

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
 Data File : BF084614.D
 Acq On : 25 Jan 2016 18:27
 Operator : SJ/IZ
 Sample : PB87944BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Manual Integrations
 APPROVED

mohammad
 1/26/2016 10:43:28 AM

Quant Time: Jan 26 09:45:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212497	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	911196	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	383673	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	717402	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	746155	20.00	ng	0.00
86) Perylene-d12	15.28	264	586046	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1006752	76.63	ng	0.01
7) Phenol-d6	6.38	99	1359592	82.40	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1239631	75.72	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	322654	83.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1967608	90.64	ng	0.00
78) Terphenyl-d14	12.84	244	2073845	62.04	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	201627	32.40	ng	# 76
3) Pyridine	3.04	79	471597	27.18	ng	# 65
4) n-Nitrosodimethylamine	2.99	42	264766	29.73	ng	# 72
6) Aniline	6.40	93	334670	13.87	ng	# 17
8) 2-Chlorophenol	6.52	128	567391	38.07	ng	90
9) Benzaldehyde	6.28	77	46516	4.33	ng	91
10) Phenol	6.41	94	700711	37.35	ng	91
11) bis(2-Chloroethyl)ether	6.48	93	538117	37.03	ng	83
12) 1,3-Dichlorobenzene	6.67	146	575833m	37.45	ng	
13) 1,4-Dichlorobenzene	6.75	146	567527	36.81	ng	96
14) 1,2-Dichlorobenzene	6.91	146	575018	38.94	ng	97
15) Benzyl Alcohol	6.89	79	455304	32.80	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	862126	32.58	ng	88
17) 2-Methylphenol	7.01	107	485567	38.87	ng	# 93
18) Hexachloroethane	7.25	117	238316	38.65	ng	# 90
19) n-Nitroso-di-n-propylamine	7.16	70	397077	35.55	ng	# 71
20) 3+4-Methylphenols	7.16	107	617288	42.04	ng	# 65
22) Acetophenone	7.15	105	824972	37.65	ng	98
24) Nitrobenzene	7.32	77	590105	35.54	ng	94
25) Isophorone	7.57	82	1154771	36.88	ng	97
26) 2-Nitrophenol	7.64	139	301879	39.94	ng	# 81
27) 2,4-Dimethylphenol	7.70	122	573931	37.52	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	706141	36.92	ng	# 95
29) 2,4-Dichlorophenol	7.89	162	528210	41.45	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	504126	38.32	ng	# 91
31) Naphthalene	8.04	128	1572140	38.03	ng	99
32) Benzoic acid	7.84	122	400537	41.65	ng	93
33) 4-Chloroaniline	8.10	127	131606	6.94	ng	96
34) Hexachlorobutadiene	8.17	225	290113	38.36	ng	99
35) Caprolactam	8.49	113	183242m	42.66	ng	
36) 4-Chloro-3-methylphenol	8.60	107	592691	41.52	ng	97
37) 2-Methylnaphthalene	8.74	142	1098042	37.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	478895	43.42	ng	99
40) Hexachlorocyclopentadiene	8.90	237	504481	75.77	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	373529	45.26	nq	95
43) 2,4,5-Trichlorophenol	9.07	196	344982	43.61	nq #	86
45) 1,1'-Biphenyl	9.21	154	1446114	47.42	nq	97
46) 2-Chloronaphthalene	9.23	162	1097434	45.82	nq	90
47) 2-Nitroaniline	9.33	65	382842	48.43	nq #	70
48) Acenaphthylene	9.64	152	1379705	38.99	nq	98
49) Dimethylphthalate	9.52	163	1048706	38.23	nq #	90
50) 2,6-Dinitrotoluene	9.57	165	236930	39.38	nq #	58
51) Acenaphthene	9.81	154	920161	38.77	nq	98
52) 3-Nitroaniline	9.73	138	92868	12.46	nq	99
53) 2,4-Dinitrophenol	9.85	184	234888	91.14	nq #	78
54) Dibenzofuran	9.98	168	1189218	38.24	nq	91
55) 4-Nitrophenol	9.93	139	440827	81.47	nq	94
56) 2,4-Dinitrotoluene	9.97	165	287904	37.81	nq #	69
57) Fluorene	10.33	166	1024840	43.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	272486	40.34	nq	88
59) Diethylphthalate	10.21	149	1051411	38.88	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	417681	40.93	nq	88
61) 4-Nitroaniline	10.36	138	262768	39.54	nq	90
62) Azobenzene	10.48	77	1056418	35.62	nq	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	190941	43.66	nq	94
65) n-Nitrosodiphenylamine	10.44	169	804124	35.06	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	290413	37.61	nq #	81
67) Hexachlorobenzene	10.88	284	327463	37.68	nq #	82
68) Atrazine	10.98	200	343251	45.73	nq	96
69) Pentachlorophenol	11.07	266	340843	75.64	nq	98
70) Phenanthrene	11.29	178	1621029	43.20	nq	98
71) Anthracene	11.33	178	1437015	39.06	nq	99
72) Carbazole	11.49	167	1333876	37.09	nq	99
73) Di-n-butylphthalate	11.82	149	1542821	38.96	nq #	96
74) Fluoranthene	12.46	202	1492340	38.07	nq	98
76) Benzidine	12.59	184	625528	23.38	nq	98
77) Pyrene	12.69	202	1818009	31.05	nq	98
79) Butylbenzylphthalate	13.32	149	851131	33.59	nq	93
80) Benzo(a)anthracene	13.88	228	1573443	35.91	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	311295	20.36	nq #	98
82) Chrysene	13.92	228	1366471	32.46	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1051901	32.86	nq	99
84) Di-n-octyl phthalate	14.50	149	1965627	36.37	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.60	276	1148452	34.41	nq	98
87) Benzo(b)fluoranthene	14.89	252	1746632m	45.56	nq	
88) Benzo(k)fluoranthene	14.92	252	956663m	30.51	nq	
89) Benzo(a)pyrene	15.22	252	1230811	37.85	nq #	97
90) Dibenzo(a,h)anthracene	16.61	278	954616	34.12	nq	97
91) Benzo(g,h,i)perylene	16.99	276	951921	32.85	nq	99

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



#1

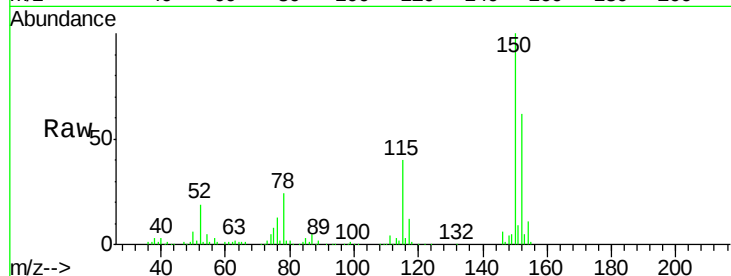
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

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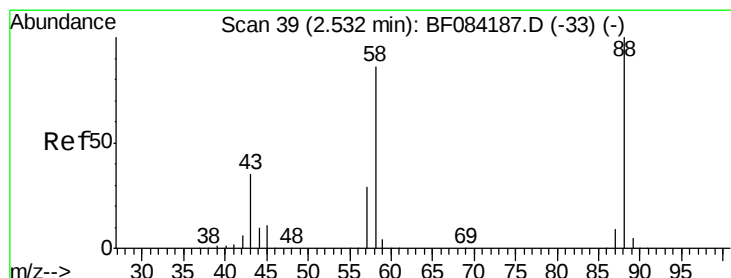
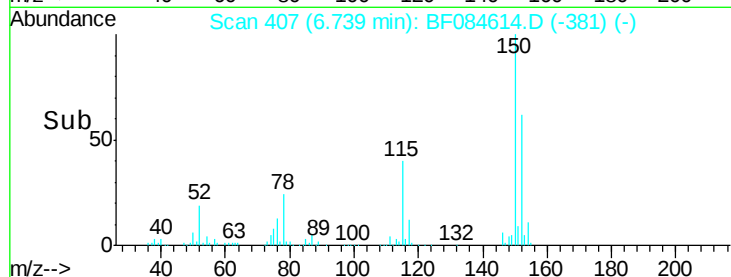
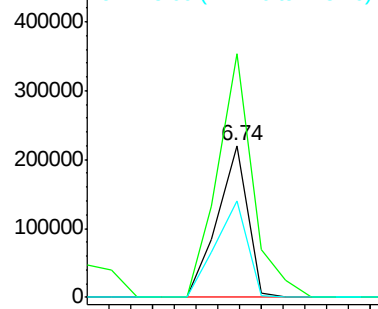
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.0	184.4
115	63.6	51.4	77.2

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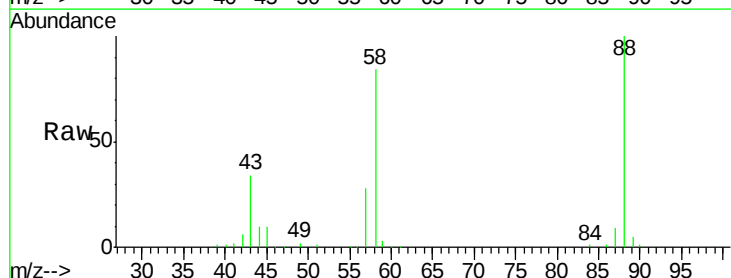
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



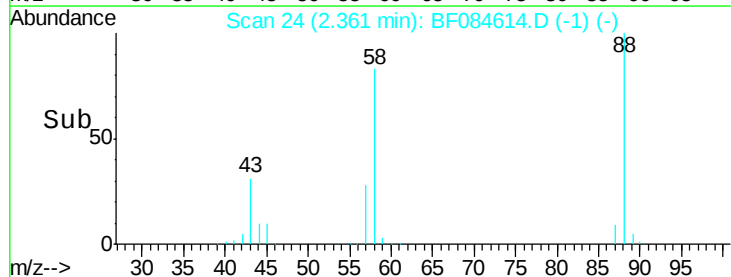
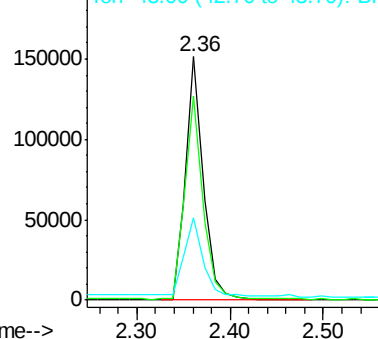
#2

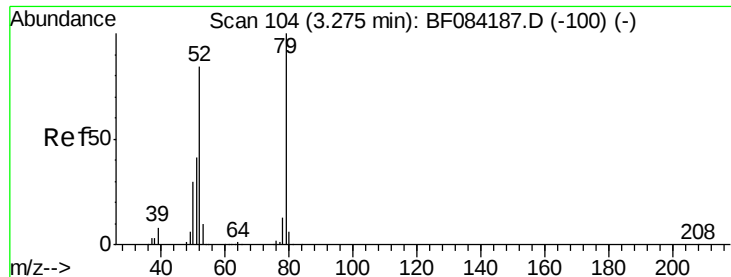
1,4-Dioxane
Concen: 32.40 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.11 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	51.2	76.8#
43	33.7	19.5	29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.18 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.10 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

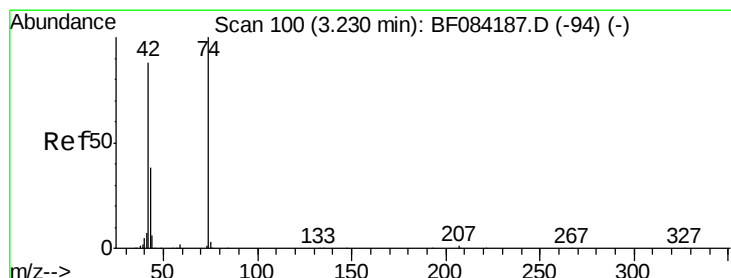
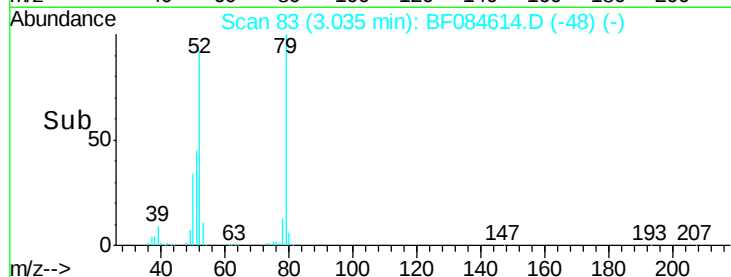
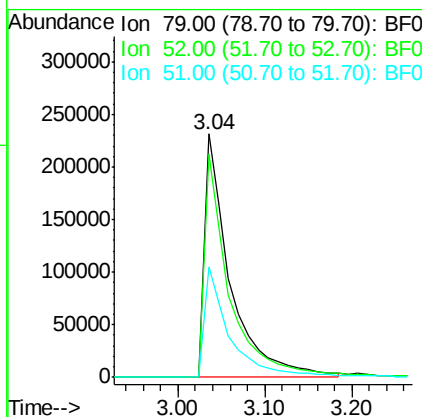
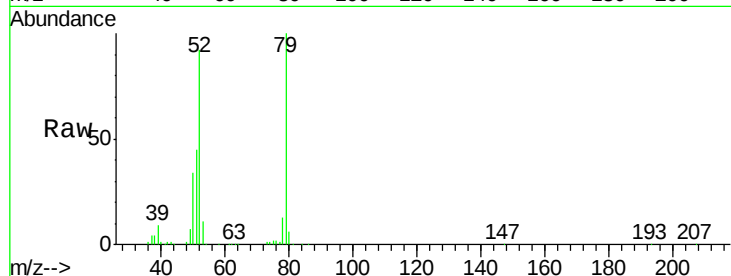
ClientSampleId :

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Tot Ion:	79	Resp:	471597
Ion Ratio	Lower	Upper	
79	100		
52	91.7	49.0	73.4#
51	45.2	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 29.73 ng

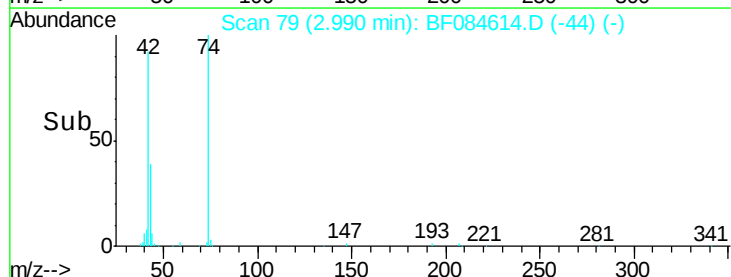
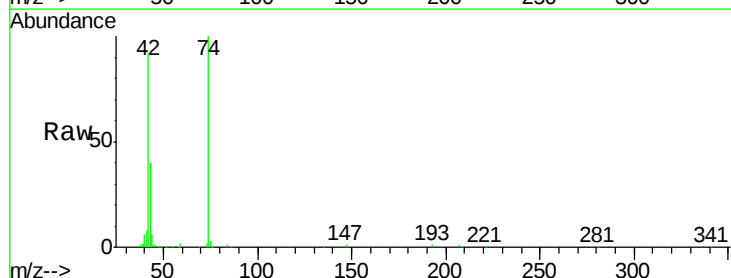
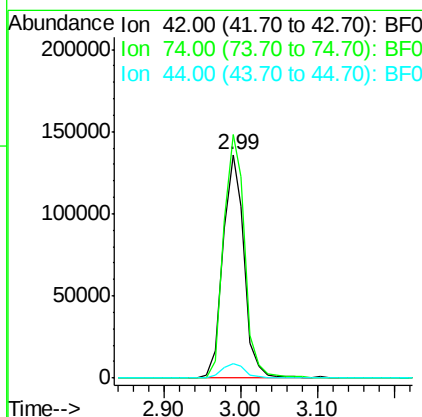
RT: 2.99 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	42	Resp:	264766
Ion Ratio	Lower	Upper	
42	100		
74	108.9	115.7	173.5#
44	6.6	5.1	7.7





#5

2-Fluorophenol

Concen: 76.63 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

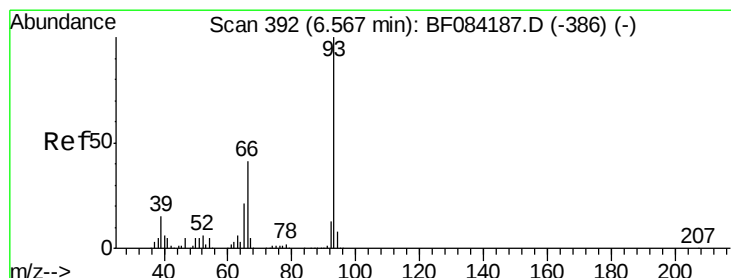
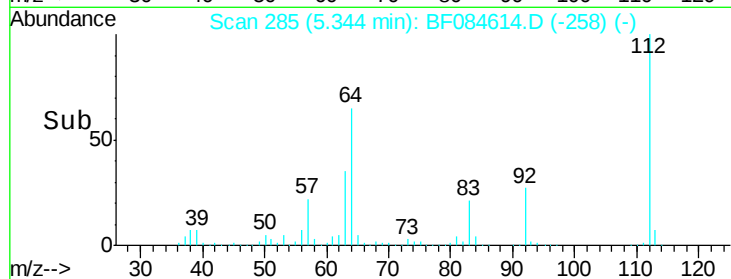
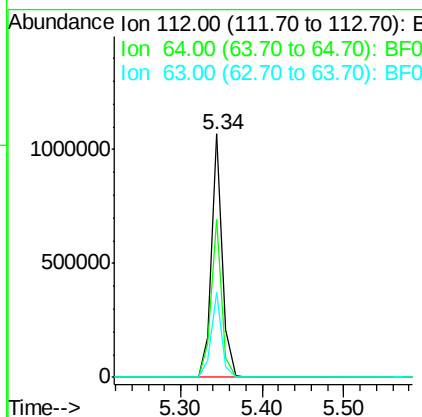
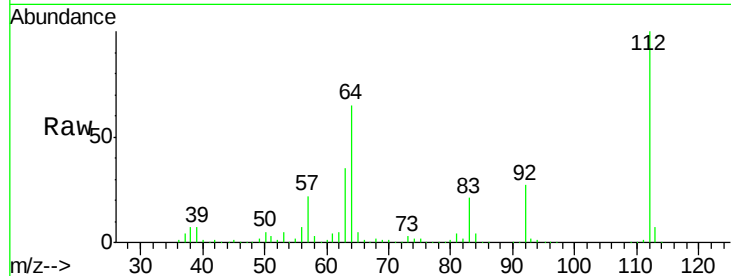
ClientSampleId :

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Tot Ion:	112	Resp:	1006752
Ion Ratio	Lower	Upper	
112	100		
64	65.0	36.6	55.0#
63	34.7	19.4	29.0#

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#6

Aniline

Concen: 13.87 ng

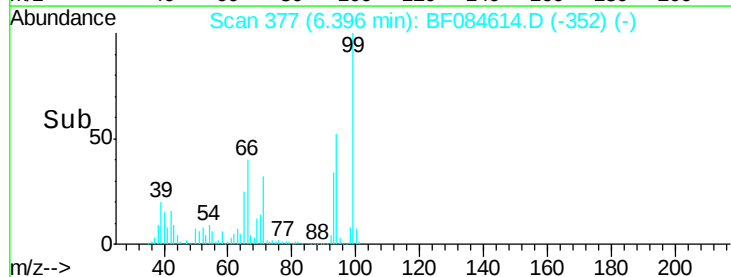
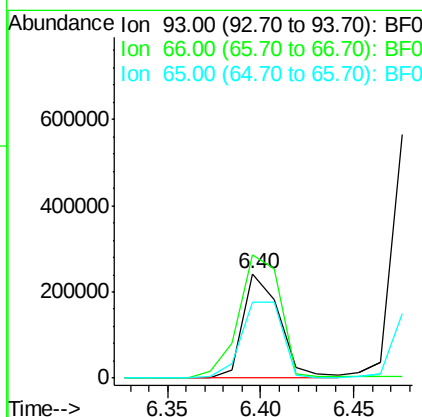
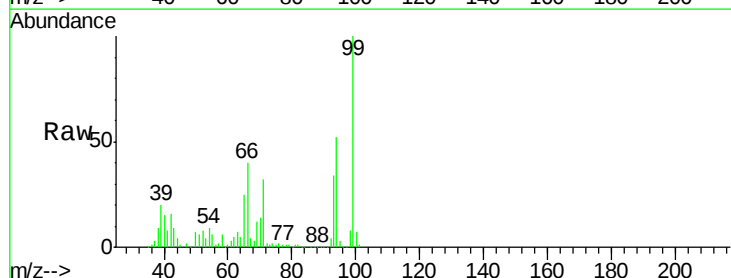
RT: 6.40 min Scan# 377

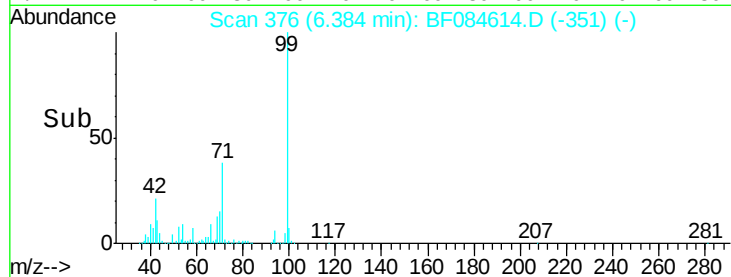
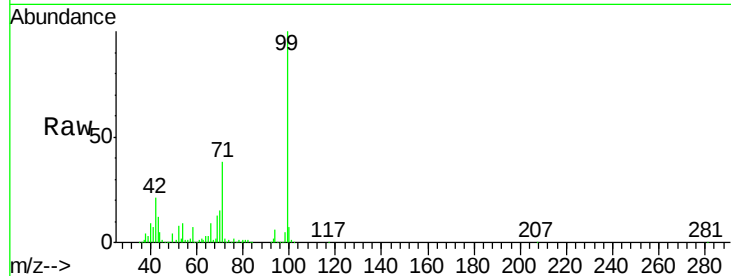
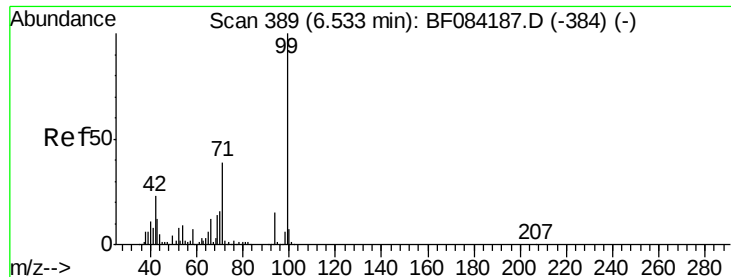
Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	93	Resp:	334670
Ion Ratio	Lower	Upper	
93	100		
66	117.8	44.9	67.3#
65	73.1	23.7	35.5#





#7

Phenol-d6

Concen: 82.40 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tot Ion:	99	Resp:	1359592
Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	37.7	30.9	46.3

Instrument :

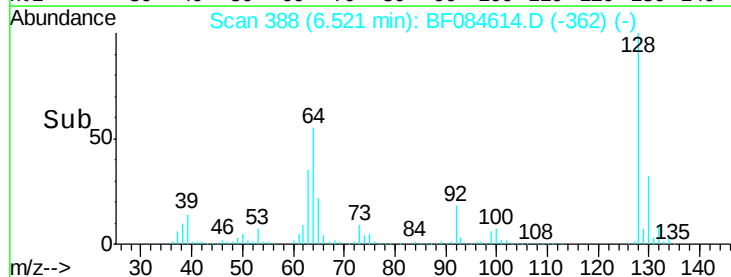
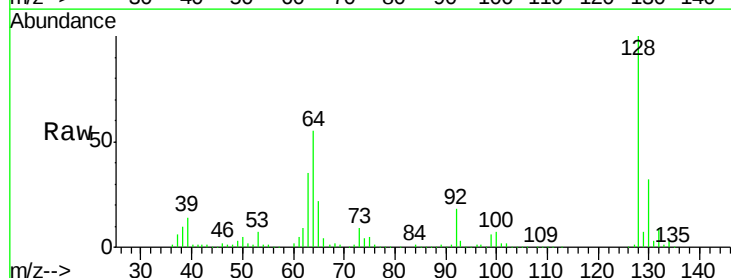
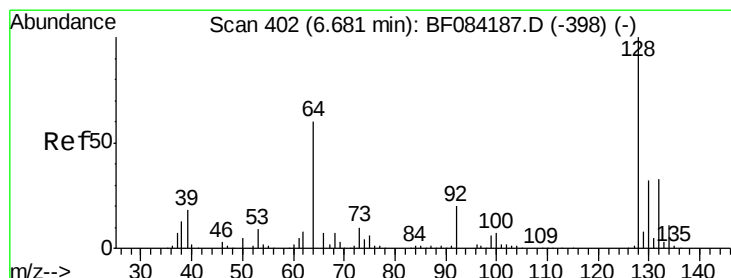
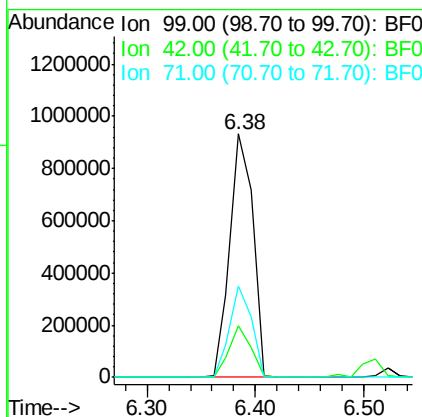
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#8

2-Chlorophenol

Concen: 38.07 ng

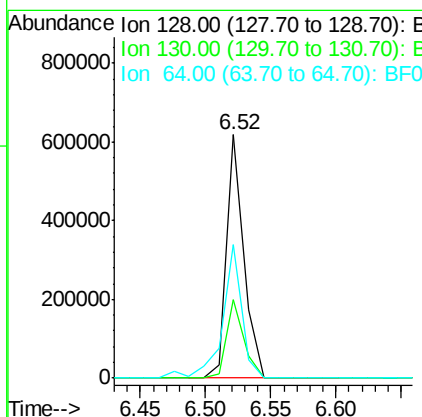
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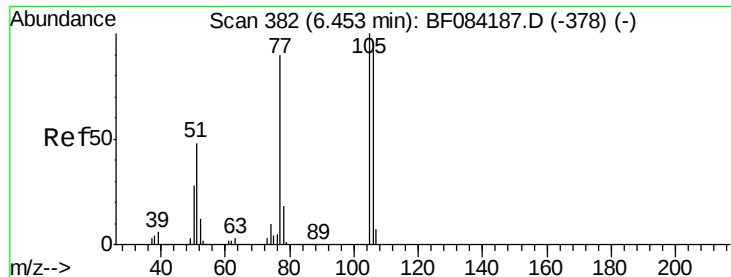
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	128	Resp:	567391
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.6	51.6
64	54.7	23.8	63.8





#9

Benzaldehyde

Concen: 4.33 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

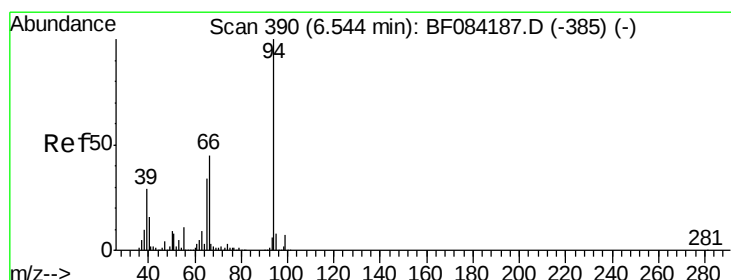
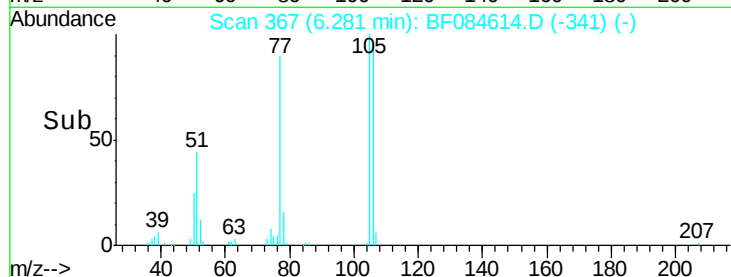
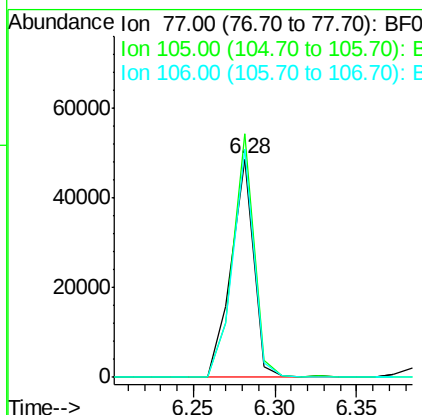
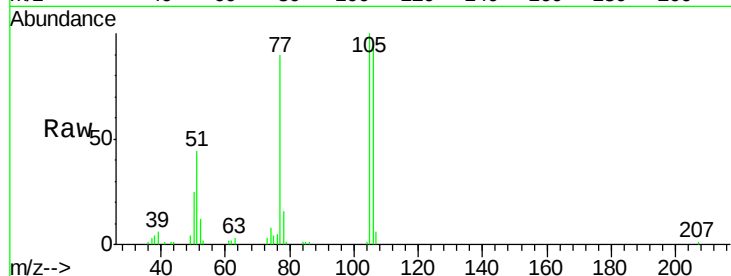
ClientSampleId :

PB87944BS

Tot Ion:	77	Resp:	46516
Ion	Ratio	Lower	Upper
77	100		
105	111.5	83.0	123.0
106	104.4	74.6	114.6

