

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032317\
 Data File : BF093883.D
 Acq On : 23 Mar 2017 17:15
 Operator : SJ/MA
 Sample : I2362-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Manual Integrations
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Quant Time: Mar 24 08:52:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 02:02:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.97	152	165156	20.00	ng	-0.01
21) Naphthalene-d8	7.48	136	663274	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	298260	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	510671	20.00	ng	-0.01
75) Chrysene-d12	14.70	240	311691	20.00	ng	-0.01
86) Perylene-d12	16.34	264	264544	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.50	112	702200	71.81	ng	0.00
7) Phenol-d6	5.56	99	573715	47.43	ng	-0.01
23) Nitrobenzene-d5	6.63	82	1073025	92.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	358833	152.25	ng	0.00
44) 2-Fluorobiphenyl	8.81	172	1875518	95.91	ng	-0.01
78) Terphenyl-d14	13.43	244	1449982	104.27	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.38	88	80684	17.18	ng 99
3) Pyridine	2.87	79	127785	9.98	ng 100
4) n-Nitrosodimethylamine	2.80	42	100726	19.12	ng 94
6) Aniline	5.59	93	184894	10.99	ng 96
8) 2-Chlorophenol	5.73	128	416969	38.80	ng 97
9) Benzaldehyde	5.46	77	152487	18.67	ng 99
10) Phenol	5.57	94	225172	16.36	ng 88
11) bis(2-Chloroethyl)ether	5.67	93	466569	43.37	ng 99
12) 1,3-Dichlorobenzene	5.91	146	475321	39.43	ng 99
13) 1,4-Dichlorobenzene	5.99	146	481782	39.46	ng 96
14) 1,2-Dichlorobenzene	6.17	146	450589	40.07	ng 98
15) Benzyl Alcohol	6.13	79	288236	32.55	ng 98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	691139	41.69	ng 99
17) 2-Methylphenol	6.27	107	292767	31.81	ng 98
18) Hexachloroethane	6.57	117	165157	38.48	ng # 86
19) n-Nitroso-di-n-propylamine	6.46	70	357689	46.01	ng 98
20) 3+4-Methylphenols	6.45	107	314269	28.19	ng 94
22) Acetophenone	6.45	105	678214	45.88	ng 92
24) Nitrobenzene	6.65	77	514250	44.86	ng 96
25) Isophorone	6.93	82	954082	46.72	ng 97
26) 2-Nitrophenol	7.02	139	272727	49.89	ng 96
27) 2,4-Dimethylphenol	7.08	122	404055	42.90	ng 98
28) bis(2-Chloroethoxy)methane	7.20	93	613851	45.58	ng 100
29) 2,4-Dichlorophenol	7.31	162	401592	45.60	ng 98
30) 1,2,4-Trichlorobenzene	7.42	180	387232	42.69	ng 99
31) Naphthalene	7.51	128	1352226	42.40	ng 100
32) Benzoic acid	7.17	122	82054	13.09	ng 97
33) 4-Chloroaniline	7.56	127	104108	8.05	ng 94
34) Hexachlorobutadiene	7.66	225	188519	40.53	ng 98
35) Caprolactam	8.00	113	20526m	7.31	ng
36) 4-Chloro-3-methylphenol	8.16	107	397339	43.18	ng 89
37) 2-Methylnaphthalene	8.35	142	961960	45.25	ng 98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	349759	42.87	ng 99
40) Hexachlorocyclopentadiene	8.55	237	303665	79.53	ng 98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	286301	49.60	ng	99
43) 2,4,5-Trichlorophenol	8.74	196	279118	44.69	ng	94
45) 1,1'-Biphenyl	8.93	154	1085202	45.11	ng	98
46) 2-Chloronaphthalene	8.95	162	862721	45.81	ng	95
47) 2-Nitroaniline	9.07	65	265985	47.61	ng	# 81
48) Acenaphthylene	9.46	152	1399698	44.72	ng	99
49) Dimethylphthalate	9.32	163	1041743	49.14	ng	100
50) 2,6-Dinitrotoluene	9.37	165	238036	48.98	ng	# 89
51) Acenaphthene	9.67	154	829375	45.41	ng	99
52) 3-Nitroaniline	9.57	138	90408	15.84	ng	94
53) 2,4-Dinitrophenol	9.70	184	173901	67.63	ng	# 74
54) Dibenzofuran	9.88	168	1219124	49.04	ng	98
55) 4-Nitrophenol	9.79	139	151459	33.89	ng	# 74
56) 2,4-Dinitrotoluene	9.87	165	304711	49.91	ng	# 79
57) Fluorene	10.30	166	900252	43.67	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	211581	49.37	ng	98
59) Diethylphthalate	10.19	149	1009550	48.18	ng	98
60) 4-Chlorophenyl-phenylether	10.31	204	387233	44.09	ng	92
61) 4-Nitroaniline	10.33	138	217541	39.72	ng	94
62) Azobenzene	10.50	77	996523	50.27	ng	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	129794	41.50	ng	# 75
65) n-Nitrosodiphenylamine	10.46	169	843831	47.78	ng	98
66) 4-Bromophenyl-phenylether	10.91	248	242917	48.37	ng	99
67) Hexachlorobenzene	10.98	284	249643	49.10	ng	# 87
68) Atrazine	11.13	200	245677	46.45	ng	97
69) Pentachlorophenol	11.22	266	252806	79.89	ng	100
70) Phenanthrene	11.49	178	1320209	46.47	ng	98
71) Anthracene	11.55	178	1366792	46.73	ng	99
72) Carbazole	11.74	167	1246561	41.56	ng	99
73) Di-n-butylphthalate	12.20	149	1532925	49.15	ng	99
74) Fluoranthene	12.94	202	1283629	44.13	ng	99
77) Pyrene	13.22	202	1265044	55.92	ng	100
79) Butylbenzylphthalate	14.04	149	552069	57.28	ng	# 84
80) Benzo(a)anthracene	14.69	228	858671	47.24	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	183429	28.23	ng	# 97
82) Chrysene	14.74	228	761422	45.14	ng	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	702132	53.40	ng	# 99
84) Di-n-octyl phthalate	15.51	149	1024748	46.65	ng	98
85) Indeno(1,2,3-cd)pyrene	17.74	276	873903	59.82	ng	98
87) Benzo(b)fluoranthene	15.93	252	713813	44.02	ng	97
88) Benzo(k)fluoranthene	15.96	252	725618	45.73	ng	97
89) Benzo(a)pyrene	16.28	252	716929	48.01	ng	98
90) Dibenzo(a,h)anthracene	17.76	278	724993	57.33	ng	98
91) Benzo(g,h,i)perylene	18.15	276	755776	59.30	ng	99

