

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084636.D
 Acq On : 29 Jan 2016 15:17
 Operator : SJ/IZ
 Sample : PB88072BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Manual Integrations
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 2/1/2016 2:24:14 PM

Quant Time: Jan 29 23:32:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	170824	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	669609	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	250754	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	493772	20.00	ng	0.00
75) Chrysene-d12	13.88	240	468140	20.00	ng	0.01
86) Perylene-d12	15.25	264	411798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1271833	112.39	ng	0.02
7) Phenol-d6	6.37	99	1458353	107.52	ng	0.00
23) Nitrobenzene-d5	7.30	82	984251	82.15	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	346973	132.02	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1631655	96.72	ng	0.00
78) Terphenyl-d14	12.83	244	1666085	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	156181	29.60	ng	# 76
3) Pyridine	2.98	79	399044	28.39	ng	# 75
4) n-Nitrosodimethylamine	2.92	42	244439	35.56	ng	# 78
6) Aniline	6.38	93	298179	17.13	ng	# 1
8) 2-Chlorophenol	6.51	128	473753	37.74	ng	92
9) Benzaldehyde	6.27	77	26101	3.32	ng	95
10) Phenol	6.38	94	469992	31.09	ng	80
11) bis(2-Chloroethyl)ether	6.46	93	419882	35.71	ng	# 82
12) 1,3-Dichlorobenzene	6.66	146	452515m	33.65	ng	
13) 1,4-Dichlorobenzene	6.74	146	459076	34.78	ng	97
14) 1,2-Dichlorobenzene	6.90	146	459852	37.84	ng	96
15) Benzyl Alcohol	6.88	79	365419	39.58	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	704373	35.00	ng	86
17) 2-Methylphenol	7.00	107	378724	38.92	ng	94
18) Hexachloroethane	7.24	117	187461	36.31	ng	# 86
19) n-Nitroso-di-n-propylamine	7.15	70	331137	39.97	ng	# 76
20) 3+4-Methylphenols	7.15	107	445876	37.76	ng	# 77
22) Acetophenone	7.14	105	625012	35.74	ng	98
24) Nitrobenzene	7.31	77	446574	35.07	ng	93
25) Isophorone	7.55	82	871330	38.82	ng	97
26) 2-Nitrophenol	7.63	139	247029	40.79	ng	# 86
27) 2,4-Dimethylphenol	7.68	122	420544	39.63	ng	95
28) bis(2-Chloroethoxy)methane	7.77	93	517443	38.41	ng	99
29) 2,4-Dichlorophenol	7.88	162	393420	42.39	ng	94
30) 1,2,4-Trichlorobenzene	7.95	180	394526	37.17	ng	96
31) Naphthalene	8.03	128	1211450	35.84	ng	99
32) Benzoic acid	7.81	122	278143	34.14	ng	95
33) 4-Chloroaniline	8.09	127	110447	8.03	ng	93
34) Hexachlorobutadiene	8.16	225	235461	37.54	ng	98
35) Caprolactam	8.45	113	122580m	46.02	ng	
36) 4-Chloro-3-methylphenol	8.59	107	445886	43.63	ng	92
37) 2-Methylnaphthalene	8.73	142	944074	45.50	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	344582	42.37	ng	98
40) Hexachlorocyclopentadiene	8.88	237	407659	110.26	ng	97

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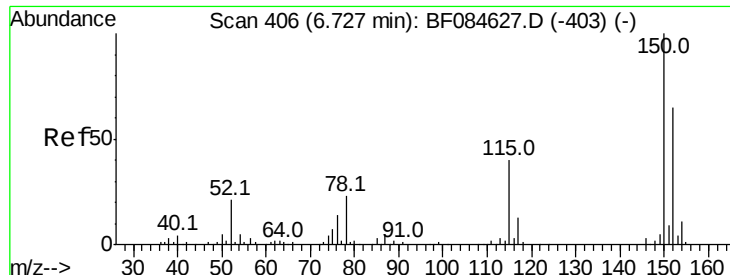
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	258630	51.20	nq	93
43) 2,4,5-Trichlorophenol	9.06	196	289522	55.51	nq	98
45) 1,1'-Biphenyl	9.20	154	1039763	45.24	nq	95
46) 2-Chloronaphthalene	9.21	162	791654	47.21	nq	97
47) 2-Nitroaniline	9.31	65	242924	48.24	nq	95
48) Acenaphthylene	9.63	152	1092280	42.99	nq	99
49) Dimethylphthalate	9.50	163	982829	52.22	nq	# 92
50) 2,6-Dinitrotoluene	9.56	165	234196	56.56	nq	96
51) Acenaphthene	9.80	154	692263	40.69	nq	98
52) 3-Nitroaniline	9.72	138	58155	13.44	nq	# 92
53) 2,4-Dinitrophenol	9.84	184	214621	105.04	nq	92
54) Dibenzofuran	9.97	168	985821	48.56	nq	95
55) 4-Nitrophenol	9.90	139	256480	80.70	nq	# 70
56) 2,4-Dinitrotoluene	9.96	165	249177	46.32	nq	# 92
57) Fluorene	10.32	166	700026	40.68	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.09	232	182082	46.17	nq	94
59) Diethylphthalate	10.20	149	793253	43.06	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	295784	38.28	nq	89
61) 4-Nitroaniline	10.34	138	155624	38.00	nq	95
62) Azobenzene	10.46	77	793436	45.00	nq	86
64) 4,6-Dinitro-2-methylphenol	10.37	198	121949	37.81	nq	72
65) n-Nitrosodiphenylamine	10.43	169	627496	39.19	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	218843	39.35	nq	# 90
67) Hexachlorobenzene	10.85	284	211927	35.03	nq	# 78
68) Atrazine	10.96	200	181193	37.77	nq	97
69) Pentachlorophenol	11.06	266	245327	83.95	nq	99
70) Phenanthrene	11.26	178	1064620	38.99	nq	98
71) Anthracene	11.32	178	1232895	44.41	nq	99
72) Carbazole	11.48	167	1352438	56.53	nq	98
73) Di-n-butylphthalate	11.81	149	1482424	50.95	nq	# 96
74) Fluoranthene	12.45	202	1485630	55.04	nq	97
76) Benzidine	12.58	184	490607	27.55	nq	99
77) Pyrene	12.68	202	1561200	44.22	nq	99
79) Butylbenzylphthalate	13.31	149	676125	44.82	nq	98
80) Benzo(a)anthracene	13.86	228	1236155	42.36	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	253888	24.73	nq	# 99
82) Chrysene	13.91	228	1215816	42.27	nq	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	839851	42.92	nq	99
84) Di-n-octyl phthalate	14.49	149	1516339	49.05	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.57	276	893825	35.15	nq	99
87) Benzo(b)fluoranthene	14.88	252	1100217m	41.26	nq	
88) Benzo(k)fluoranthene	14.90	252	963618m	43.75	nq	
89) Benzo(a)pyrene	15.21	252	995675	43.17	nq	99
90) Dibenzo(a,h)anthracene	16.58	278	757787	36.45	nq	99
91) Benzo(g,h,i)perylene	16.97	276	738863	35.20	nq	96

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



#1

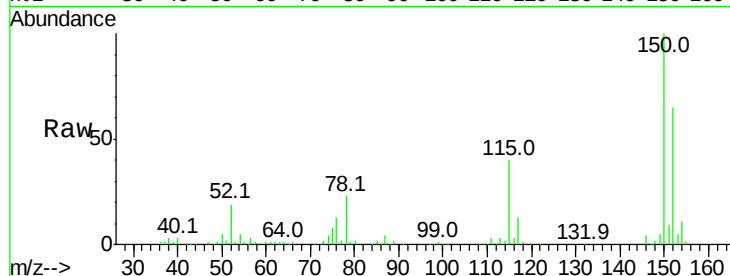
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

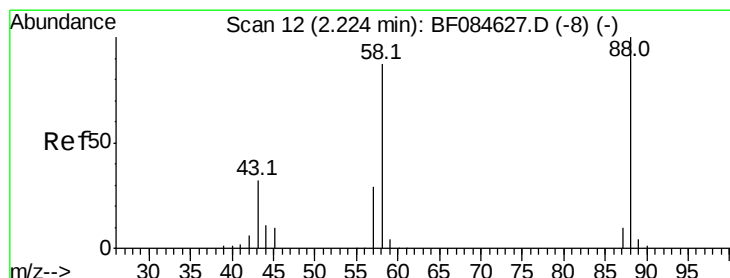
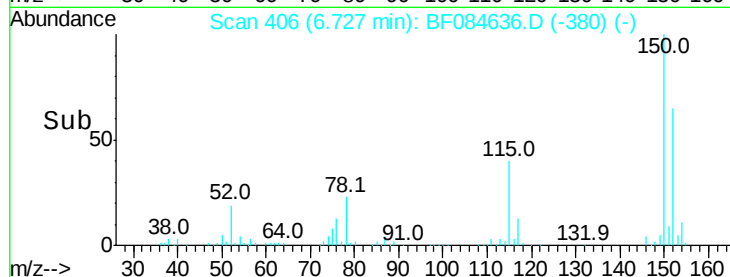
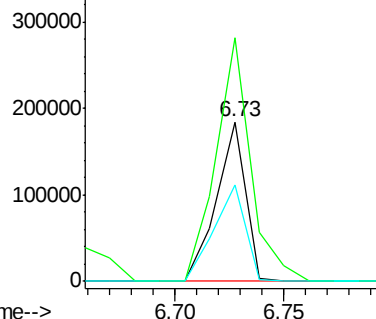
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.0	184.4
115	60.6	51.4	77.2

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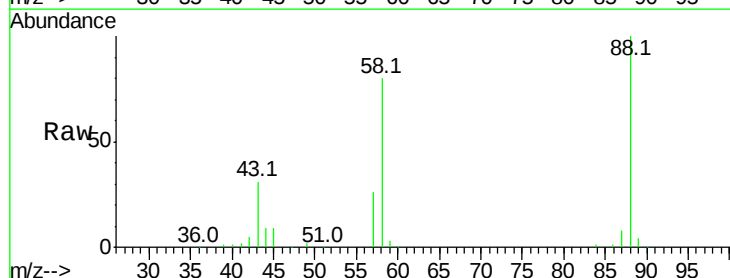
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



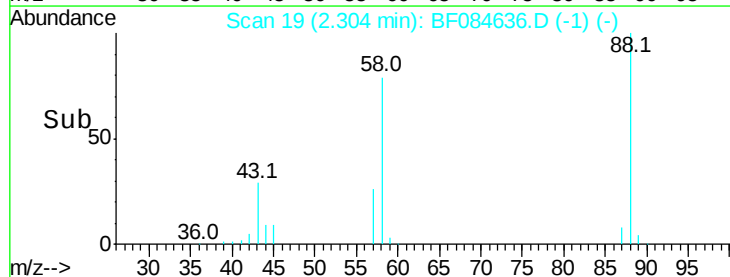
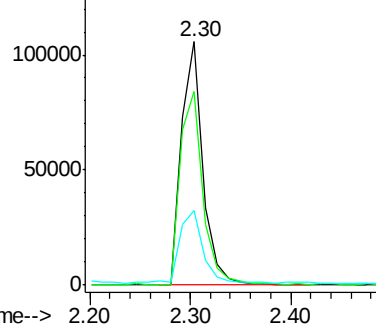
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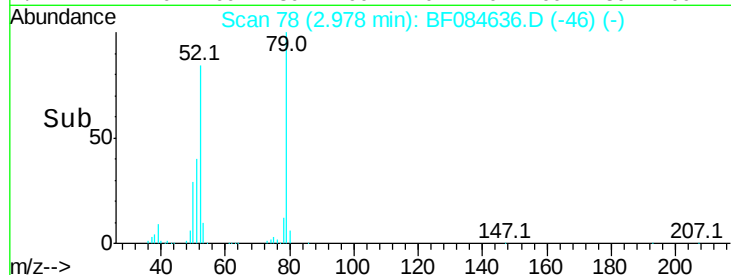
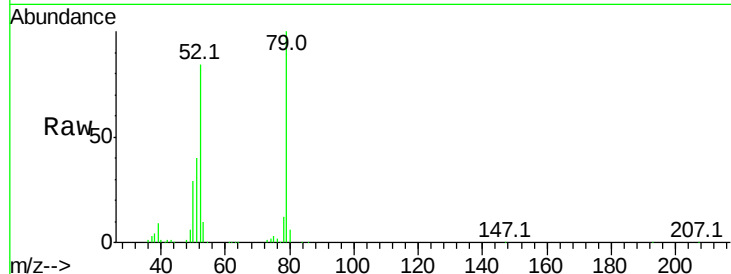
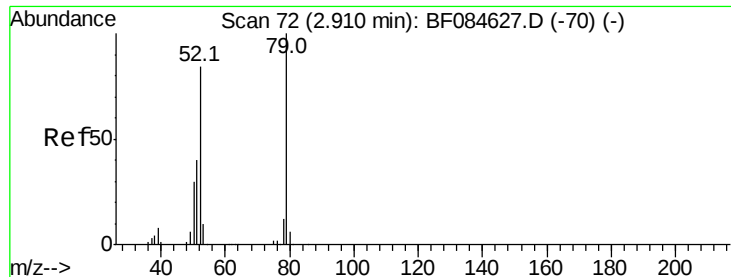
1,4-Dioxane
Concen: 29.60 ng
RT: 2.30 min Scan# 19
Delta R.T. 0.08 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	51.2	76.8#
43	32.7	19.5	29.3#



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





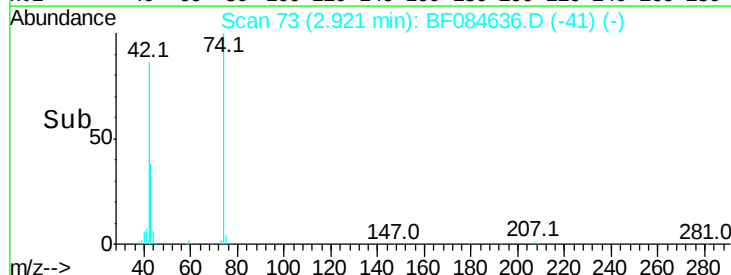
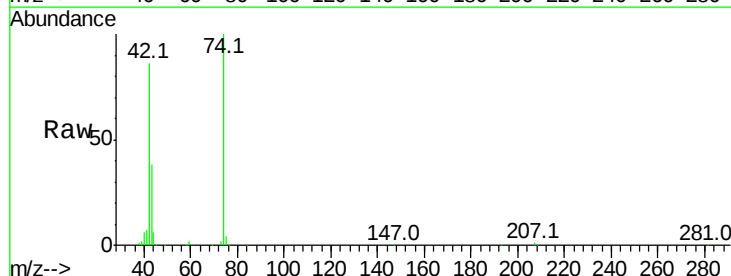
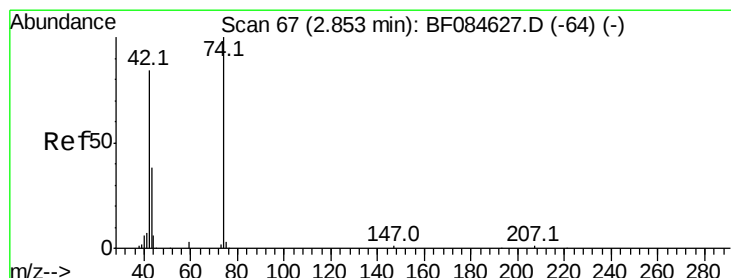
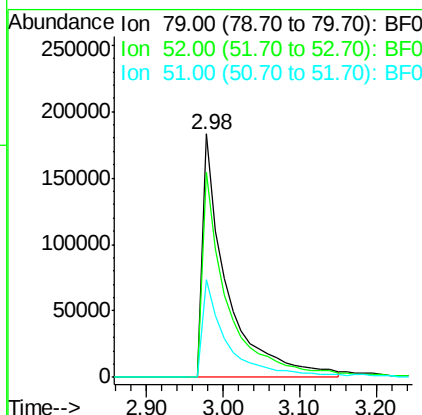
#3
 Pvridine
 Concen: 28.39 ng
 RT: 2.98 min Scan# 78
 Delta R.T. 0.07 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.4	49.0	73.4#
51	40.4	25.2	37.8#

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

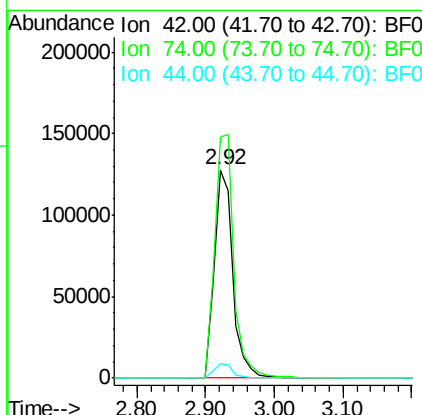
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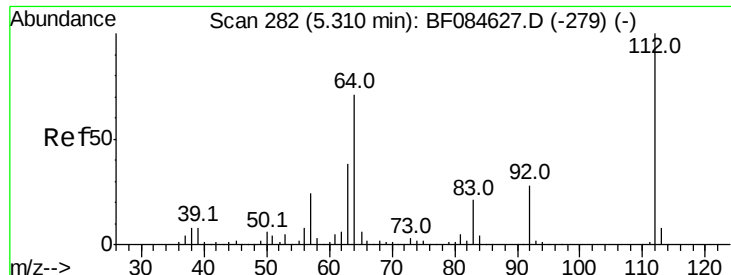
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#4
 n-Nitrosodimethylamine
 Concen: 35.56 ng
 RT: 2.92 min Scan# 73
 Delta R.T. 0.07 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	116.2	115.7	173.5
44	6.8	5.1	7.7





#5

2-Fluorophenol

Concen: 112.39 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tot Ion:112 Resp: 1271833

Ion Ratio Lower Upper

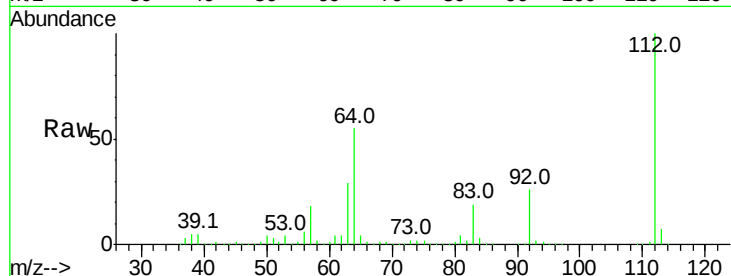
112 100

64 55.0 36.6 55.0#

63 28.8 19.4 29.0

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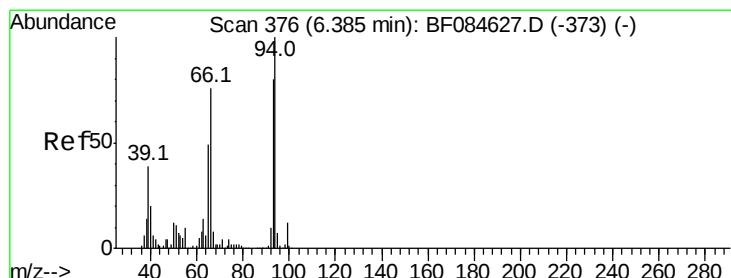
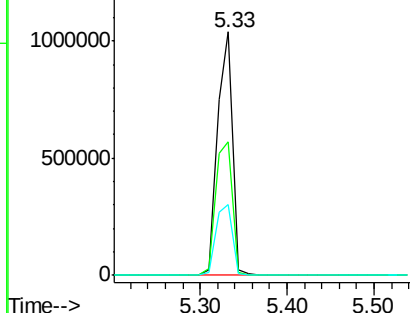
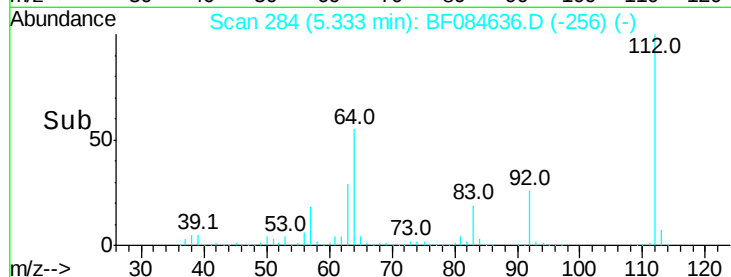
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.13 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

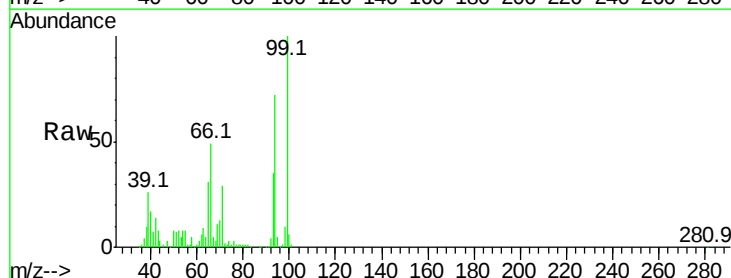
Tgt Ion: 93 Resp: 298179

Ion Ratio Lower Upper

93 100

66 141.9 44.9 67.3#

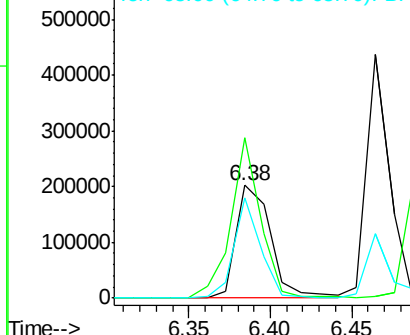
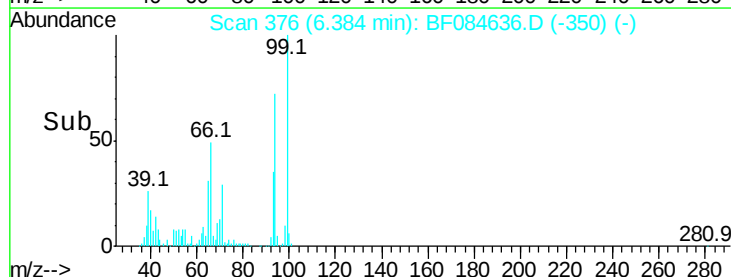
65 89.2 23.7 35.5#

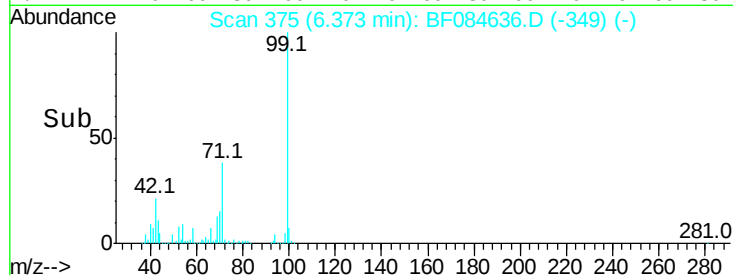
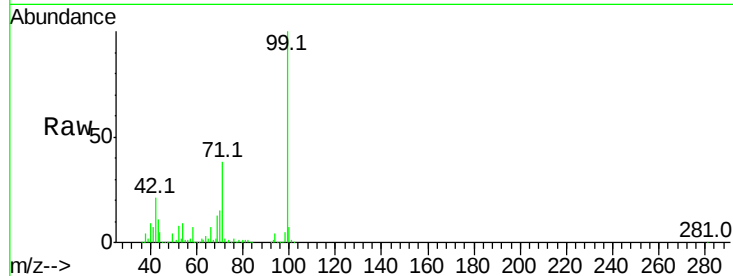
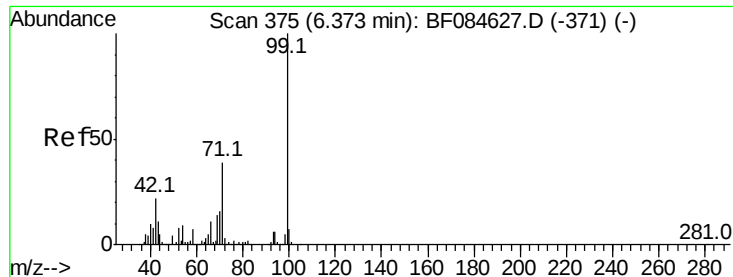


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.52 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tot Ion: 99 Resp: 1458353

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	38.2	30.9	46.3

Instrument :

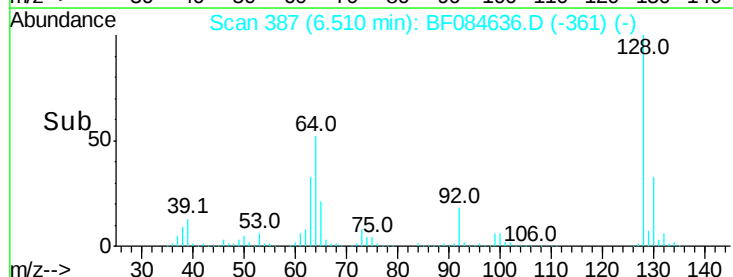
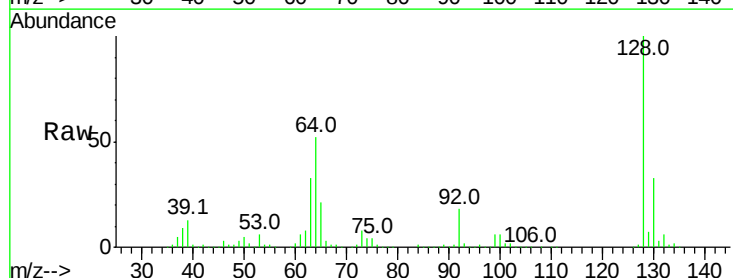
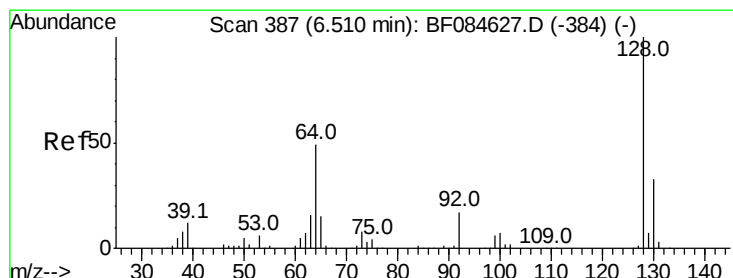
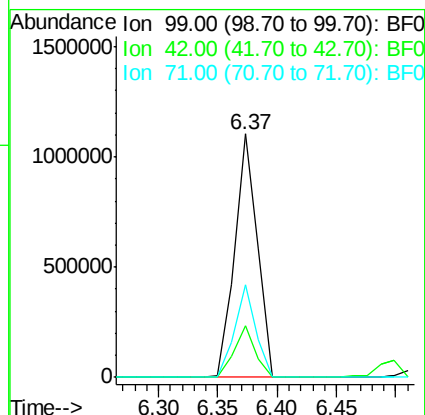
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 37.74 ng

RT: 6.51 min Scan# 387

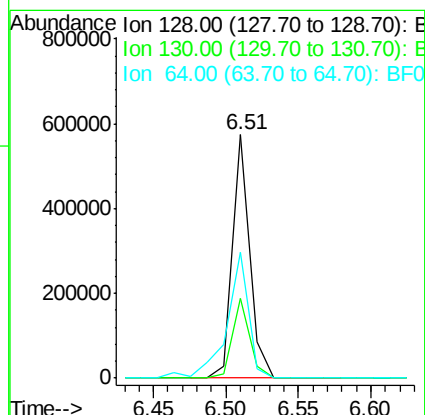
Delta R.T. -0.00 min

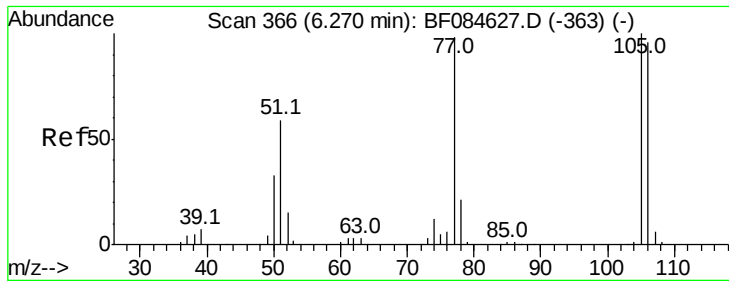
Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion: 128 Resp: 473753

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.6	51.6
64	51.6	23.8	63.8





#9

Benzaldehyde

Concen: 3.32 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF084636.D

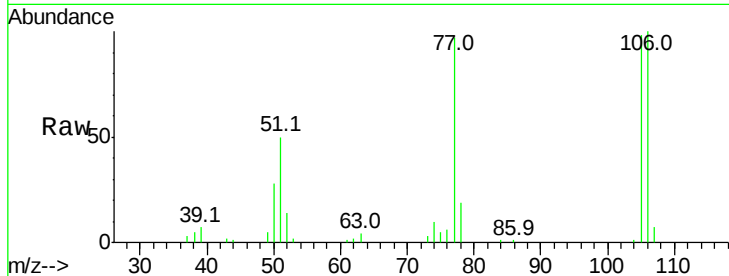
Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

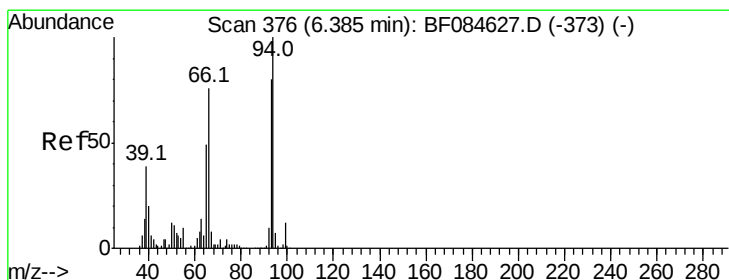
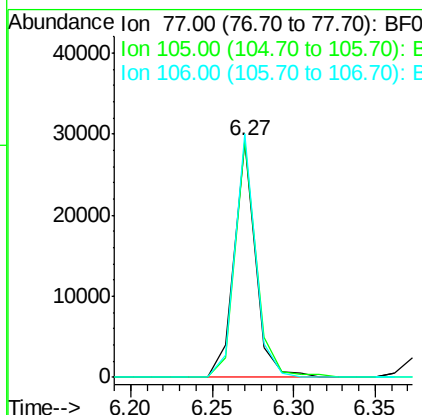
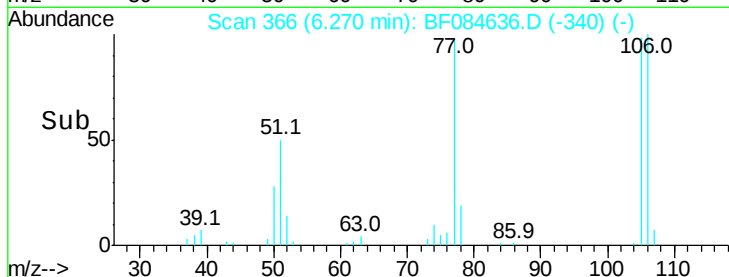
PB88072BS



Tot Ion	77	105	106
Resp:	26101		
Ratio	Lower	Upper	
77	100		
105	100.6	83.0	123.0
106	103.1	74.6	114.6