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#10

Phenol

Concen: 37.35 ng

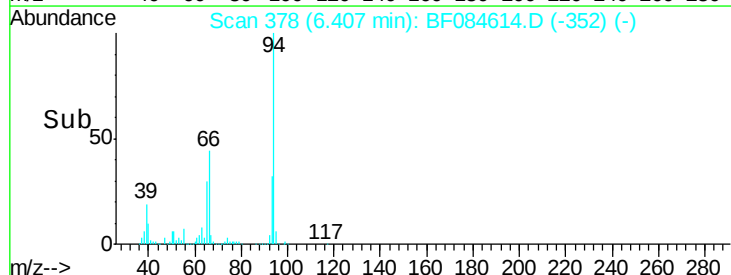
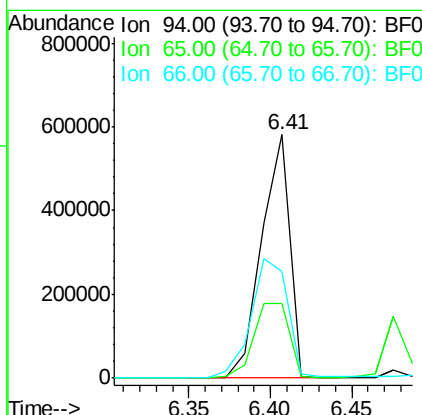
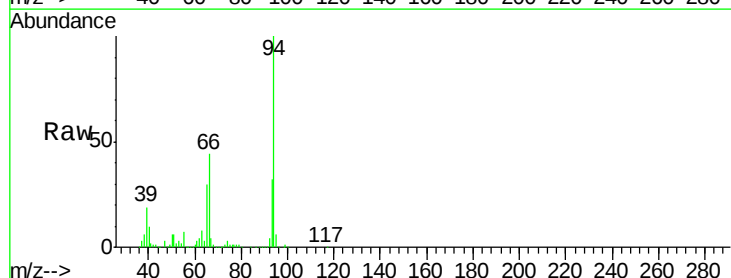
RT: 6.41 min Scan# 378

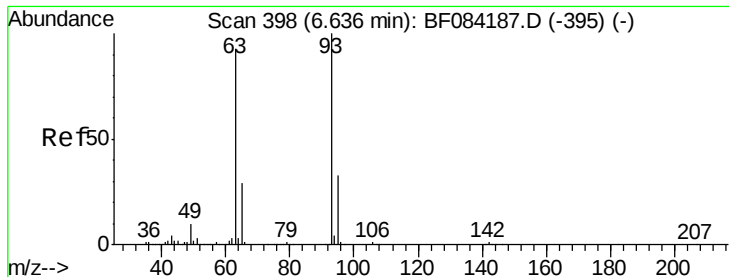
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	94	Resp:	700711
Ion	Ratio	Lower	Upper
94	100		
65	30.4	12.9	52.9
66	43.8	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.03 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

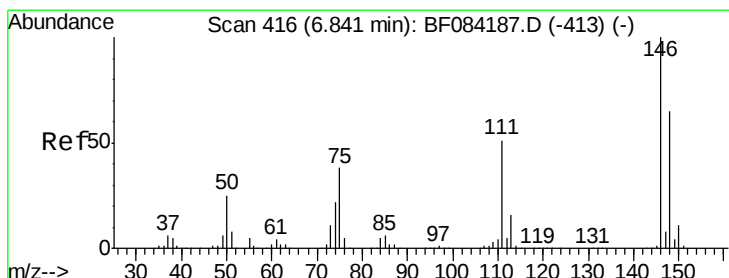
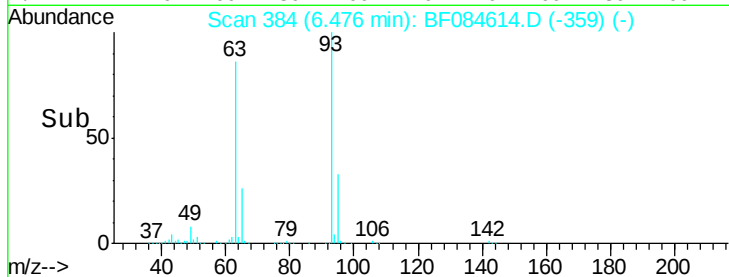
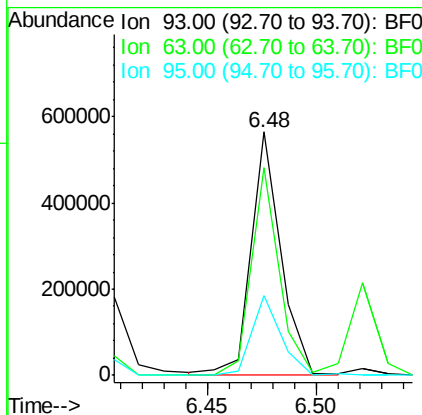
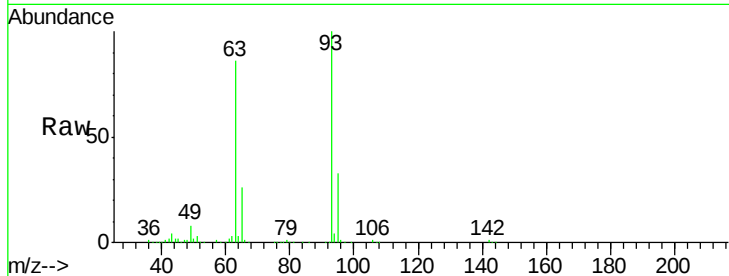
ClientSampleId :

PB87944BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		538117		
63	85.6	45.9	85.9		
95	32.6	12.3	52.3		

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#12

1,3-Dichlorobenzene

Concen: 37.45 ng m

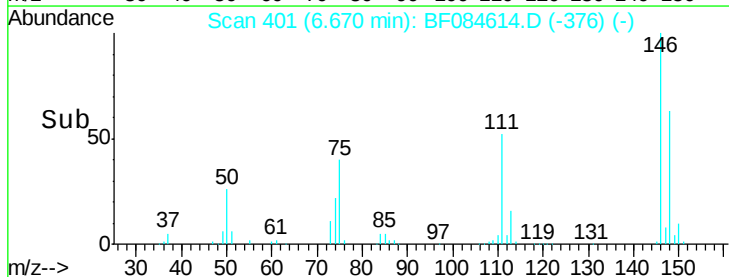
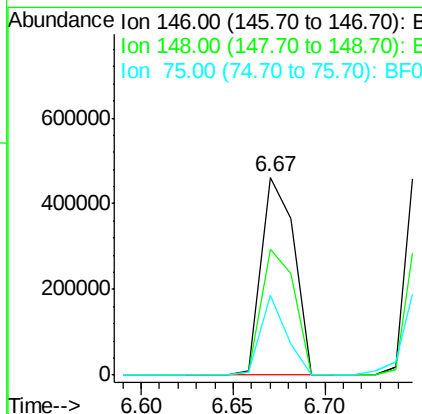
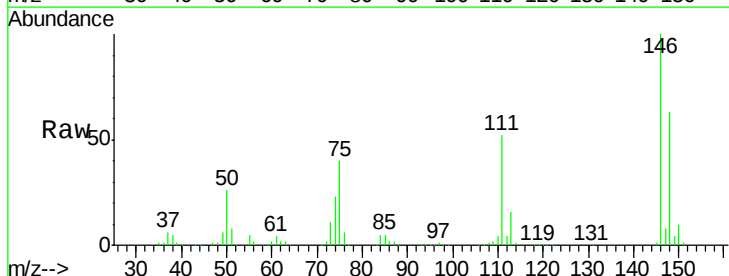
RT: 6.67 min Scan# 401

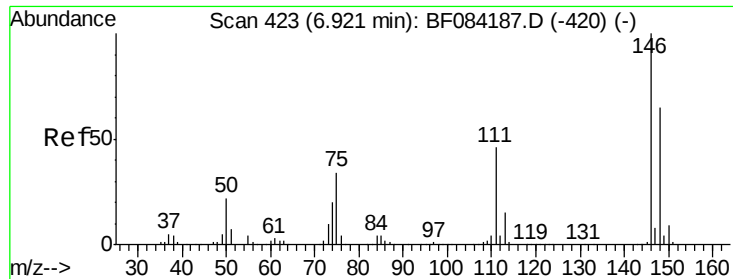
Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		575833		
148	63.4	51.9	77.9		
75	40.3	20.5	30.7#		





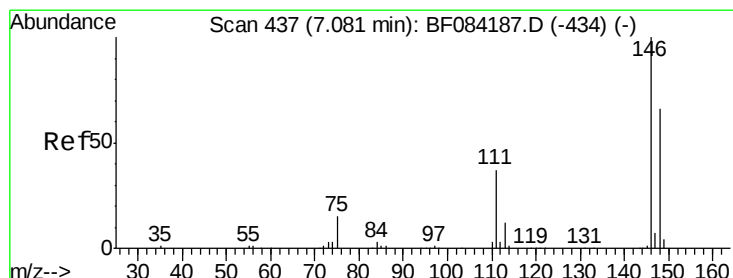
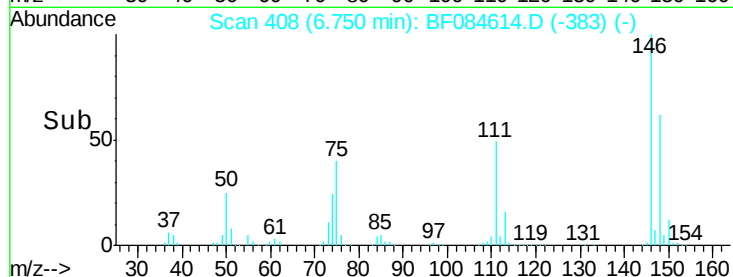
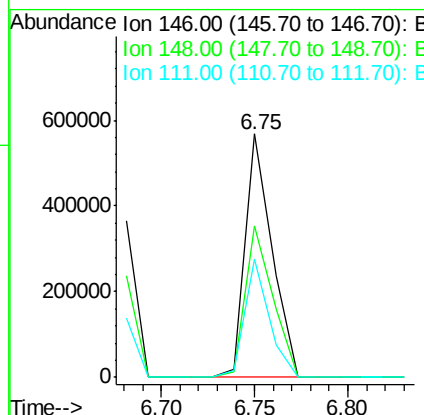
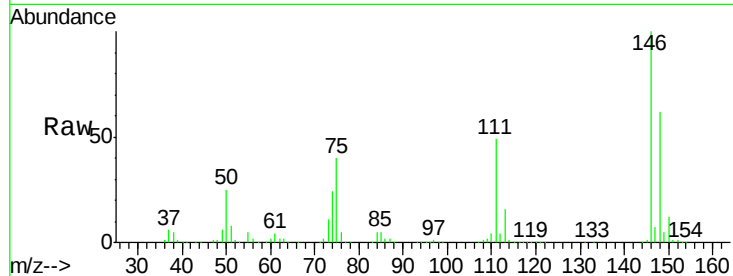
#13
 1,4-Dichlorobenzene
 Concen: 36.81 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.9	77.9
111	48.6	41.6	62.4

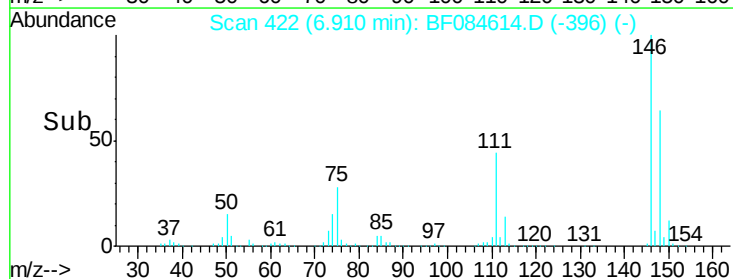
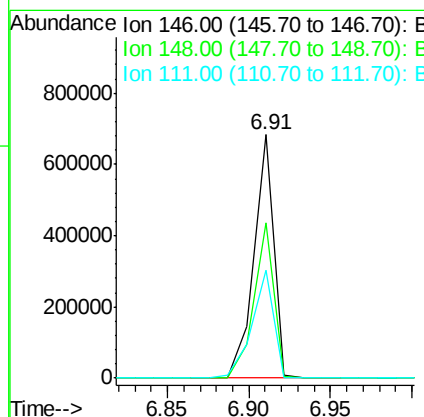
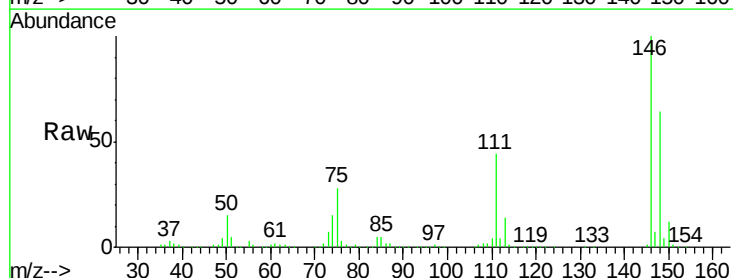
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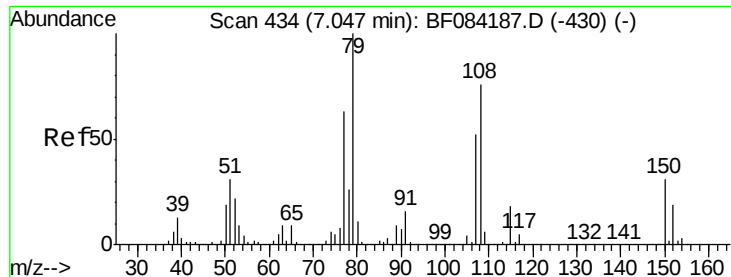
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#14
 1,2-Dichlorobenzene
 Concen: 38.94 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	44.1	38.0	57.0





#15

Benzyl Alcohol

Concen: 32.80 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

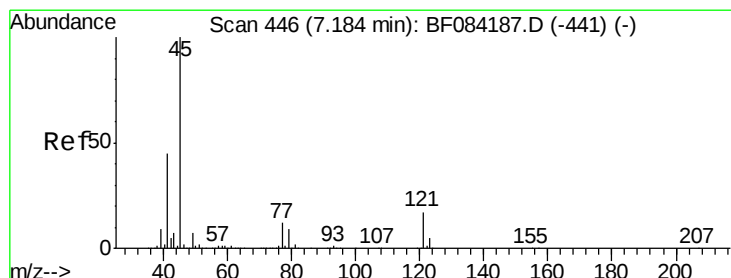
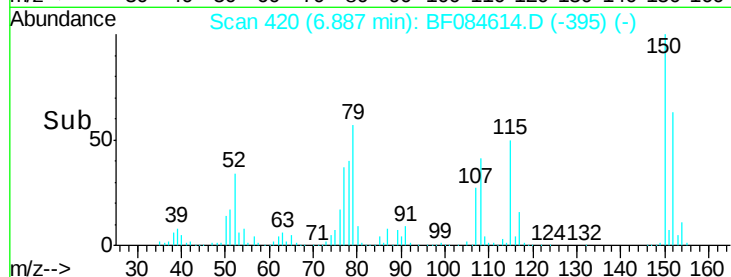
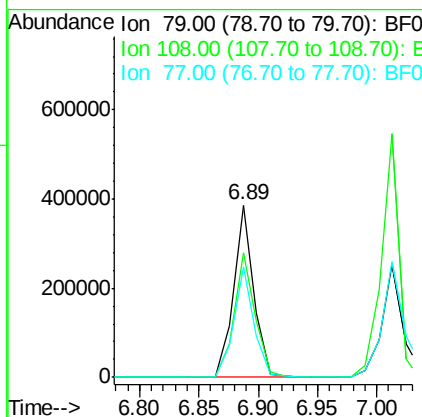
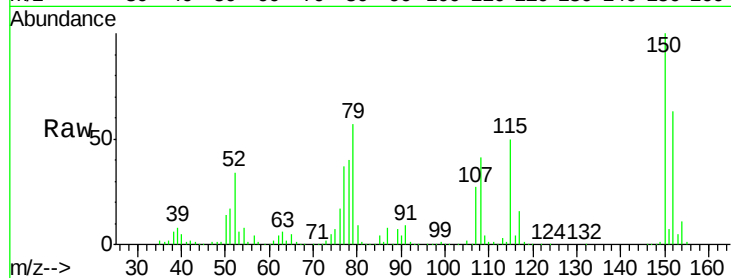
ClientSampleId :

PB87944BS

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Tot Ion:	79	Resp:	455304
Ion Ratio	Lower	Upper	
79	100		
108	72.3	69.0	103.4
77	64.6	50.0	75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.58 ng

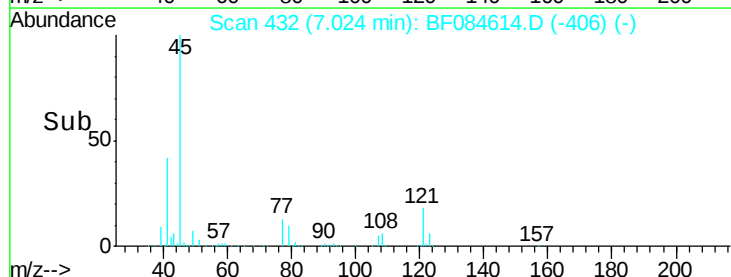
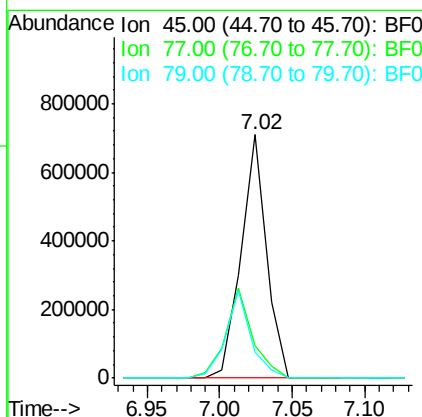
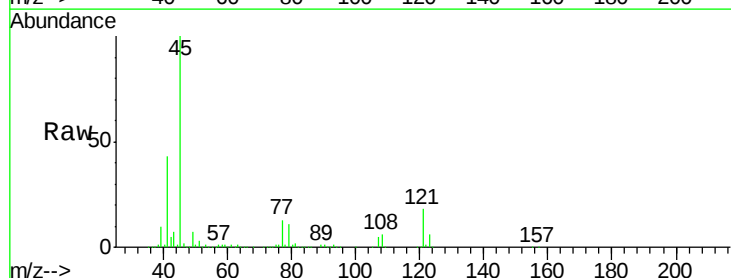
RT: 7.02 min Scan# 432

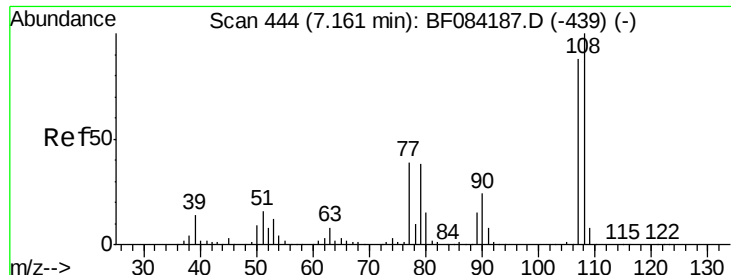
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	45	Resp:	862126
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	39.6
79	10.8	0.0	35.0





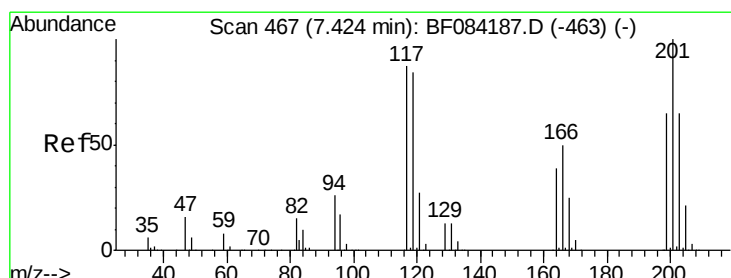
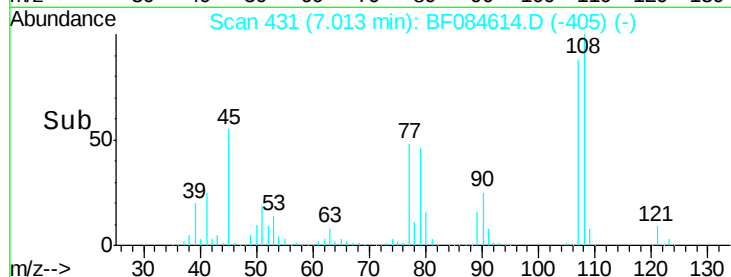
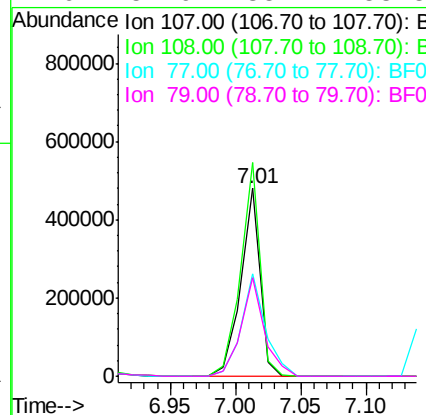
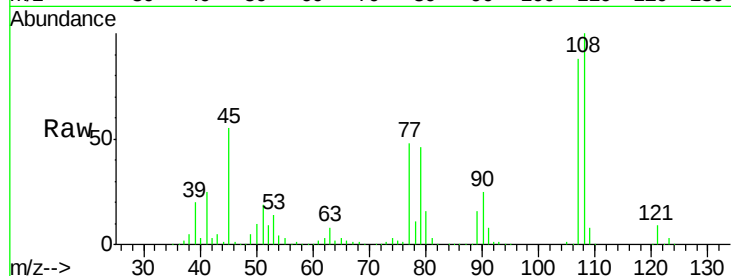
#17
2-Methylphenol
Concen: 38.87 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	113.9	89.8	134.6
77	54.4	35.7	53.5#
79	52.9	35.7	53.5

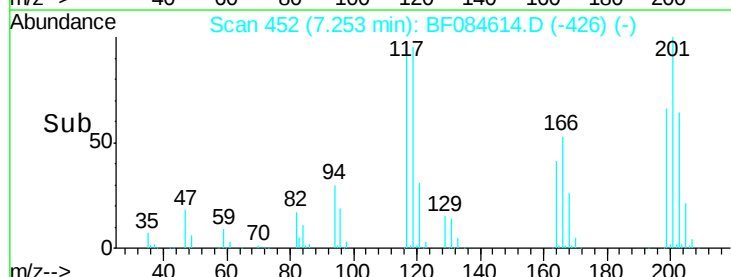
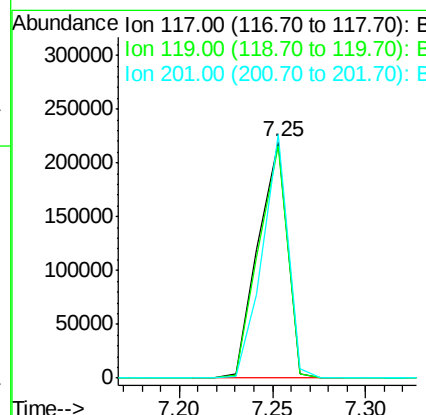
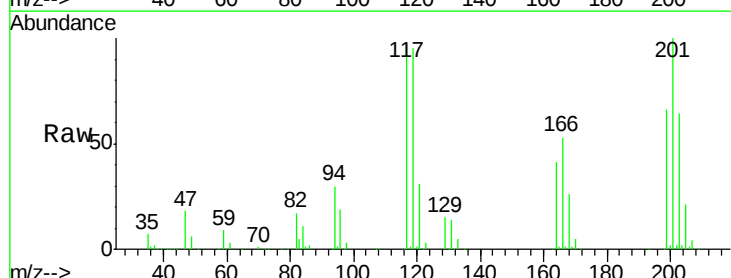
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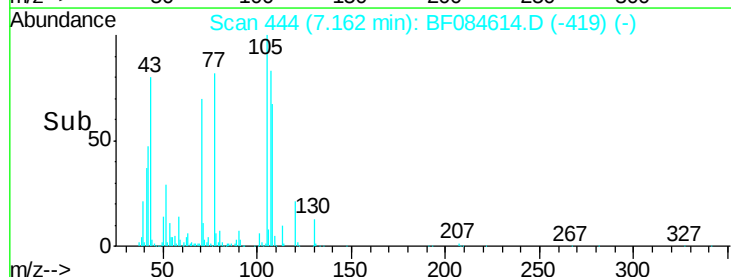
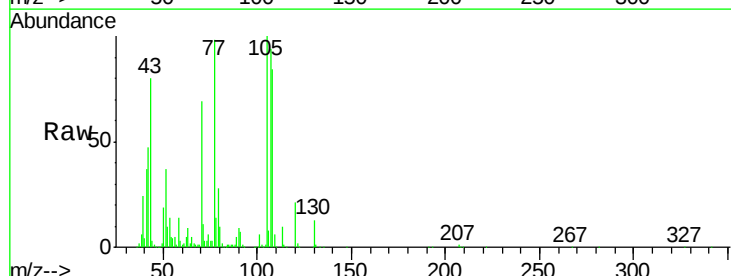
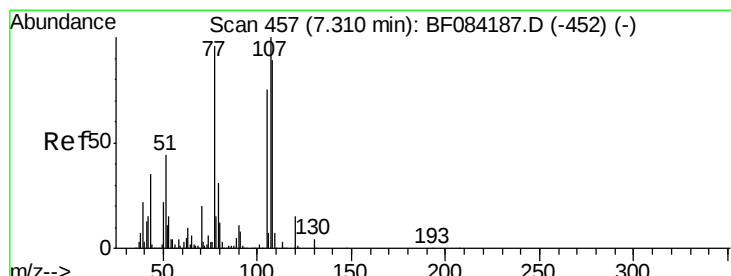
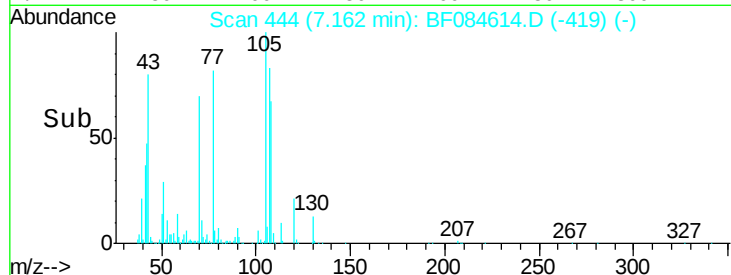
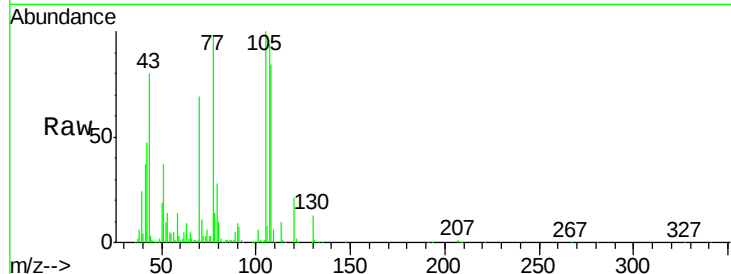
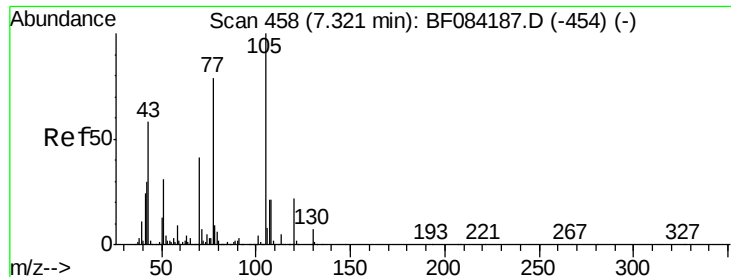
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#18
Hexachloroethane
Concen: 38.65 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	98.4	77.4	116.0
201	103.0	68.6	103.0#





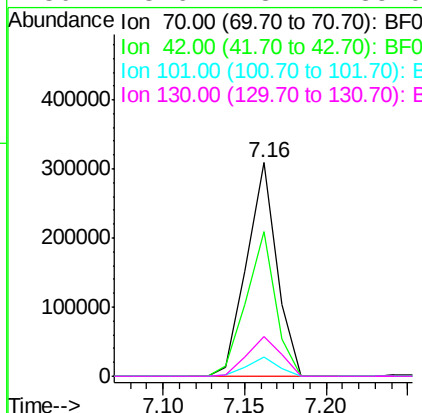
#19
n-Nitroso-di-n-propylamine
Concen: 35.55 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.5	33.3	49.9#
101	8.8	9.3	13.9#
130	18.6	23.4	35.0#

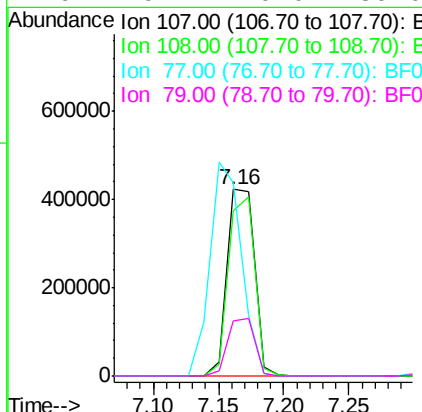
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#20
3+4-Methylphenols
Concen: 42.04 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	74.6	114.6
77	103.4	0.7	40.7#
79	29.2	0.0	39.0





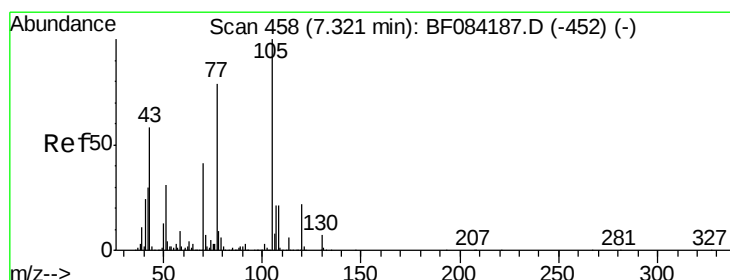
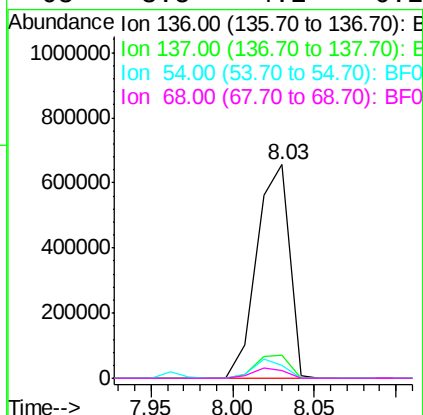
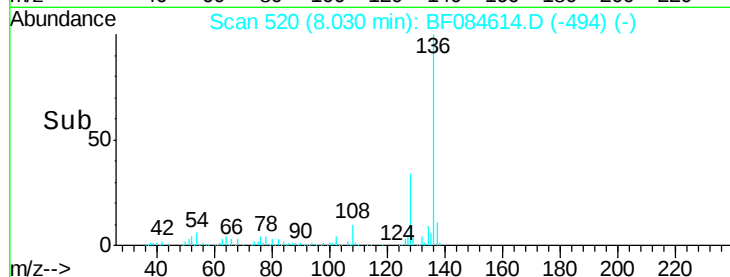
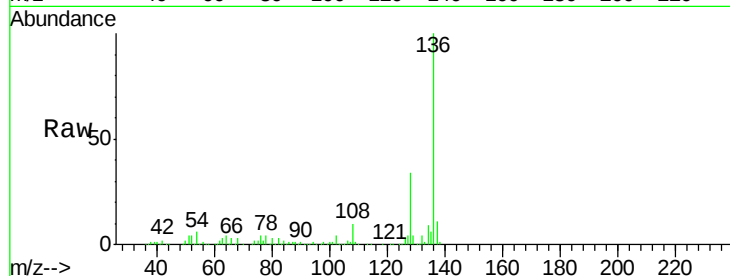
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		911196		
137	10.6		8.7	13.1	
54	6.1		5.8	8.8	
68	3.5		4.2	6.2	