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

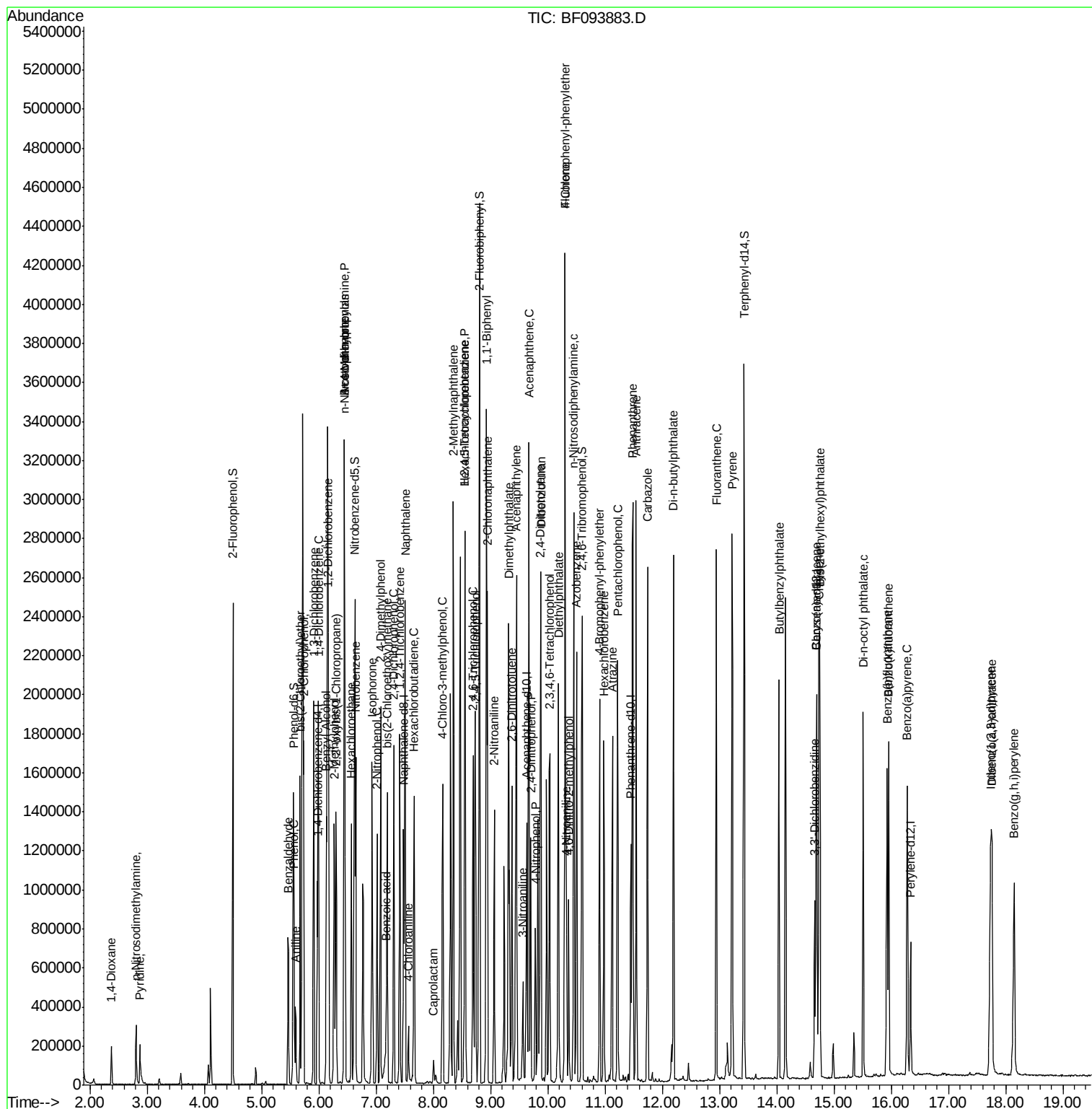
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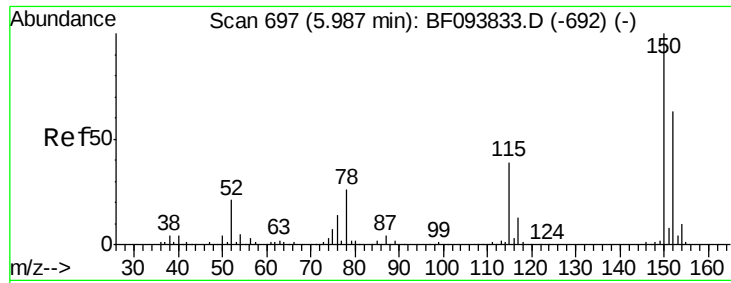
Instrument :
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ClientSampleId :
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#1