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#10

Phenol

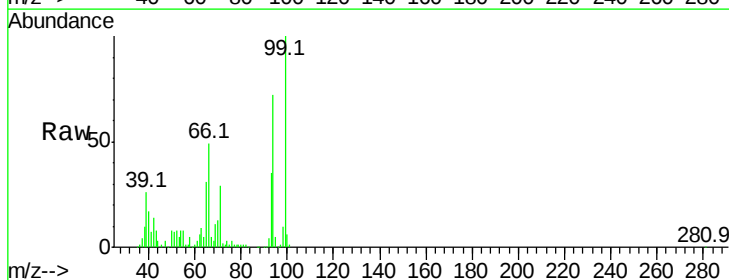
Concen: 31.09 ng

RT: 6.38 min Scan# 376

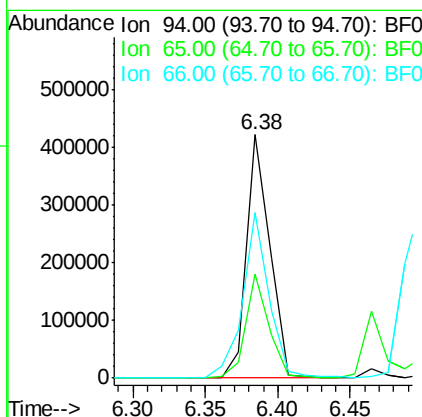
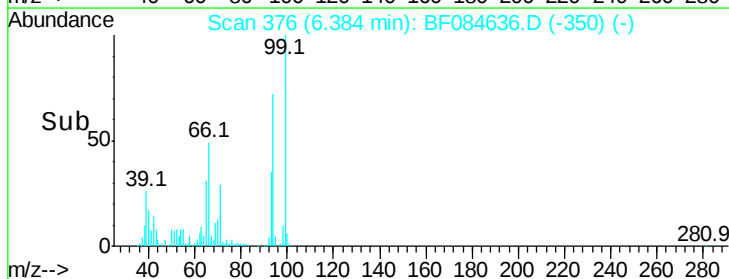
Delta R.T. -0.00 min

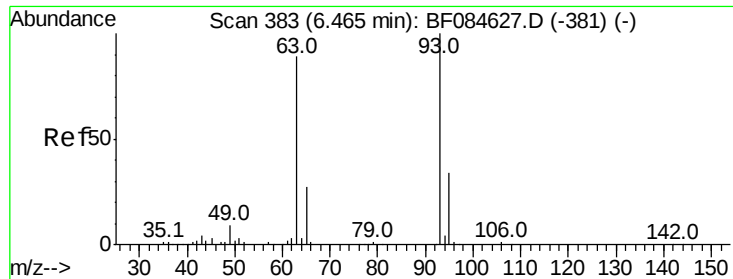
Lab File: BF084636.D

Acq: 29 Jan 2016 15:17



Tgt Ion	94	65	66
Resp:	469992		
Ratio	Lower	Upper	
94	100		
65	42.8	12.9	52.9
66	68.2	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.71 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

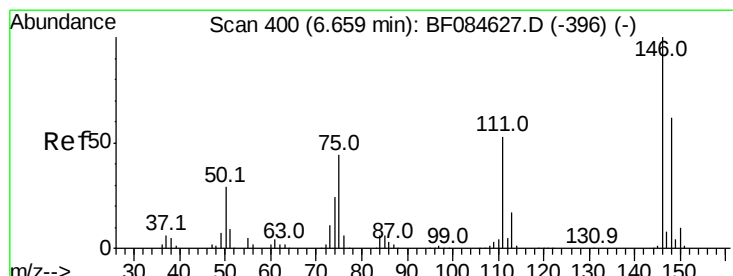
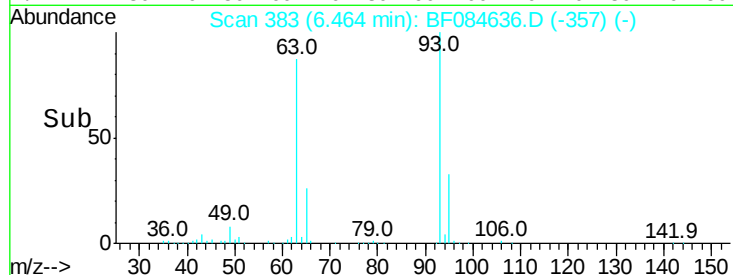
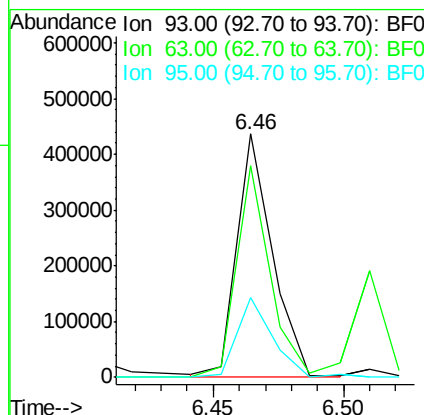
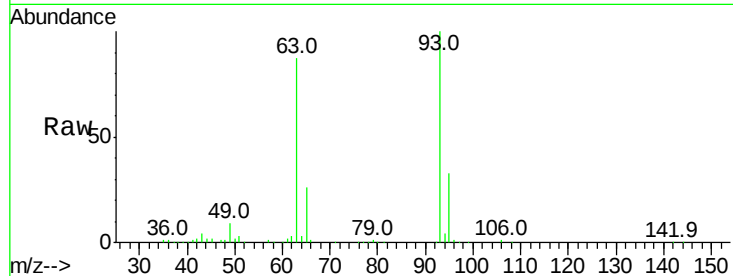
ClientSampleId :

PB88072BS

Tot Ion:	93	Resp:	419882
Ion Ratio	Lower	Upper	
93	100		
63	87.1	45.9	85.9#
95	33.0	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 33.65 ng m

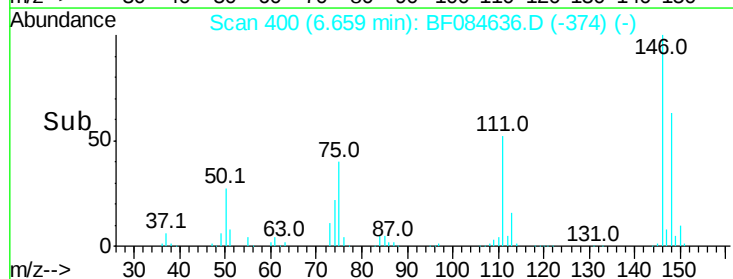
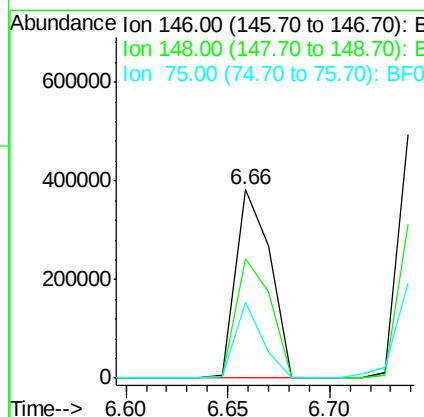
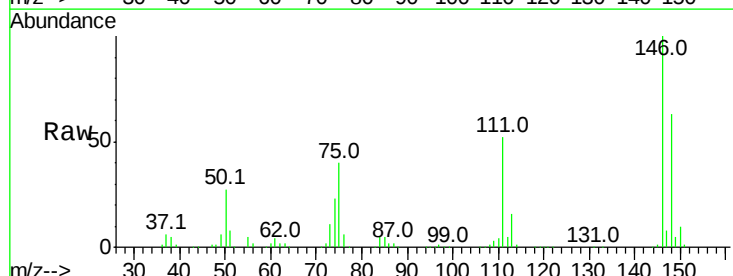
RT: 6.66 min Scan# 400

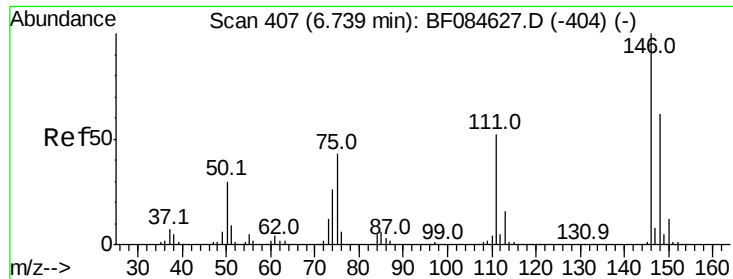
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	146	Resp:	452515
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.9	77.9
75	40.2	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 34.78 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

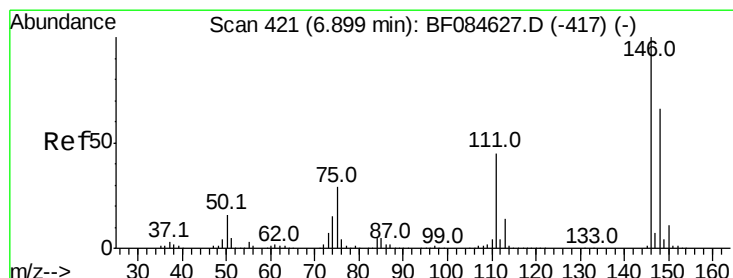
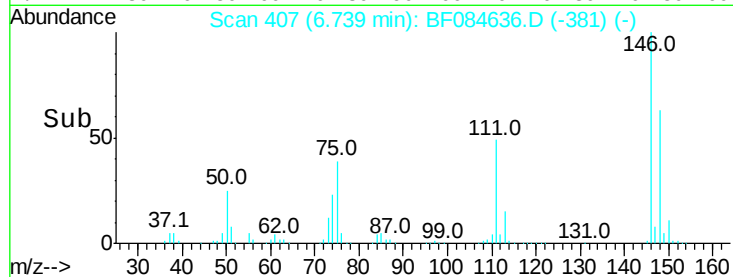
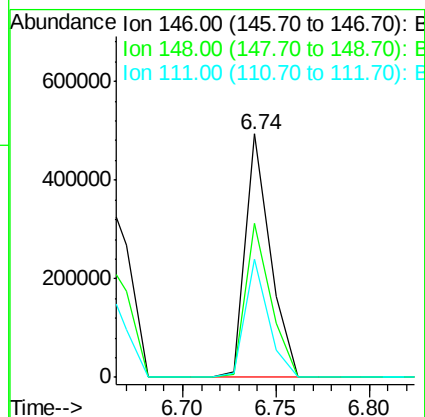
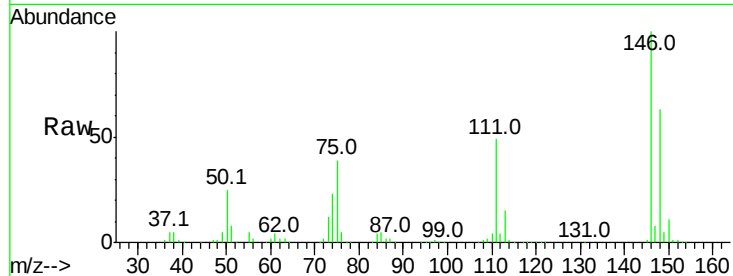
ClientSampleId :

PB88072BS

Tot Ion:	146	Resp:	459076
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.9	77.9
111	48.6	41.6	62.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.84 ng

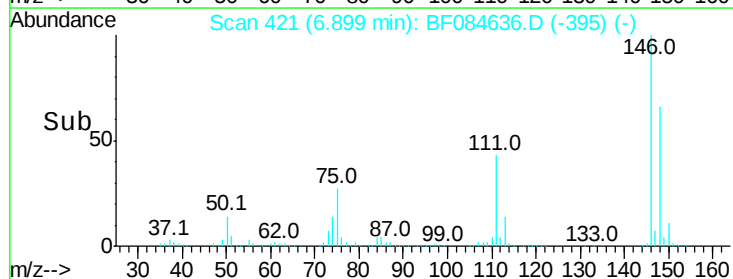
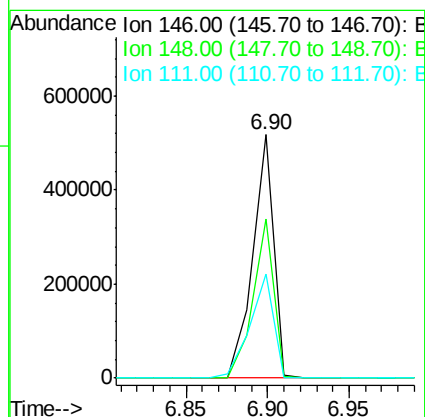
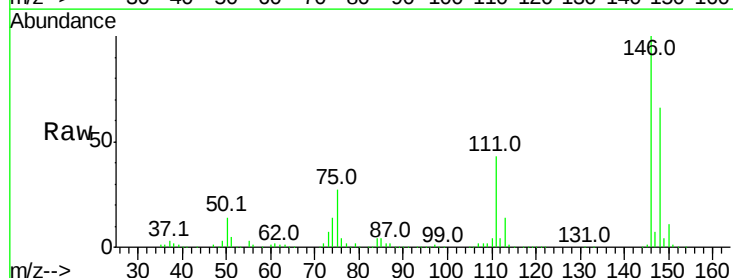
RT: 6.90 min Scan# 421

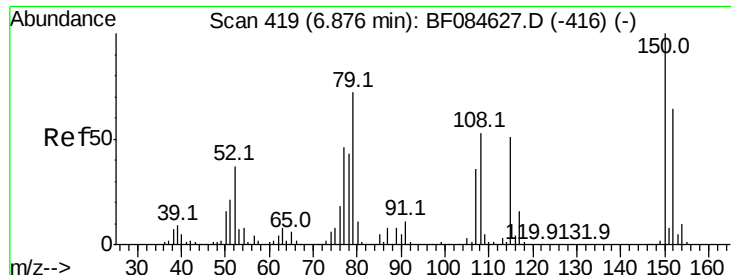
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	146	Resp:	459852
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.6	77.4
111	42.6	38.0	57.0





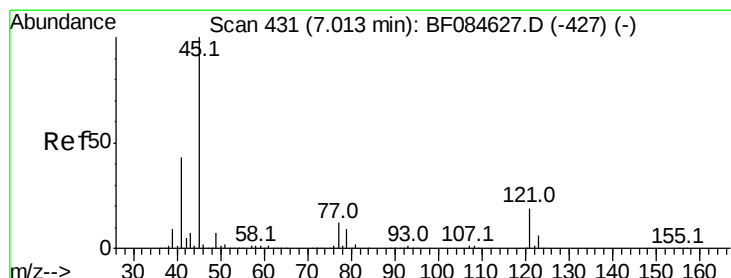
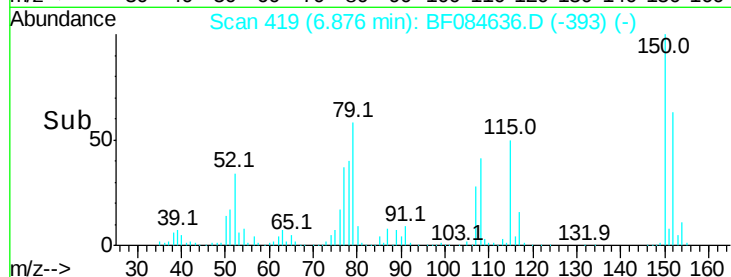
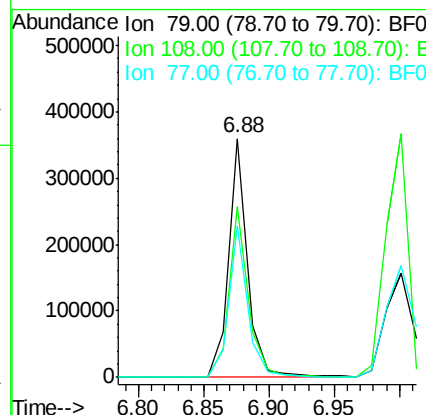
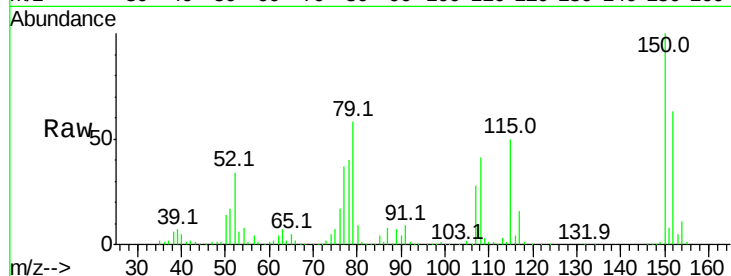
#15
Benzyl Alcohol
Concen: 39.58 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.4	69.0	103.4
77	63.2	50.0	75.0

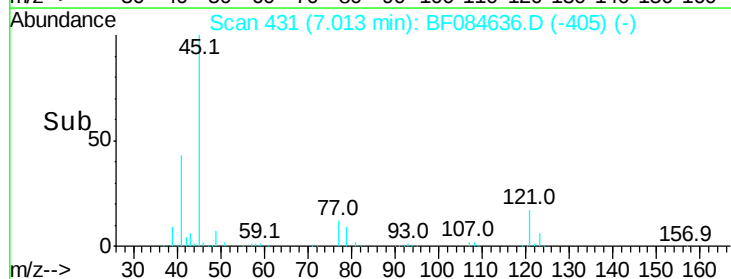
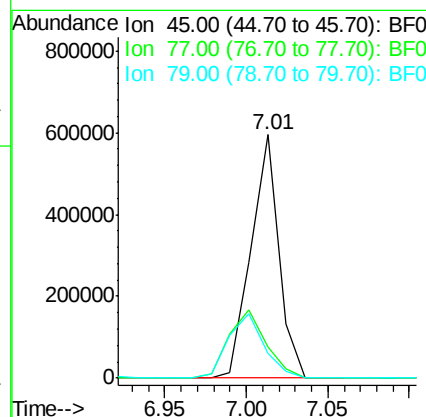
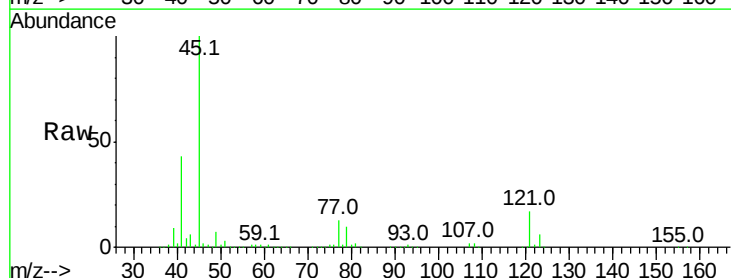
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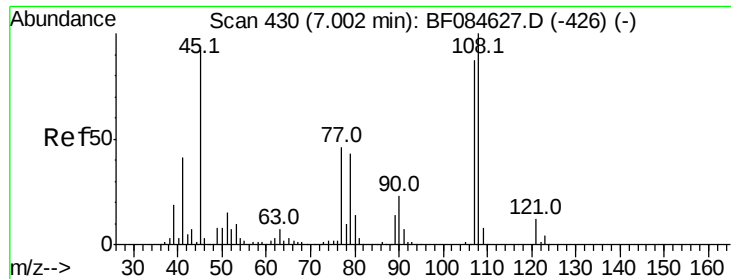
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.00 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	39.6
79	9.9	0.0	35.0





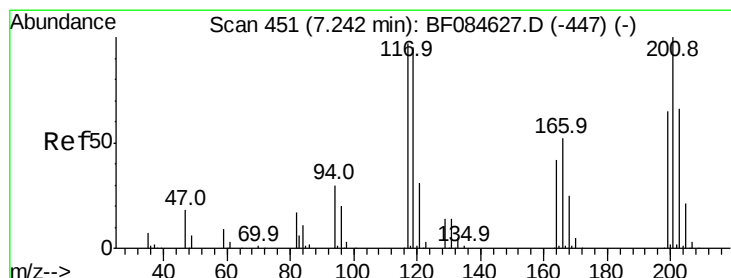
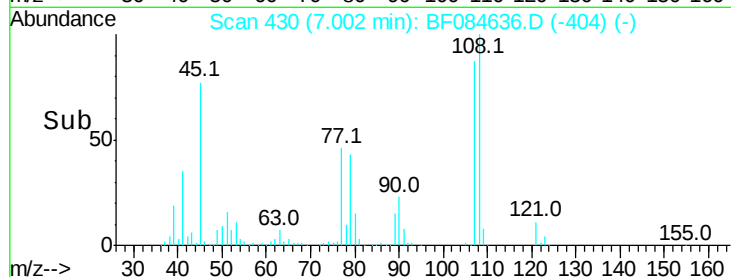
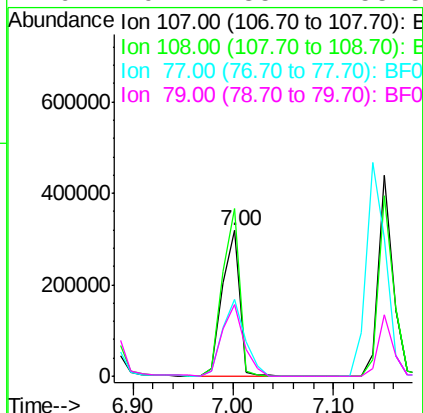
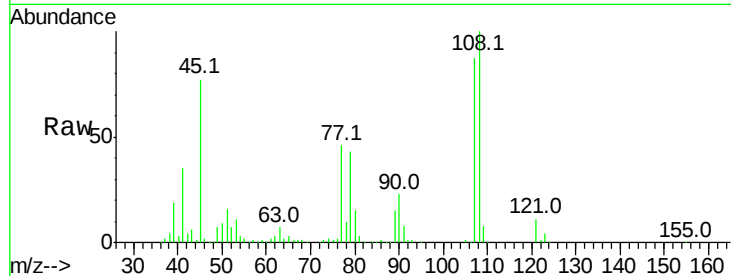
#17
2-Methylphenol
Concen: 38.92 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	107	Resp	378724
Ion Ratio	Lower	Upper	
107	100		
108	115.4	89.8	134.6
77	52.9	35.7	53.5
79	49.2	35.7	53.5

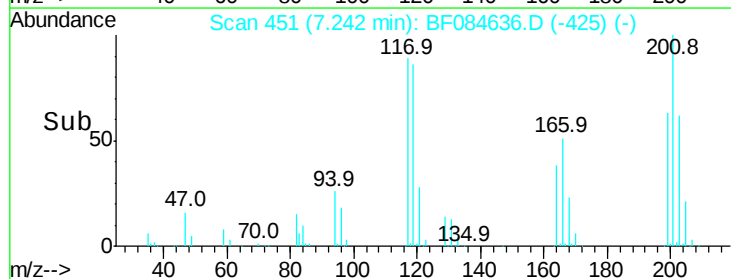
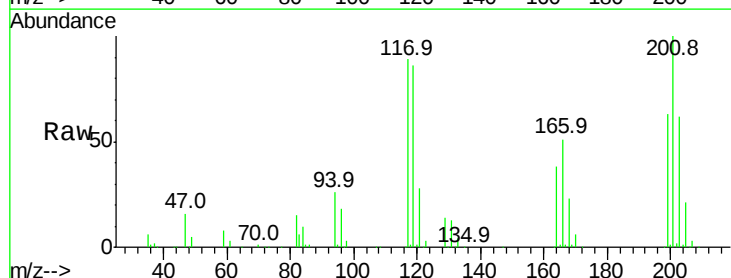
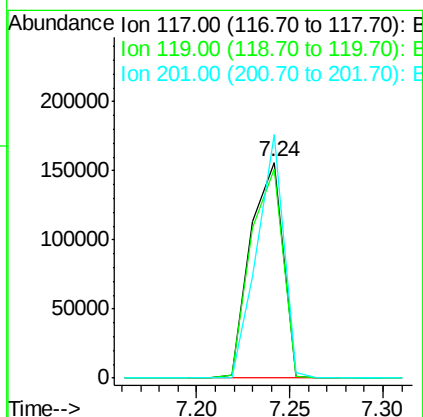
Manual Integrations
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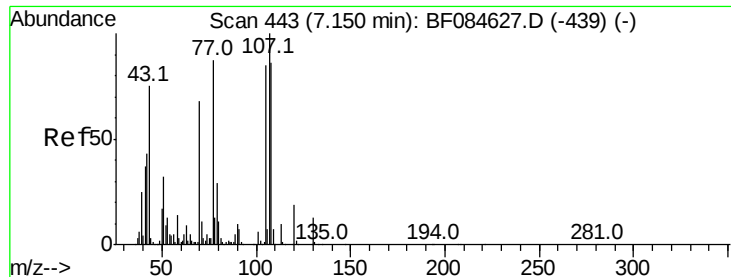
mohammad
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#18
Hexachloroethane
Concen: 36.31 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	117	Resp	187461
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.4	116.0
201	113.0	68.6	103.0#





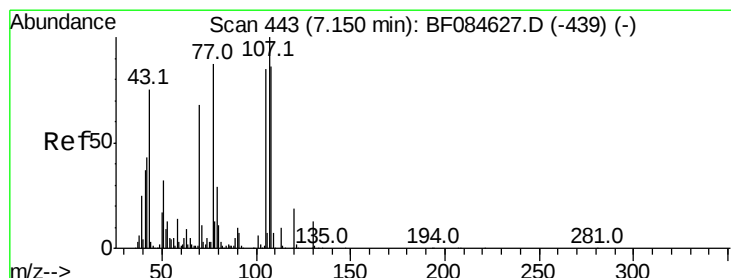
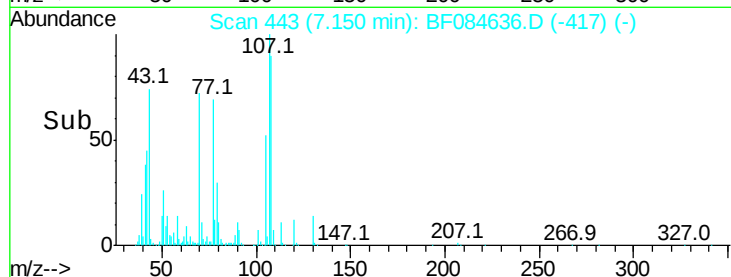
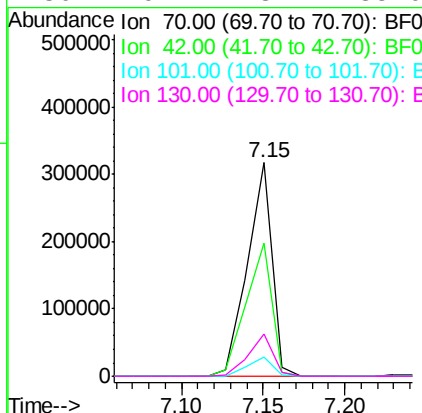
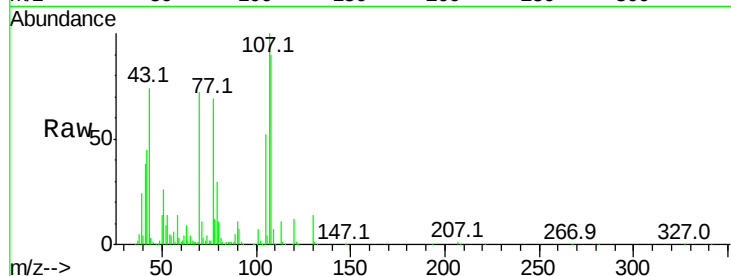
#19
n-Nitroso-di-n-propylamine
Concen: 39.97 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.2	33.3	49.9#
101	9.2	9.3	13.9#
130	19.7	23.4	35.0#

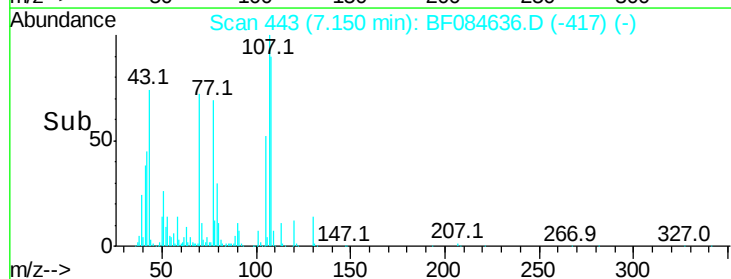
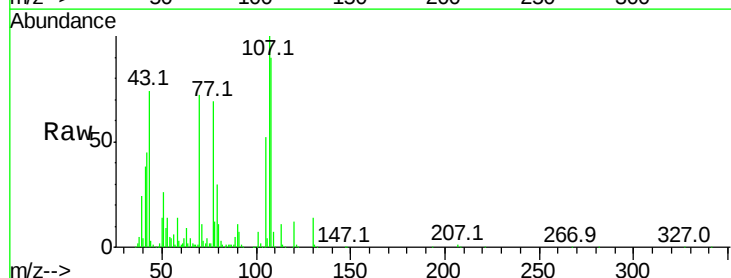
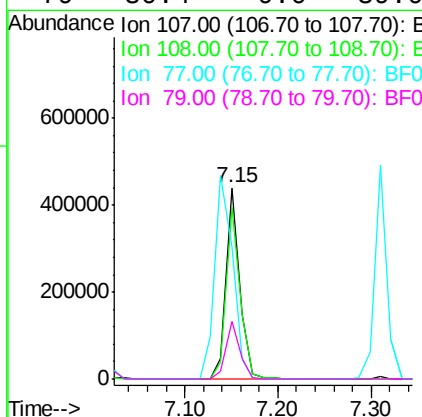
Manual Integrations
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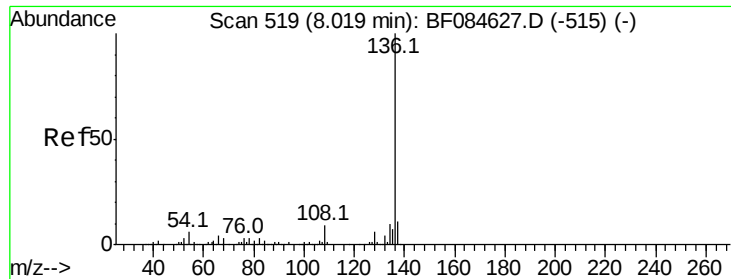
mohammad
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#20
3+4-Methylphenols
Concen: 37.76 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	74.6	114.6
77	68.9	0.7	40.7#
79	30.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

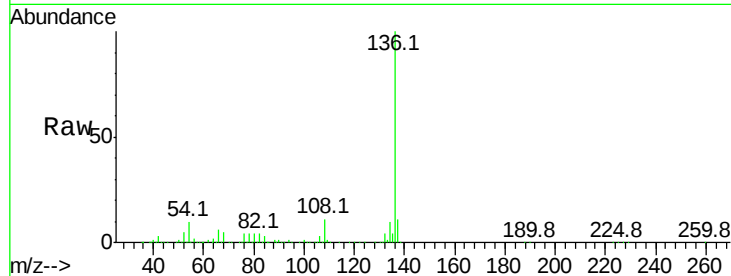
ClientSampleId :

PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	669609		
137	11.1	8.7	13.1	
54	10.3	5.8	8.8	
68	5.3	4.2	6.2	

