

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
 Data File : BF084597.D
 Acq On : 22 Jan 2016 18:51
 Operator : SJ/IZ
 Sample : H1187-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Manual Integrations
 APPROVED

mohammad
 1/25/2016 2:59:15 PM

Quant Time: Jan 23 00:35:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192757	20.00	ng	-0.08
21) Naphthalene-d8	8.03	136	771705	20.00	ng	-0.09
38) Acenaphthene-d10	9.79	164	385430	20.00	ng	-0.08
63) Phenanthrene-d10	11.26	188	685459	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	477170	20.00	ng	-0.09
86) Perylene-d12	15.30	264	399211	20.00	ng	-0.11

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1319387	110.71	ng	-0.08
7) Phenol-d6	6.41	99	2009546	134.26	ng	-0.07
23) Nitrobenzene-d5	7.32	82	1302362	93.93	ng	-0.08
41) 2,4,6-Tribromophenol	10.58	330	428539	110.13	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1901097	86.91	ng	-0.08
78) Terphenyl-d14	12.85	244	1722914	80.60	ng	-0.09

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	211545	37.47	ng	# 77
3) Pyridine	3.01	79	509935	32.40	ng	# 76
4) n-Nitrosodimethylamine	2.97	42	326378	40.40	ng	# 81
6) Aniline	6.41	93	395852	18.08	ng	# 24
8) 2-Chlorophenol	6.53	128	585486	43.30	ng	# 88
9) Benzaldehyde	6.29	77	53681	5.51	ng	# 91
10) Phenol	6.42	94	770948	45.30	ng	# 92
11) bis(2-Chloroethyl)ether	6.49	93	560775	42.54	ng	# 82
12) 1,3-Dichlorobenzene	6.68	146	573618m	41.13	ng	# 97
13) 1,4-Dichlorobenzene	6.76	146	593896	42.46	ng	# 96
14) 1,2-Dichlorobenzene	6.92	146	590338	44.07	ng	# 91
15) Benzyl Alcohol	6.90	79	498810	39.62	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.04	45	914144	38.08	ng	# 92
17) 2-Methylphenol	7.02	107	500446	44.16	ng	# 84
18) Hexachloroethane	7.26	117	238537	42.65	ng	# 76
19) n-Nitroso-di-n-propylamine	7.17	70	423359	41.79	ng	# 78
20) 3+4-Methylphenols	7.17	107	593232	44.54	ng	# 98
22) Acetophenone	7.16	105	834167	44.95	ng	# 95
24) Nitrobenzene	7.33	77	581413	41.34	ng	# 98
25) Isophorone	7.57	82	1178793	44.45	ng	# 87
26) 2-Nitrophenol	7.65	139	339314	53.01	ng	# 95
27) 2,4-Dimethylphenol	7.70	122	486720	37.57	ng	# 99
28) bis(2-Chloroethoxy)methane	7.79	93	699537	43.19	ng	# 92
29) 2,4-Dichlorophenol	7.90	162	518992	48.09	ng	# 97
30) 1,2,4-Trichlorobenzene	7.97	180	506499	45.46	ng	# 99
31) Naphthalene	8.05	128	1581799	45.18	ng	# 90
32) Benzoic acid	7.79	122	62609	12.78	ng	# 94
33) 4-Chloroaniline	8.11	127	276392	17.22	ng	# 100
34) Hexachlorobutadiene	8.18	225	303463	47.38	ng	# 96
35) Caprolactam	8.49	113	164061m	45.10	ng	# 98
36) 4-Chloro-3-methylphenol	8.61	107	607796	50.28	ng	# 99
37) 2-Methylnaphthalene	8.75	142	1195578	47.57	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	441151	39.81	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	470658	70.36	ng	# 97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
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 Misc :
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Manual Integrations
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Quant Time: Jan 23 00:35:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	357184	43.09	nq	94
43) 2,4,5-Trichlorophenol	9.08	196	376293m	47.35	nq	
45) 1,1'-Biphenyl	9.22	154	1394082	45.51	nq	96
46) 2-Chloronaphthalene	9.24	162	1052315	43.73	nq	# 87
47) 2-Nitroaniline	9.33	65	345120	43.46	nq	99
48) Acenaphthylene	9.65	152	1670535	46.99	nq	97
49) Dimethylphthalate	9.53	163	1851859	67.21	nq	# 90
50) 2,6-Dinitrotoluene	9.58	165	292491	48.40	nq	# 68
51) Acenaphthene	9.82	154	1077505	45.19	nq	97
52) 3-Nitroaniline	9.74	138	194491	25.97	nq	98
53) 2,4-Dinitrophenol	9.86	184	197232	76.76	nq	91
54) Dibenzofuran	10.00	168	1416421	45.92	nq	93
55) 4-Nitrophenol	9.94	139	482361	88.74	nq	82
56) 2,4-Dinitrotoluene	9.98	165	330808	43.25	nq	# 80
57) Fluorene	10.34	166	1144814	48.10	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	307423	45.31	nq	89
59) Diethylphthalate	10.22	149	1235696	45.48	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	489384	49.33	nq	# 80
61) 4-Nitroaniline	10.36	138	286274	42.89	nq	92
62) Azobenzene	10.49	77	1228071	41.21	nq	86
64) 4,6-Dinitro-2-methylphenol	10.40	198	194872	46.84	nq	89
65) n-Nitrosodiphenylamine	10.45	169	906033	41.34	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	317215	43.00	nq	# 79
67) Hexachlorobenzene	10.89	284	385554	46.43	nq	# 89
68) Atrazine	10.99	200	365798	51.00	nq	96
69) Pentachlorophenol	11.08	266	353080	82.00	nq	99
70) Phenanthrene	11.30	178	1758119	49.03	nq	97
71) Anthracene	11.34	178	1472434	41.89	nq	98
72) Carbazole	11.50	167	1404768	40.88	nq	98
73) Di-n-butylphthalate	11.85	149	1872385	53.83	nq	98
74) Fluoranthene	12.48	202	1545191	41.25	nq	98
76) Benzidine	12.60	184	151214	8.84	nq	97
77) Pyrene	12.70	202	1555223	41.53	nq	98
79) Butylbenzylphthalate	13.33	149	694716	42.87	nq	88
80) Benzo(a)anthracene	13.89	228	1266311	45.20	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	275998	28.22	nq	# 96
82) Chrysene	13.93	228	1067356	39.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	954496	46.63	nq	# 94
84) Di-n-octyl phthalate	14.51	149	1549258	44.83	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.63	276	1114673	52.23	nq	99
87) Benzo(b)fluoranthene	14.91	252	1207244m	46.23	nq	
88) Benzo(k)fluoranthene	14.93	252	890617m	41.70	nq	
89) Benzo(a)pyrene	15.24	252	1007469	45.48	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	923003	48.43	nq	99
91) Benzo(g,h,i)perylene	17.03	276	955523	48.41	nq	100

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

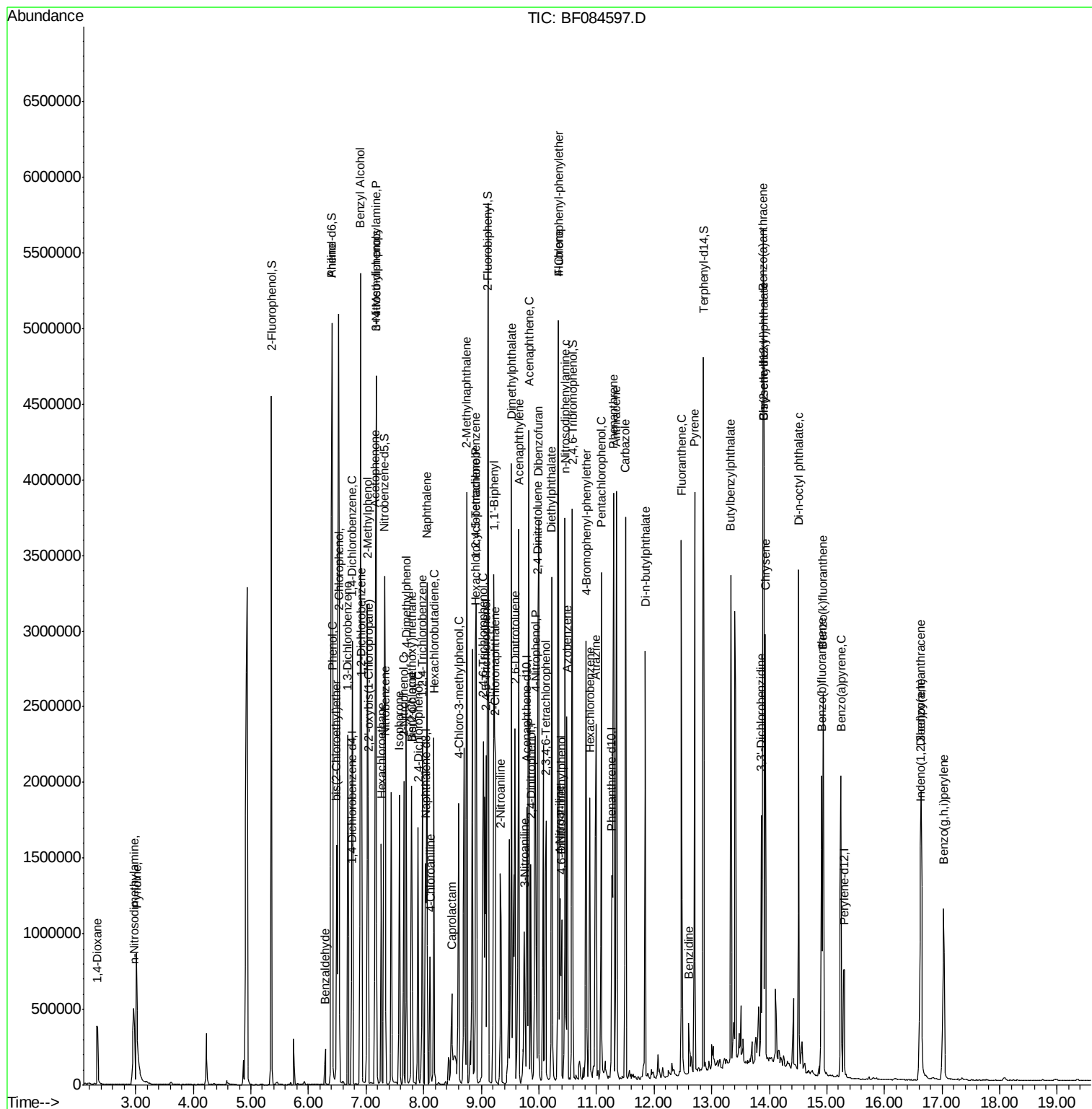
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
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Quant Time: Jan 23 00:35:59 2016
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#1

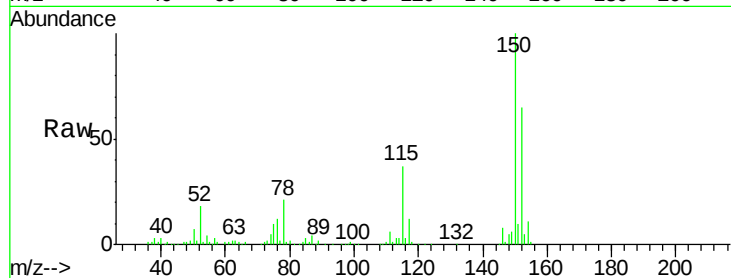
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

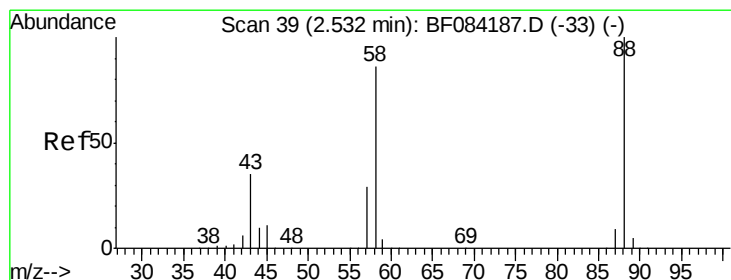
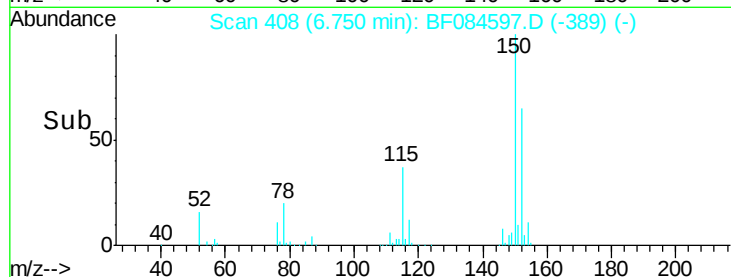
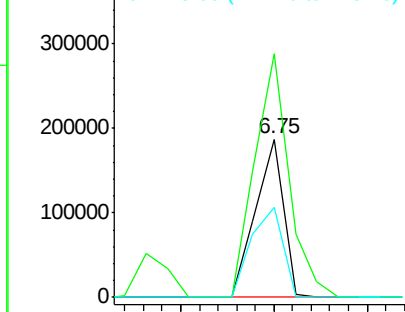
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	56.9	51.4	77.2

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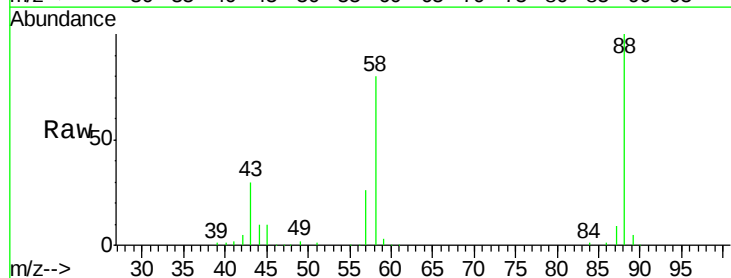
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



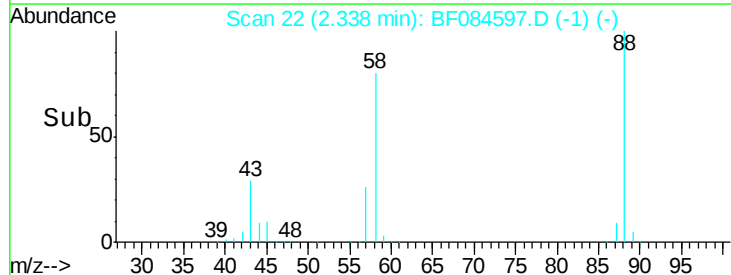
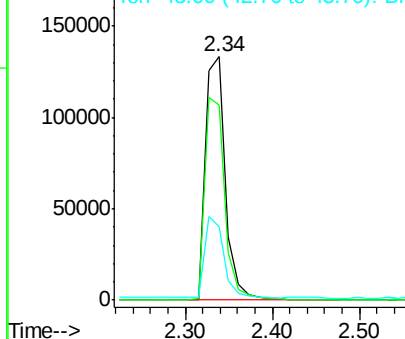
#2

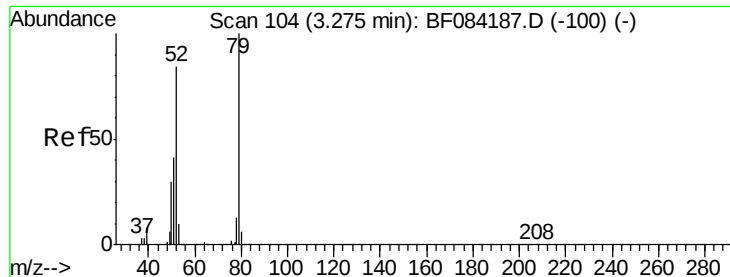
1,4-Dioxane
Concen: 37.47 ng
RT: 2.34 min Scan# 22
Delta R.T. -0.06 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	51.2	76.8#
43	31.6	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: 32.40 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.11 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

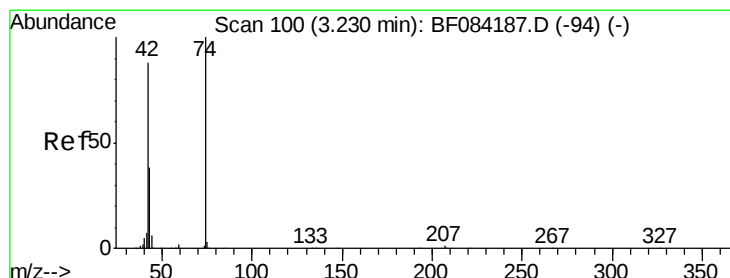
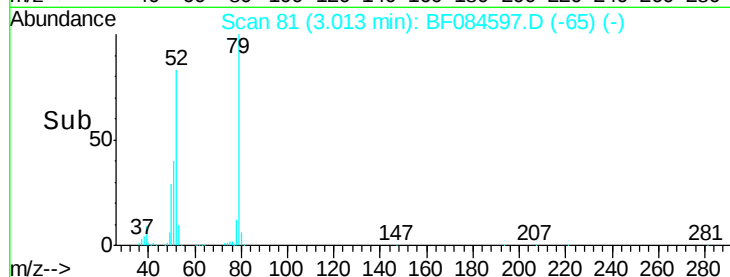
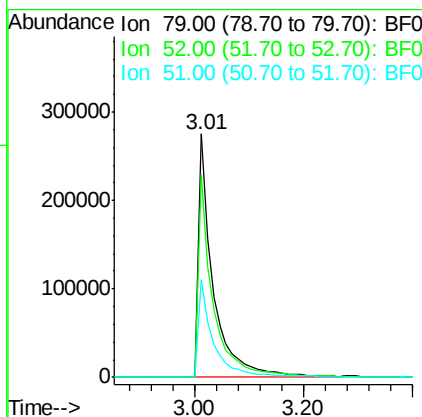
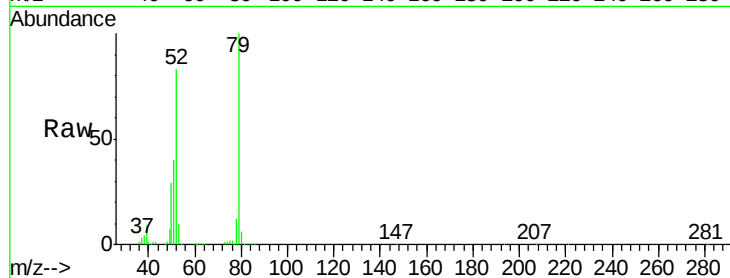
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:	79	Resp:	509935
Ion Ratio	Lower	Upper	
79	100		
52	83.0	49.0	73.4#
51	40.3	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 40.40 ng

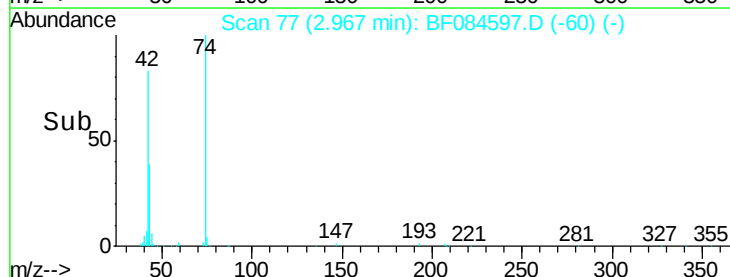
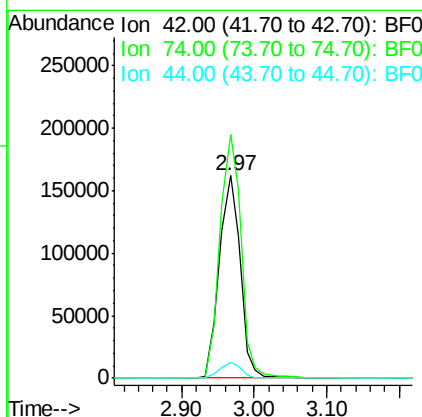
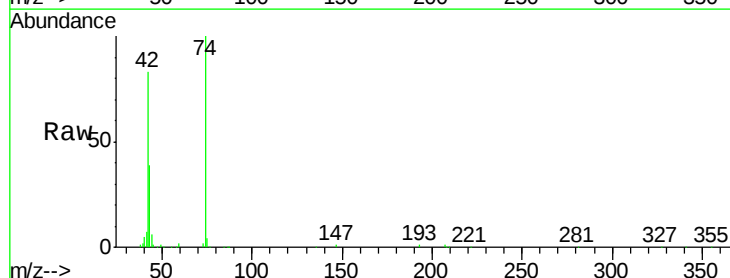
RT: 2.97 min Scan# 77

Delta R.T. -0.10 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	42	Resp:	326378
Ion Ratio	Lower	Upper	
42	100		
74	120.4	115.7	173.5
44	7.5	5.1	7.7





#5

2-Fluorophenol

Concen: 110.71 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion: 112 Resp: 1319387

Ion Ratio Lower Upper

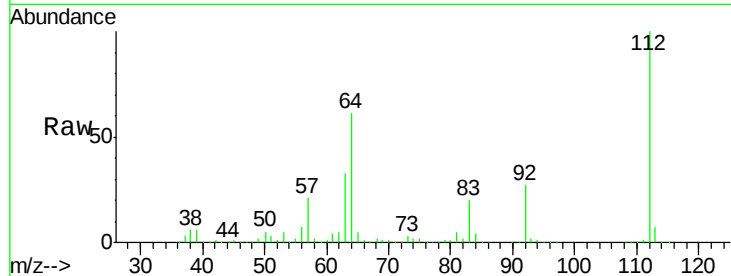
112 100

64 61.4 36.6 55.0#

63 33.4 19.4 29.0#

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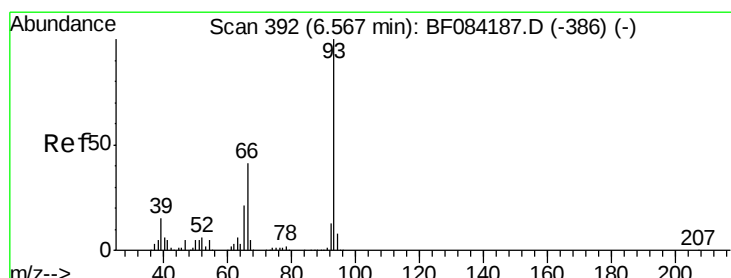
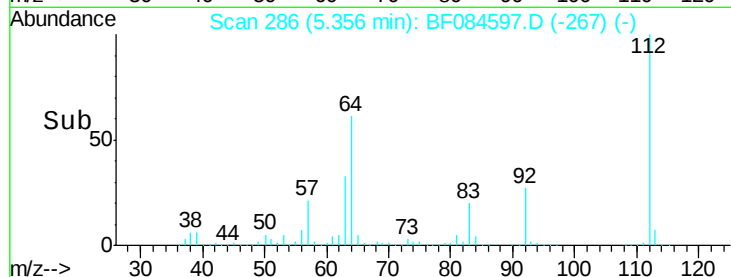
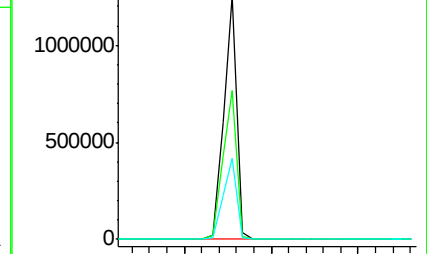
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.08 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

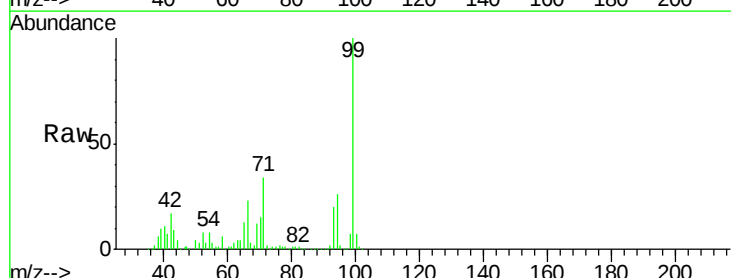
Tgt Ion: 93 Resp: 395852

Ion Ratio Lower Upper

93 100

66 115.0 44.9 67.3#

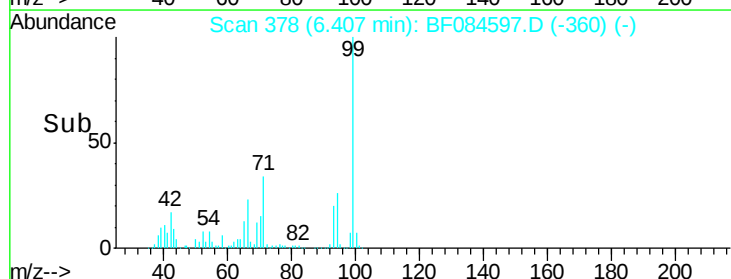
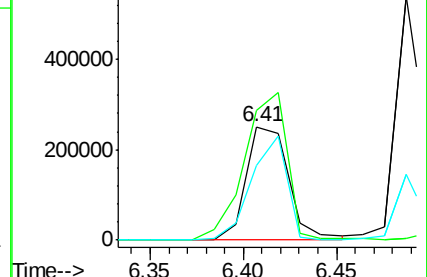
65 66.1 23.7 35.5#

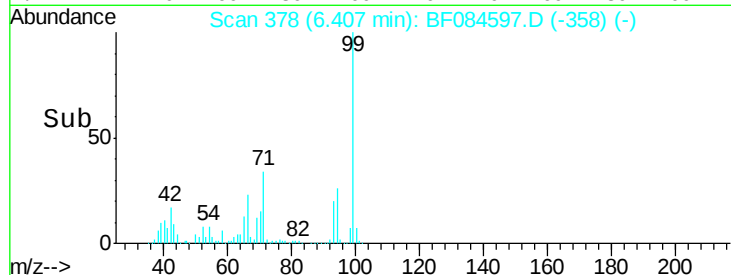
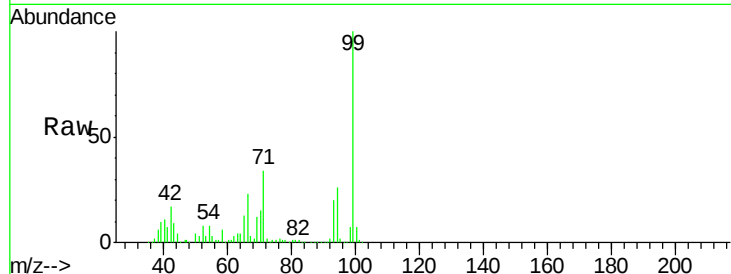


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.26 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.07 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tot Ion:	99	Resp:	2009546
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.8	19.2
71	34.1	30.9	46.3

Instrument :

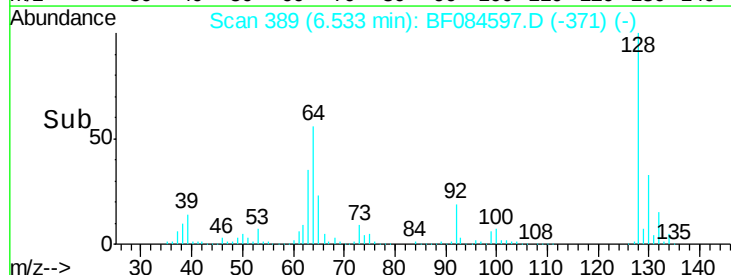
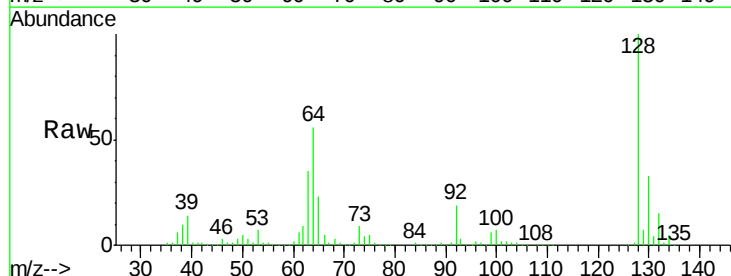
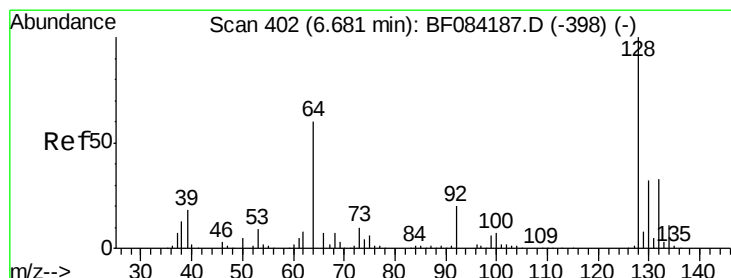
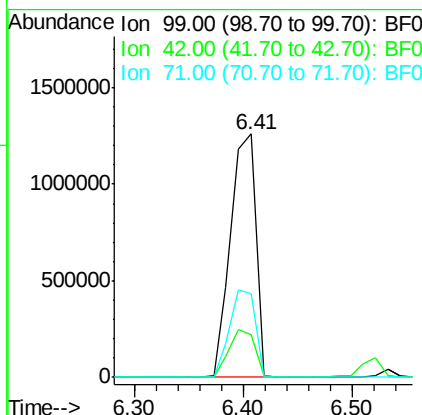
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 43.30 ng

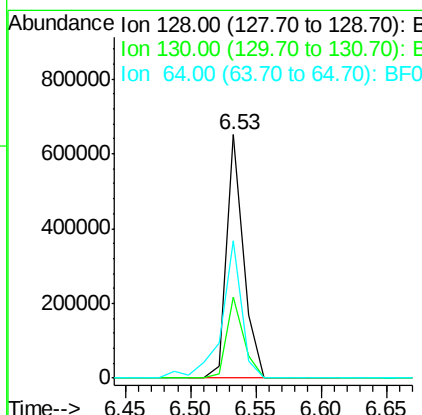
RT: 6.53 min Scan# 389

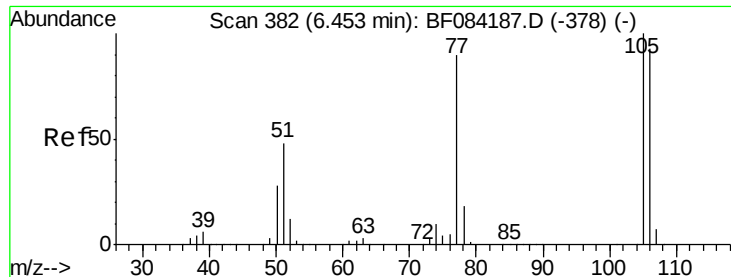
Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	128	Resp:	585486
Ion	Ratio	Lower	Upper
128	100		
130	33.1	11.6	51.6
64	56.2	23.8	63.8