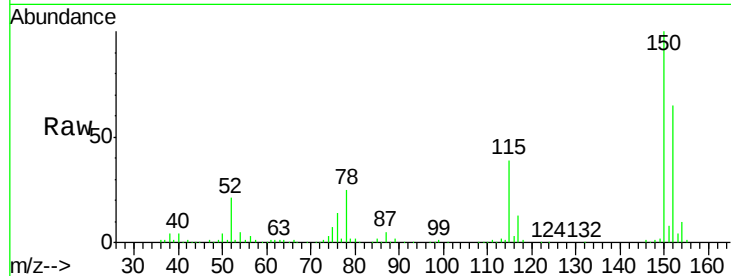
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.97 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

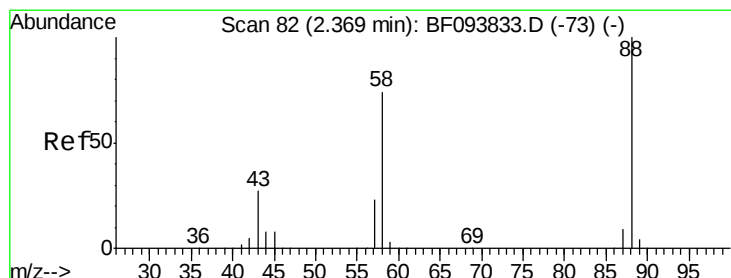
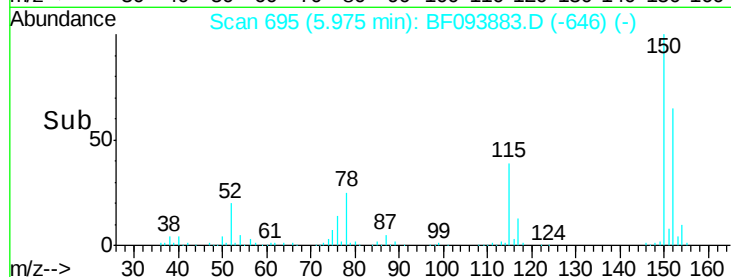
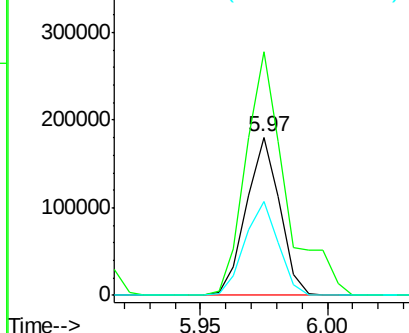
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	126.2	189.2
115	59.5	52.2	78.2