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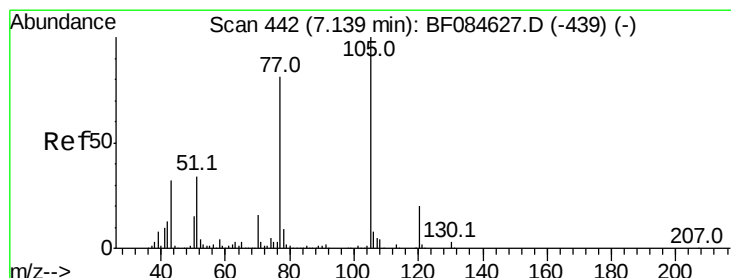
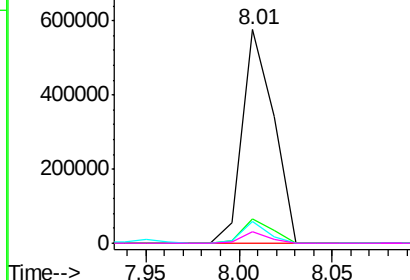
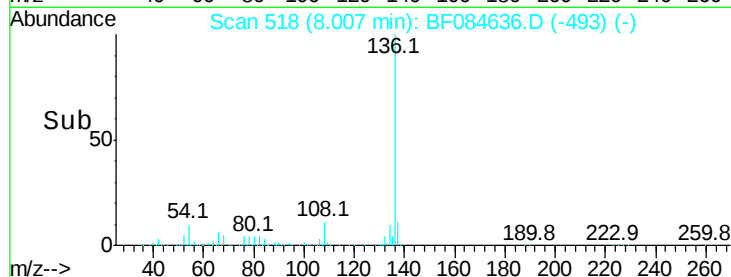


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.74 ng

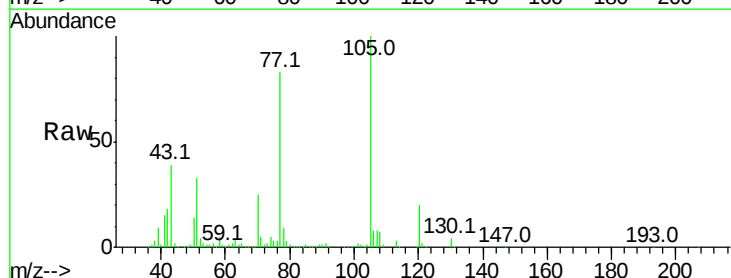
RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	625012		
71	4.5	3.7	5.5	
51	33.0	25.1	37.7	
120	20.4	16.6	25.0	

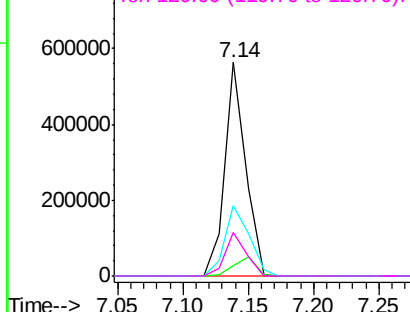
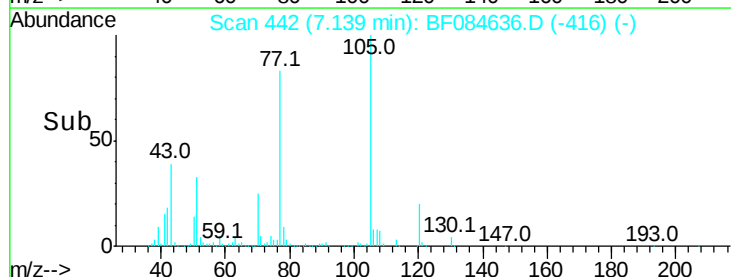


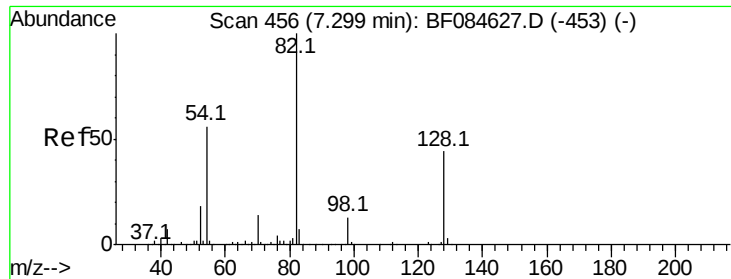
Abundance Ion 105.00 (104.70 to 105.70): E

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





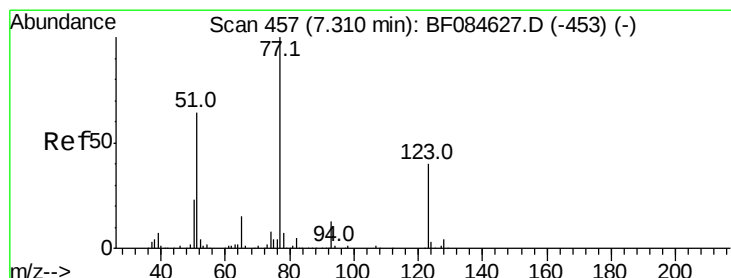
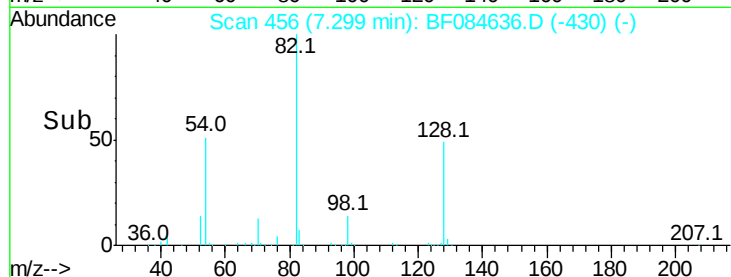
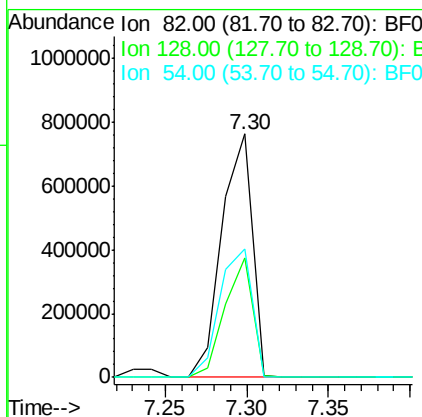
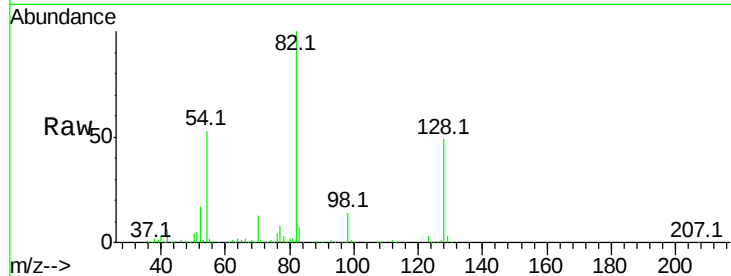
#23
 Nitrobenzene-d5
 Concen: 82.15 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampled :
 PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	984251		
128	48.9		34.6	51.8
54	52.7		38.4	57.6

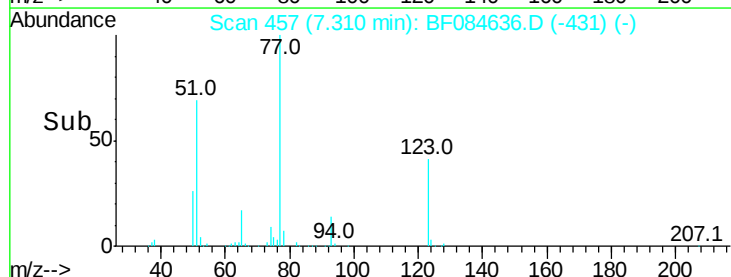
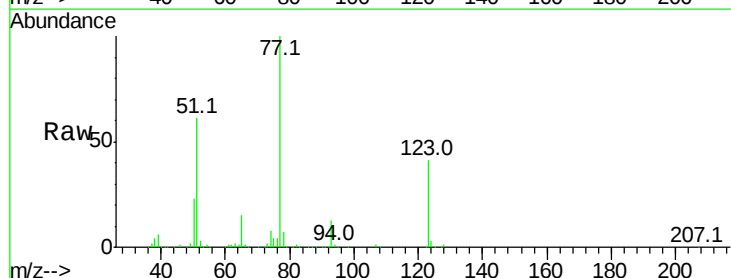
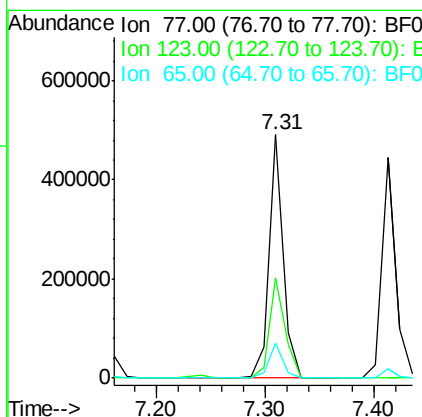
Manual Integrations
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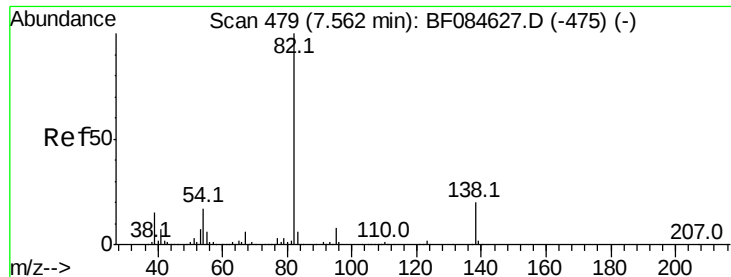
mohammad
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#24
 Nitrobenzene
 Concen: 35.07 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	446574		
123	41.2		37.4	56.2
65	14.6		10.9	16.3





#25

Isophorone

Concen: 38.82 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

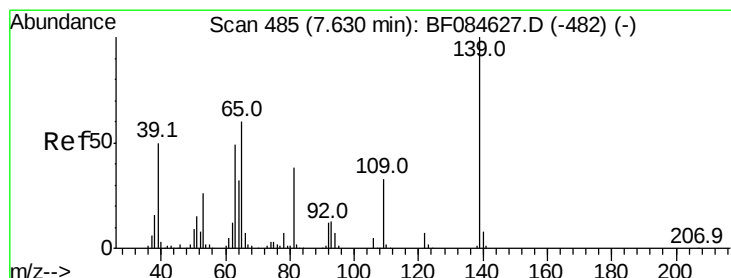
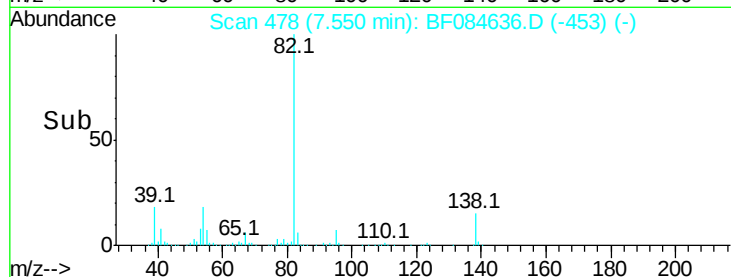
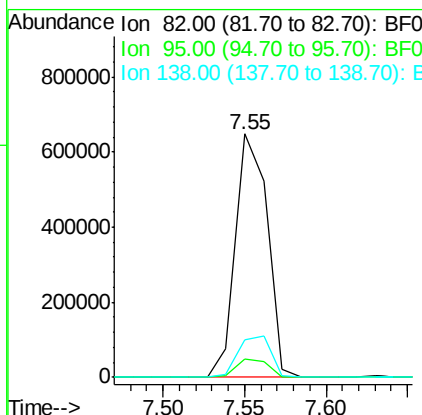
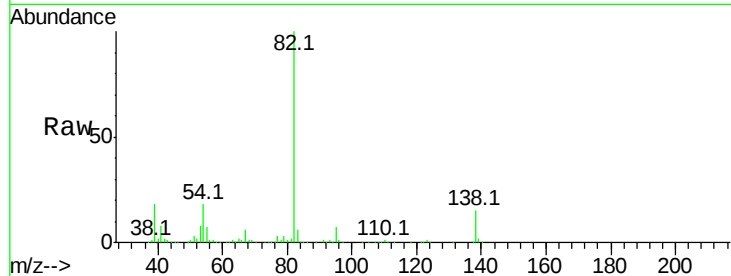
ClientSampleId :

PB88072BS

Tot Ion:	82	Resp:	871330
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.6	10.0
138	15.4	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.79 ng

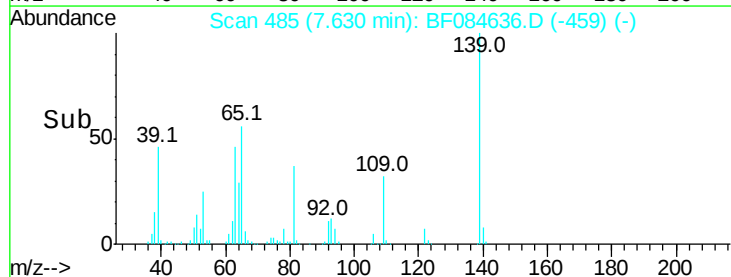
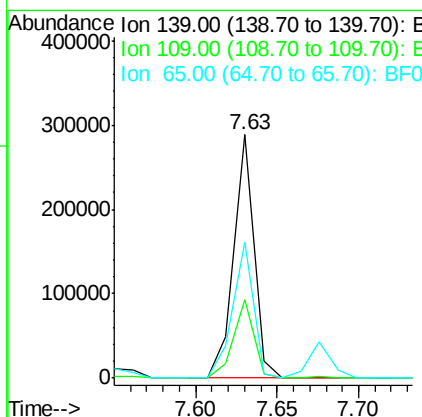
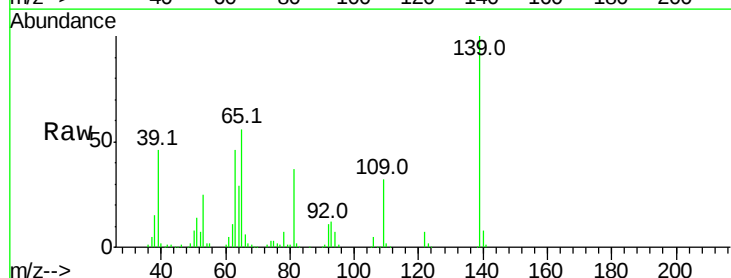
RT: 7.63 min Scan# 485

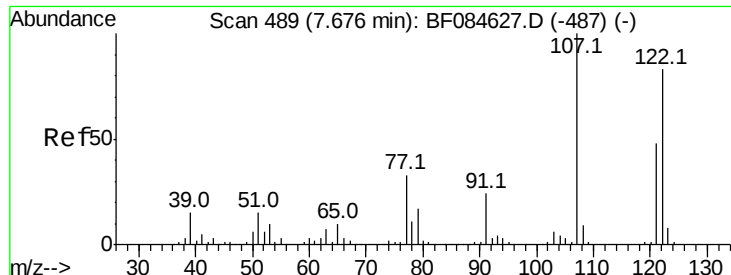
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	139	Resp:	247029
Ion Ratio	Lower	Upper	
139	100		
109	32.2	25.4	38.2
65	55.9	32.3	48.5#





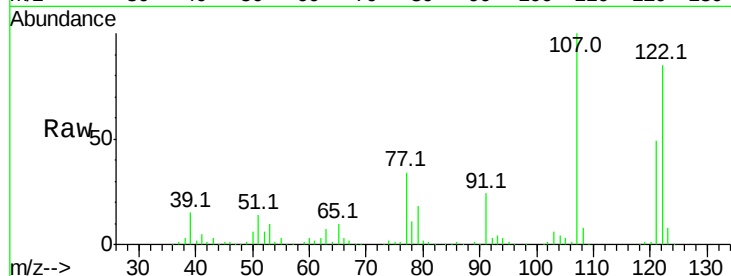
#27
 2,4-Dimethylphenol
 Concen: 39.63 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

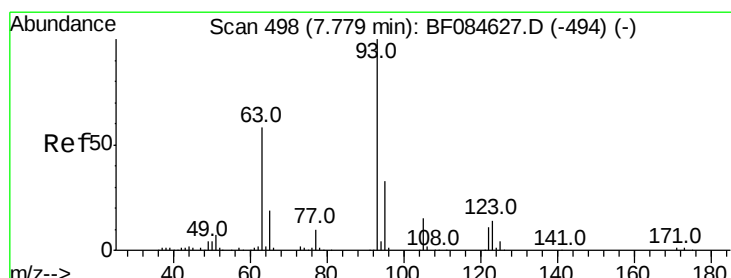
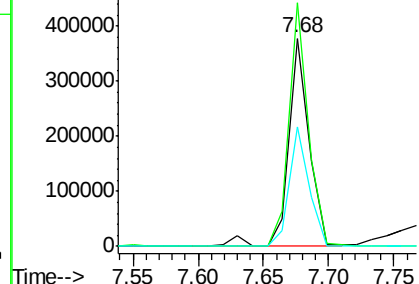
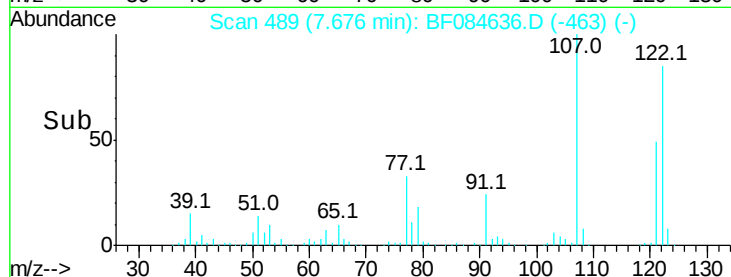
Tot Ion	Ratio	Resp	Lower	Upper
122	100	420544		
107	117.0		99.1	148.7
121	57.2		47.9	71.9

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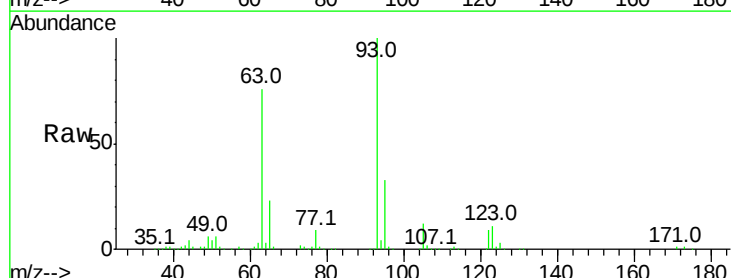


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

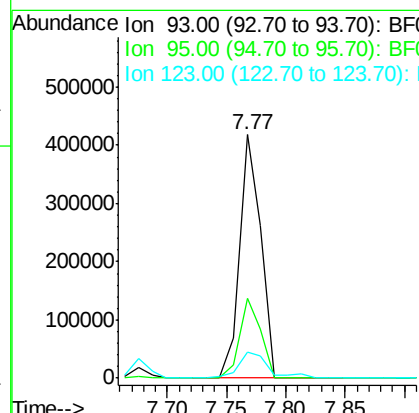
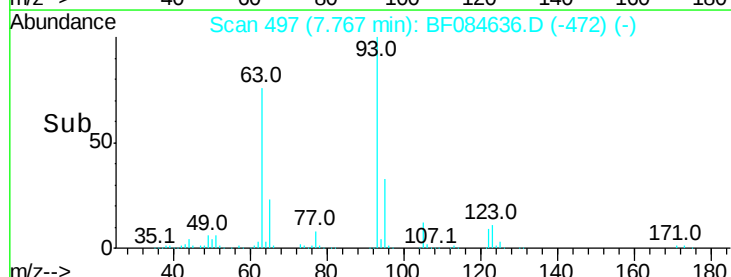


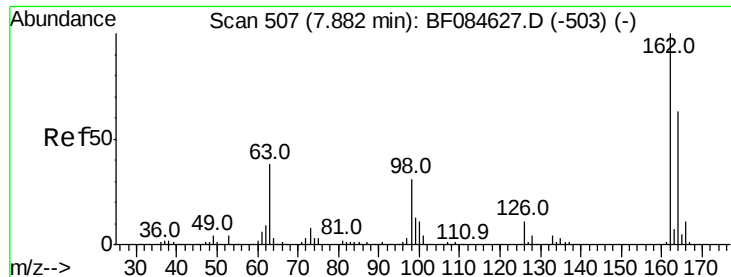
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.41 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	517443		
95	32.6		25.8	38.6
123	10.6		8.6	12.8



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





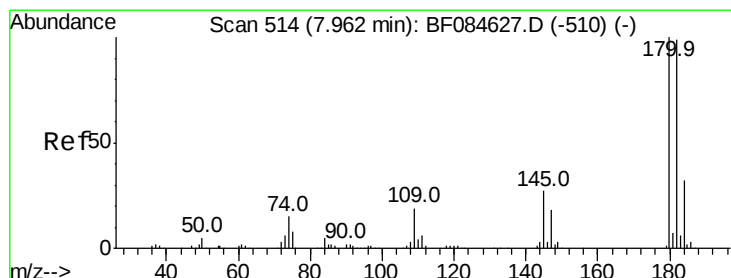
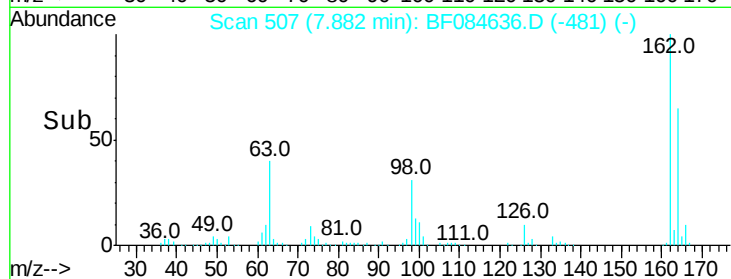
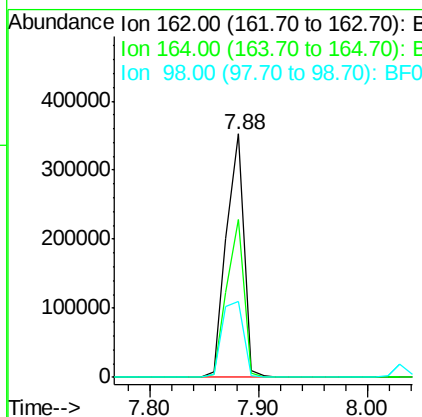
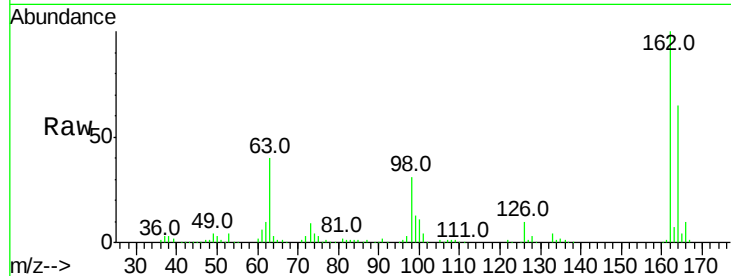
#29
 2,4-Dichlorophenol
 Concen: 42.39 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion:	162	Resp:	393420
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.1	84.1
98	31.1	20.2	60.2

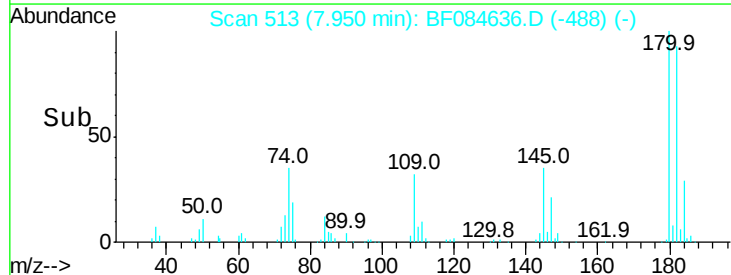
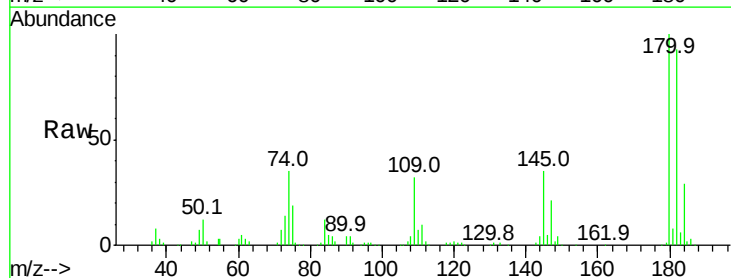
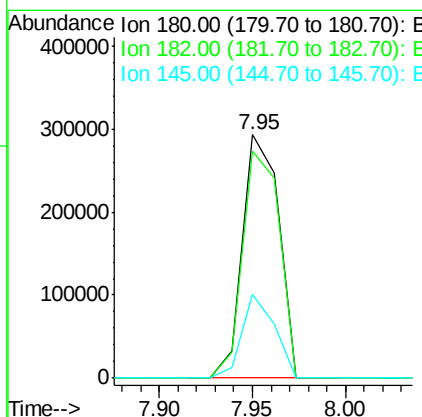
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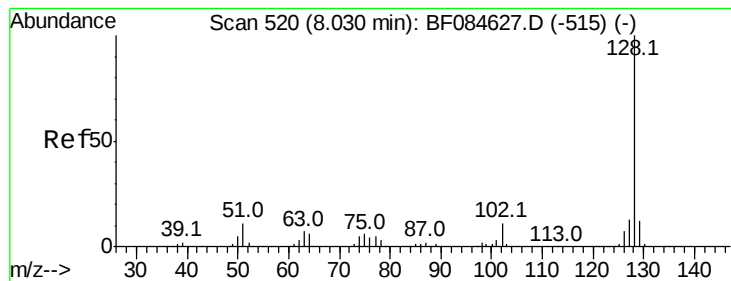
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.17 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion:	180	Resp:	394526
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.4	114.6
145	34.6	31.6	47.4





#31

Naphthalene

Concen: 35.84 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tot Ion:128 Resp: 1211450

Ion Ratio Lower Upper

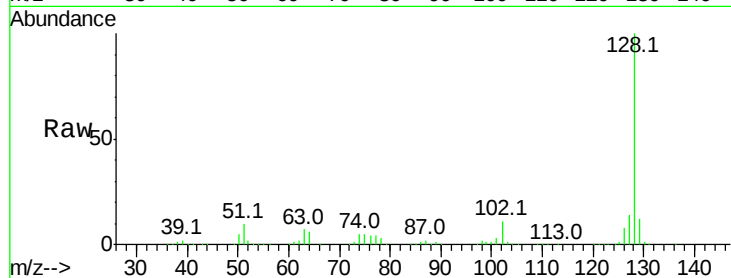
128 100

129 11.7 9.1 13.7

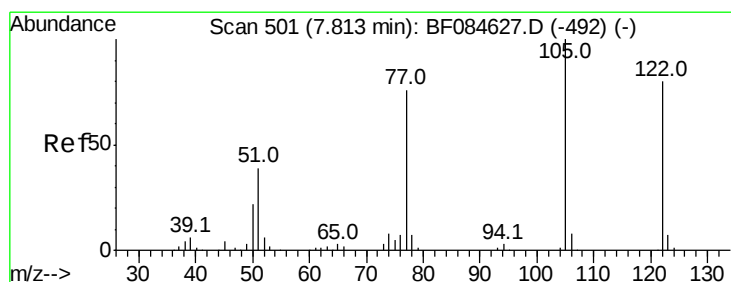
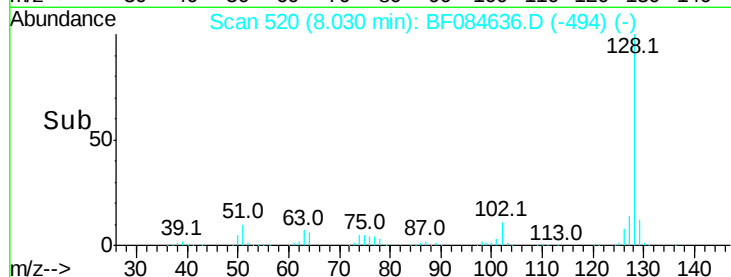
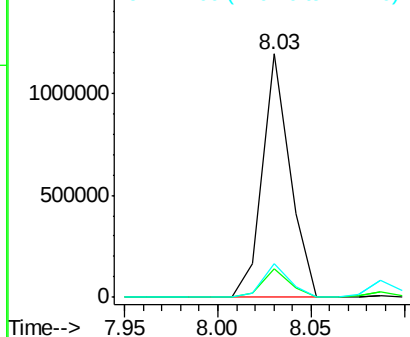
127 13.8 11.1 16.7

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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: 34.14 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

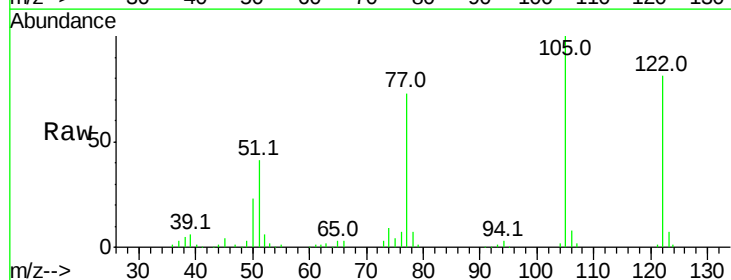
Tgt Ion:122 Resp: 278143

Ion Ratio Lower Upper

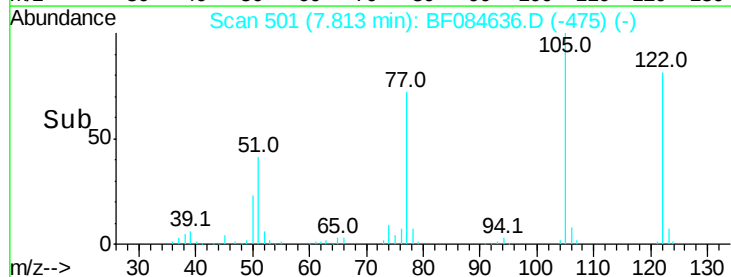
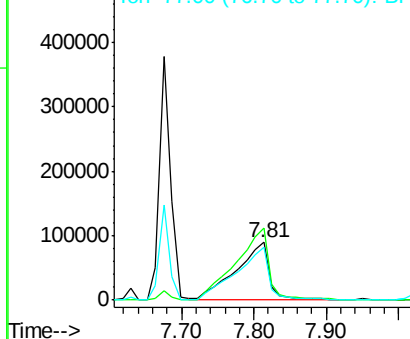
122 100