#9

Benzaldehyde

Concen: 5.51 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

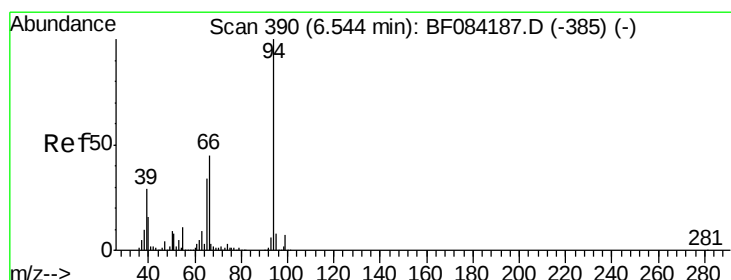
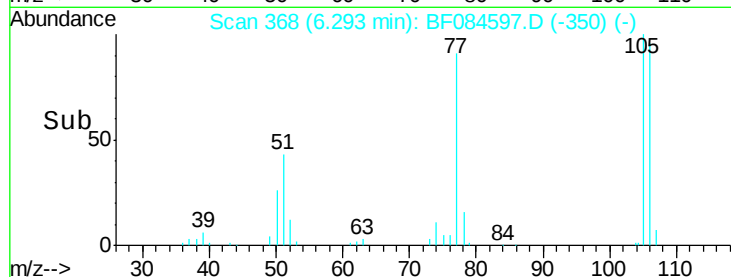
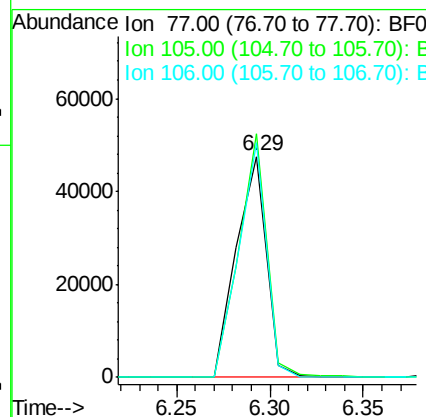
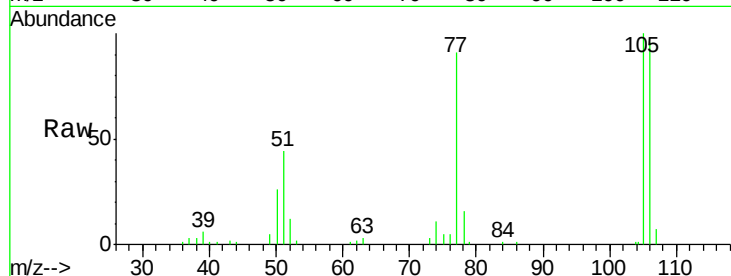
ClientSampleId :

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Tot Ion:	77	Resp:	53681
Ion	Ratio	Lower	Upper
77	100		
105	110.3	83.0	123.0
106	106.1	74.6	114.6

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#10

Phenol

Concen: 45.30 ng

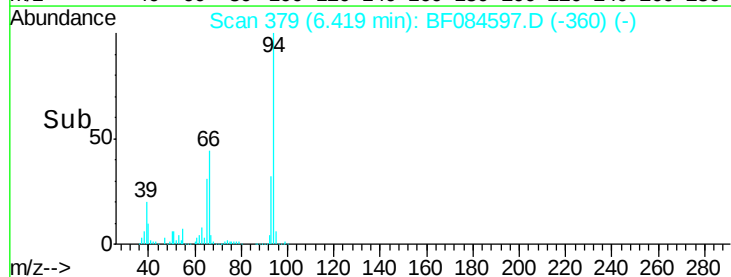
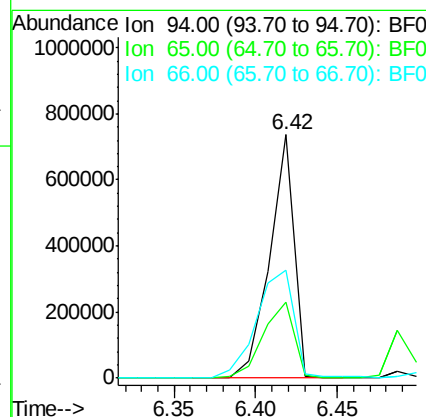
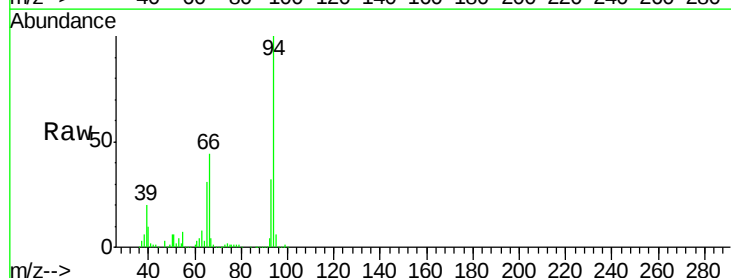
RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	94	Resp:	770948
Ion	Ratio	Lower	Upper
94	100		
65	31.1	12.9	52.9
66	44.4	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 42.54 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

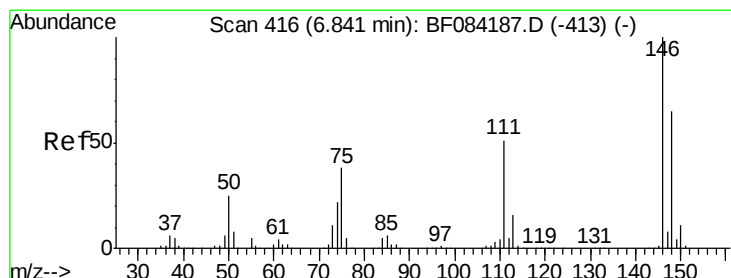
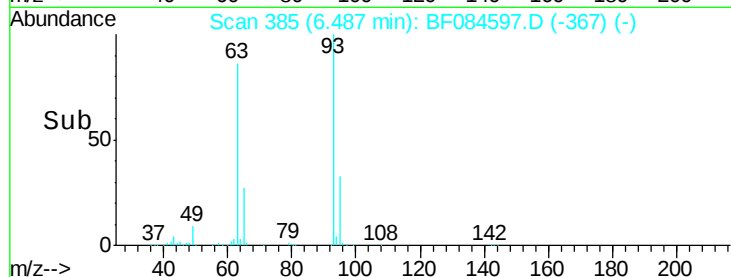
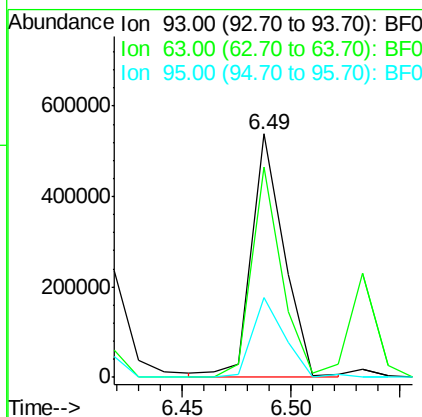
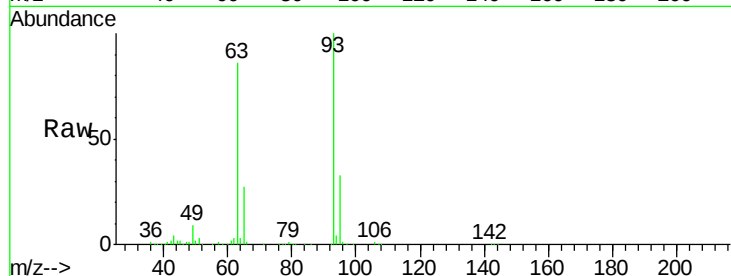
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	560775		
63	86.5	45.9	85.9#	
95	32.5	12.3	52.3	

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#12

1,3-Dichlorobenzene

Concen: 41.13 ng m

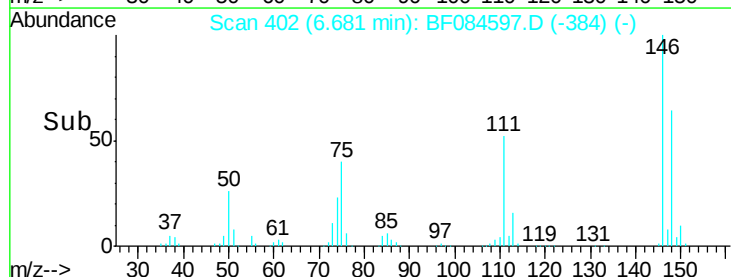
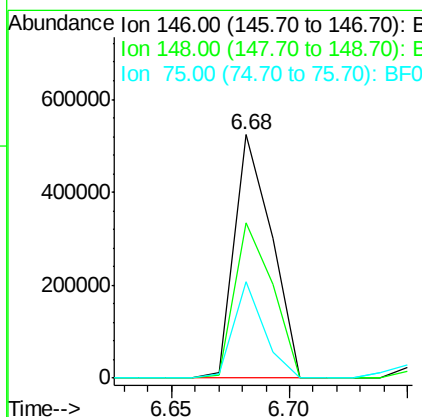
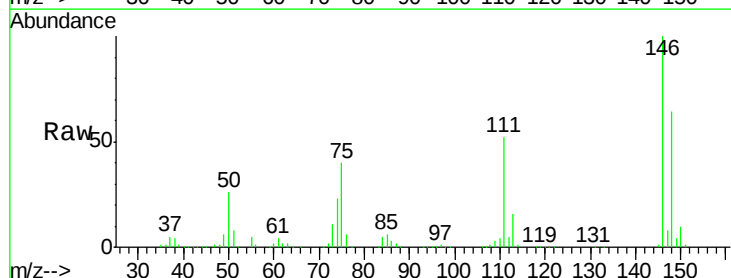
RT: 6.68 min Scan# 402

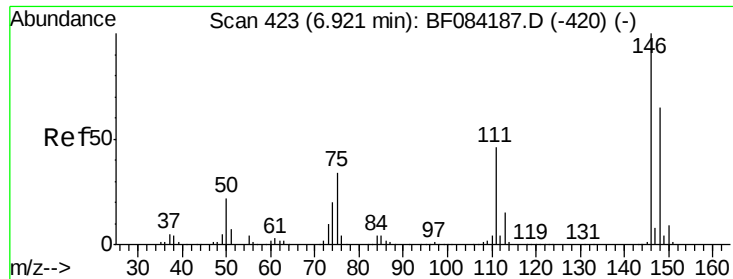
Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	573618		
148	63.5	51.9	77.9	
75	39.8	20.5	30.7#	





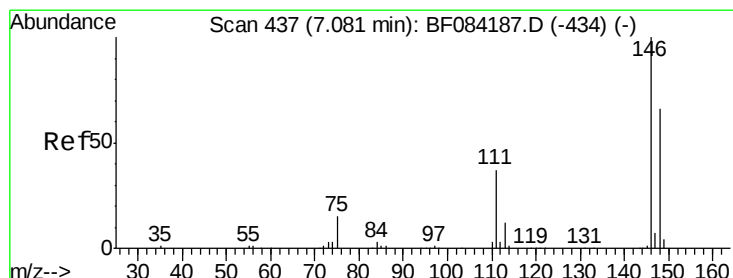
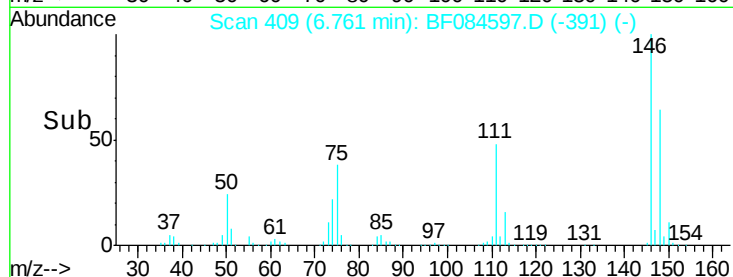
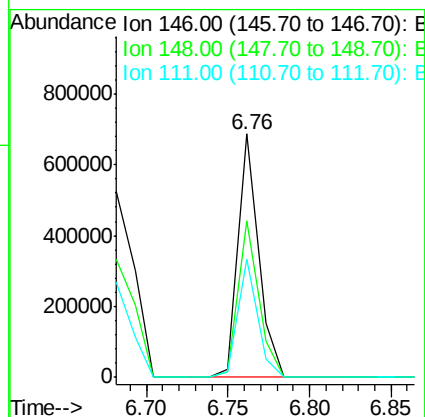
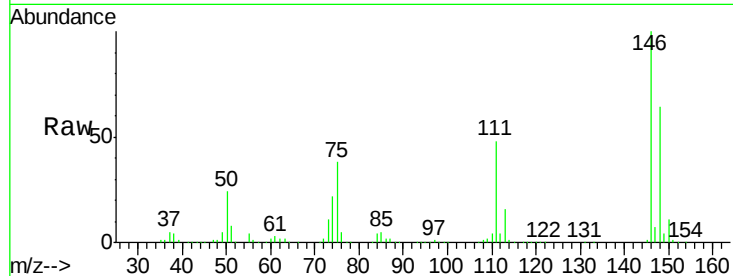
#13
 1,4-Dichlorobenzene
 Concen: 42.46 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	48.5	41.6	62.4

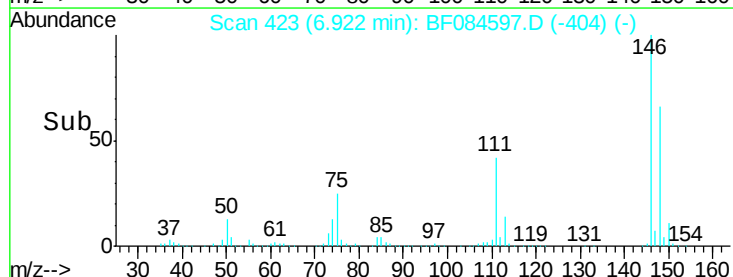
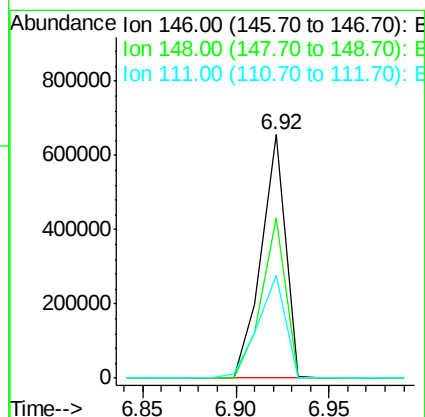
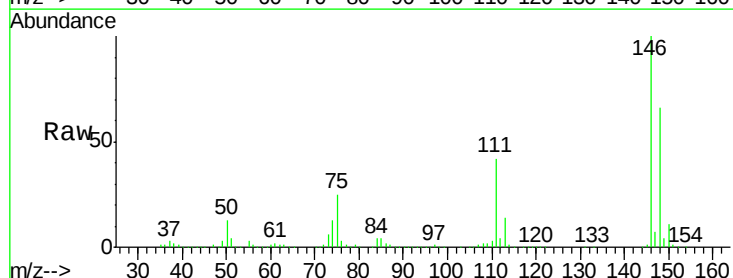
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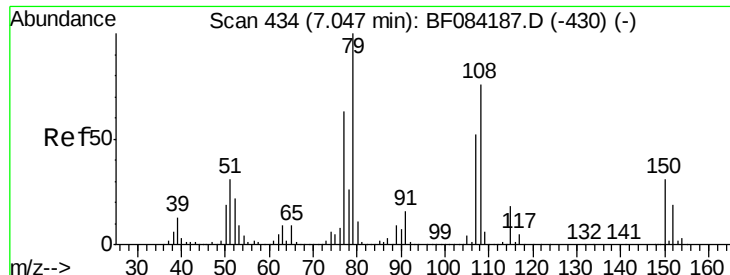
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#14
 1,2-Dichlorobenzene
 Concen: 44.07 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	42.2	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.62 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

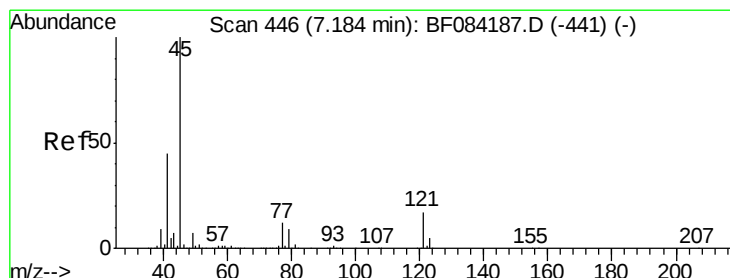
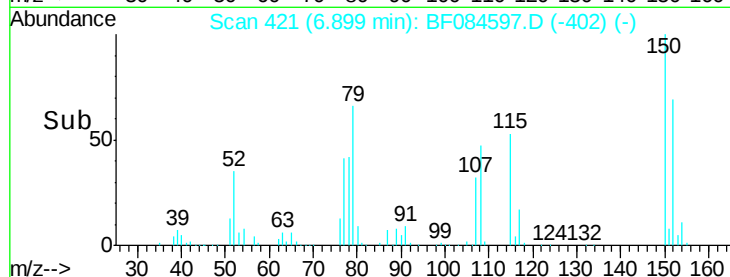
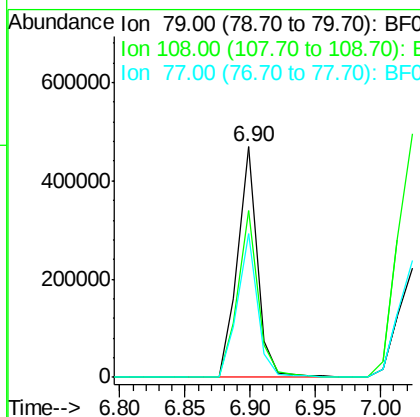
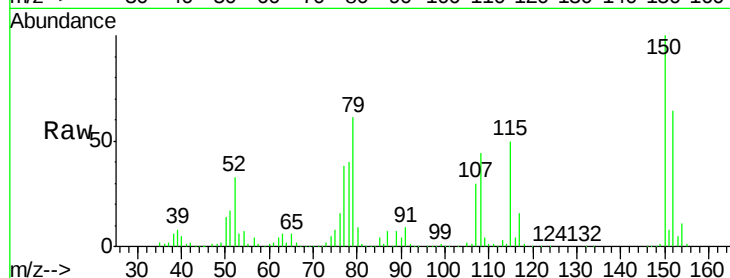
ClientSampleId :

P001-SS015-7278-01MSD

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Tot Ion:	79	Resp:	498810
Ion Ratio	Lower	Upper	
79	100		
108	72.4	69.0	103.4
77	62.5	50.0	75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.08 ng

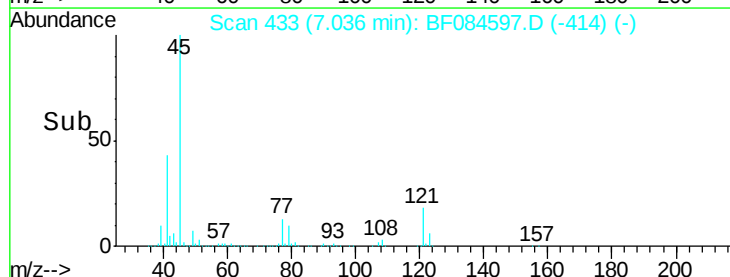
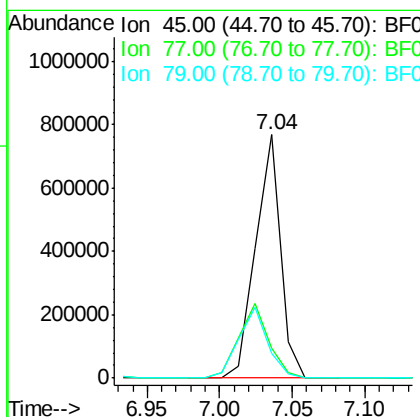
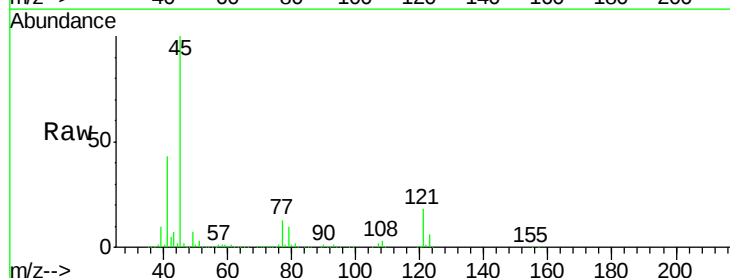
RT: 7.04 min Scan# 433

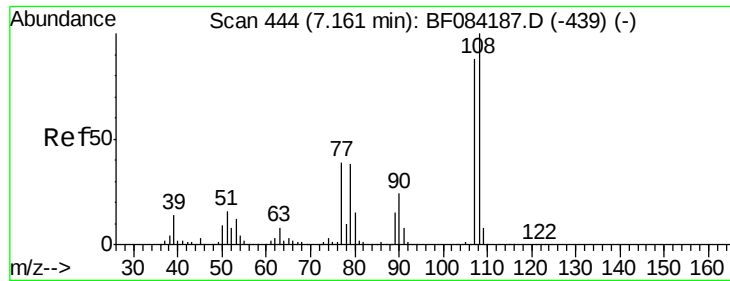
Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	45	Resp:	914144
Ion Ratio	Lower	Upper	
45	100		
77	12.5	0.0	39.6
79	10.1	0.0	35.0





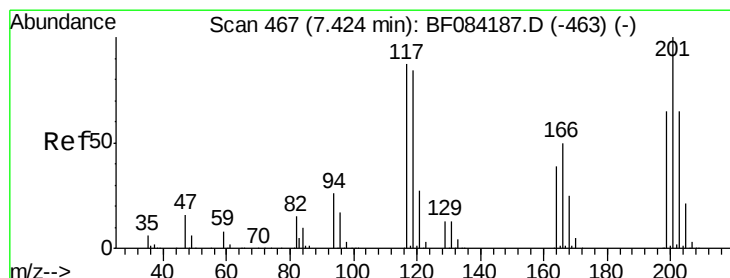
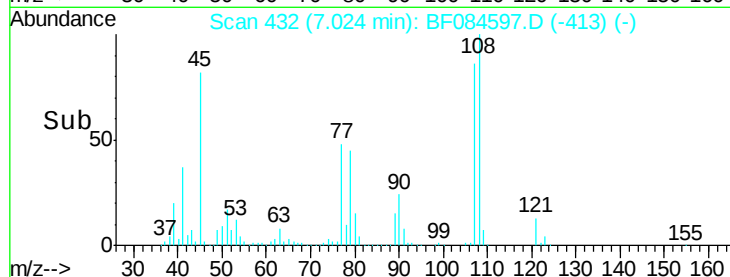
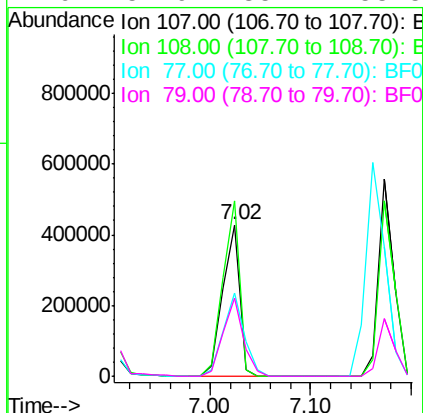
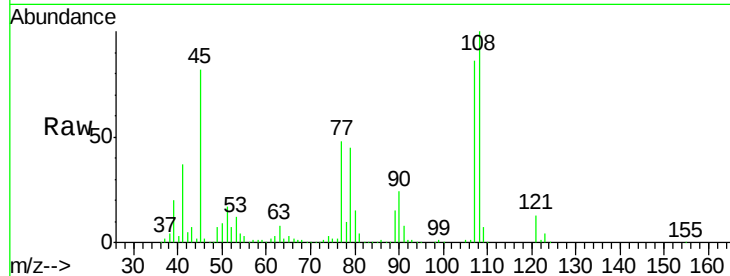
#17
2-Methylphenol
Concen: 44.16 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	89.8	134.6	
77	55.2	35.7	53.5	
79	51.9	35.7	53.5	

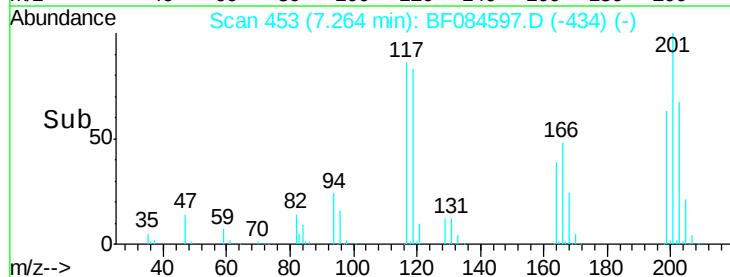
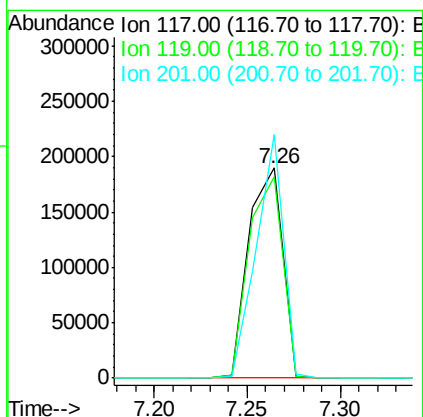
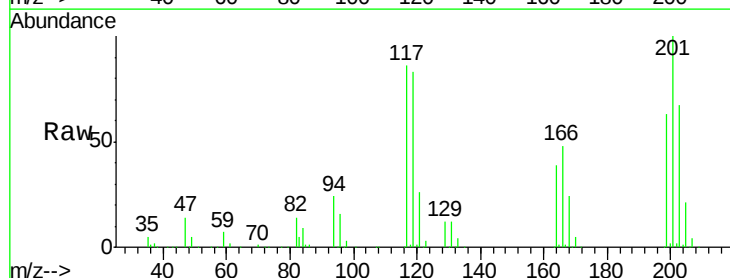
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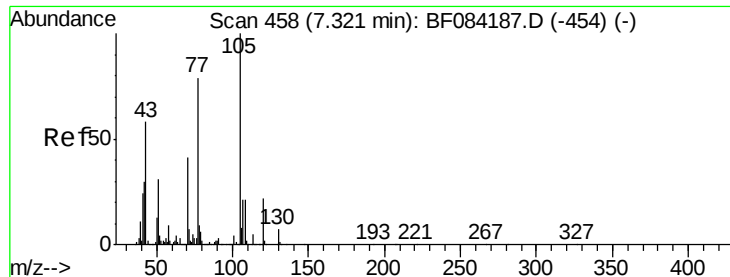
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#18
Hexachloroethane
Concen: 42.65 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.4	116.0	
201	116.0	68.6	103.0	





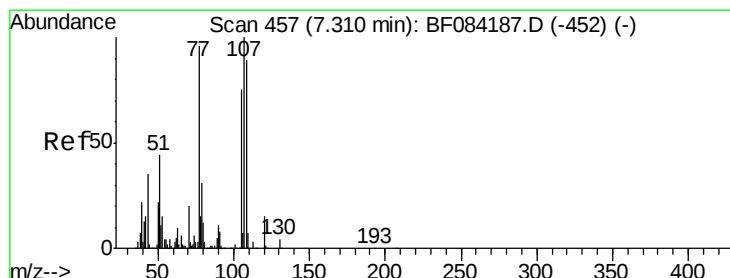
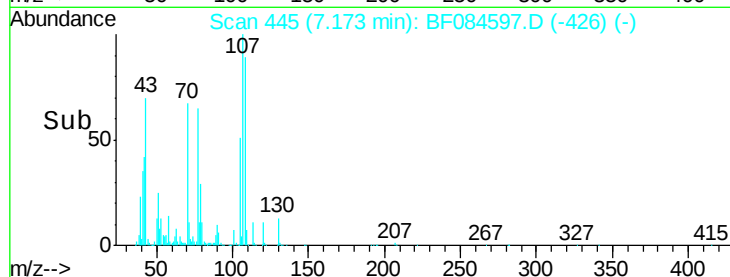
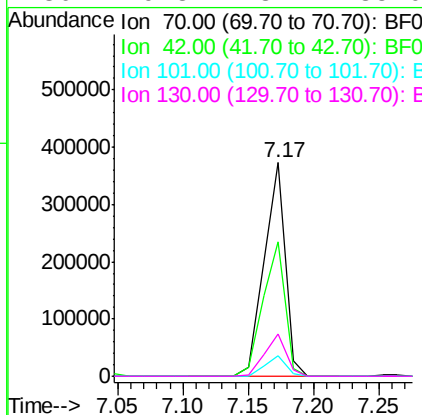
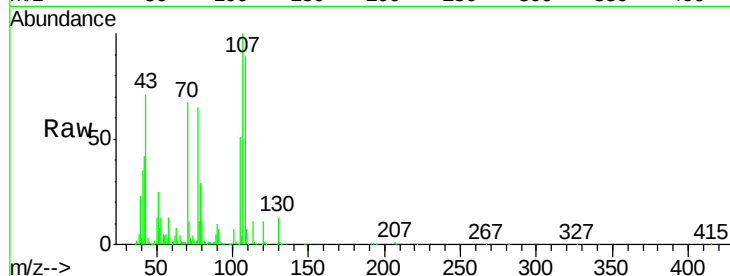
#19
n-Nitroso-di-n-propylamine
Concen: 41.79 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	33.3	49.9#
101	9.8	9.3	13.9
130	19.8	23.4	35.0#

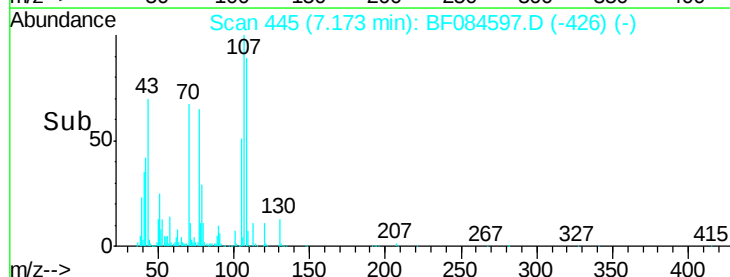
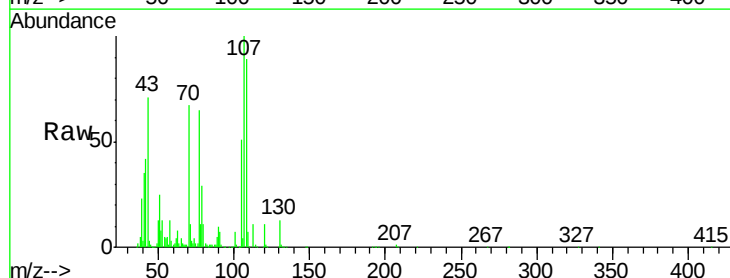
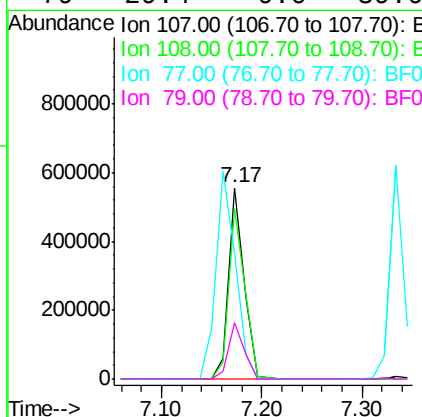
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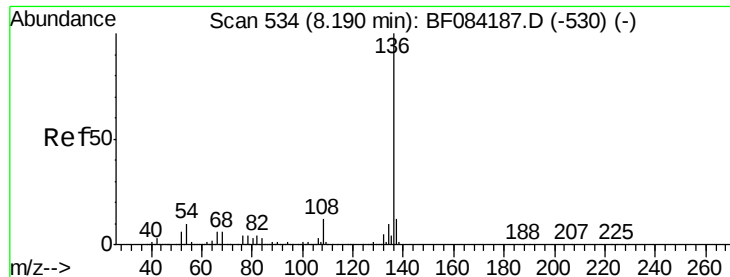
mohammad
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#20
3+4-Methylphenols
Concen: 44.54 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	74.6	114.6
77	65.5	0.7	40.7#
79	29.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