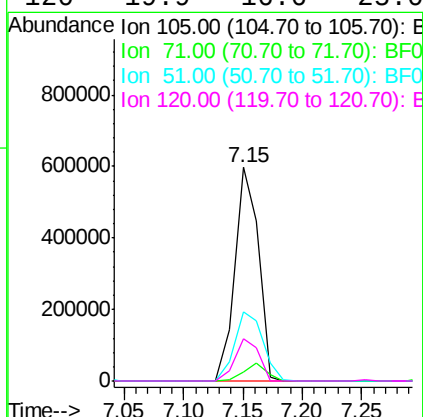
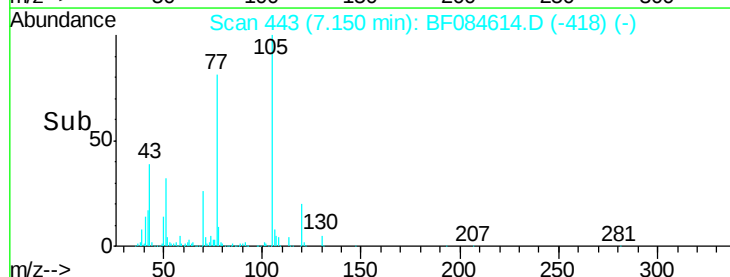
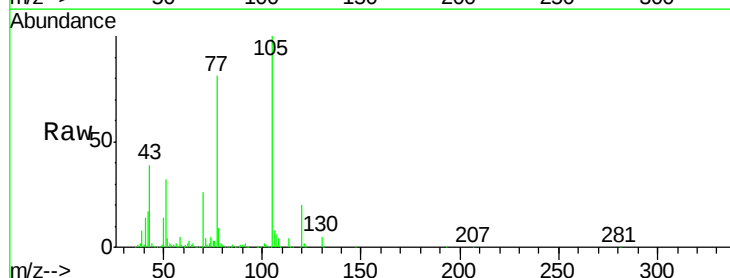
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#22
Acetophenone
Concen: 37.65 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		824972		
71	4.1		3.7	5.5	
51	32.4		25.1	37.7	
120	19.9		16.6	25.0	





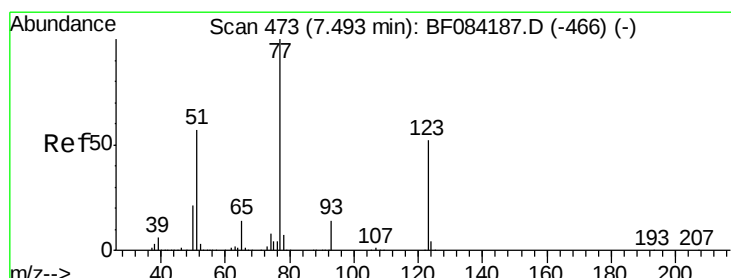
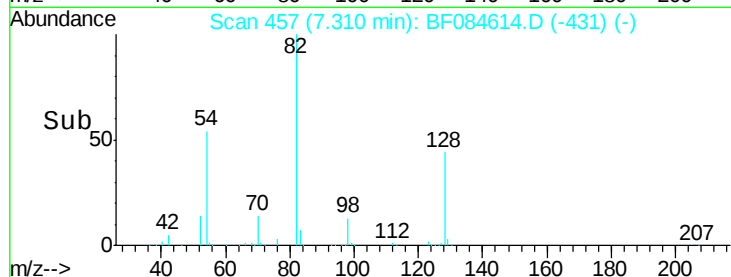
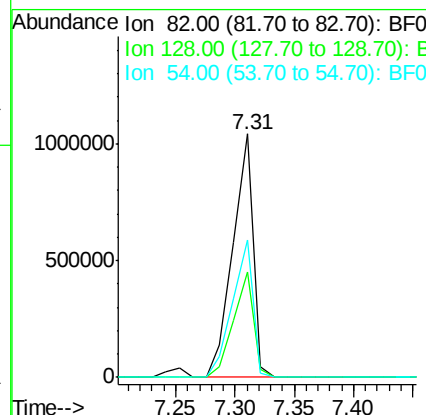
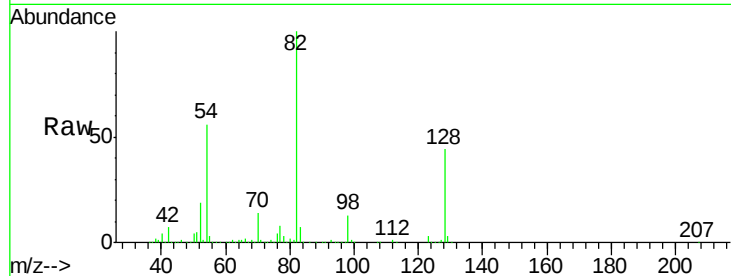
#23
 Nitrobenzene-d5
 Concen: 75.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	56.2	38.4	57.6

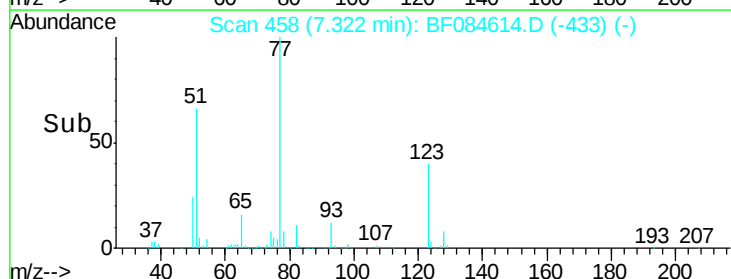
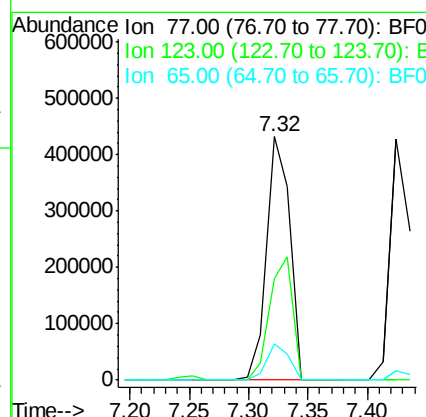
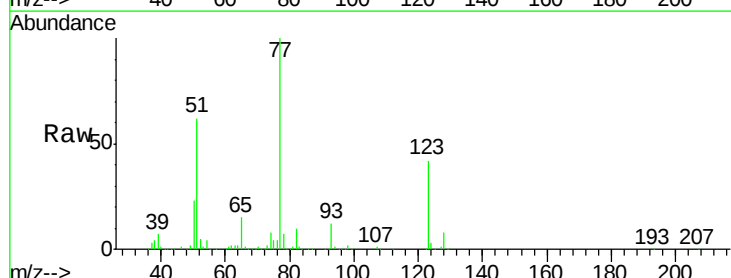
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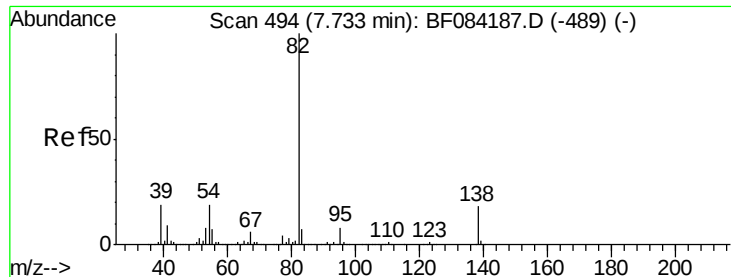
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#24
 Nitrobenzene
 Concen: 35.54 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.8	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 36.88 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tot Ion: 82 Resp: 1154771

Ion Ratio Lower Upper

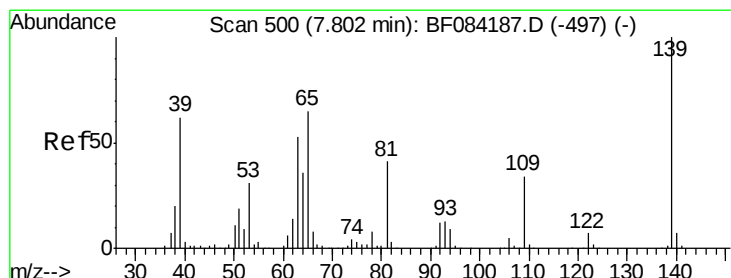
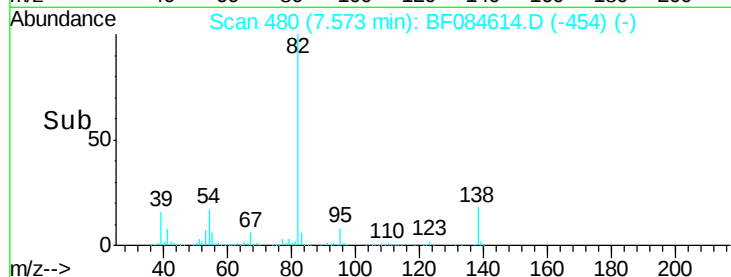
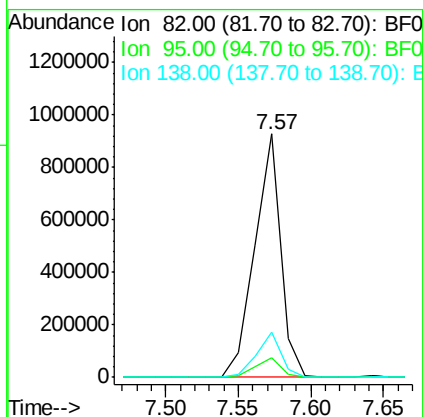
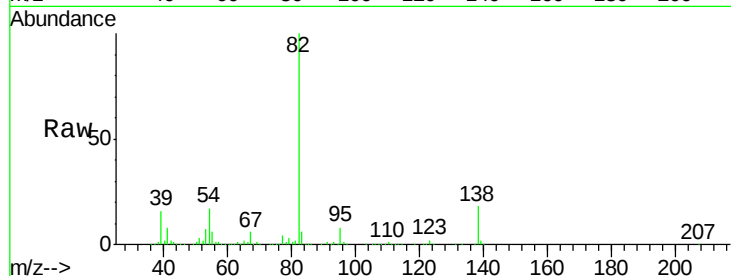
82 100

95 7.9 6.6 10.0

138 18.5 13.6 20.4

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#26

2-Nitrophenol

Concen: 39.94 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

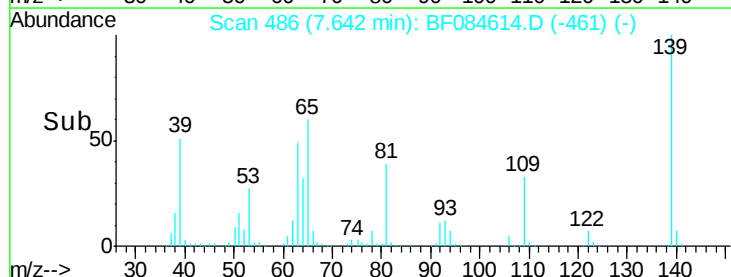
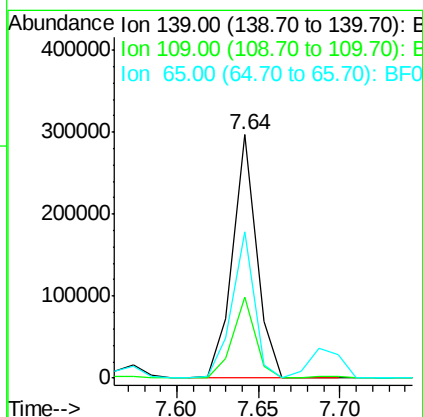
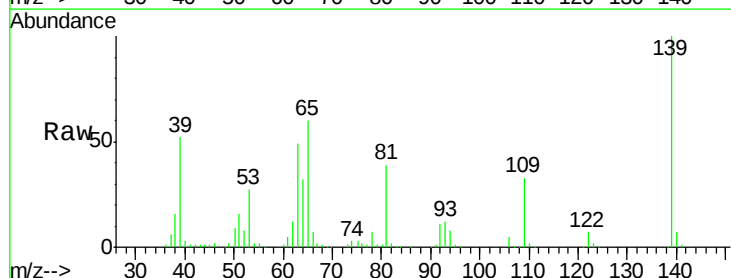
Tgt Ion: 139 Resp: 301879

Ion Ratio Lower Upper

139 100

109 33.1 25.4 38.2

65 60.0 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 37.52 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

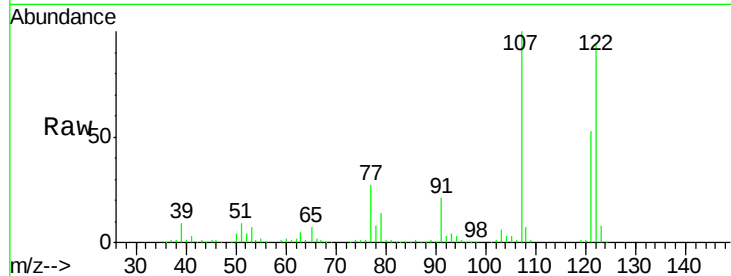
ClientSampleId :

PB87944BS

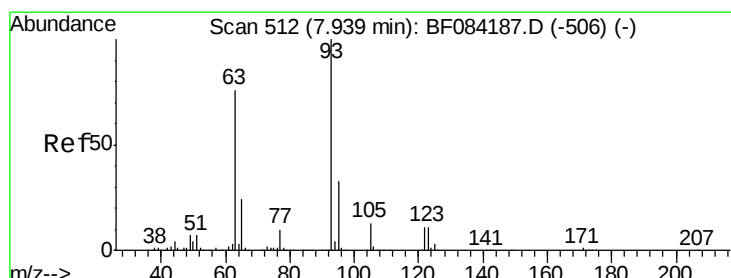
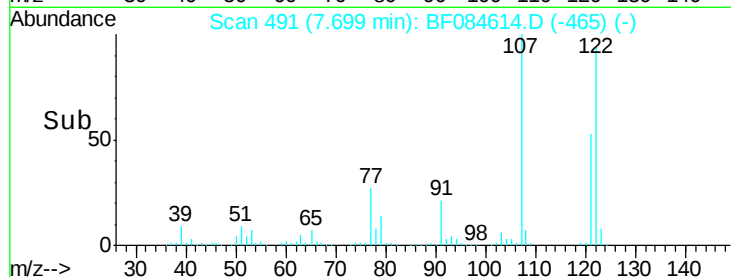
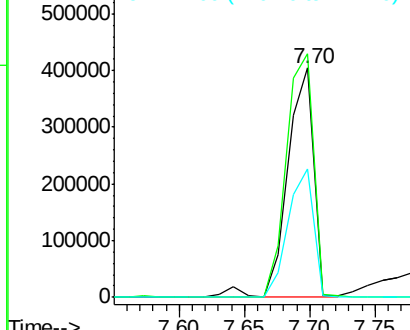
Tot Ion:	122	Resp:	573931
Ion Ratio	Lower	Upper	
122	100		
107	106.2	99.1	148.7
121	56.2	47.9	71.9

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



#28

bis(2-Chloroethoxy)methane

Concen: 36.92 ng

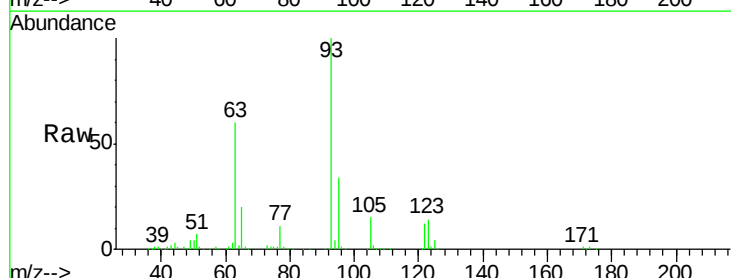
RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

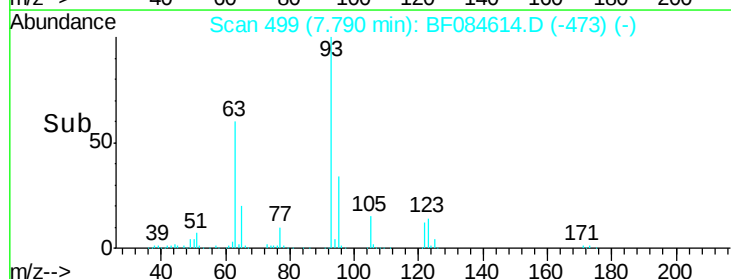
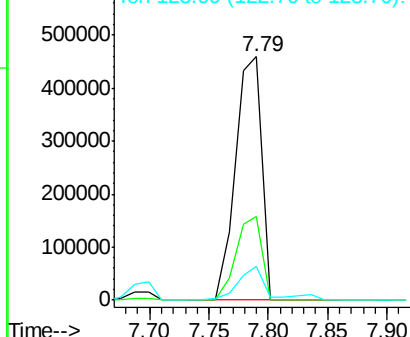
Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	93	Resp:	706141
Ion Ratio	Lower	Upper	
93	100		
95	34.3	25.8	38.6
123	13.7	8.6	12.8#



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





#29

2,4-Dichlorophenol

Concen: 41.45 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

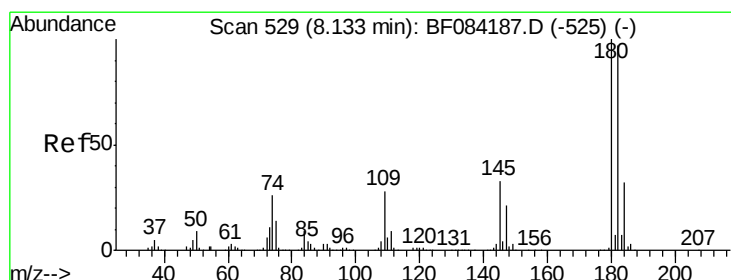
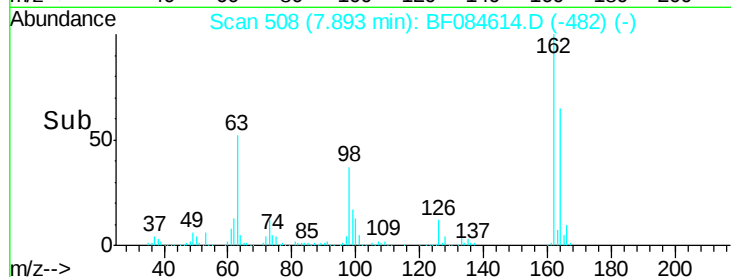
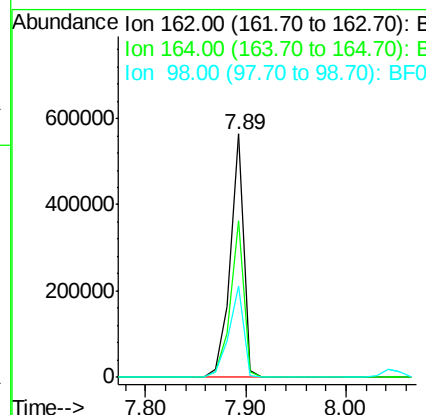
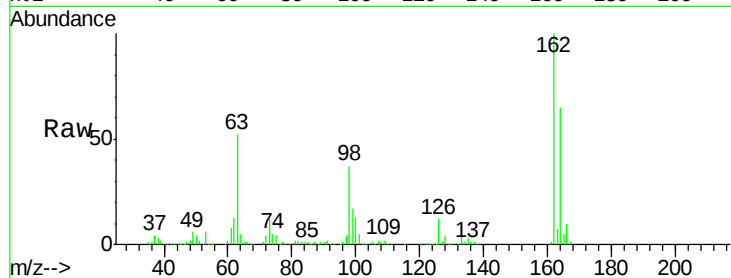
ClientSampleId :

PB87944BS

Tot Ion:	162	Resp:	528210
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.1	84.1
98	37.4	20.2	60.2

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#30

1,2,4-Trichlorobenzene

Concen: 38.32 ng

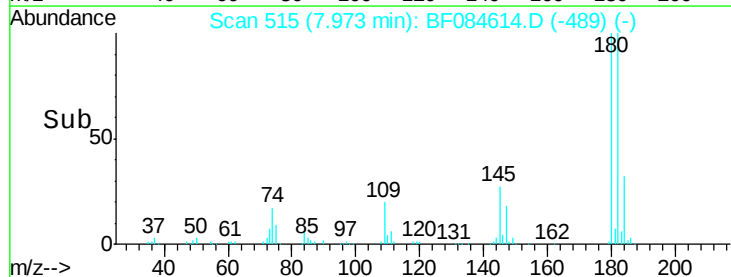
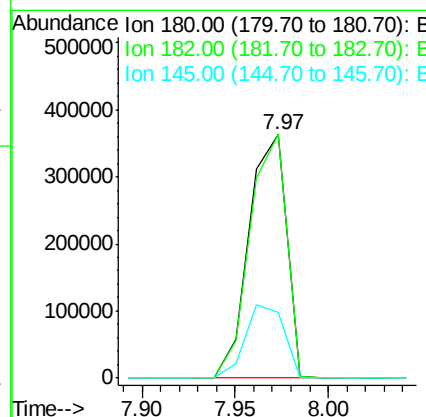
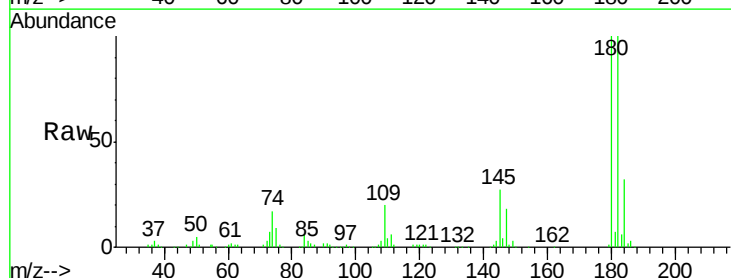
RT: 7.97 min Scan# 515

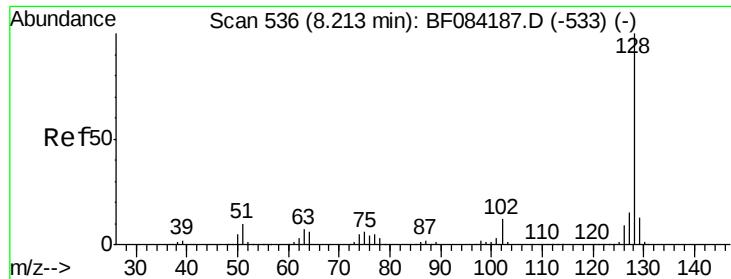
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	180	Resp:	504126
Ion Ratio	Lower	Upper	
180	100		
182	100.0	76.4	114.6
145	27.2	31.6	47.4#





#31

Naphthalene

Concen: 38.03 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

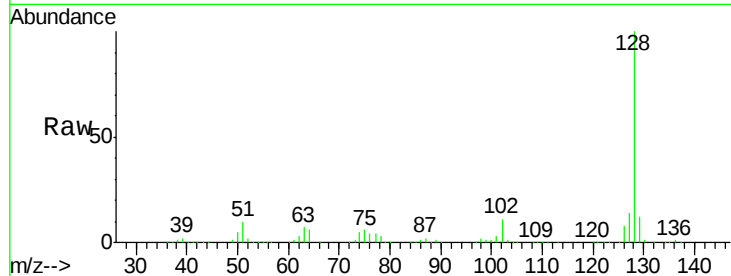
PB87944BS

Tot Ion:128 Resp: 1572140

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.7	11.1	16.7

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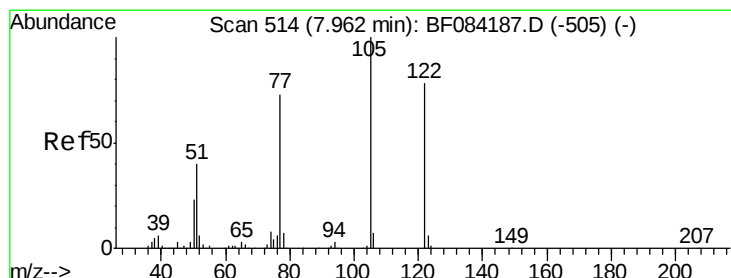
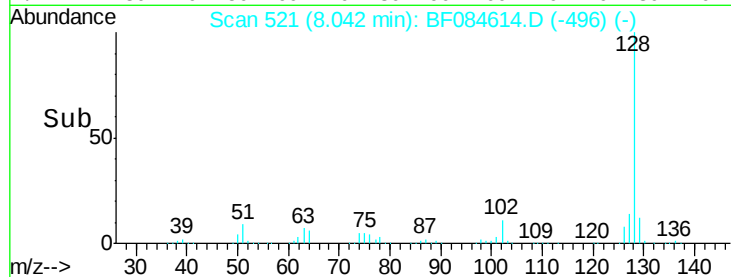
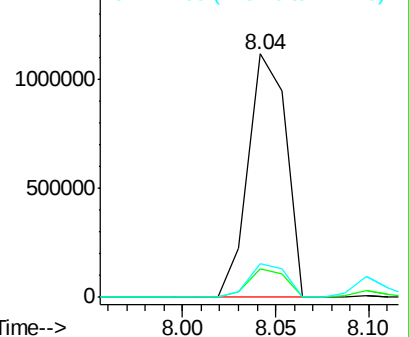
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.65 ng

RT: 7.84 min Scan# 503

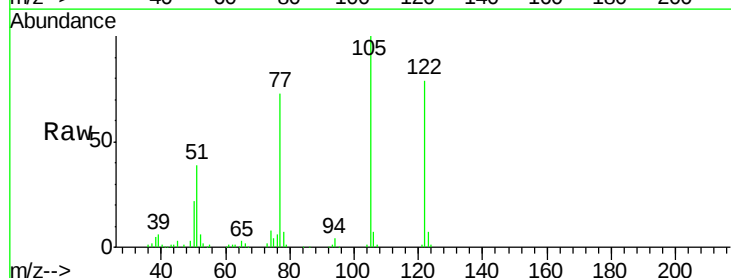
Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:122 Resp: 400537

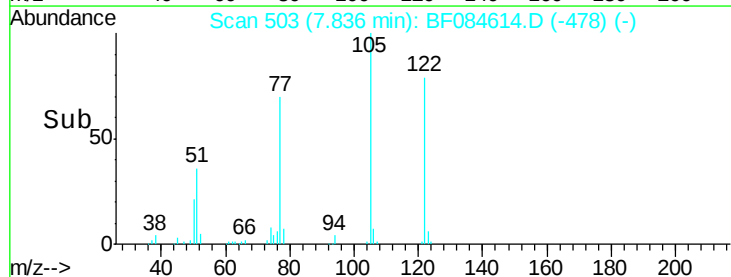
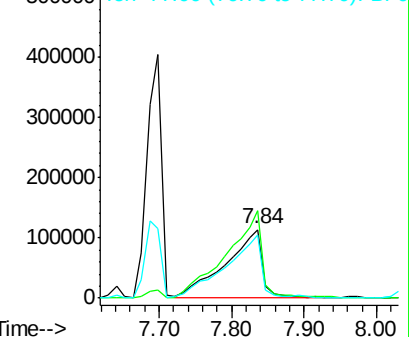
Ion	Ratio	Lower	Upper
122	100		
105	126.7	100.3	140.3
77	91.9	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





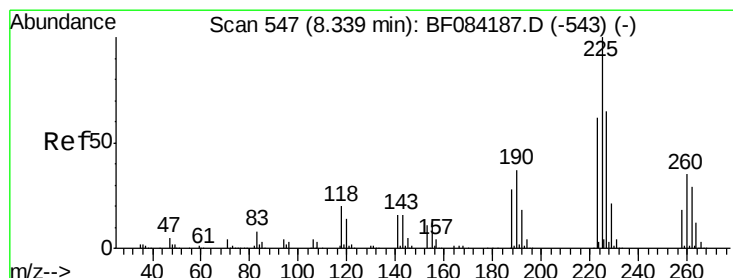
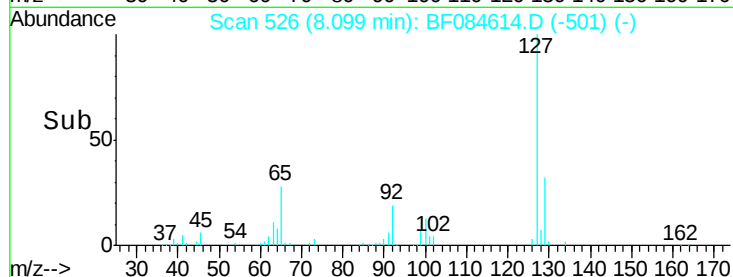
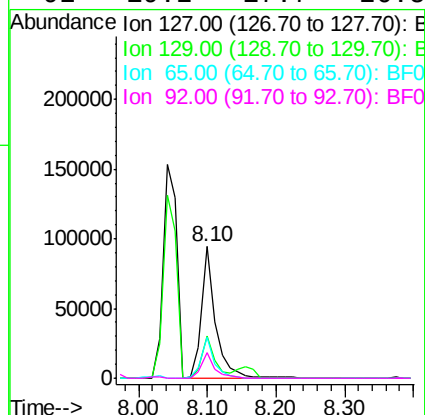
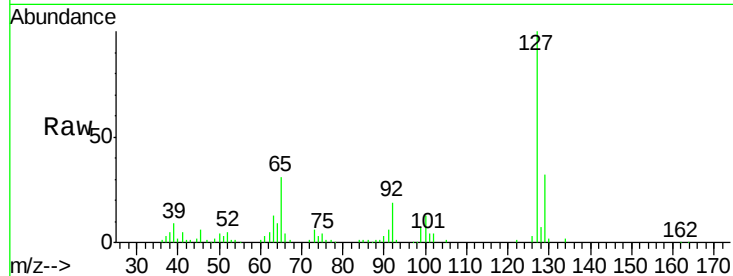
#33
4-Chloroaniline
Concen: 6.94 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.5	39.7		
65	30.8	27.2	40.8		
92	19.2	17.7	26.5		

