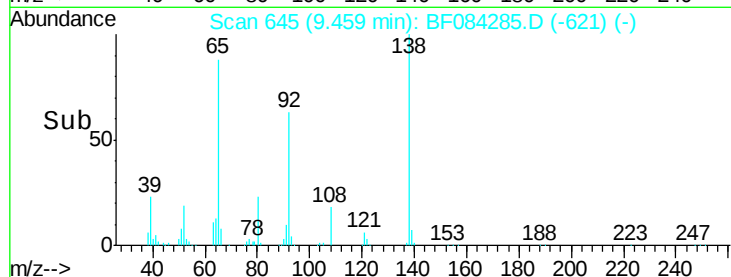
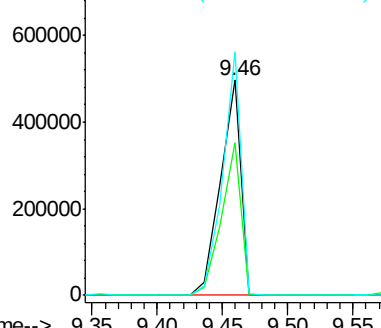
65	100		
92	70.9	53.4	80.2
138	113.2	71.1	106.7

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 51.23 ng

RT: 9.77 min Scan# 672

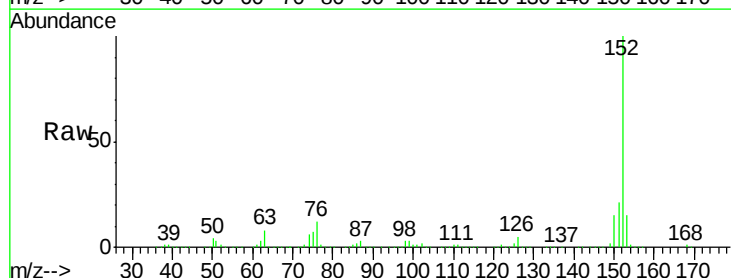
Delta R.T. -0.05 min

Lab File: BF084285.D

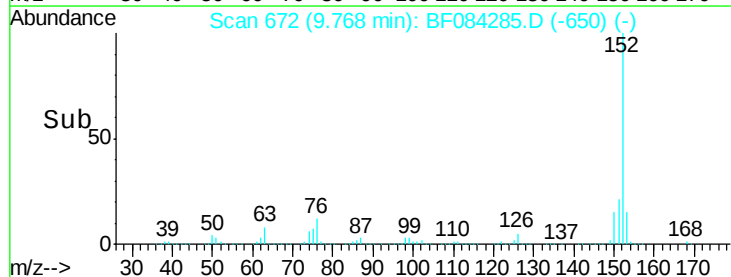
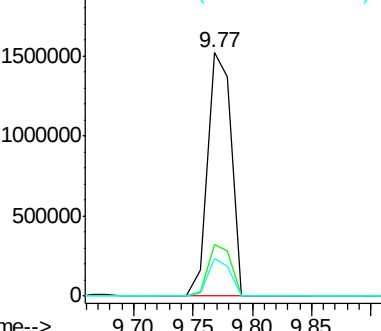
Acq: 6 Jan 2016 13:05

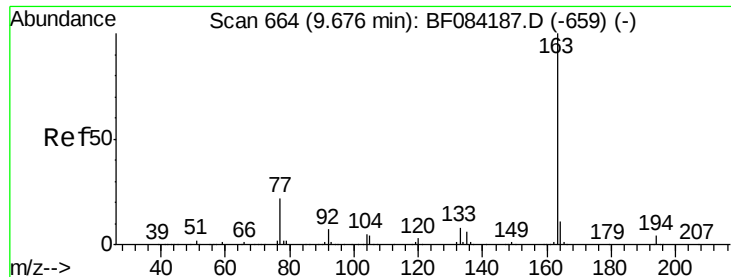
Tgt Ion: 152 Resp: 2101231
Ion Ratio Lower Upper

152	100		
151	21.0	16.3	24.5
153	15.4	10.4	15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





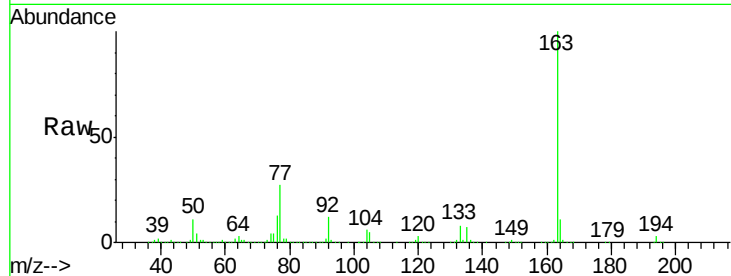
#49
Dimethylphthalate
Concen: 71.40 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

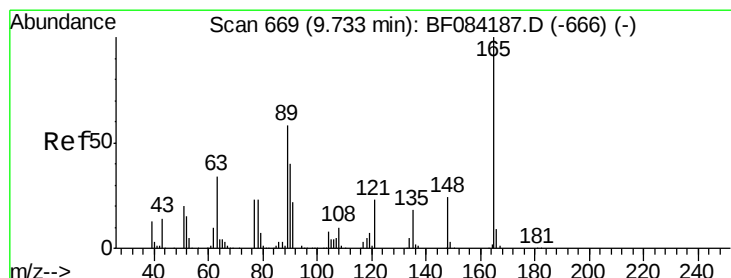
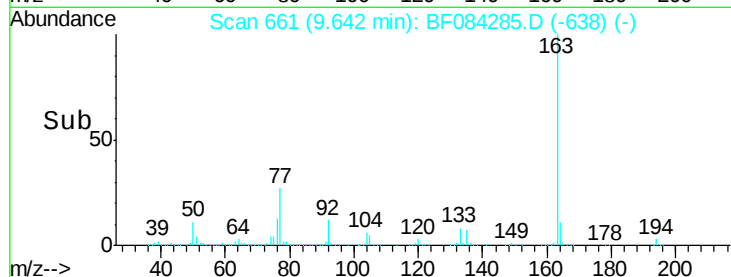
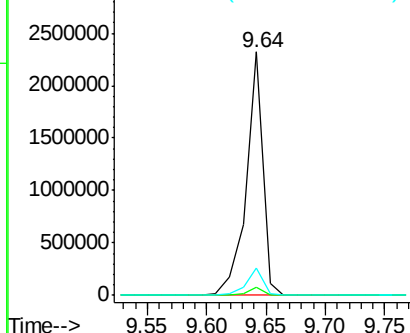
Tot Ion:163 Resp: 2270217
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 11.5 8.0 12.0

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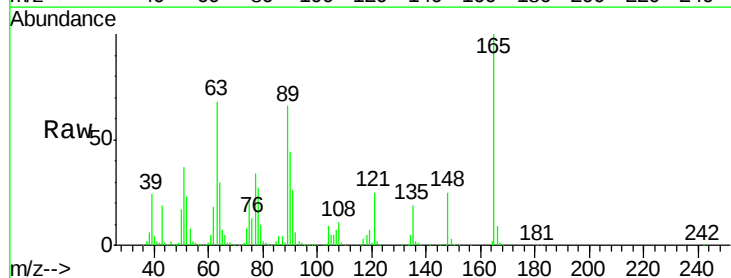


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

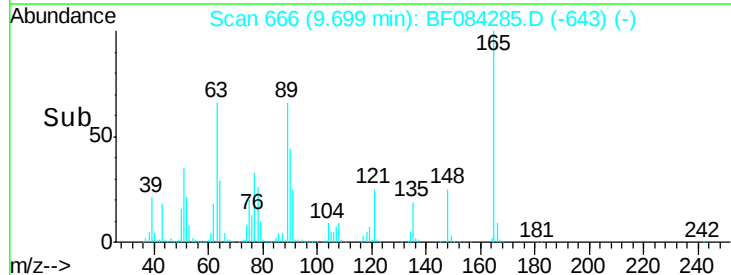
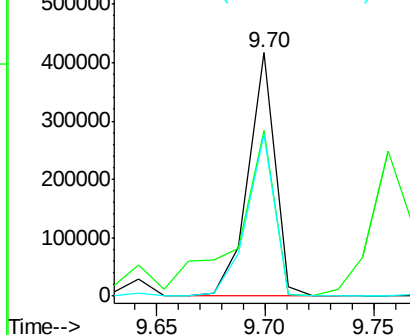


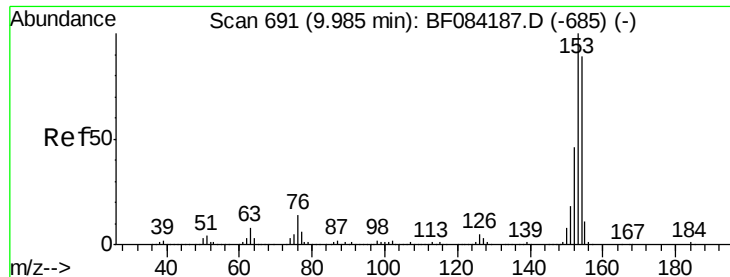
#50
2,6-Dinitrotoluene
Concen: 51.33 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:165 Resp: 357959
Ion Ratio Lower Upper
165 100
63 68.1 28.8 43.2#
89 66.3 35.1 52.7#



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





#51

Acenaphthene

Concen: 57.43 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:154 Resp: 1580104

Ion Ratio Lower Upper

154 100

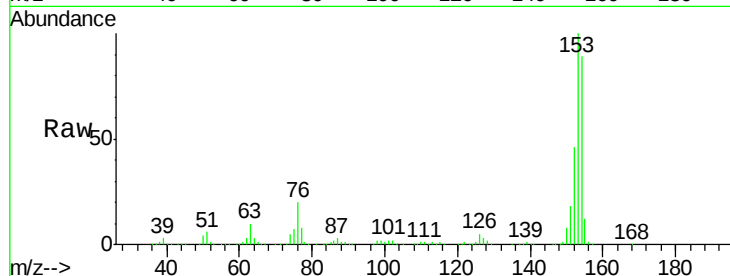
153 112.6 91.5 137.3

152 52.0 43.0 64.6

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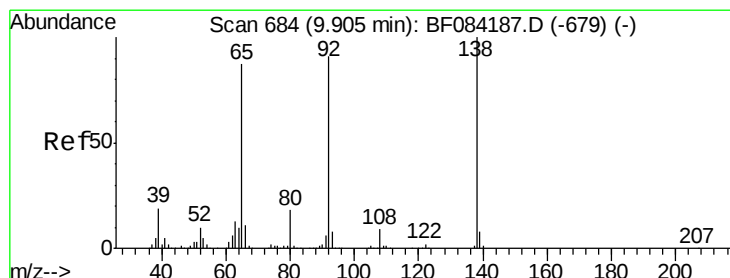
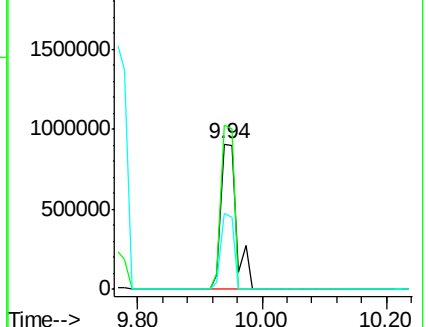
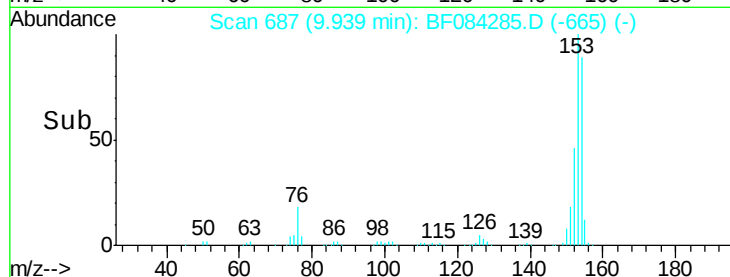
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.44 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

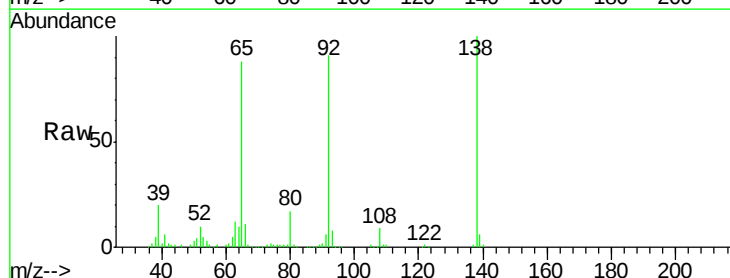
Tgt Ion:138 Resp: 245720

Ion Ratio Lower Upper

138 100

108 9.4 10.5 15.7#

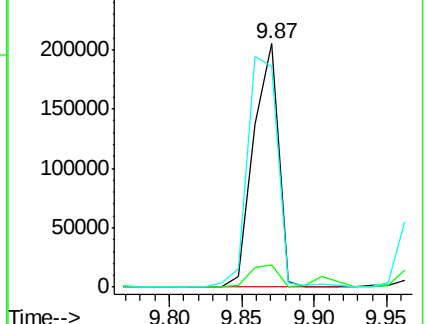
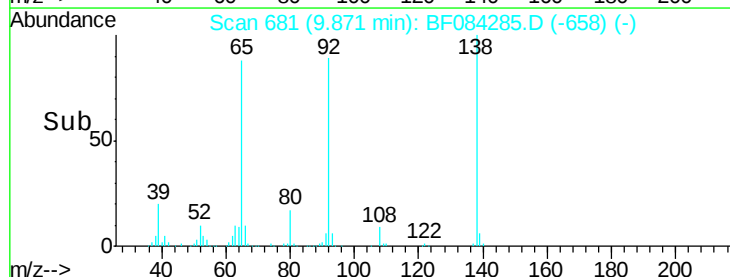
92 90.7 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