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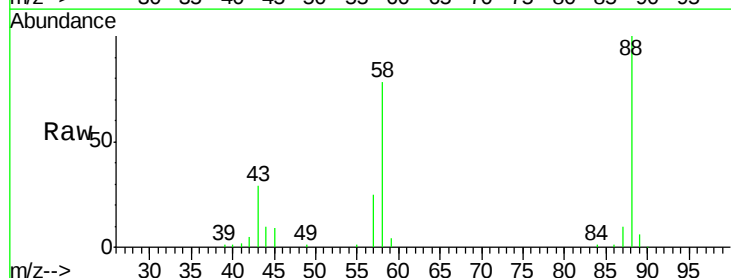
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



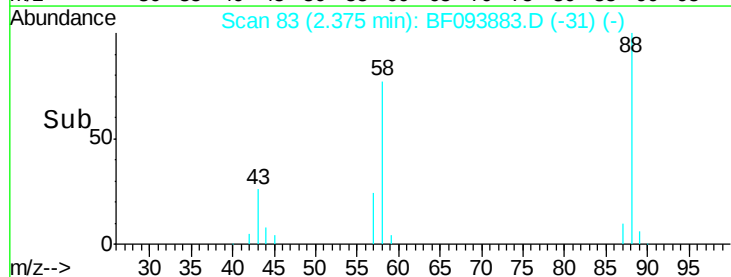
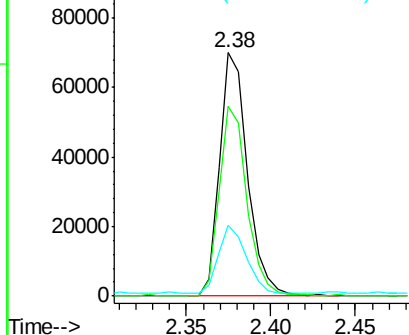
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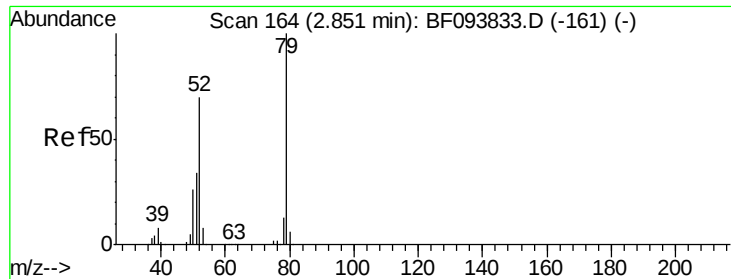
1,4-Dioxane
Concen: 17.18 ng
RT: 2.38 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.4	61.4	92.0
43	28.8	23.4	35.0



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





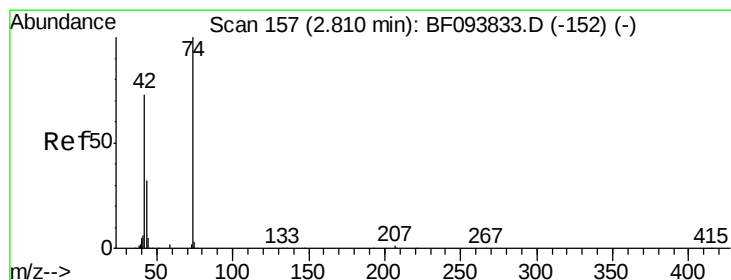
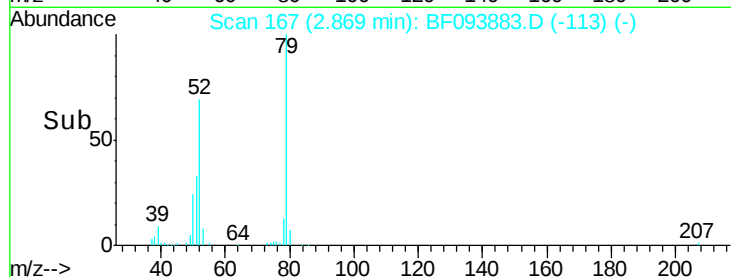
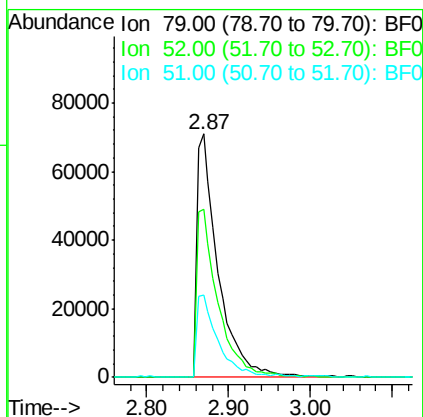
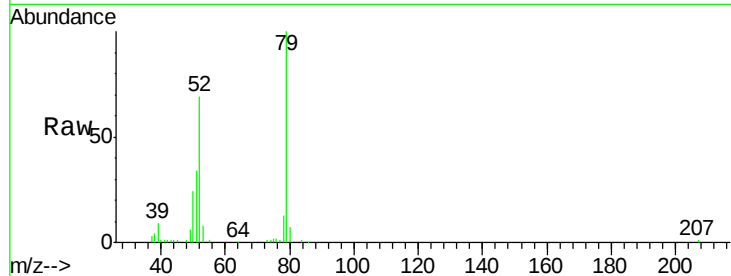
#3
Pyridine
Concen: 9.98 ng
RT: 2.87 min Scan# 167
Delta R.T. 0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
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ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.1	54.8	82.2
51	33.7	27.0	40.4