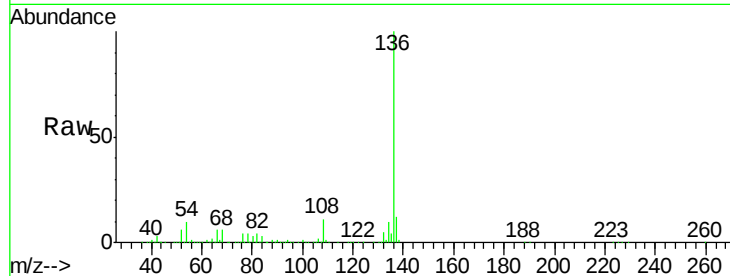
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		771705		
137	11.6	8.7	13.1		
54	10.0	5.8	8.8		
68	5.7	4.2	6.2		

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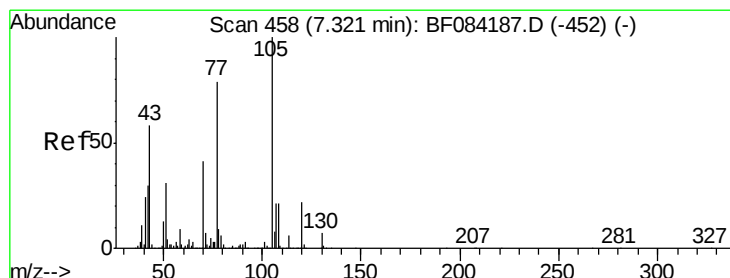
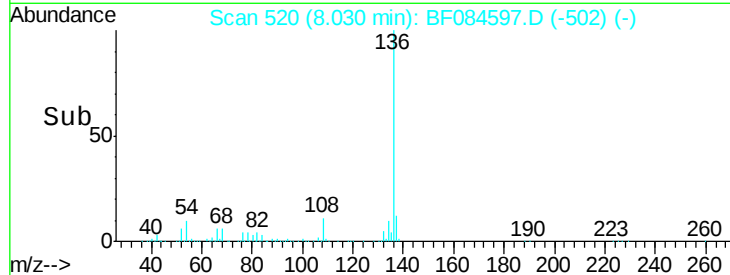
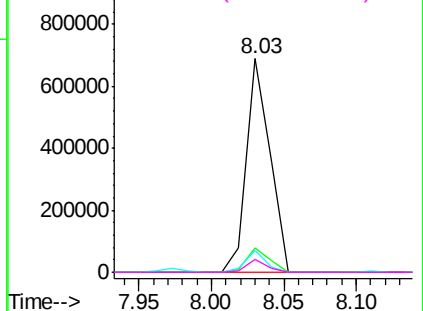
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.95 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		834167		
71	4.4	3.7	5.5		
51	33.0	25.1	37.7		
120	20.4	16.6	25.0		

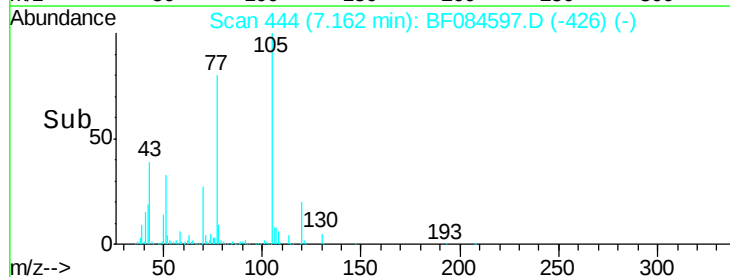
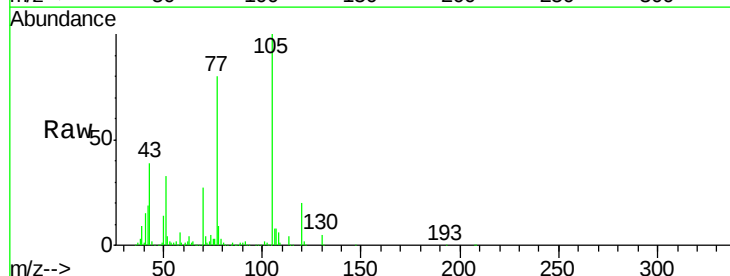
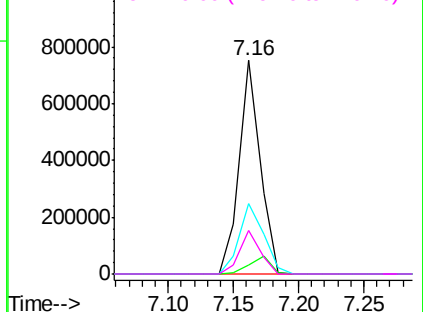
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





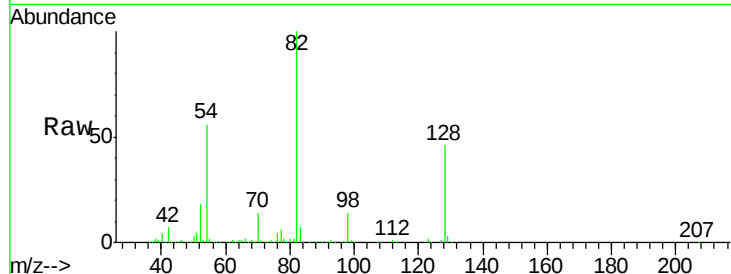
#23
 Nitrobenzene-d5
 Concen: 93.93 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

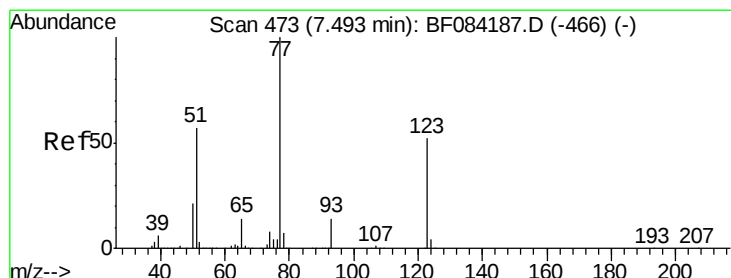
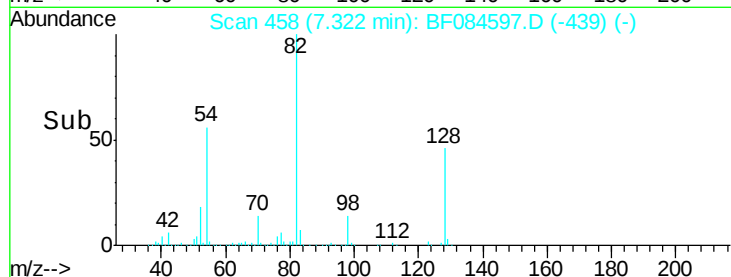
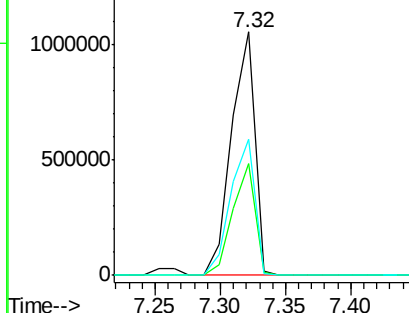
Tot Ion	82	Resp	1302362
Ion Ratio	100	Lower	Upper
128	46.1	34.6	51.8
54	55.9	38.4	57.6

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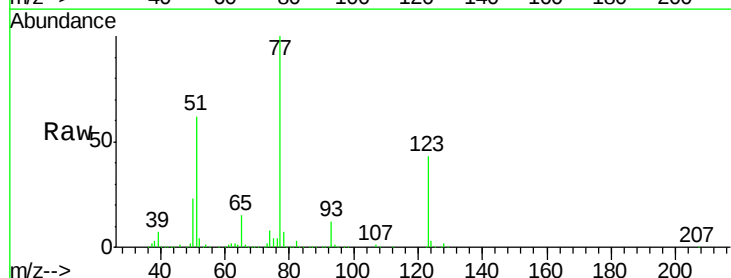


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

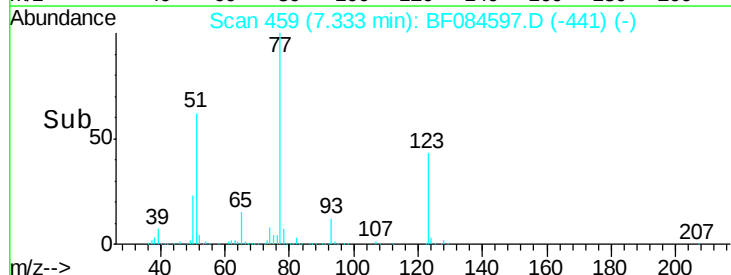
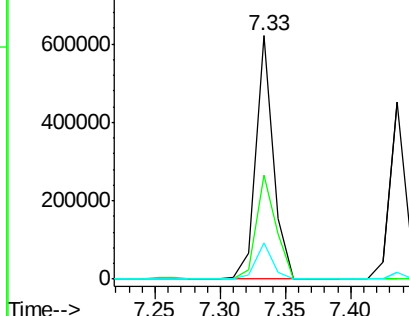


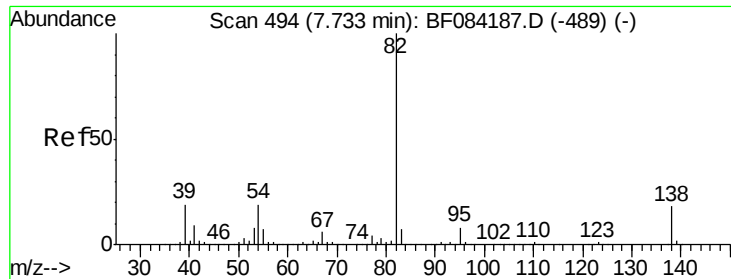
#24
 Nitrobenzene
 Concen: 41.34 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	77	Resp	581413
Ion Ratio	100	Lower	Upper
123	42.6	37.4	56.2
65	14.7	10.9	16.3



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





#25

Isophorone

Concen: 44.45 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion: 82 Resp: 1178793

Ion Ratio Lower Upper

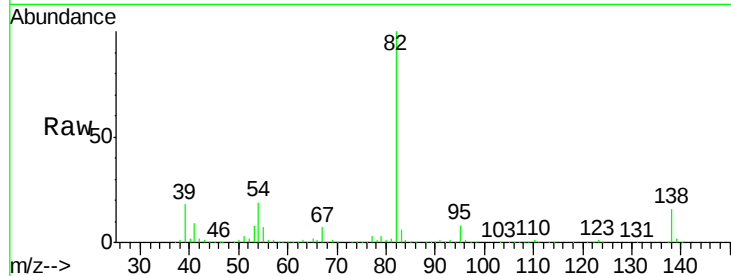
82 100

95 7.5 6.6 10.0

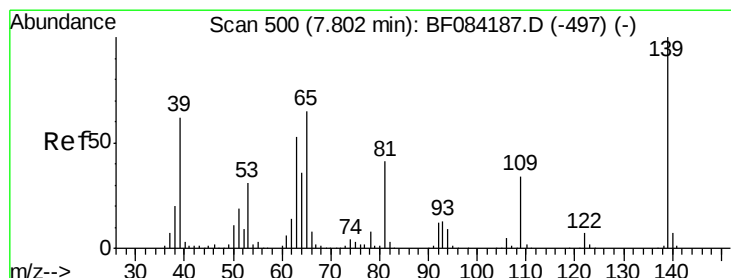
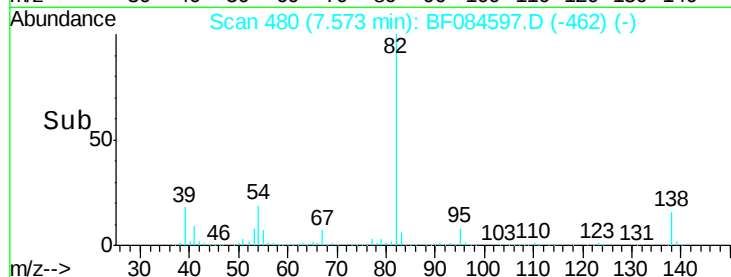
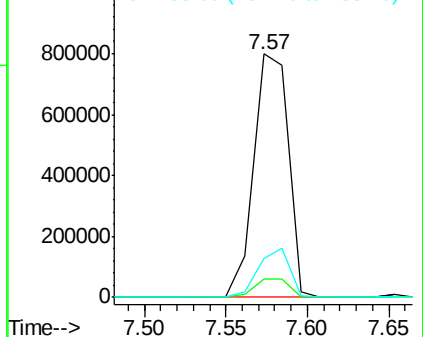
138 15.9 13.6 20.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 53.01 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

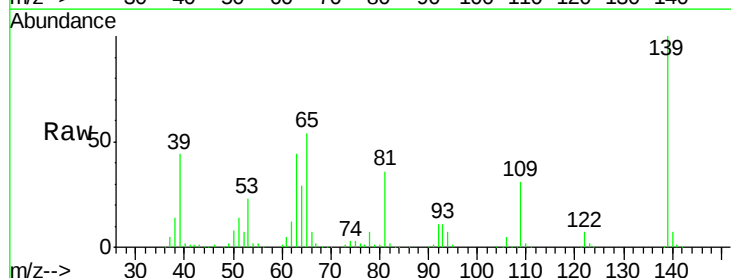
Tgt Ion: 139 Resp: 339314

Ion Ratio Lower Upper

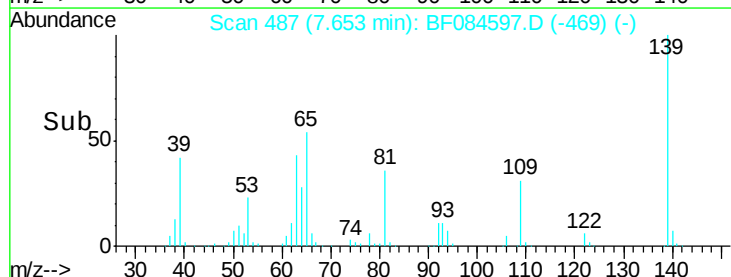
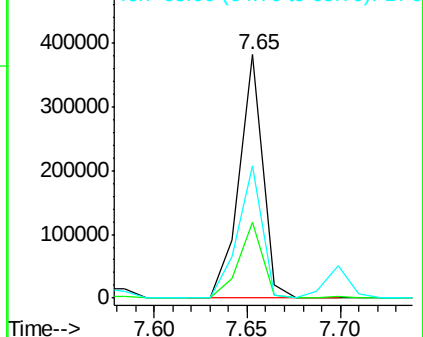
139 100

109 31.1 25.4 38.2

65 54.3 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.57 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

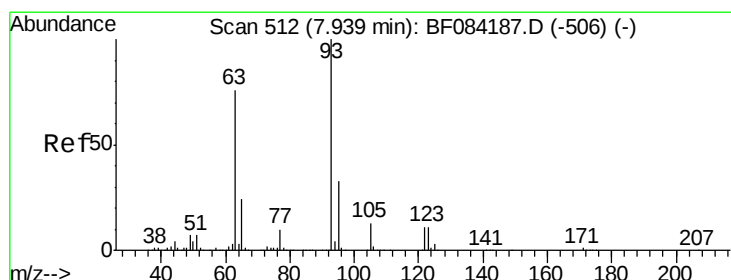
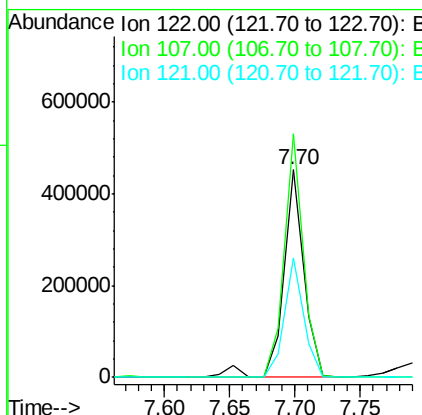
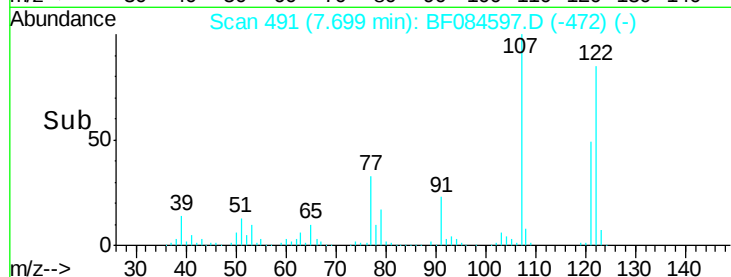
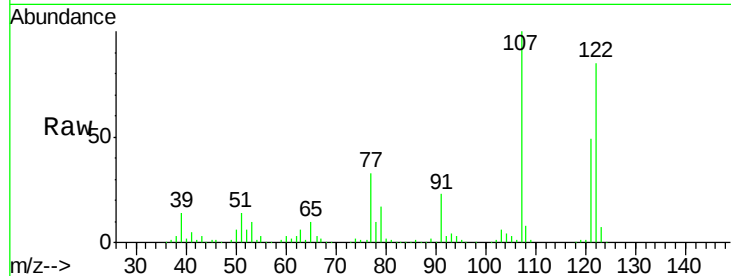
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:	122	Resp:	486720
Ion Ratio	Lower	Upper	
122	100		
107	117.4	99.1	148.7
121	57.9	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.19 ng

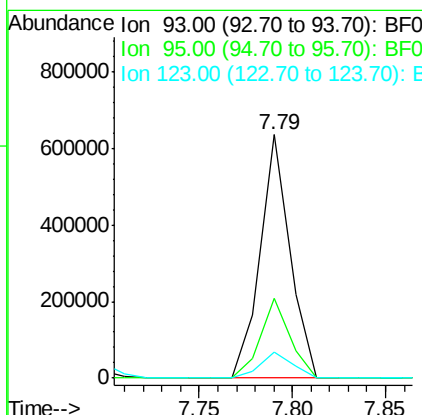
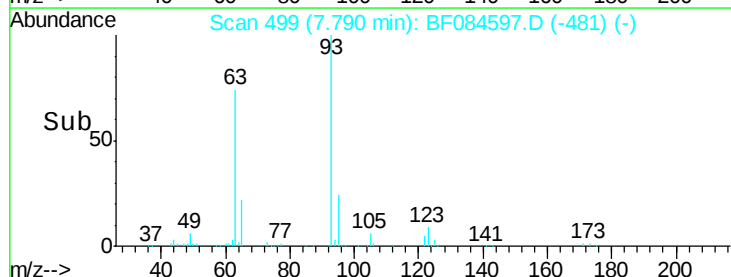
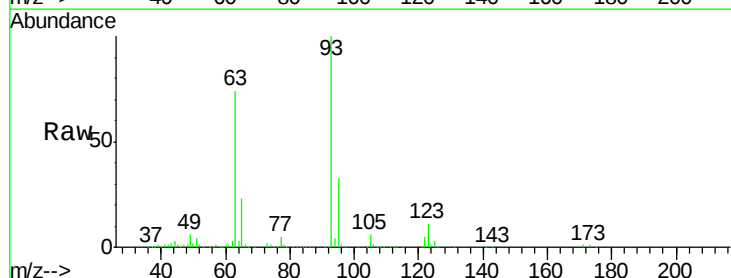
RT: 7.79 min Scan# 499

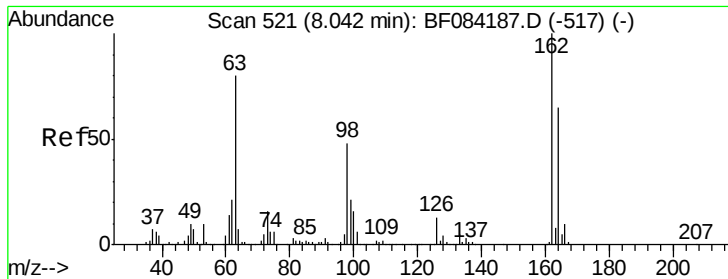
Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	93	Resp:	699537
Ion Ratio	Lower	Upper	
93	100		
95	33.0	25.8	38.6
123	10.8	8.6	12.8





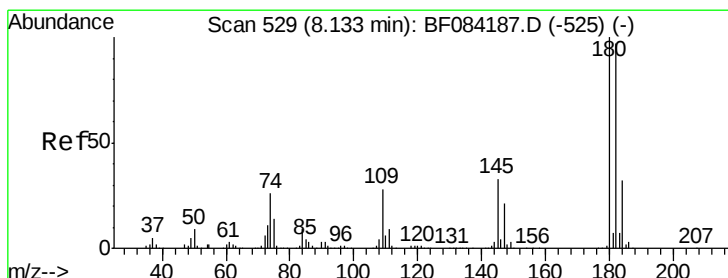
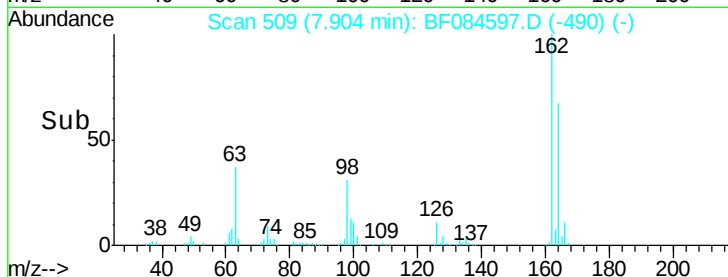
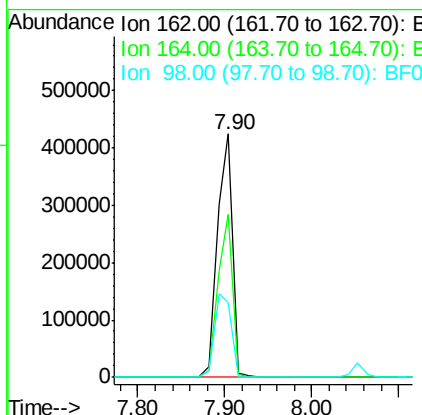
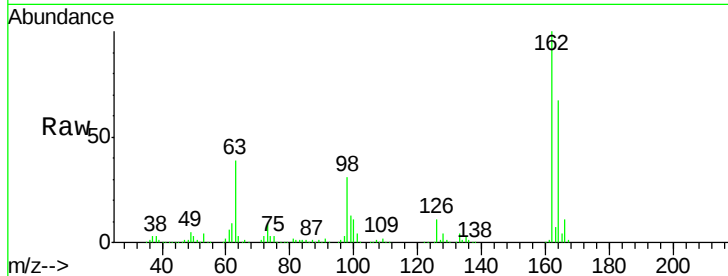
#29
 2,4-Dichlorophenol
 Concen: 48.09 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	44.1	84.1
98	30.8	20.2	60.2

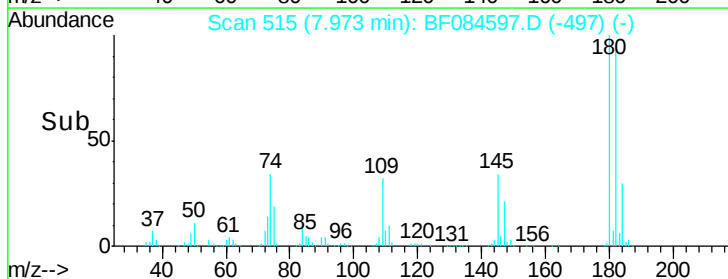
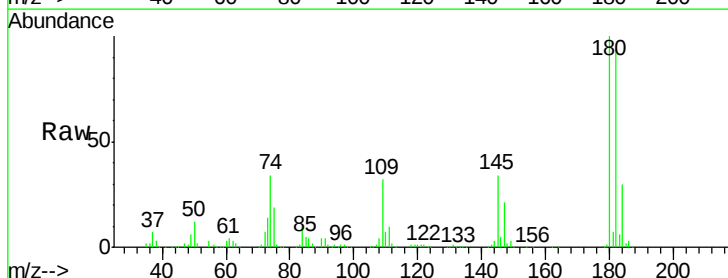
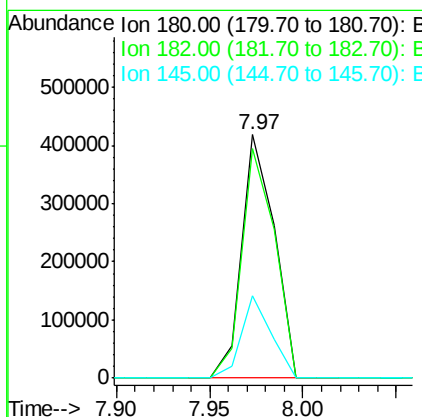
Manual Integrations
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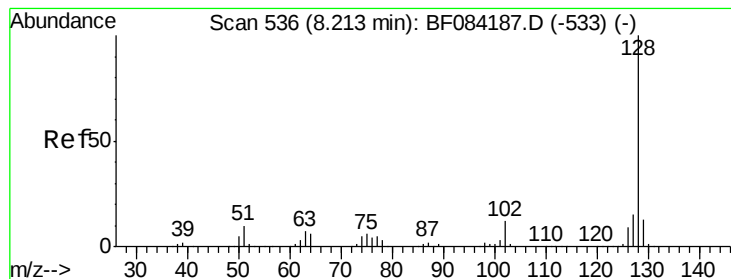
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.46 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.4	114.6
145	34.0	31.6	47.4





#31

Naphthalene

Concen: 45.18 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:128 Resp: 1581799

Ion Ratio Lower Upper

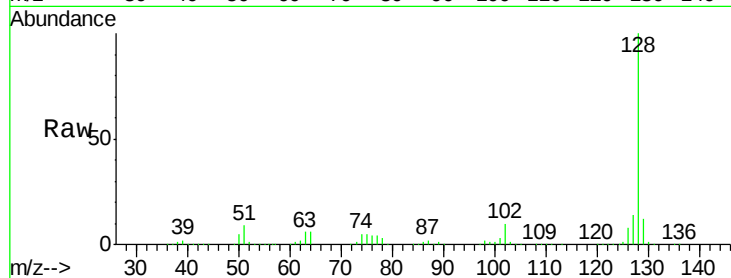
128 100

129 12.0 9.1 13.7

127 13.8 11.1 16.7

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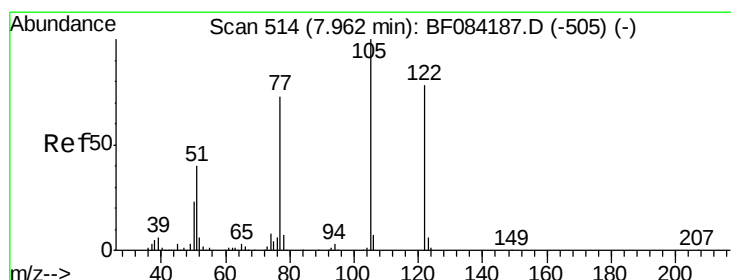
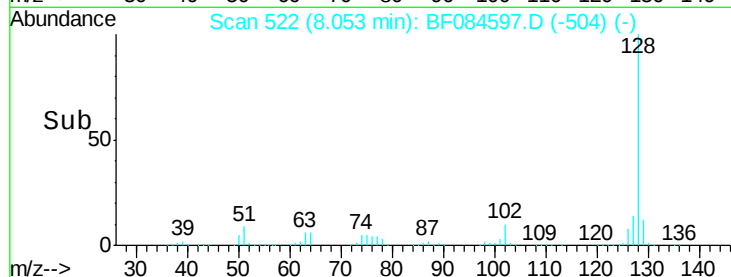
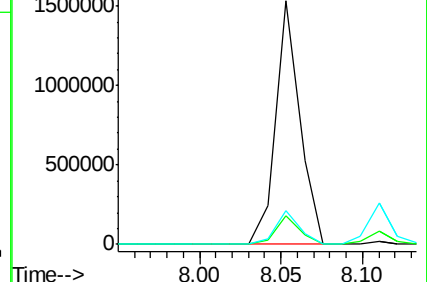
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 12.78 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.10 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

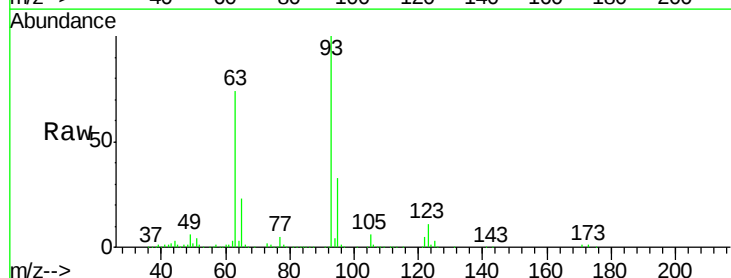
Tgt Ion:122 Resp: 62609

Ion Ratio Lower Upper

122 100

105 126.1 100.3 140.3

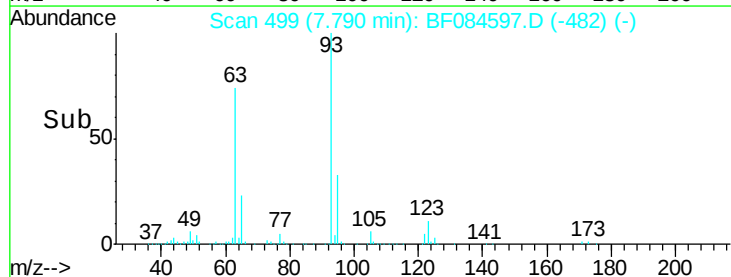
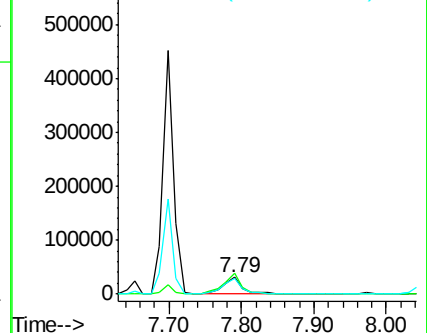
77 98.7 63.5 103.5