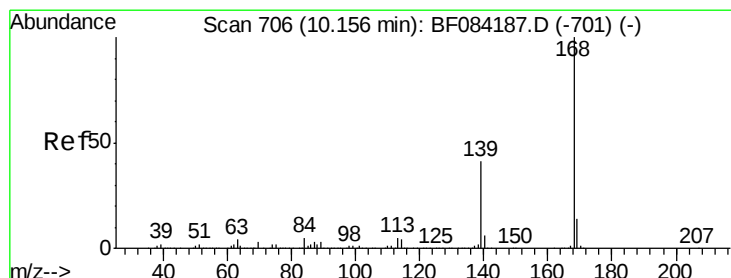
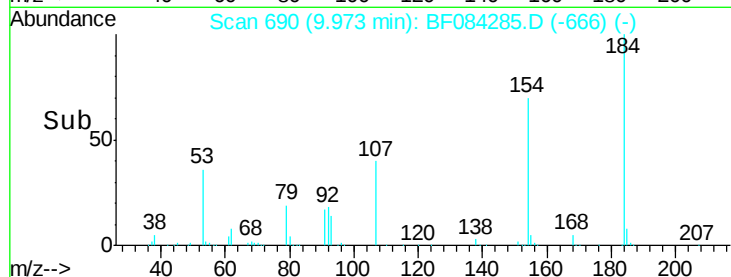
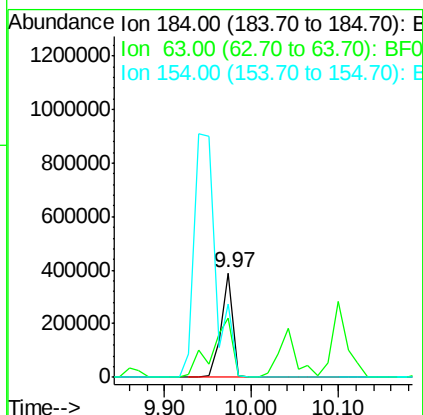
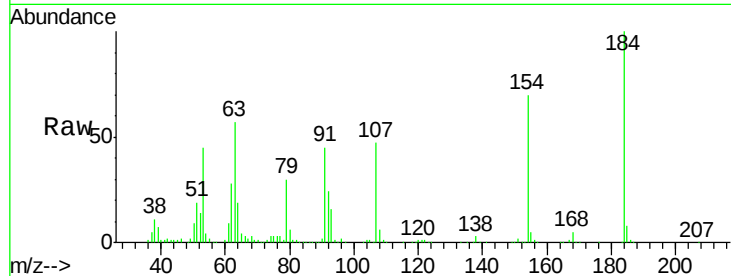
#53
2,4-Dinitrophenol
Concen: 125.53 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	379165		
63	57.1	43.1	64.7	
154	70.5	60.5	90.7	

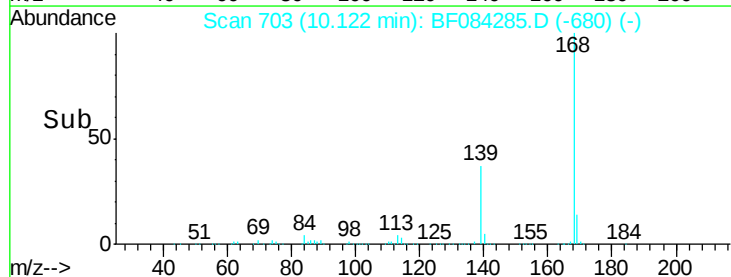
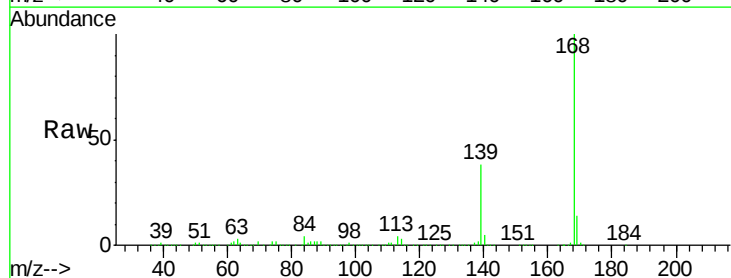
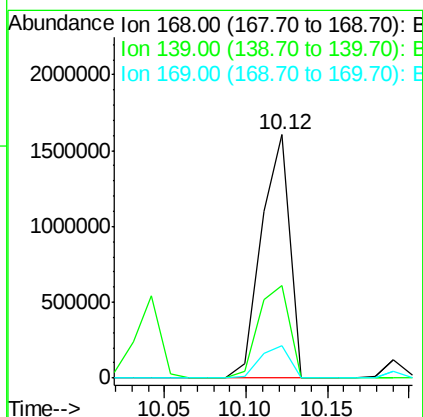
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#54
Dibenzofuran
Concen: 54.60 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1923058		
139	38.1	30.5	45.7	
169	13.6	10.4	15.6	





#55

4-Nitrophenol

Concen: 93.54 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

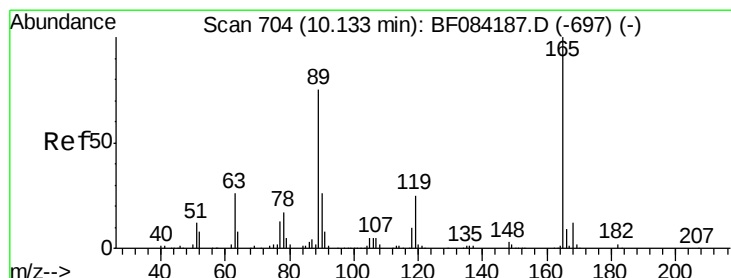
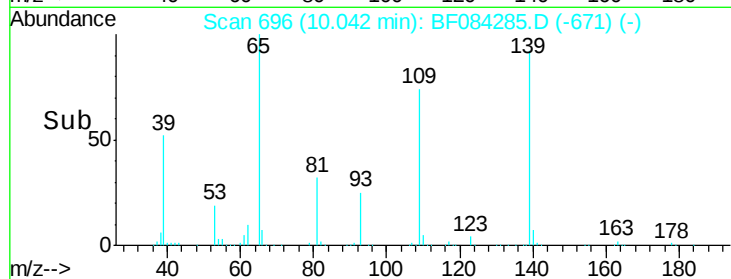
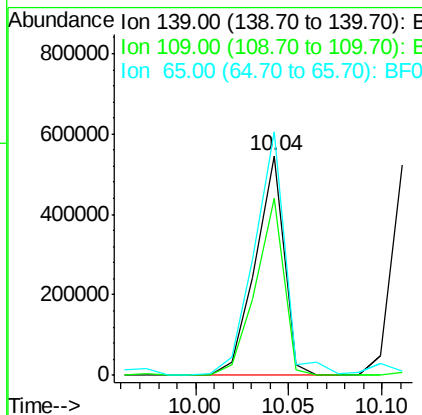
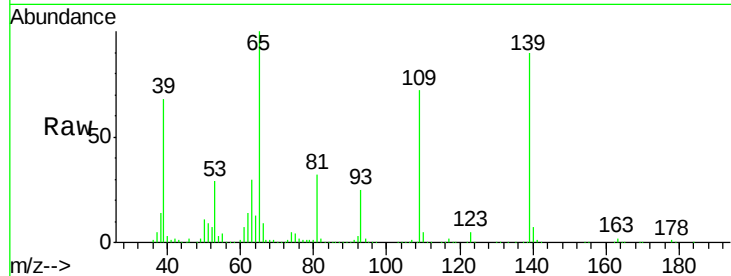
PJ-SB-4-21.0-21.5MSD

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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	80.3	58.5	98.5	
65	110.7	57.6	97.6	



#56

2,4-Dinitrotoluene

Concen: 50.03 ng

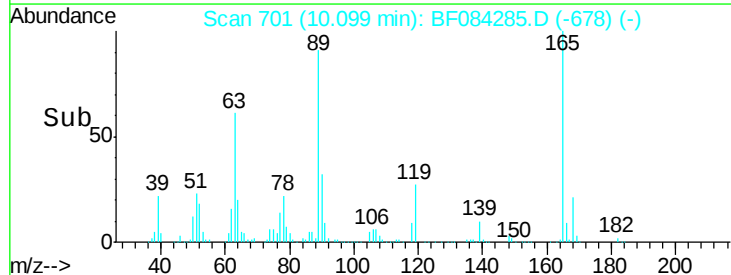
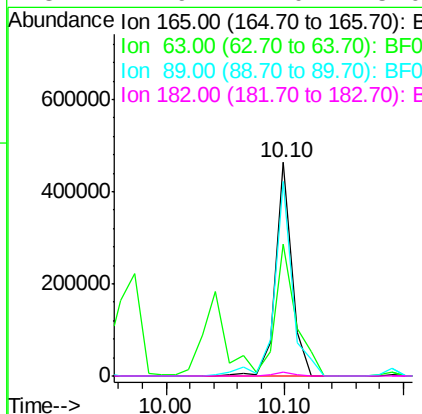
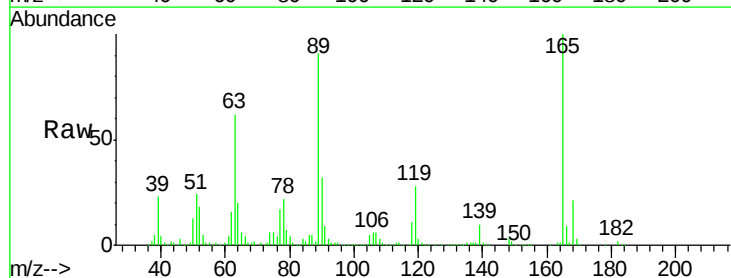
RT: 10.10 min Scan# 701

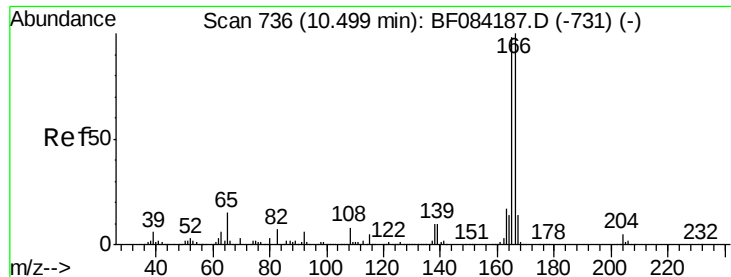
Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.5	36.7	55.1	
89	90.8	61.9	92.9	
182	1.9	2.0	3.0	





#57

Fluorene

Concen: 50.08 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:166 Resp: 1372666

Ion Ratio Lower Upper

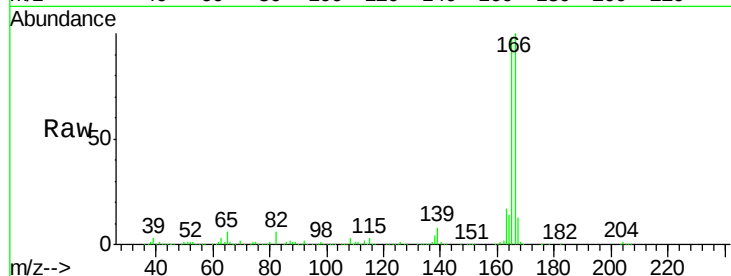
166 100

165 97.7 79.1 118.7

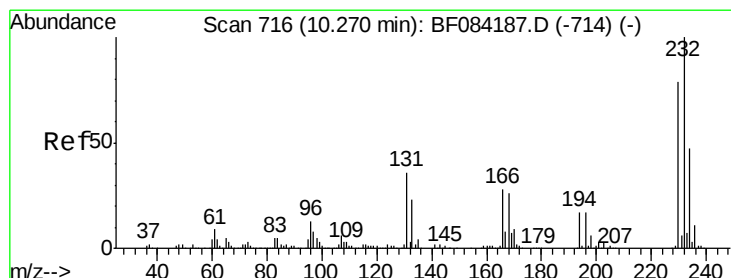
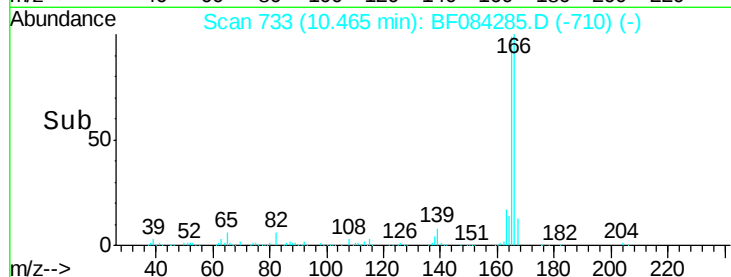
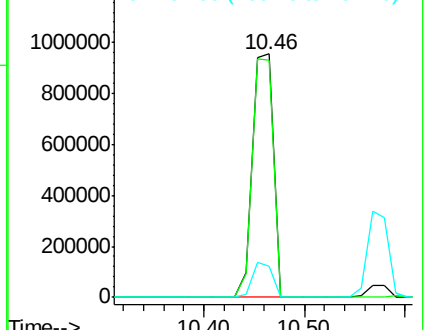
167 13.0 10.4 15.6

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.83 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:232 Resp: 405795

Ion Ratio Lower Upper

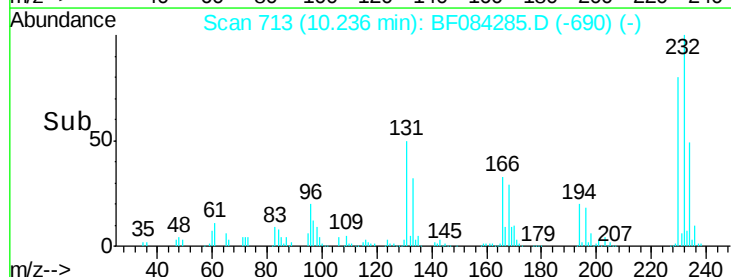
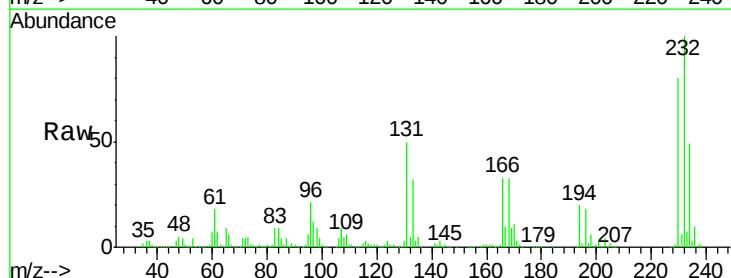
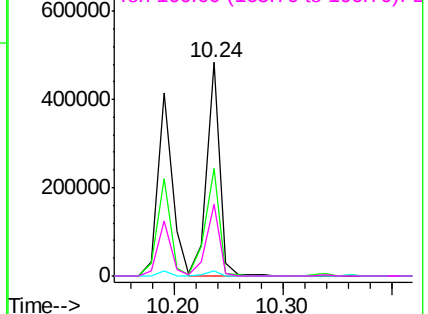
232 100