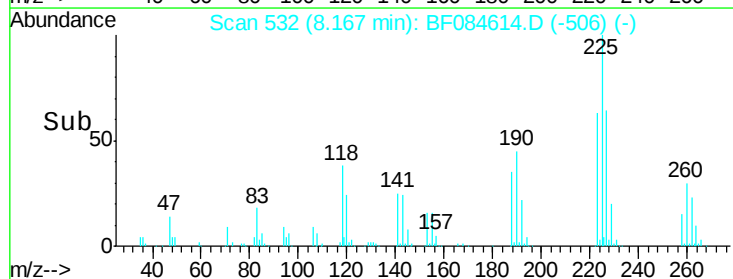
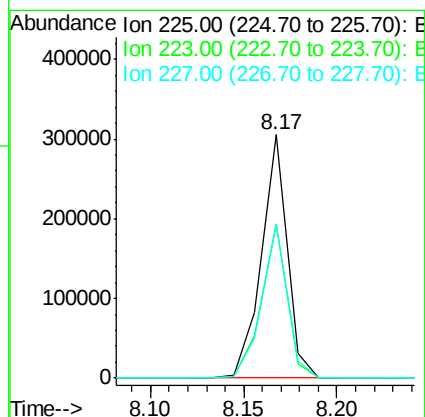
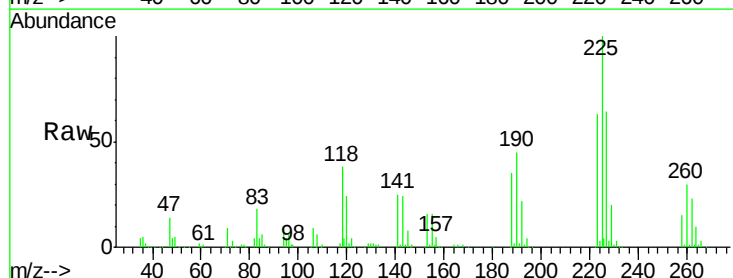
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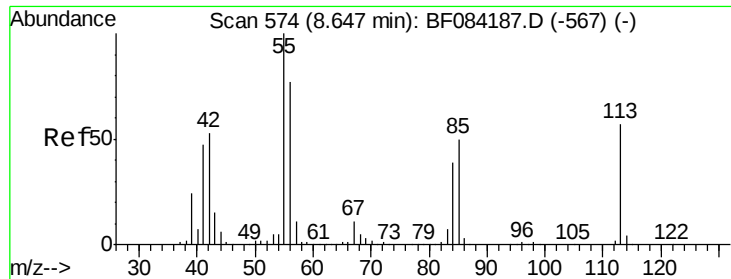
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#34
Hexachlorobutadiene
Concen: 38.36 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	49.4	74.0		
227	63.5	50.8	76.2		





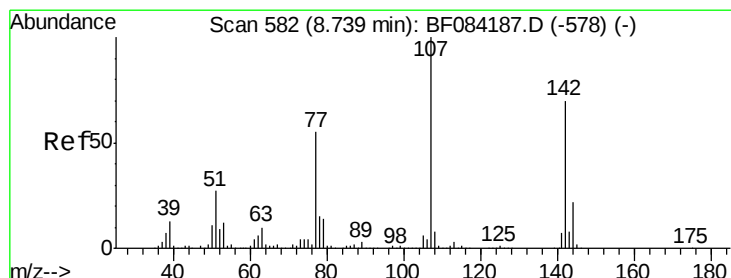
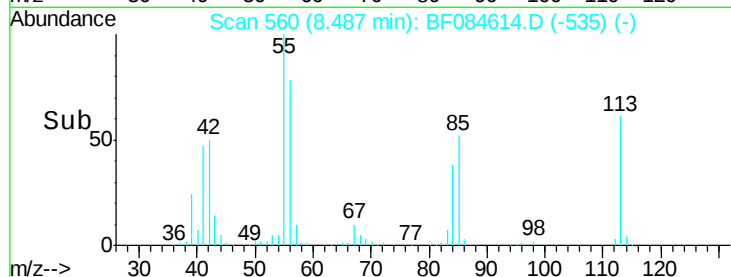
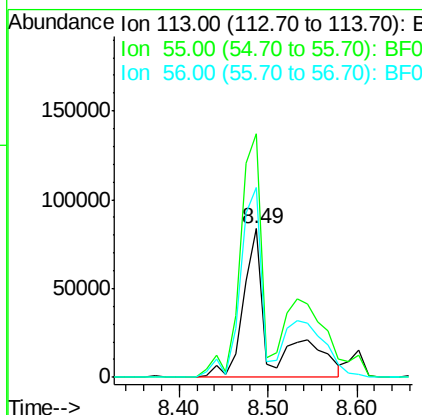
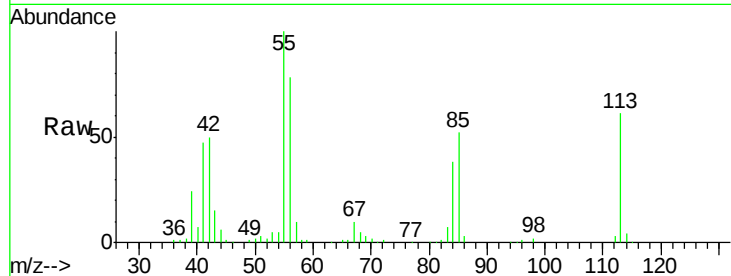
#35
Caprolactam
Concen: 42.66 ng/ml
RT: 8.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.9	116.9	156.9#
56	127.6	93.8	133.8

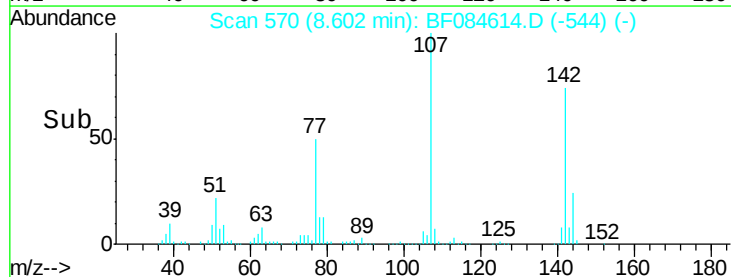
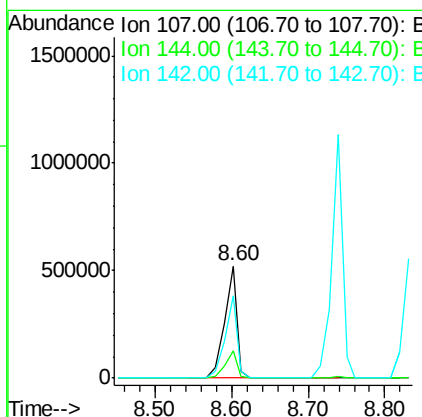
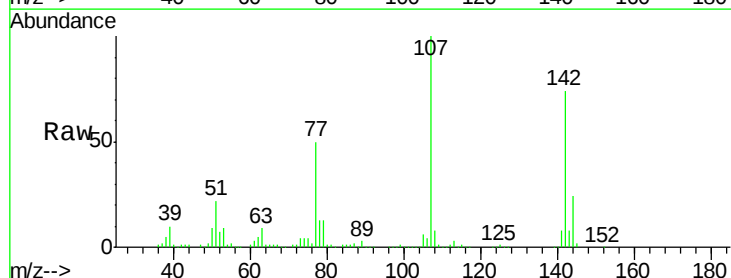
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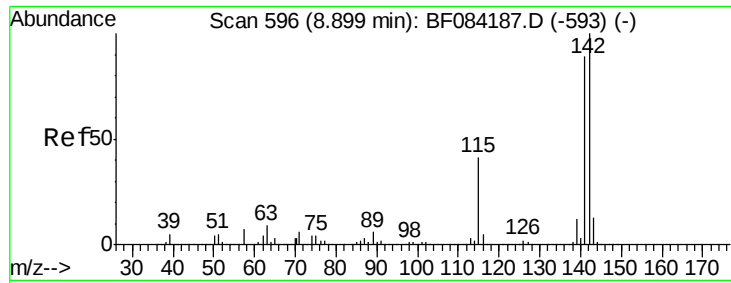
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#36
4-Chloro-3-methylphenol
Concen: 41.52 ng/ml
RT: 8.60 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.9	19.7	29.5
142	73.9	61.8	92.6





#37

2-Methylnaphthalene

Concen: 37.00 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tot Ion:142 Resp: 1098042

Ion Ratio Lower Upper

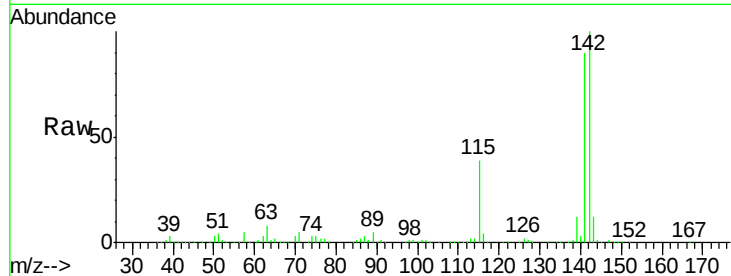
142 100

141 90.4 72.4 108.6

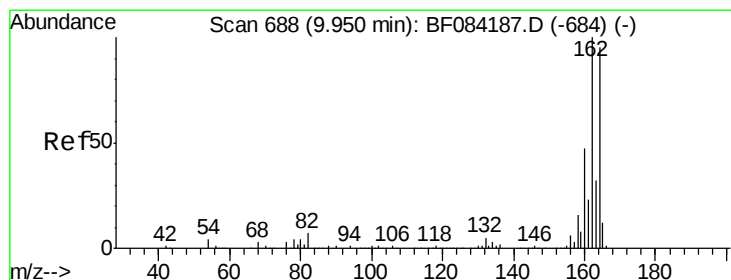
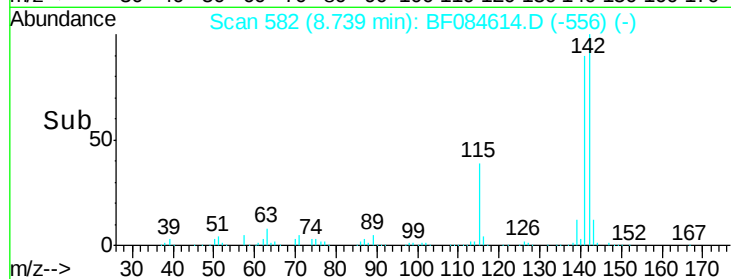
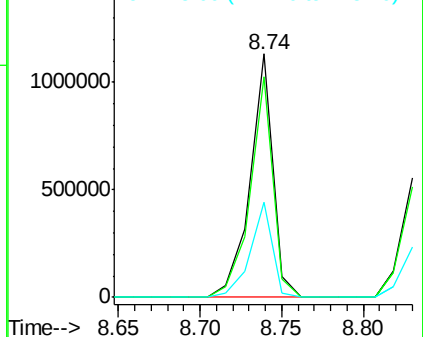
115 39.3 27.9 41.9

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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

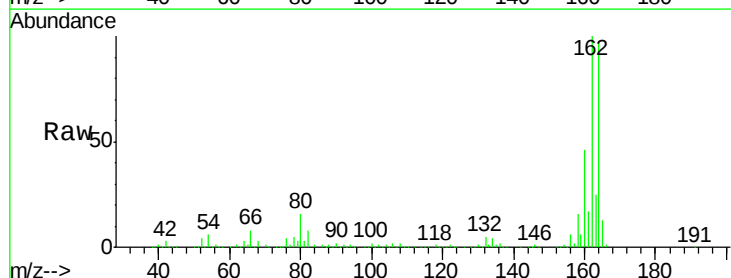
Tgt Ion:164 Resp: 383673

Ion Ratio Lower Upper

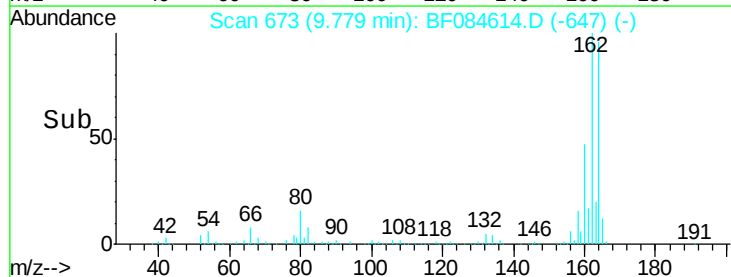
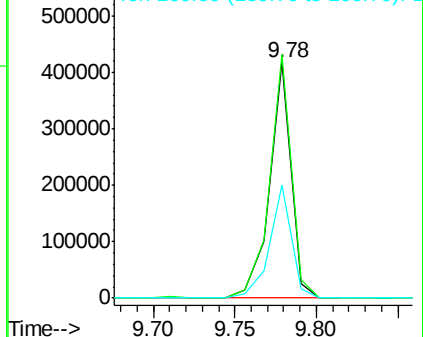
164 100

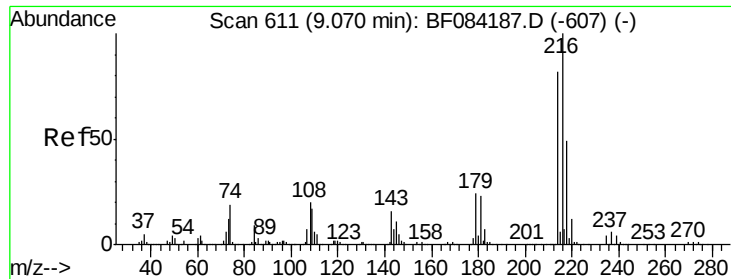
162 103.4 85.1 127.7

160 48.1 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.42 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF084614.D

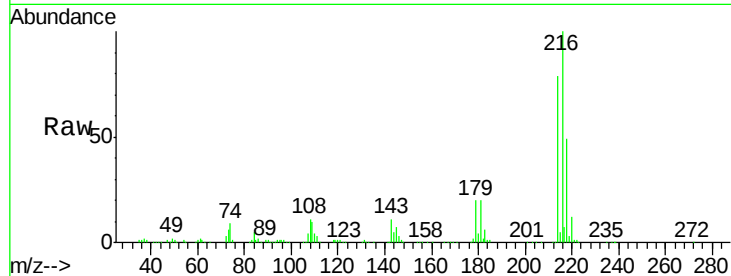
Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

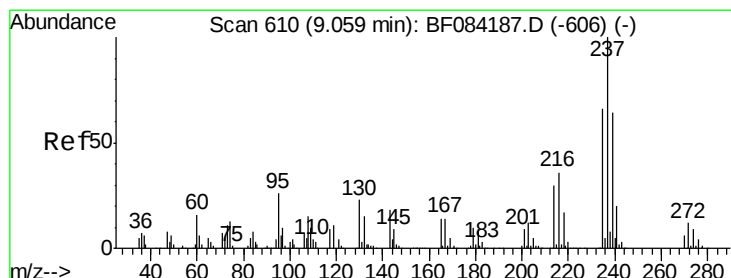
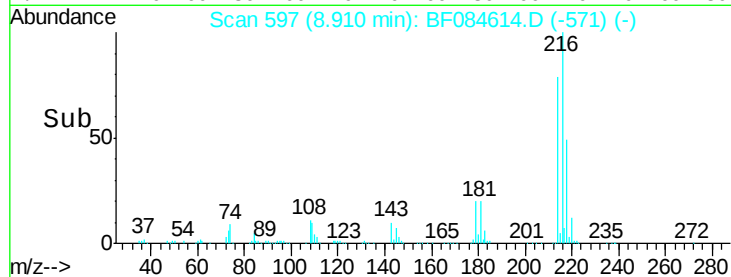
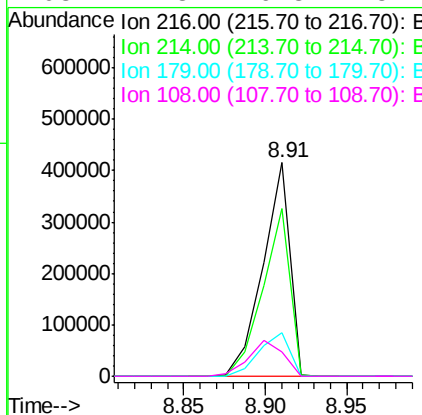
PB87944BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		478895		
214	79.2	64.2	96.2		
179	22.5	18.7	28.1		
108	21.8	16.8	25.2		

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#40

Hexachlorocyclopentadiene

Concen: 75.77 ng

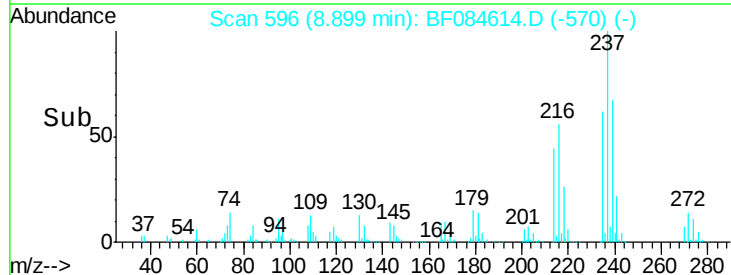
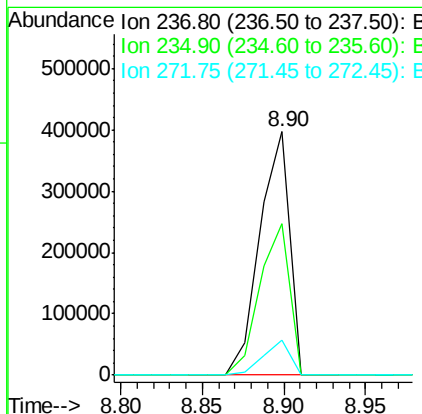
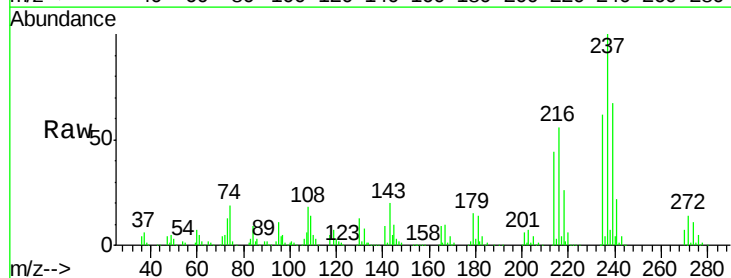
RT: 8.90 min Scan# 596

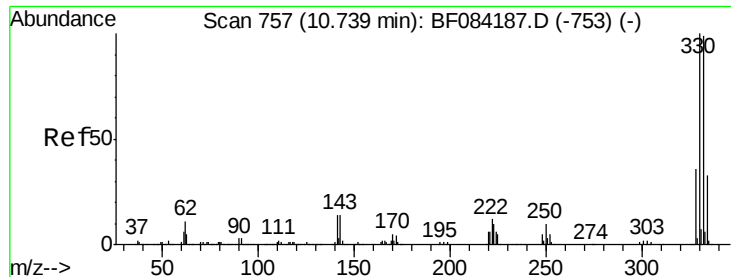
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		504481		
235	62.4	43.1	83.1		
272	14.4	0.0	35.1		





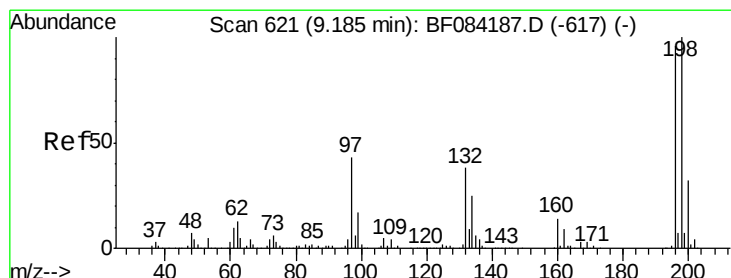
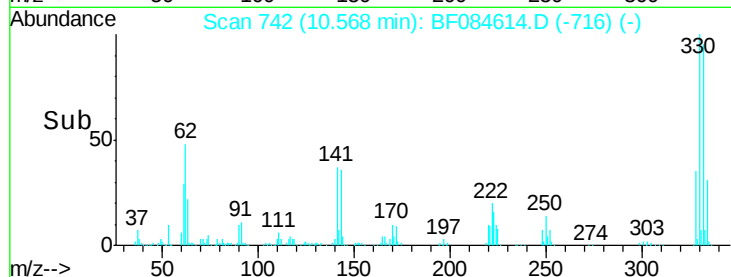
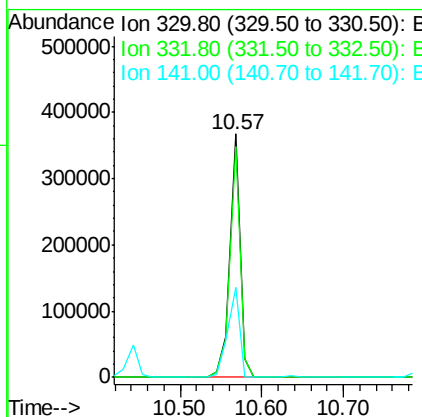
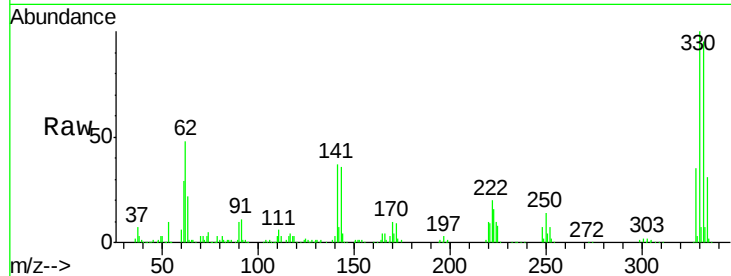
#41
 2,4,6-Tribromophenol
 Concen: 83.30 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	322654		
332	94.4	76.6	114.8	
141	42.2	27.8	41.6	

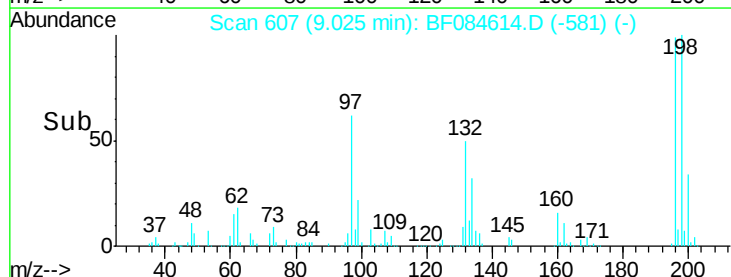
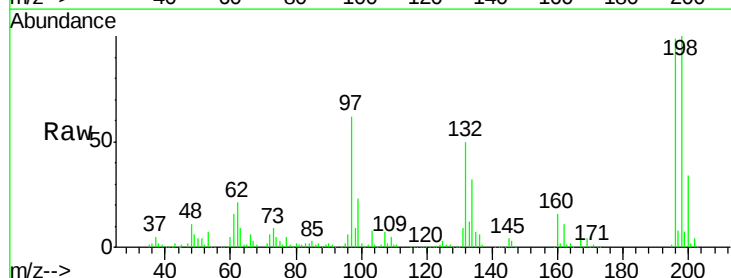
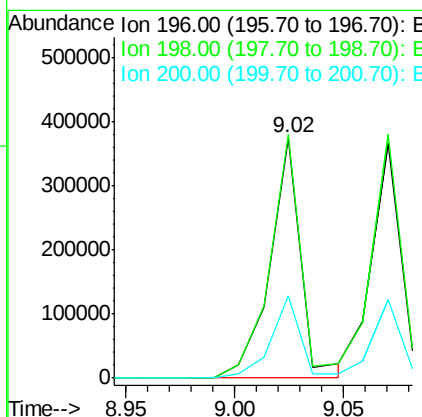
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#42
 2,4,6-Trichlorophenol
 Concen: 45.26 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

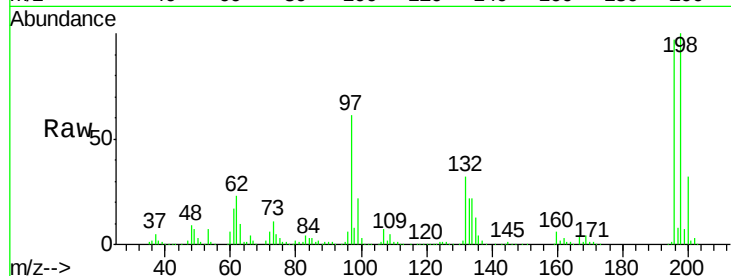
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	373529		
198	101.4	77.7	116.5	
200	34.3	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

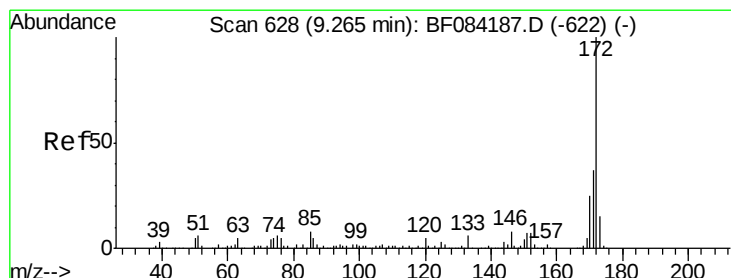
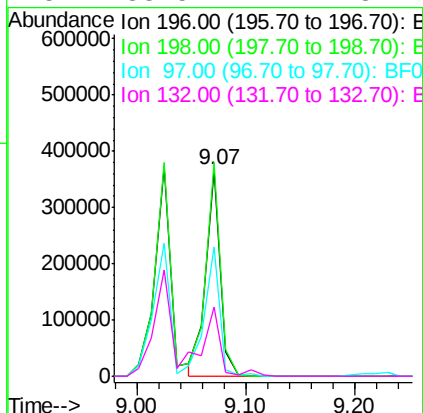
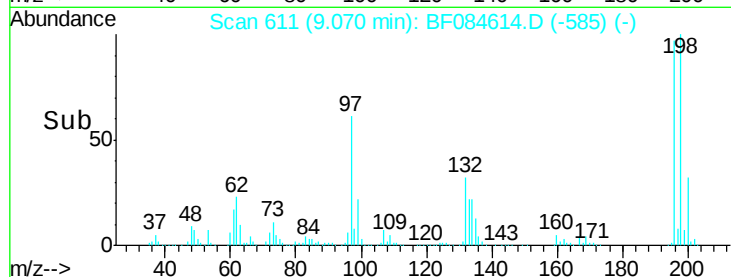
Instrument :
 BNA_F
 ClientSampled :
 PB87944BS



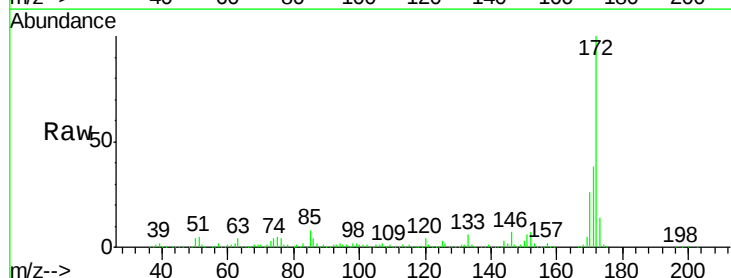
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.5	79.0	118.6	
97	62.8	33.0	49.6	
132	33.5	21.1	31.7	

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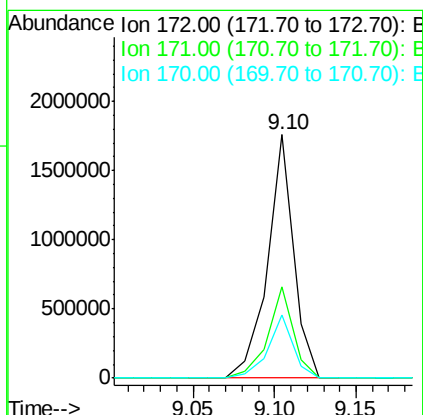
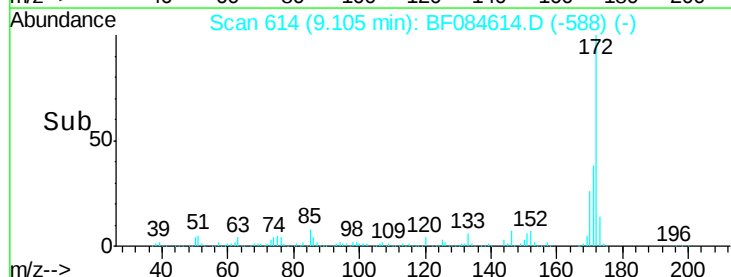
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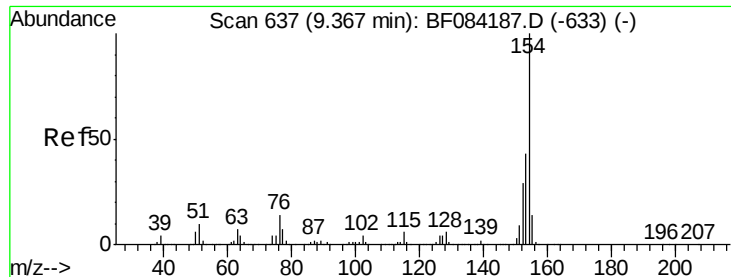


#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27



Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.7	28.9	43.3	
170	26.0	18.6	27.8	