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





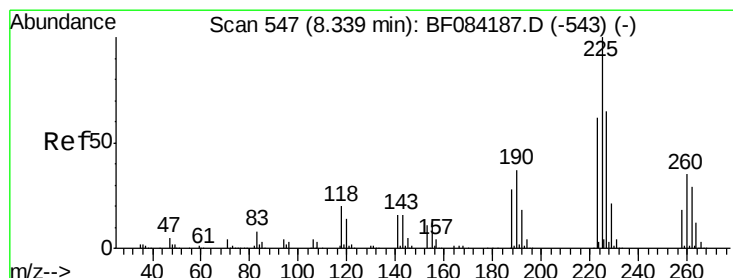
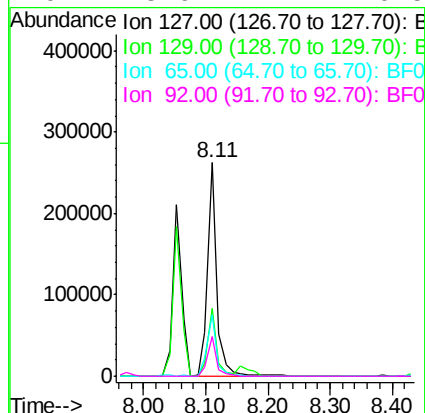
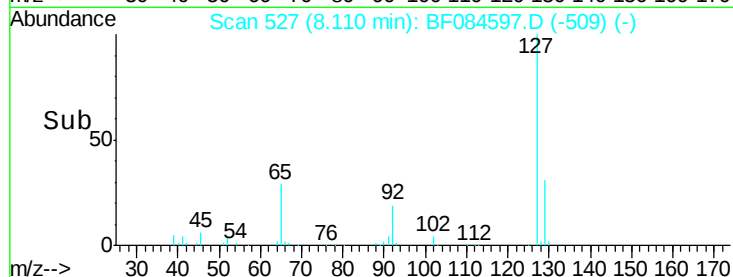
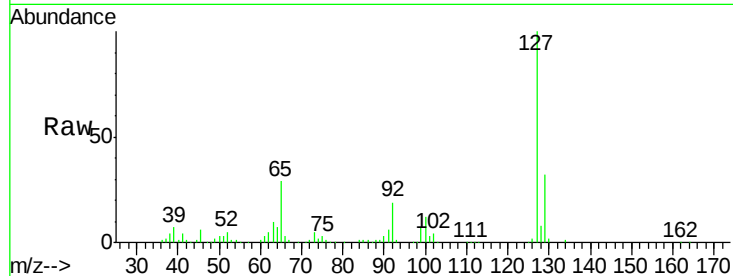
#33
4-Chloroaniline
Concen: 17.22 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		276392		
129	31.8	26.5	39.7		
65	29.0	27.2	40.8		
92	18.6	17.7	26.5		

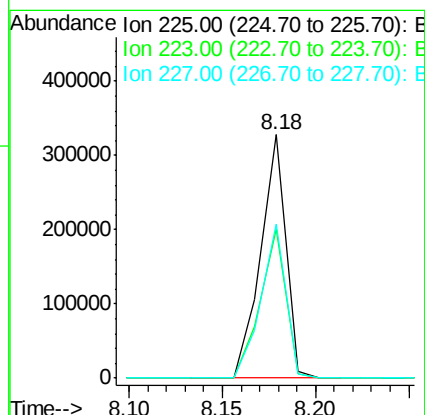
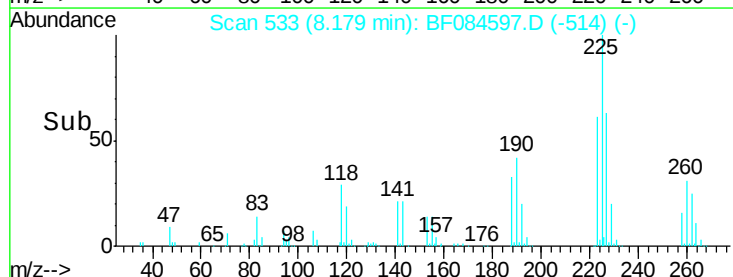
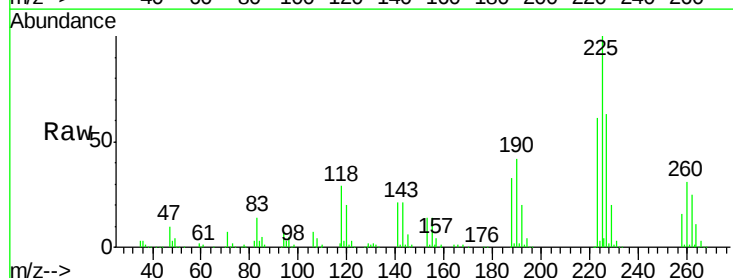
Manual Integrations
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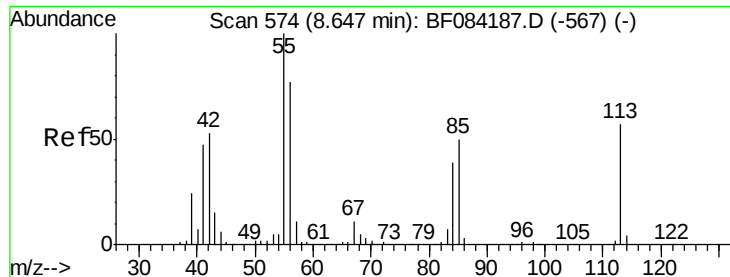
mohammad
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#34
Hexachlorobutadiene
Concen: 47.38 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		303463		
223	61.2	49.4	74.0		
227	63.3	50.8	76.2		





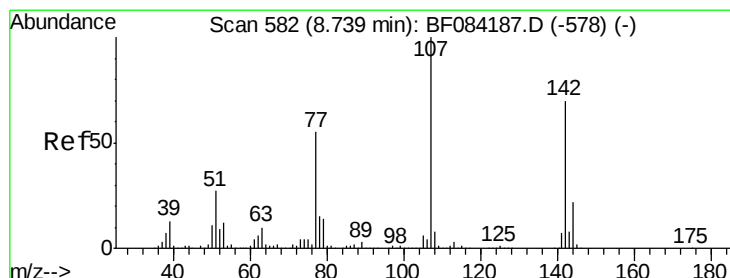
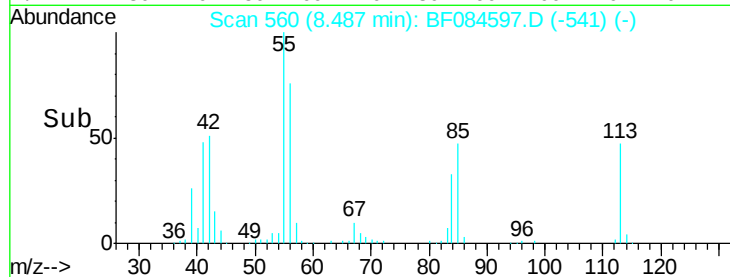
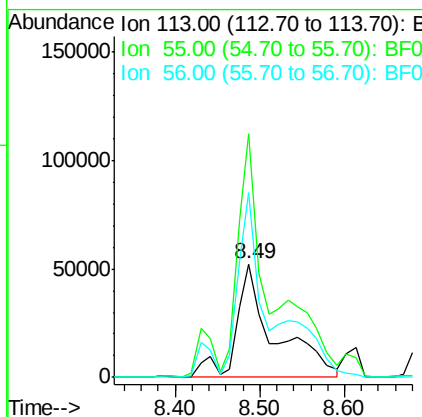
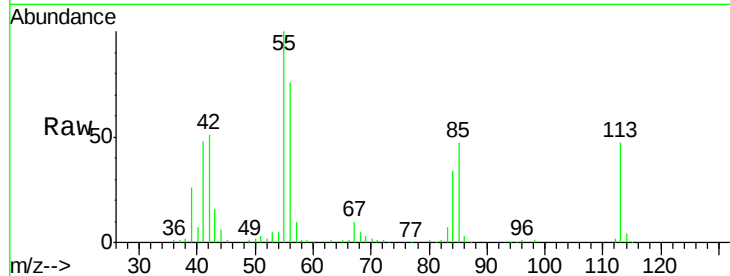
#35
 Caprolactam
 Concen: 45.10 ng/ml
 RT: 8.49 min Scan# 560
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	214.3	116.9	156.9#
56	162.3	93.8	133.8#

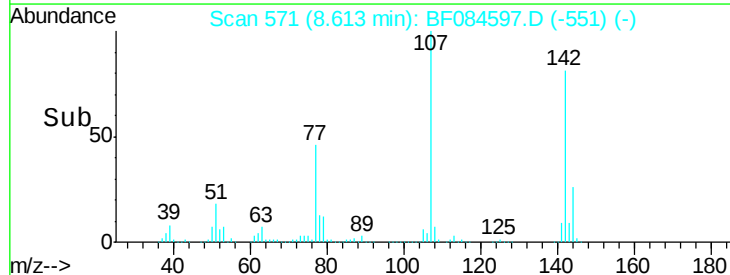
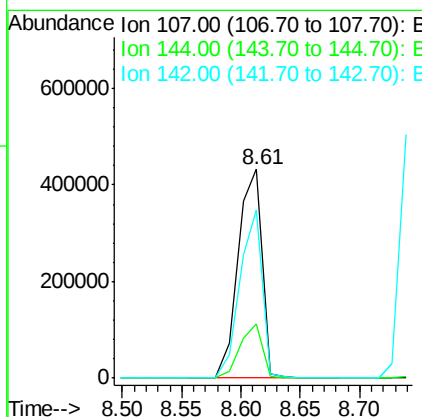
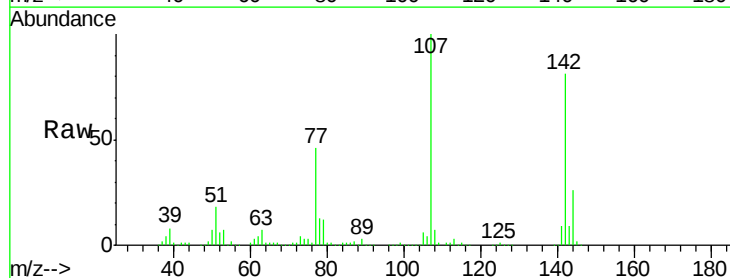
Manual Integrations
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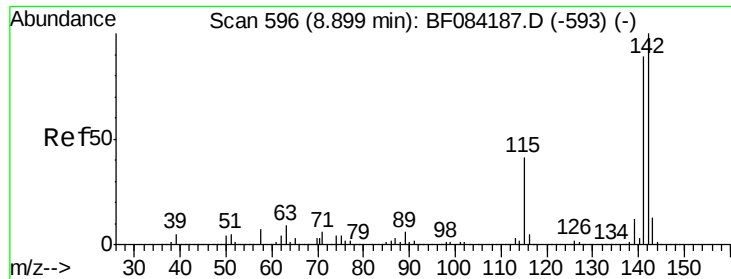
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 50.28 ng/ml
 RT: 8.61 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.7	29.5
142	80.8	61.8	92.6





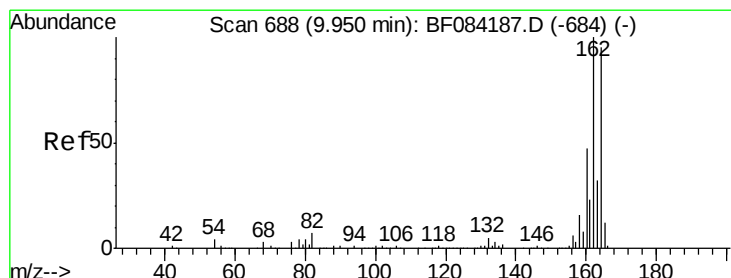
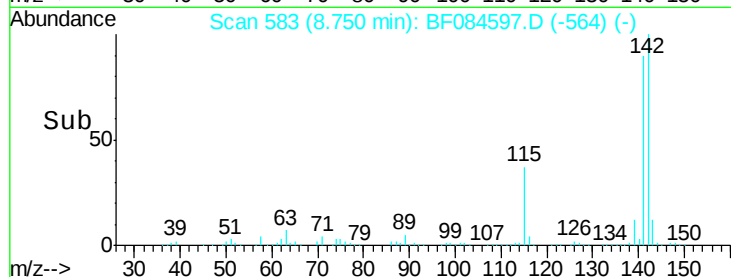
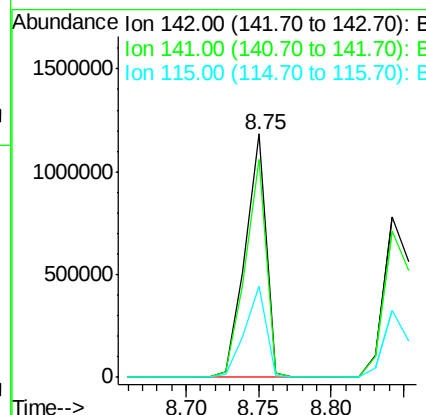
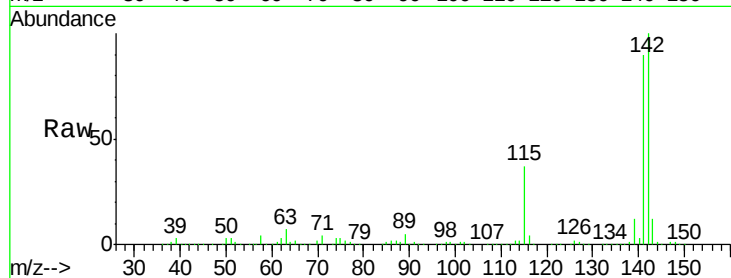
#37
2-Methylnaphthalene
Concen: 47.57 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion:142 Resp: 1195578
Ion Ratio Lower Upper
142 100
141 89.7 72.4 108.6
115 37.3 27.9 41.9

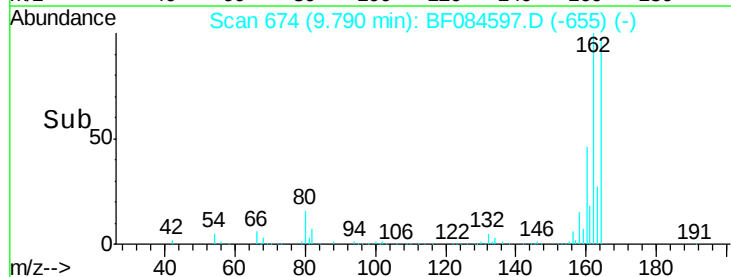
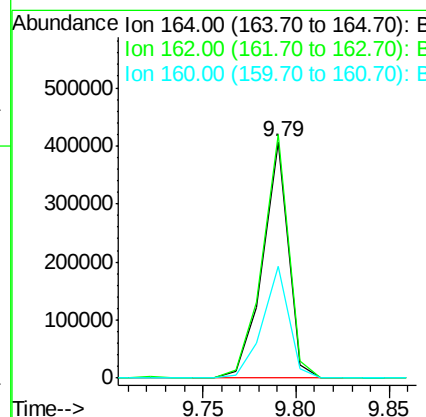
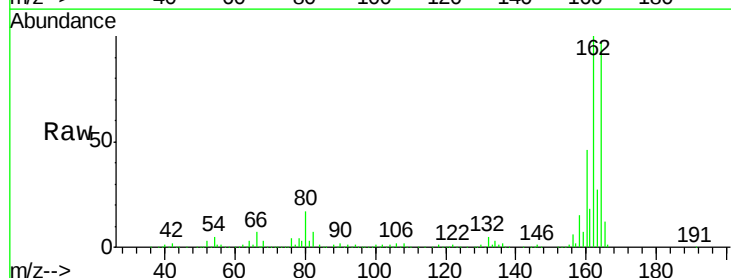
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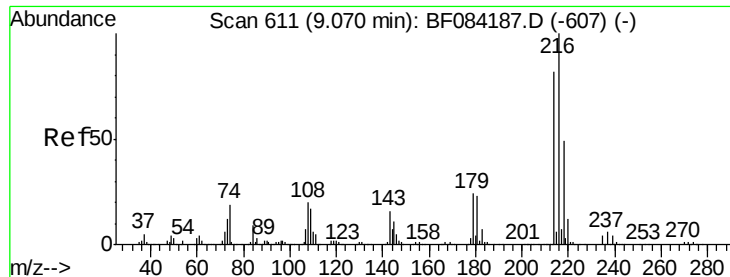
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:164 Resp: 385430
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 47.4 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.81 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

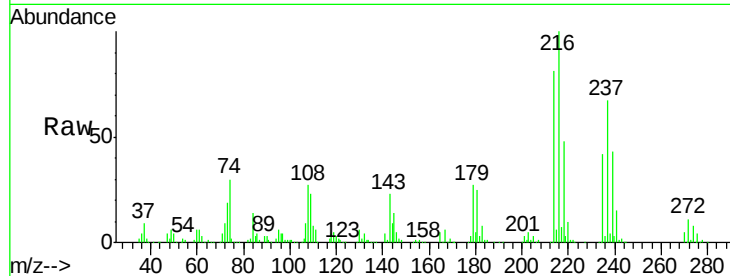
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		441151		
214	79.4		64.2	96.2	
179	23.4		18.7	28.1	
108	23.5		16.8	25.2	

Manual Integrations
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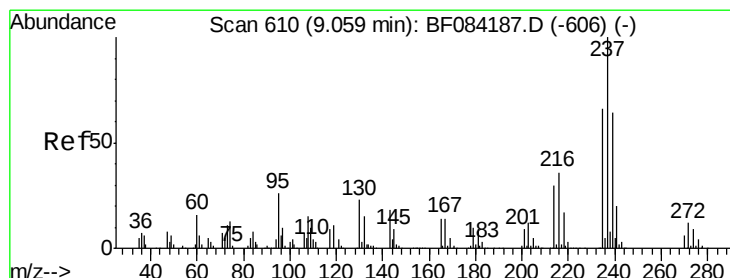
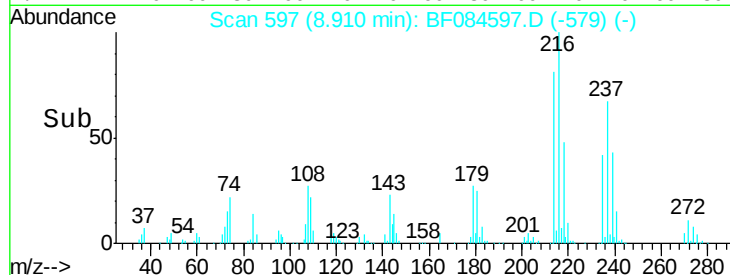
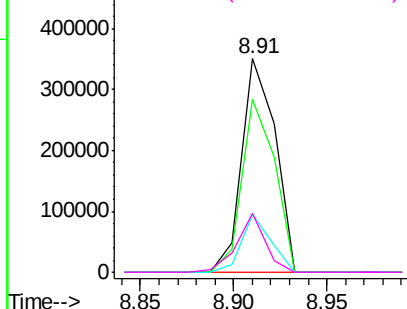
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.36 ng

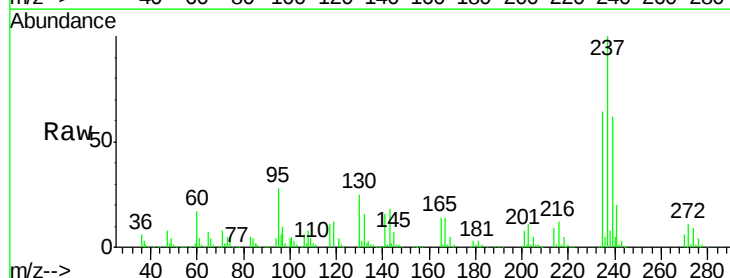
RT: 8.90 min Scan# 596

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		470658		
235	63.8		43.1	83.1	
272	11.2		0.0	35.1	

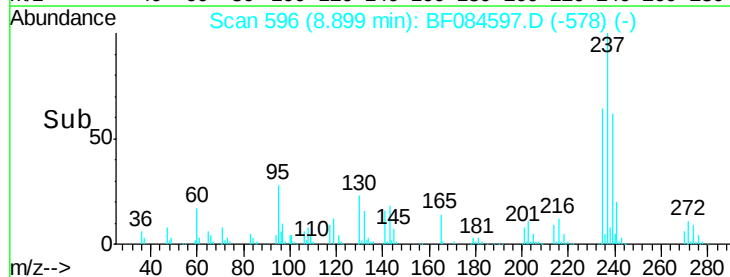
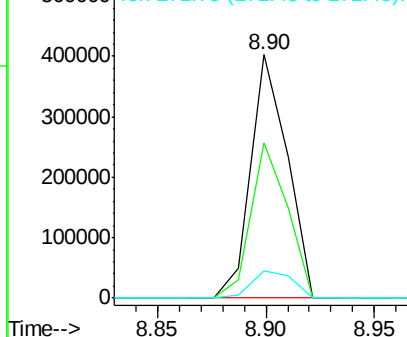


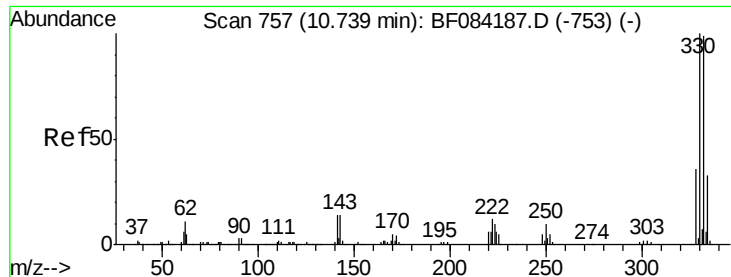
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





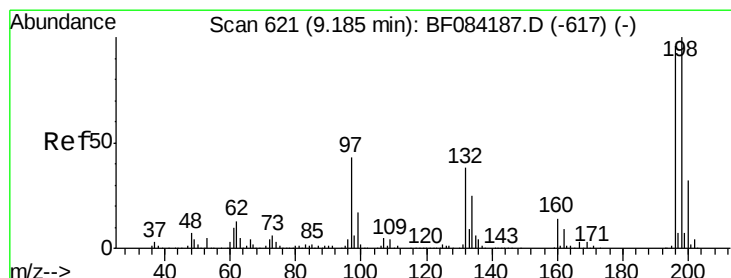
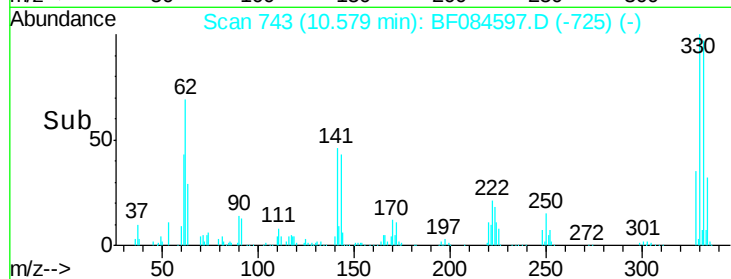
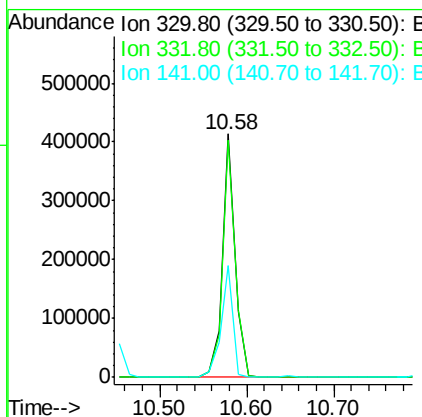
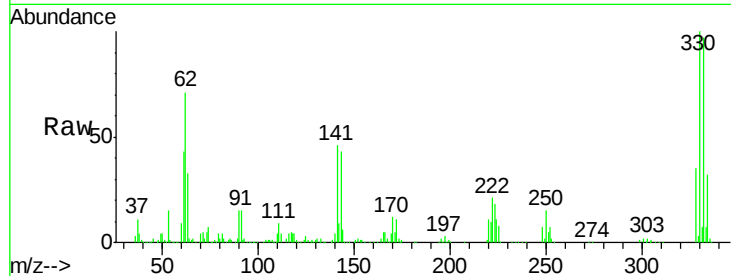
#41
 2,4,6-Tribromophenol
 Concen: 110.13 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	428539		
332	97.8	76.6	114.8	
141	42.6	27.8	41.6#	

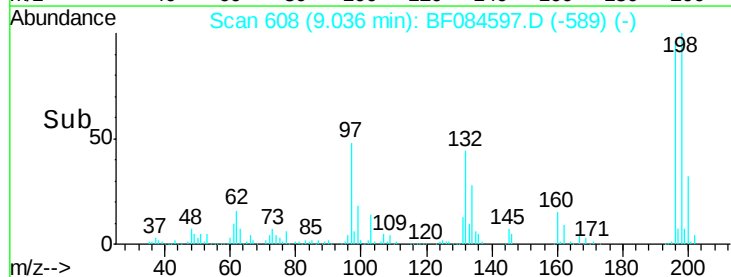
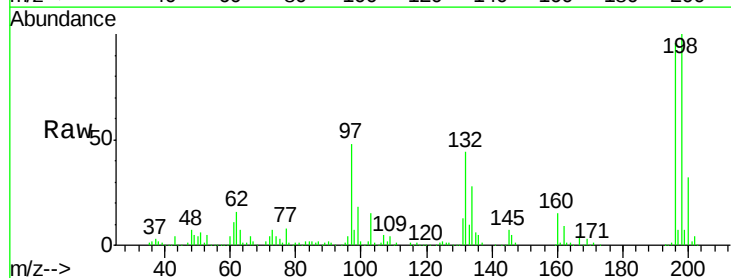
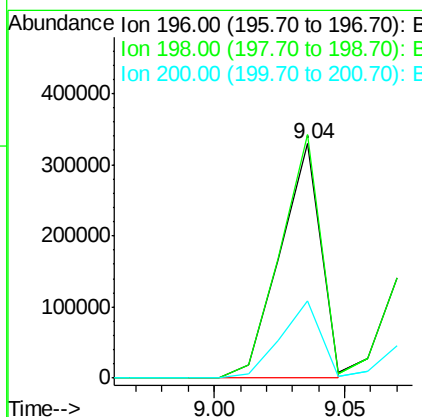
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 43.09 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	357184		
198	103.8	77.7	116.5	
200	33.0	24.6	37.0	





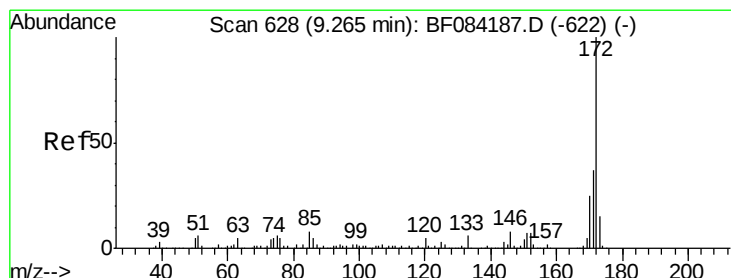
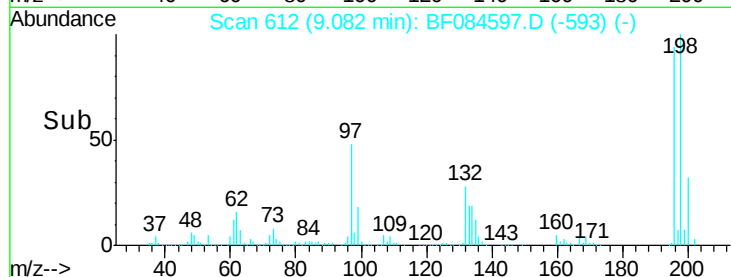
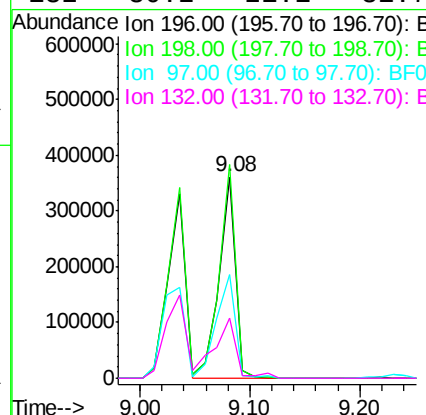
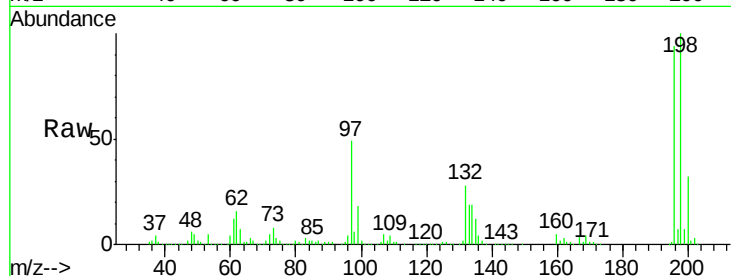
#43
 2,4,5-Trichlorophenol
 Concen: 47.35 ng/ml
 RT: 9.08 min Scan# 612
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	106.3	79.0	118.6	
97	51.6	33.0	49.6	
132	30.2	21.1	31.7	