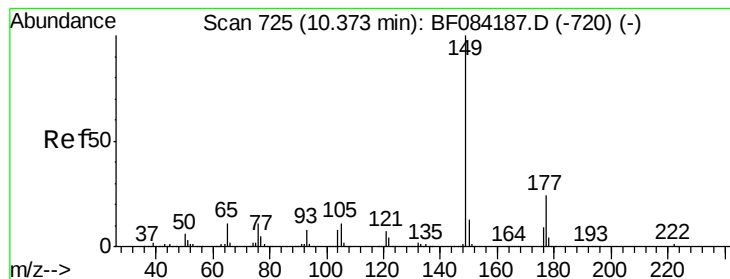
131 53.9 47.0 70.6

130 2.7 2.0 3.0

166 33.4 30.5 45.7

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





#59

Diethylphthalate

Concen: 50.67 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:149 Resp: 1588266

Ion Ratio Lower Upper

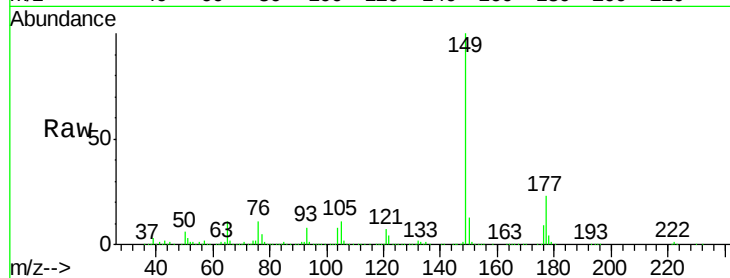
149 100

177 22.5 17.3 25.9

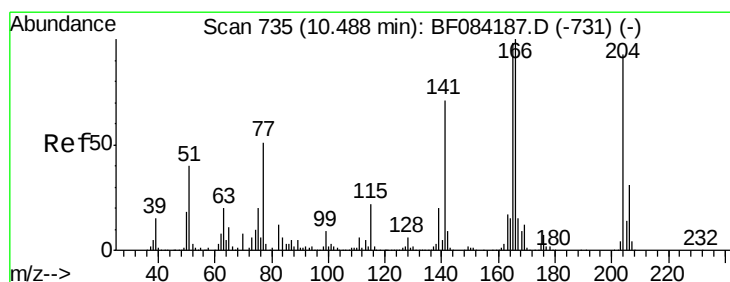
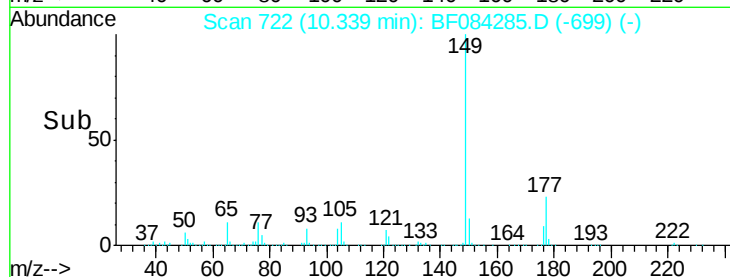
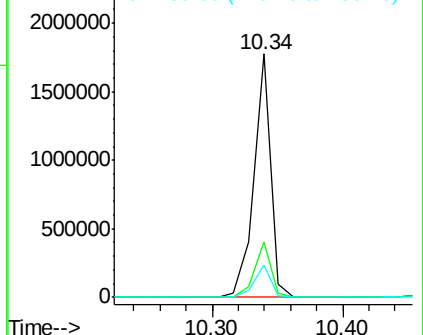
150 13.2 9.8 14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 63.40 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

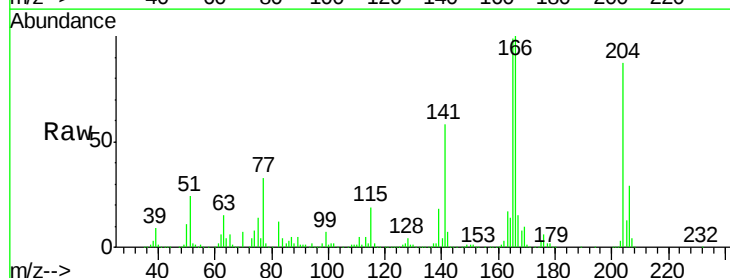
Tgt Ion:204 Resp: 699509

Ion Ratio Lower Upper

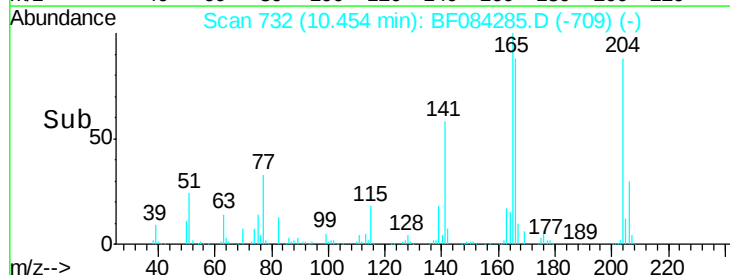
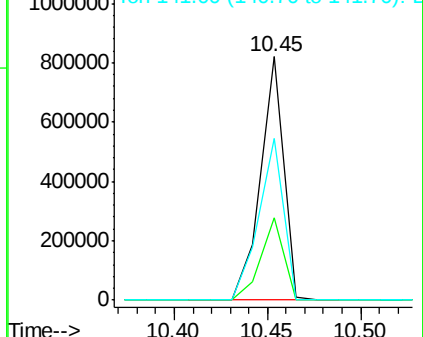
204 100

206 33.8 25.7 38.5

141 66.5 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





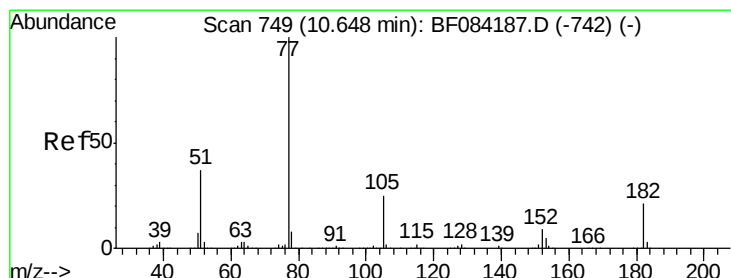
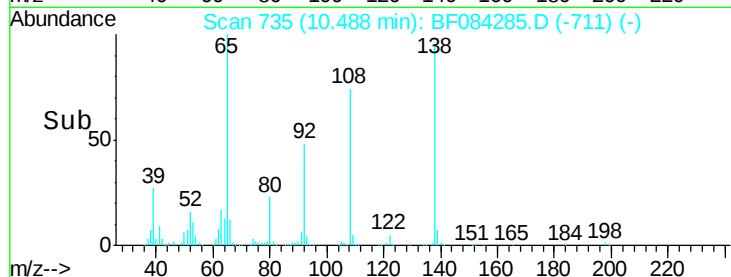
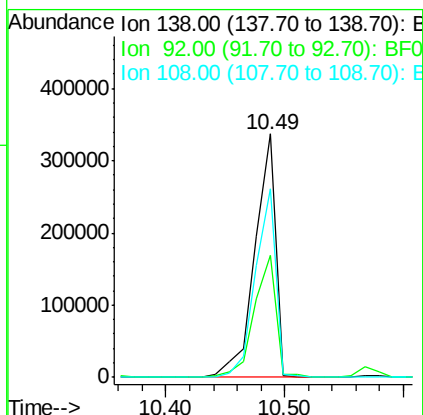
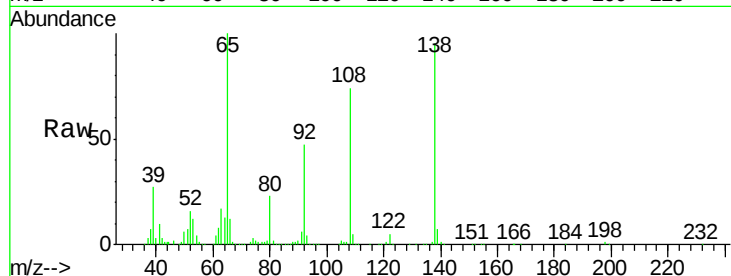
#61
4-Nitroaniline
Concen: 53.73 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	32.6	72.6
108	77.4	68.6	108.6

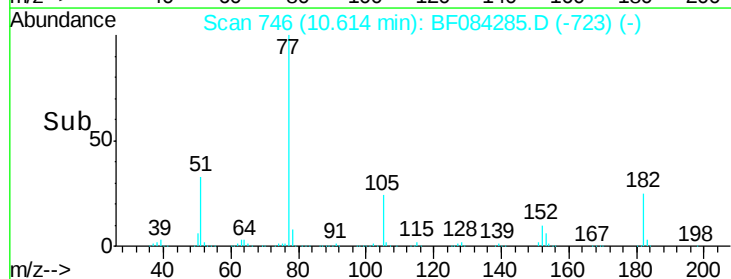
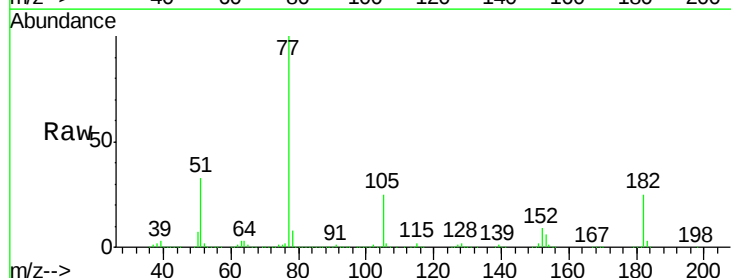
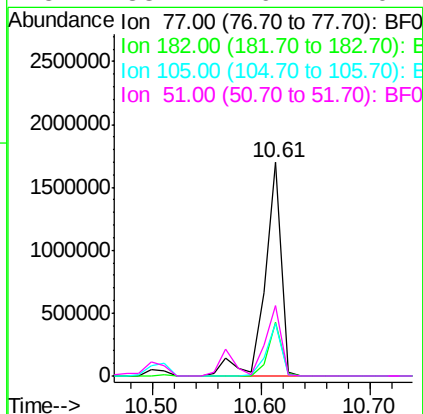
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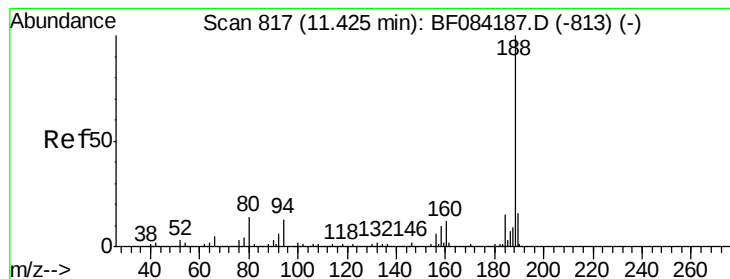
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#62
Azobenzene
Concen: 52.53 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	8.3	48.3
105	24.8	4.6	44.6
51	33.1	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

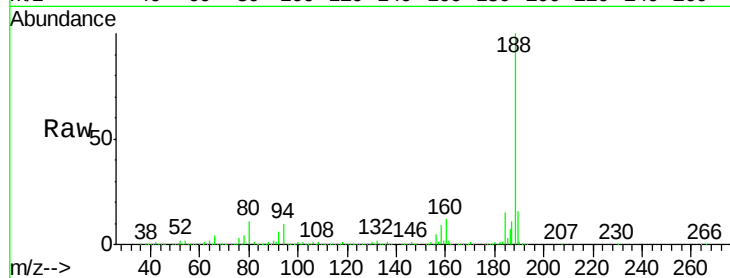
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:	188	Resp:	839774
Ion Ratio	Lower	Upper	
188	100		
94	10.0	9.0	13.4
80	11.4	9.6	14.4

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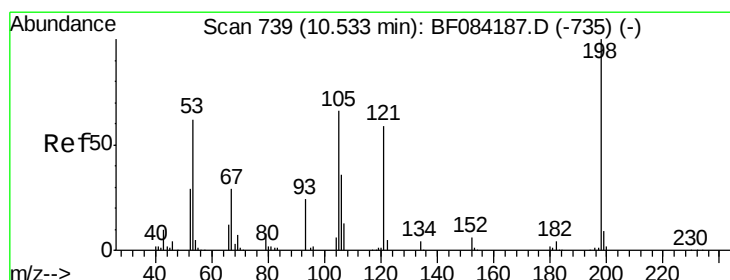
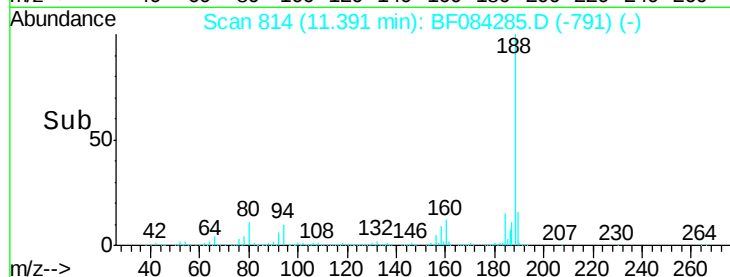
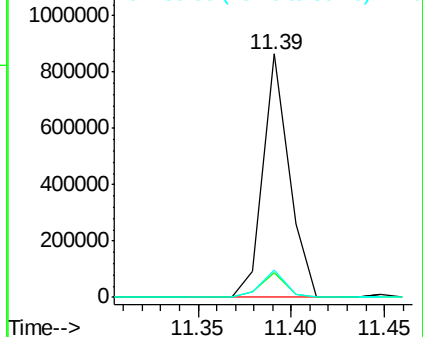
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 55.45 ng

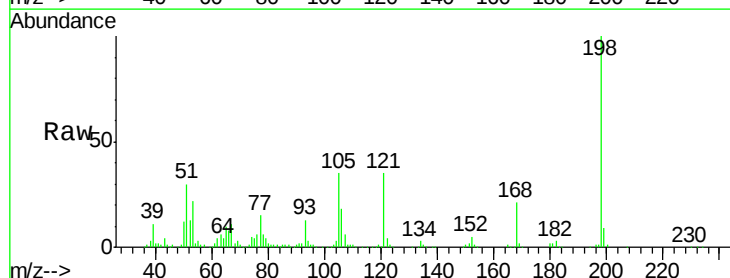
RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