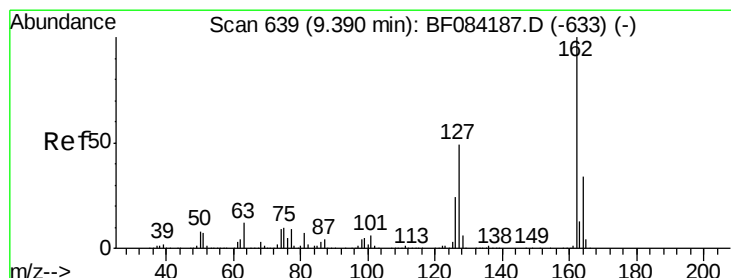
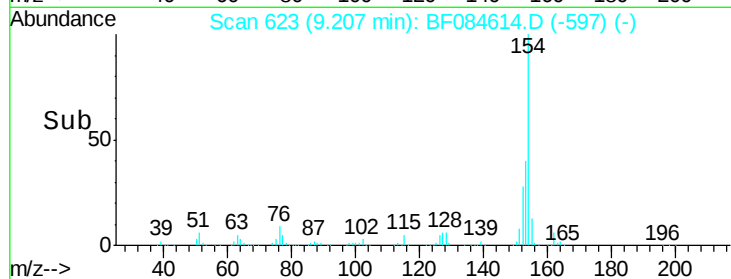
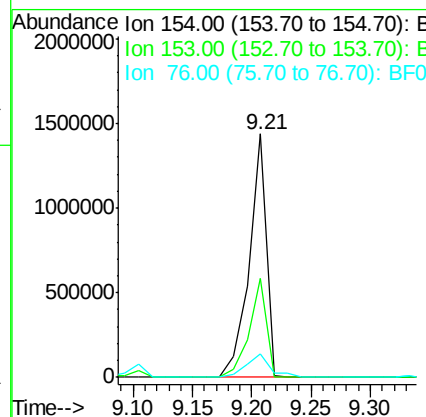
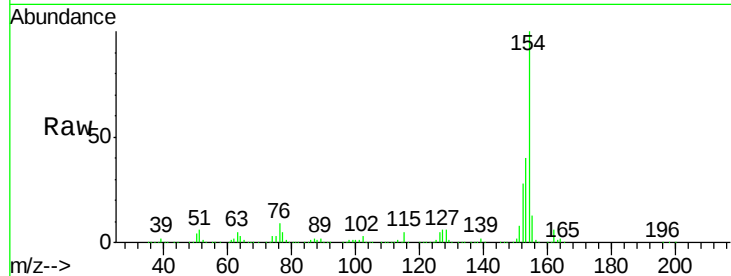
#45
 1,1'-Biphenyl
 Concen: 47.42 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion:154 Resp: 1446114
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.6 61.6
 76 9.4 0.0 32.7

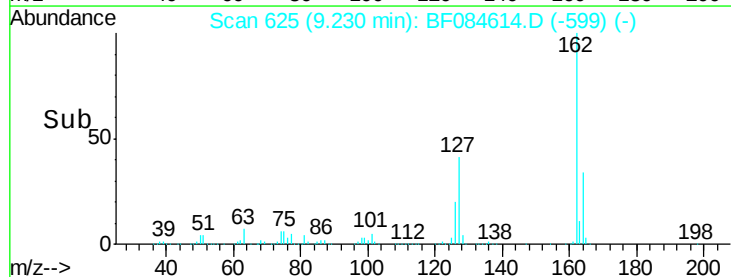
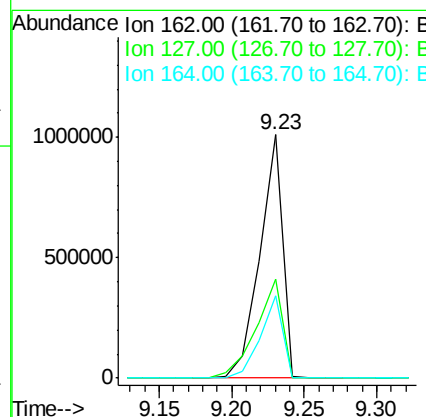
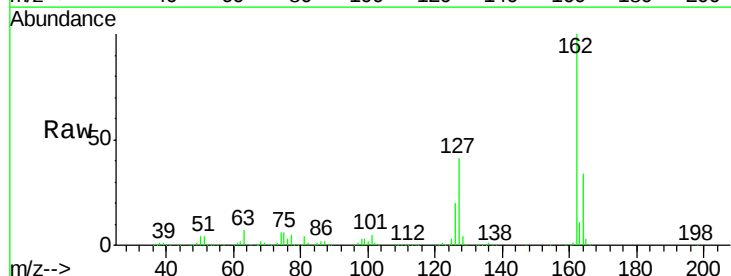
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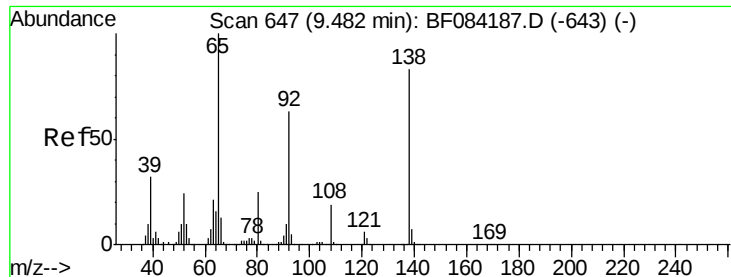
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#46
 2-Chloronaphthalene
 Concen: 45.82 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:162 Resp: 1097434
 Ion Ratio Lower Upper
 162 100
 127 40.9 40.2 60.4
 164 33.9 25.7 38.5





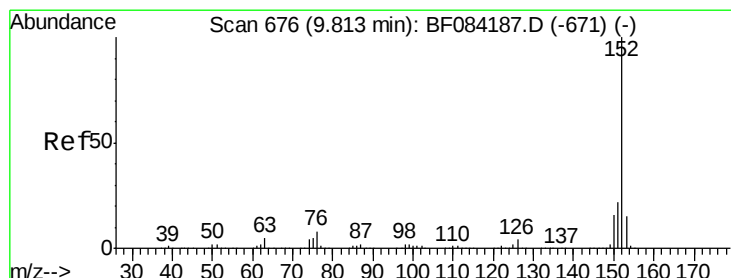
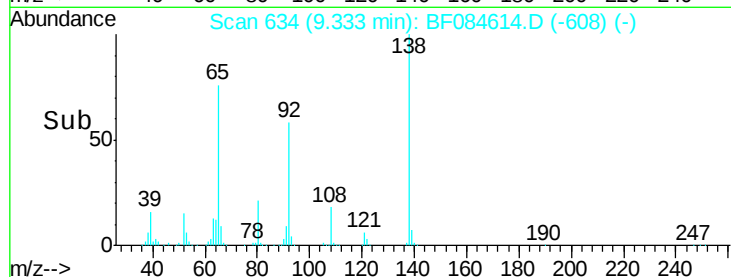
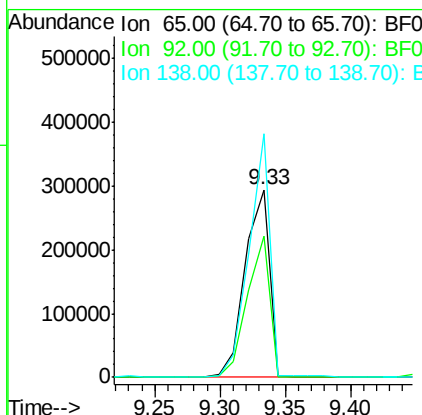
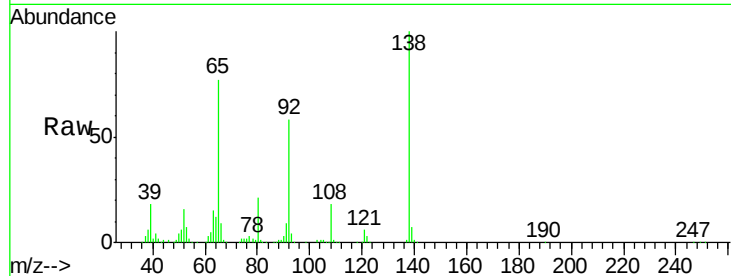
#47
2-Nitroaniline
Concen: 48.43 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.7	53.4	80.2
138	130.0	71.1	106.7

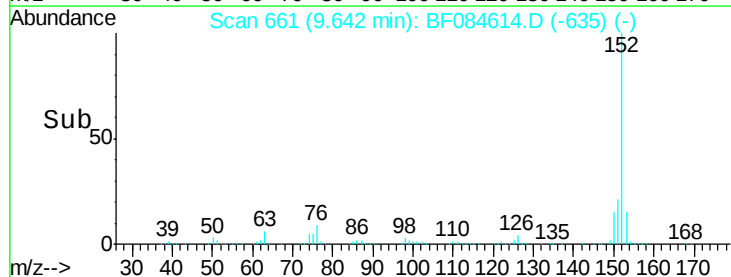
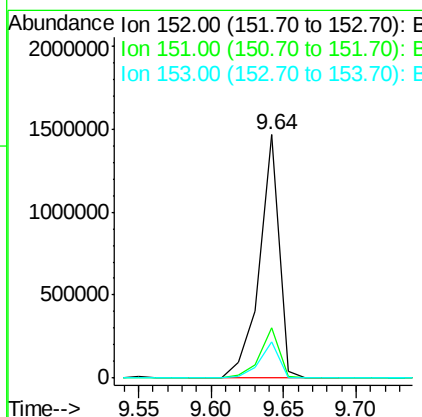
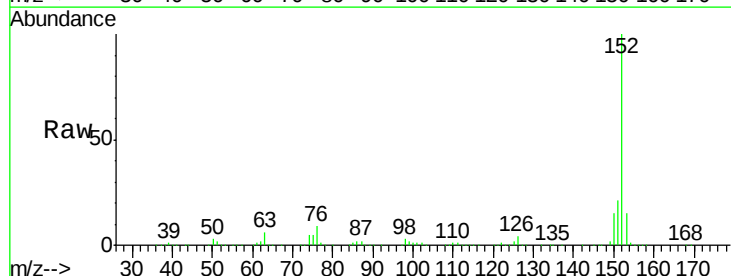
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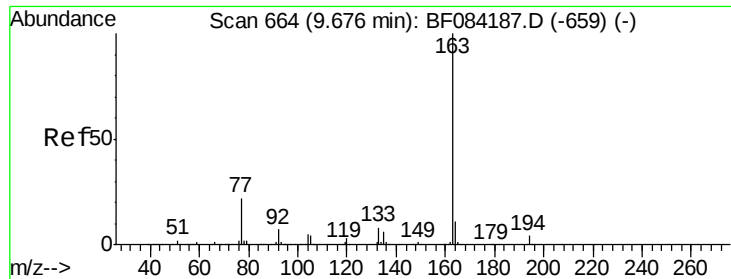
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#48
Acenaphthylene
Concen: 38.99 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	14.7	10.4	15.6





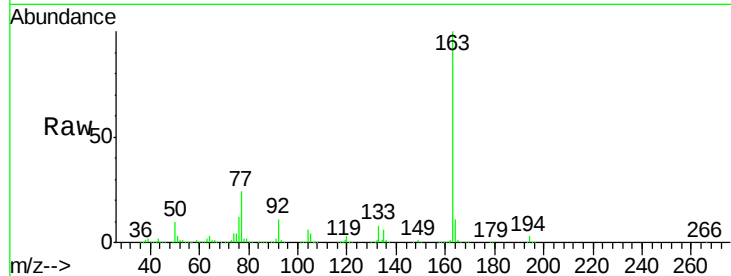
#49
Dimethylphthalate
Concen: 38.23 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

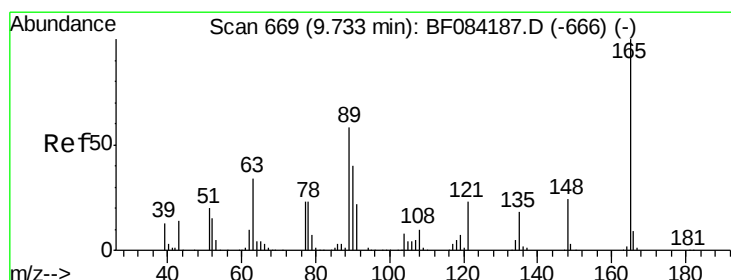
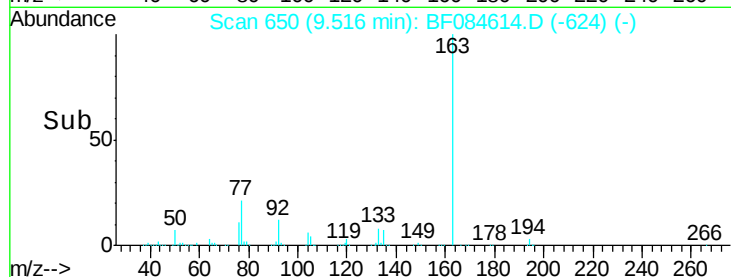
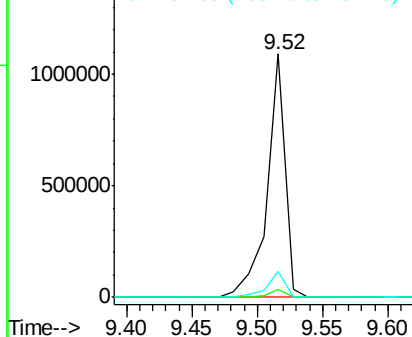
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	10.6	8.0	12.0

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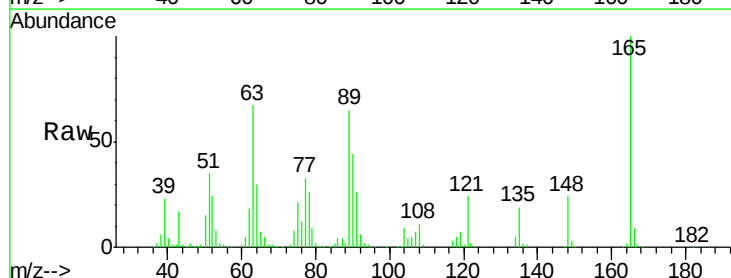


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

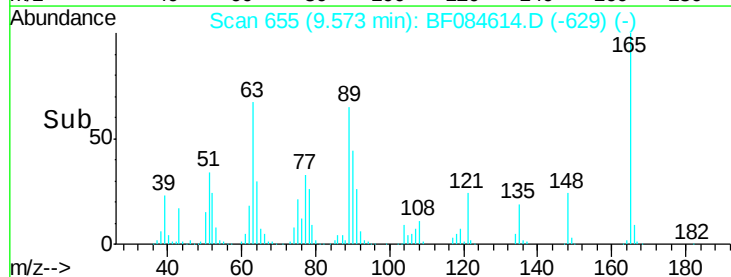
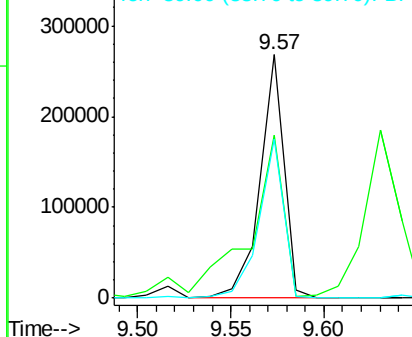


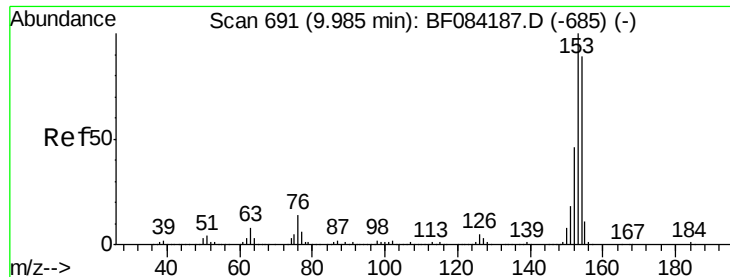
#50
2,6-Dinitrotoluene
Concen: 39.38 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.0	28.8	43.2#
89	65.4	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: 38.77 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

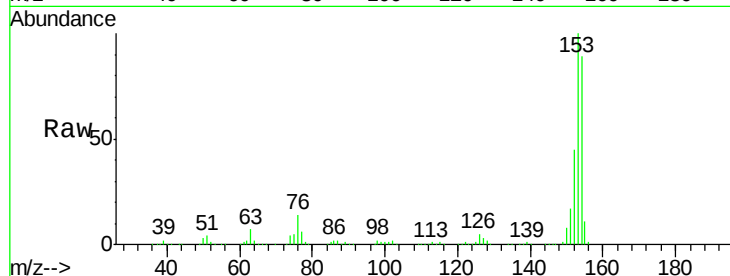
ClientSampleId :

PB87944BS

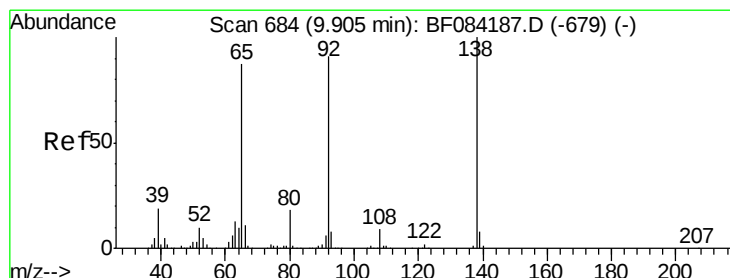
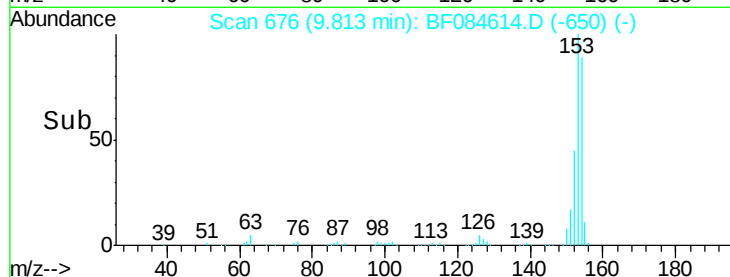
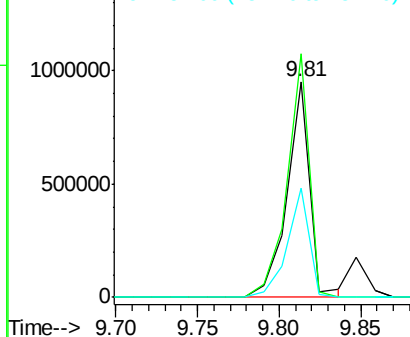
Tot Ion:	154	Resp:	920161
Ion Ratio	Lower	Upper	
154	100		
153	112.7	91.5	137.3
152	50.8	43.0	64.6

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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: 12.46 ng

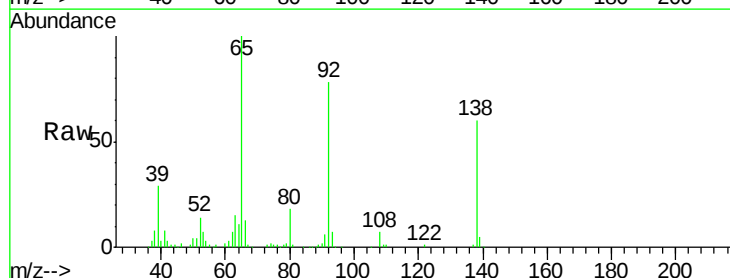
RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

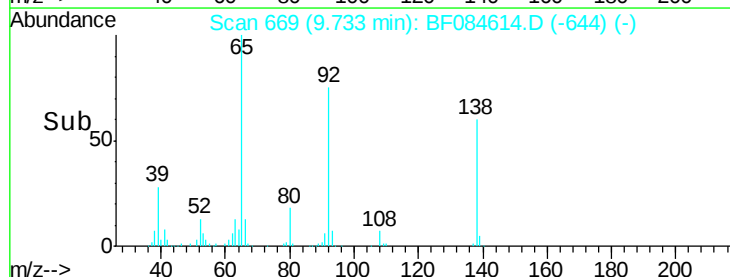
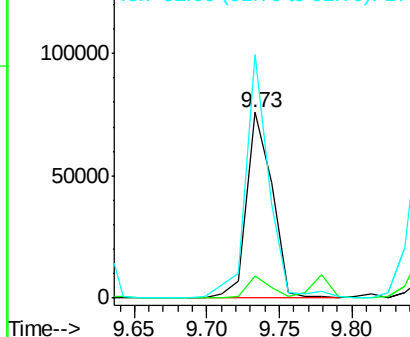
Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	138	Resp:	92868
Ion Ratio	Lower	Upper	
138	100		
108	12.0	10.5	15.7
92	130.9	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





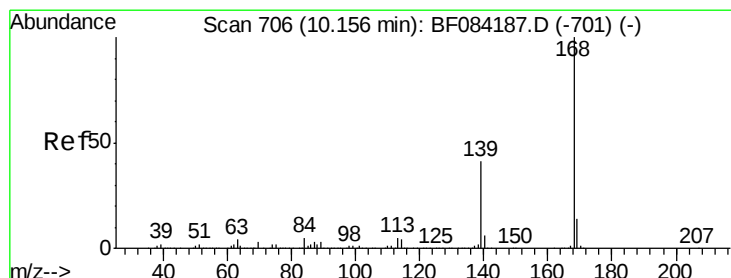
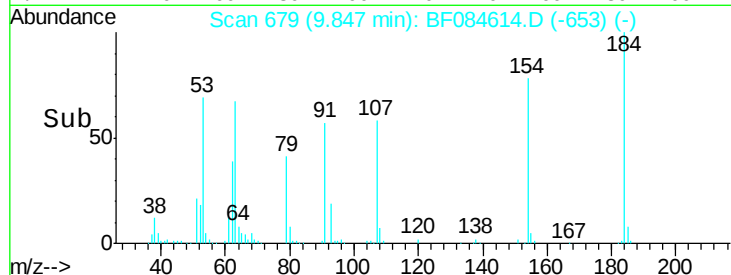
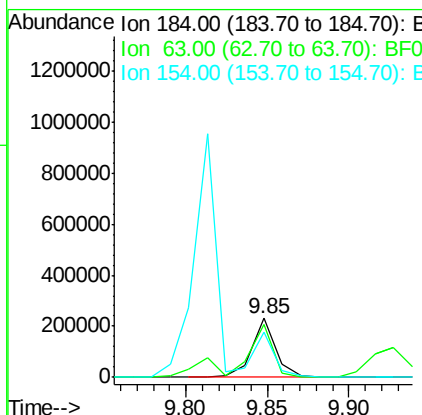
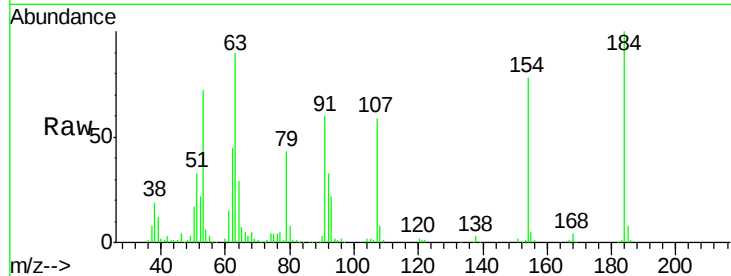
#53
2,4-Dinitrophenol
Concen: 91.14 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	234888		
63	89.7	43.1	64.7	#
154	77.6	60.5	90.7	

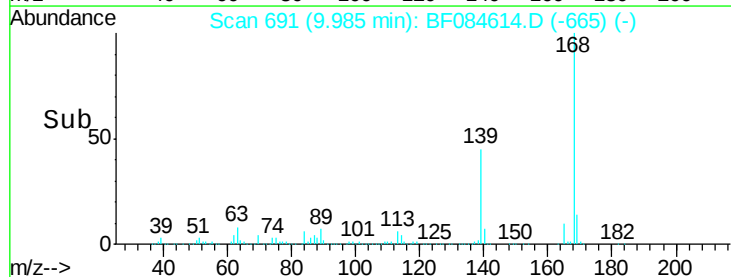
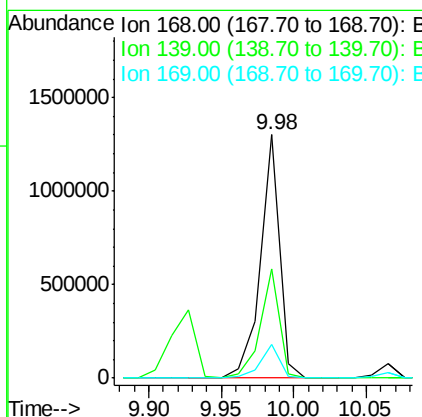
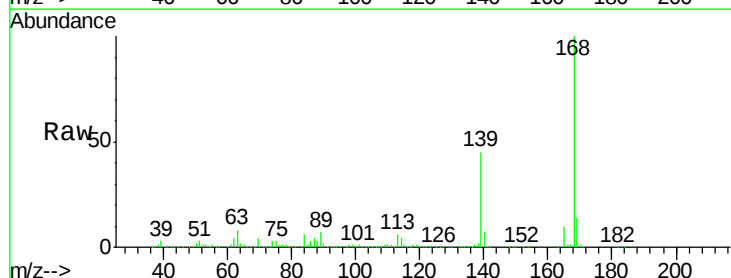
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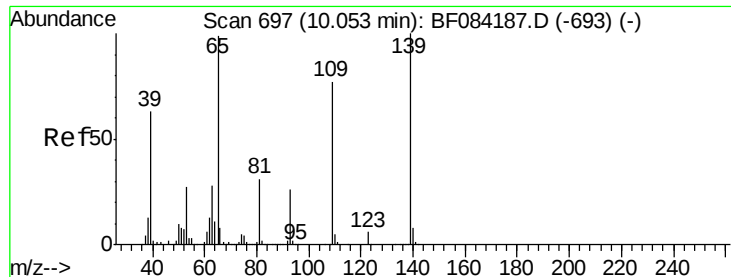
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#54
Dibenzofuran
Concen: 38.24 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1189218		
139	45.1	30.5	45.7	
169	13.8	10.4	15.6	





#55

4-Nitrophenol

Concen: 81.47 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

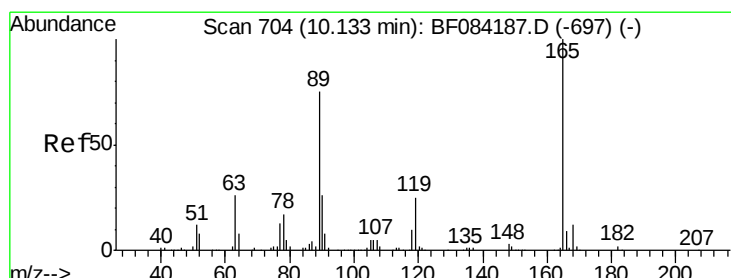
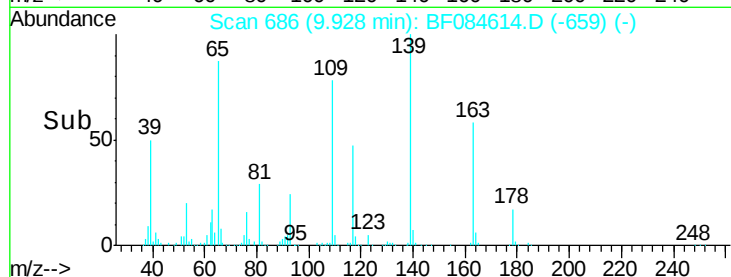
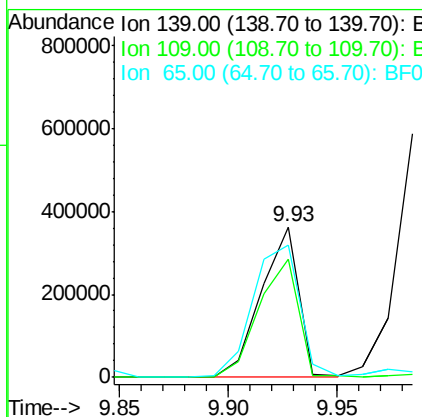
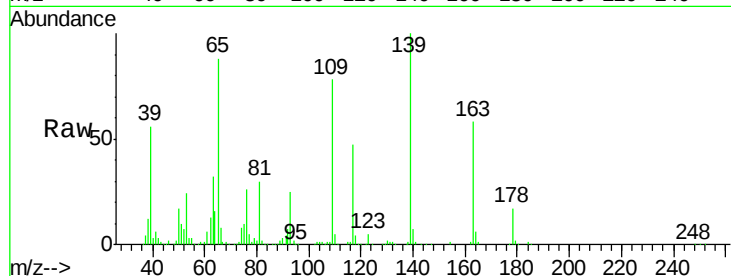
ClientSampleId :

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Tot Ion:	139	Resp:	440827
Ion Ratio	Lower	Upper	
139	100		
109	78.4	58.5	98.5
65	87.8	57.6	97.6

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#56

2,4-Dinitrotoluene

Concen: 37.81 ng

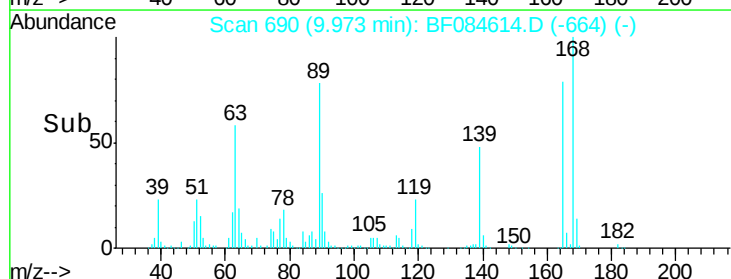
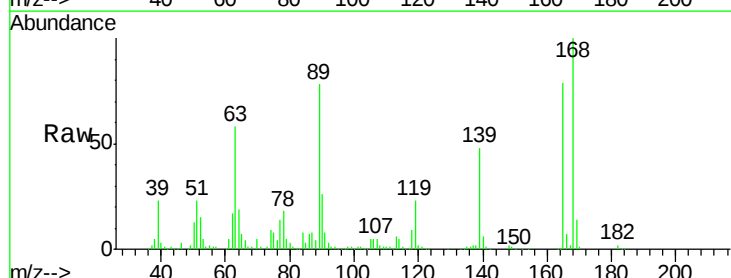
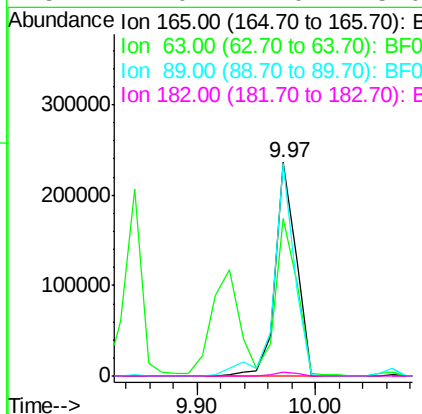
RT: 9.97 min Scan# 690