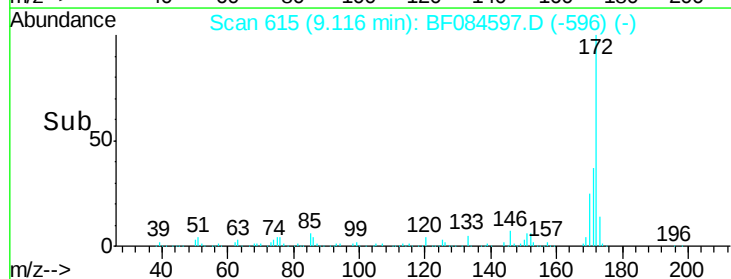
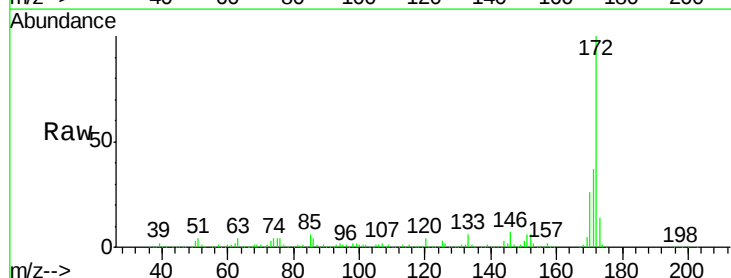
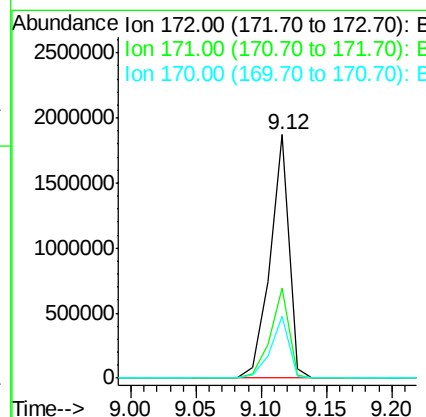
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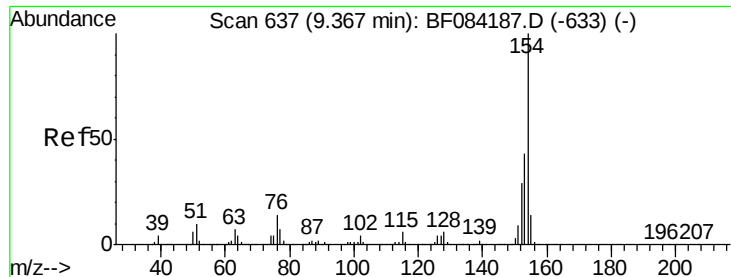
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#44
 2-Fluorobiphenyl
 Concen: 86.91 ng/ml
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	28.9	43.3	
170	25.5	18.6	27.8	





#45

1,1'-Biphenyl

Concen: 45.51 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:154 Resp: 1394082

Ion Ratio Lower Upper

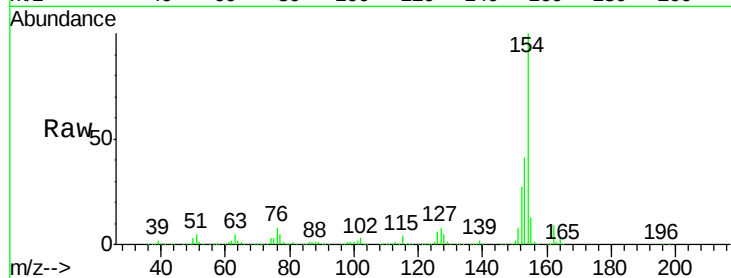
154 100

153 40.8 21.6 61.6

76 7.7 0.0 32.7

Manual Integrations
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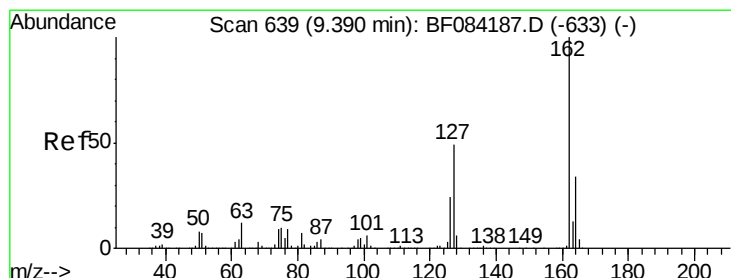
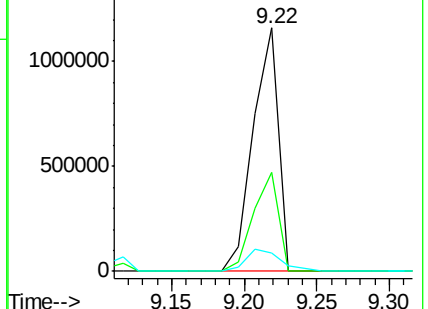
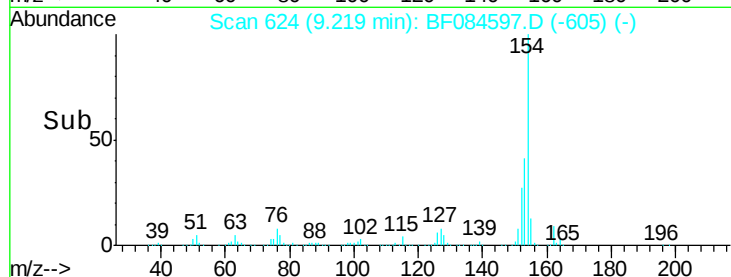
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.73 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

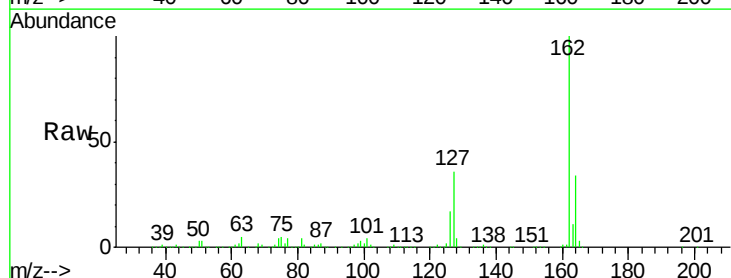
Tgt Ion:162 Resp: 1052315

Ion Ratio Lower Upper

162 100

127 36.5 40.2 60.4#

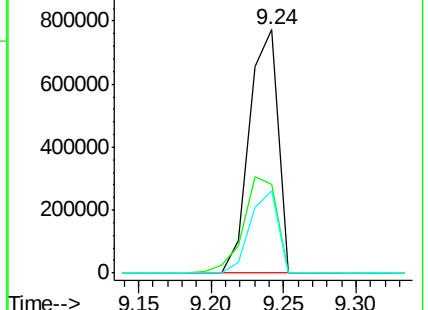
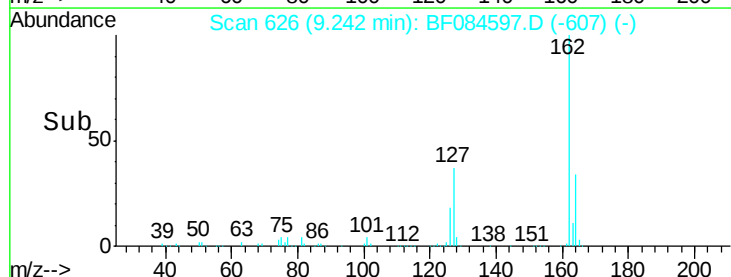
164 33.9 25.7 38.5

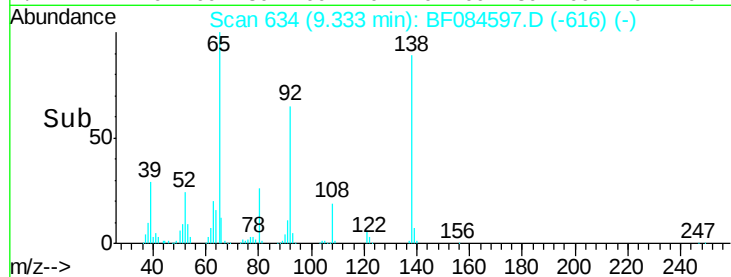
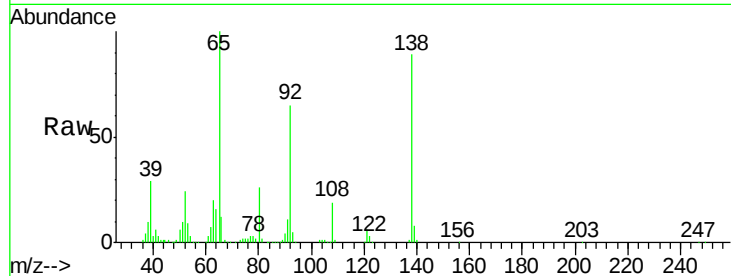
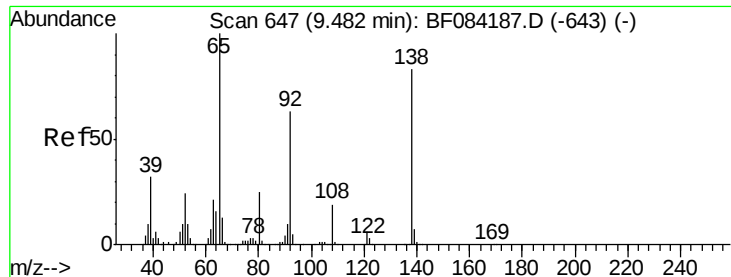


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.46 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tot Ion:	65	Resp:	345120
Ion Ratio	Lower	Upper	
65	100		
92	64.5	53.4	80.2
138	88.8	71.1	106.7

Instrument :

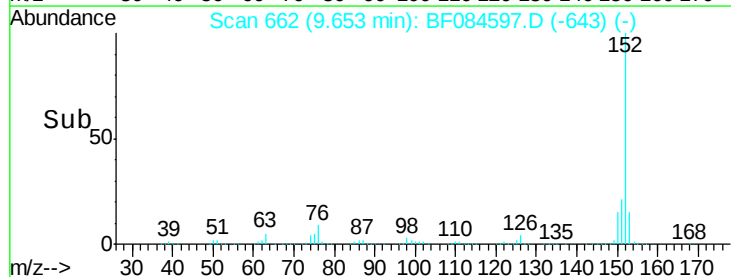
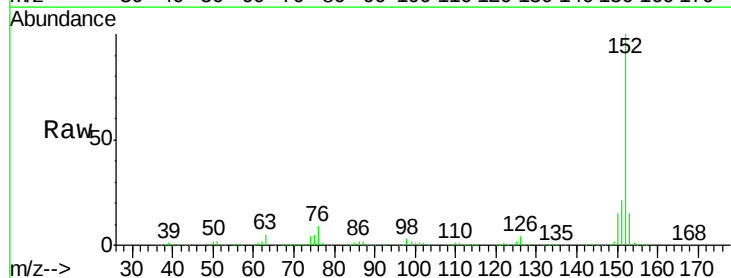
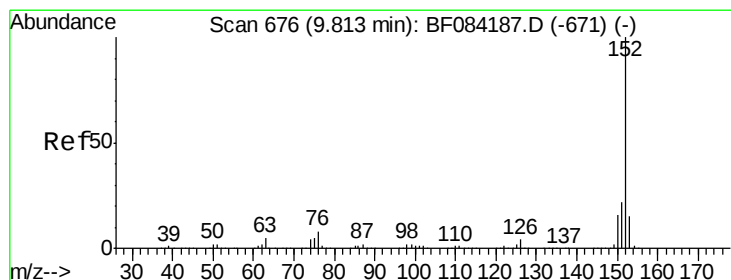
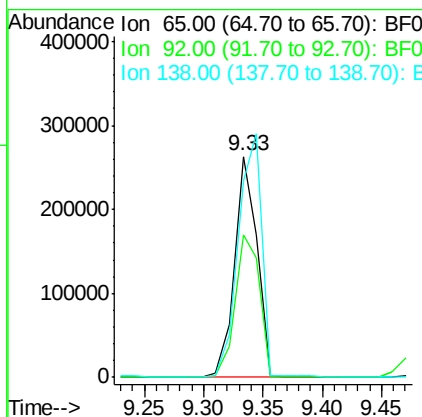
BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

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#48

Acenaphthylene

Concen: 46.99 ng

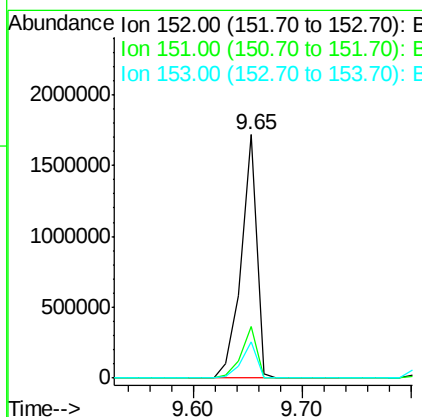
RT: 9.65 min Scan# 662

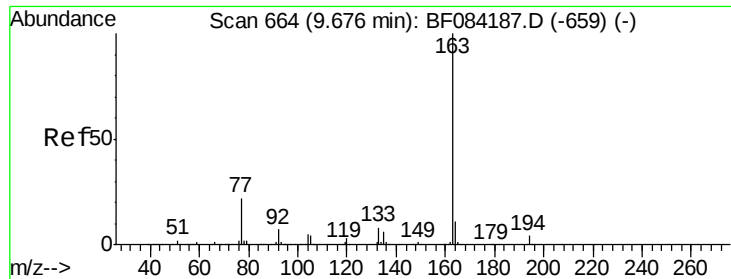
Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	152	Resp:	1670535
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	14.9	10.4	15.6





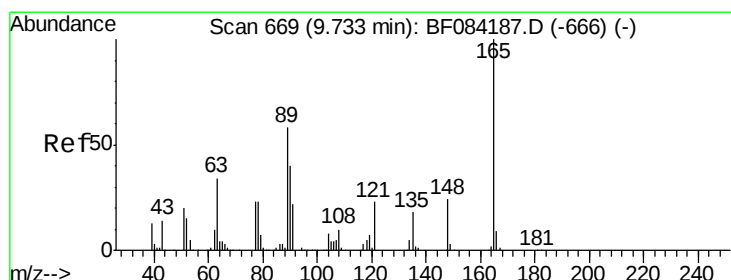
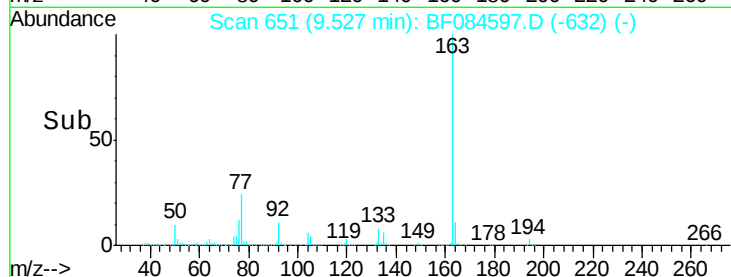
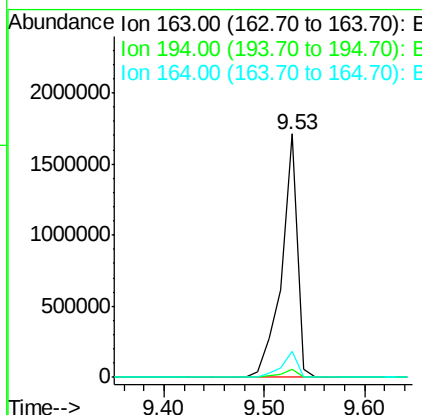
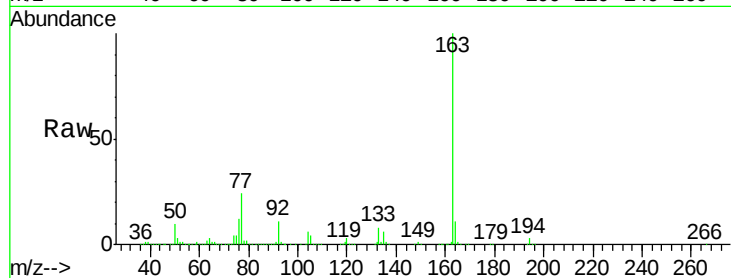
#49
Dimethylphthalate
Concen: 67.21 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	1851859		
194	3.3	8.0	12.0#	
164	10.7	8.0	12.0	

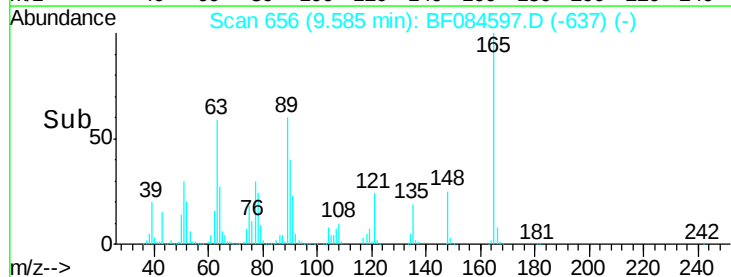
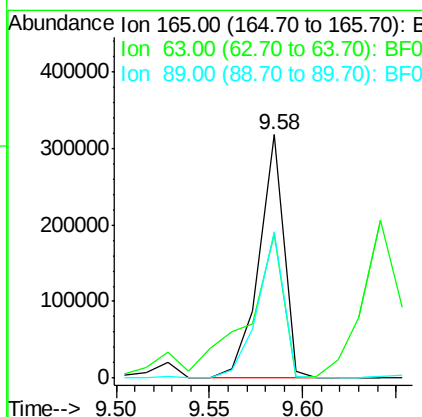
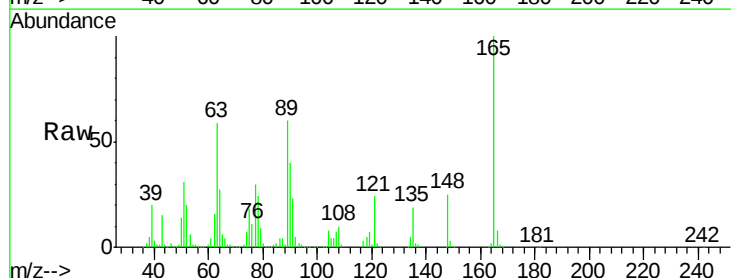
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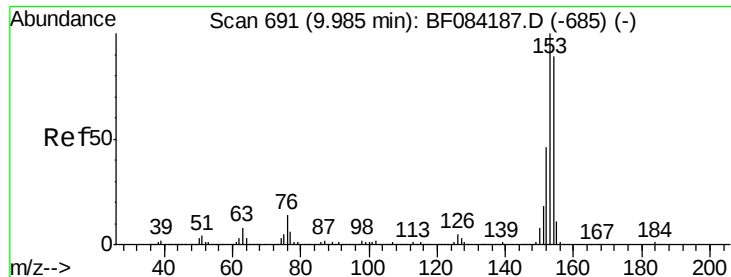
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#50
2,6-Dinitrotoluene
Concen: 48.40 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	292491		
63	59.2	28.8	43.2#	
89	60.1	35.1	52.7#	





#51

Acenaphthene

Concen: 45.19 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:154 Resp: 1077505

Ion Ratio Lower Upper

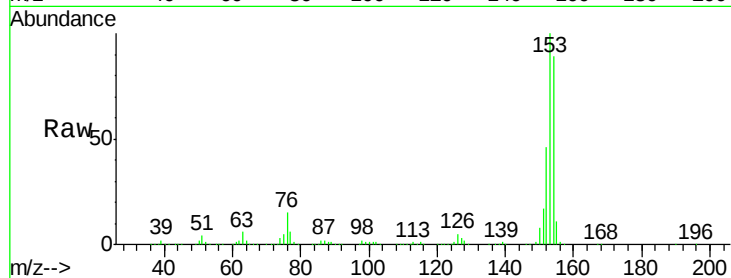
154 100

153 111.9 91.5 137.3

152 51.2 43.0 64.6

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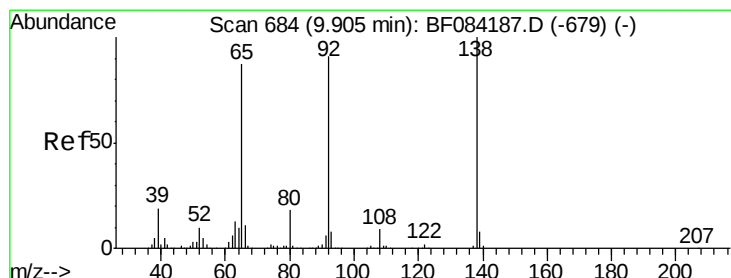
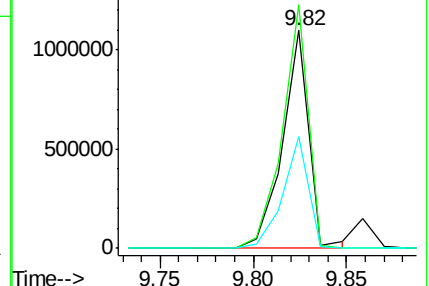
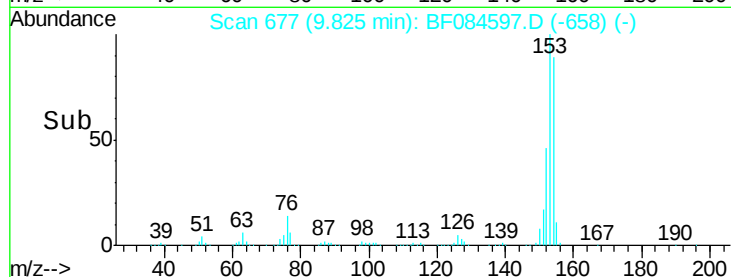
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.97 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

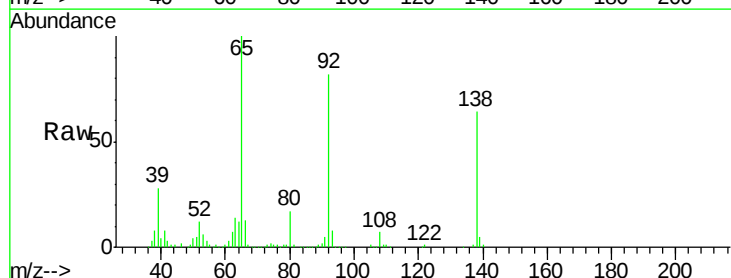
Tgt Ion:138 Resp: 194491

Ion Ratio Lower Upper

138 100

108 11.5 10.5 15.7

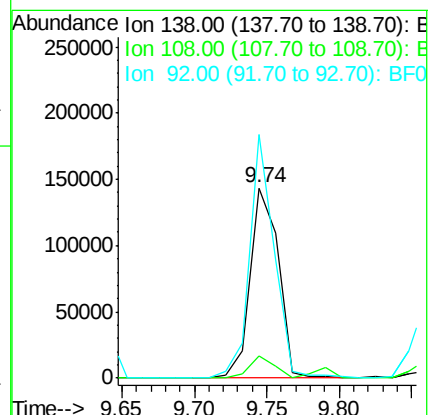
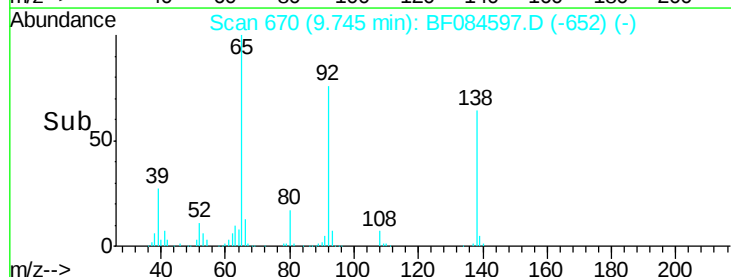
92 128.1 103.9 155.9



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





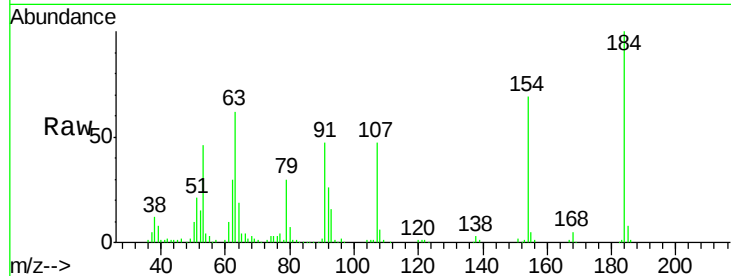
#53
2,4-Dinitrophenol
Concen: 76.76 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

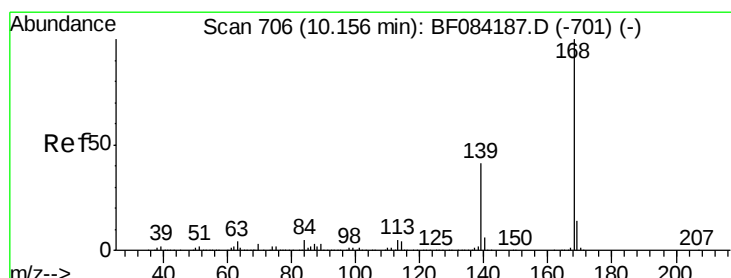
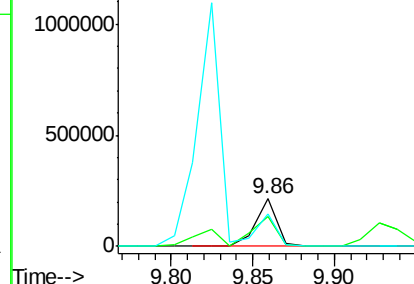
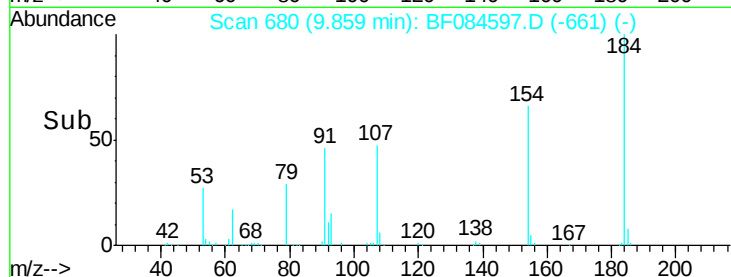
Tot Ion	Ratio	Resp	Lower	Upper
184	100	197232		
63	62.0	43.1	64.7	
154	68.8	60.5	90.7	

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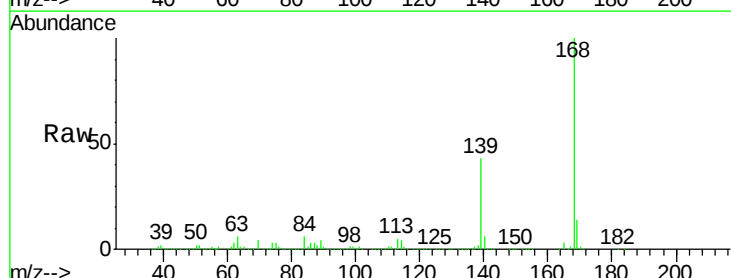


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

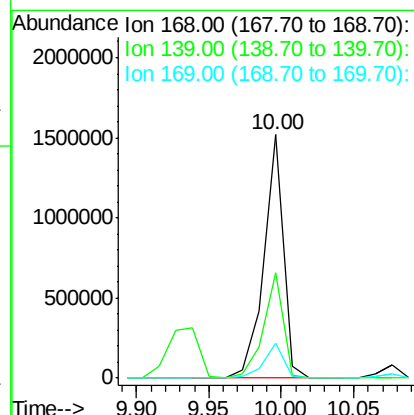
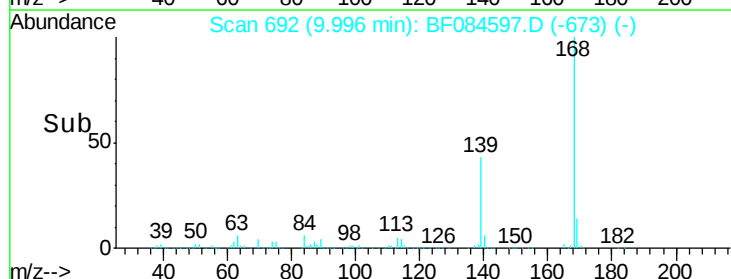


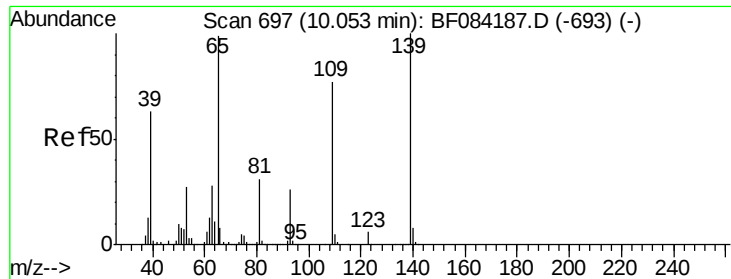
#54
Dibenzofuran
Concen: 45.92 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1416421		
139	43.1	30.5	45.7	
169	14.2	10.4	15.6	



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





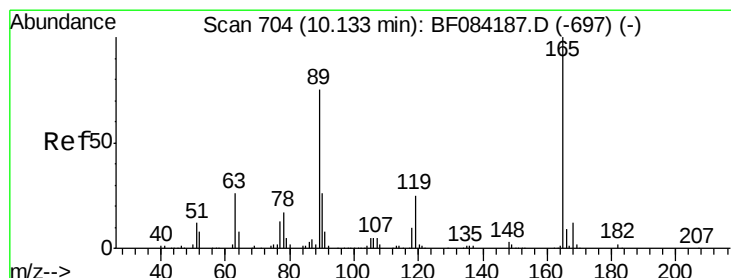
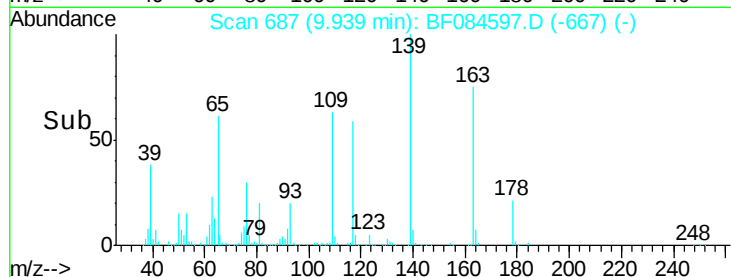
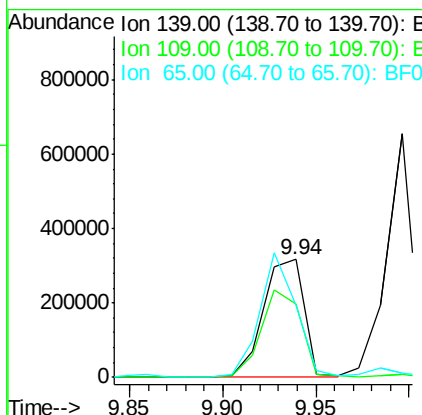
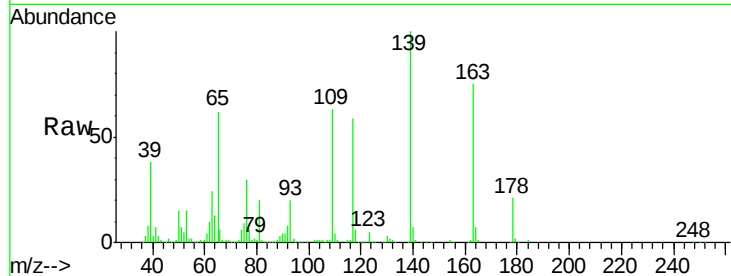
#55
4-Nitrophenol
Concen: 88.74 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.5	58.5	98.5	
65	61.7	57.6	97.6	