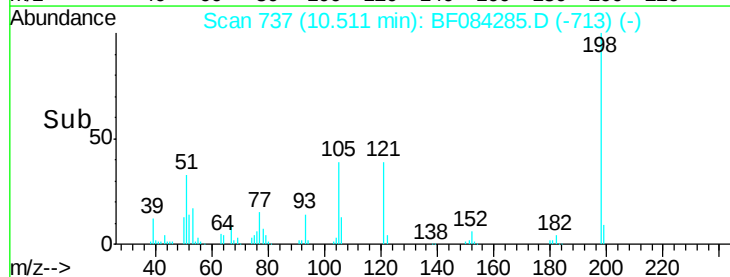
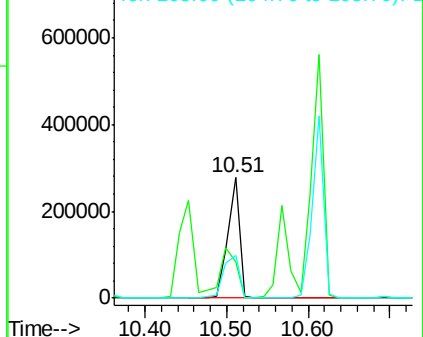
Tgt Ion:	198	Resp:	276949
Ion Ratio	Lower	Upper	
198	100		
51	29.6	18.9	58.9
105	35.1	26.4	66.4

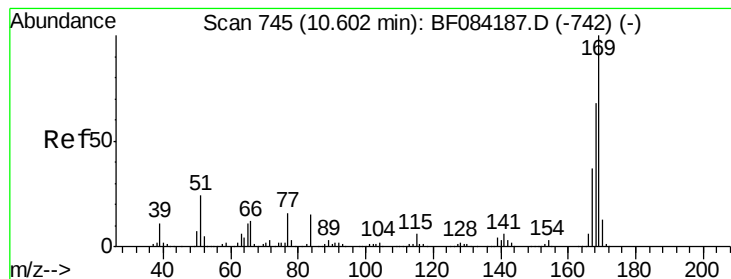


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





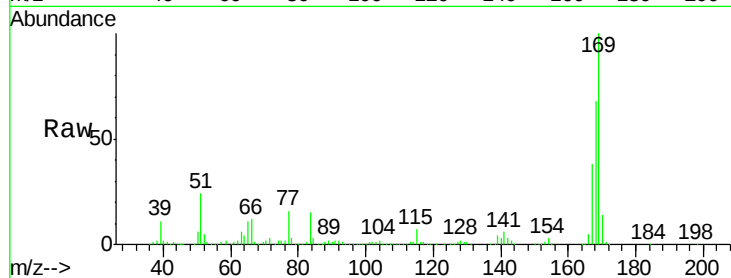
#65
n-Nitrosodiphenylamine
Concen: 47.30 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

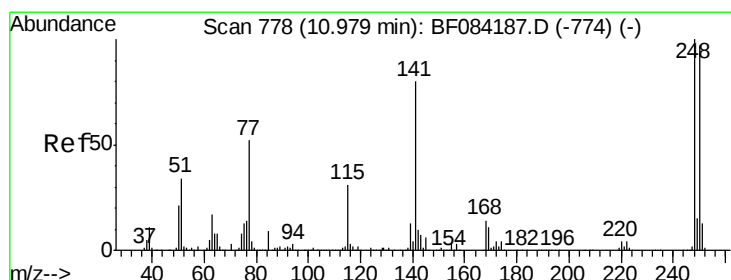
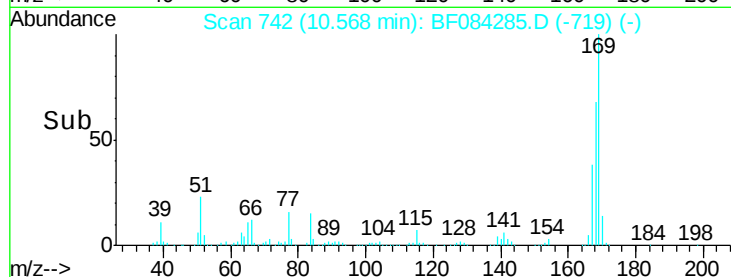
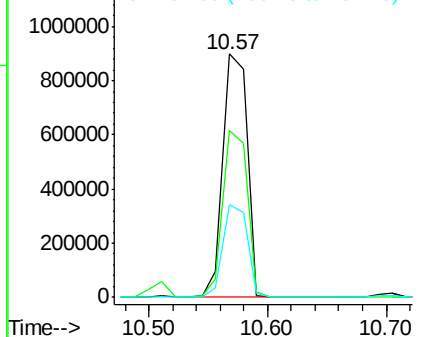
Tot Ion:169 Resp: 1270074
Ion Ratio Lower Upper
169 100
168 68.4 55.1 82.7
167 37.8 30.0 45.0

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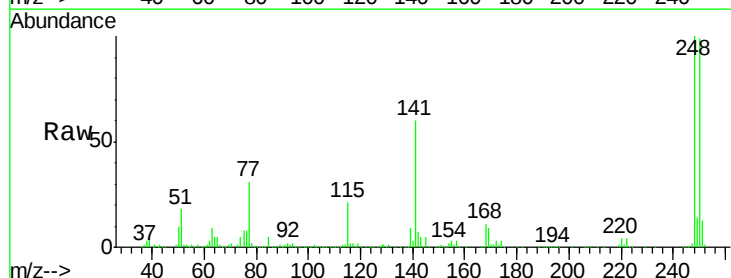


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

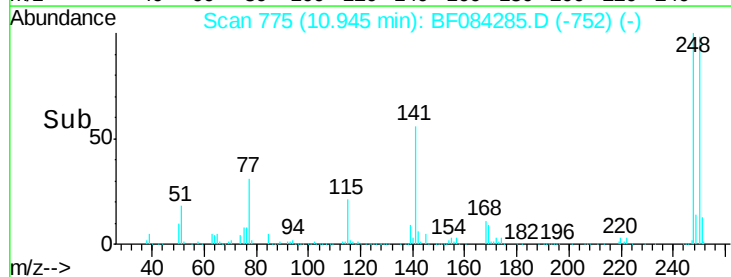
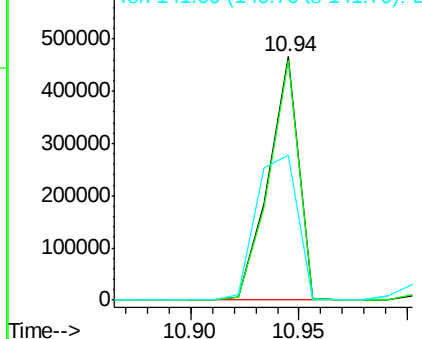


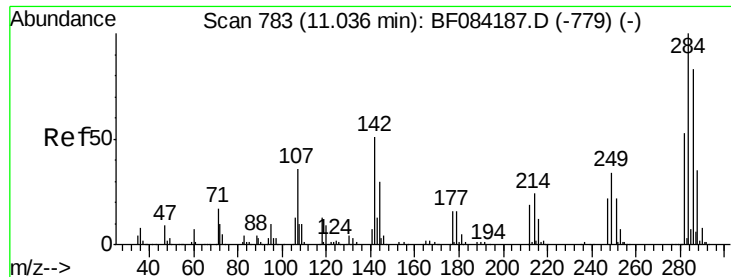
#66
4-Bromophenyl-phenylether
Concen: 50.12 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:248 Resp: 452995
Ion Ratio Lower Upper
248 100
250 98.7 78.4 117.6
141 59.6 44.0 66.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





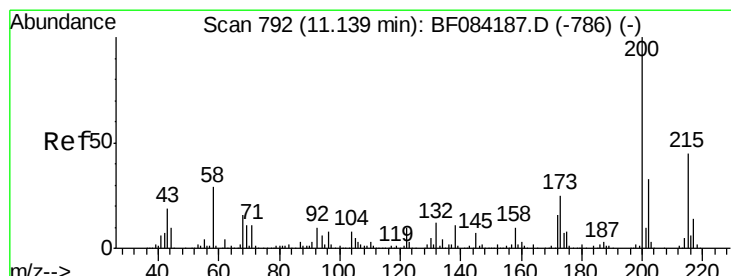
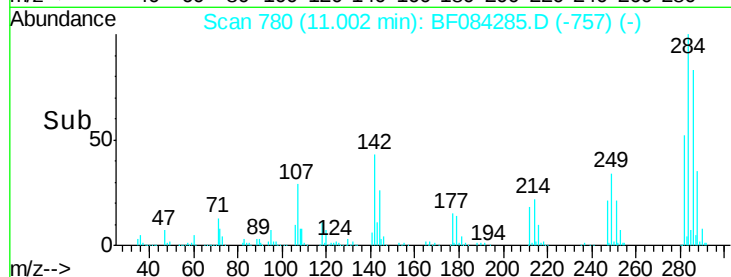
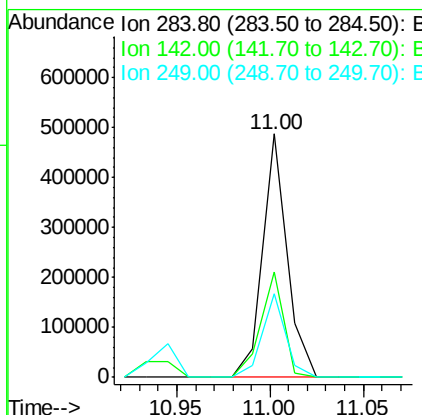
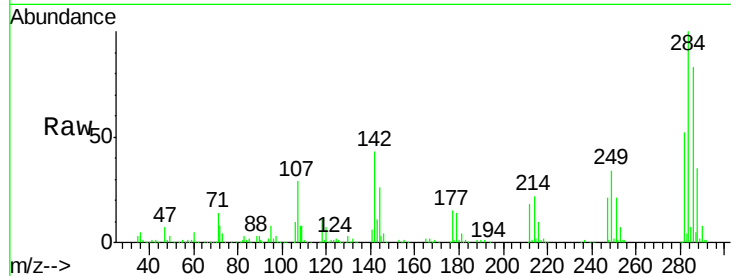
#67
Hexachlorobenzene
Concen: 44.07 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.4	22.2	33.4	
249	34.1	24.6	37.0	

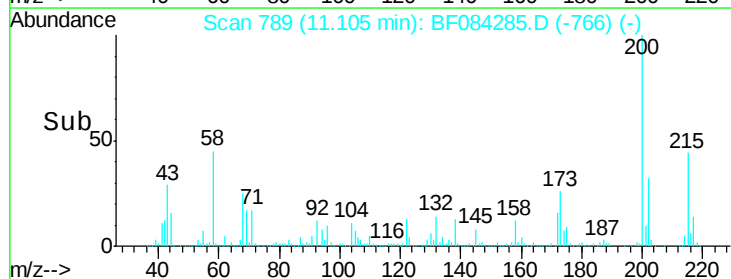
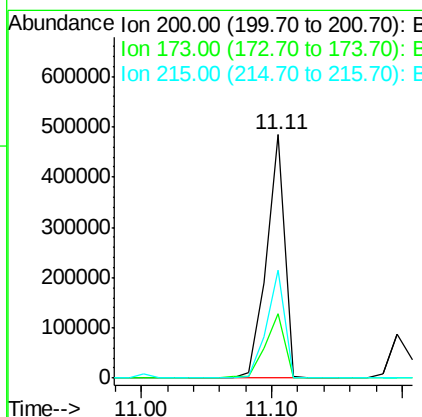
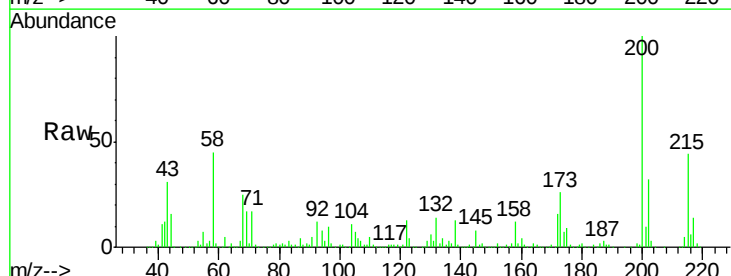
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#68
Atrazine
Concen: 53.86 ng
RT: 11.11 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.5	9.5	49.5	
215	44.3	23.8	63.8	





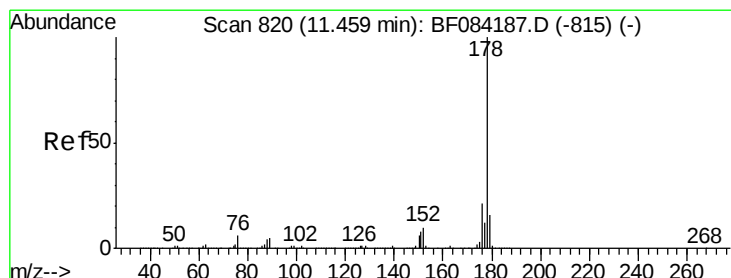
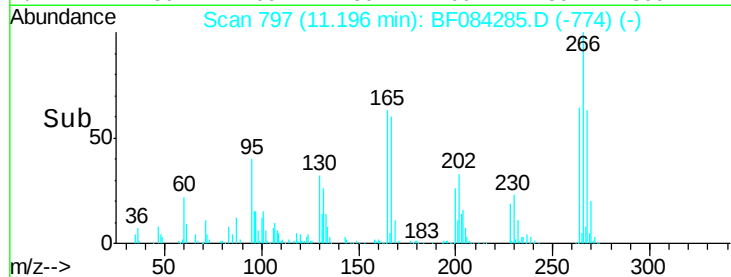
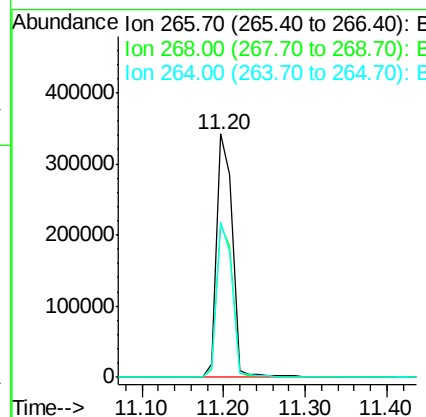
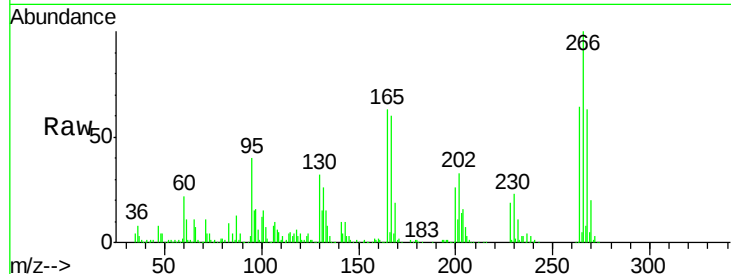
#69
 Pentachlorophenol
 Concen: 87.71 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.4	78.6
264	63.9	50.2	75.2