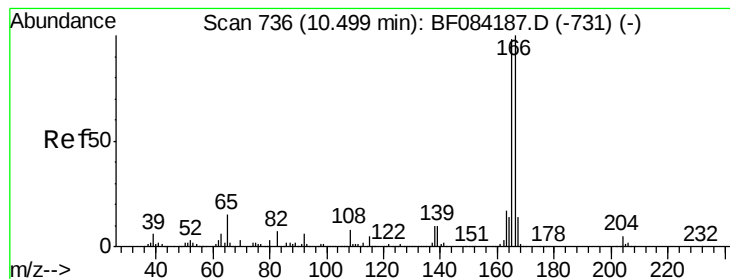
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	165	Resp:	287904
Ion Ratio	Lower	Upper	
165	100		
63	73.9	36.7	55.1#
89	99.5	61.9	92.9#
182	2.0	2.0	3.0





#57

Fluorene

Concen: 43.01 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

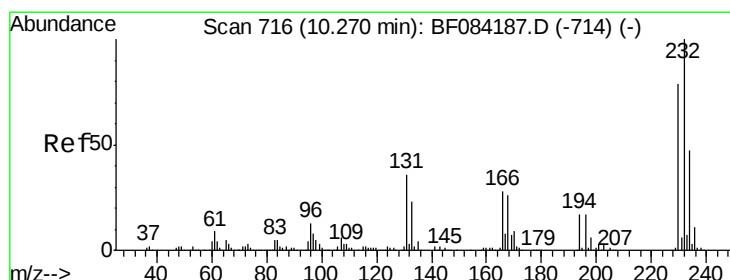
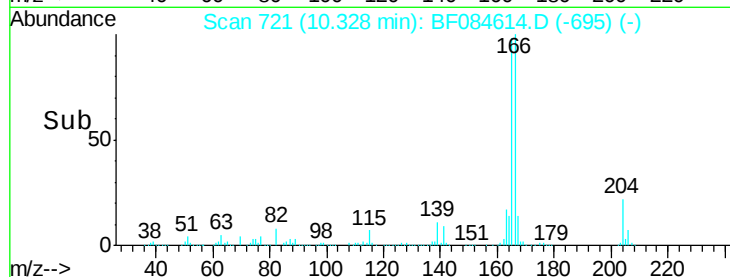
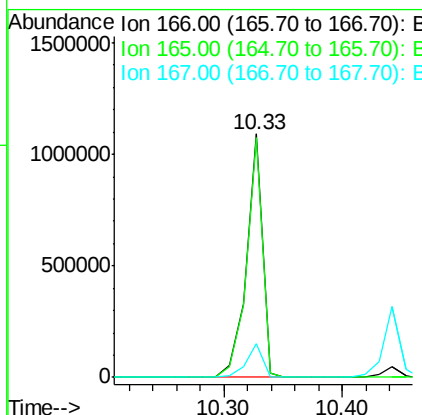
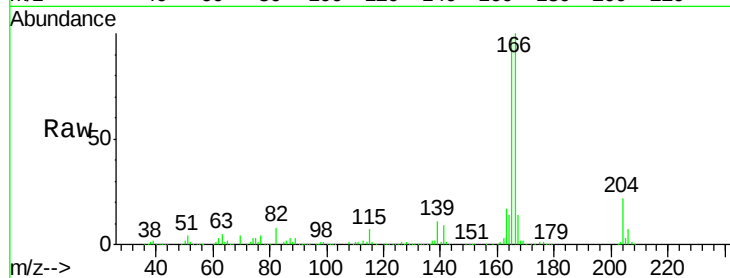
ClientSampleID :

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Tot Ion:	166	Resp:	1024840
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.1	118.7
167	13.8	10.4	15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.34 ng

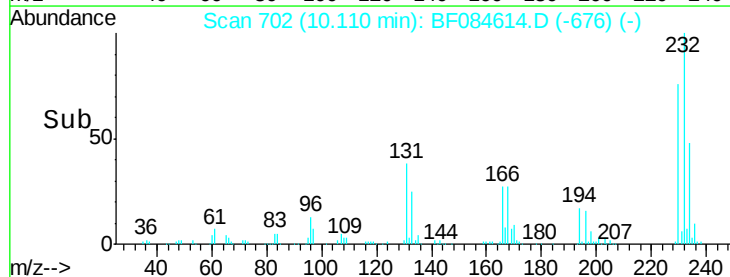
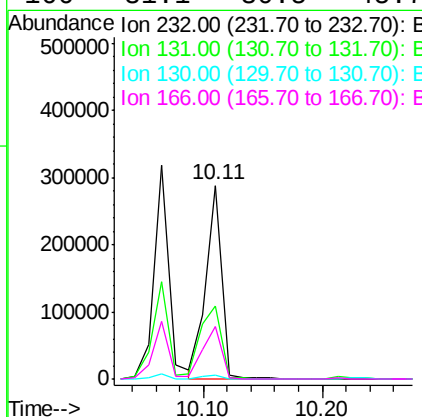
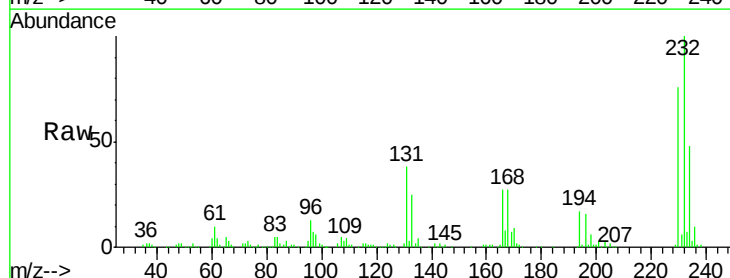
RT: 10.11 min Scan# 702

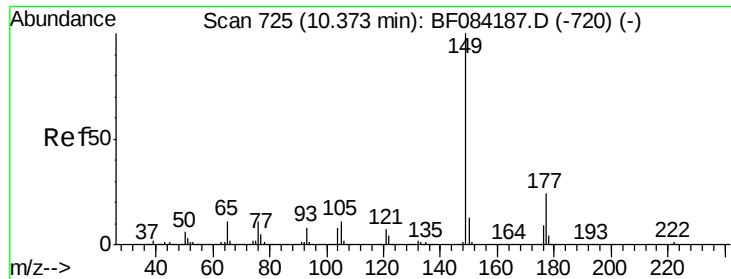
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	232	Resp:	272486
Ion Ratio	Lower	Upper	
232	100		
131	49.5	47.0	70.6
130	2.4	2.0	3.0
166	31.1	30.5	45.7





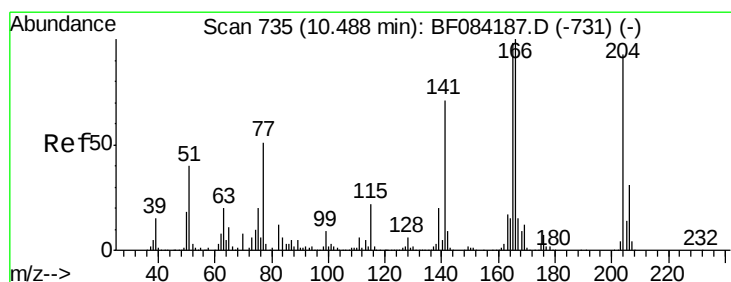
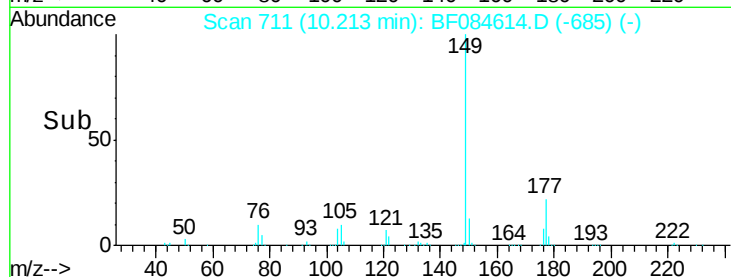
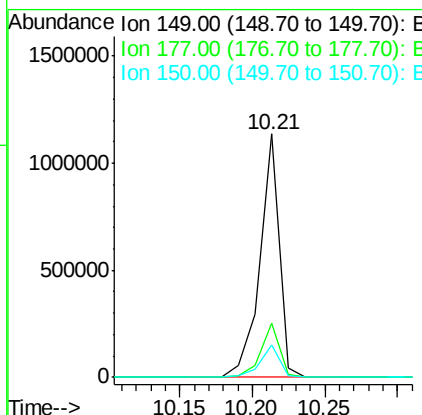
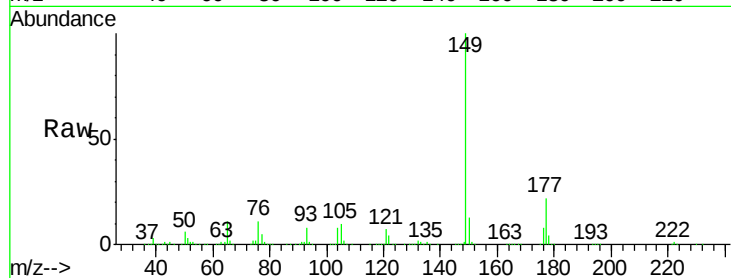
#59
Diethylphthalate
Concen: 38.88 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ion	Ratio	Lower	Upper
1051411	149	100		
	177	22.1	17.3	25.9
	150	13.1	9.8	14.8

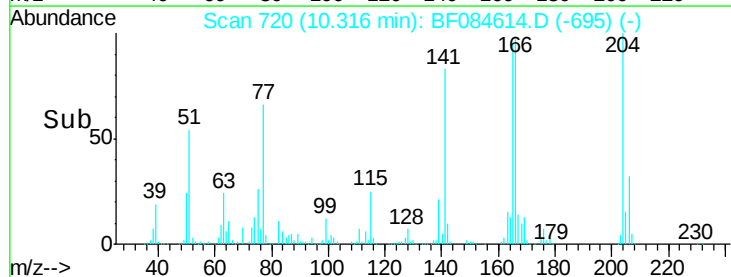
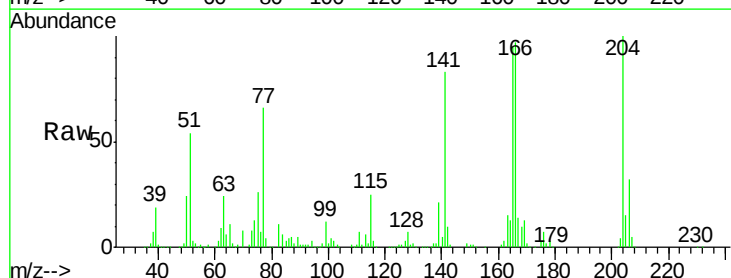
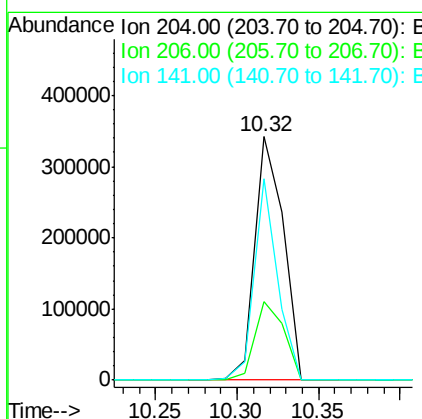
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#60
4-Chlorophenyl-phenylether
Concen: 40.93 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
417681	204	100		
	206	32.0	25.7	38.5
	141	82.6	55.1	82.7





#61

4-Nitroaniline

Concen: 39.54 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

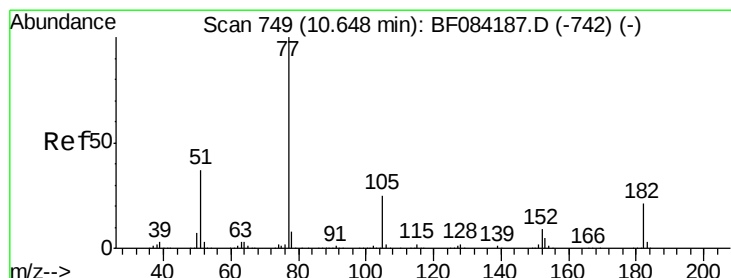
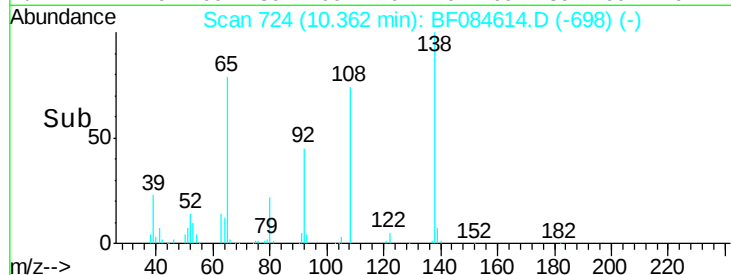
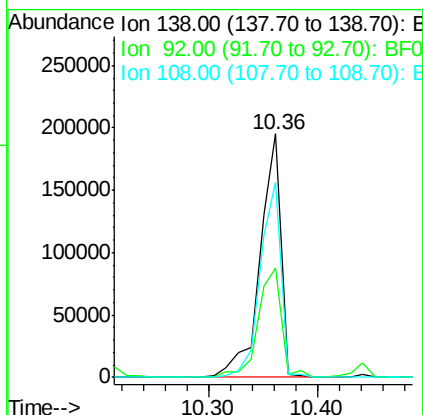
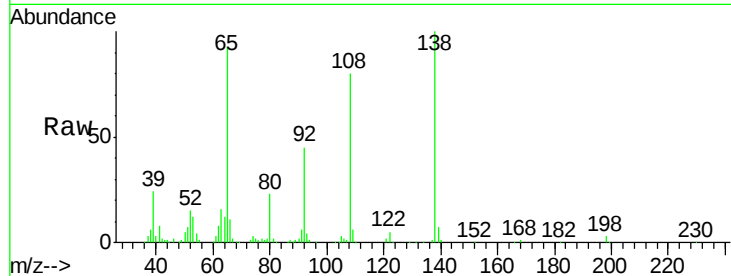
ClientSampled :

PB87944BS

Tot Ion:	138	Resp:	262768
Ion Ratio	Lower	Upper	
138	100		
92	44.8	32.6	72.6
108	80.3	68.6	108.6

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#62

Azobenzene

Concen: 35.62 ng

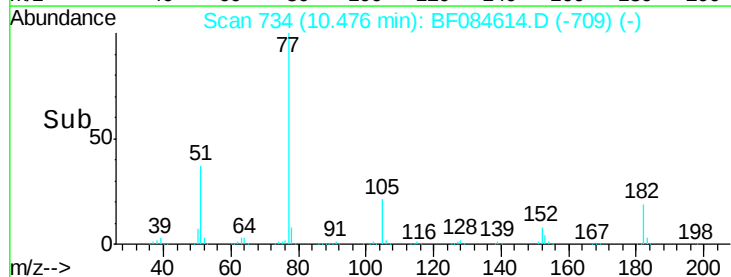
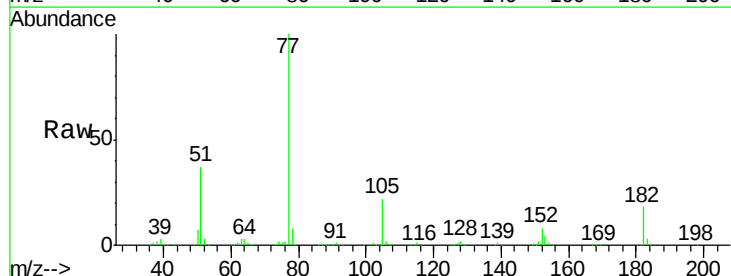
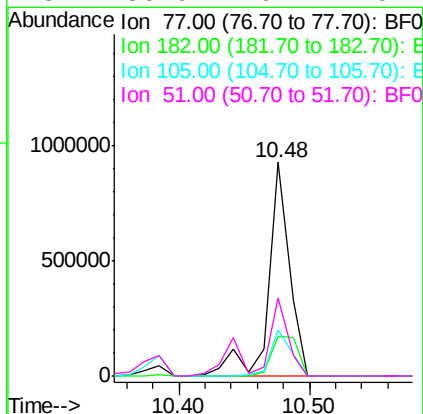
RT: 10.48 min Scan# 734

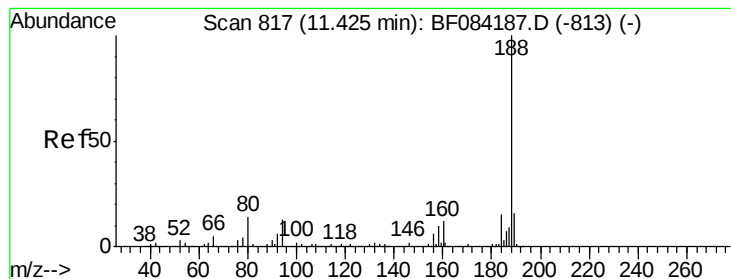
Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	77	Resp:	1056418
Ion Ratio	Lower	Upper	
77	100		
182	18.5	8.3	48.3
105	21.8	4.6	44.6
51	36.9	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

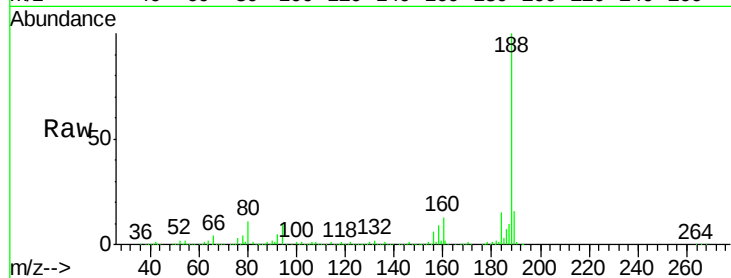
ClientSampleId :

PB87944BS

Tot Ion:	188	Resp:	717402
Ion Ratio	Lower	Upper	
188	100		
94	10.0	9.0	13.4
80	11.0	9.6	14.4

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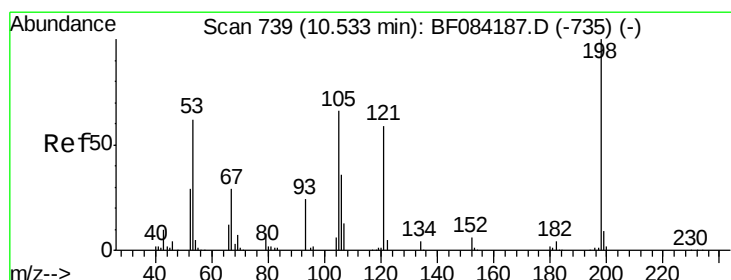
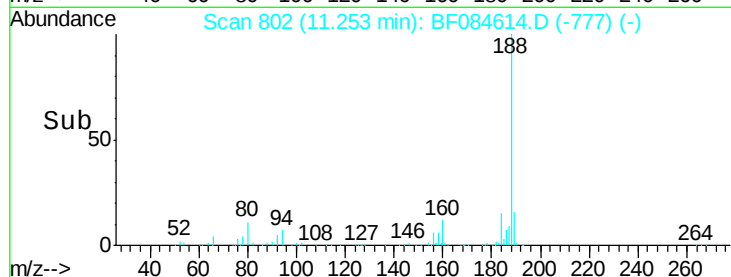
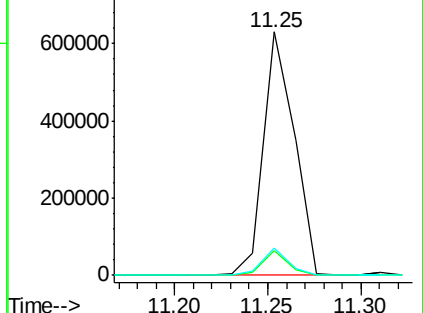
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.66 ng

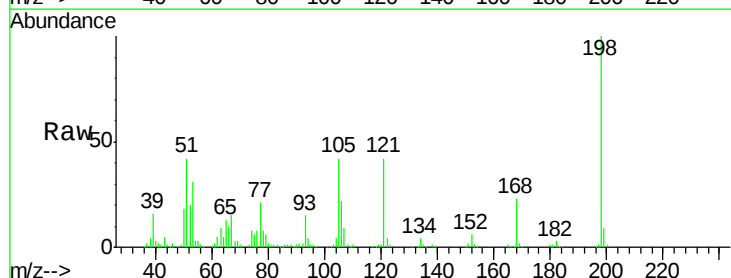
RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

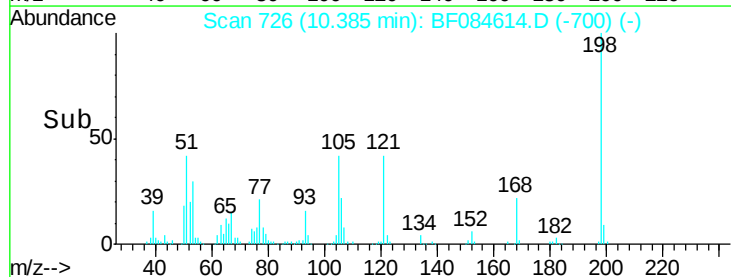
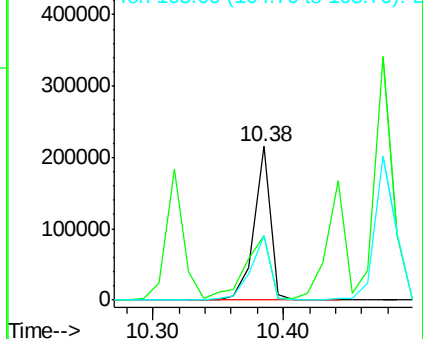
Tgt Ion:	198	Resp:	190941
Ion Ratio	Lower	Upper	
198	100		
51	42.1	18.9	58.9
105	42.0	26.4	66.4

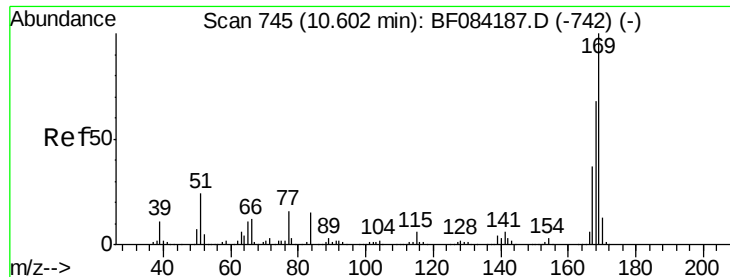


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.06 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

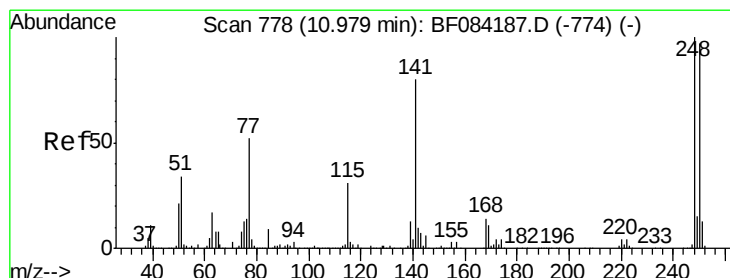
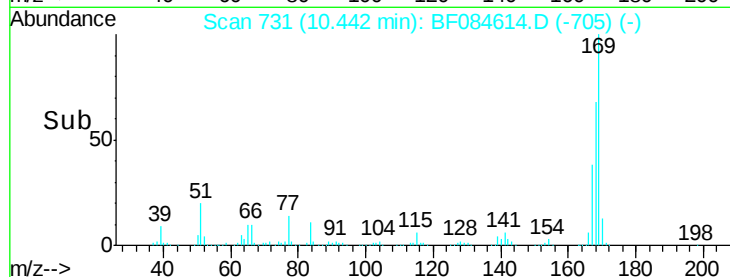
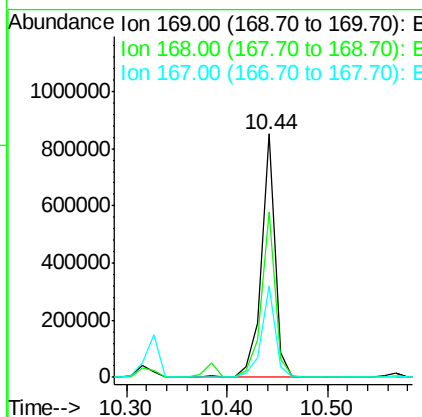
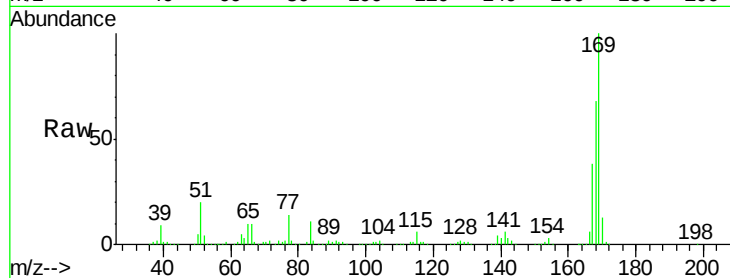
ClientSampleId :

PB87944BS

Tot Ion:	169	Resp:	804124
Ion Ratio	Lower	Upper	
169	100		
168	68.2	55.1	82.7
167	37.6	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 37.61 ng

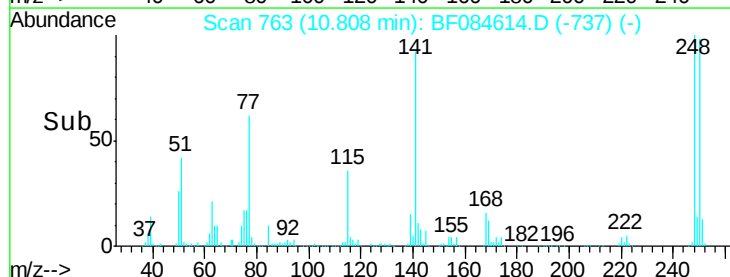
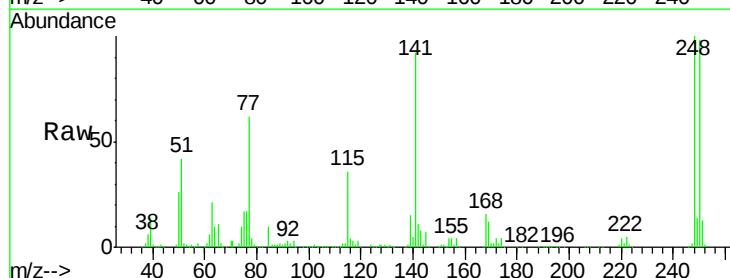
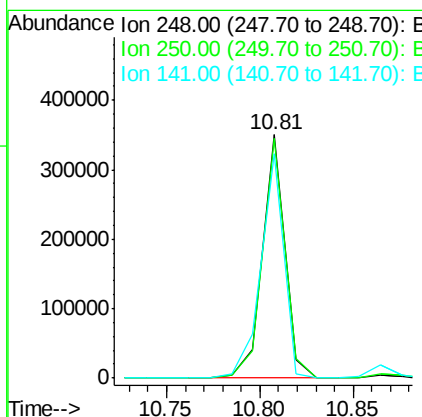
RT: 10.81 min Scan# 763

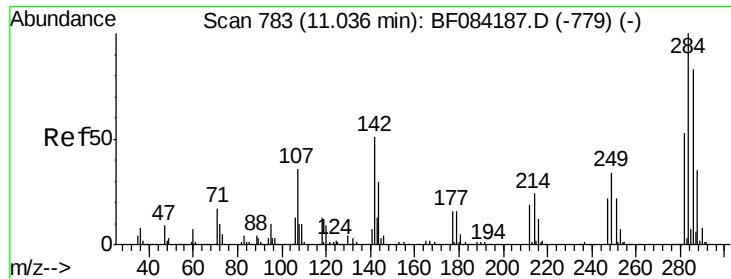
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	248	Resp:	290413
Ion Ratio	Lower	Upper	
248	100		
250	98.4	78.4	117.6
141	92.2	44.0	66.0#





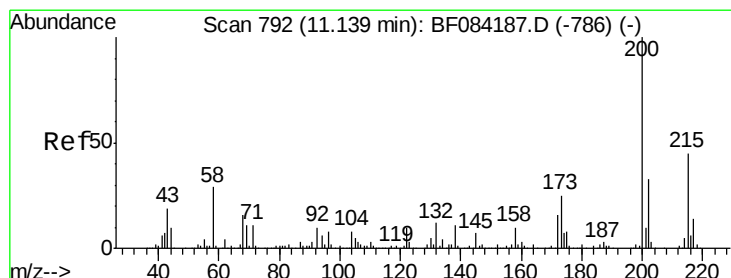
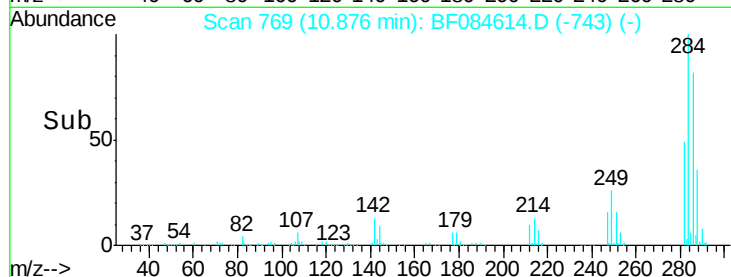
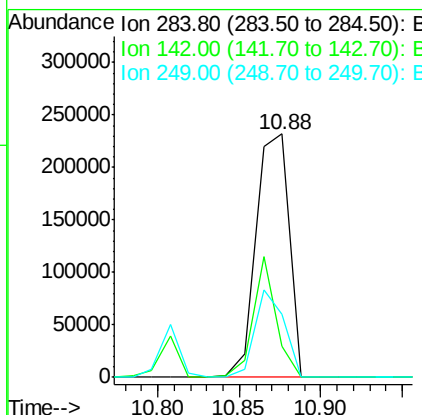
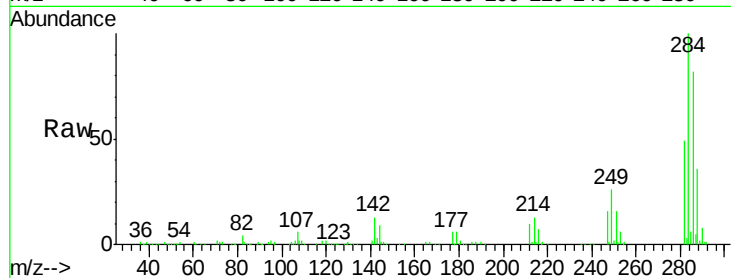
#67
Hexachlorobenzene
Concen: 37.68 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	327463		
142	12.9	22.2	33.4#	
249	26.1	24.6	37.0	