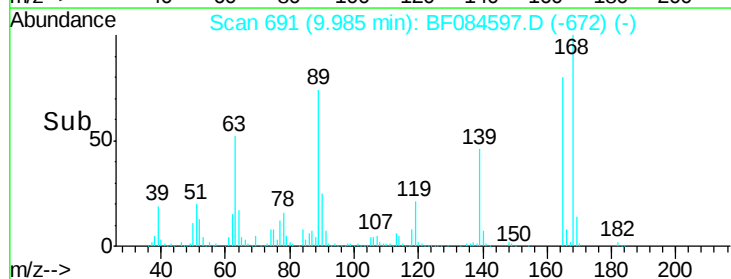
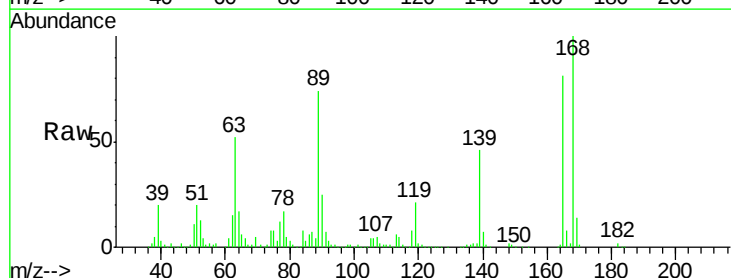
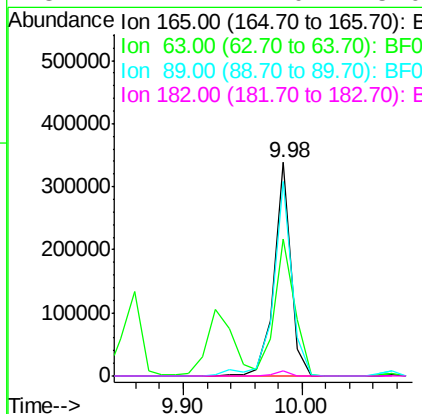
Manual Integrations
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#56
2,4-Dinitrotoluene
Concen: 43.25 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.0	36.7	55.1#	
89	91.2	61.9	92.9	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 48.10 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:166 Resp: 1144814

Ion Ratio Lower Upper

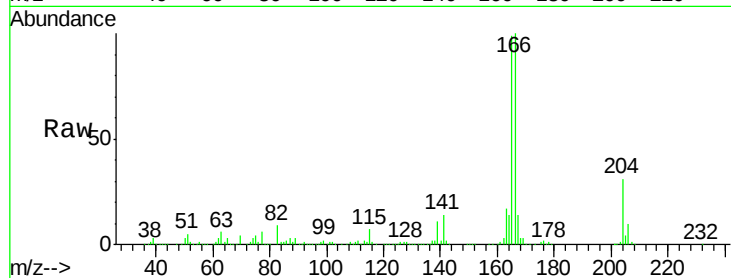
166 100

165 99.2 79.1 118.7

167 13.6 10.4 15.6

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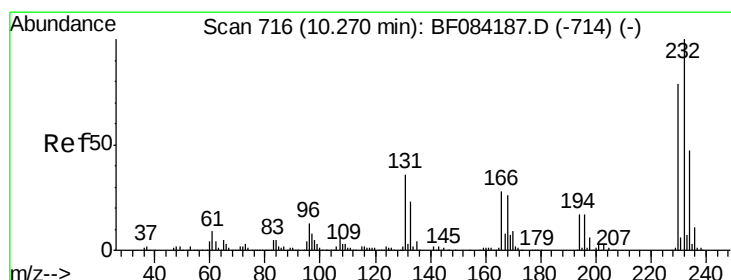
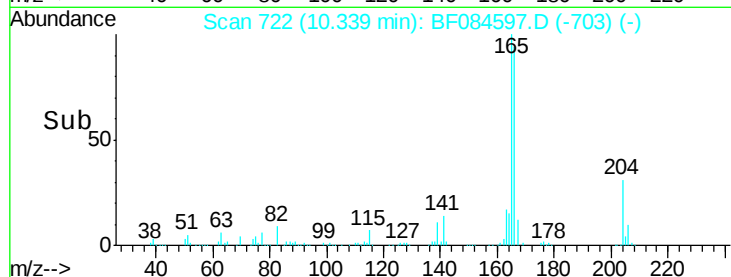
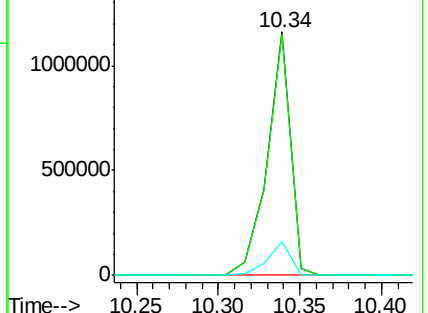


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.31 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:232 Resp: 307423

Ion Ratio Lower Upper

232 100

131 49.1 47.0 70.6

130 2.2 2.0 3.0

166 32.3 30.5 45.7

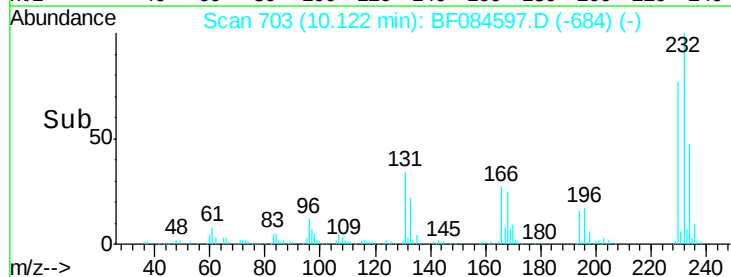
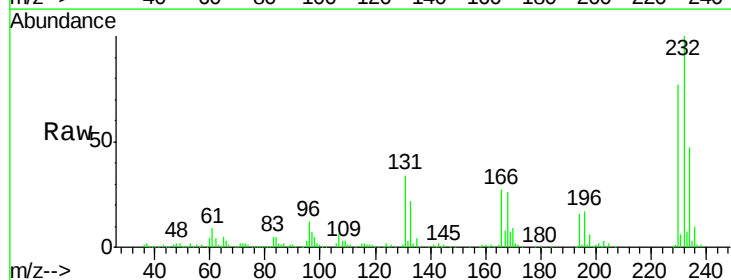
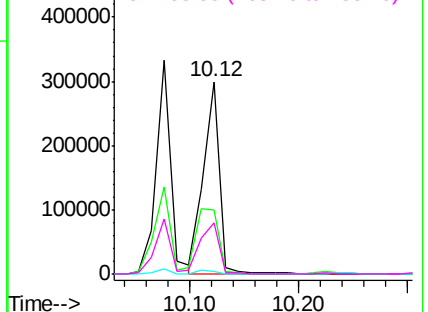
Abundance

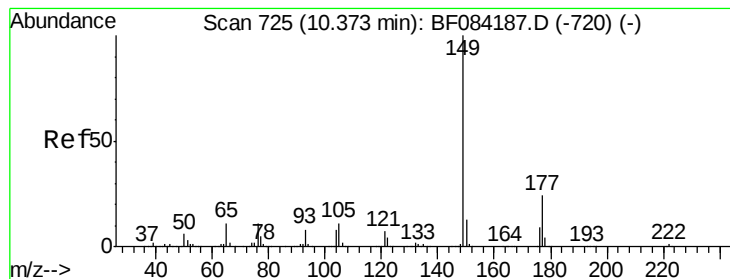
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.48 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:149 Resp: 1235696

Ion Ratio Lower Upper

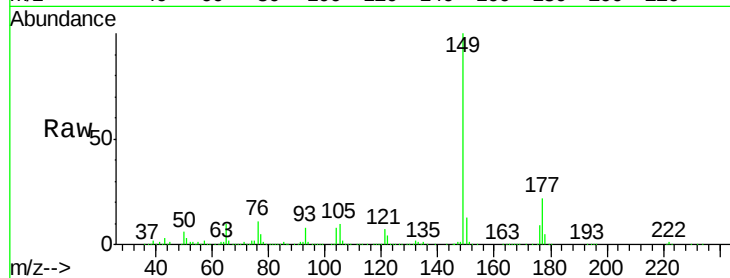
149 100

177 22.3 17.3 25.9

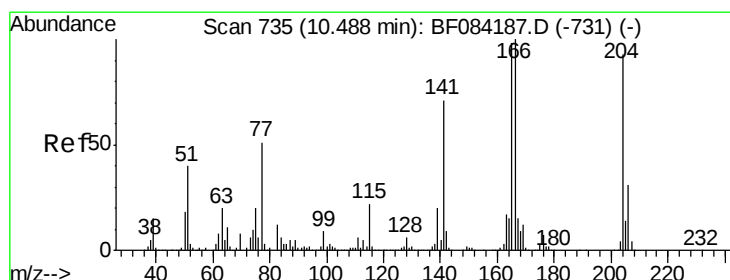
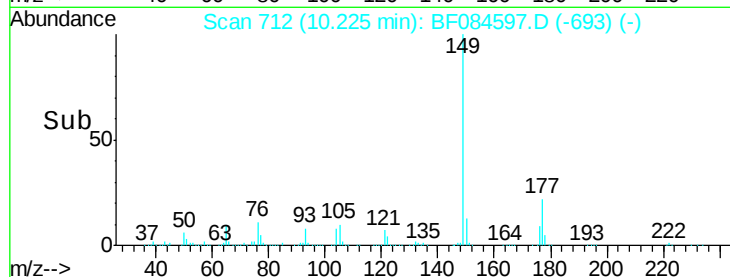
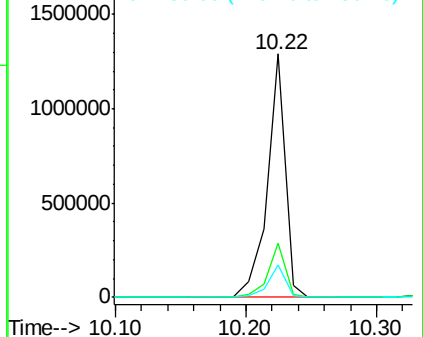
150 13.3 9.8 14.8

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



#60

4-Chlorophenyl-phenylether

Concen: 49.33 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

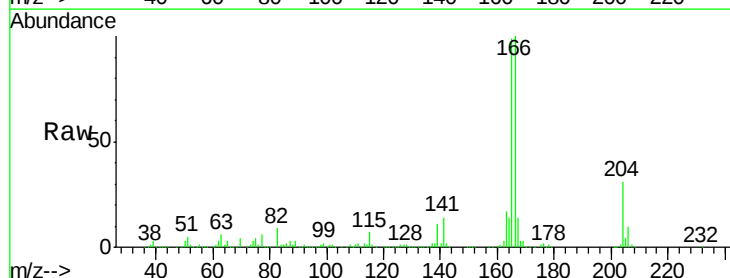
Tgt Ion:204 Resp: 489384

Ion Ratio Lower Upper

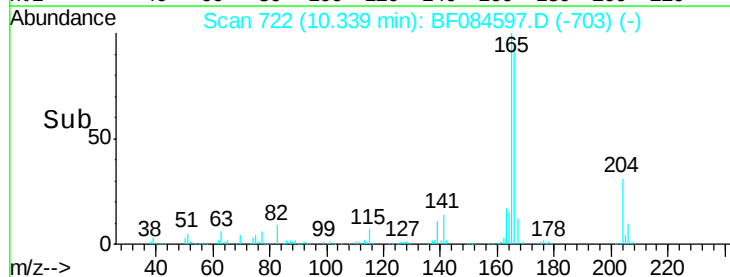
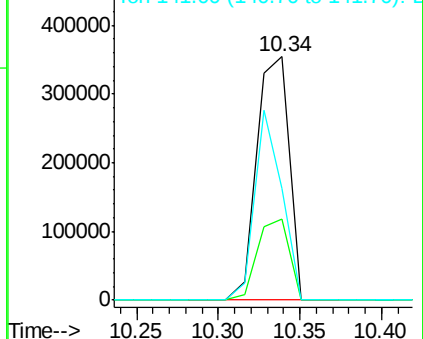
204 100

206 33.2 25.7 38.5

141 45.8 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.89 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

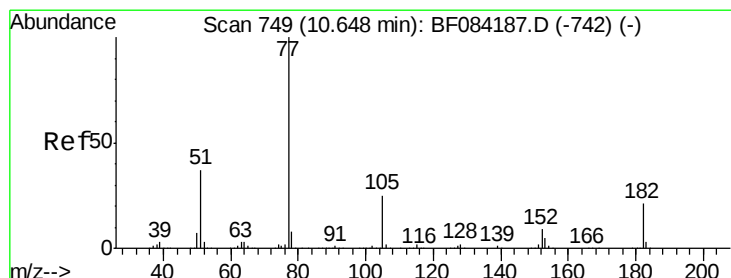
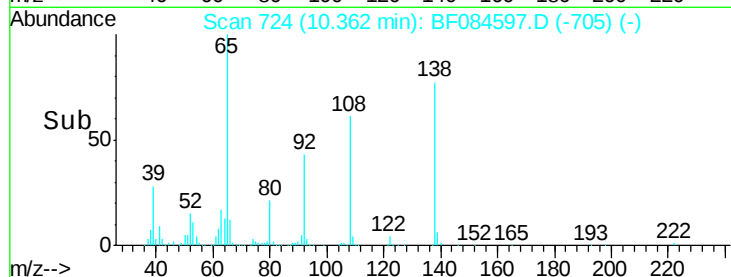
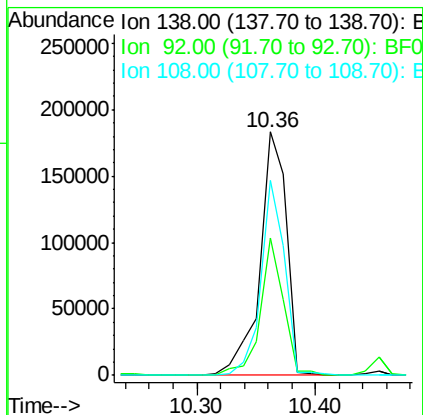
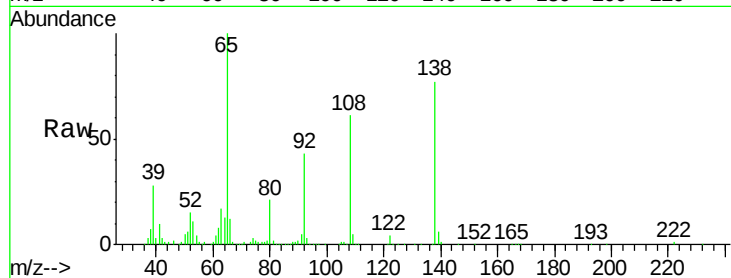
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:	138	Resp:	286274
Ion Ratio	Lower	Upper	
138	100		
92	56.3	32.6	72.6
108	80.0	68.6	108.6

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#62

Azobenzene

Concen: 41.21 ng

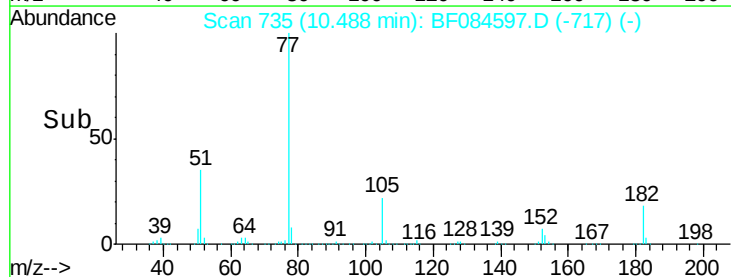
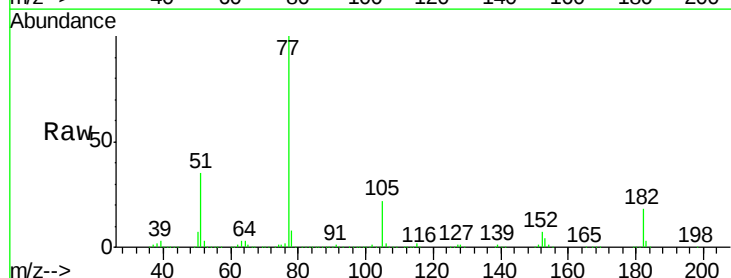
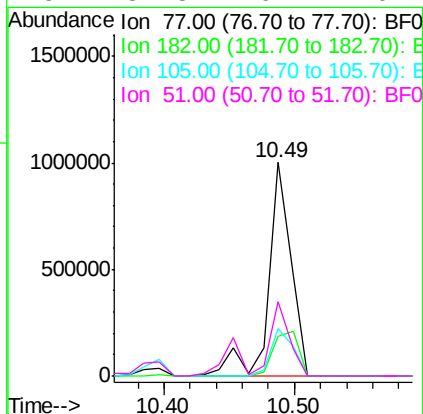
RT: 10.49 min Scan# 735

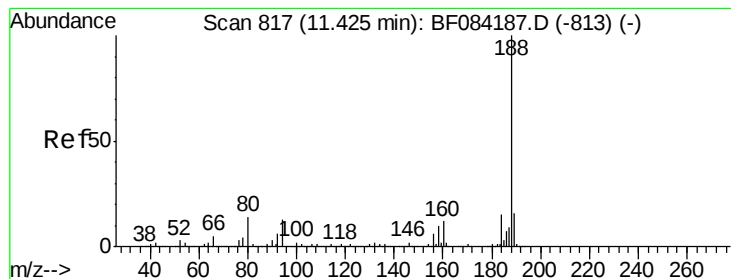
Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	77	Resp:	1228071
Ion Ratio	Lower	Upper	
77	100		
182	18.3	8.3	48.3
105	22.3	4.6	44.6
51	34.8	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

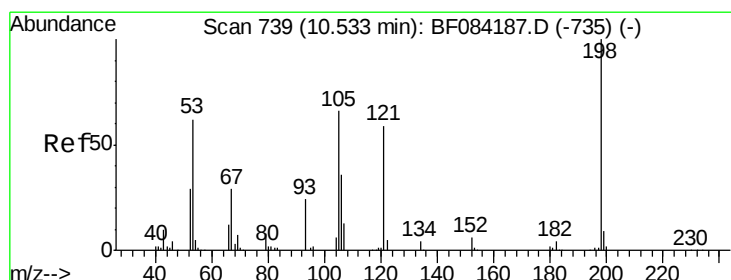
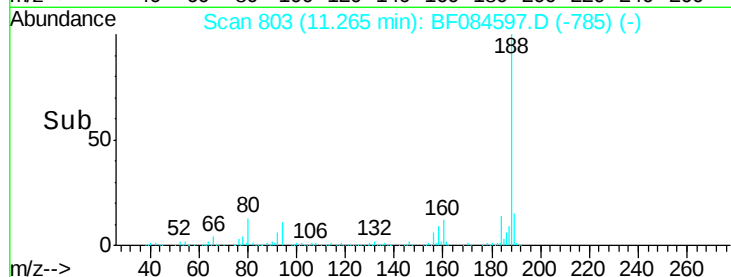
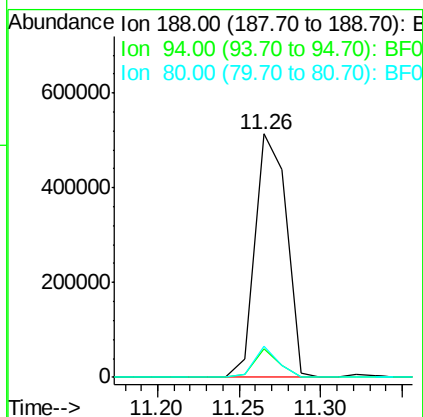
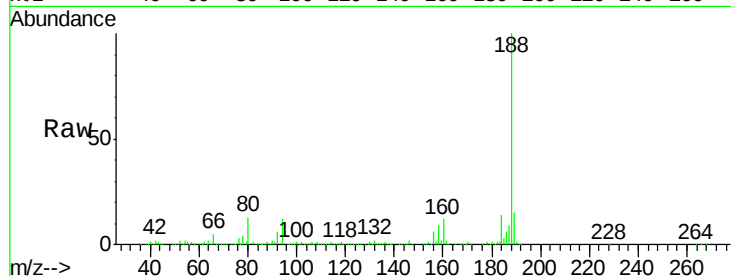
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:	188	Resp:	685459
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.0	13.4
80	12.7	9.6	14.4

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#64

4,6-Dinitro-2-methylphenol

Concen: 46.84 ng

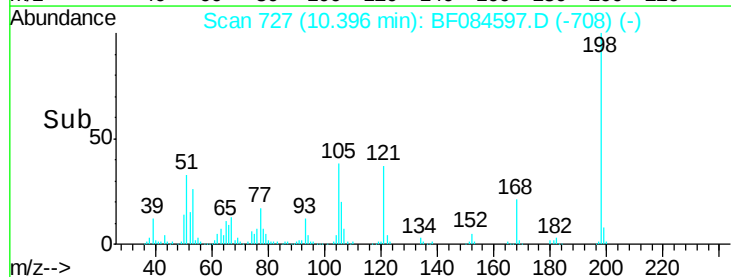
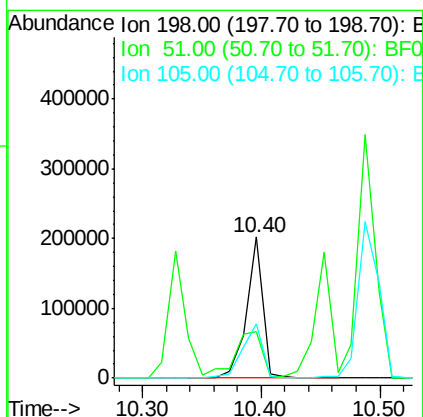
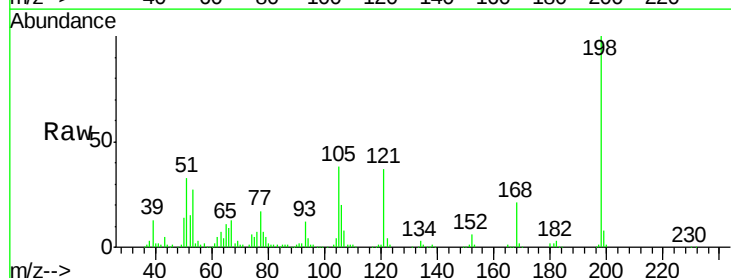
RT: 10.40 min Scan# 727

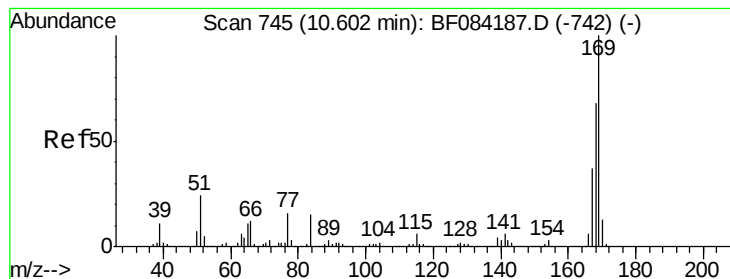
Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	198	Resp:	194872
Ion Ratio	Lower	Upper	
198	100		
51	33.1	18.9	58.9
105	38.3	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.34 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

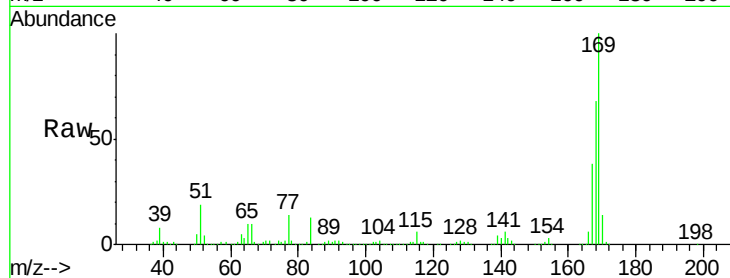
ClientSampleId :

P001-SS015-7278-01MSD

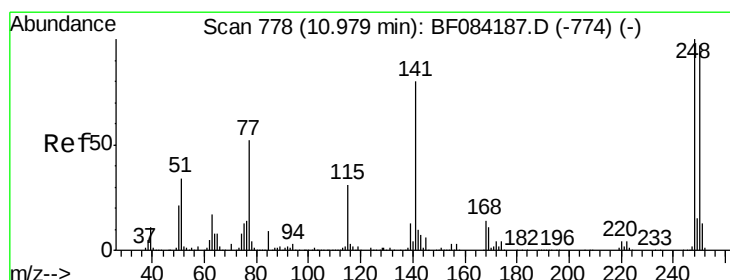
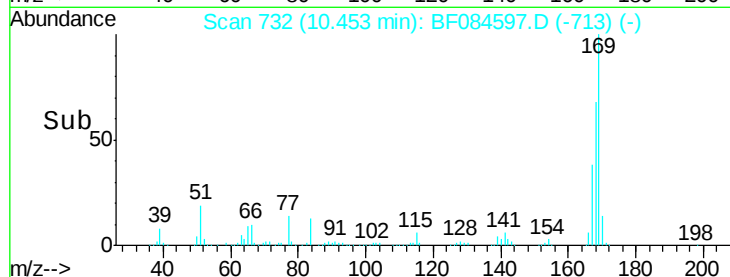
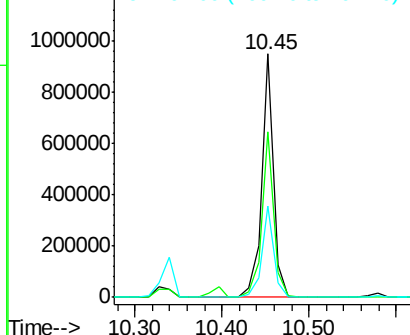
Tot Ion:	169	Resp:	906033
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.1	82.7
167	37.7	30.0	45.0

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



#66

4-Bromophenyl-phenylether

Concen: 43.00 ng

RT: 10.82 min Scan# 764

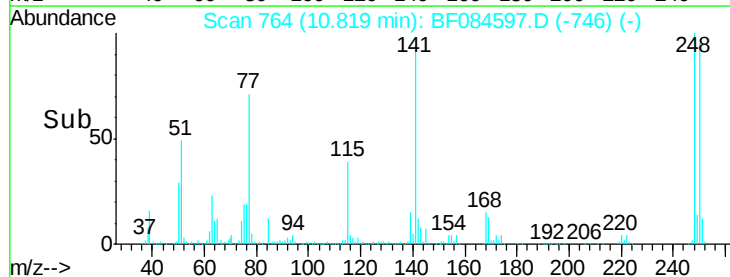
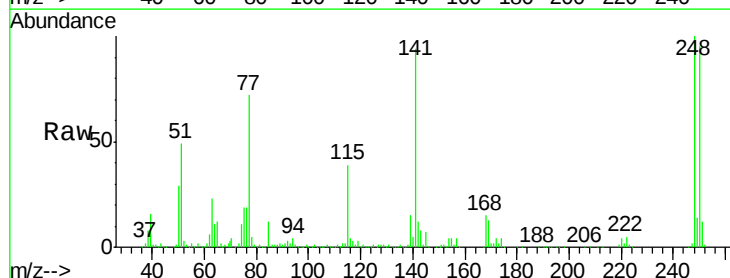
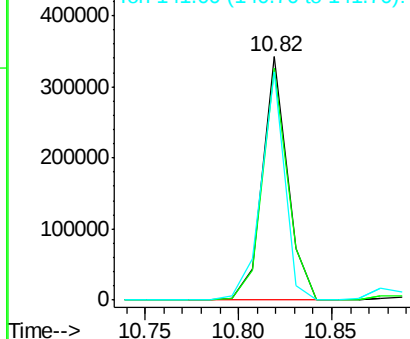
Delta R.T. -0.09 min

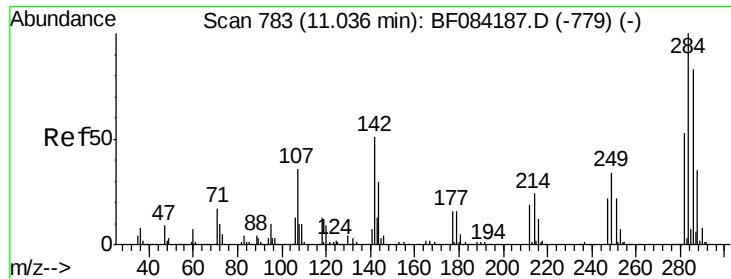
Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	248	Resp:	317215
Ion Ratio	Lower	Upper	
248	100		
250	95.4	78.4	117.6
141	93.8	44.0	66.0#

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





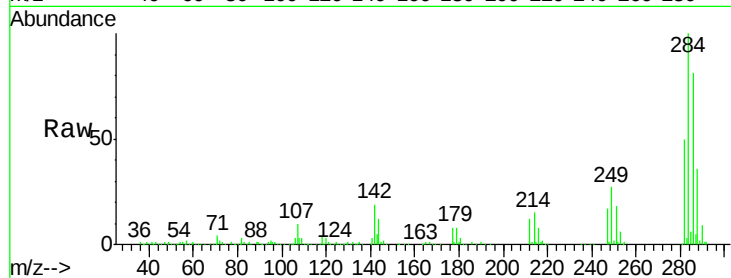
#67
Hexachlorobenzene
Concen: 46.43 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

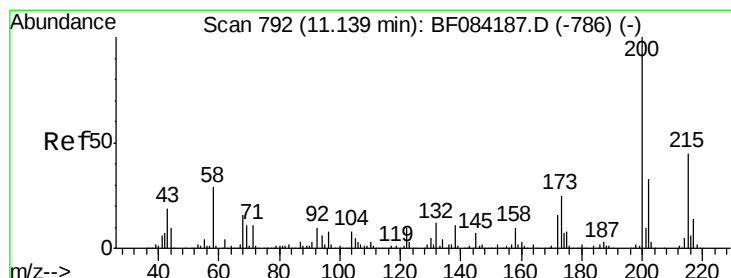
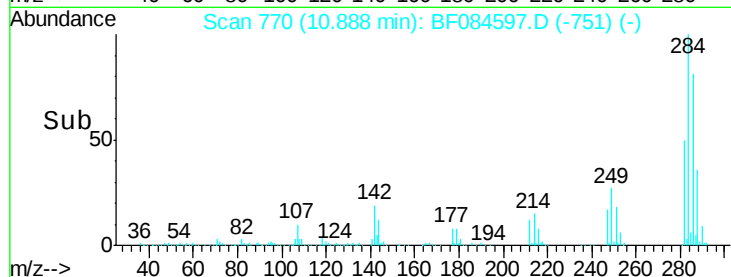
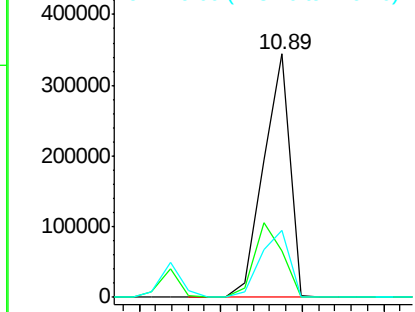
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	19.2	22.2	33.4#
249	27.3	24.6	37.0