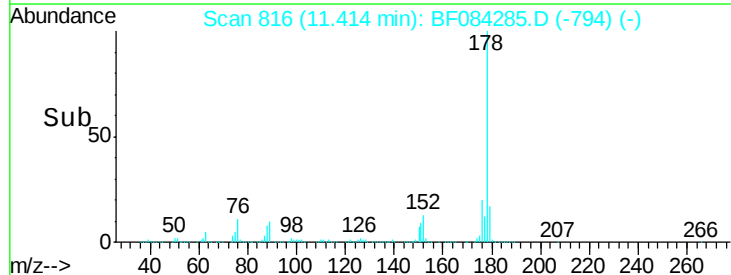
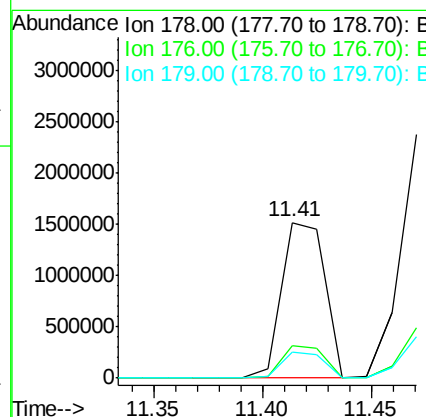
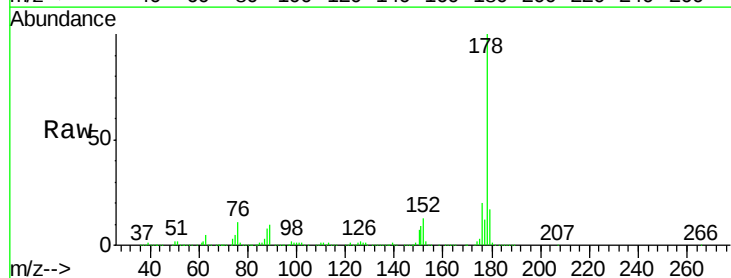
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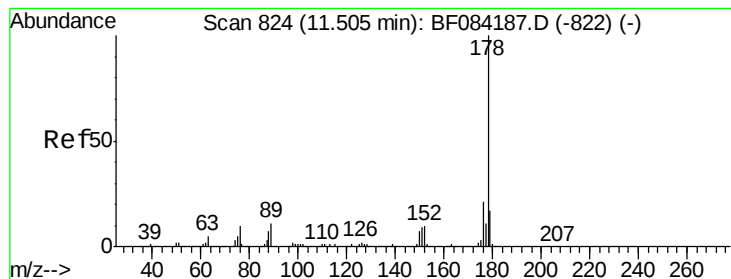
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#70
 Phenanthrene
 Concen: 48.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.3	22.9
179	16.7	12.0	18.0





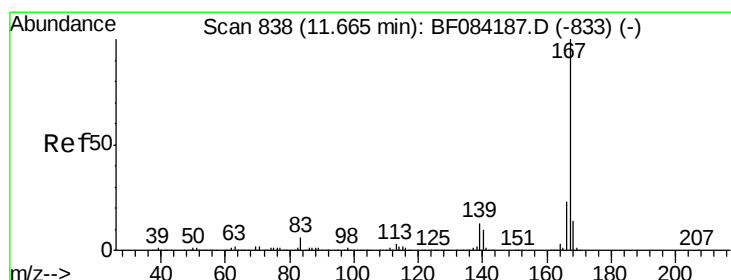
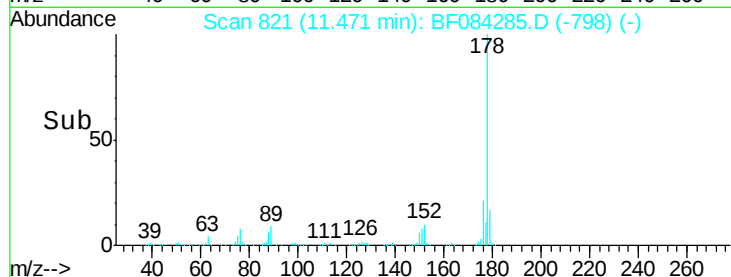
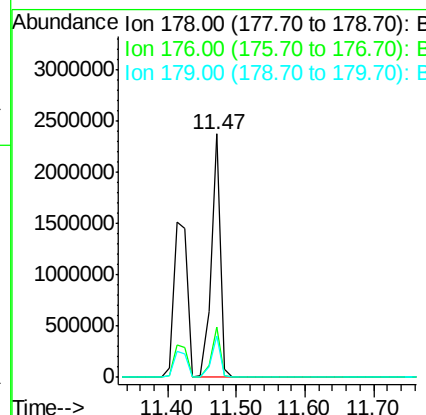
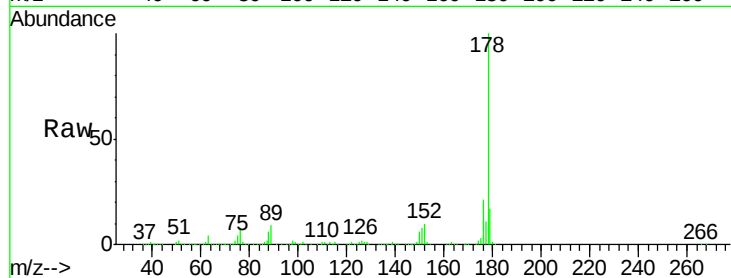
#71
 Anthracene
 Concen: 49.90 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.0
179	17.1	12.5	18.7

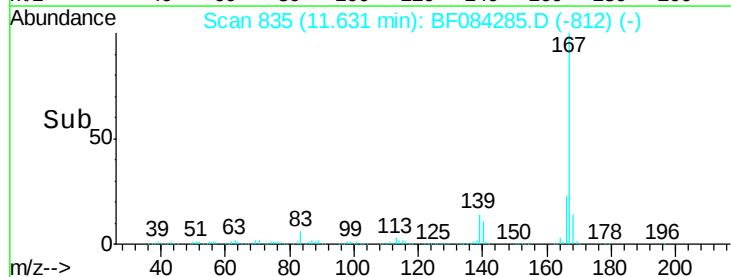
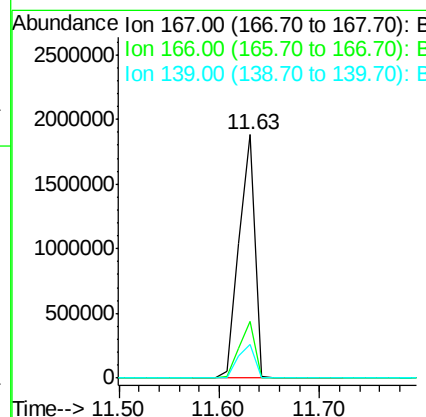
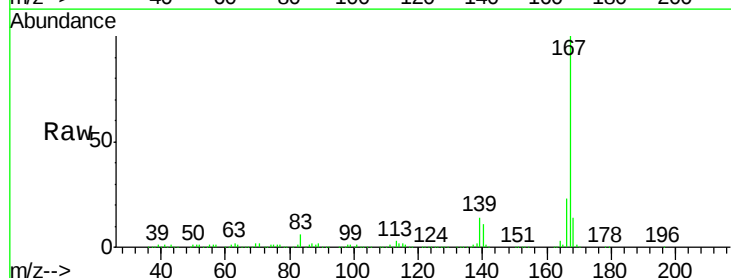
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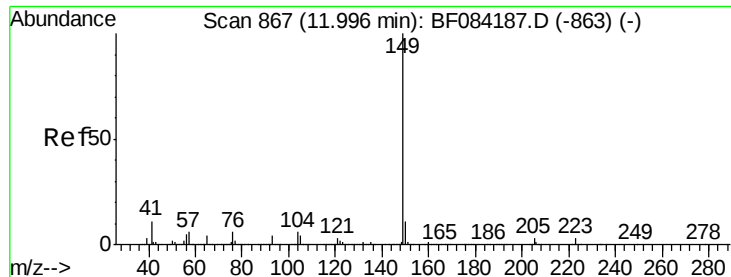
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#72
 Carbazole
 Concen: 48.74 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.6	26.4
139	13.9	11.8	17.8





#73

Di-n-butylphthalate

Concen: 59.05 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

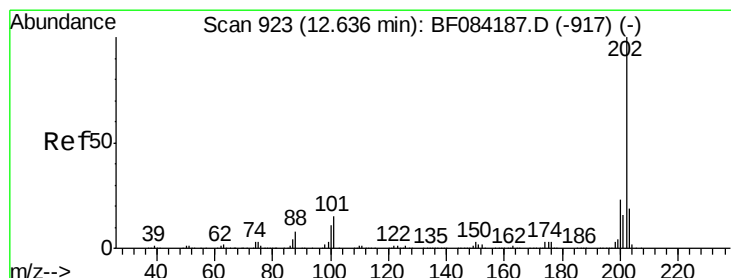
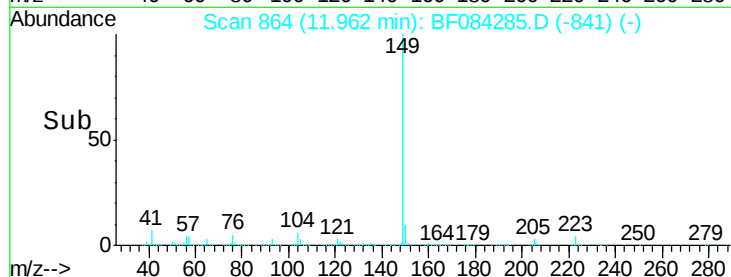
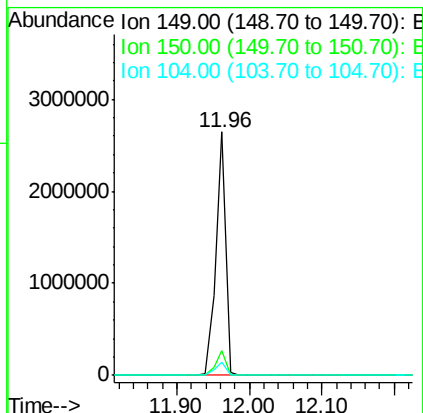
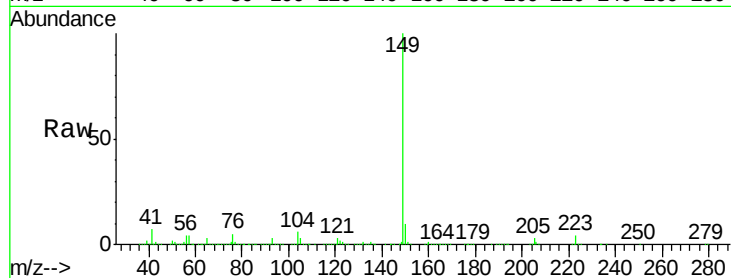
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

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Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.1	10.7
104	5.5	3.2	4.8



#74

Fluoranthene

Concen: 44.39 ng

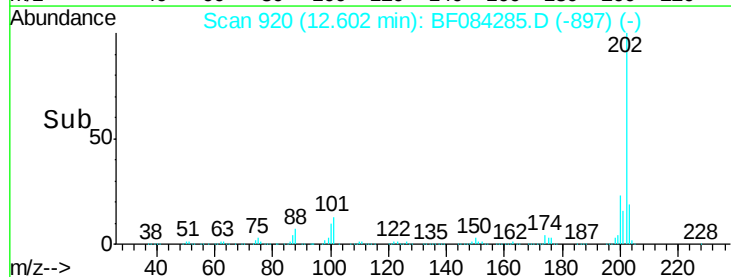
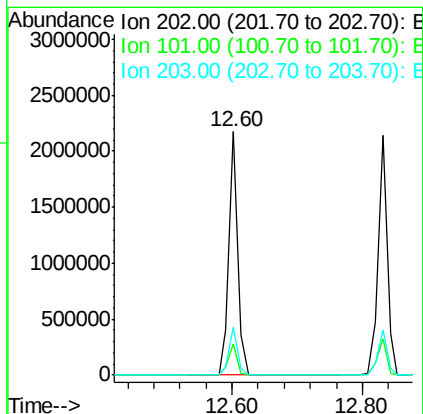
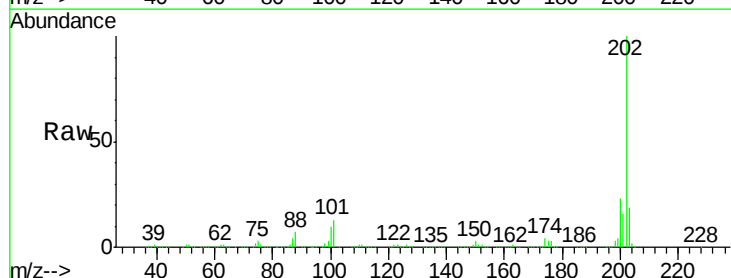
RT: 12.60 min Scan# 920

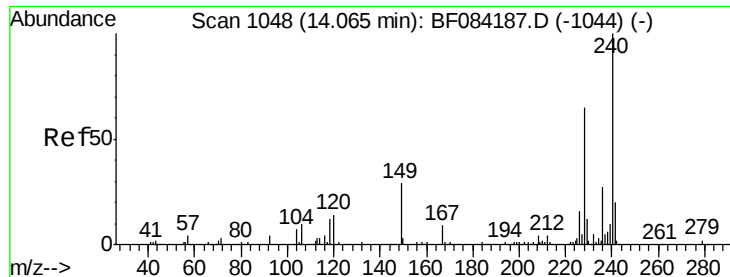
Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.8
203	19.4	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