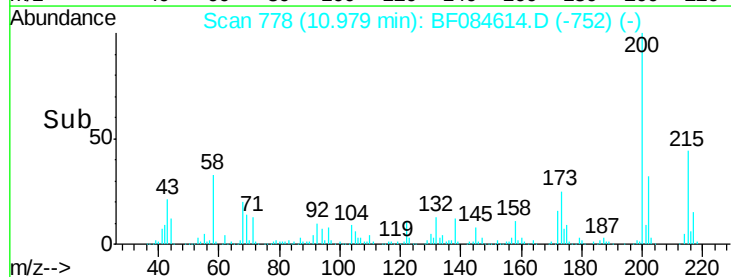
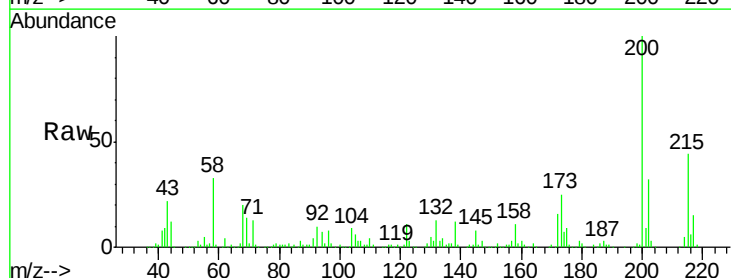
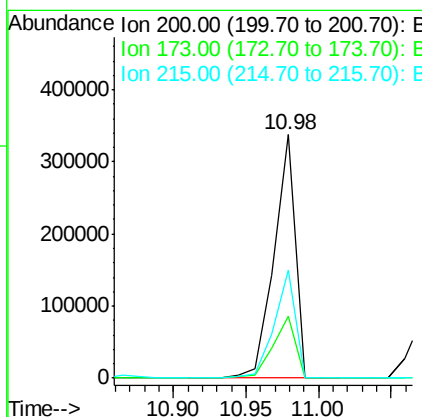
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#68
Atrazine
Concen: 45.73 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	343251		
173	25.2	9.5	49.5	
215	44.3	23.8	63.8	





#69

Pentachlorophenol

Concen: 75.64 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

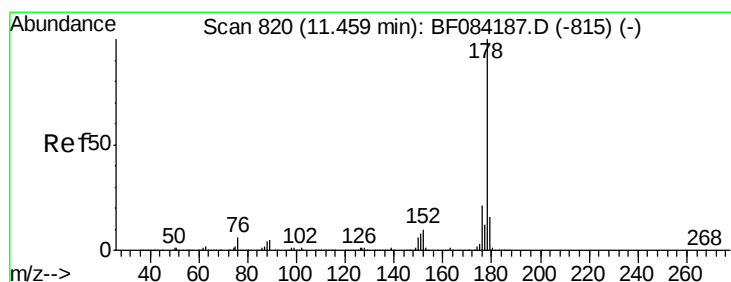
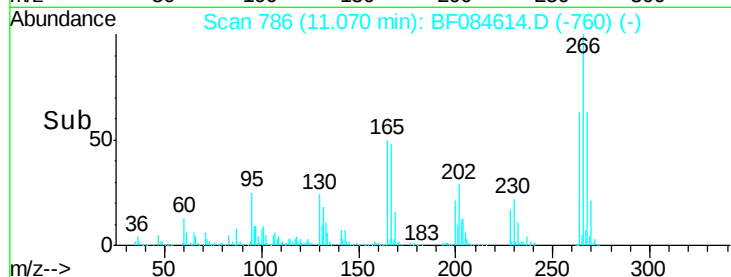
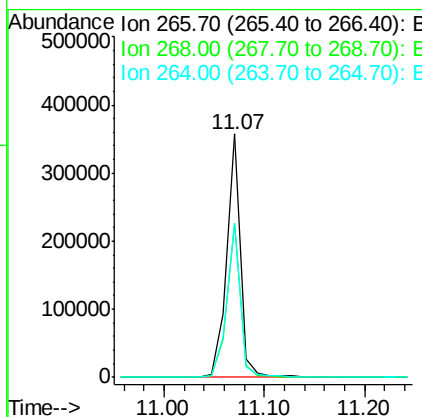
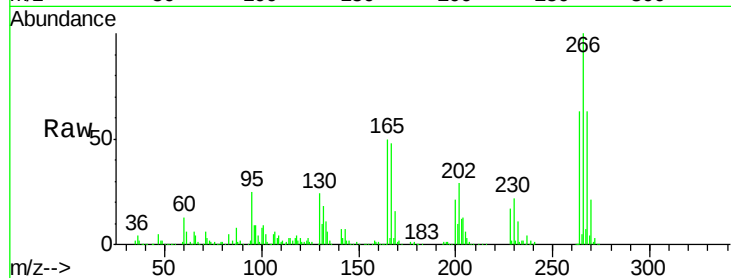
ClientSampleId :

PB87944BS

Tot Ion:	266	Resp:	340843
Ion Ratio	Lower	Upper	
266	100		
268	63.5	52.4	78.6
264	63.3	50.2	75.2

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#70

Phenanthrene

Concen: 43.20 ng

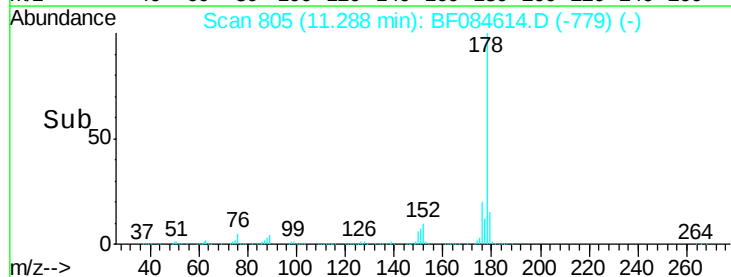
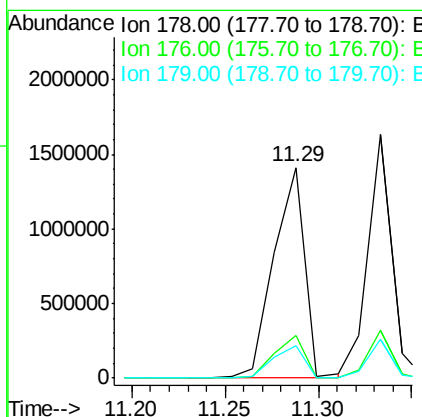
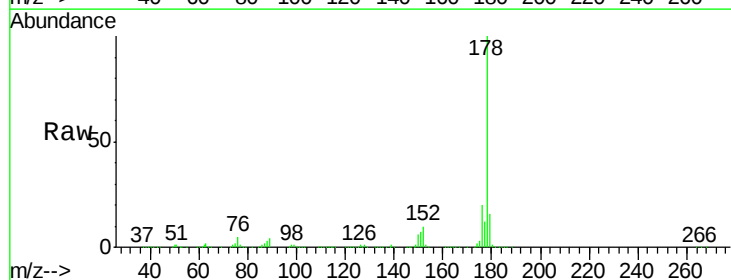
RT: 11.29 min Scan# 805

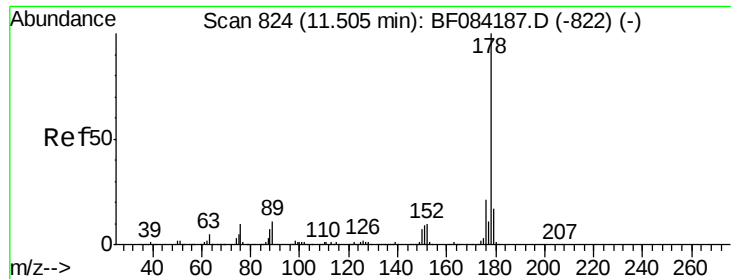
Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:	178	Resp:	1621029
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.3	22.9
179	15.6	12.0	18.0





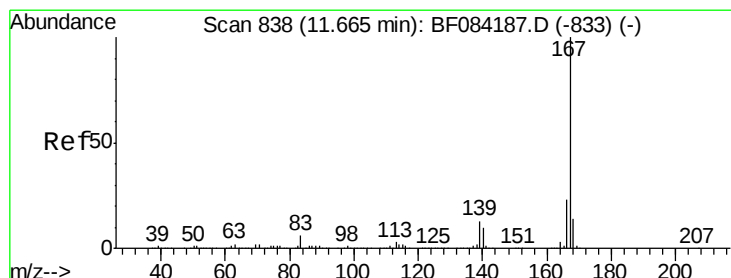
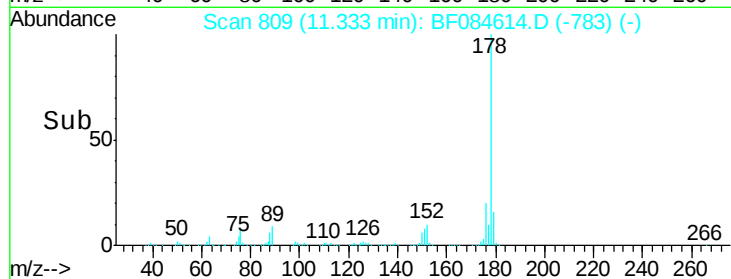
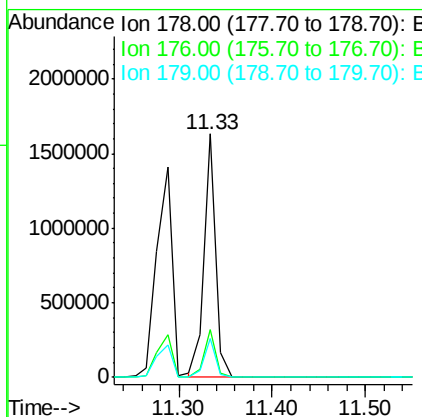
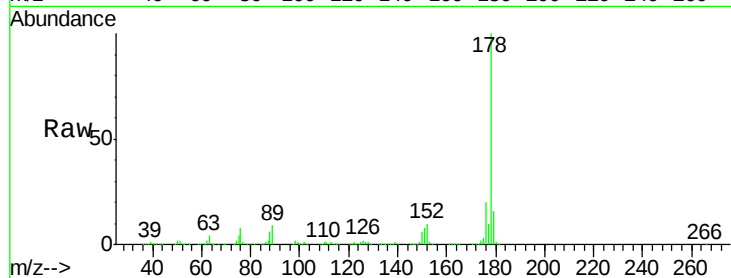
#71
 Anthracene
 Concen: 39.06 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion:178 Resp: 1437015
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.1 12.5 18.7

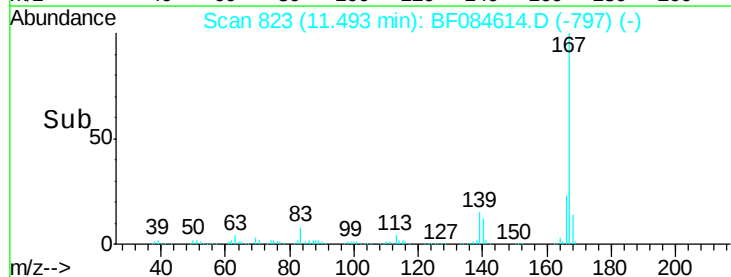
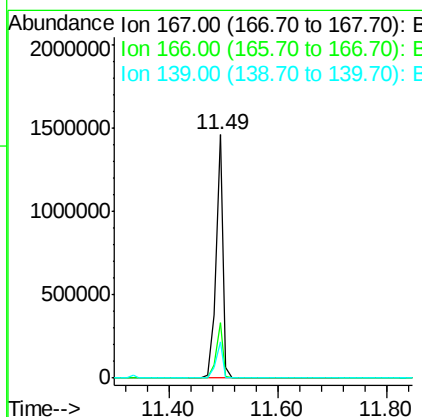
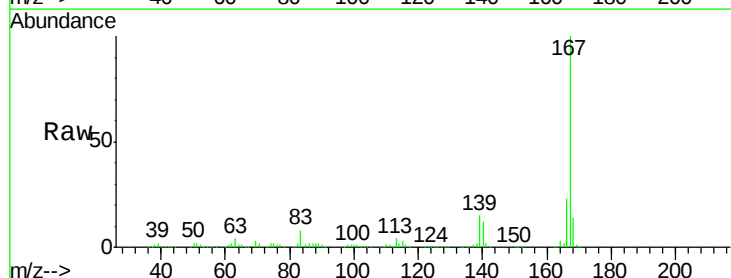
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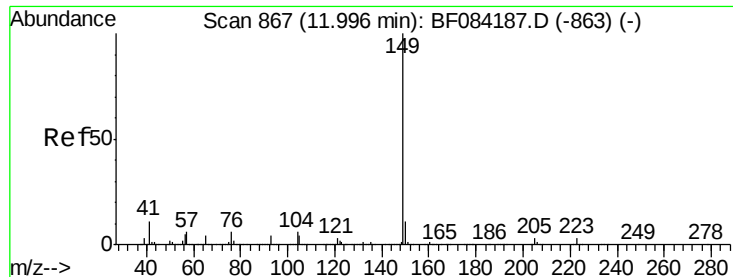
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#72
 Carbazole
 Concen: 37.09 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:167 Resp: 1333876
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 15.2 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.96 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

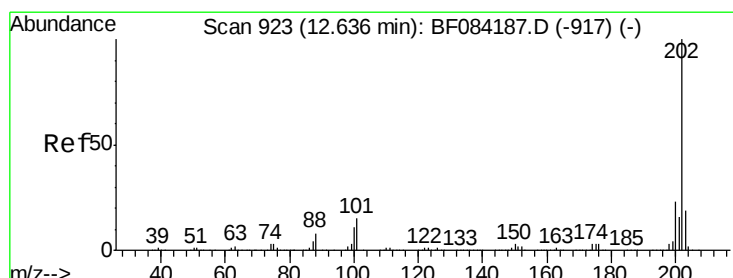
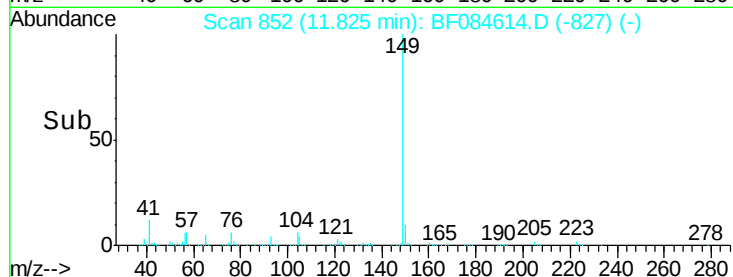
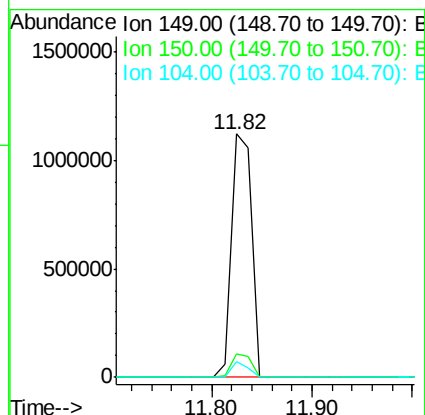
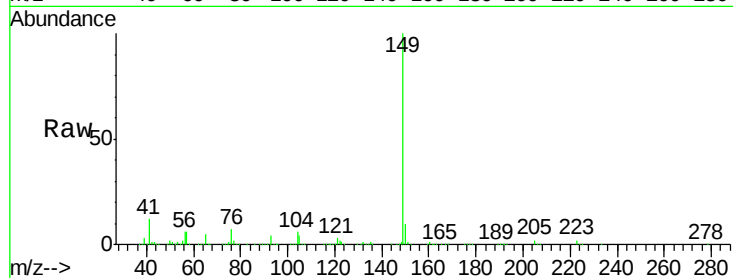
PB87944BS

Tot Ion:149 Resp: 1542821

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	6.4	3.2	4.8

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#74

Fluoranthene

Concen: 38.07 ng

RT: 12.46 min Scan# 908

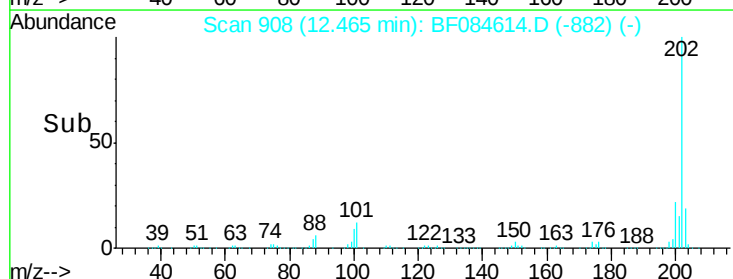
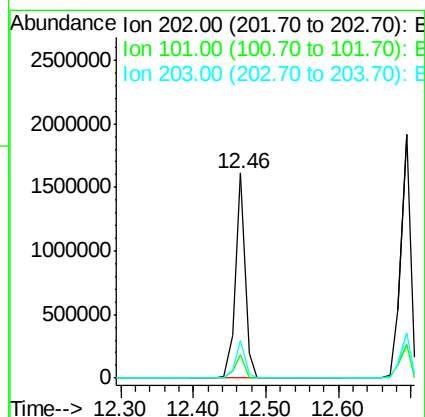
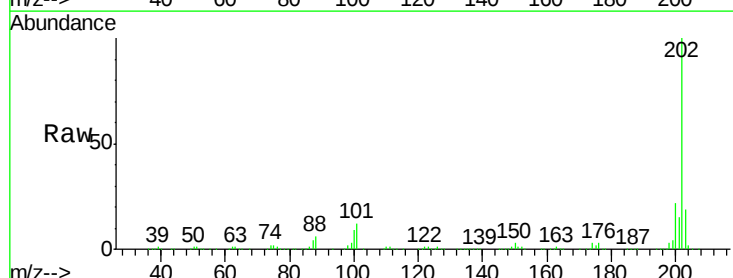
Delta R.T. -0.00 min

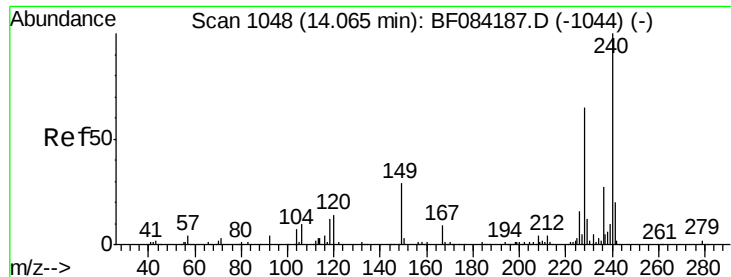
Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:202 Resp: 1492340

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.8
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

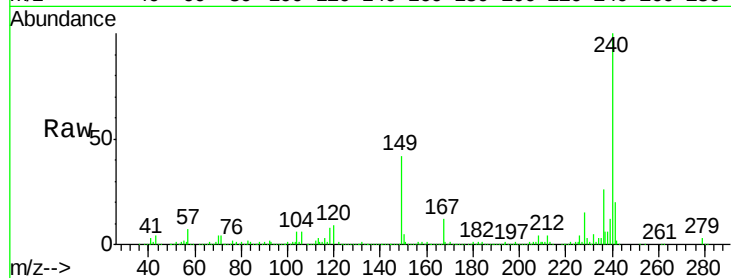
ClientSampleId :

PB87944BS

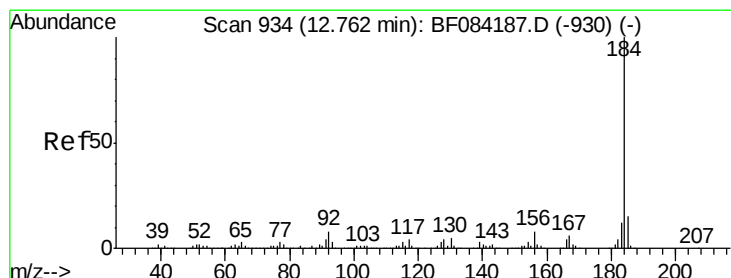
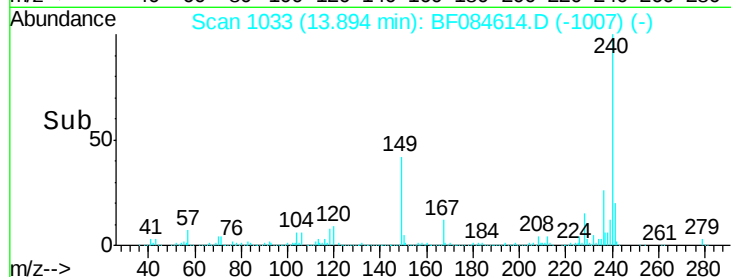
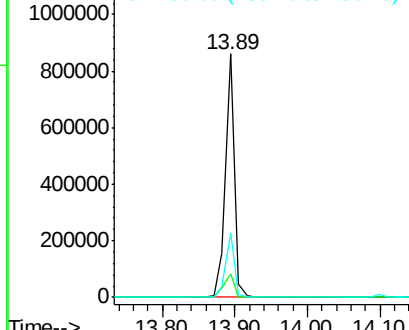
Tot Ion:	240	Resp:	746155
Ion Ratio		Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.3	20.6	31.0

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



#76

Benzidine

Concen: 23.38 ng

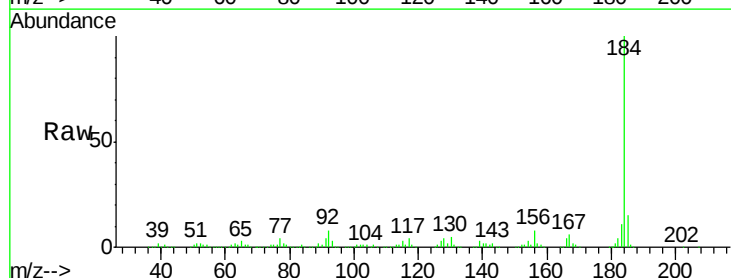
RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

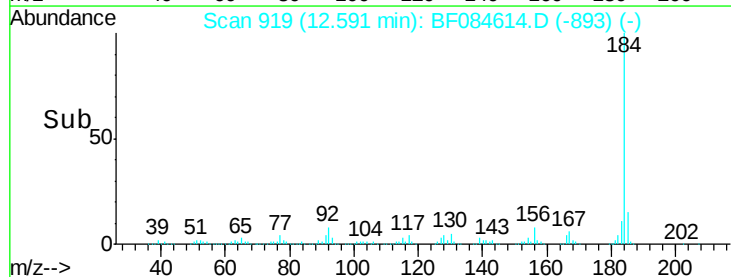
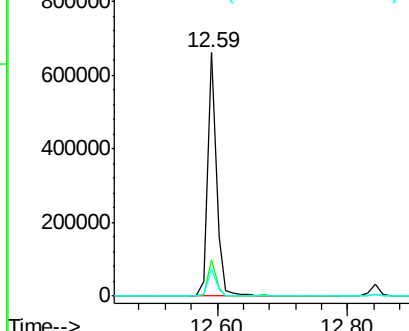
Lab File: BF084614.D

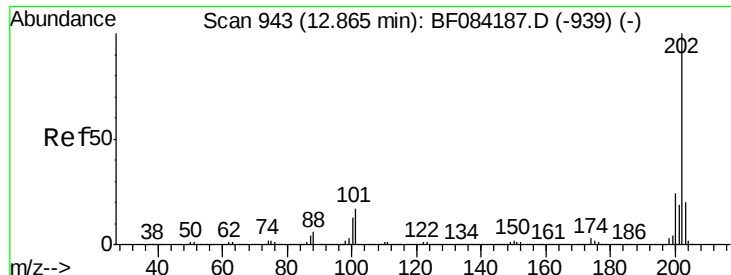
Acq: 25 Jan 2016 18:27

Tgt Ion:	184	Resp:	625528
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.2	18.2
183	11.3	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





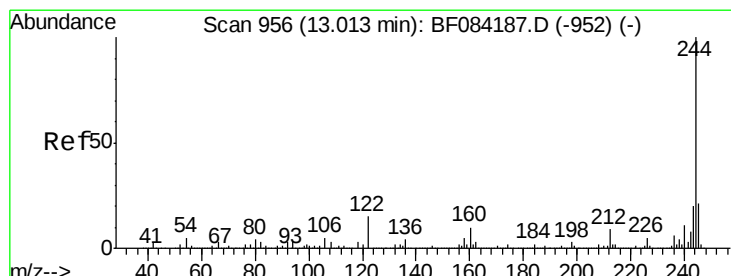
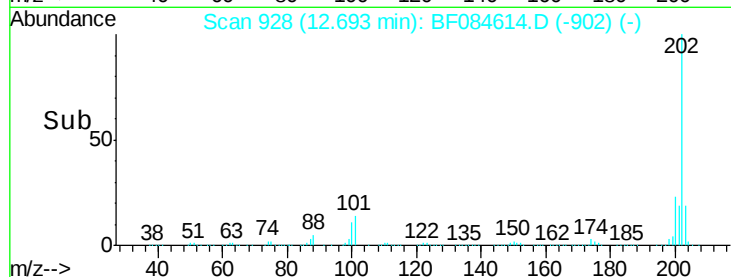
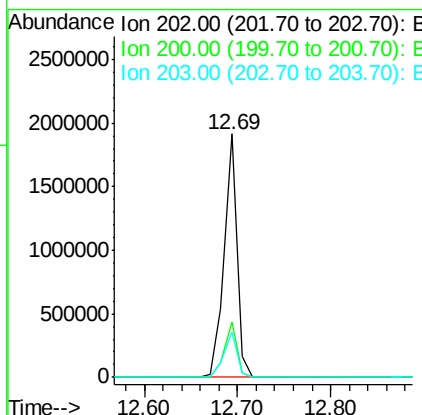
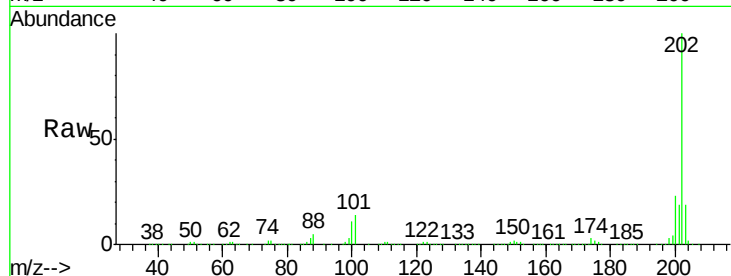
#77
Pvrene
Concen: 31.05 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.2	25.8
203	18.7	14.3	21.5

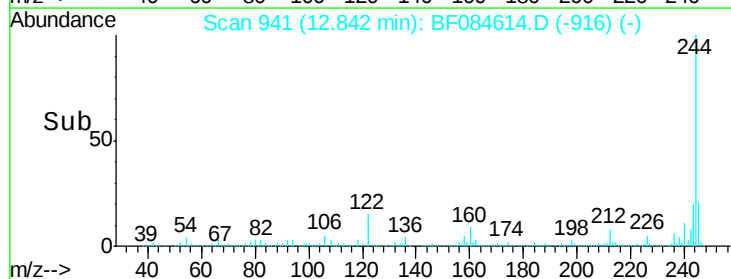
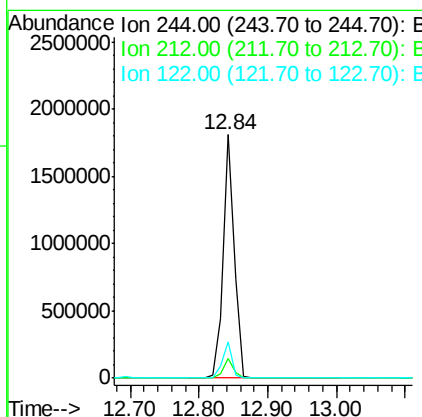
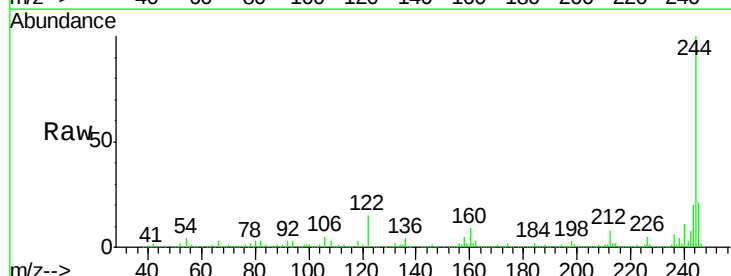
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#78
Terphenyl-d14
Concen: 62.04 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	14.7	7.4	11.0#





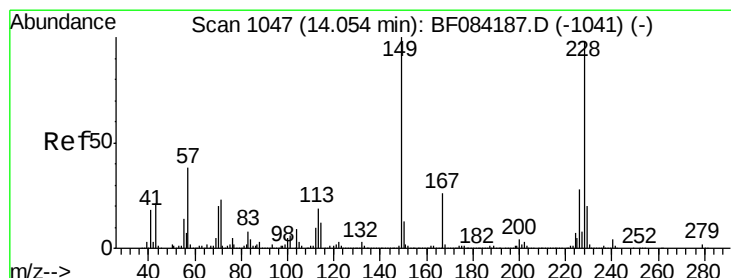
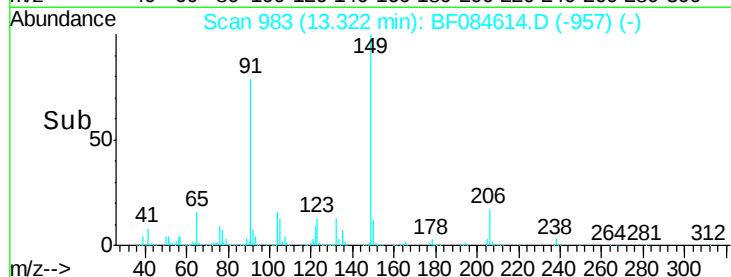
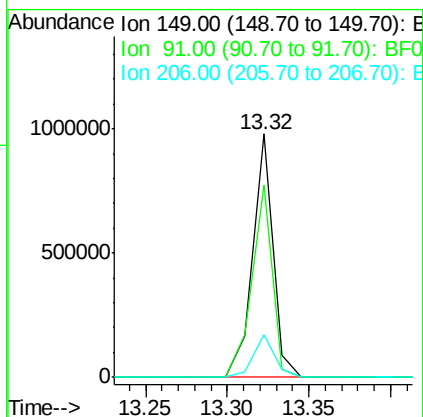
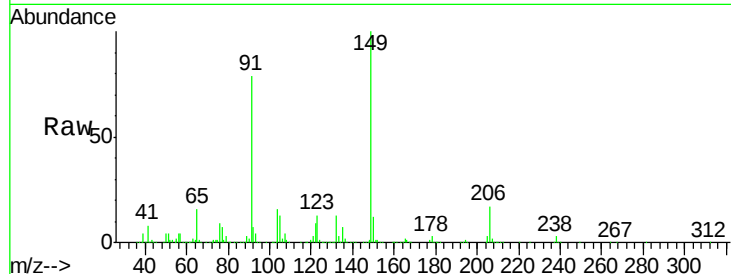
#79
Butylbenzylphthalate
Concen: 33.59 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	851131		
91	78.9	57.6	86.4	
206	17.4	13.2	19.8	