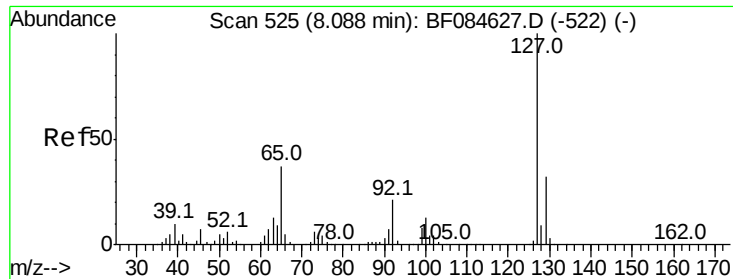
105 124.1 100.3 140.3

77 91.2 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





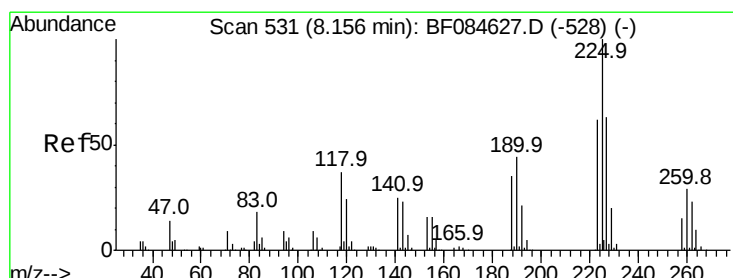
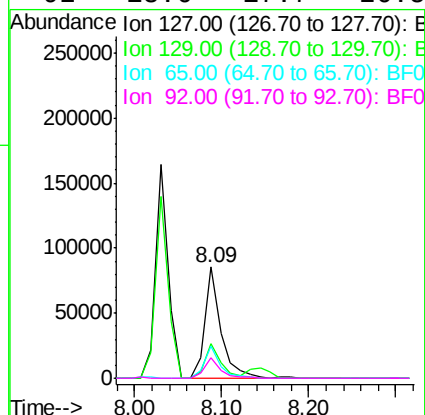
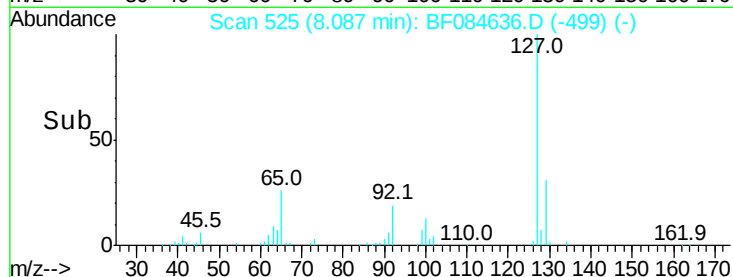
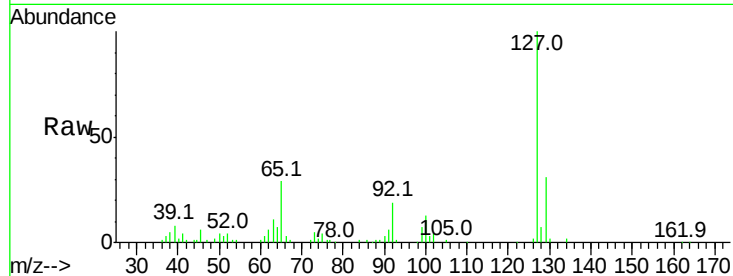
#33
4-Chloroaniline
Concen: 8.03 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.5	39.7
65	28.9	27.2	40.8
92	18.6	17.7	26.5

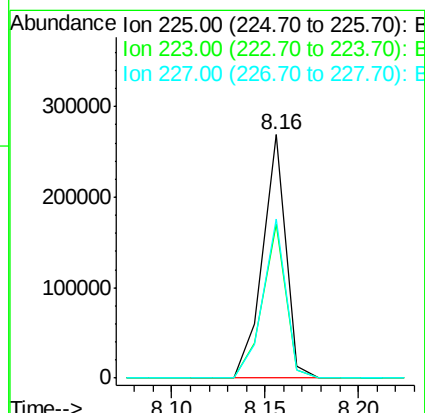
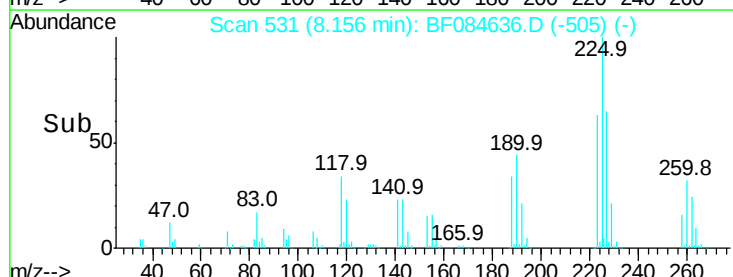
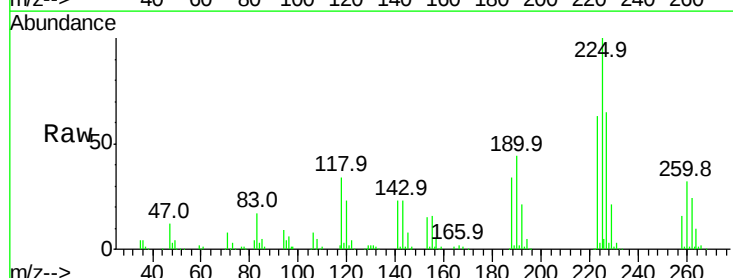
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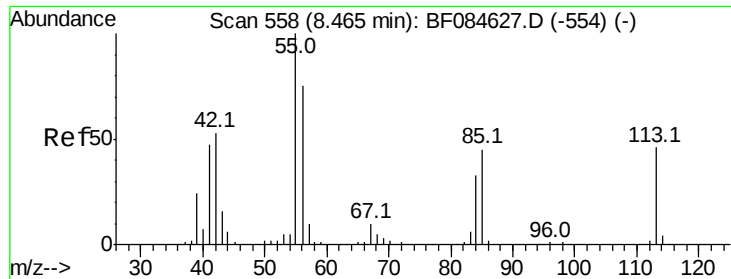
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#34
Hexachlorobutadiene
Concen: 37.54 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	65.1	50.8	76.2





#35

Caprolactam

Concen: 46.02 ng/ml

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tot Ion:113 Resp: 122580

Ion Ratio Lower Upper

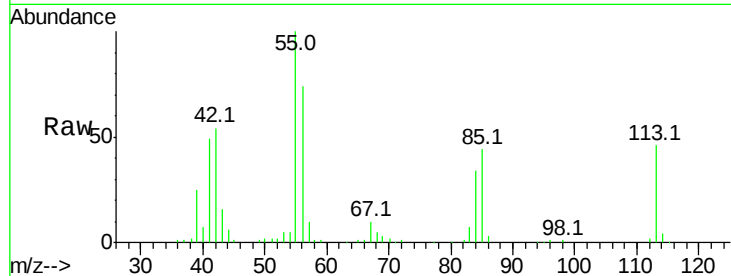
113 100

55 219.0 116.9 156.9#

56 162.3 93.8 133.8#

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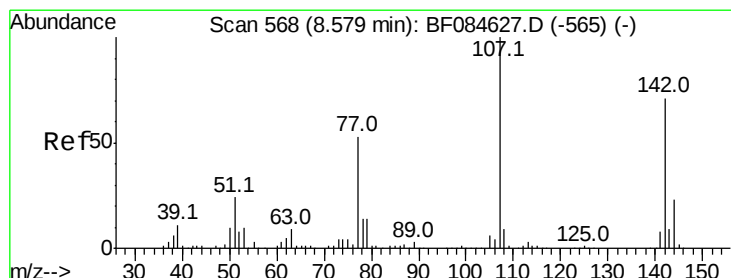
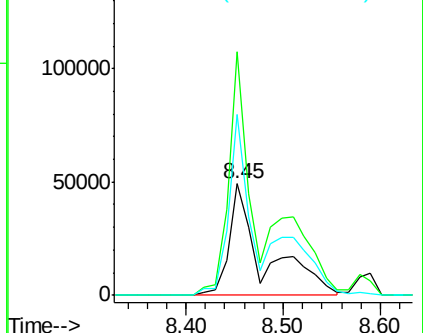
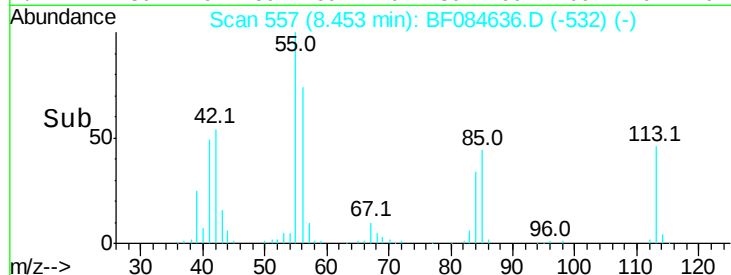
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.63 ng/ml

RT: 8.59 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

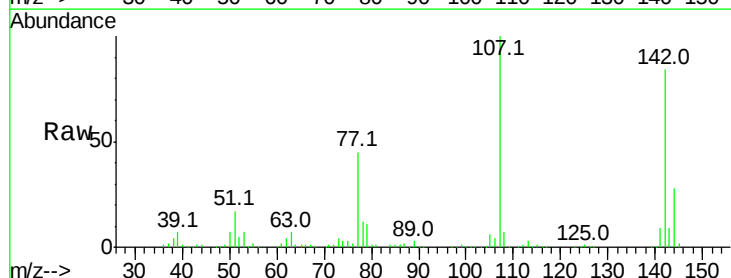
Tgt Ion:107 Resp: 445886

Ion Ratio Lower Upper

107 100

144 27.8 19.7 29.5

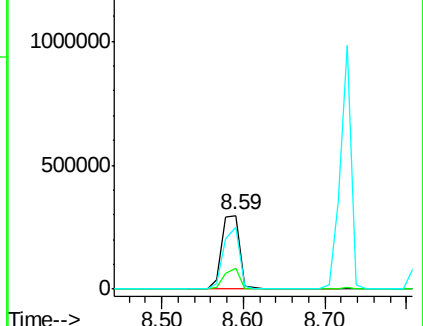
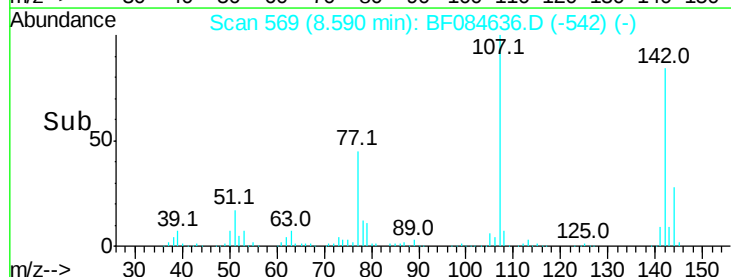
142 84.2 61.8 92.6

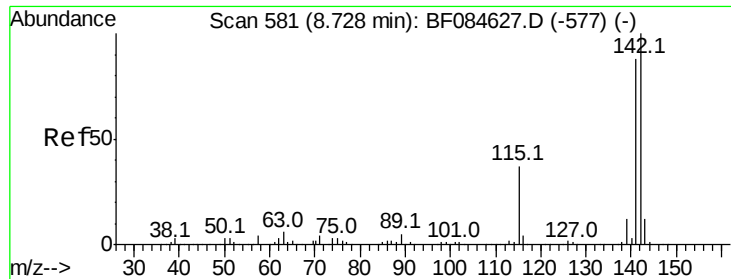


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





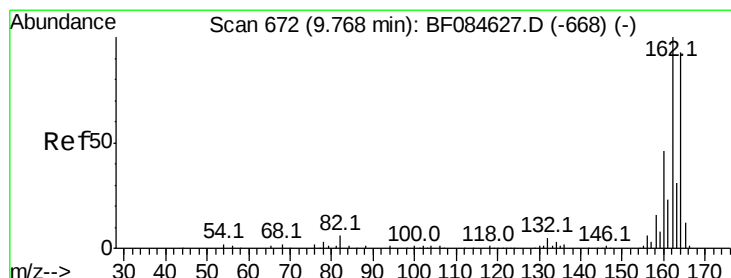
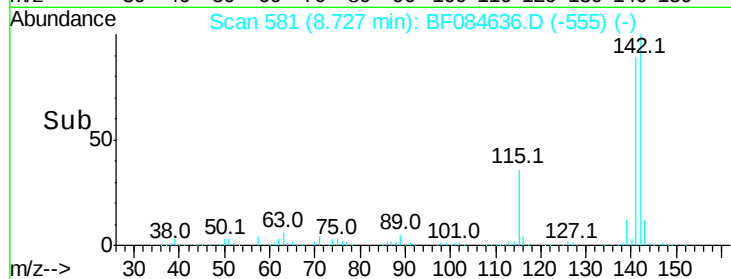
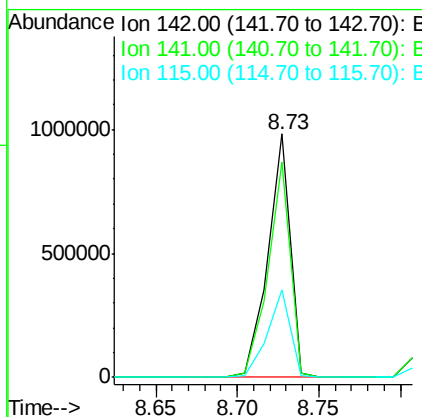
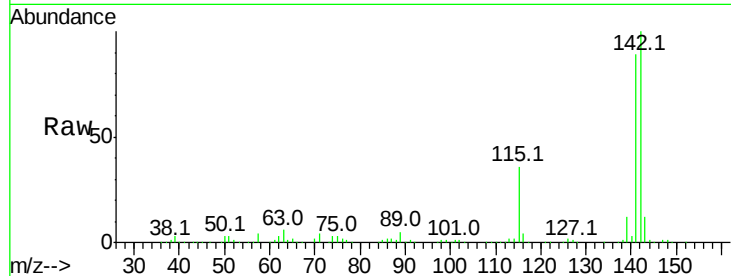
#37
2-Methylnaphthalene
Concen: 45.50 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.4	108.6
115	36.1	27.9	41.9

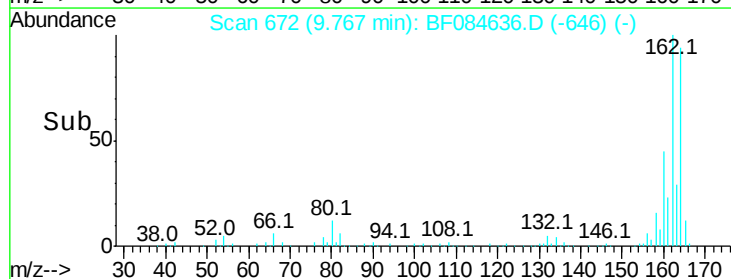
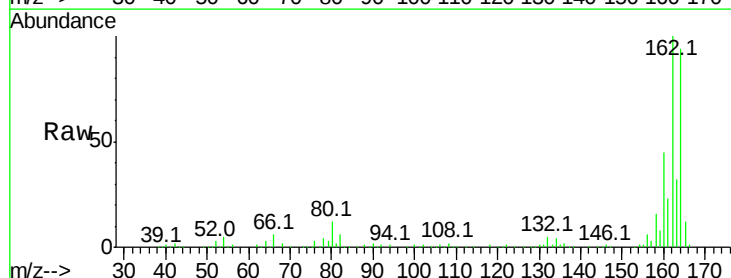
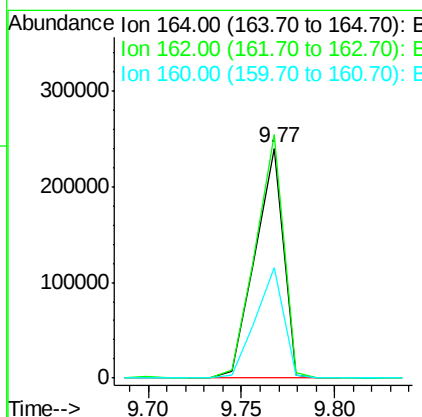
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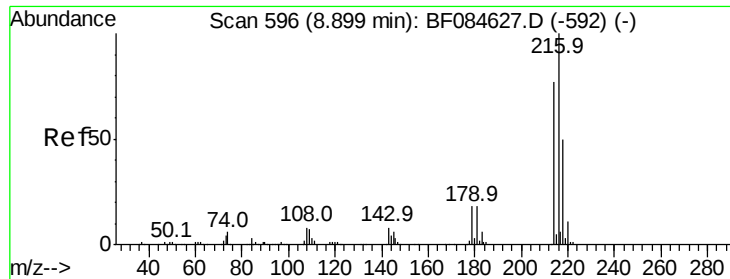
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.1	127.7
160	48.2	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.37 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084636.D

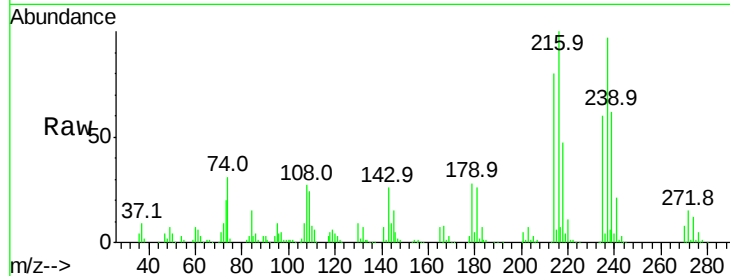
Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

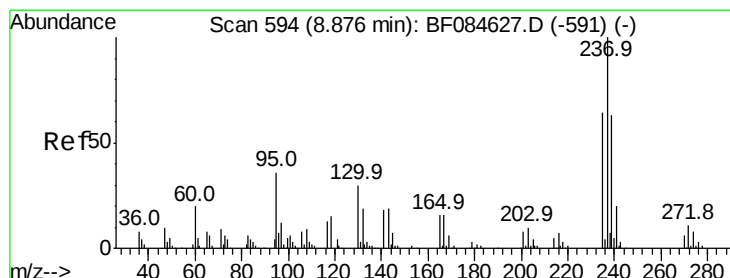
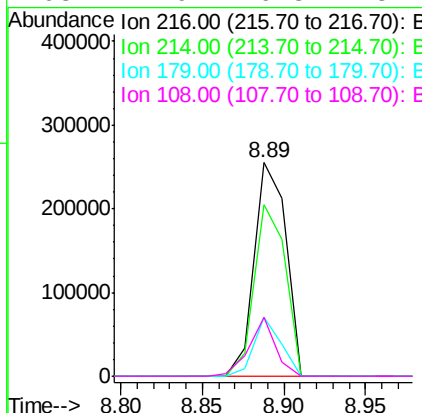
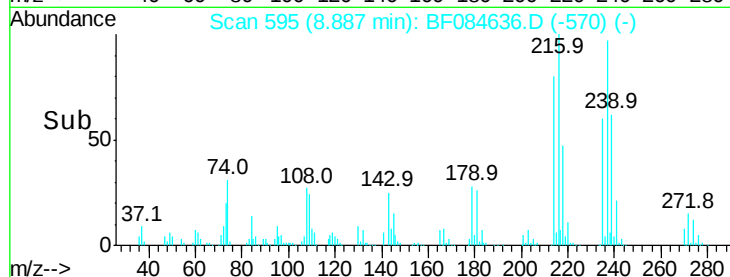
PB88072BS



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	64.2	96.2	
179	23.3	18.7	28.1	
108	22.9	16.8	25.2	

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#40

Hexachlorocyclopentadiene

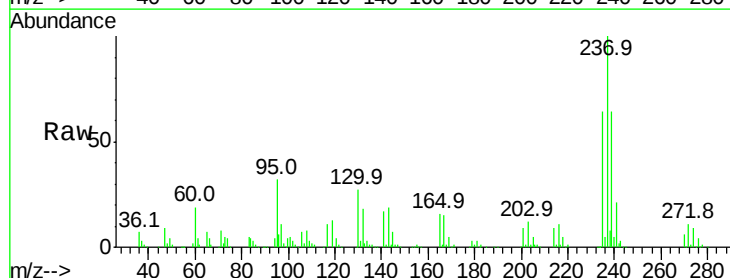
Concen: 110.26 ng

RT: 8.88 min Scan# 594

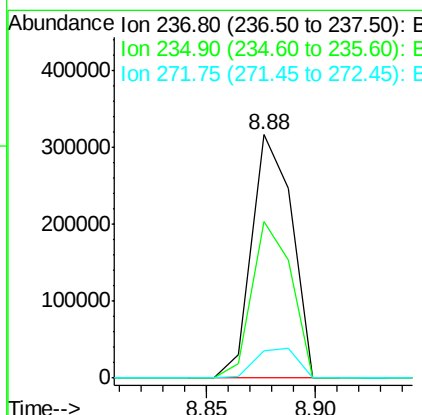
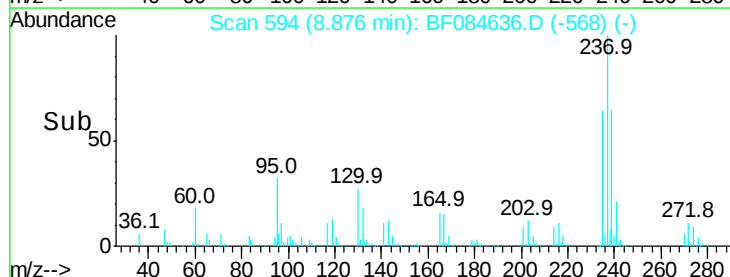
Delta R.T. -0.00 min

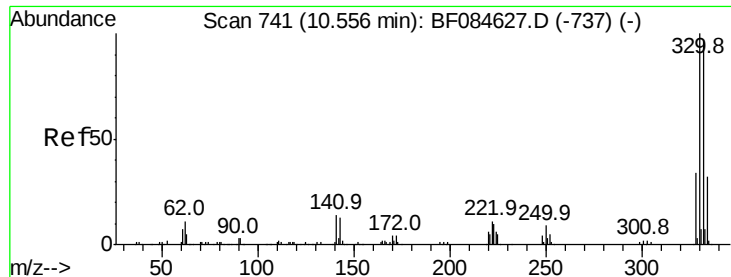
Lab File: BF084636.D

Acq: 29 Jan 2016 15:17



Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.3	43.1	83.1	
272	11.1	0.0	35.1	





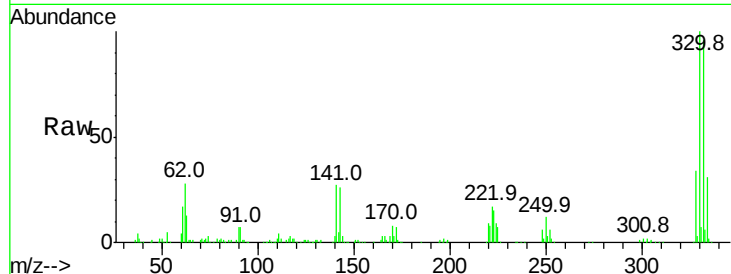
#41
 2,4,6-Tribromophenol
 Concen: 132.02 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleID :
 PB88072BS

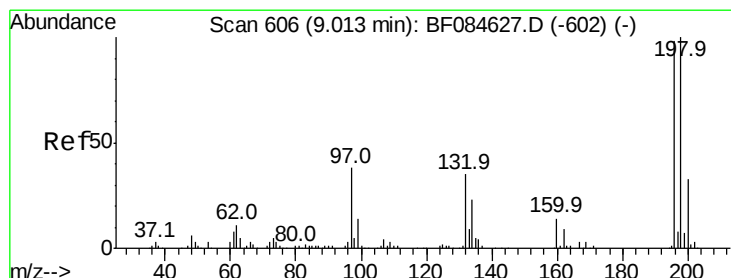
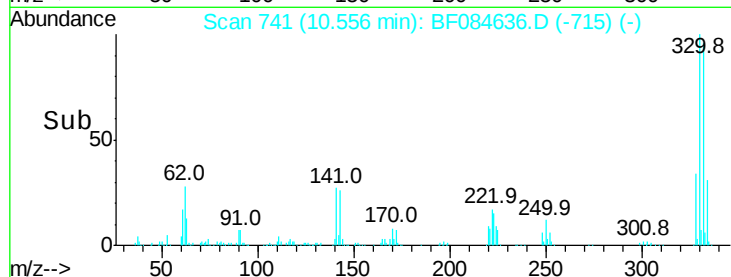
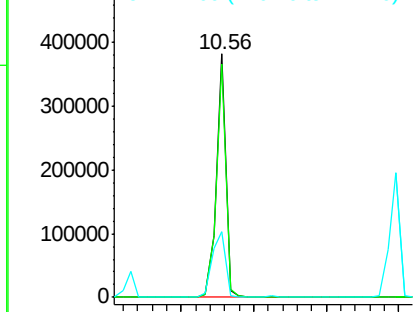
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.6	114.8	
141	37.4	27.8	41.6	

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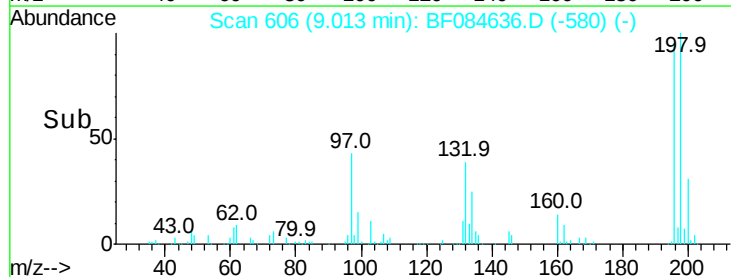
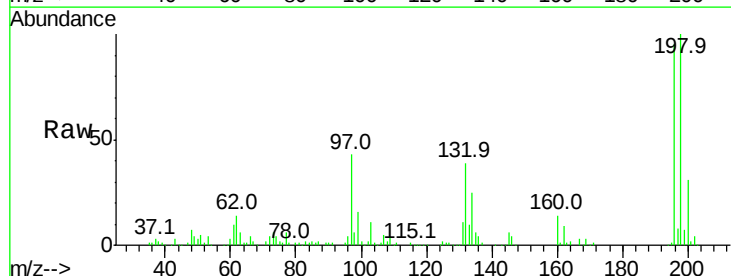
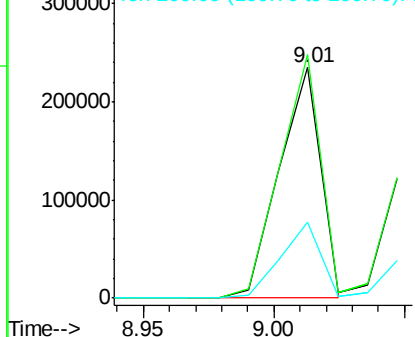
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

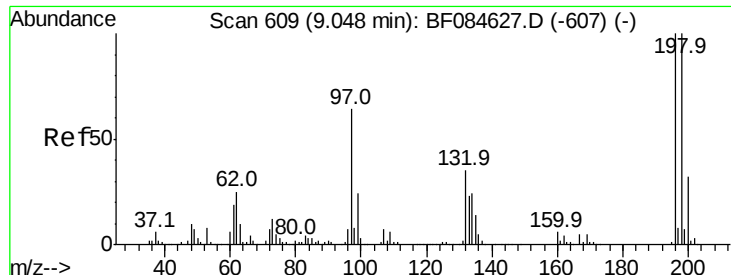


#42
 2,4,6-Trichlorophenol
 Concen: 51.20 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.6	77.7	116.5	
200	32.7	24.6	37.0	

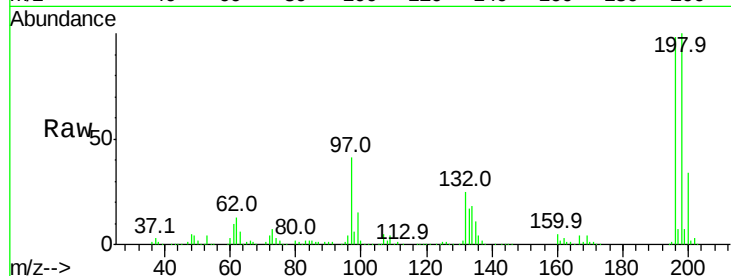
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 55.51 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

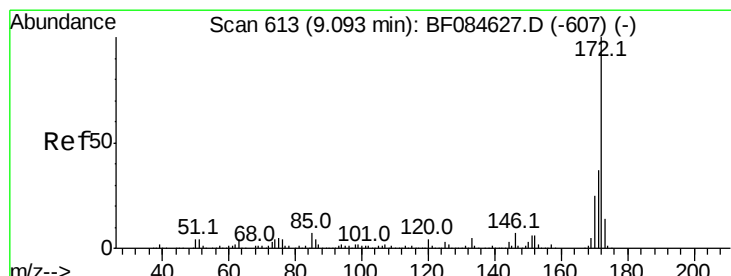
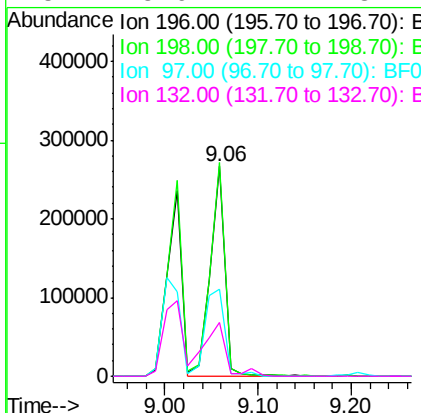
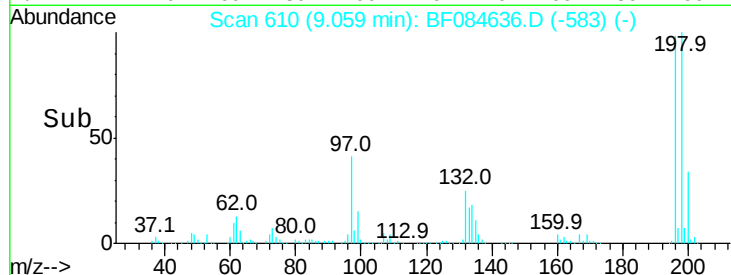
Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS



Tot Ion	196	Resp	289522
Ion Ratio	Lower	Upper	
196	100		
198	101.8	79.0	118.6
97	41.7	33.0	49.6
132	25.6	21.1	31.7

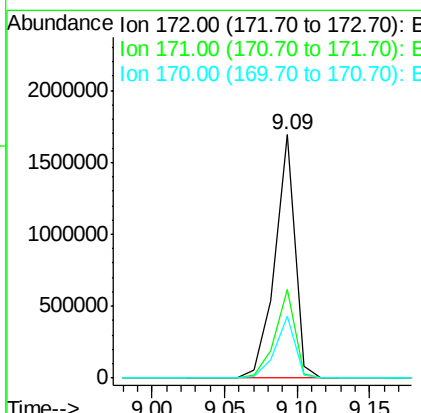
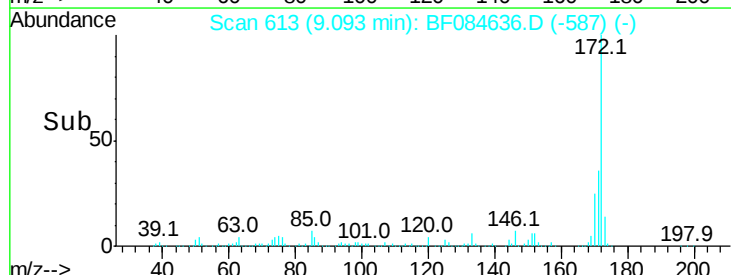
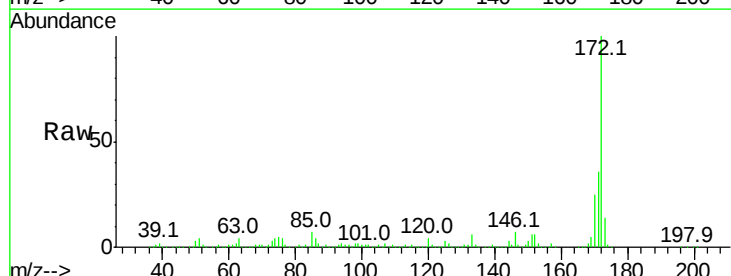
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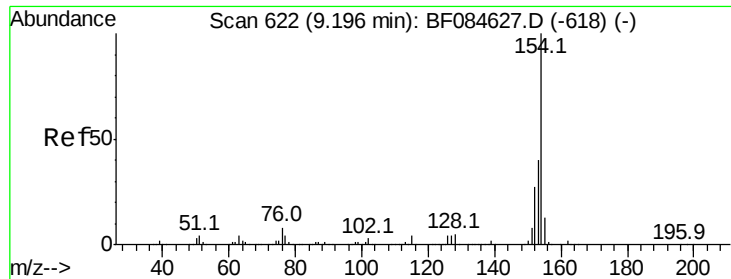
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#44
 2-Fluorobiphenyl
 Concen: 96.72 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	172	Resp	1631655
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.9	43.3
170	25.4	18.6	27.8