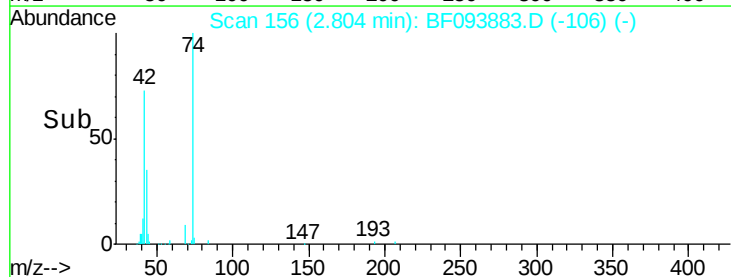
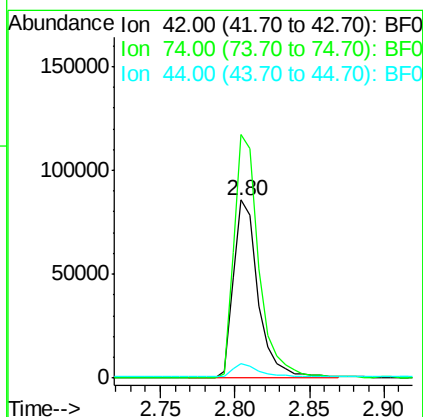
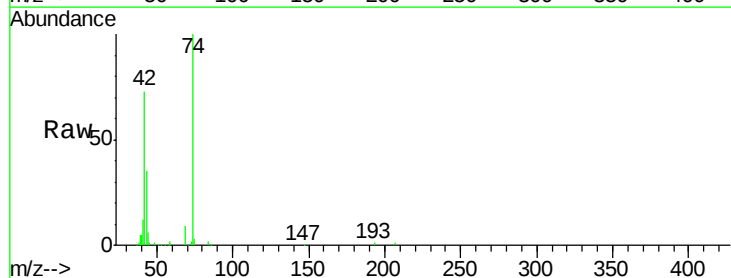
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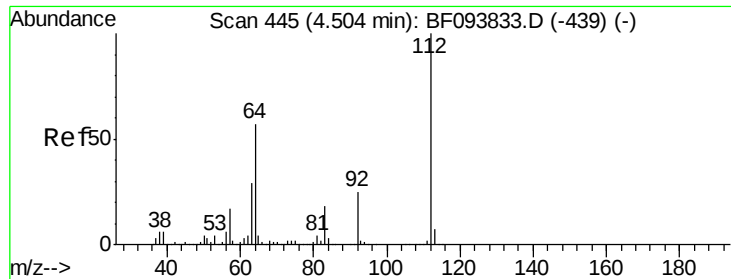
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#4
n-Nitrosodimethylamine
Concen: 19.12 ng
RT: 2.80 min Scan# 156
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.9	103.9	155.9
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 71.81 ng

RT: 4.50 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

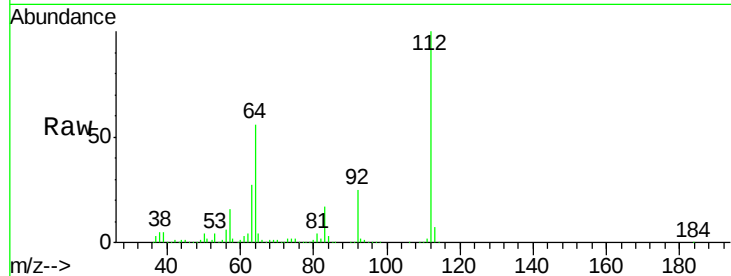
ClientSampleId :