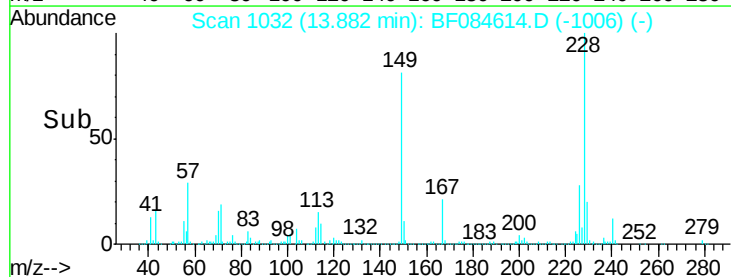
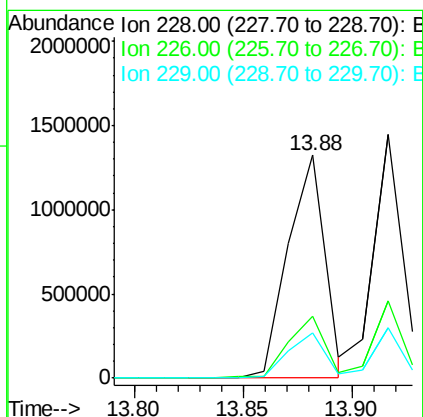
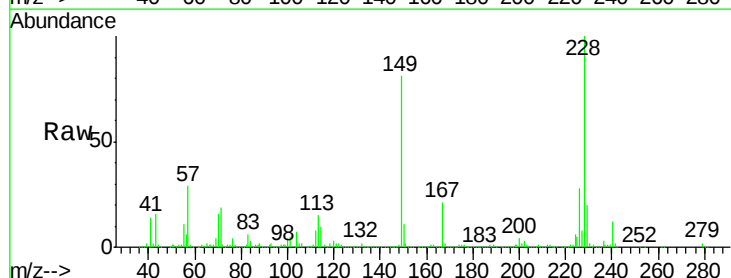
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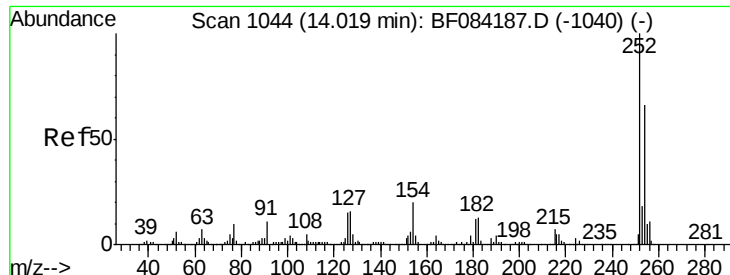
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#80
Benzo(a)anthracene
Concen: 35.91 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1573443		
226	27.8	21.8	32.6	
229	20.4	15.8	23.8	





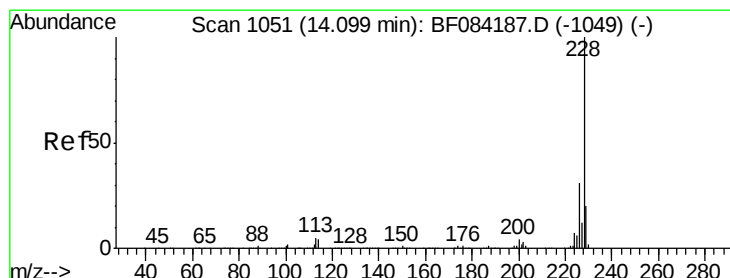
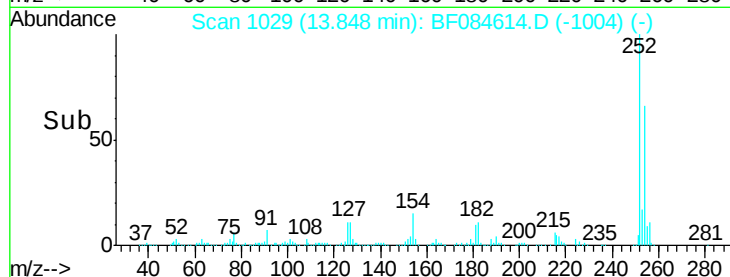
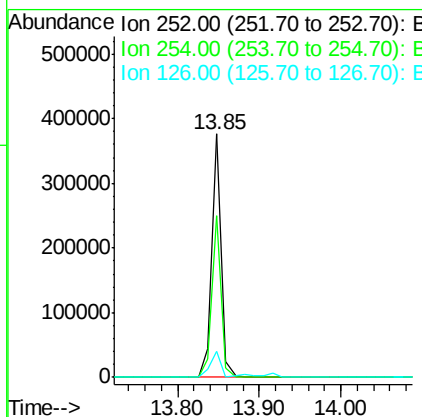
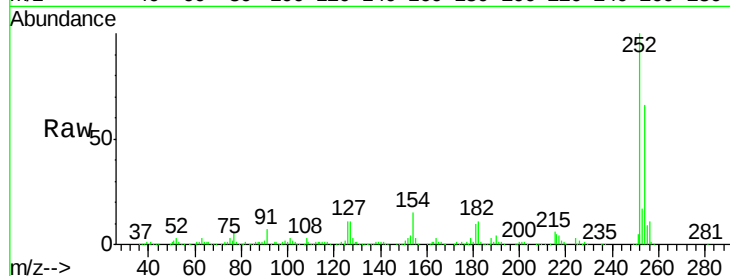
#81
 3,3'-Dichlorobenzidine
 Concen: 20.36 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.2	53.5	80.3
126	10.6	4.9	7.3

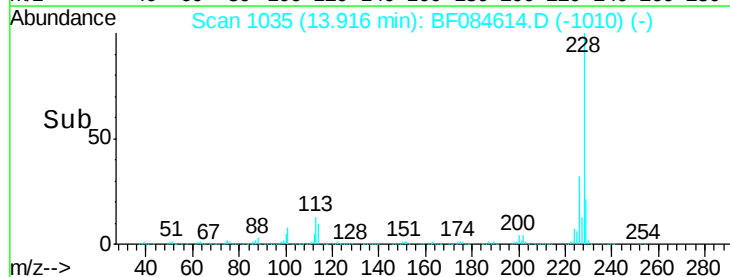
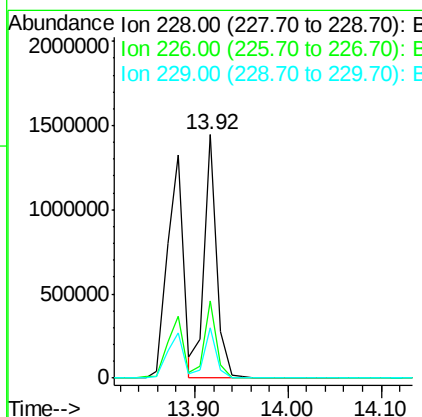
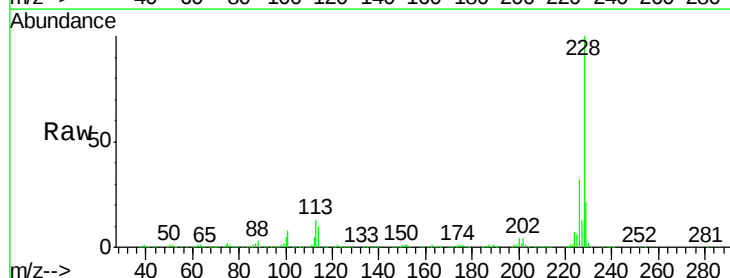
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#82
 Chrysene
 Concen: 32.46 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	24.3	36.5
229	20.9	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.86 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tot Ion:149 Resp: 1051901

Ion Ratio Lower Upper

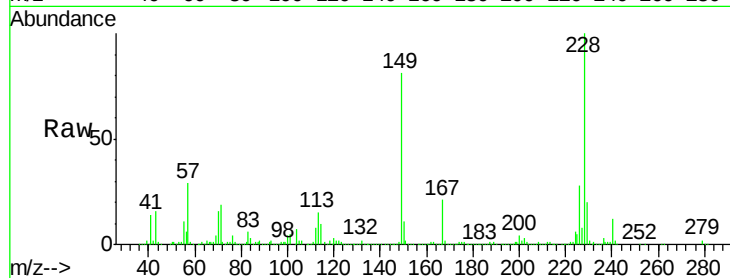
149 100

167 25.4 19.7 29.5

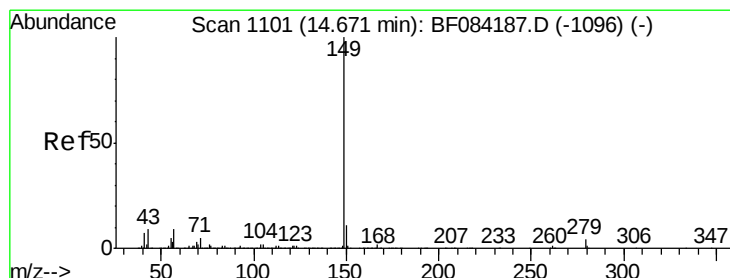
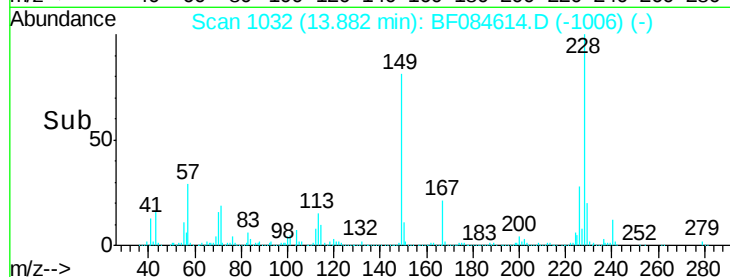
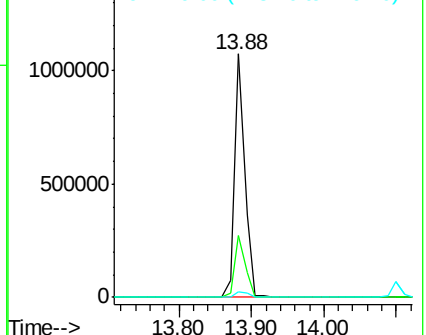
279 2.4 1.8 2.6

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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: 36.37 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:149 Resp: 1965627

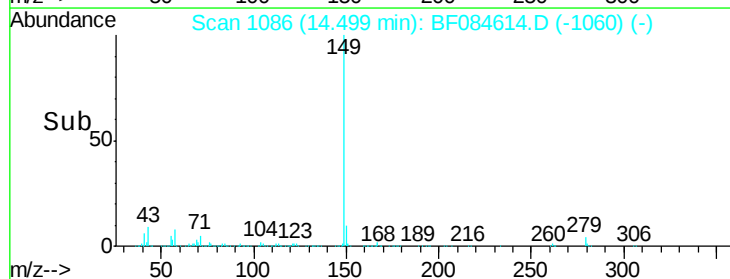
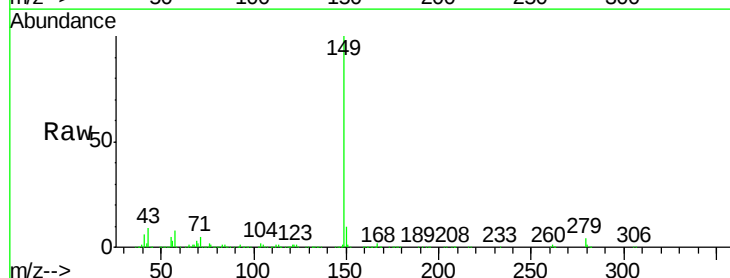
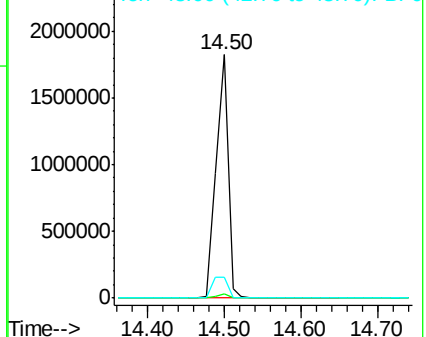
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 11.2 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: 34.41 ng

RT: 16.60 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tot Ion:276 Resp: 1148452

Ion Ratio Lower Upper

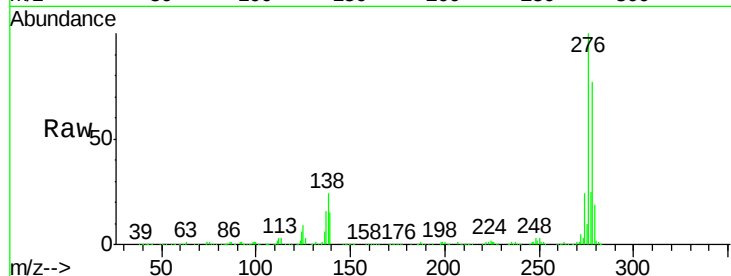
276 100

138 24.3 20.6 30.8

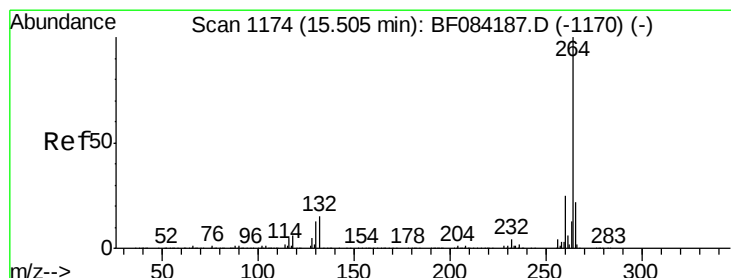
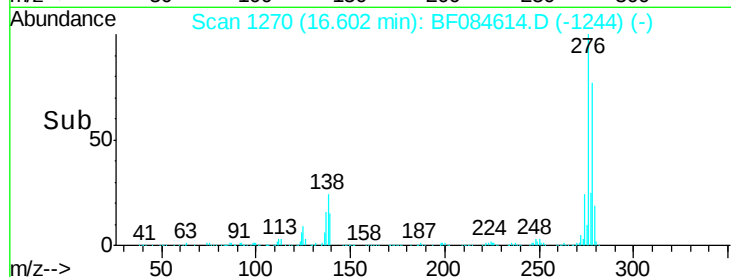
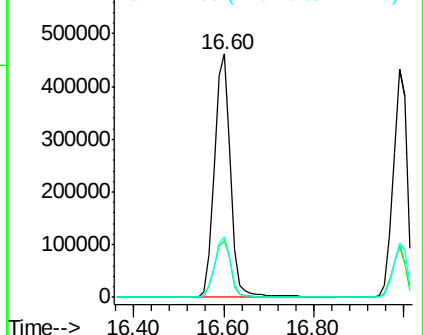
277 25.0 20.1 30.1

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

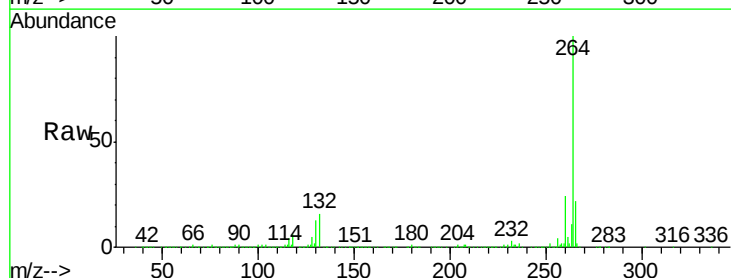
Tgt Ion:264 Resp: 586046

Ion Ratio Lower Upper

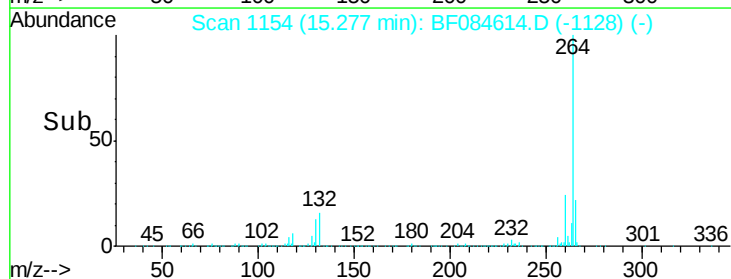
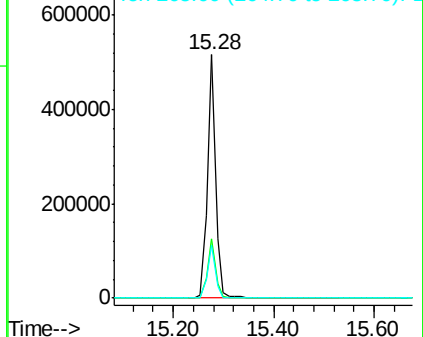
264 100

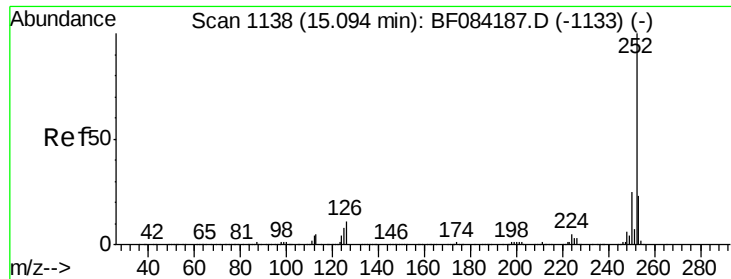
260 24.2 19.4 29.2

265 21.9 17.8 26.6



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





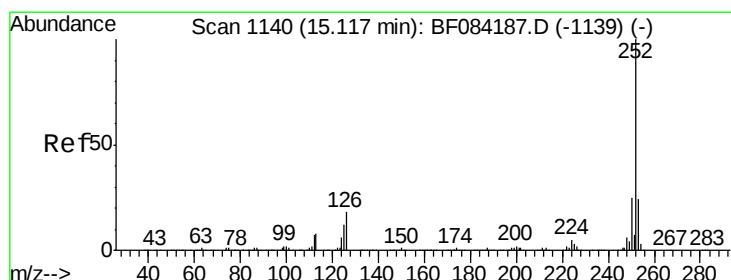
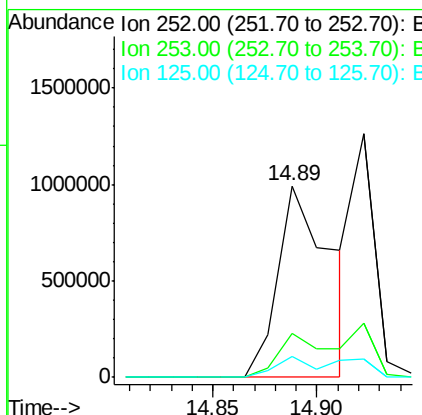
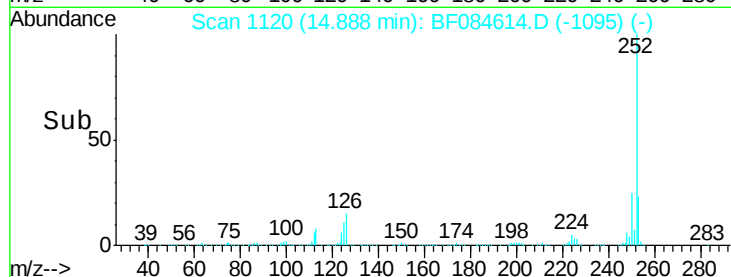
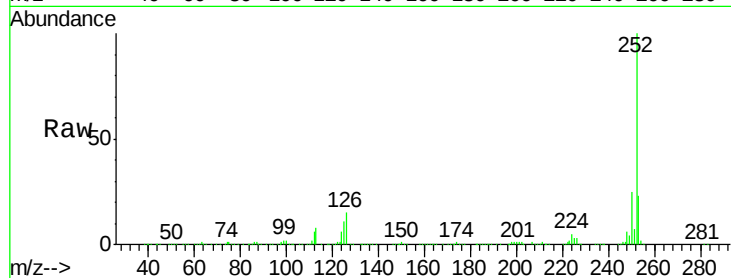
#87
Benzo(b)fluoranthene
Concen: 45.56 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	11.2	6.5	9.7

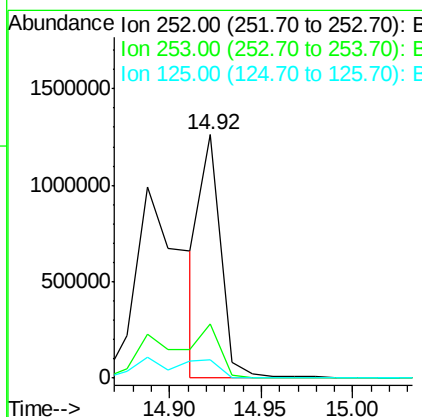
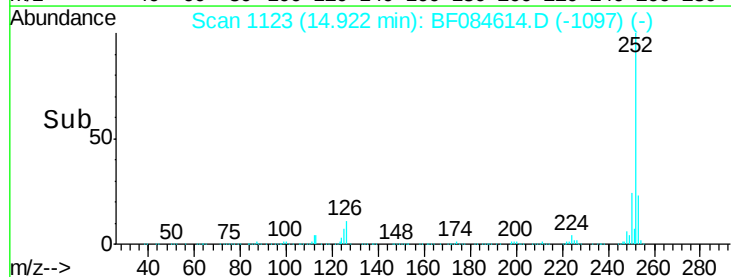
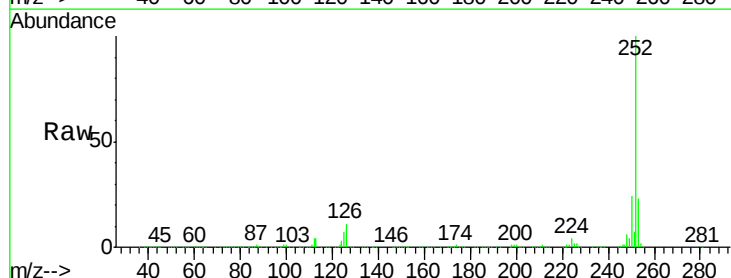
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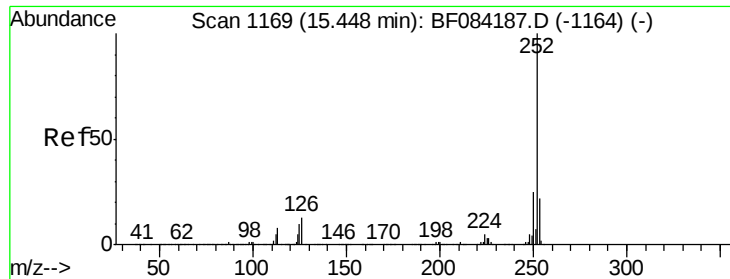
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#88
Benzo(k)fluoranthene
Concen: 30.51 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	7.4	9.0	13.6





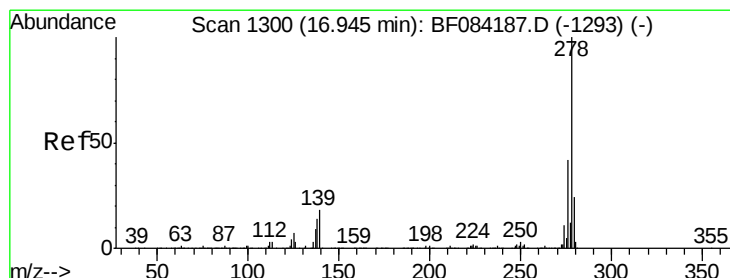
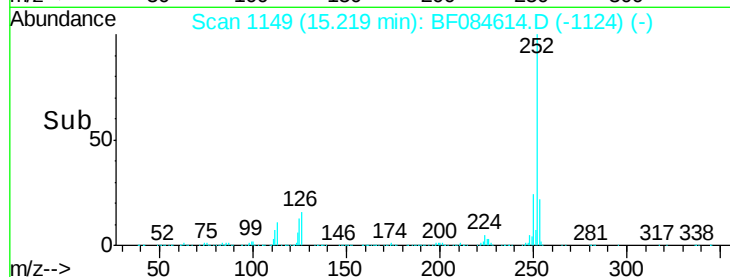
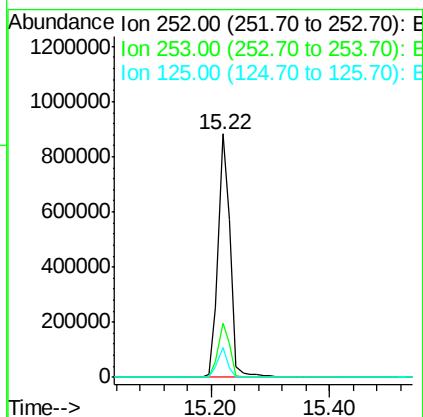
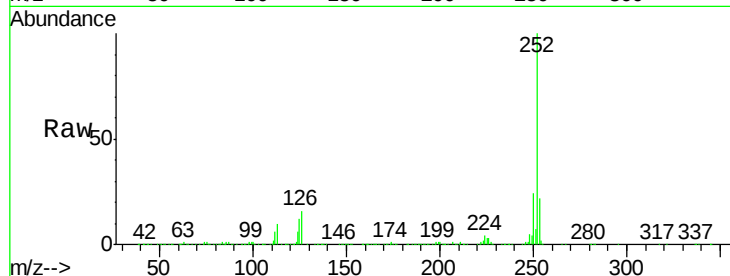
#89
Benzo(a)pyrene
Concen: 37.85 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	12.2	7.0	10.4

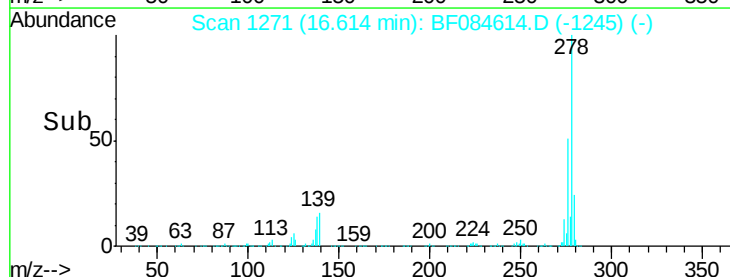
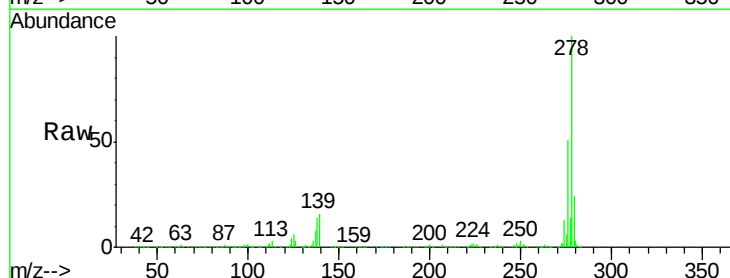
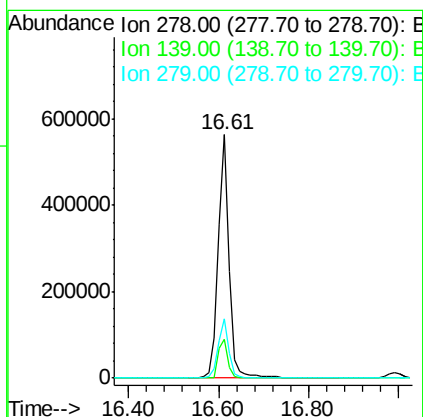
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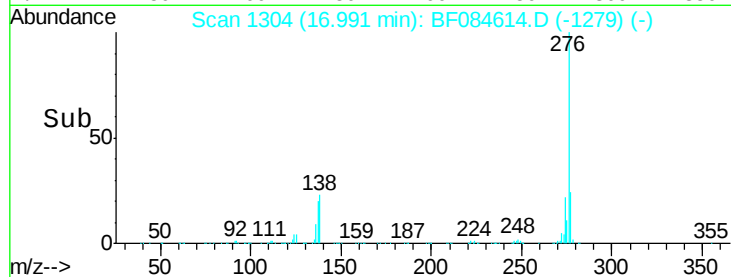
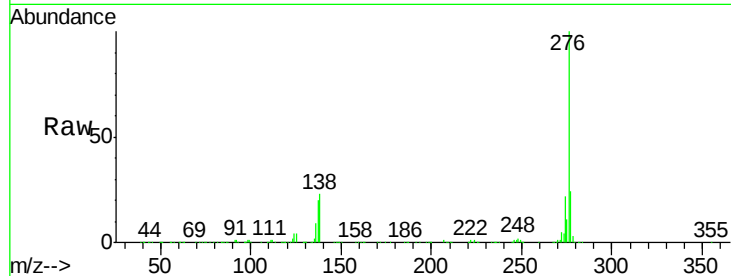
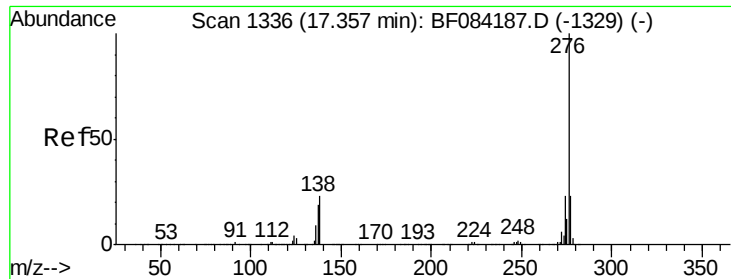
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#90
Dibenzo(a,h)anthracene
Concen: 34.12 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.0	22.4
279	24.3	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 32.85 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	951921		
277	23.6		18.8	28.2
138	22.9		17.8	26.6

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