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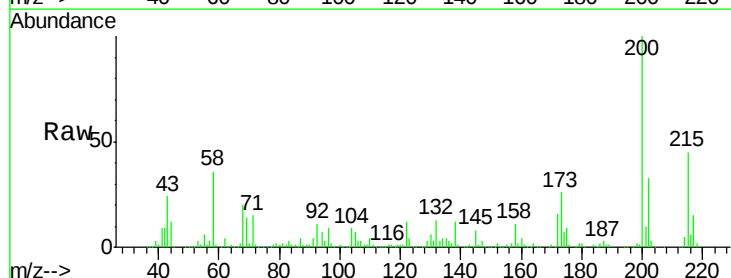


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

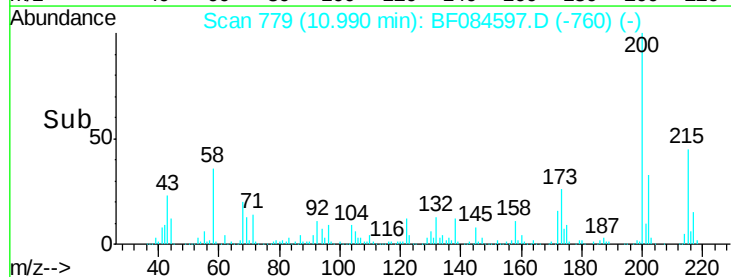
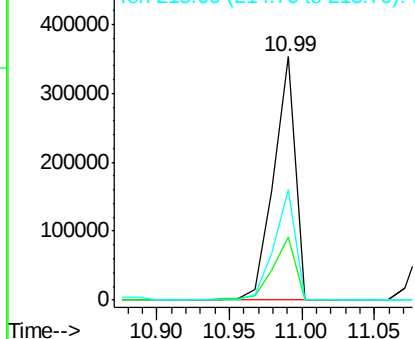


#68
Atrazine
Concen: 51.00 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.08 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.9	9.5	49.5
215	45.5	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





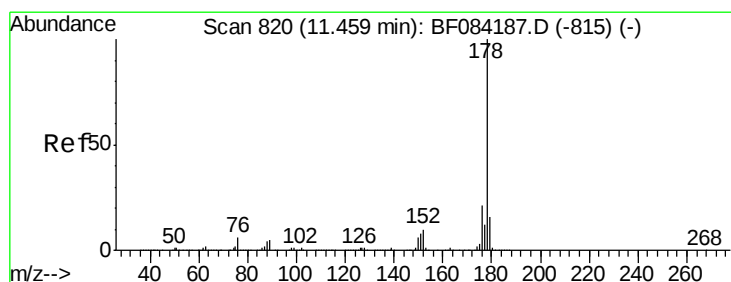
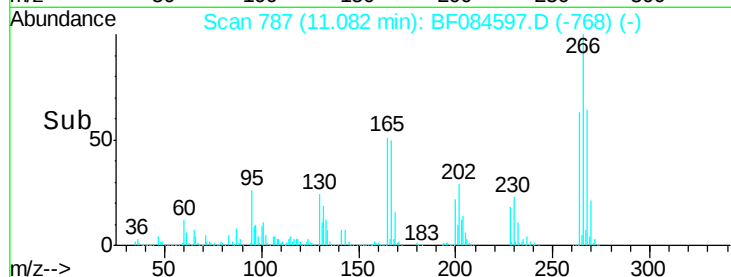
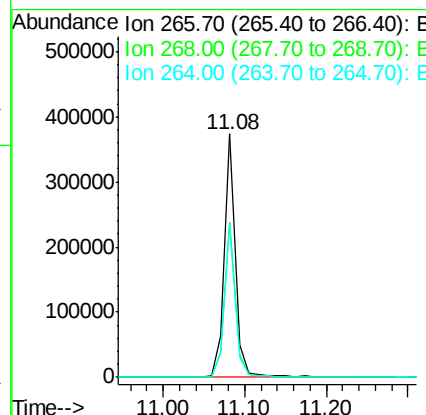
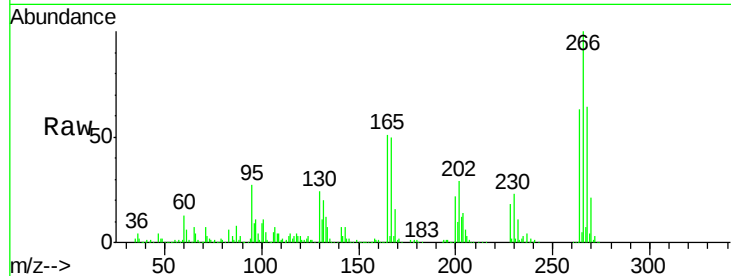
#69
 Pentachlorophenol
 Concen: 82.00 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleID :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	353080		
268	63.6	52.4	78.6	
264	63.0	50.2	75.2	

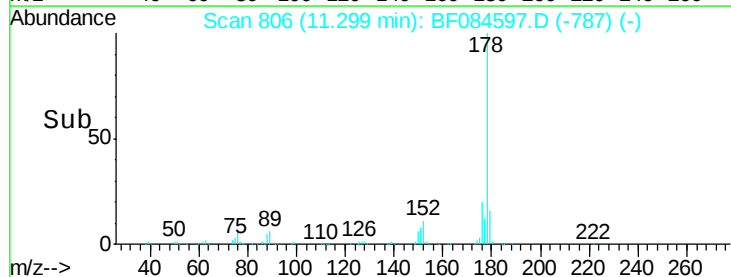
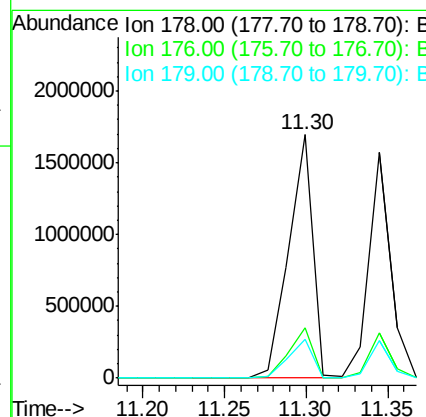
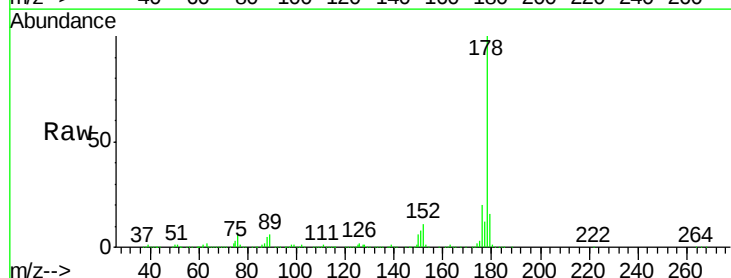
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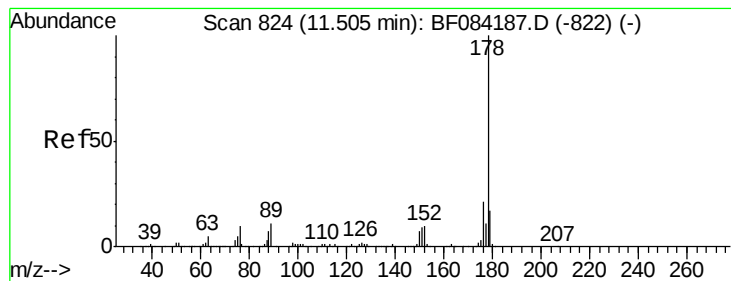
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#70
 Phenanthrene
 Concen: 49.03 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1758119		
176	20.4	15.3	22.9	
179	16.0	12.0	18.0	





#71
 Anthracene
 Concen: 41.89 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

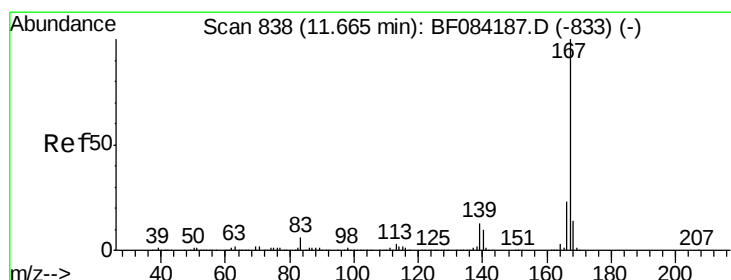
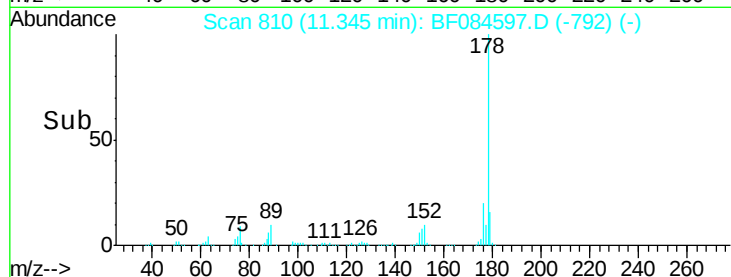
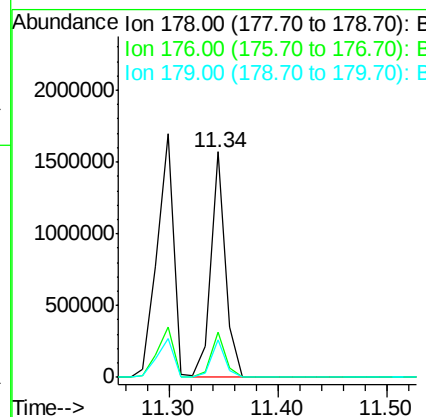
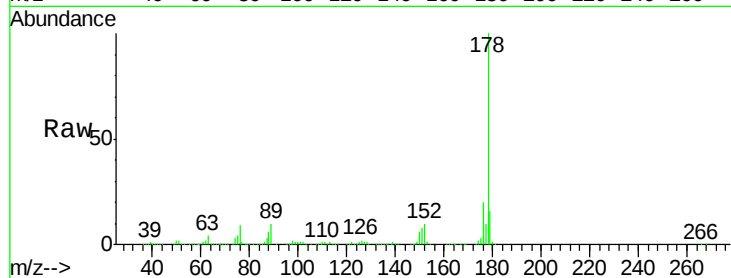
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion:178 Resp: 1472434

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.4	23.0
179	16.5	12.5	18.7

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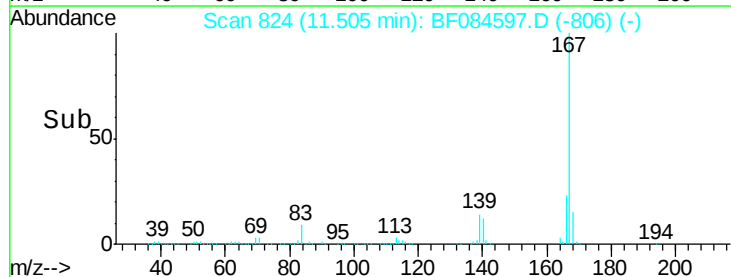
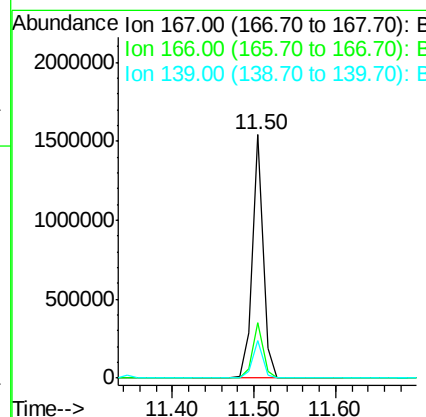
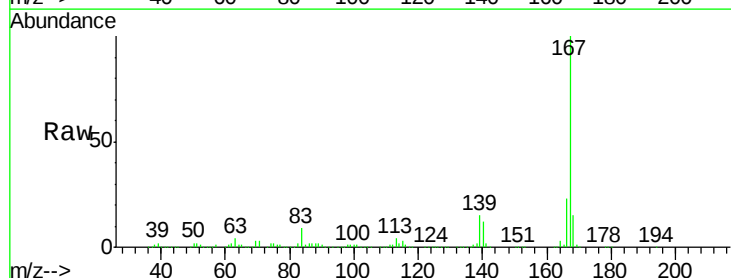
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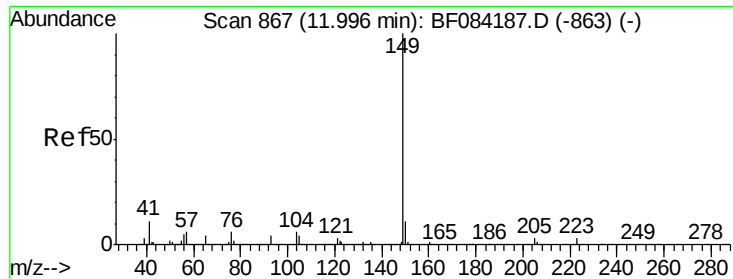


#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion:167 Resp: 1404768

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	15.4	11.8	17.8





#73

Di-n-butylphthalate

Concen: 53.83 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:149 Resp: 1872385

Ion Ratio Lower Upper

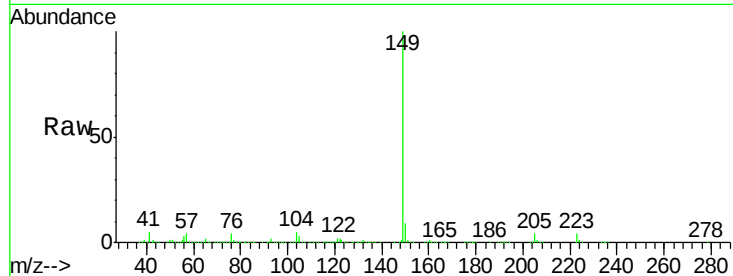
149 100

150 9.5 7.1 10.7

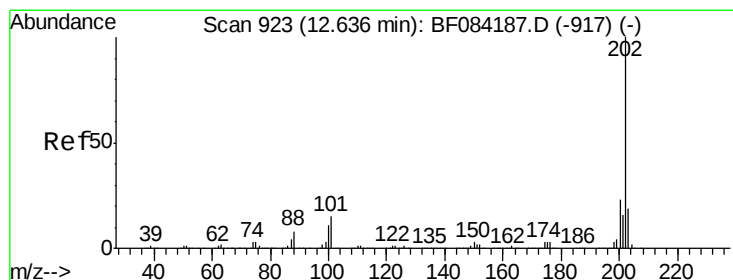
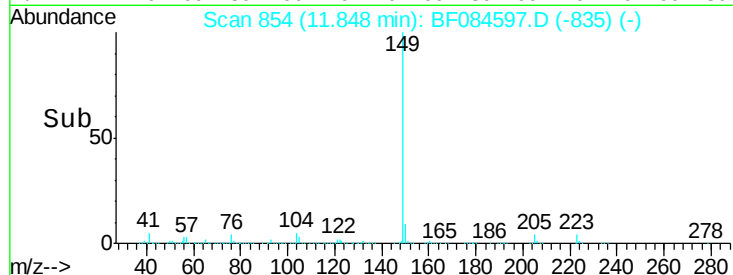
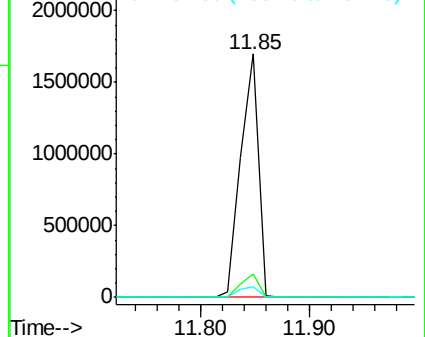
104 4.6 3.2 4.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.25 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

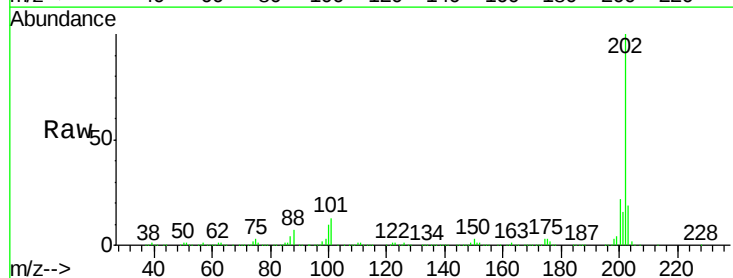
Tgt Ion:202 Resp: 1545191

Ion Ratio Lower Upper

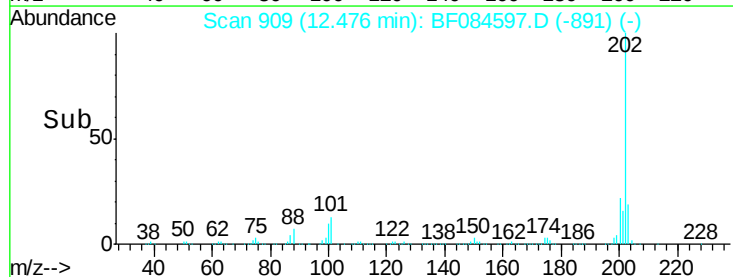
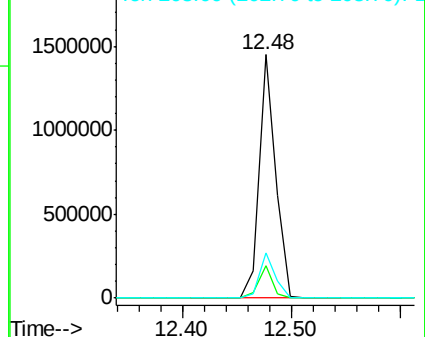
202 100

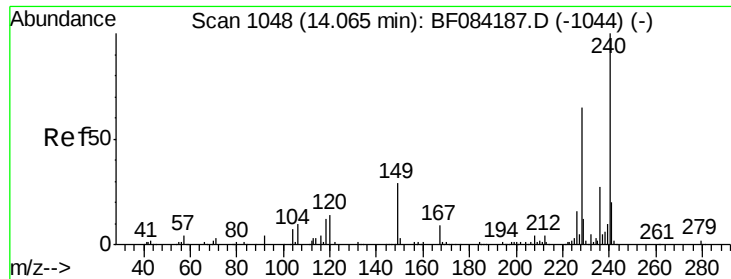
101 13.2 0.0 32.8

203 18.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

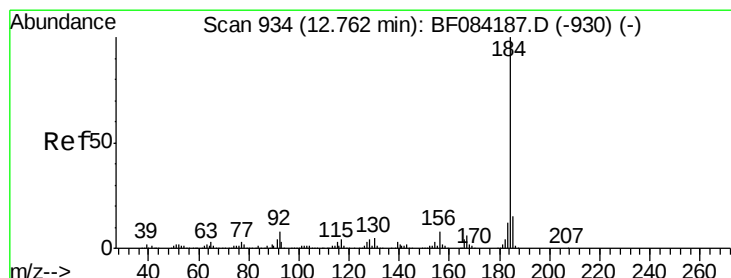
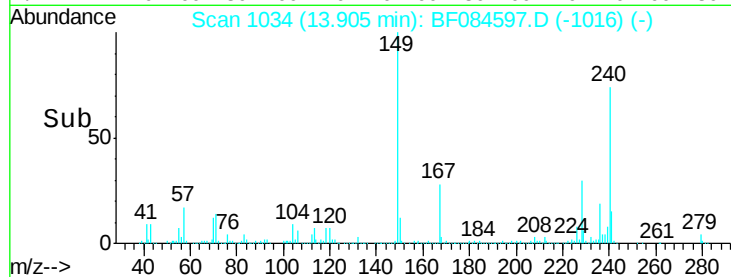
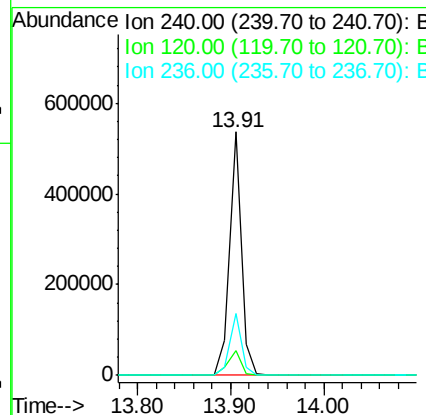
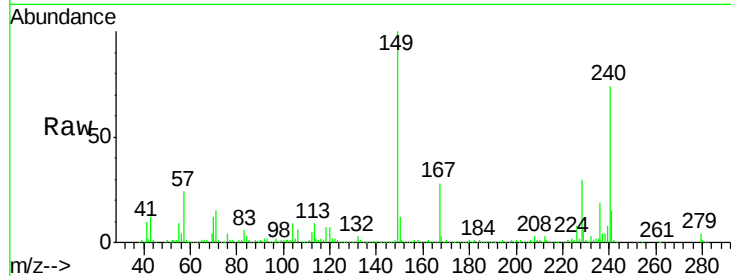
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:	240	Resp:	477170
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.5	20.6	31.0

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#76

Benzidine

Concen: 8.84 ng

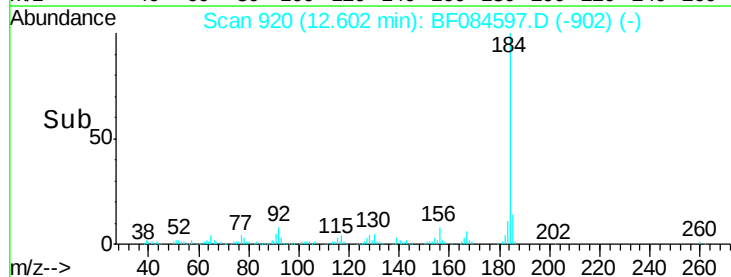
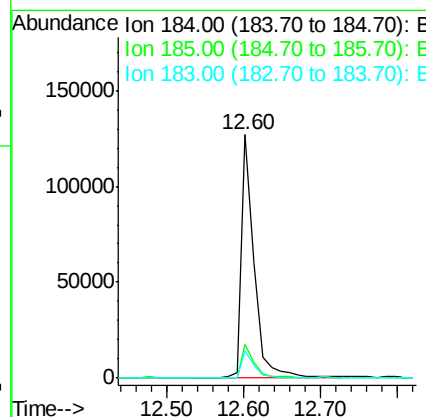
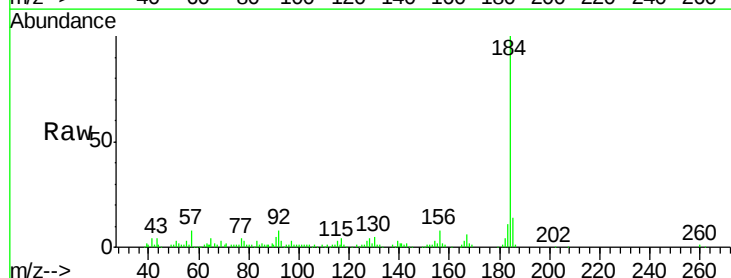
RT: 12.60 min Scan# 920

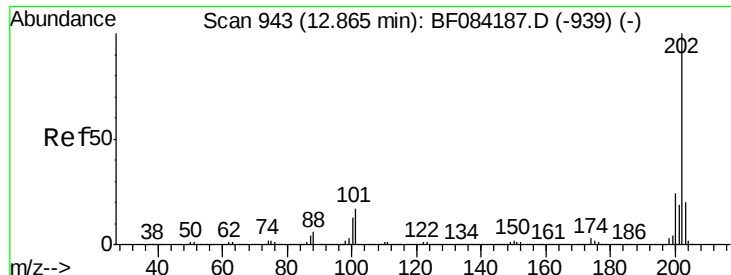
Delta R.T. -0.09 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	184	Resp:	151214
Ion Ratio	Lower	Upper	
184	100		
185	13.6	12.2	18.2
183	11.4	9.8	14.8





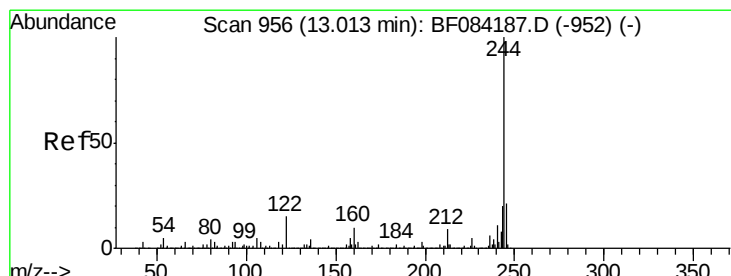
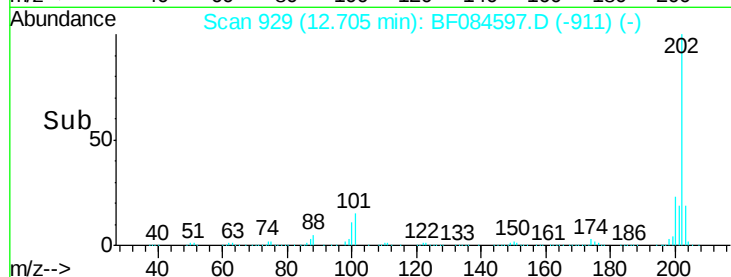
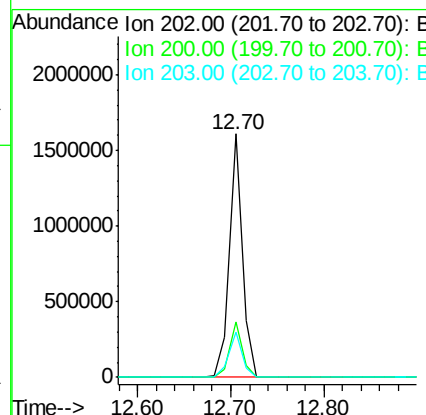
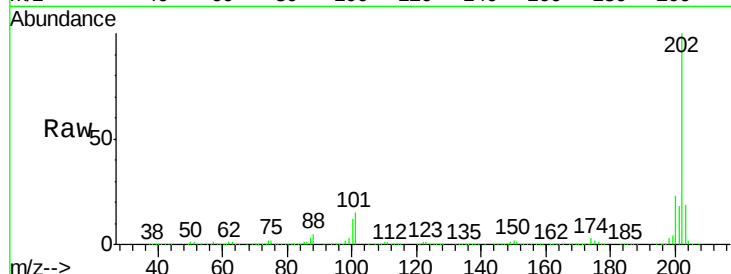
#77
Pvrene
Concen: 41.53 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

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

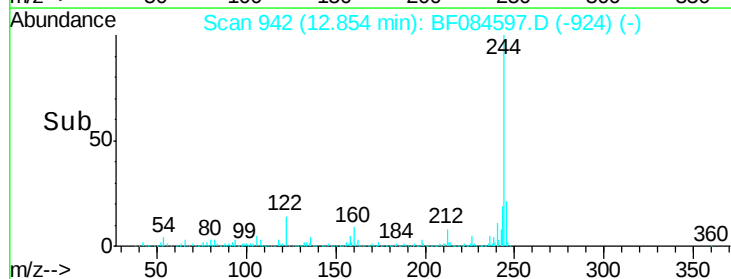
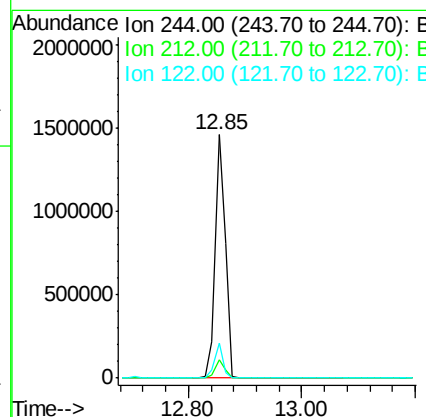
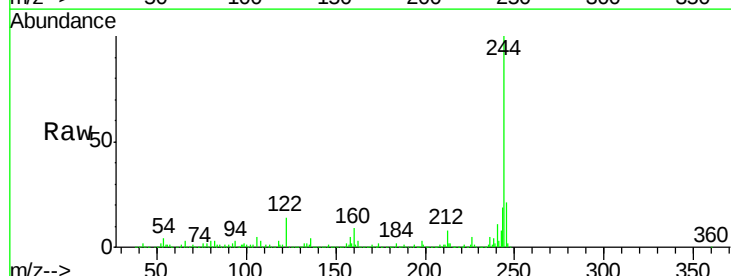
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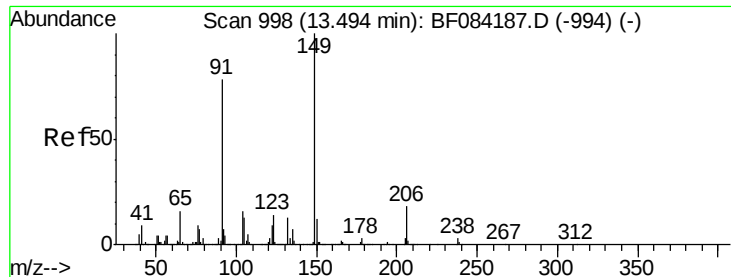
mohammad
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#78
Terphenyl-d14
Concen: 80.60 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	14.3	7.4	11.0





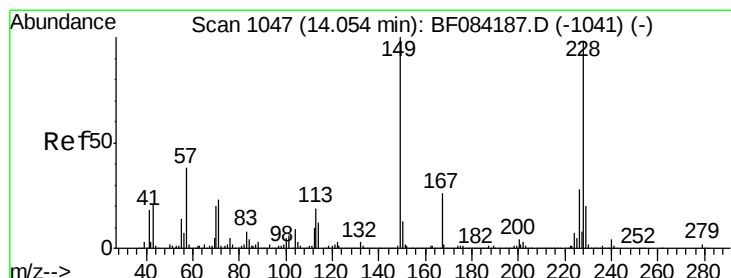
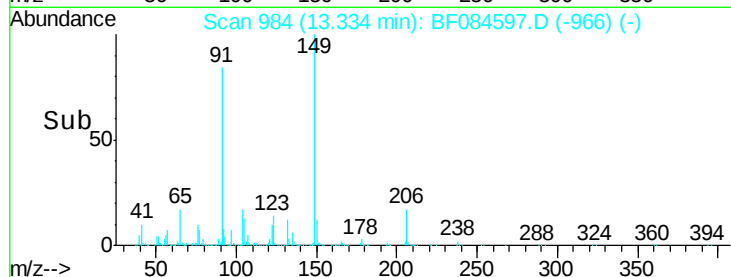
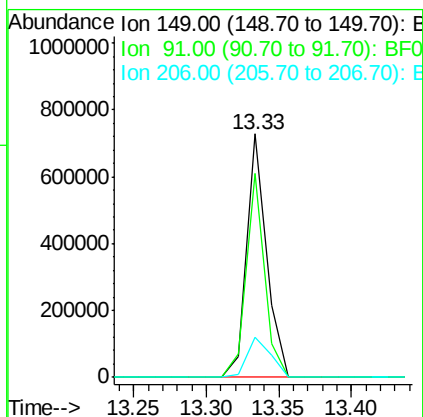
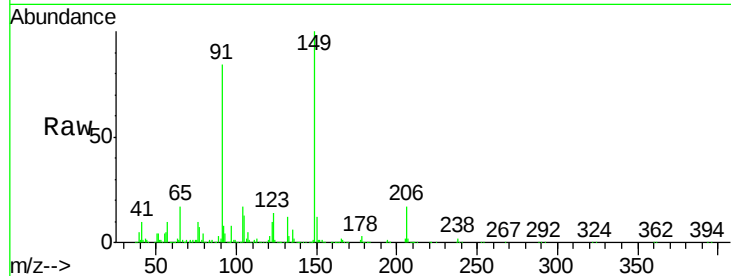
#79
Butylbenzylphthalate
Concen: 42.87 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.7	57.6	86.4
206	16.7	13.2	19.8