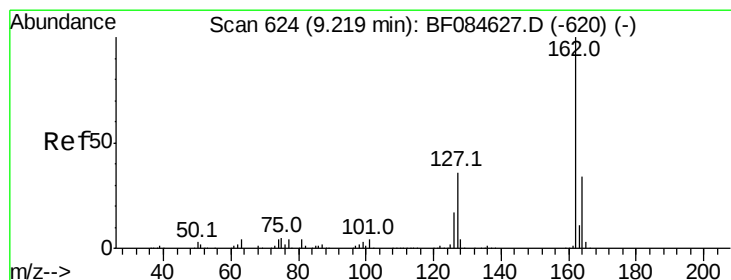
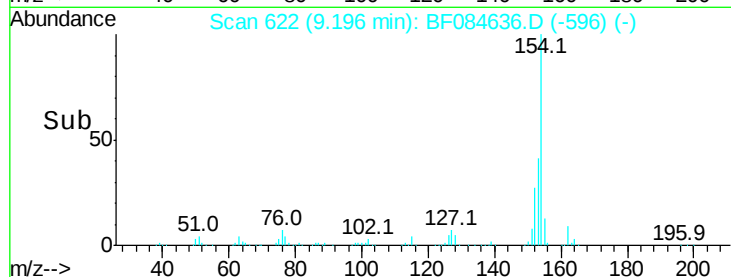
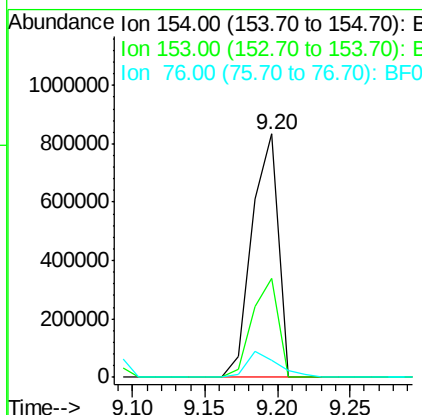
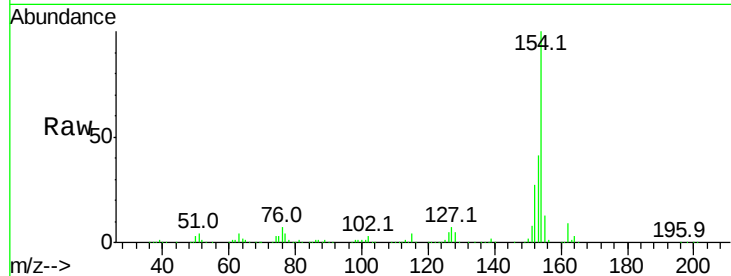
#45
1,1'-Biphenyl
Concen: 45.24 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.6	61.6
76	7.1	0.0	32.7

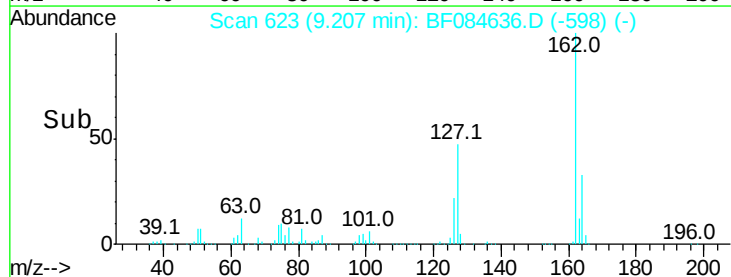
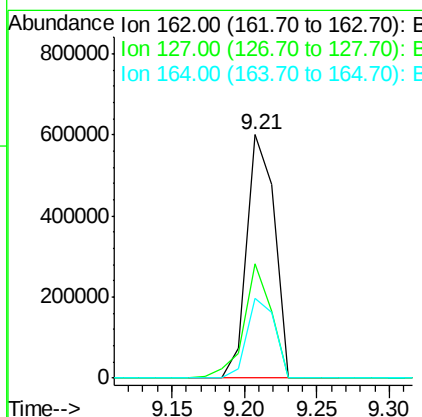
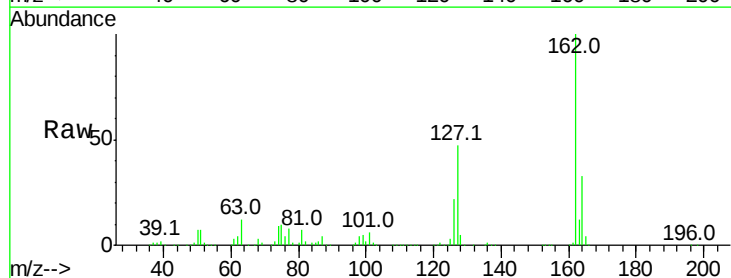
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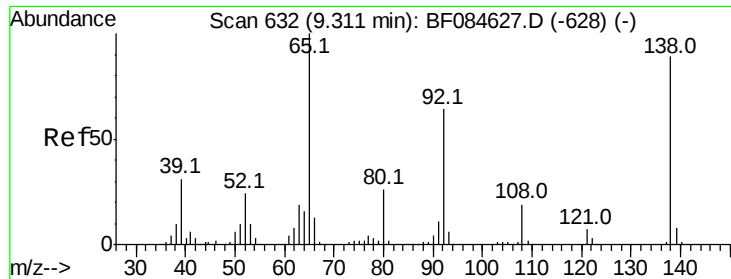
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#46
2-Chloronaphthalene
Concen: 47.21 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.1	40.2	60.4
164	32.8	25.7	38.5





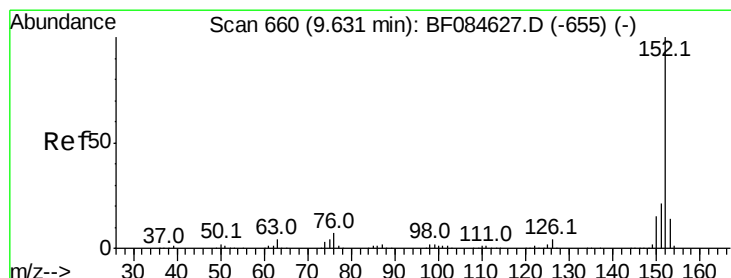
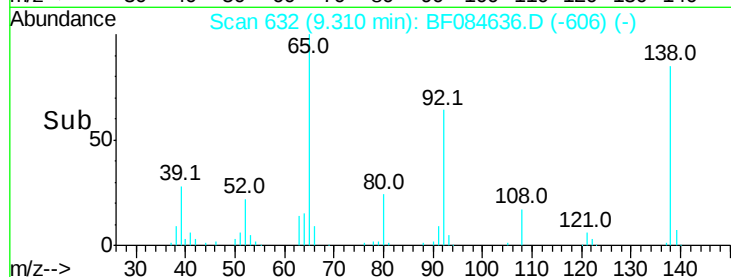
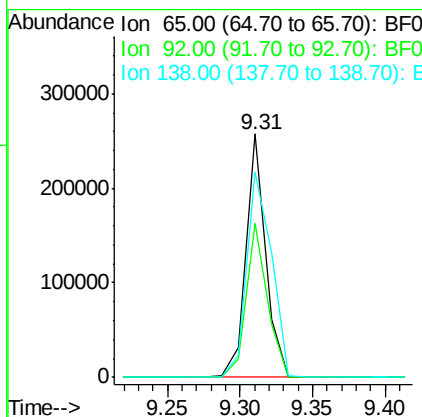
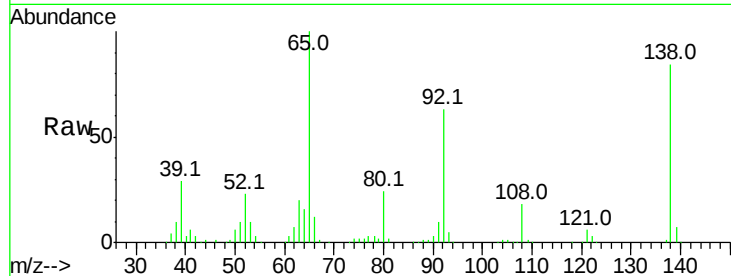
#47
2-Nitroaniline
Concen: 48.24 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	53.4	80.2
138	84.5	71.1	106.7

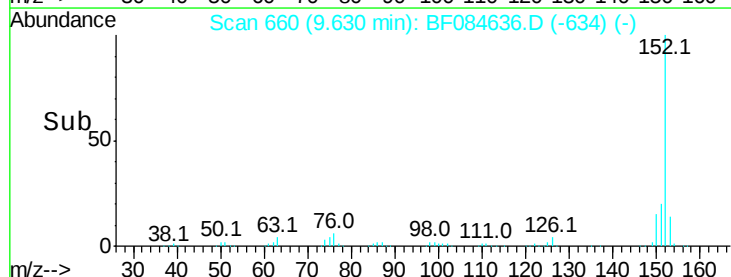
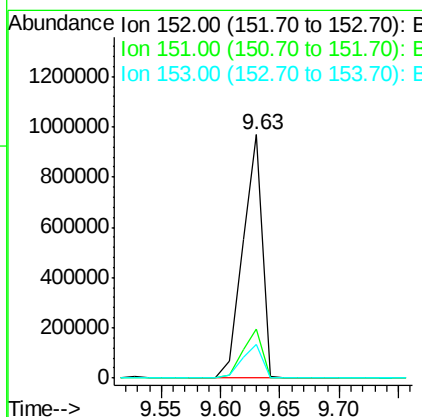
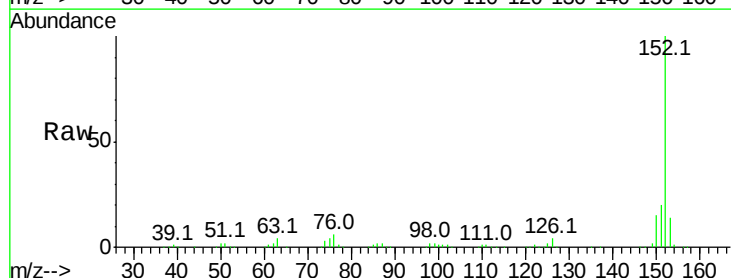
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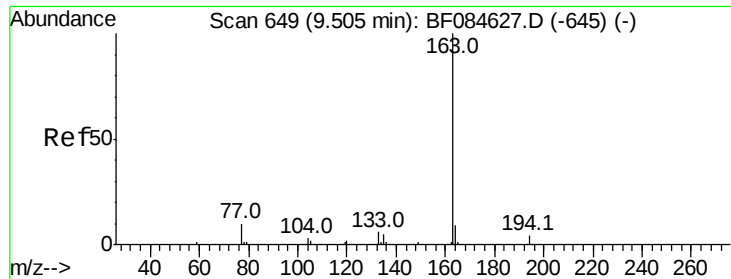
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#48
Acenaphthylene
Concen: 42.99 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	14.0	10.4	15.6





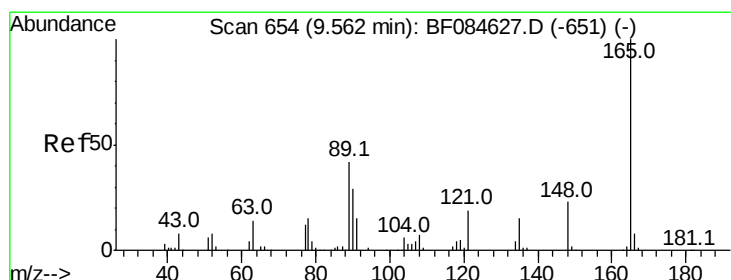
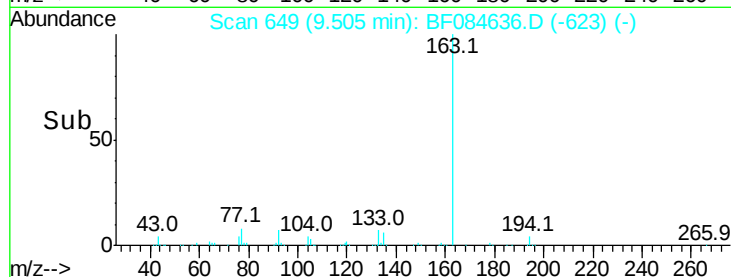
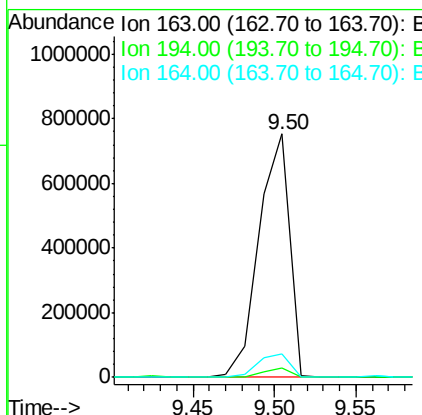
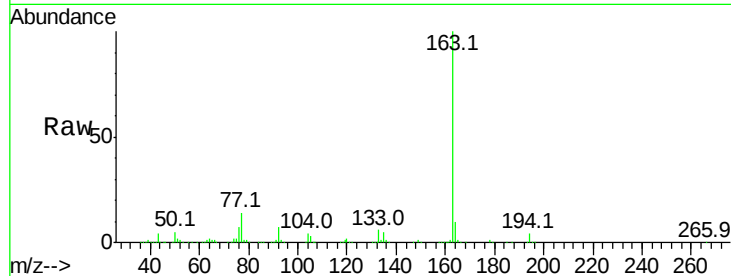
#49
Dimethylphthalate
Concen: 52.22 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	9.8	8.0	12.0

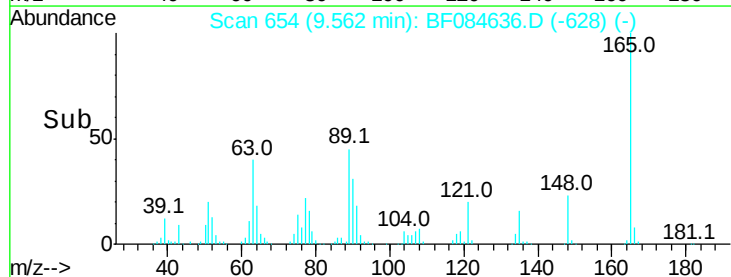
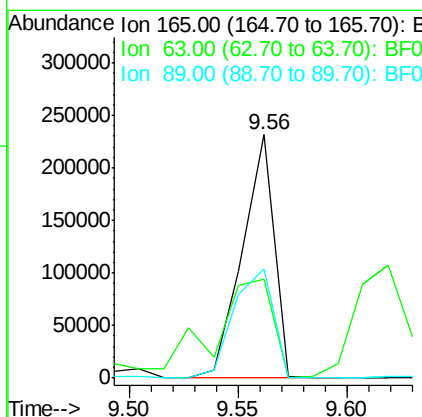
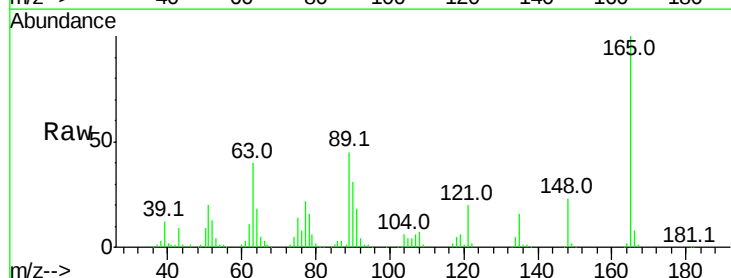
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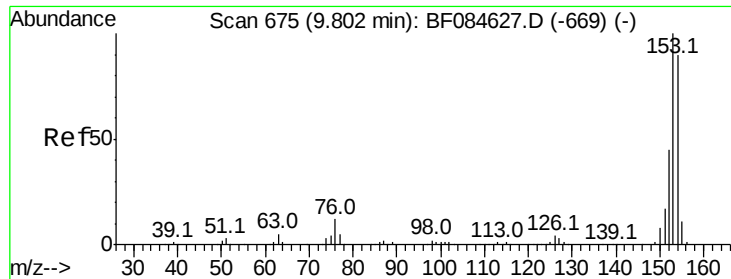
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#50
2,6-Dinitrotoluene
Concen: 56.56 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	40.4	28.8	43.2
89	44.7	35.1	52.7





#51

Acenaphthene

Concen: 40.69 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

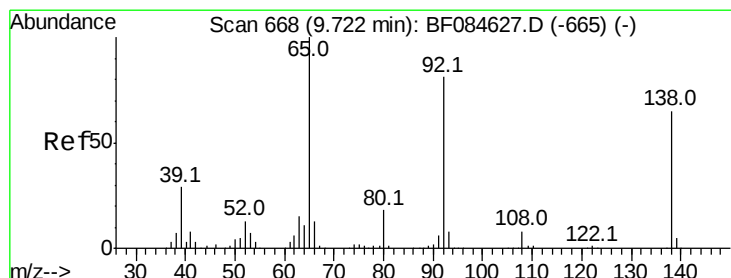
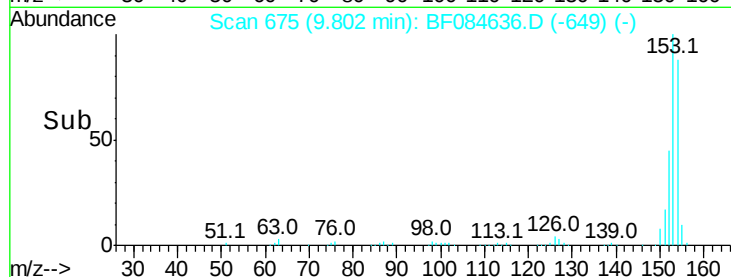
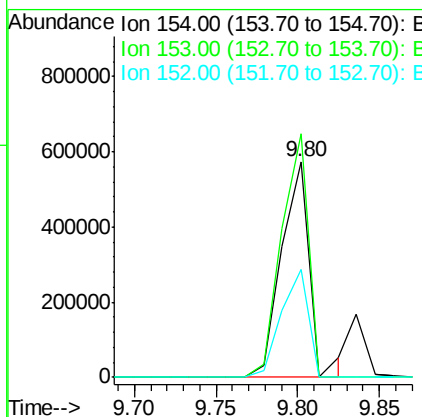
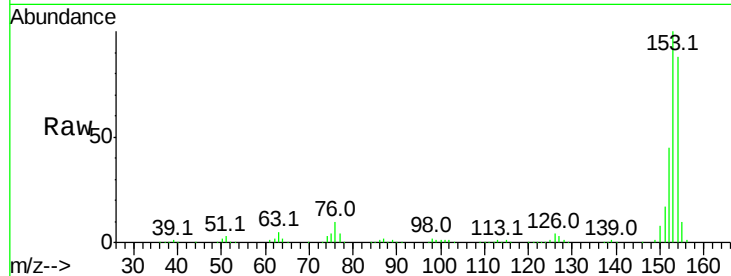
ClientSampleId :

PB88072BS

Tot Ion:	154	Resp:	692263
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.5	137.3
152	50.3	43.0	64.6

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#52

3-Nitroaniline

Concen: 13.44 ng

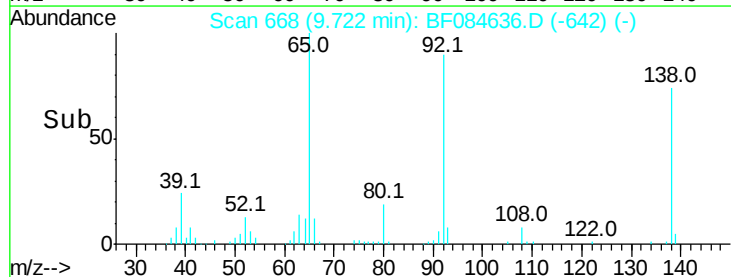
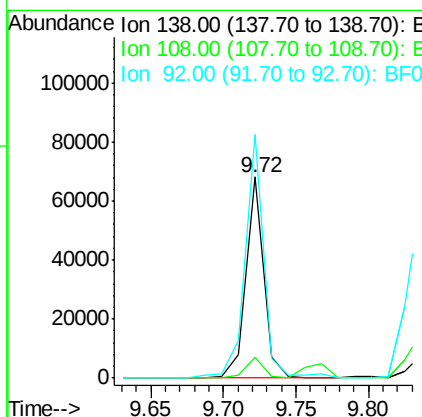
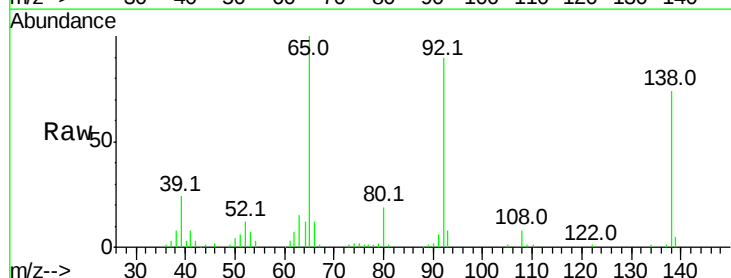
RT: 9.72 min Scan# 668

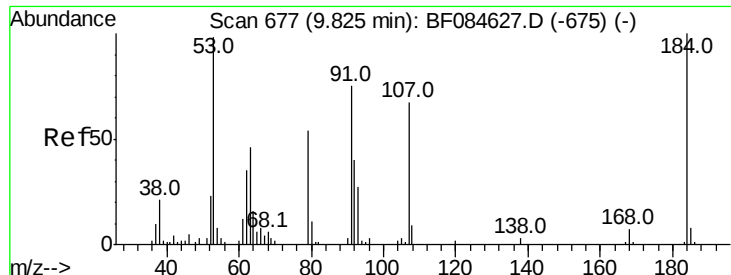
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	138	Resp:	58155
Ion Ratio	Lower	Upper	
138	100		
108	10.5	10.5	15.7#
92	120.9	103.9	155.9





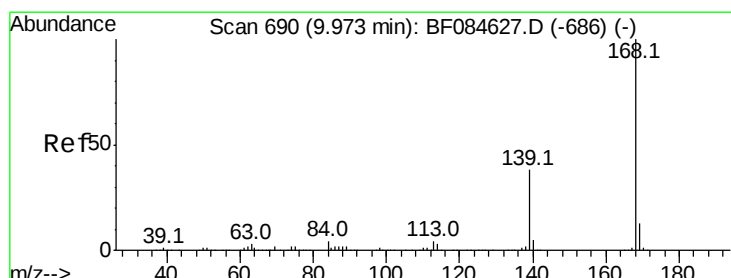
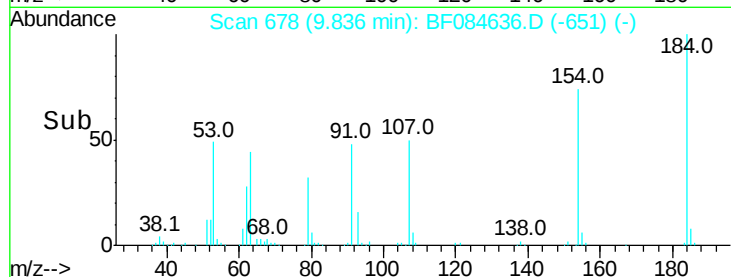
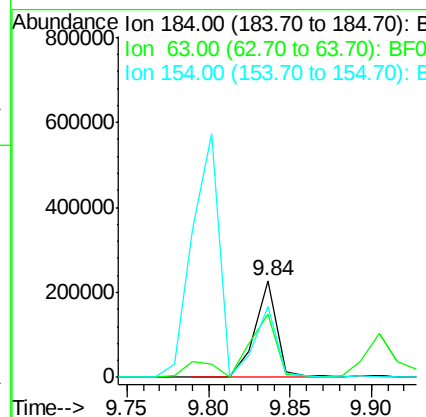
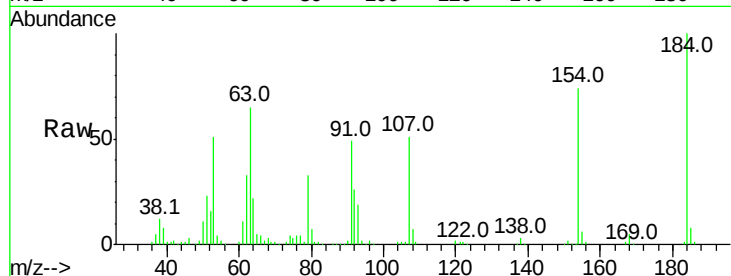
#53
 2,4-Dinitrophenol
 Concen: 105.04 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	214621		
63	64.7	43.1	64.7	
154	73.6	60.5	90.7	

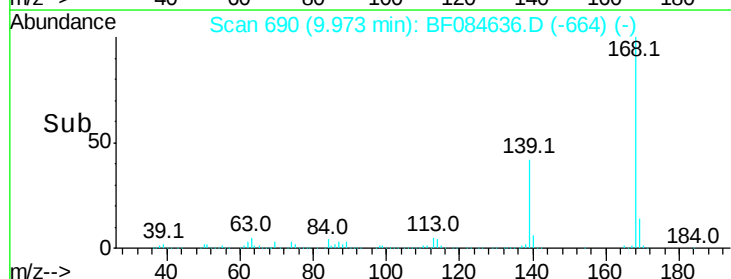
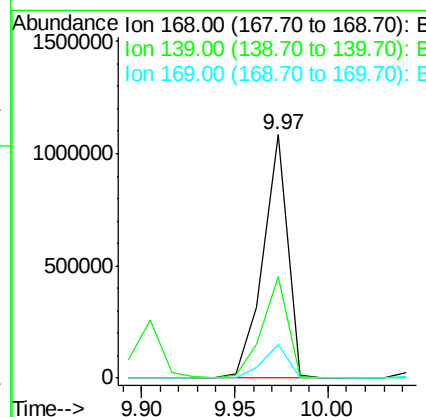
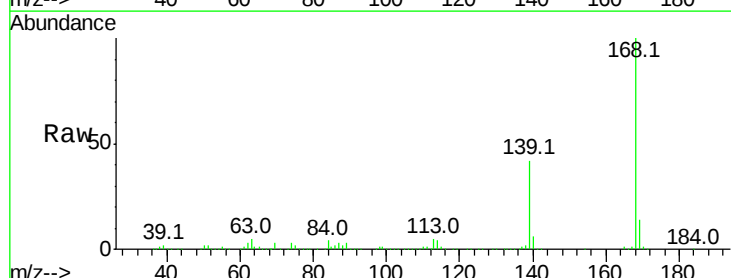
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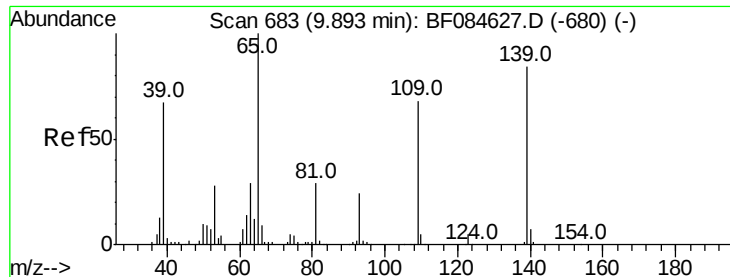
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#54
 Dibenzofuran
 Concen: 48.56 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	985821		
139	41.5	30.5	45.7	
169	13.7	10.4	15.6	





#55

4-Nitrophenol

Concen: 80.70 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

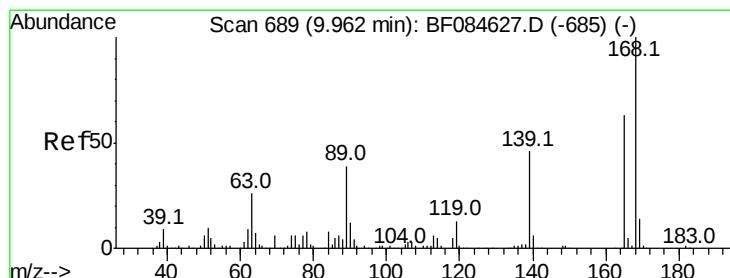
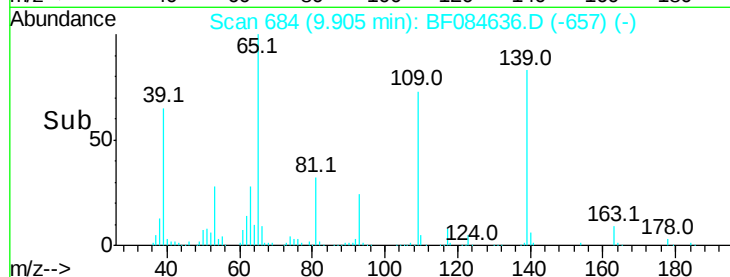
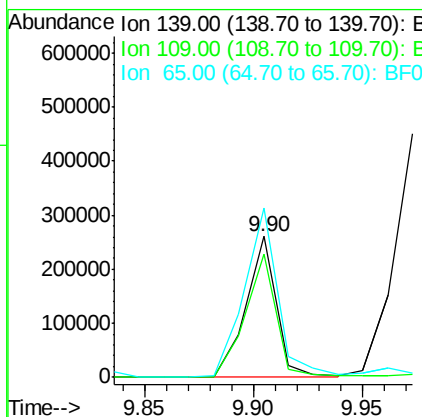
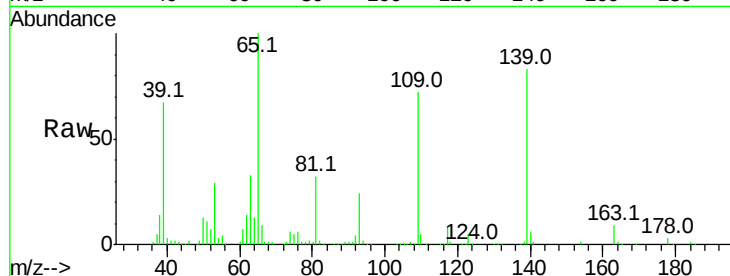
ClientSampleId :

PB88072BS

Tot Ion:	139	Resp:	256480
Ion Ratio	Lower	Upper	
139	100		
109	87.3	58.5	98.5
65	120.6	57.6	97.6#

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#56

2,4-Dinitrotoluene

Concen: 46.32 ng

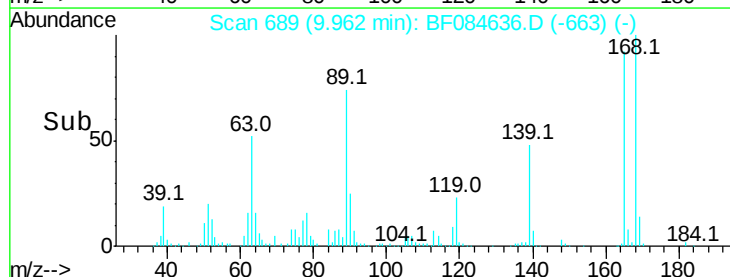
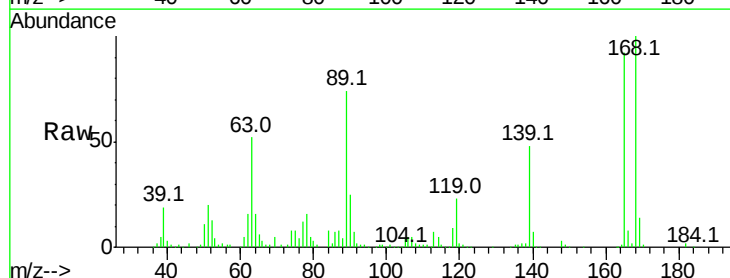
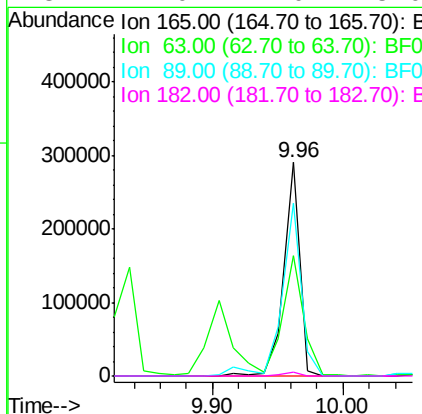
RT: 9.96 min Scan# 689