S8-0666MSD

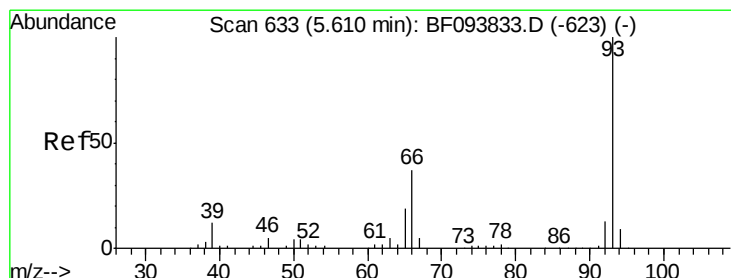
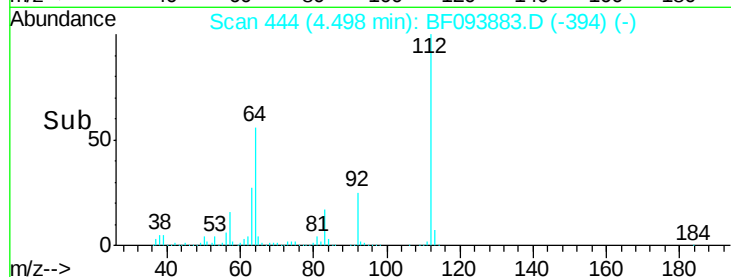
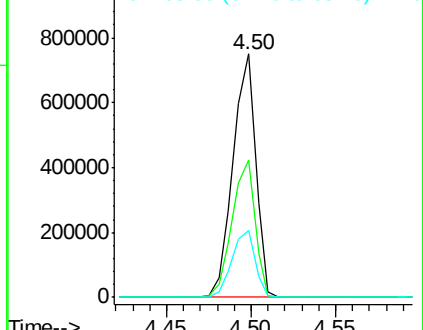
Tgt Ion:	112	Resp:	702200
Ion Ratio	Lower	Upper	
112	100		
64	56.5	46.0	69.0
63	27.4	23.4	35.0

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Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 10.99 ng

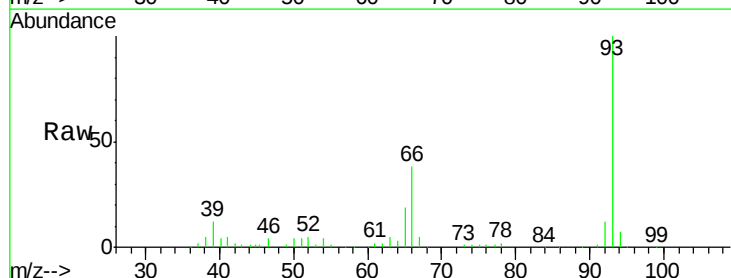
RT: 5.59 min Scan# 630

Delta R.T. -0.02 min

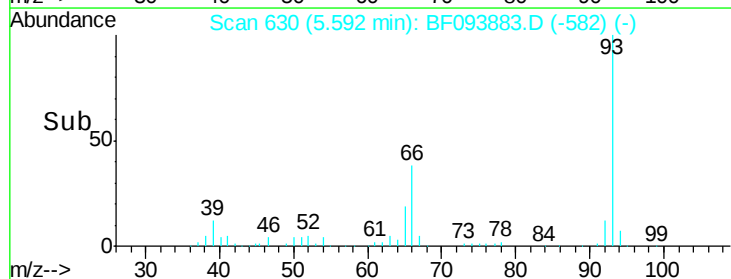
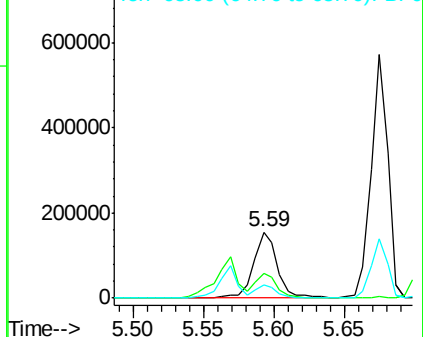
Lab File: BF093883.D

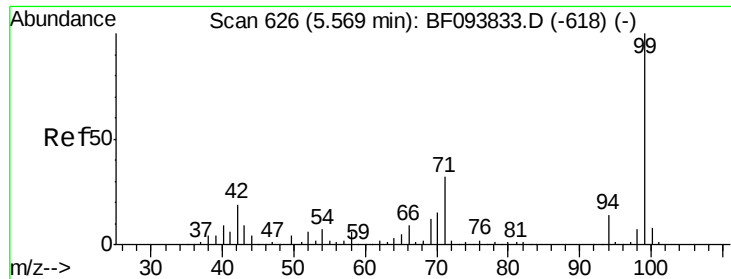
Acq: 23 Mar 2017 17:15

Tgt Ion:	93	Resp:	184894
Ion Ratio	Lower	Upper	
93	100		
66	37.5	32.9	49.3
65	19.2	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 47.43 ng