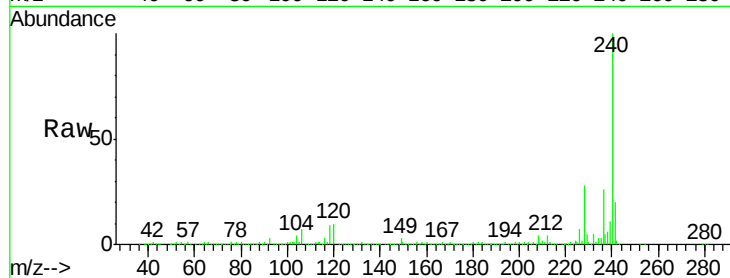
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

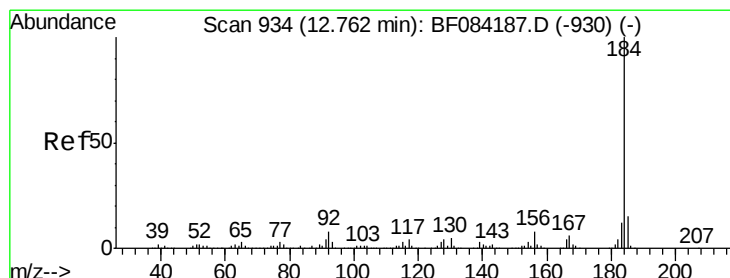
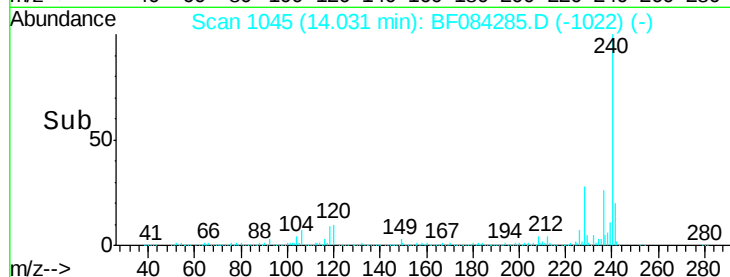
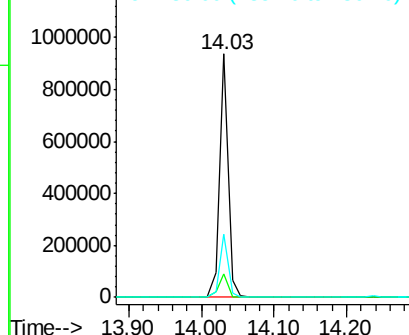
Tot Ion:	240	Resp:	761547
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	25.8	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.93 ng

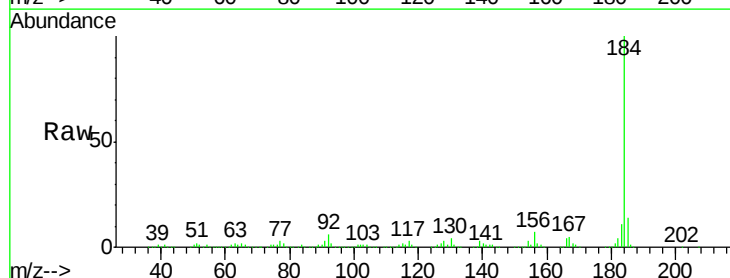
RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

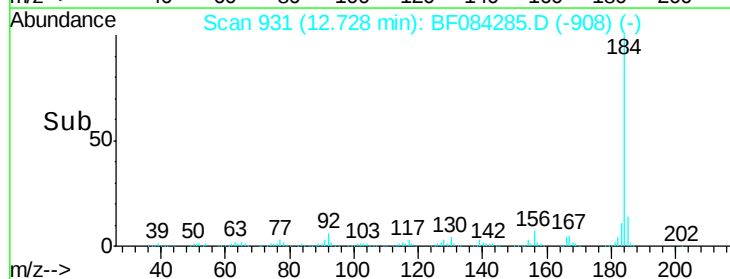
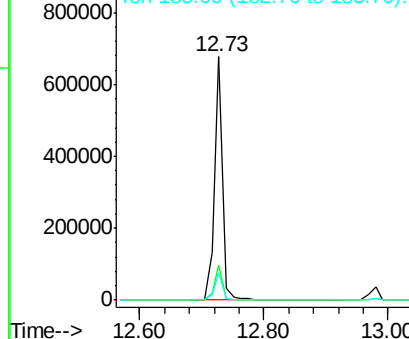
Lab File: BF084285.D

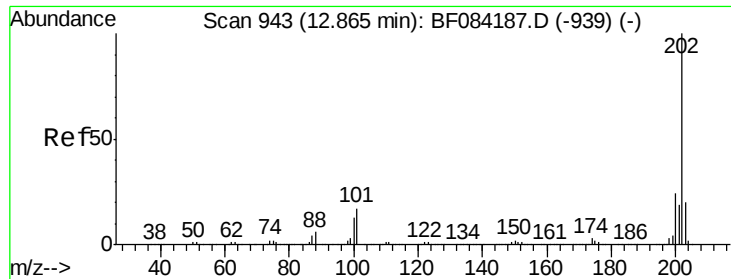
Acq: 6 Jan 2016 13:05

Tgt Ion:	184	Resp:	598784
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.2
183	11.4	9.8	14.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.60 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

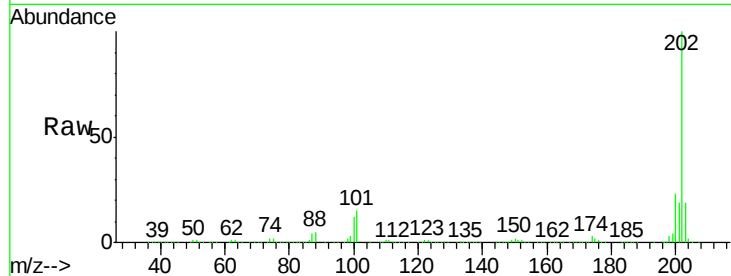
ClientSampleId :

PJ-SB-4-21.0-21.5MSD

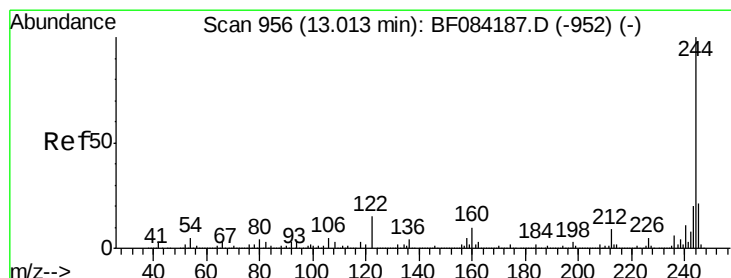
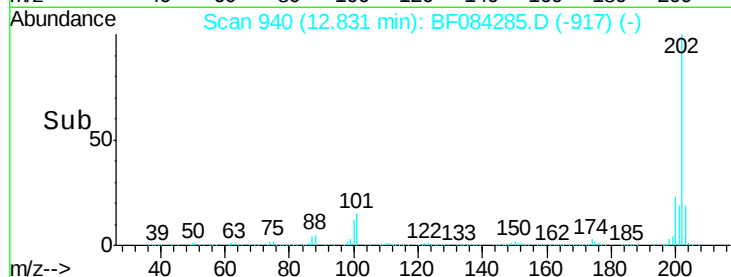
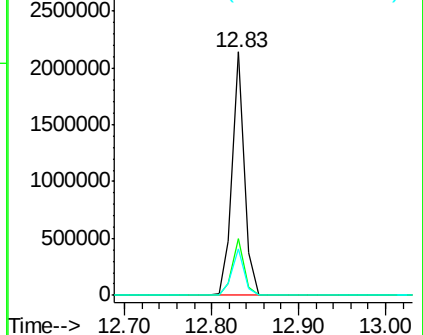
Tot Ion:	202	Resp:	2067596
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.2	25.8
203	19.1	14.3	21.5

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



#78

Terphenyl-d14

Concen: 62.45 ng

RT: 12.98 min Scan# 953

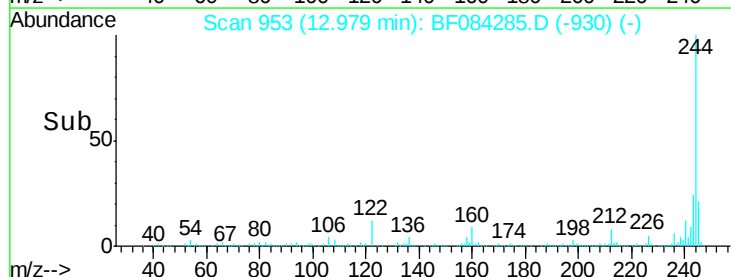
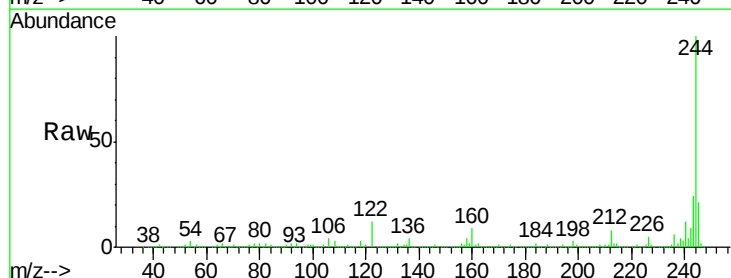
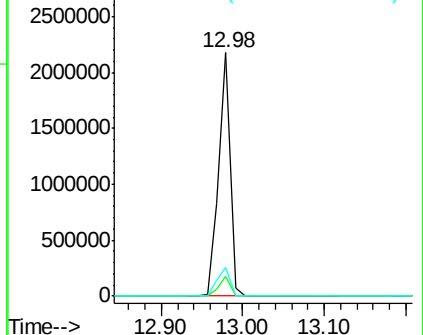
Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:	244	Resp:	2130603
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.7	8.5
122	11.9	7.4	11.0#

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





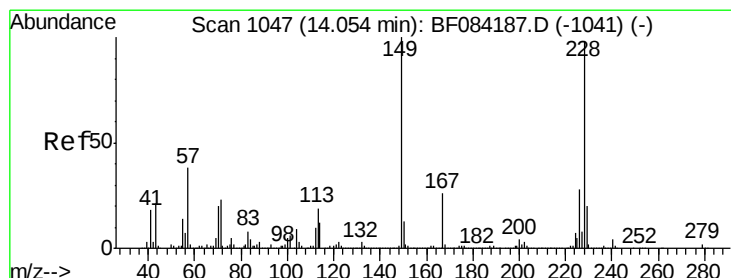
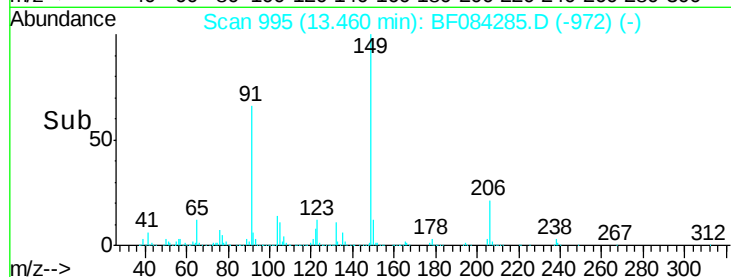
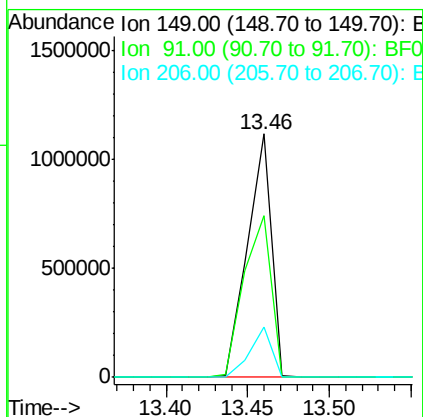
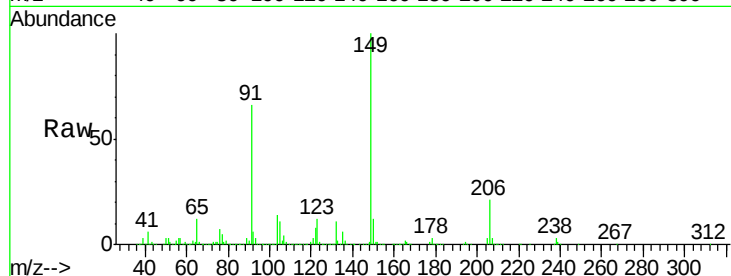
#79
Butylbenzylphthalate
Concen: 44.12 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.4	57.6	86.4
206	20.6	13.2	19.8

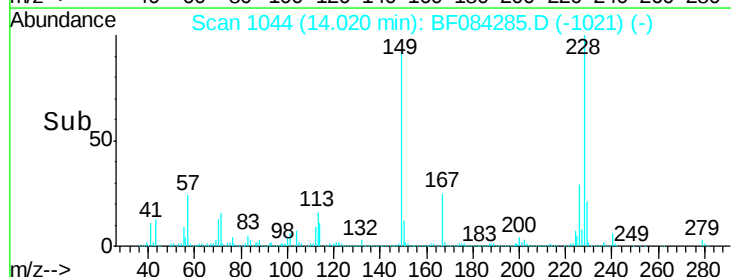
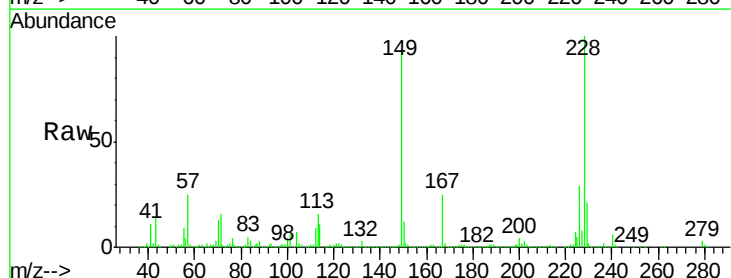
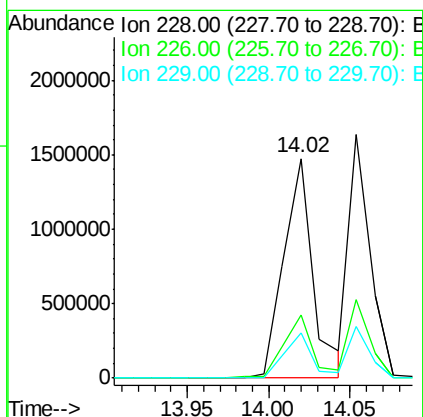
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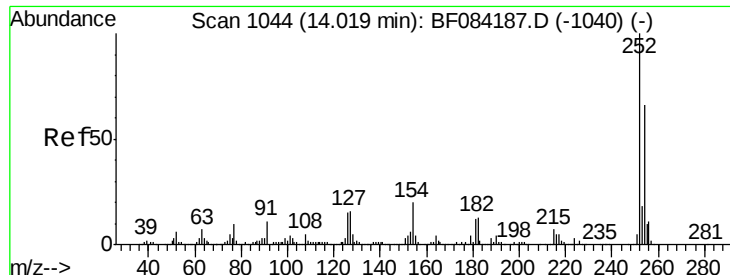
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#80
Benzo(a)anthracene
Concen: 41.46 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	20.6	15.8	23.8