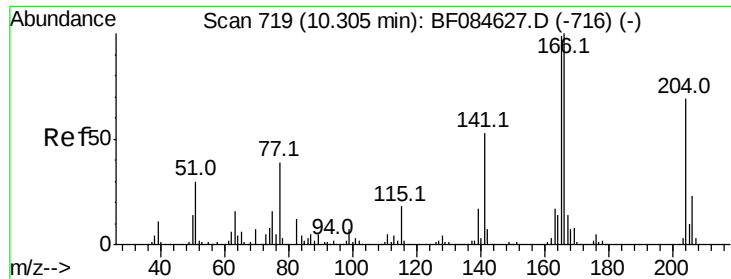
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	165	Resp:	249177
Ion Ratio	Lower	Upper	
165	100		
63	56.3	36.7	55.1#
89	81.1	61.9	92.9
182	2.0	2.0	3.0





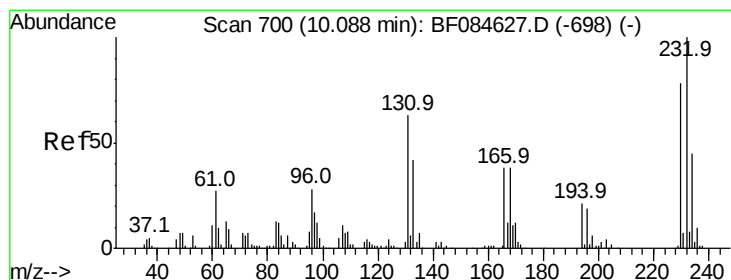
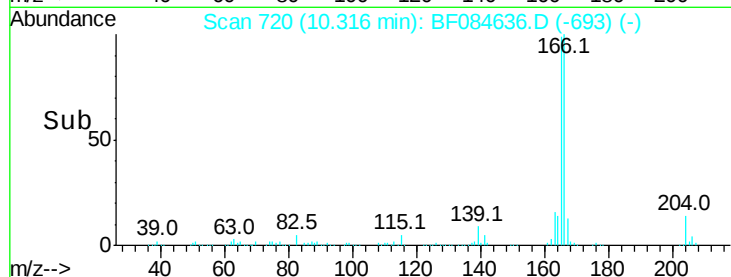
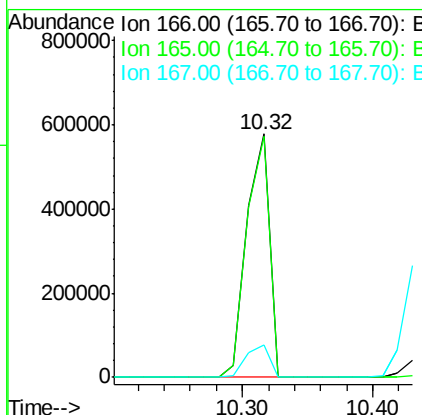
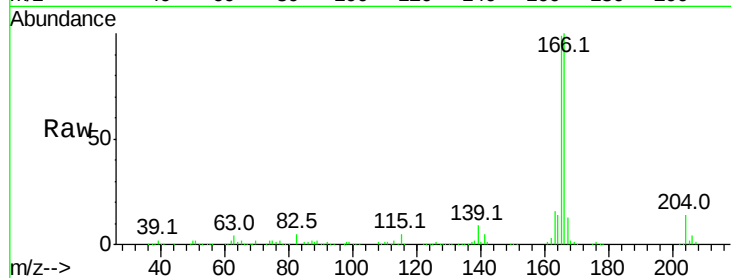
#57
Fluorene
 Concen: 40.68 ng
 RT: 10.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	700026		
165	98.9		79.1	118.7
167	13.2		10.4	15.6

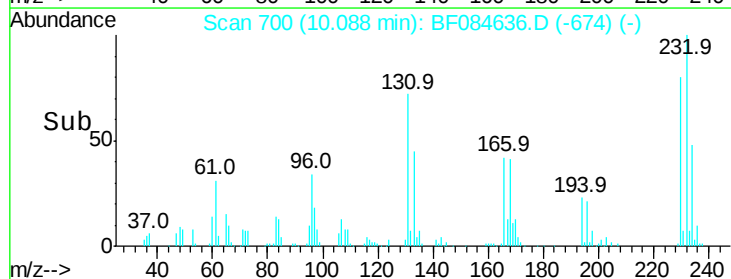
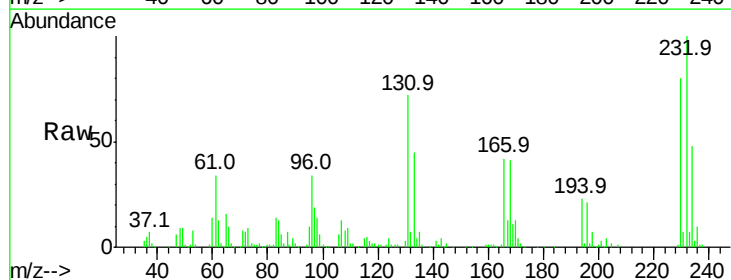
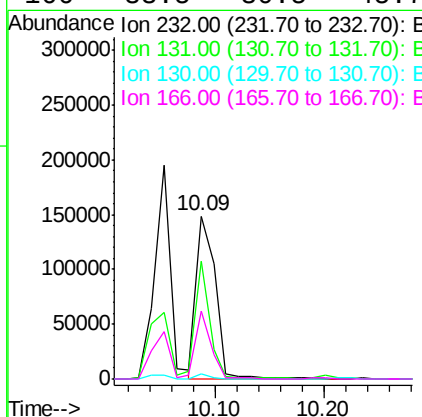
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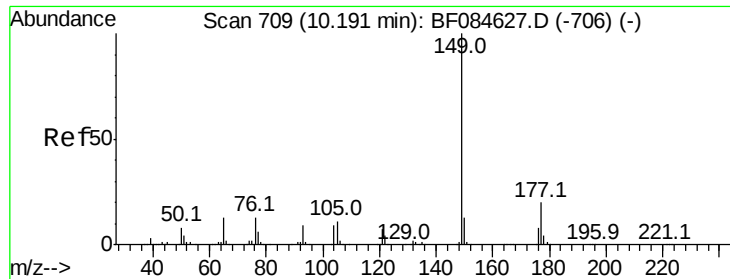
mohammad
 2/1/2016 2:24:14 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.17 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182082		
131	55.2		47.0	70.6
130	2.5		2.0	3.0
166	33.5		30.5	45.7





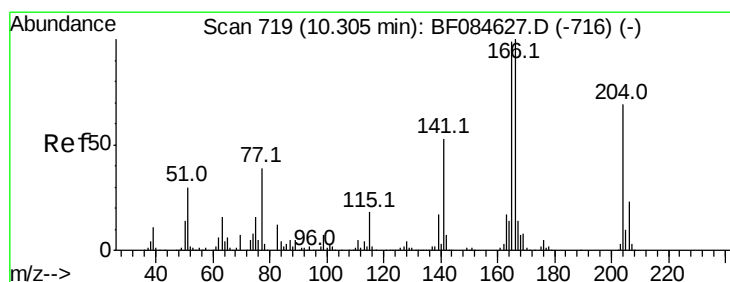
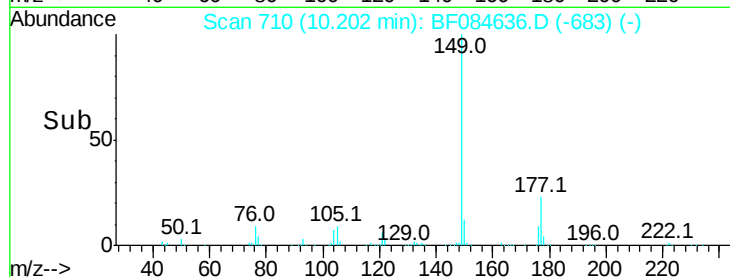
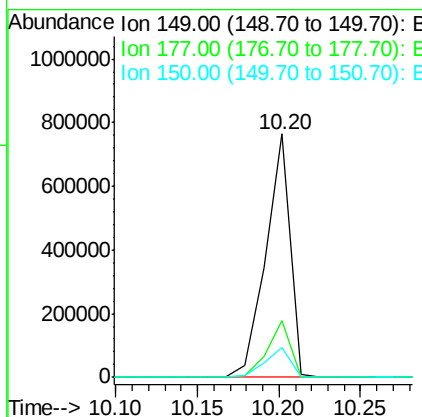
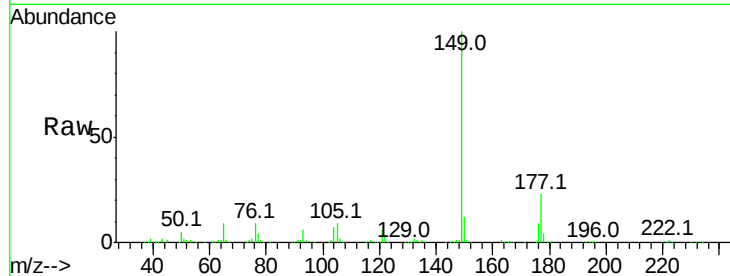
#59
Diethylphthalate
Concen: 43.06 ng
RT: 10.20 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	793253		
177	23.2	17.3	25.9	
150	12.5	9.8	14.8	

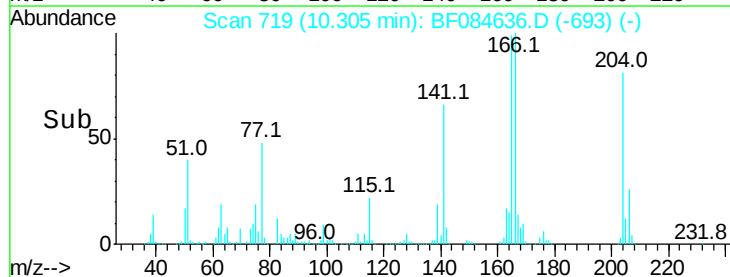
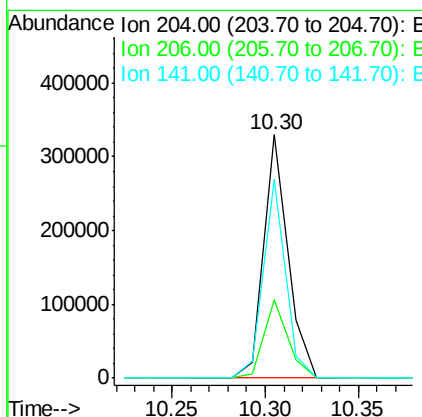
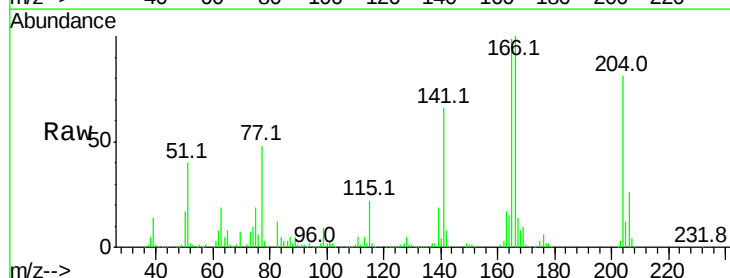
Manual Integrations
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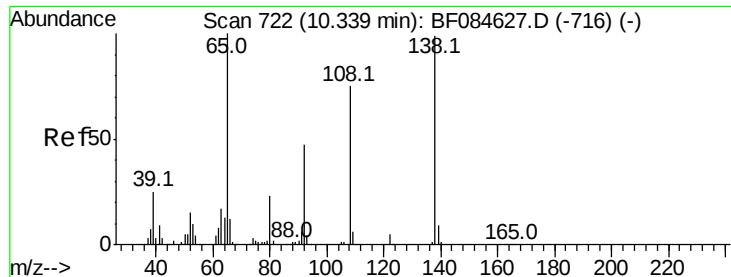
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.28 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	295784		
206	32.1	25.7	38.5	
141	81.5	55.1	82.7	





#61

4-Nitroaniline

Concen: 38.00 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

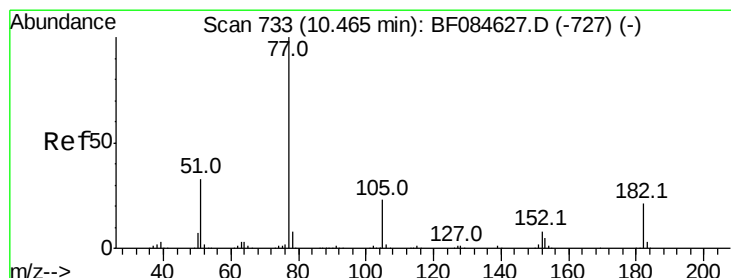
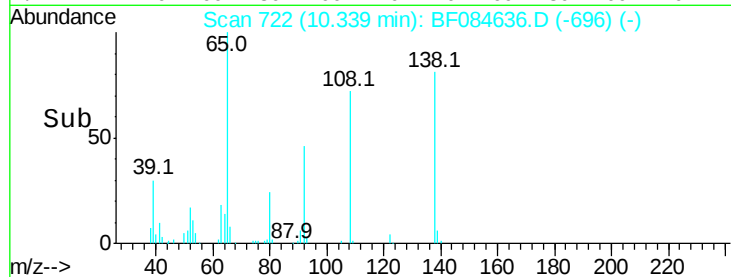
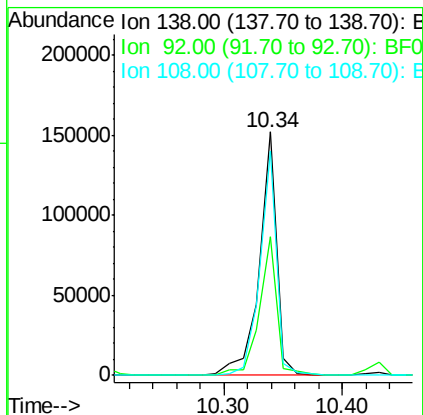
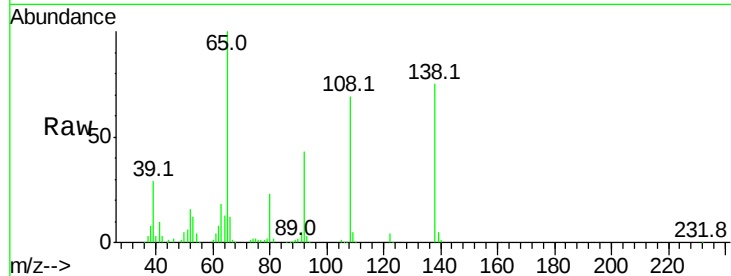
ClientSampleId :

PB88072BS

Tot Ion:	138	Resp:	155624
Ion	Ratio	Lower	Upper
138	100		
92	56.9	32.6	72.6
108	91.9	68.6	108.6

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#62

Azobenzene

Concen: 45.00 ng

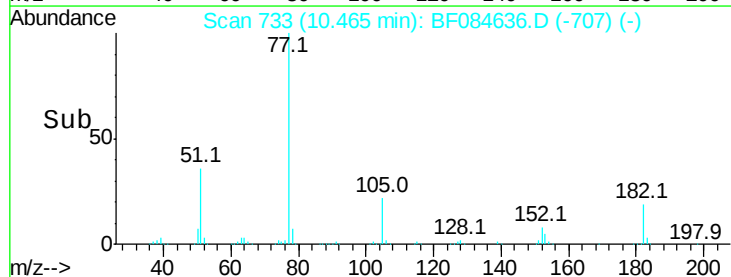
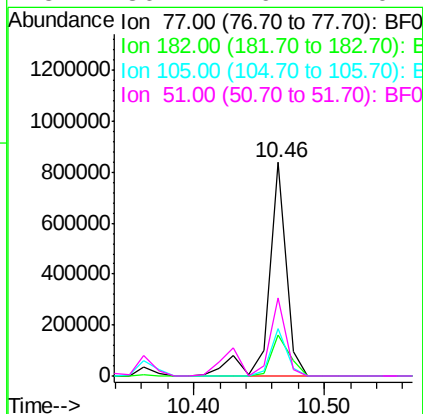
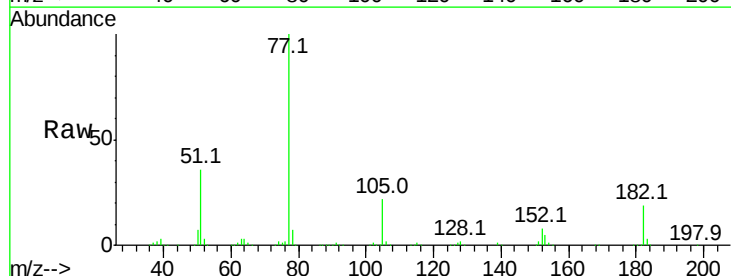
RT: 10.46 min Scan# 733

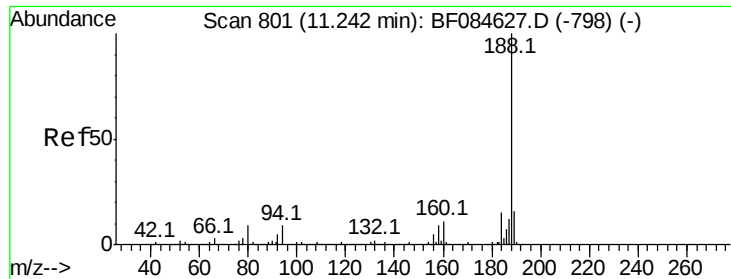
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	77	Resp:	793436
Ion	Ratio	Lower	Upper
77	100		
182	19.0	8.3	48.3
105	22.5	4.6	44.6
51	36.4	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

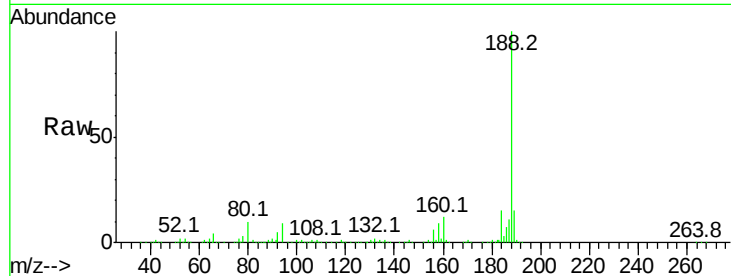
ClientSampleId :

PB88072BS

Tot Ion:	188	Resp:	493772
Ion Ratio	Lower	Upper	
188	100		
94	8.7	9.0	13.4#
80	9.9	9.6	14.4

Manual Integrations
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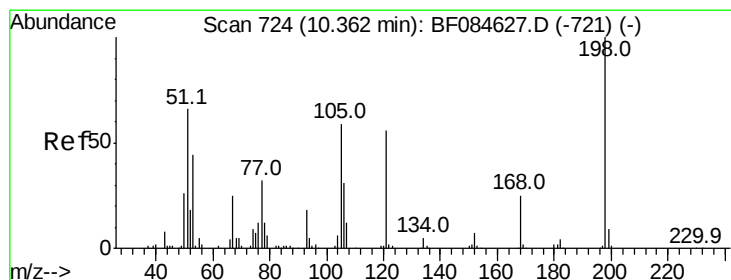
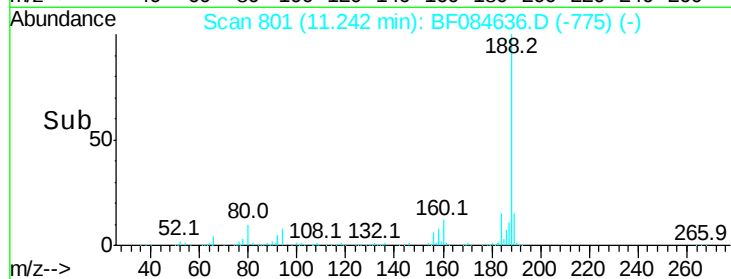
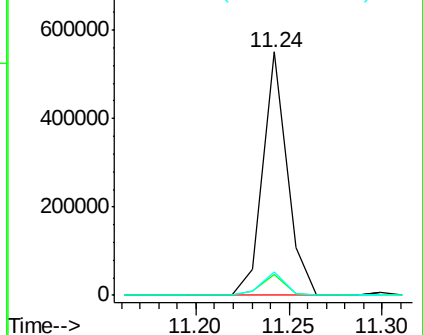
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.81 ng

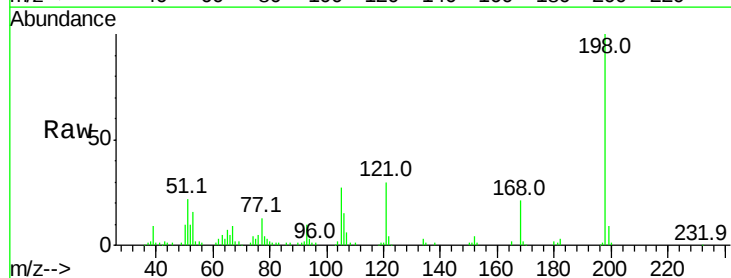
RT: 10.37 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

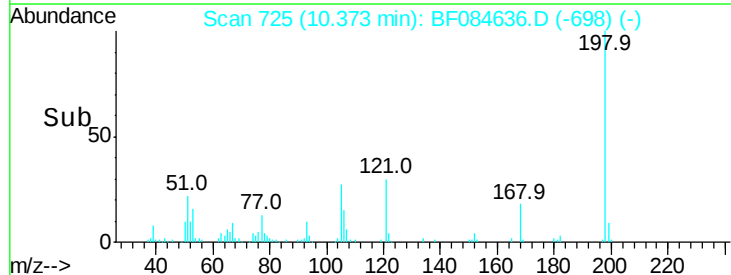
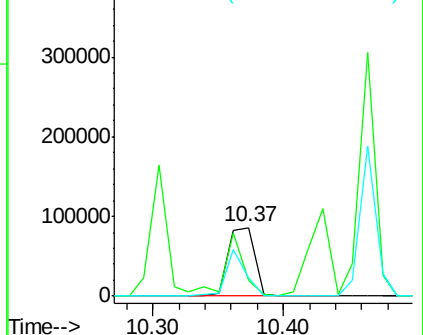
Tgt Ion:	198	Resp:	121949
Ion Ratio	Lower	Upper	
198	100		
51	22.2	18.9	58.9
105	27.1	26.4	66.4

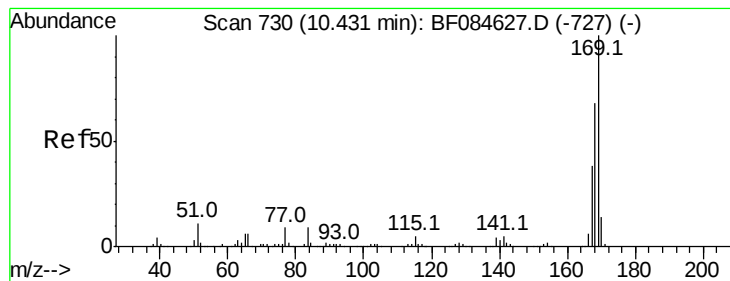


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





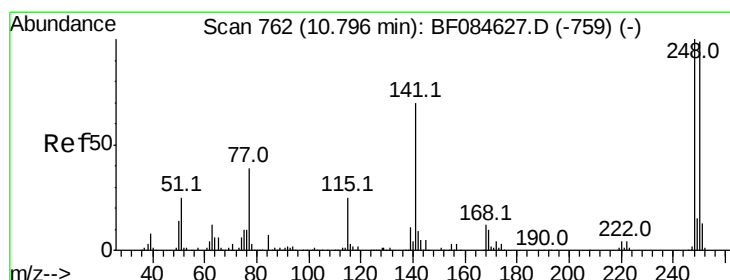
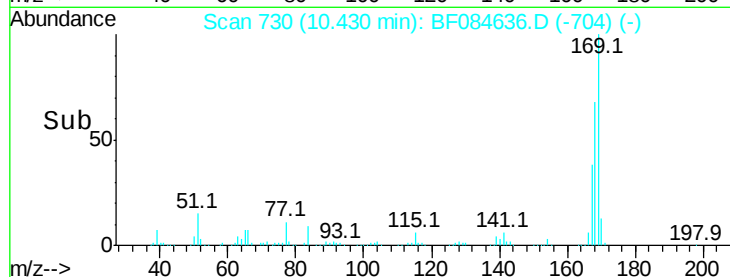
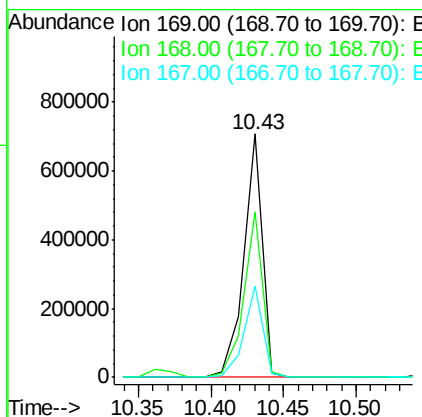
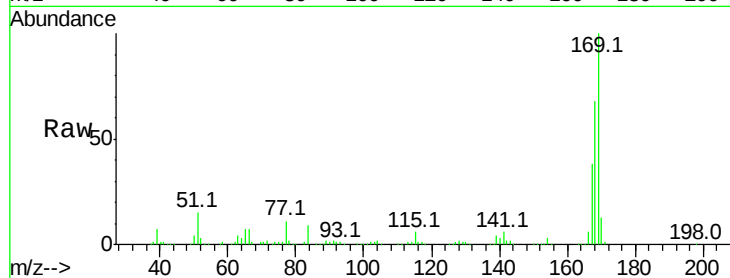
#65
n-Nitrosodiphenylamine
Concen: 39.19 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	627496		
168	67.8	55.1	82.7	
167	37.6	30.0	45.0	

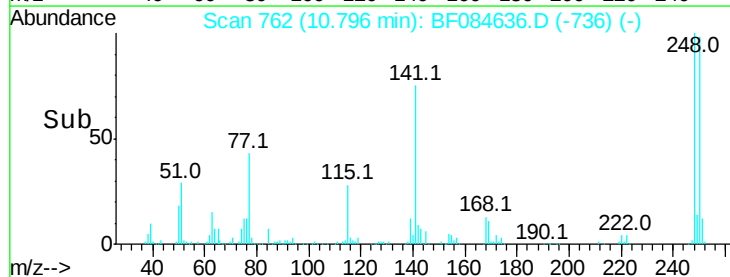
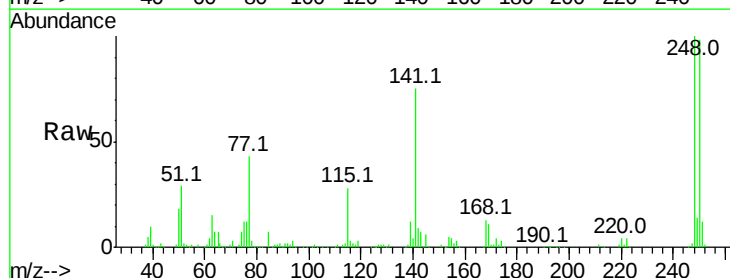
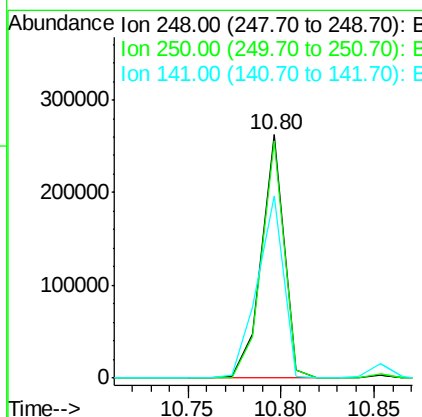
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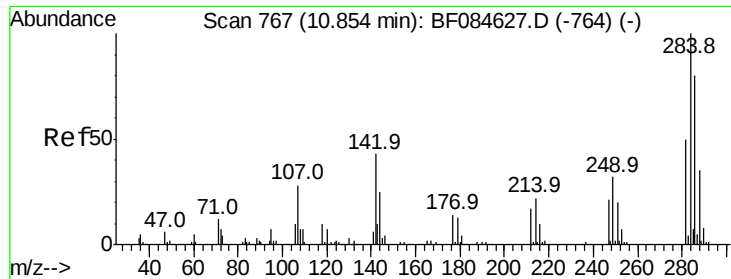
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 39.35 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	218843		
250	97.6	78.4	117.6	
141	74.9	44.0	66.0	





#67

Hexachlorobenzene

Concen: 35.03 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

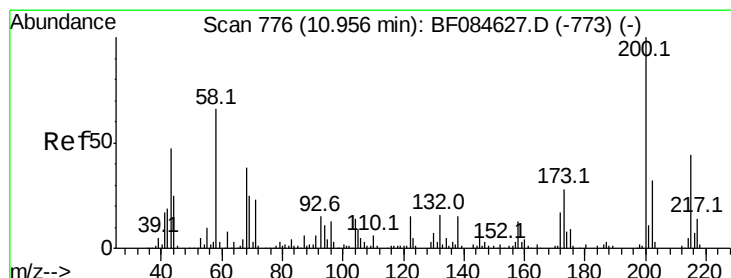
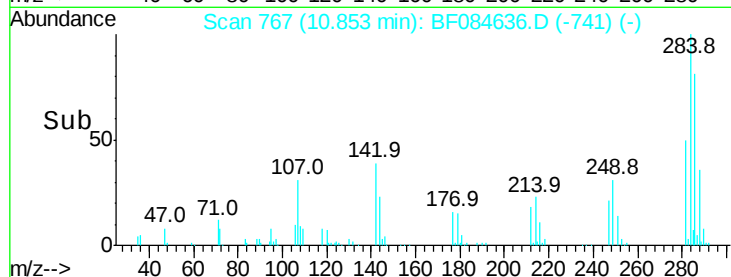
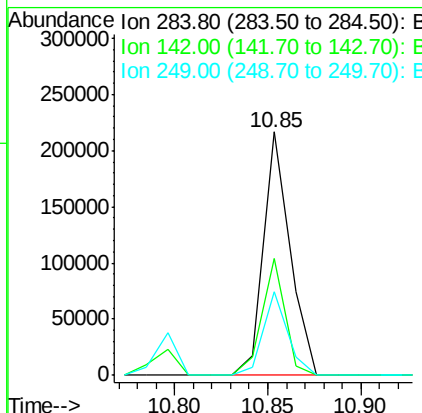
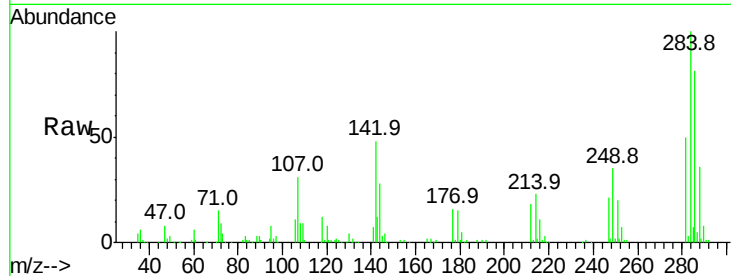
ClientSampleId :