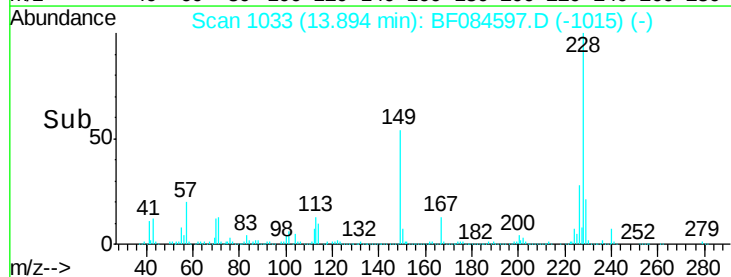
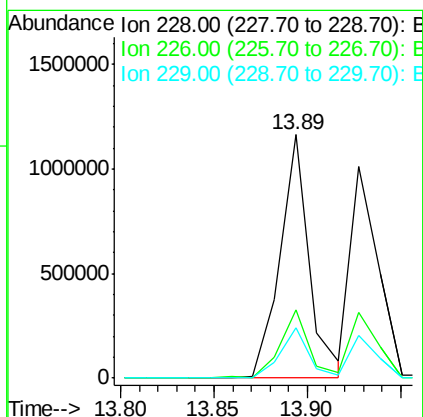
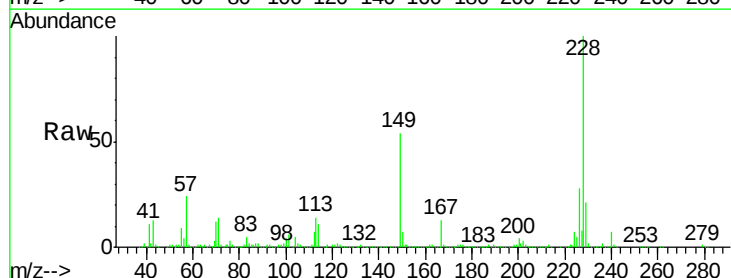
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#80
Benzo(a)anthracene
Concen: 45.20 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.09 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	20.8	15.8	23.8





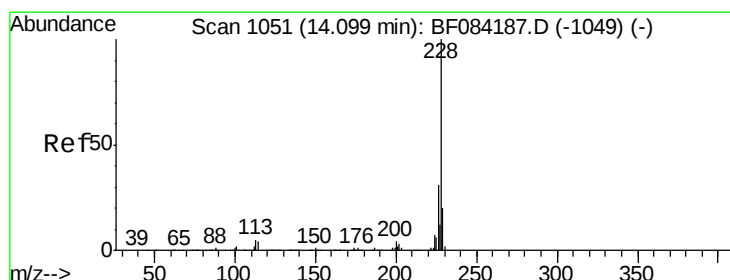
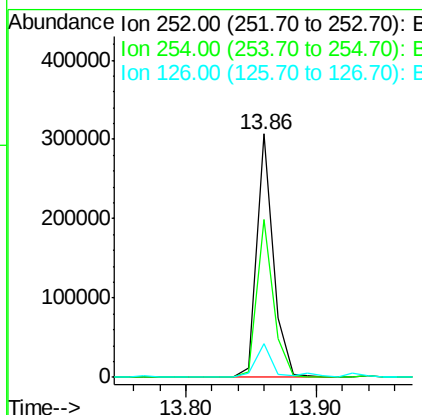
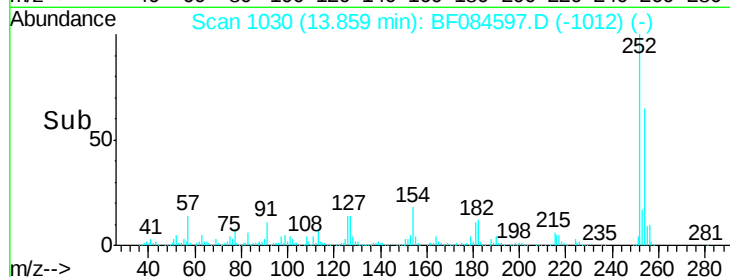
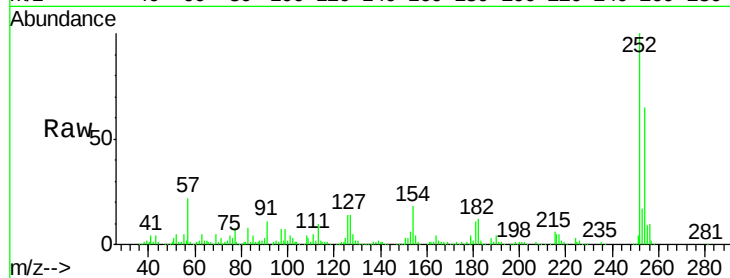
#81
 3,3'-Dichlorobenzidine
 Concen: 28.22 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	53.5	80.3
126	14.1	4.9	7.3

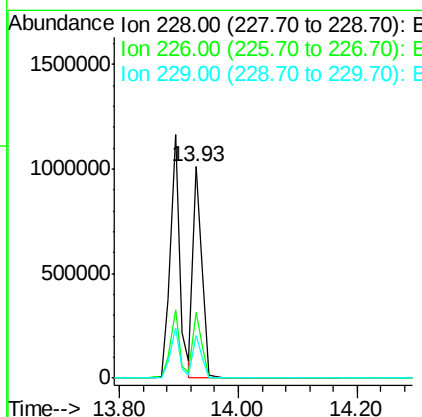
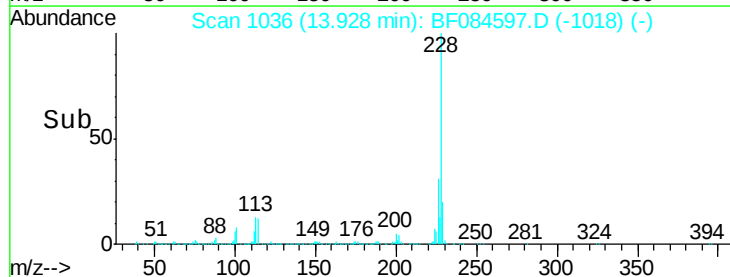
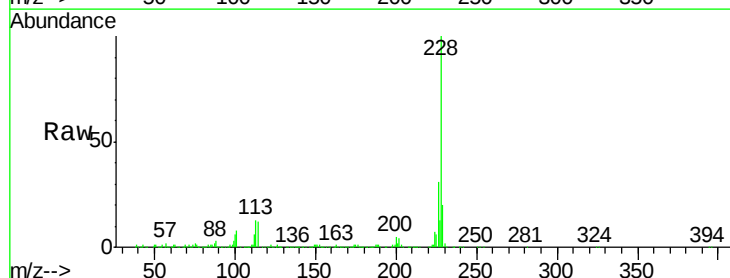
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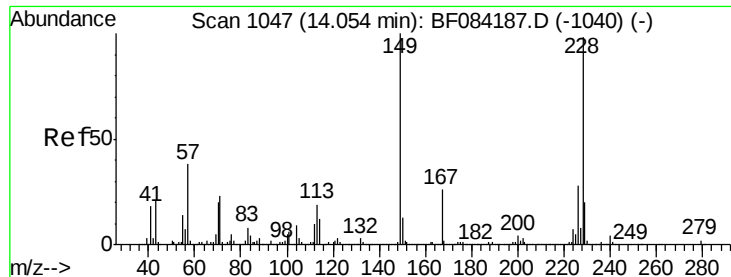
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#82
 Chrysene
 Concen: 39.64 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.09 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.3	36.5
229	20.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.63 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

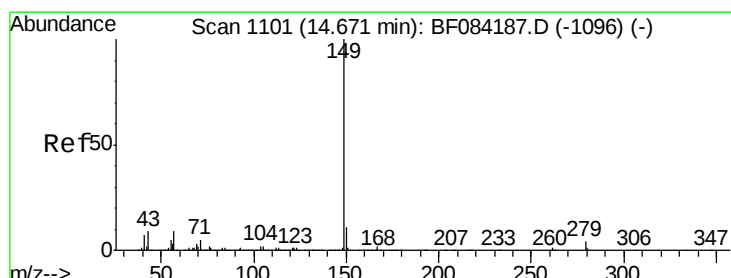
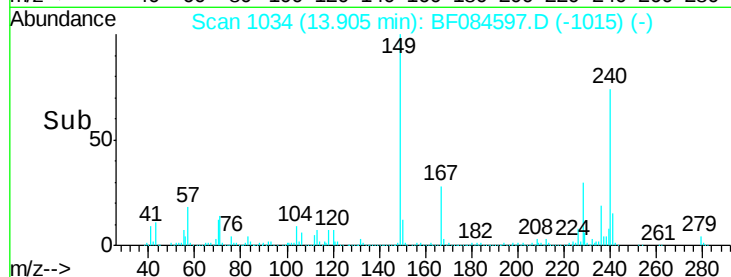
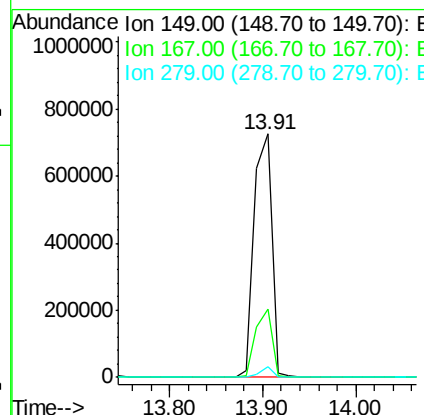
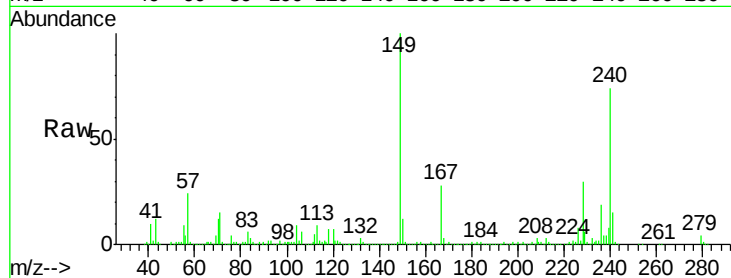
ClientSampleId :

P001-SS015-7278-01MSD

Tot Ion:	149	Resp:	954496
Ion Ratio	Lower	Upper	
149	100		
167	27.8	19.7	29.5
279	4.2	1.8	2.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.83 ng

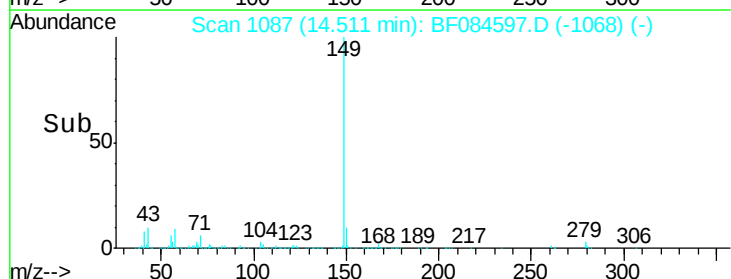
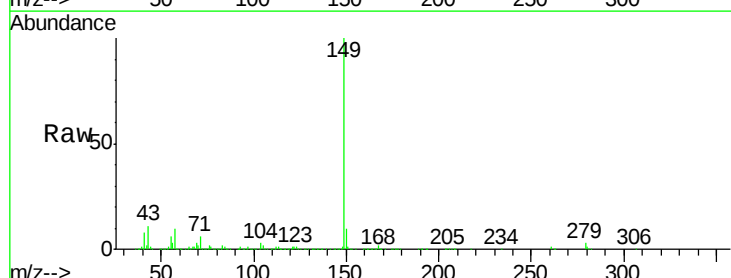
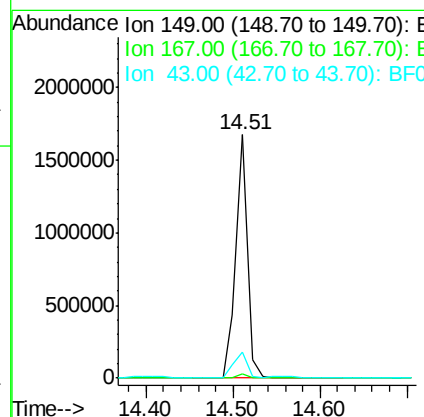
RT: 14.51 min Scan# 1087

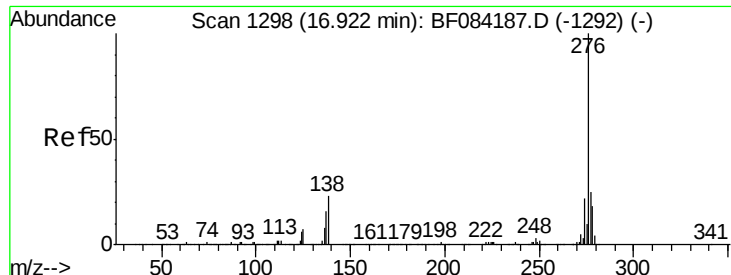
Delta R.T. -0.08 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt Ion:	149	Resp:	1549258
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	12.0	5.6	8.4#





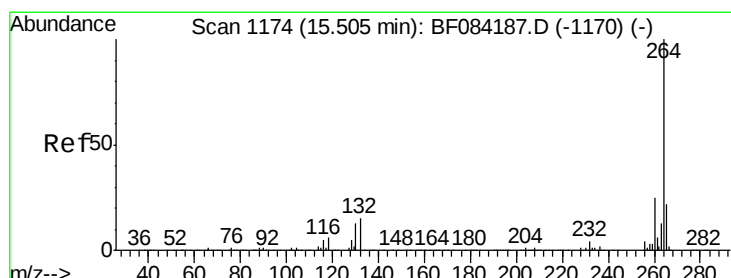
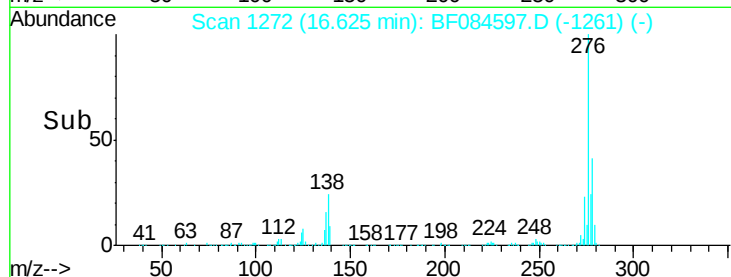
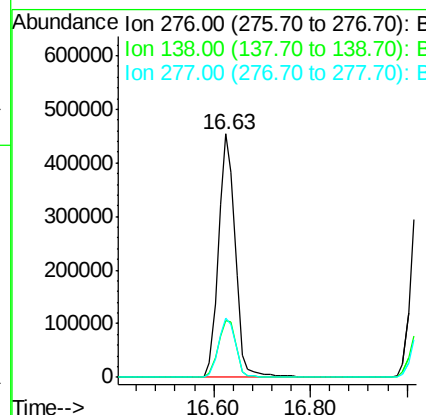
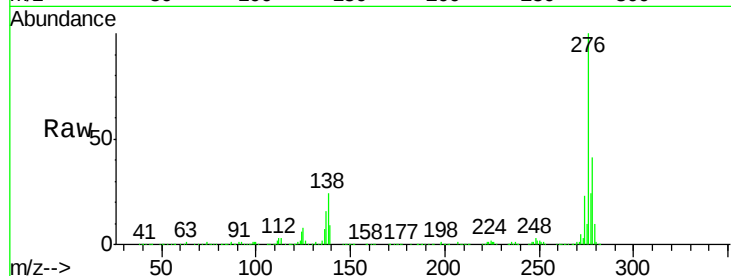
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.23 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.17 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	25.0	20.1	30.1

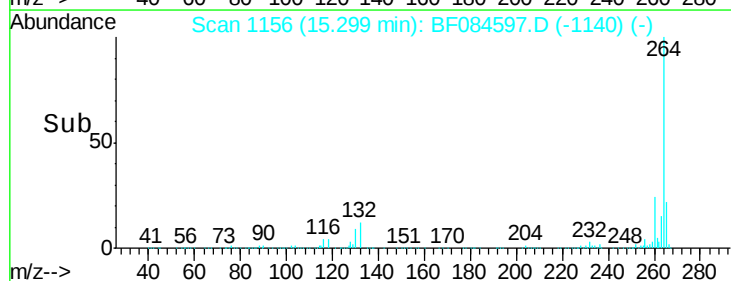
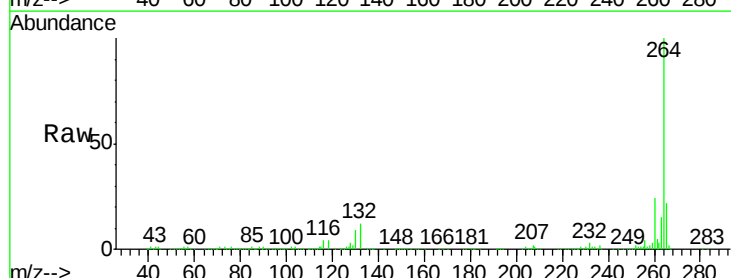
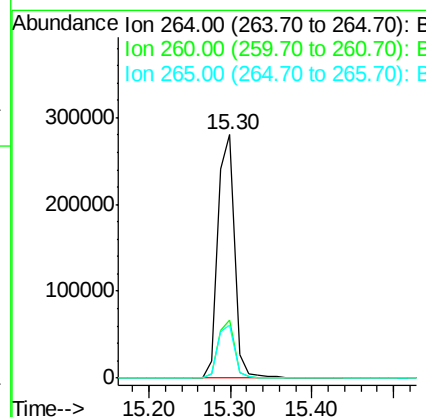
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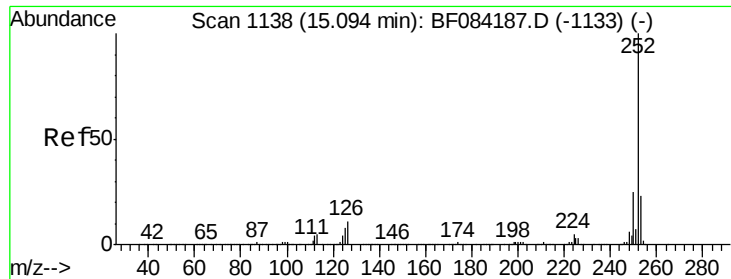
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.11 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.9	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 46.23 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.10 min

Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Instrument :

BNA_F

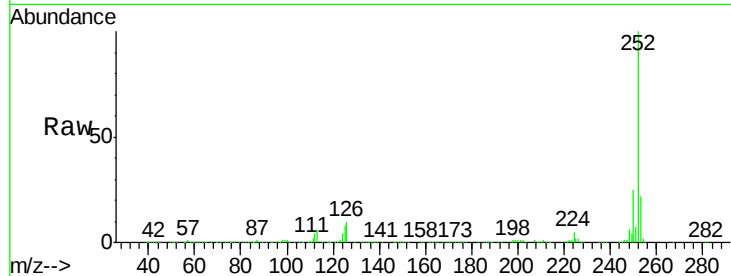
ClientSampleId :

P001-SS015-7278-01MSD

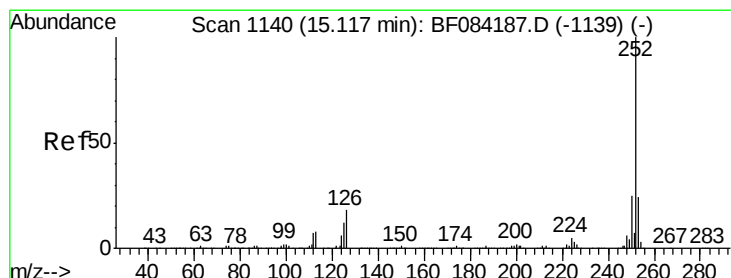
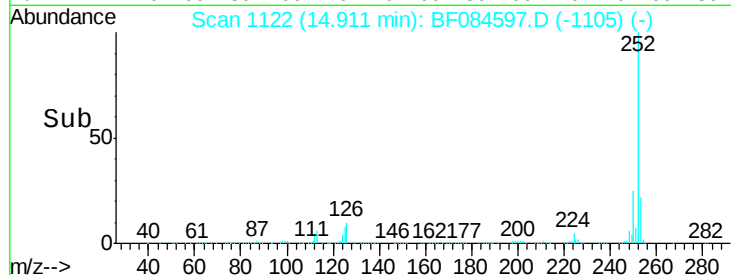
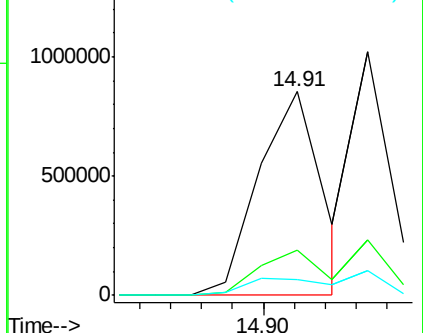
Tot Ion:252	Resp: 1207244
Ion Ratio	Lower Upper
252 100	
253 22.4	17.3 25.9
125 7.6	6.5 9.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.70 ng m

RT: 14.93 min Scan# 1124

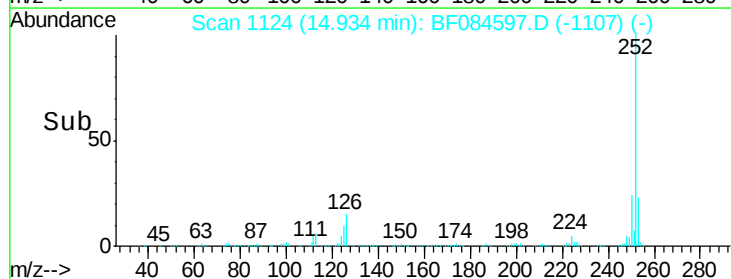
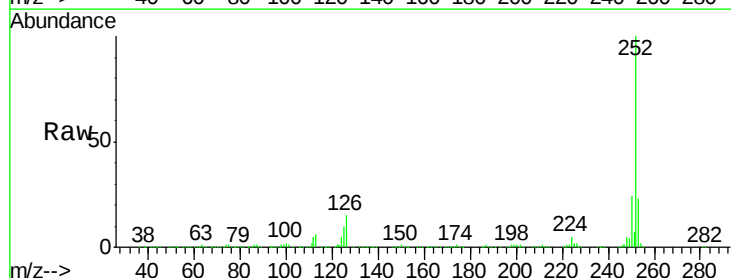
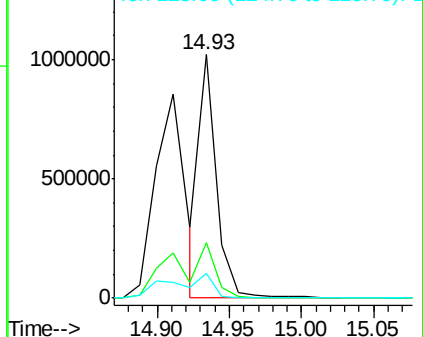
Delta R.T. -0.10 min

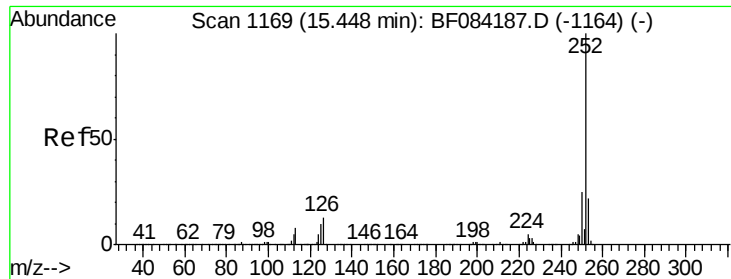
Lab File: BF084597.D

Acq: 22 Jan 2016 18:51

Tgt	Ion:252	Resp:	890617
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.4	9.0	13.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





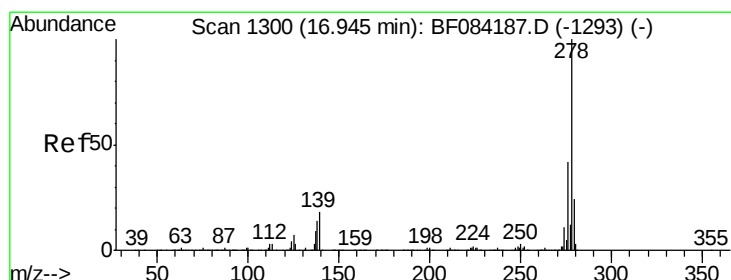
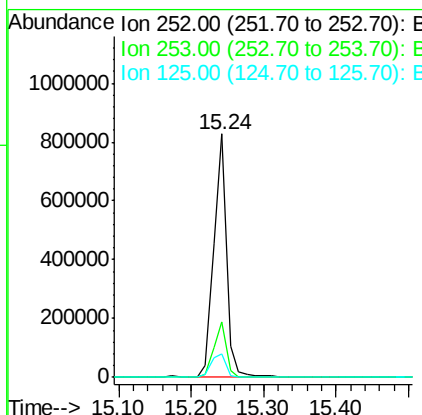
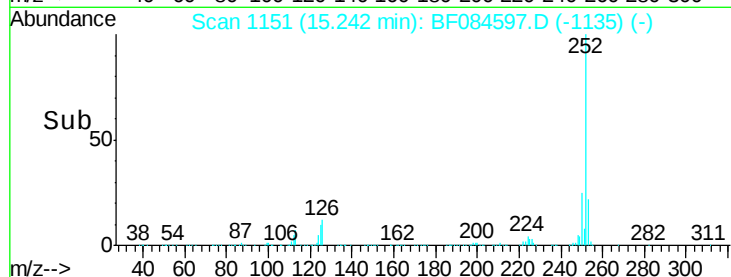
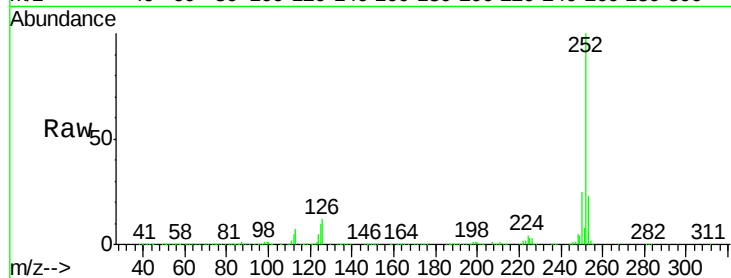
#89
Benzo(a)pyrene
Concen: 45.48 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.11 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Instrument :
BNA_F
ClientSampleId :
P001-SS015-7278-01MSD

Tot Ion:252 Resp: 1007469
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 9.7 7.0 10.4

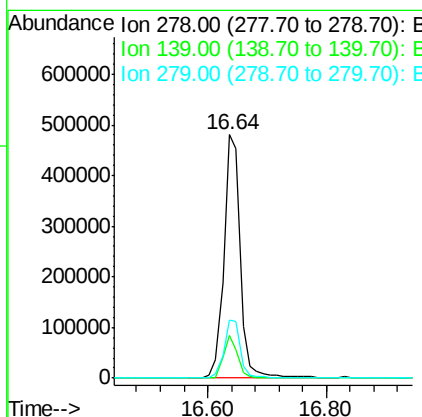
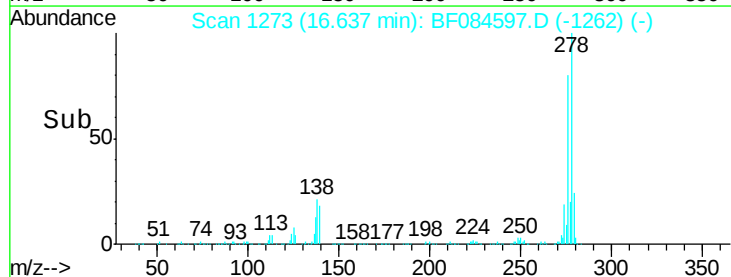
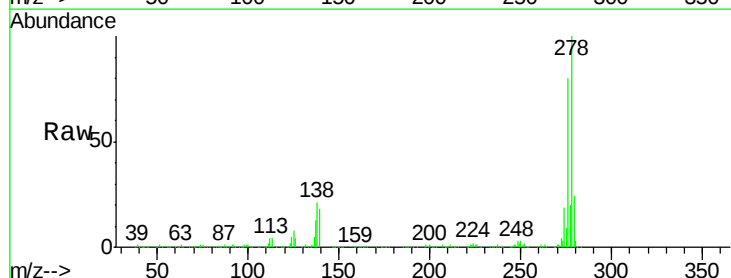
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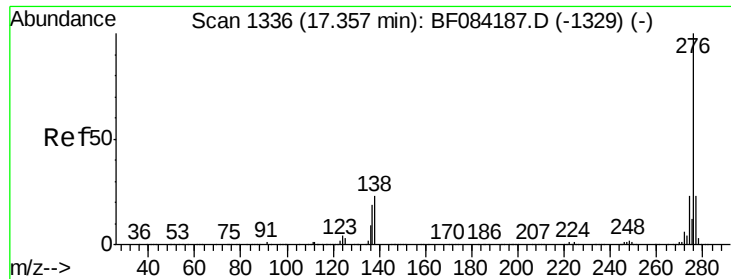
mohammad
1/25/2016 2:59:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.43 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.17 min
Lab File: BF084597.D
Acq: 22 Jan 2016 18:51

Tgt Ion:278 Resp: 923003
Ion Ratio Lower Upper
278 100
139 17.8 15.0 22.4
279 23.8 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 48.41 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.19 min
 Lab File: BF084597.D
 Acq: 22 Jan 2016 18:51

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-7278-01MSD

Tot Ion:	276	Resp:	955523
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.8	28.2
138	22.2	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 1/25/2016 2:59:15 PM