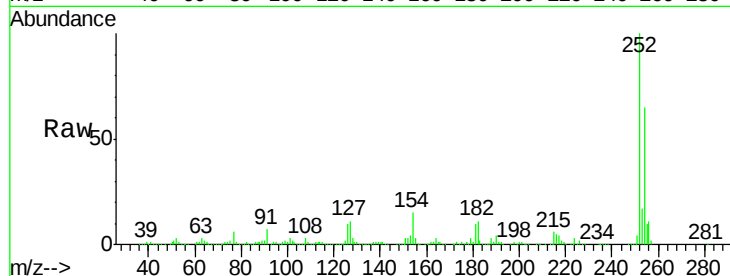
#81
 3,3'-Dichlorobenzidine
 Concen: 29.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

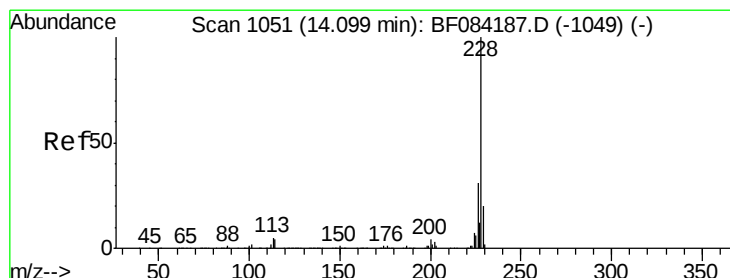
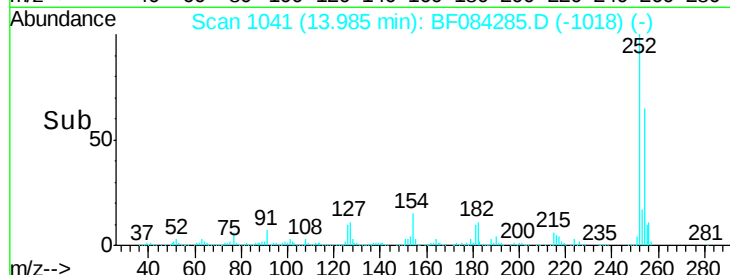
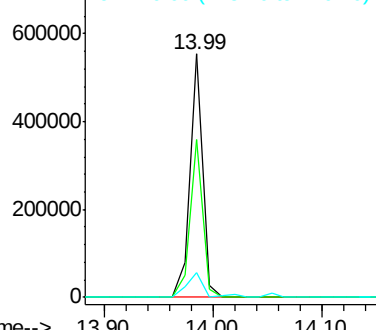
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	53.5	80.3
126	10.3	4.9	7.3

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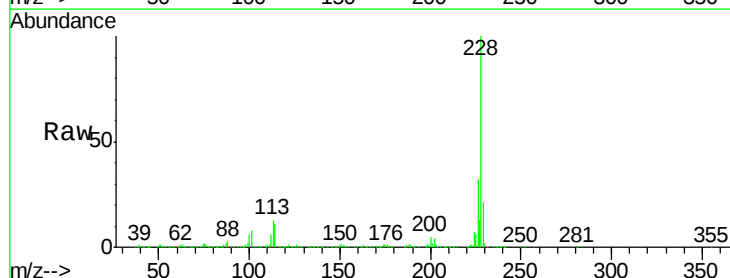


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

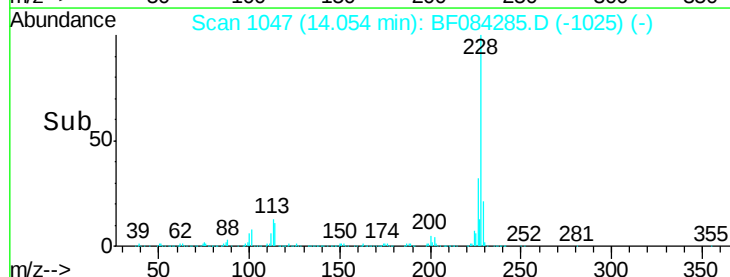
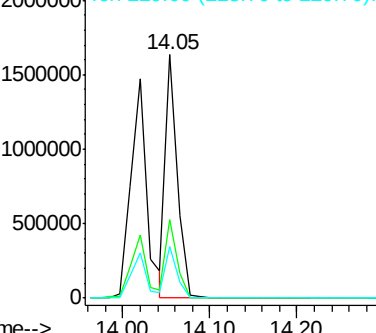


#82
 Chrysene
 Concen: 35.70 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.3	36.5
229	21.2	16.1	24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.80 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:149 Resp: 1365816

Ion Ratio Lower Upper

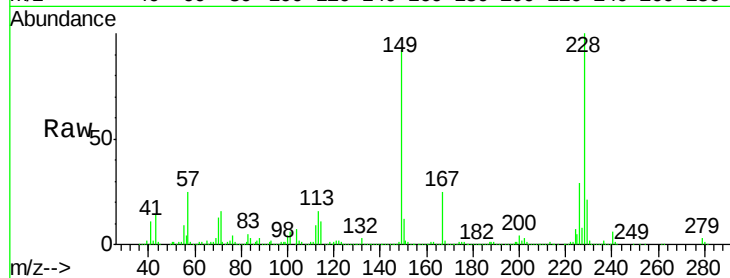
149 100

167 27.6 19.7 29.5

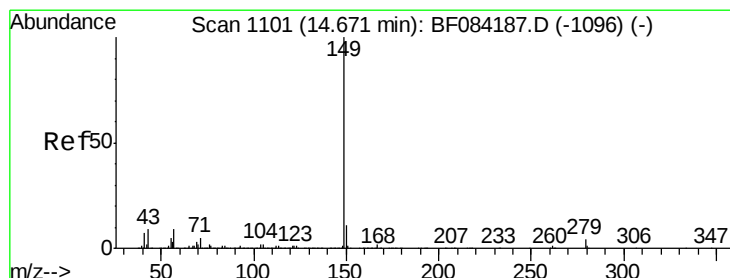
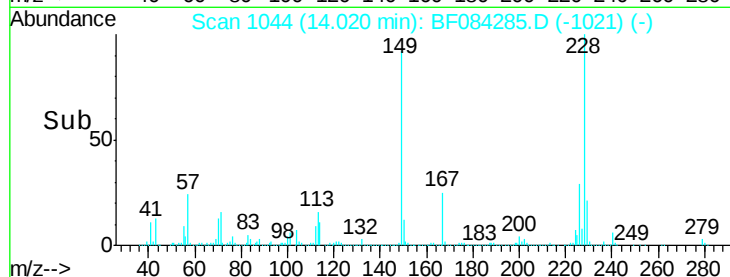
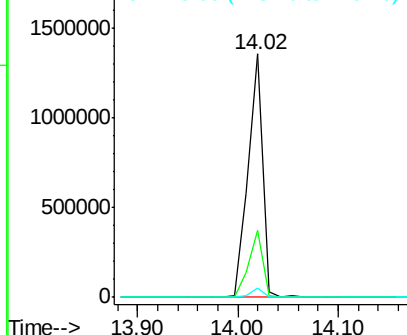
279 3.7 1.8 2.6#

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



#84

Di-n-octyl phthalate

Concen: 40.93 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:149 Resp: 2257869

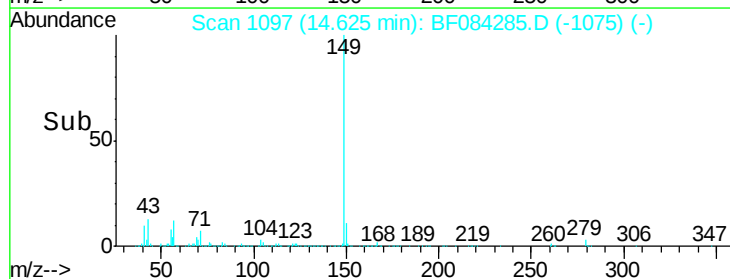
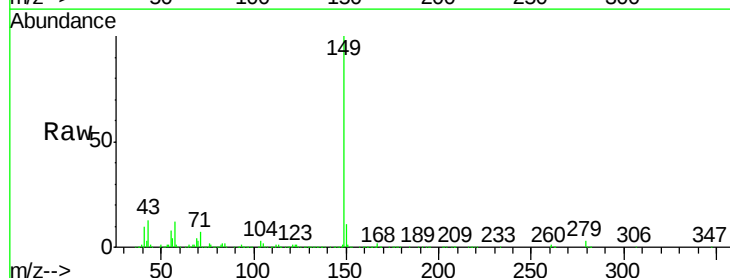
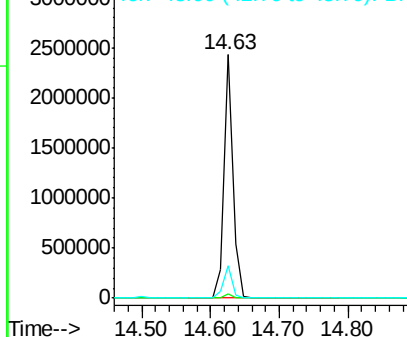
Ion Ratio Lower Upper

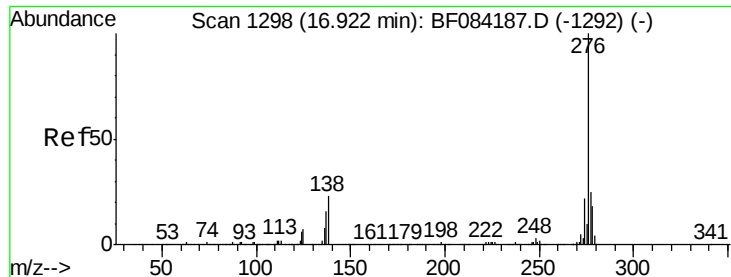
149 100

167 1.7 1.2 1.8

43 13.0 5.6 8.4#

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.91 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.07 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tot Ion:276 Resp: 1597669

Ion Ratio Lower Upper

276 100

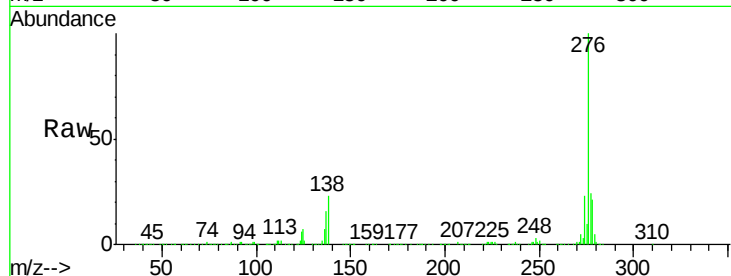
138 25.6 20.6 30.8

277 25.2 20.1 30.1

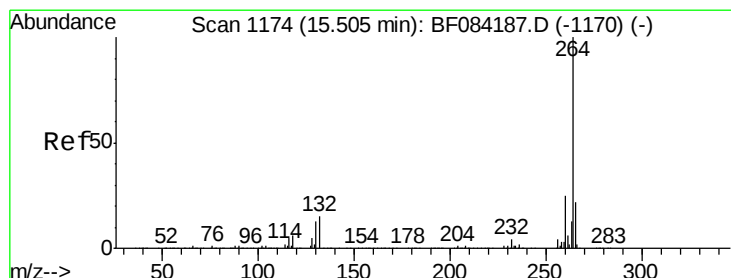
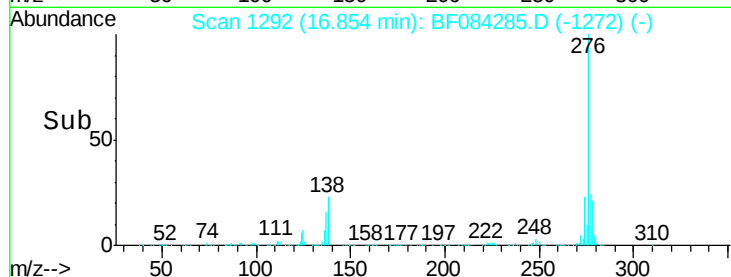
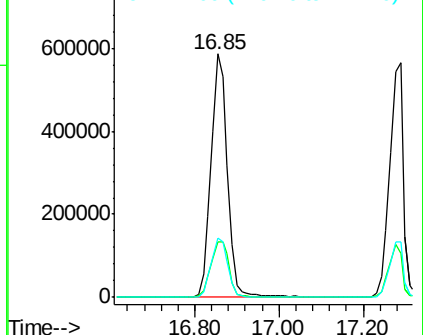
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Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