RT: 5.56 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

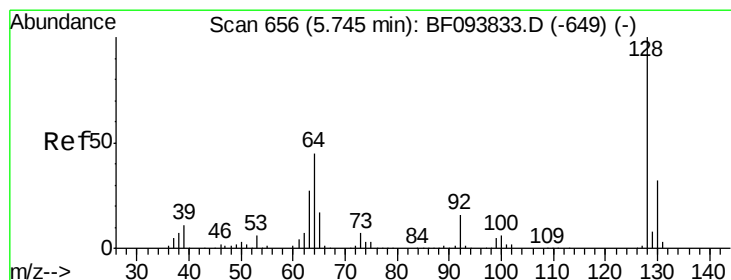
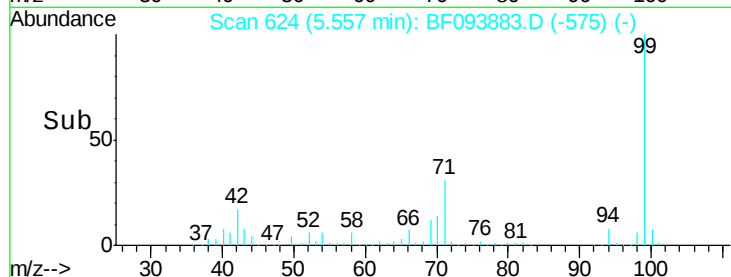
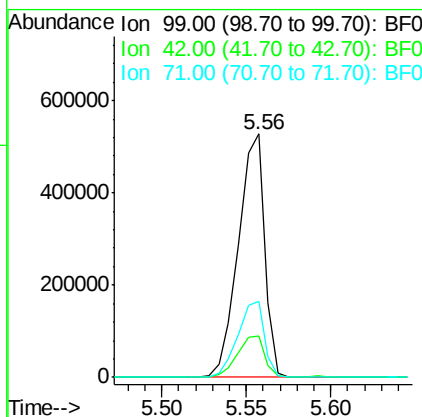
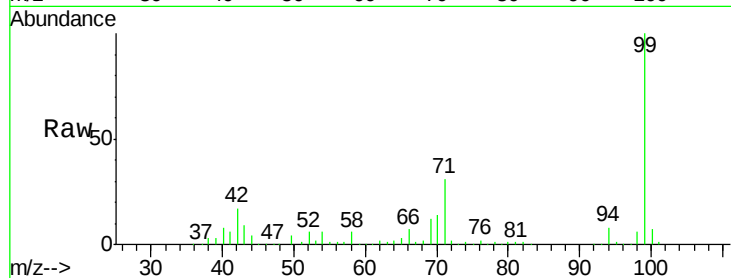
ClientSampleId :

S8-0666MSD

Tgt Ion:	99	Resp:	573715
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.5	20.3
71	31.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 38.80 ng

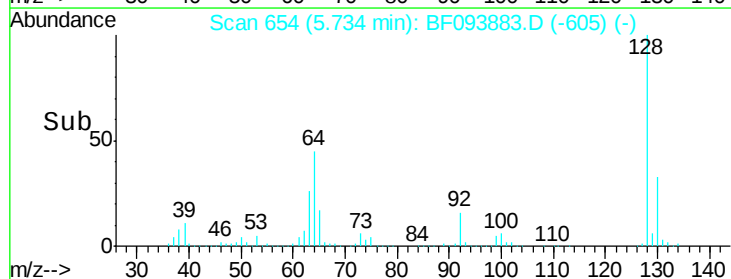
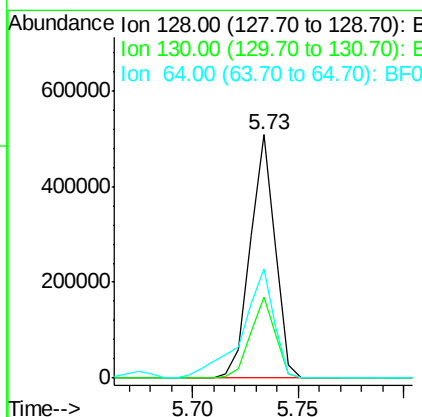
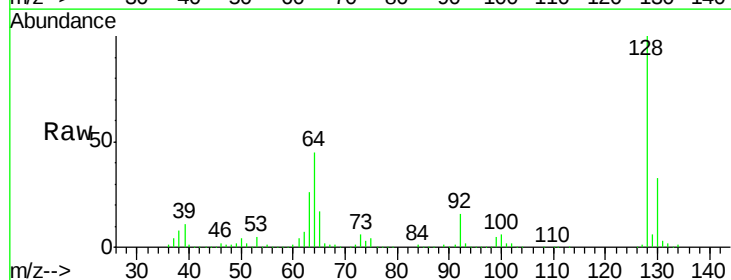
RT: 5.73 min Scan# 654