PB88072BS

Tot Ion:	284	Resp:	211927
Ion Ratio		Lower	Upper
284	100		
142	48.1	22.2	33.4#
249	34.6	24.6	37.0

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#68

Atrazine

Concen: 37.77 ng

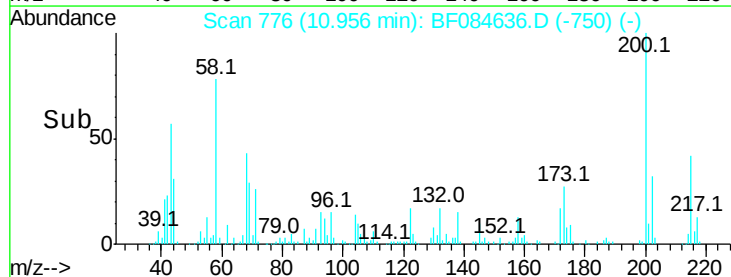
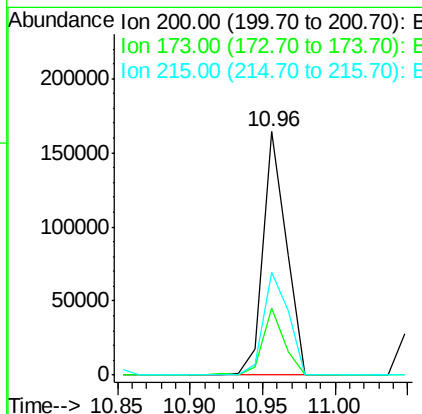
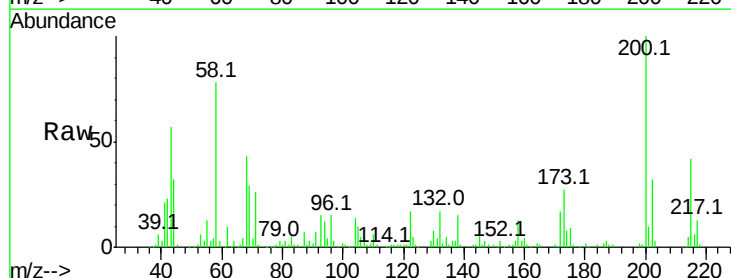
RT: 10.96 min Scan# 776

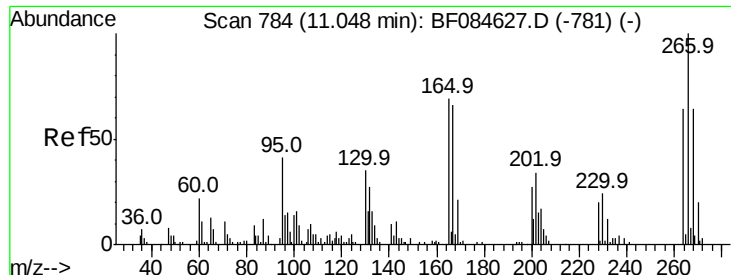
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	200	Resp:	181193
Ion Ratio		Lower	Upper
200	100		
173	27.5	9.5	49.5
215	42.3	23.8	63.8





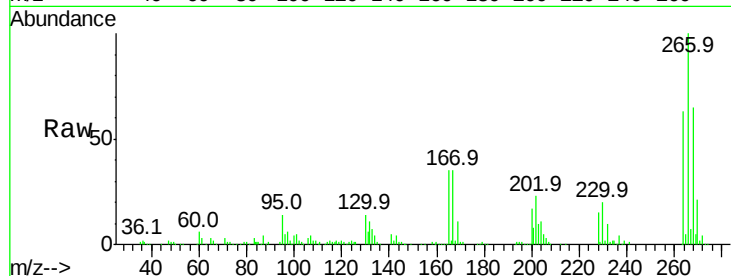
#69
 Pentachlorophenol
 Concen: 83.95 ng
 RT: 11.06 min Scan# 785
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

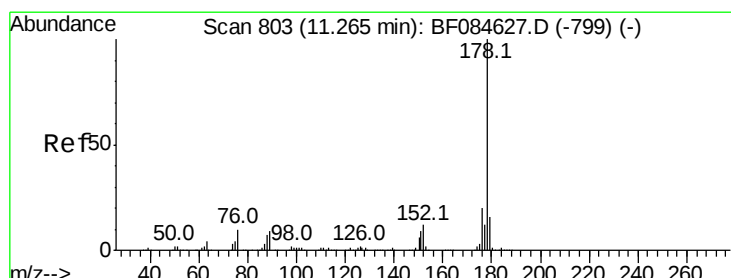
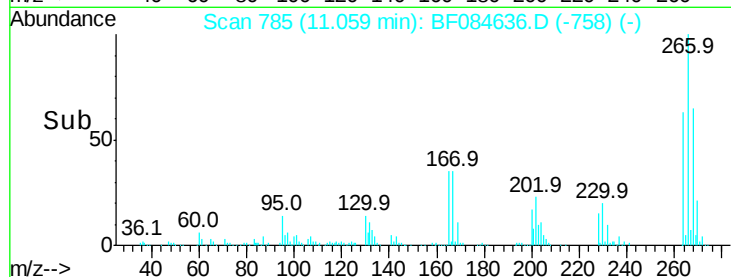
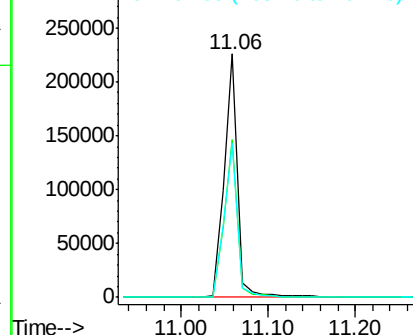
Tot Ion	Ratio	Resp	Lower	Upper
266	100	245327		
268	65.0		52.4	78.6
264	63.1		50.2	75.2

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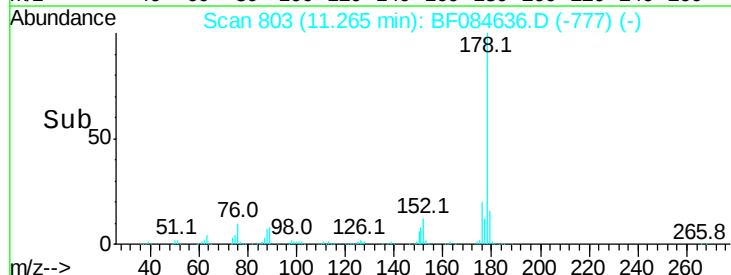
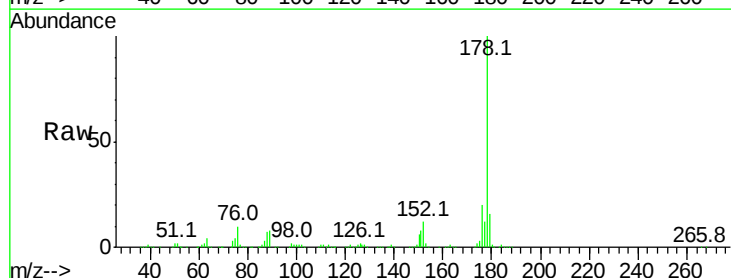
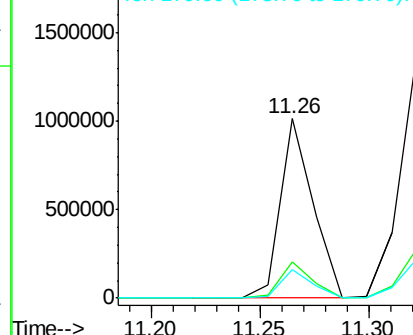
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

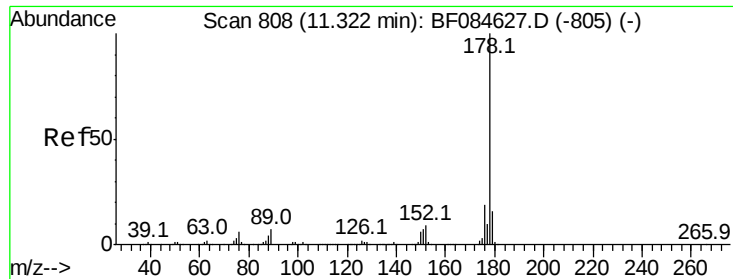


#70
 Phenanthrene
 Concen: 38.99 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1064620		
176	19.9		15.3	22.9
179	16.1		12.0	18.0

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





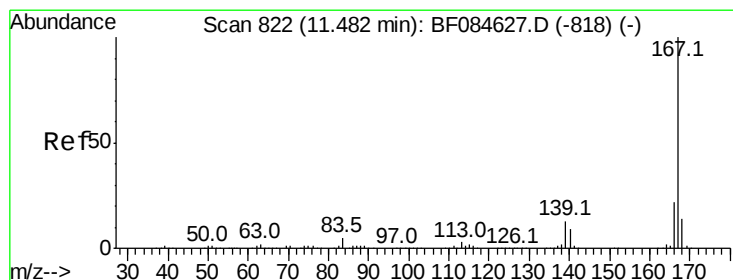
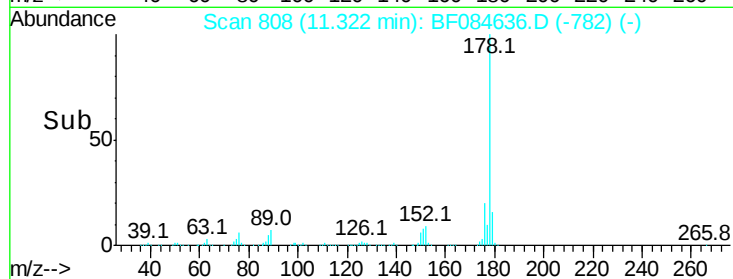
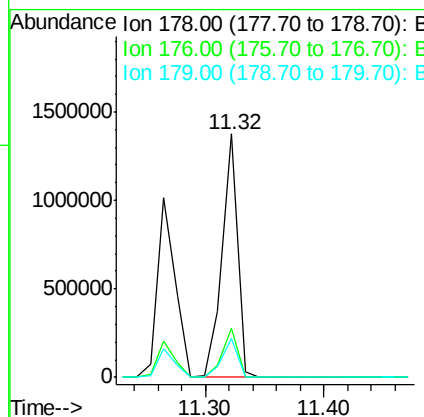
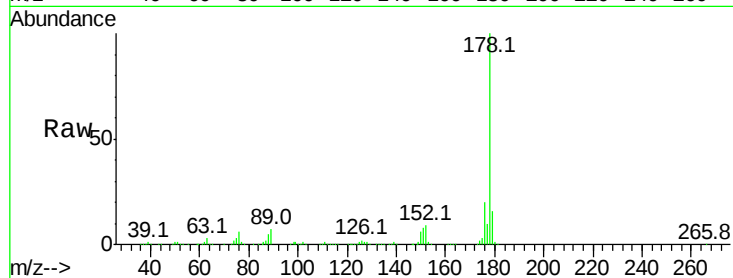
#71
 Anthracene
 Concen: 44.41 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.0	12.5	18.7

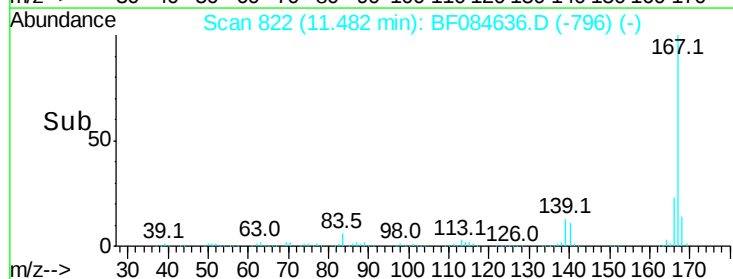
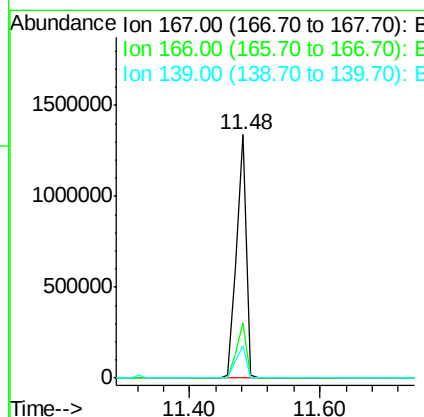
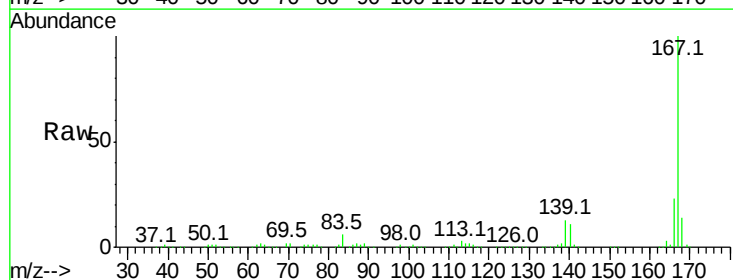
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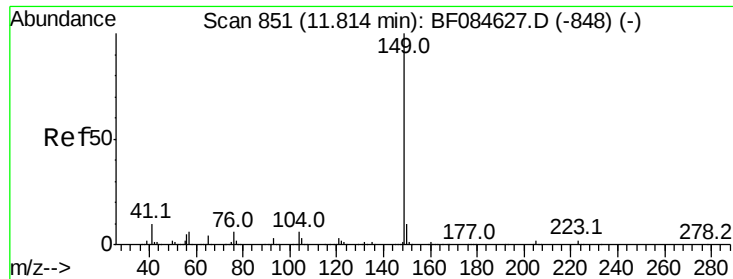
mohammad
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#72
 Carbazole
 Concen: 56.53 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	13.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 50.95 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

ClientSampleId :

PB88072BS

Tot Ion:149 Resp: 1482424

Ion Ratio Lower Upper

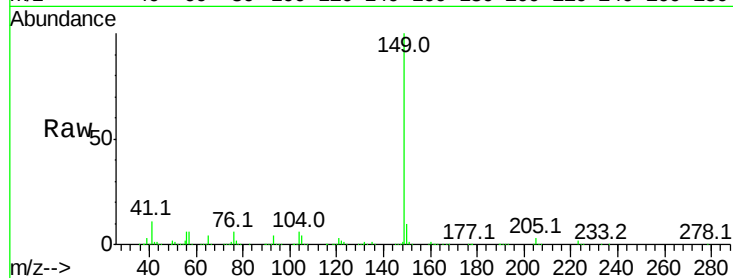
149 100

150 10.0 7.1 10.7

104 6.1 3.2 4.8#

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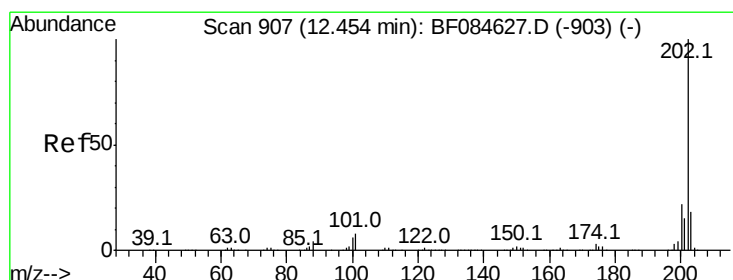
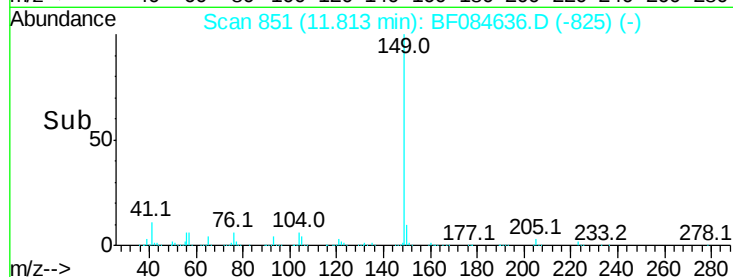
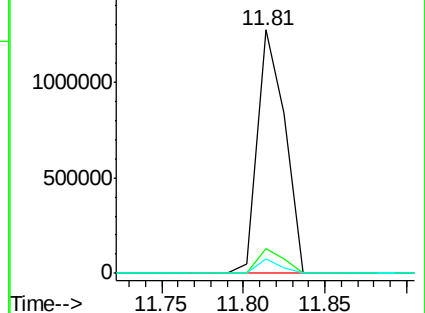
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.04 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

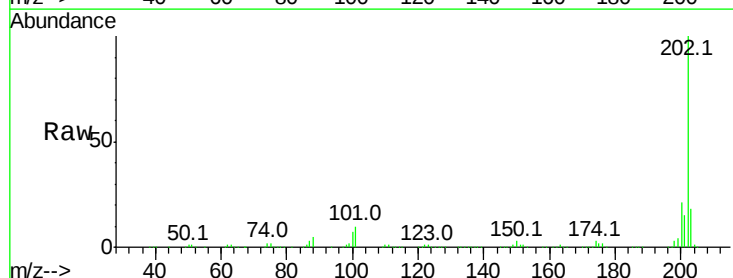
Tgt Ion:202 Resp: 1485630

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.8

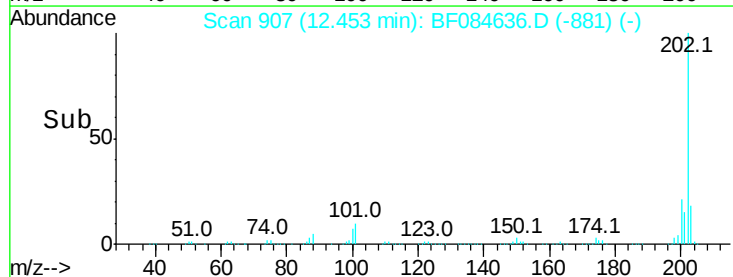
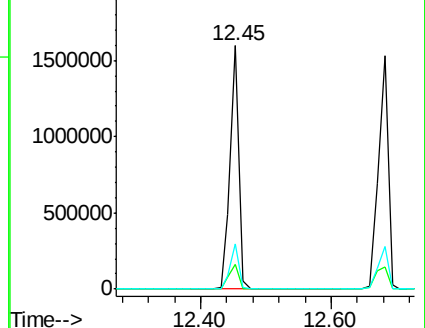
203 18.3 0.0 37.9

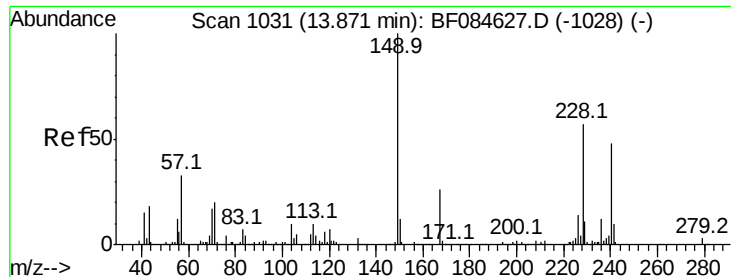


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

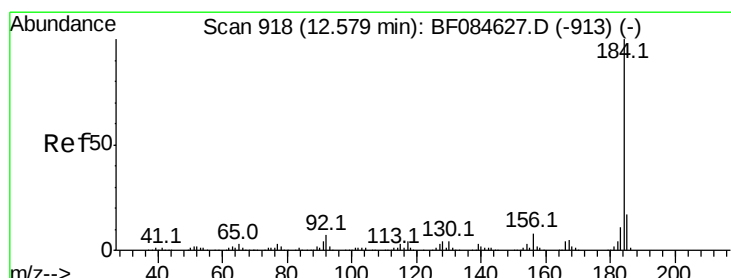
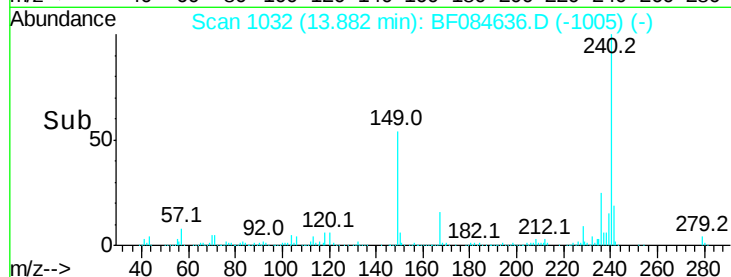
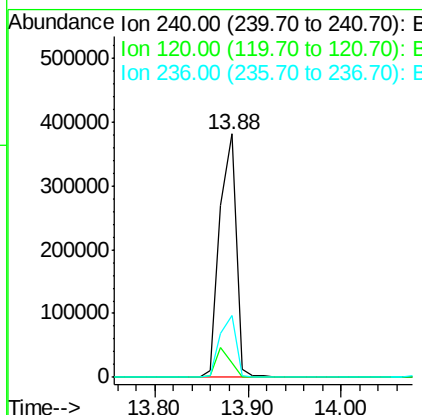
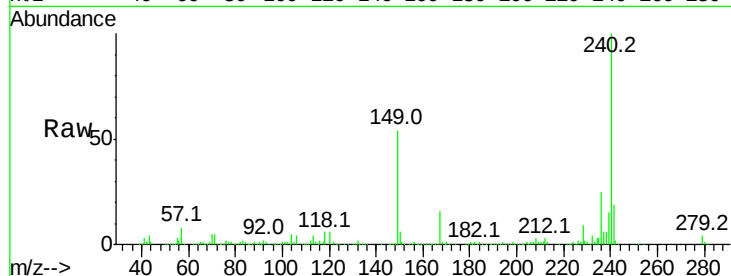
ClientSampleId :

PB88072BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	9.5	14.3#
236	25.2	20.6	31.0

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#76

Benzidine

Concen: 27.55 ng

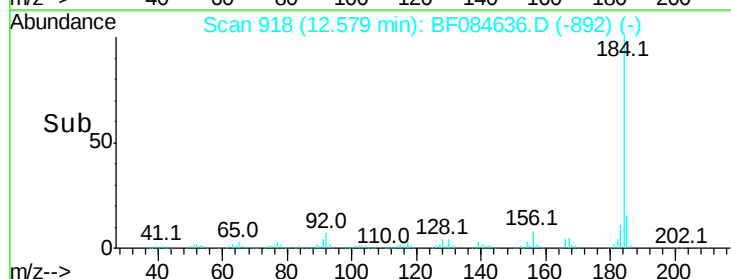
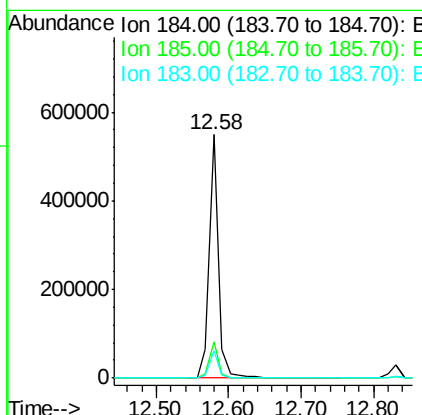
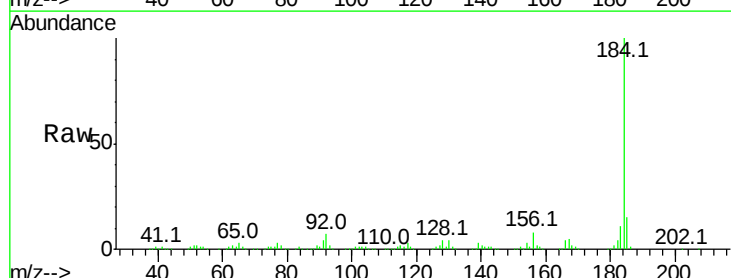
RT: 12.58 min Scan# 918

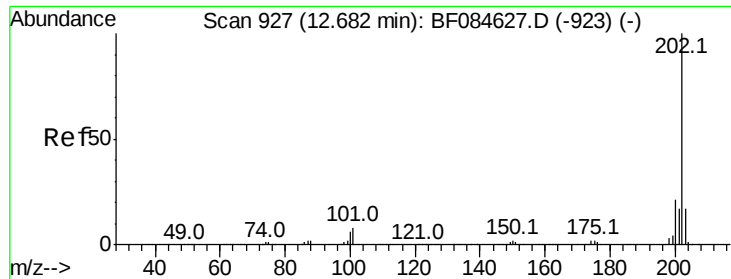
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.4	9.8	14.8





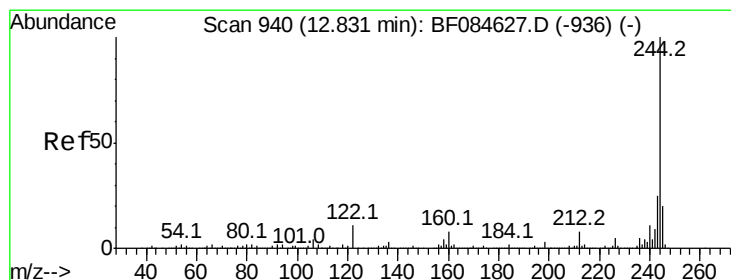
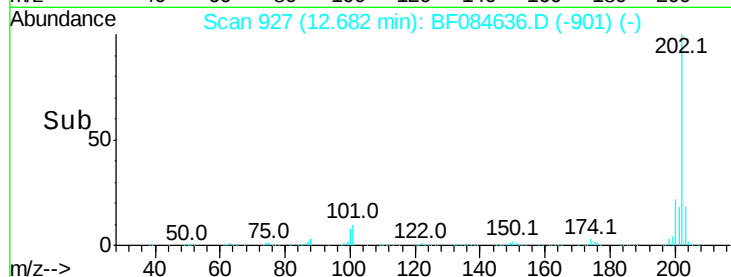
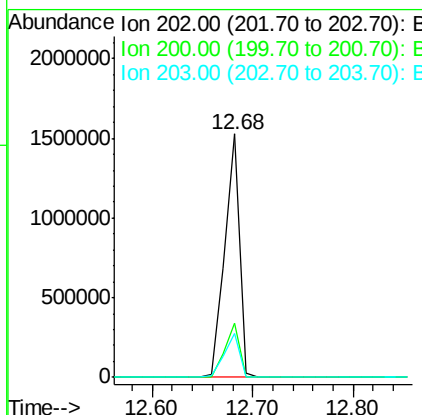
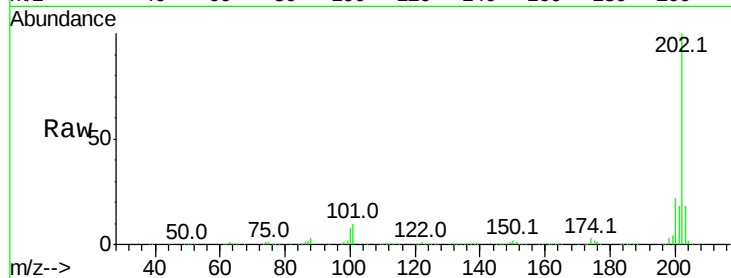
#77
Pvrene
Concen: 44.22 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	18.2	14.3	21.5

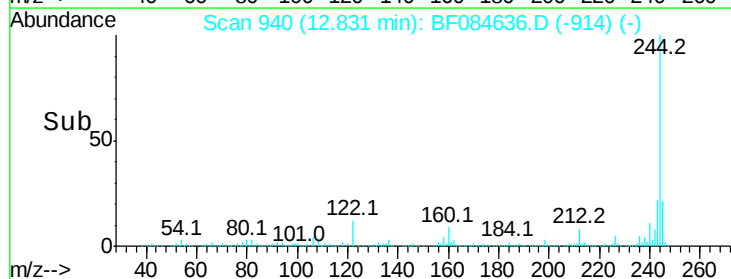
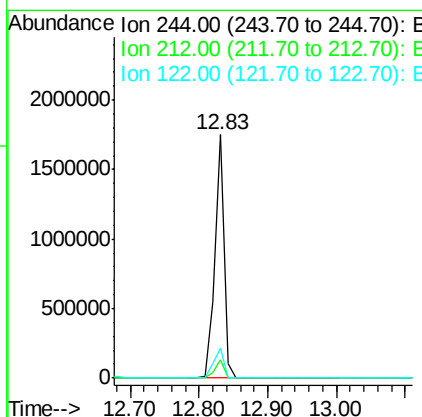
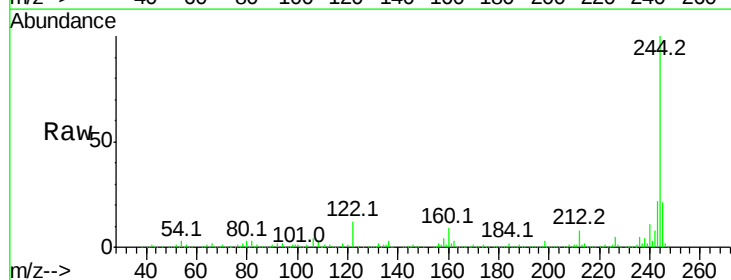
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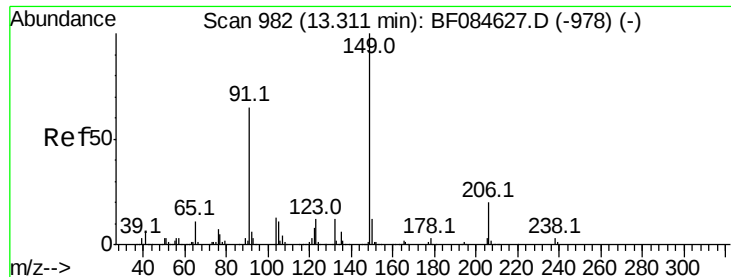
mohammad
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#78
Terphenyl-d14
Concen: 80.38 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	12.4	7.4	11.0





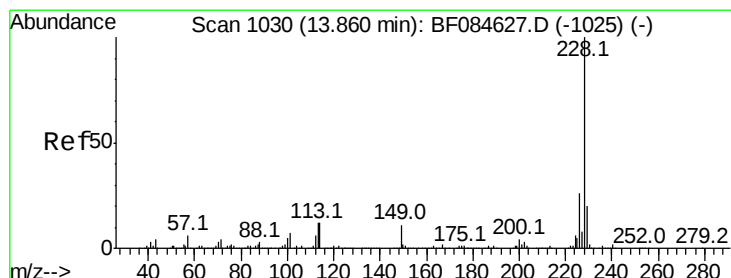
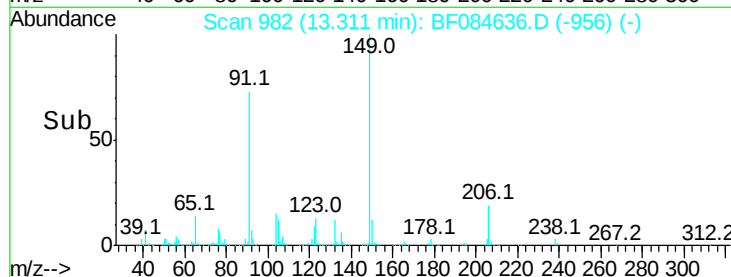
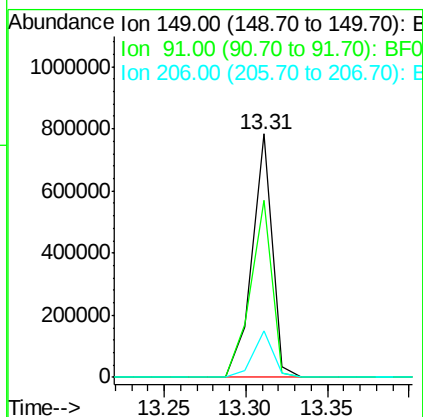
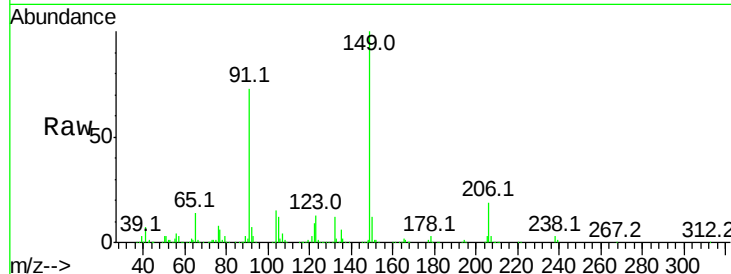
#79
Butylbenzylphthalate
Concen: 44.82 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	676125		
91	72.6	57.6	86.4	
206	19.0	13.2	19.8	