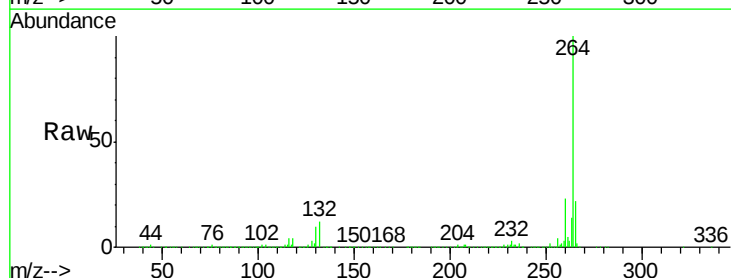
Tgt Ion:264 Resp: 607019

Ion Ratio Lower Upper

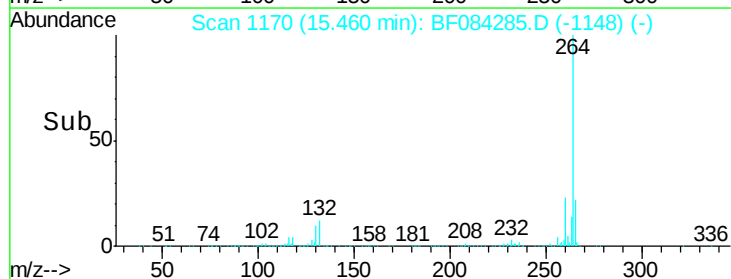
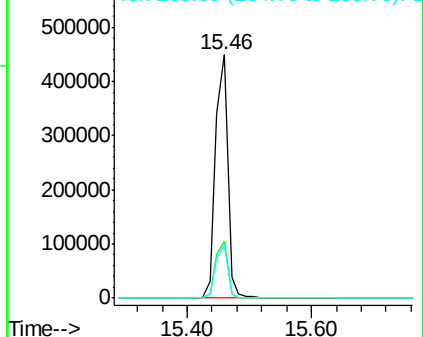
264 100

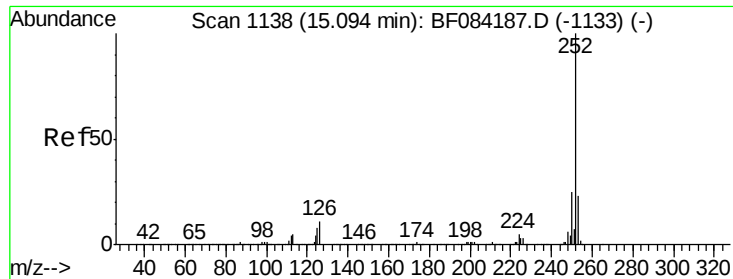
260 23.1 19.4 29.2

265 21.7 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E
600000
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





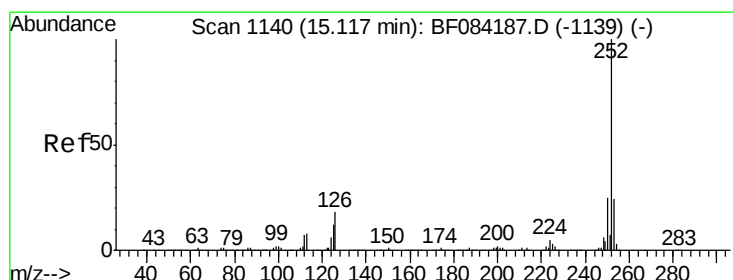
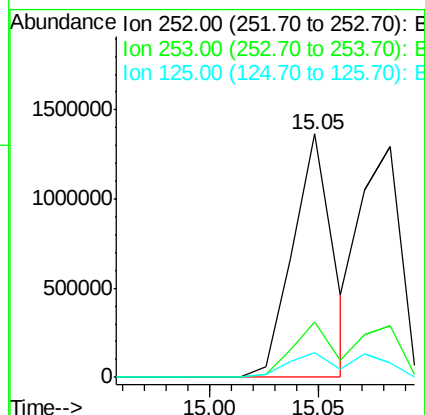
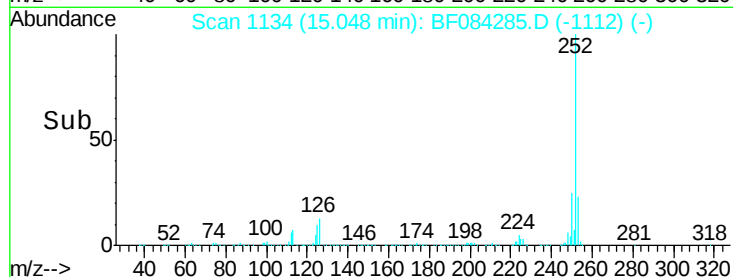
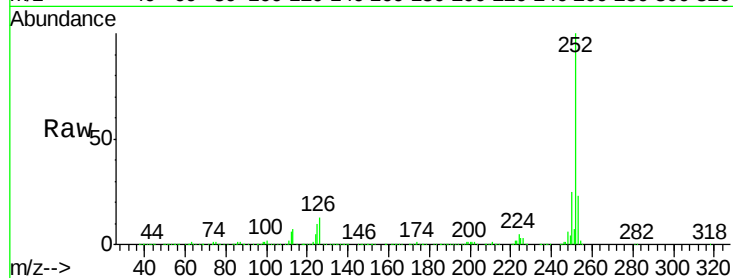
#87
Benzo(b)fluoranthene
Concen: 44.10 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion:252 Resp: 1751069
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.0 6.5 9.7#

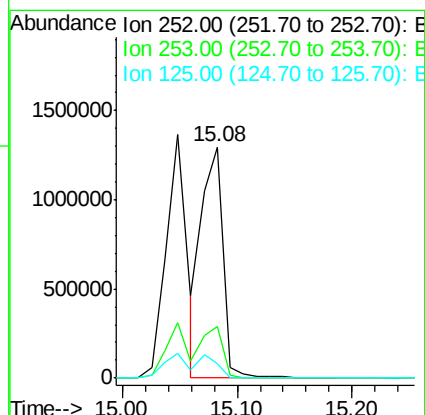
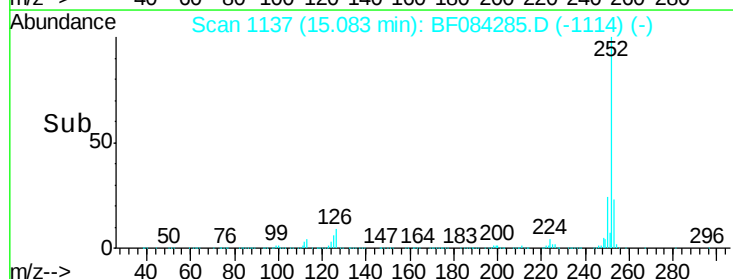
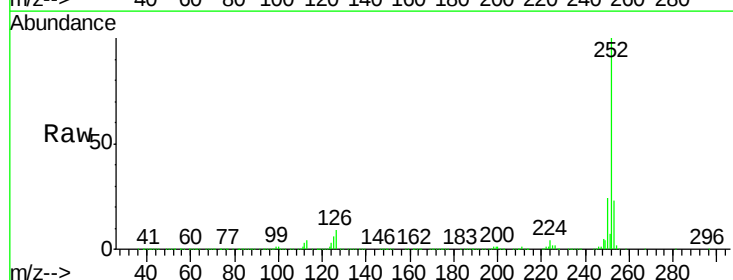
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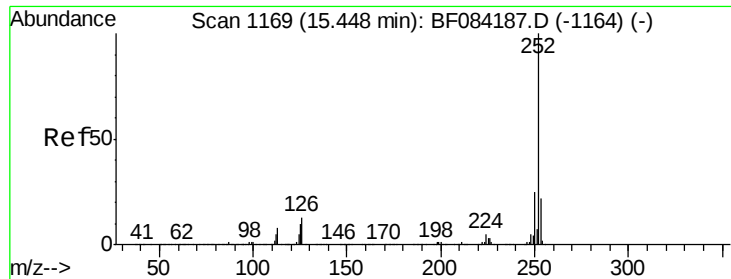
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#88
Benzo(k)fluoranthene
Concen: 52.28 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:252 Resp: 1697637
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 6.1 9.0 13.6#





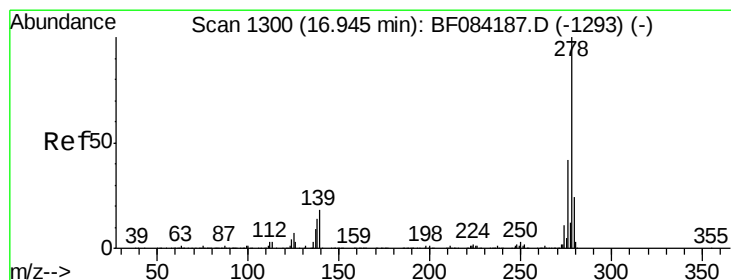
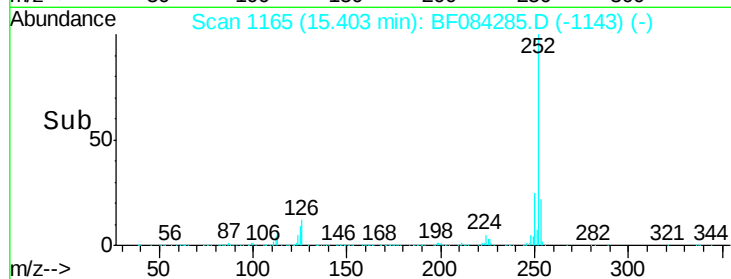
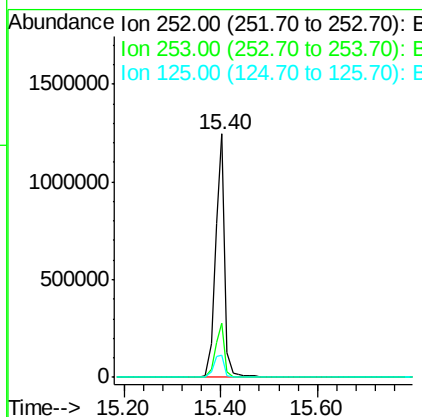
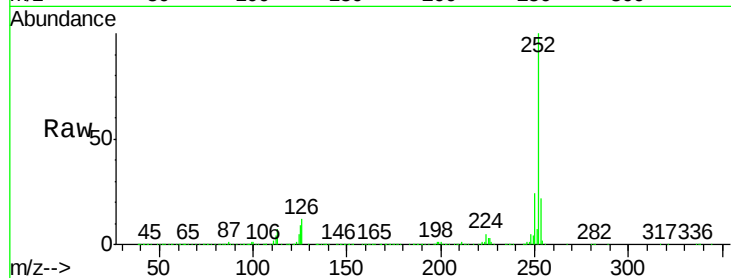
#89
Benzo(a)pyrene
Concen: 49.10 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	8.9	7.0	10.4

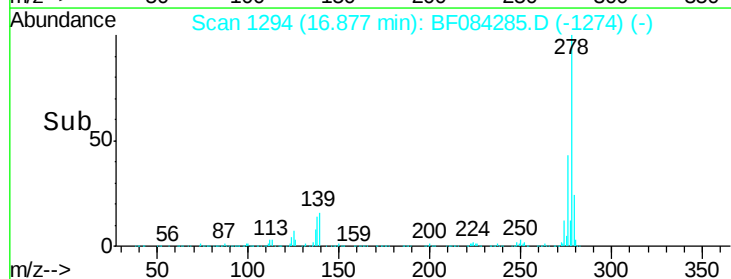
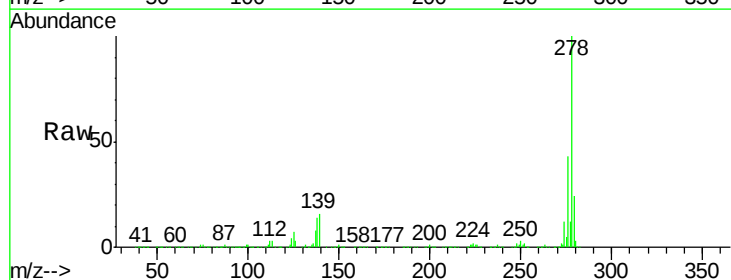
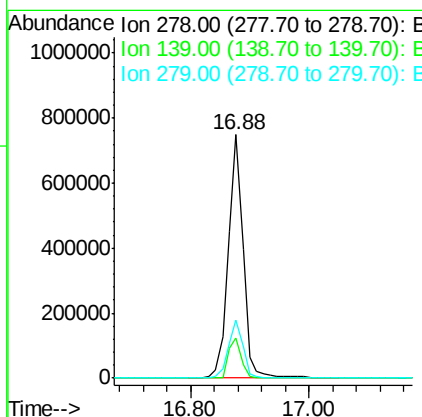
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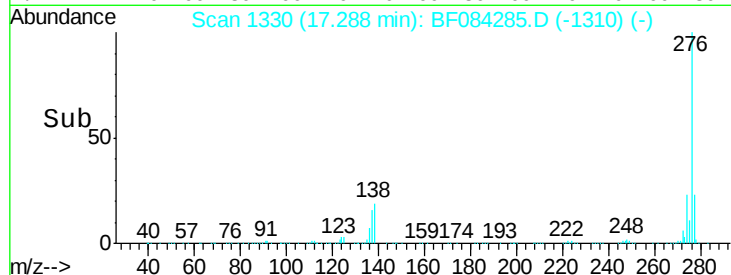
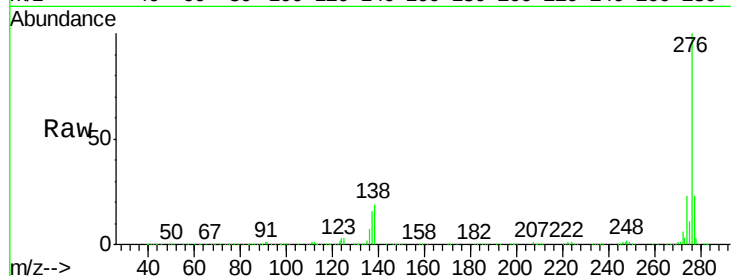
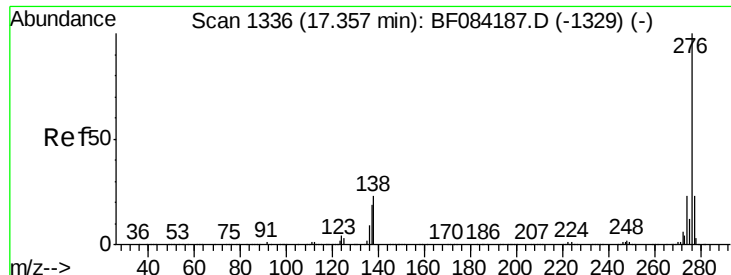
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#90
Dibenzo(a,h)anthracene
Concen: 44.85 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.0	22.4
279	23.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 43.49 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tot Ion:	276	Resp:	1305198
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	18.6	17.8	26.6

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Manual Integrations
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