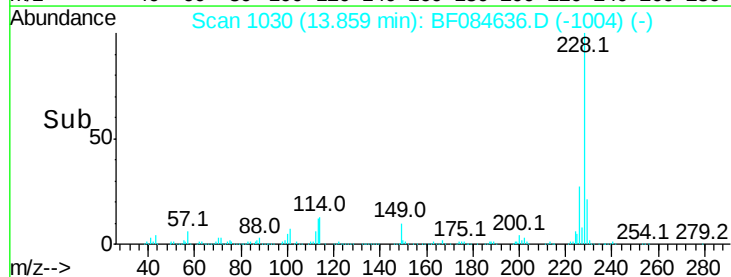
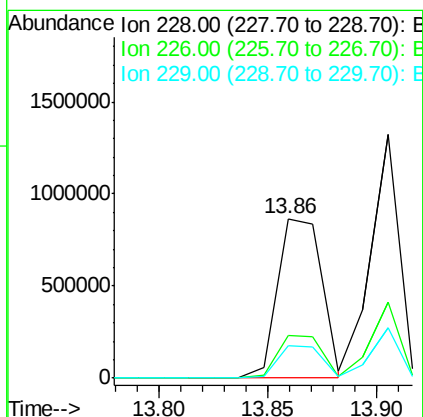
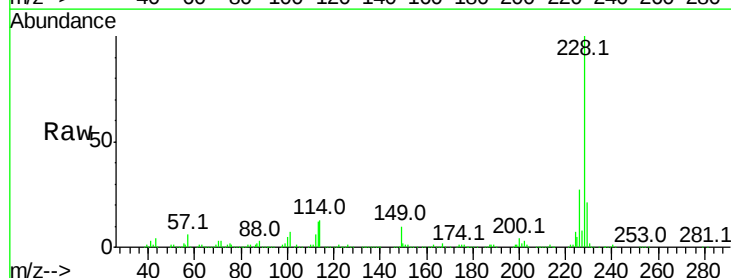
Manual Integrations
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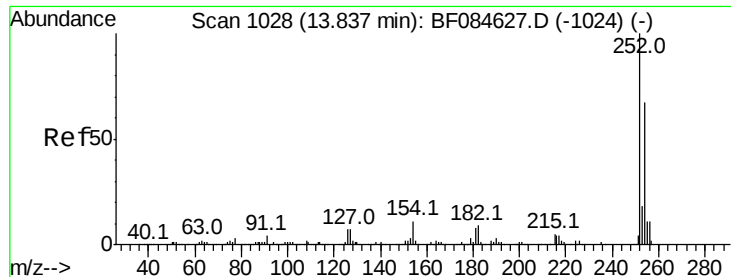
mohammad
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#80
Benzo(a)anthracene
Concen: 42.36 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1236155		
226	27.0	21.8	32.6	
229	20.6	15.8	23.8	





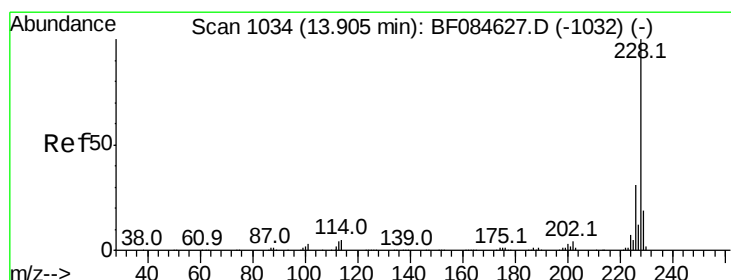
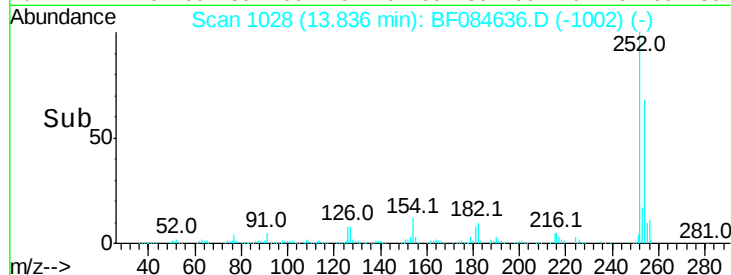
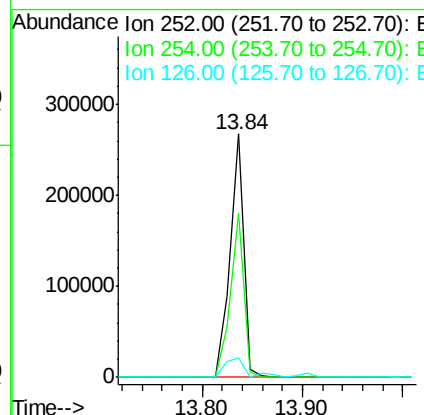
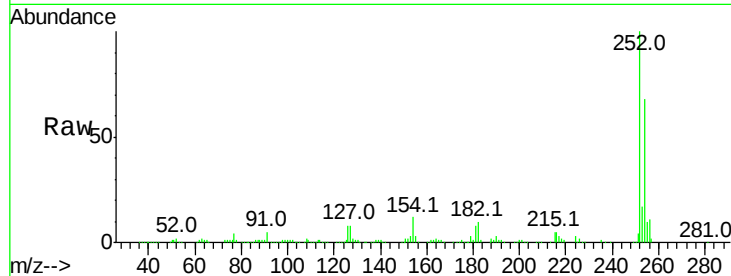
#81
 3,3'-Dichlorobenzidine
 Concen: 24.73 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	67.6	53.5	80.3	
126	8.0	4.9	7.3	

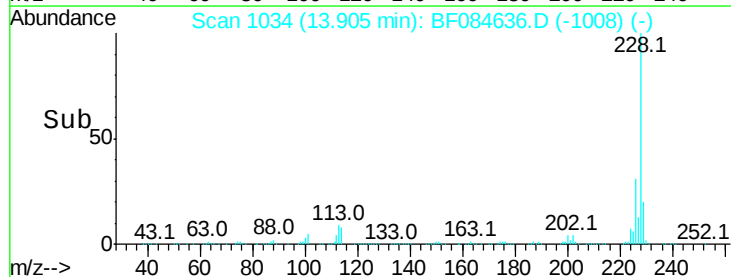
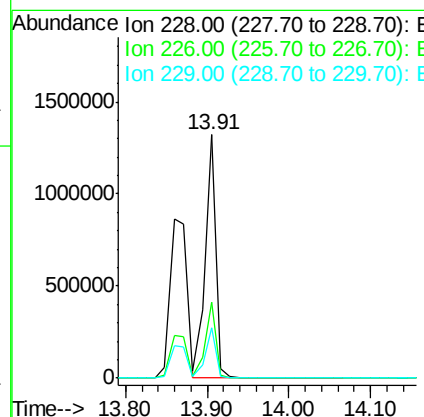
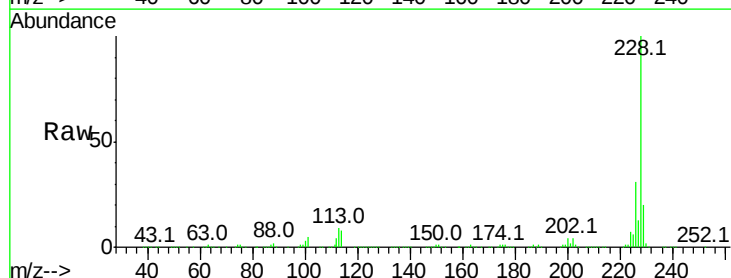
Manual Integrations
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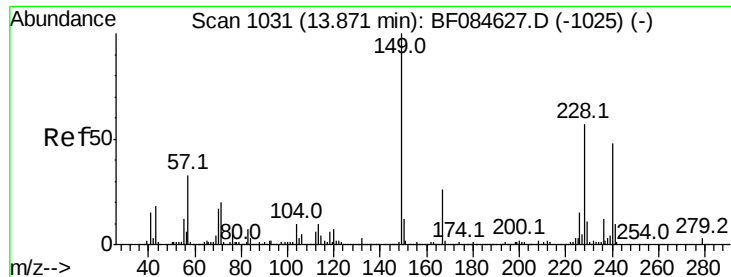
mohammad
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#82
 Chrysene
 Concen: 42.27 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.1	24.3	36.5	
229	20.4	16.1	24.1	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.92 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

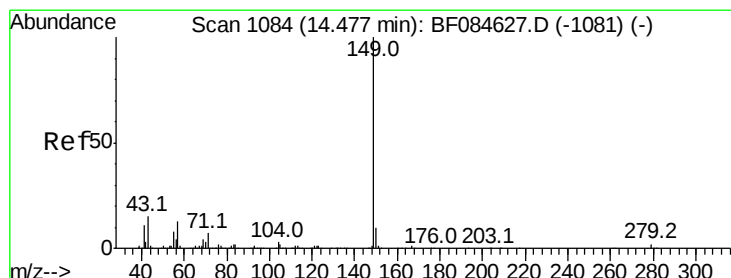
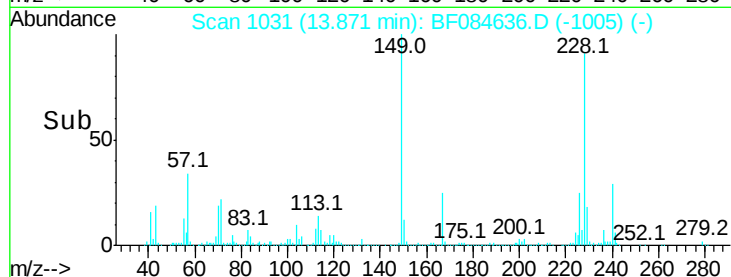
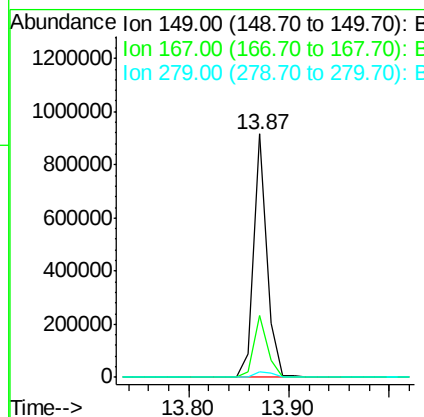
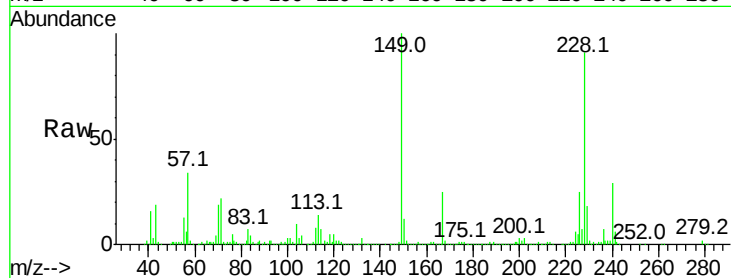
ClientSampleId :

PB88072BS

Tot Ion:	149	Resp:	839851
Ion Ratio	Lower	Upper	
149	100		
167	25.3	19.7	29.5
279	2.3	1.8	2.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 49.05 ng

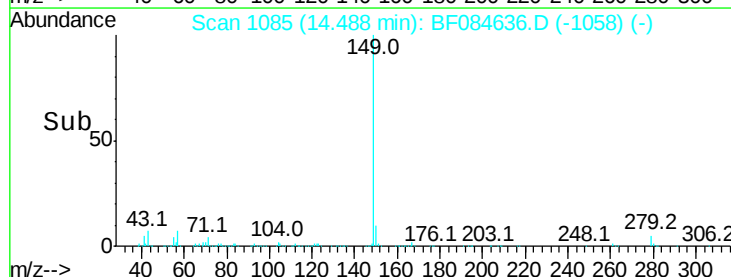
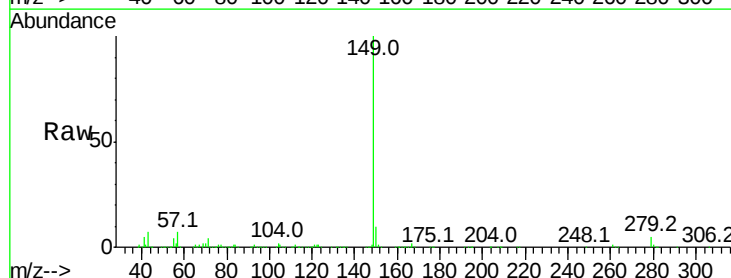
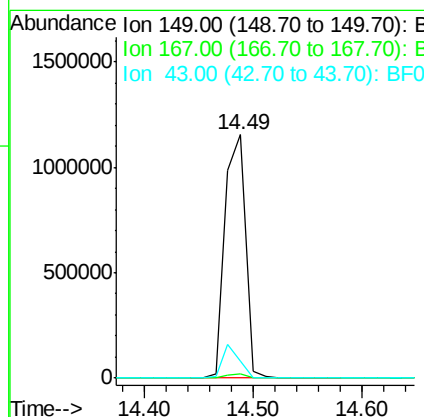
RT: 14.49 min Scan# 1085

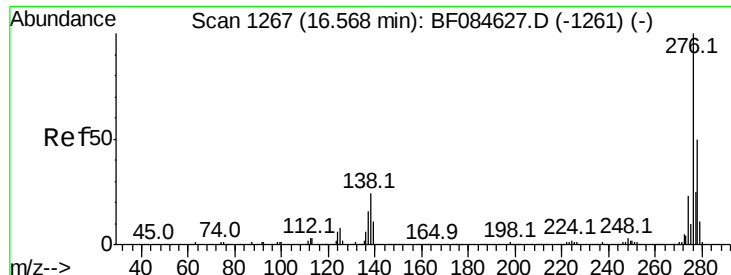
Delta R.T. 0.01 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	149	Resp:	1516339
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.4	5.6	8.4#





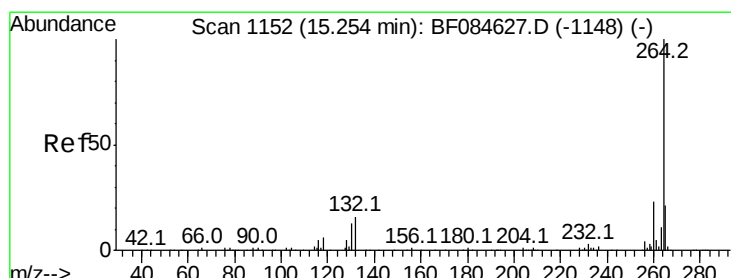
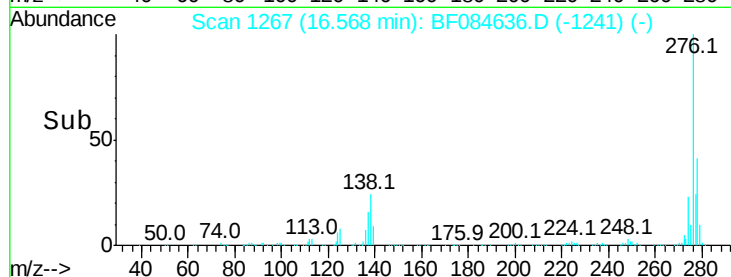
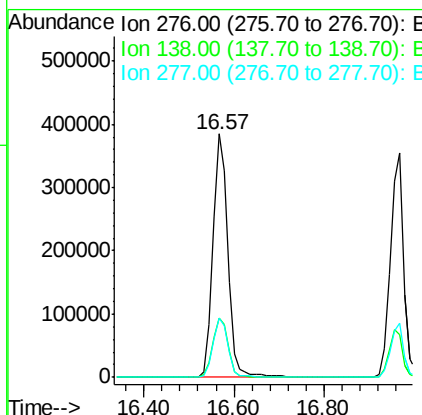
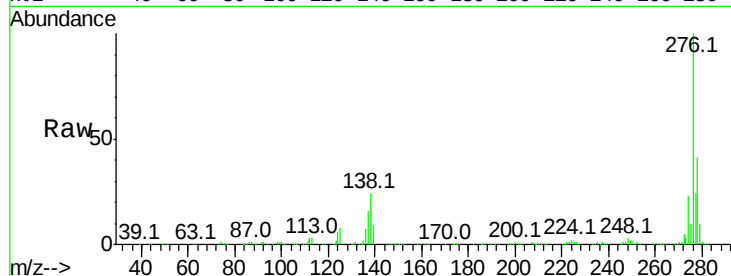
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.15 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.6	30.8
277	24.7	20.1	30.1

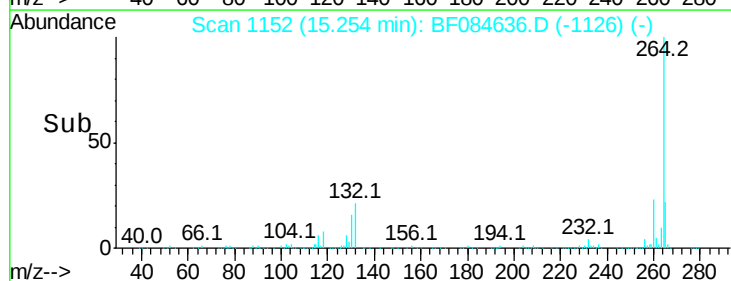
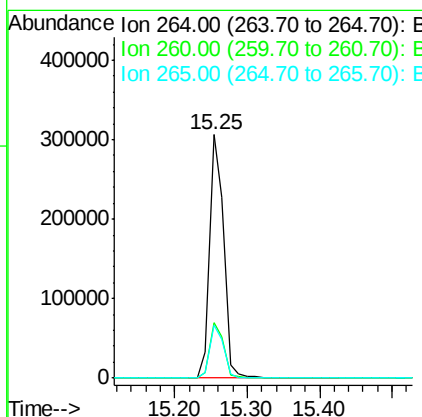
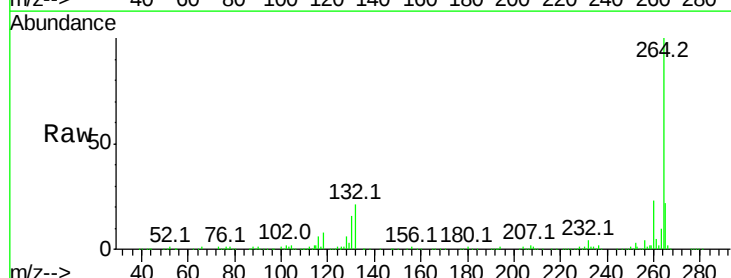
Manual Integrations
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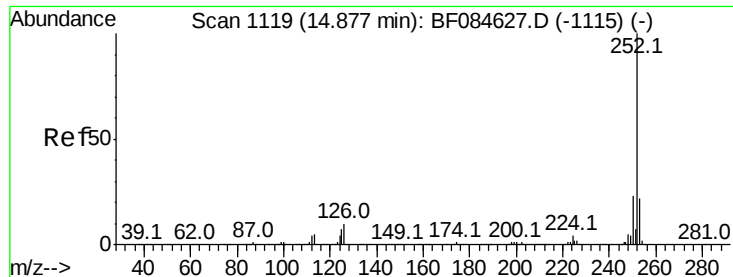
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 41.26 ng m

RT: 14.88 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Instrument :

BNA_F

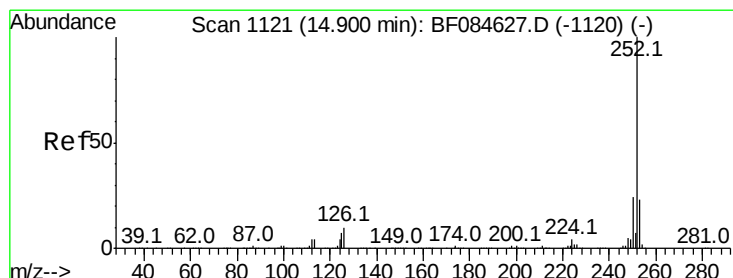
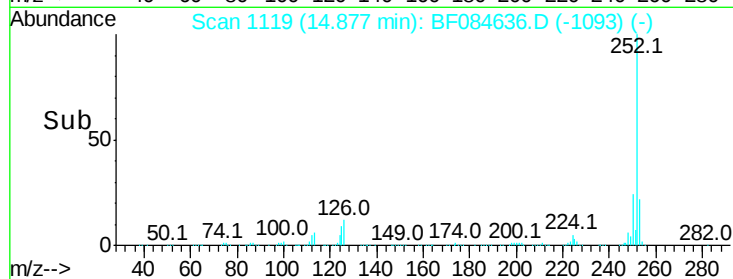
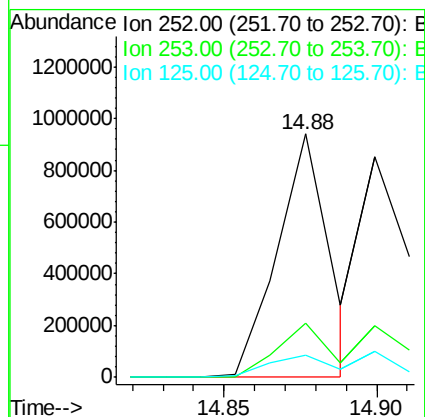
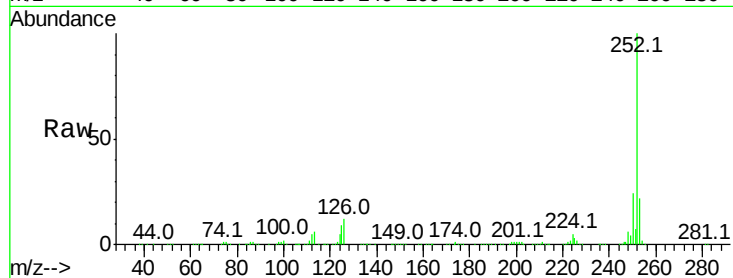
ClientSampleId :

PB88072BS

Tot Ion:	252	Resp:	1100217
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.3	25.9
125	9.4	6.5	9.7

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.75 ng m

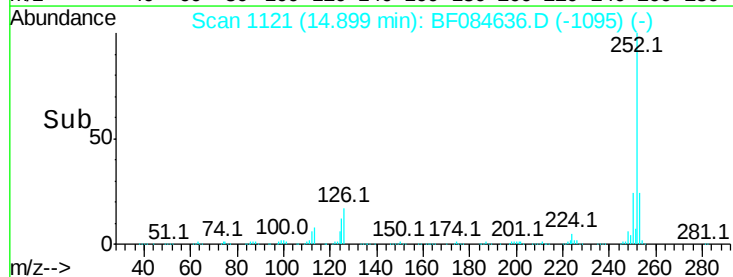
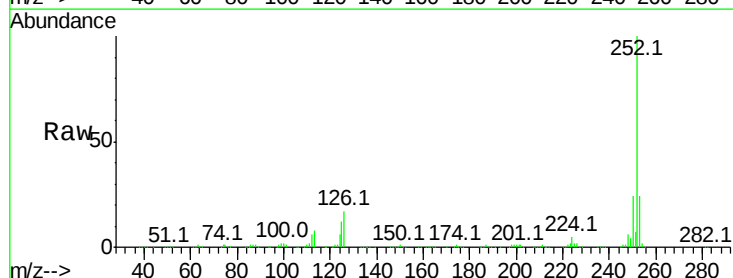
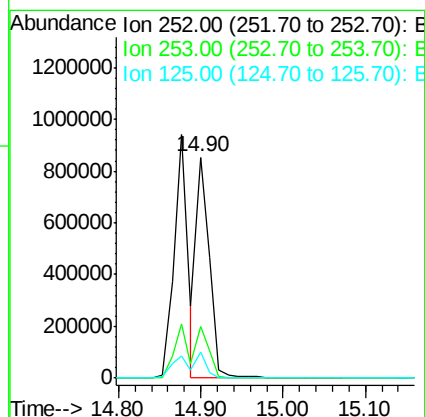
RT: 14.90 min Scan# 1121

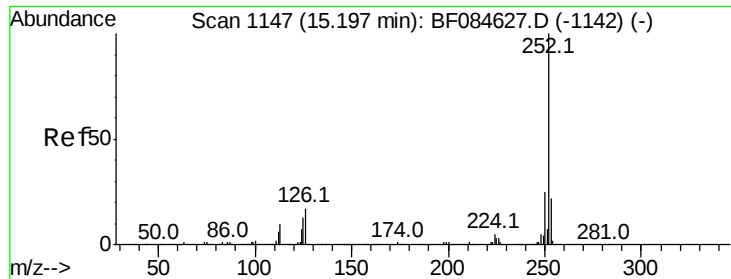
Delta R.T. -0.00 min

Lab File: BF084636.D

Acq: 29 Jan 2016 15:17

Tgt Ion:	252	Resp:	963618
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.1	27.1
125	12.1	9.0	13.6





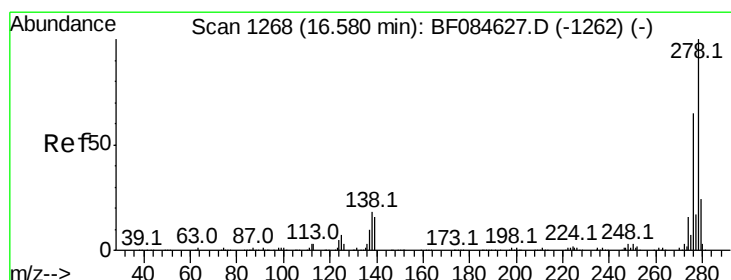
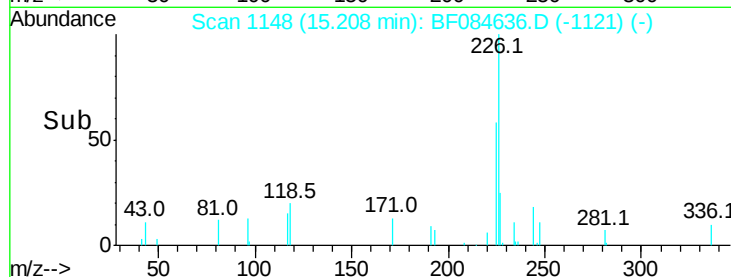
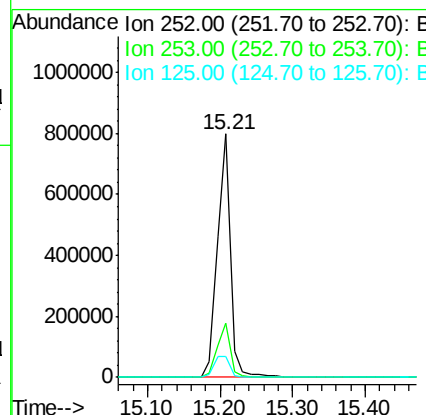
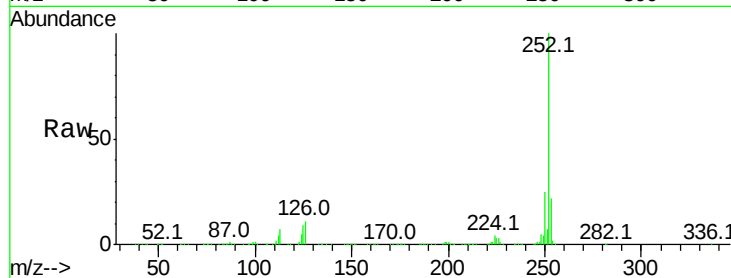
#89
Benzo(a)pyrene
Concen: 43.17 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Instrument :
BNA_F
ClientSampleId :
PB88072BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	17.3	25.9	
125	8.7	7.0	10.4	

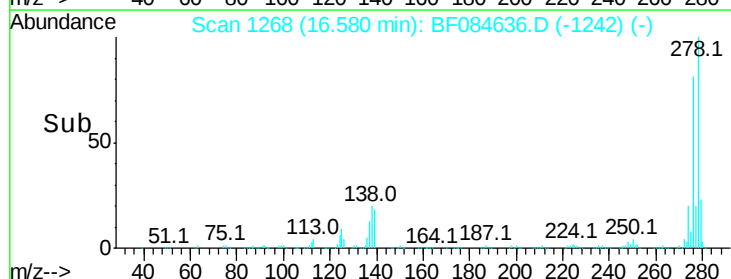
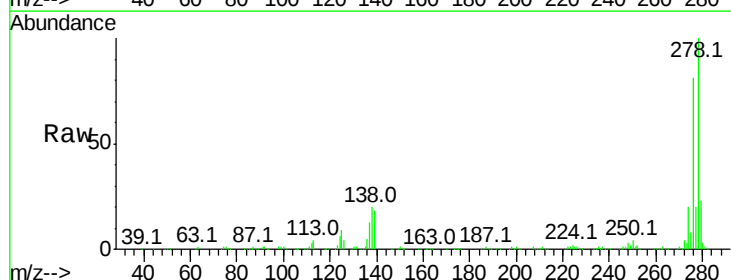
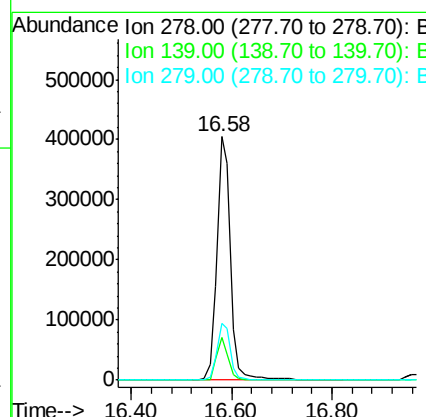
Manual Integrations
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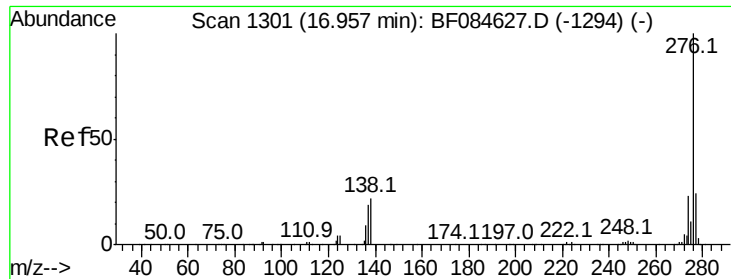
mohammad
2/1/2016 2:24:14 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.45 ng
RT: 16.58 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF084636.D
Acq: 29 Jan 2016 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	17.6	15.0	22.4	
279	23.4	18.9	28.3	





#91
 Benzo(a,h,i)perylene
 Concen: 35.20 ng
 RT: 16.97 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF084636.D
 Acq: 29 Jan 2016 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB88072BS

Tot Ion:	276	Resp:	738863
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.8	28.2
138	18.9	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 2/1/2016 2:24:14 PM