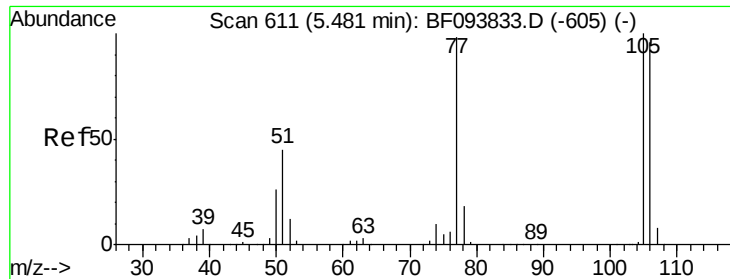
Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:	128	Resp:	416969
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.9	52.9
64	45.0	28.4	68.4





#9

Benzaldehyde

Concen: 18.67 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

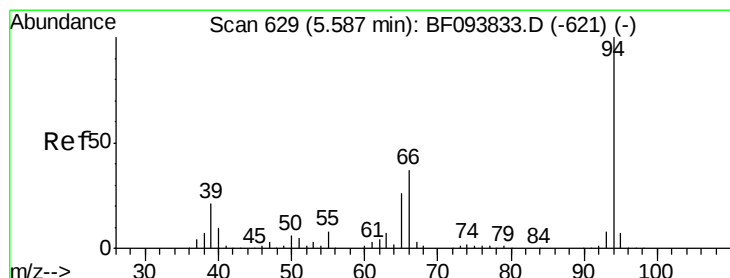
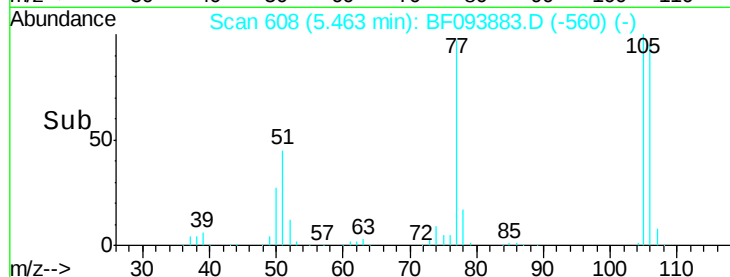
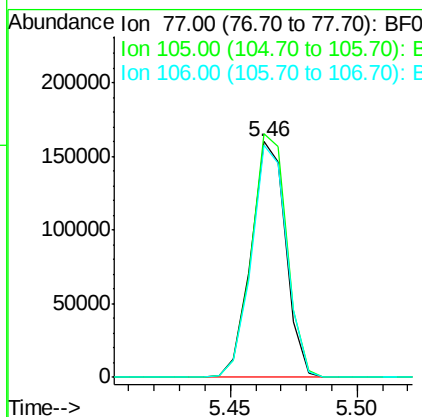
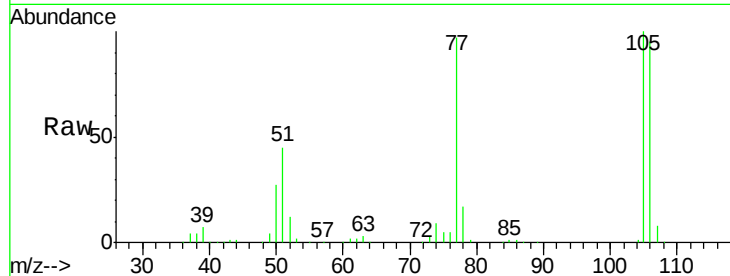
ClientSampleId :

S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
77	100		
105	103.2	83.8	123.8
106	98.2	79.1	119.1

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#10

Phenol

Concen: 16.36 ng

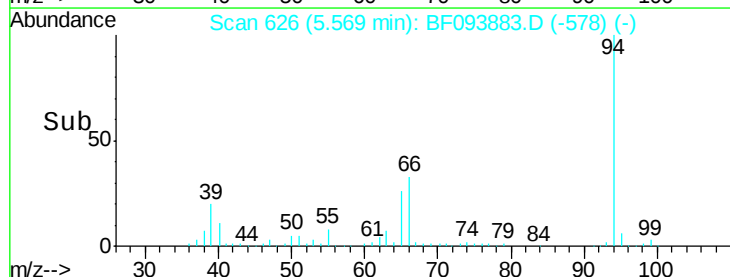
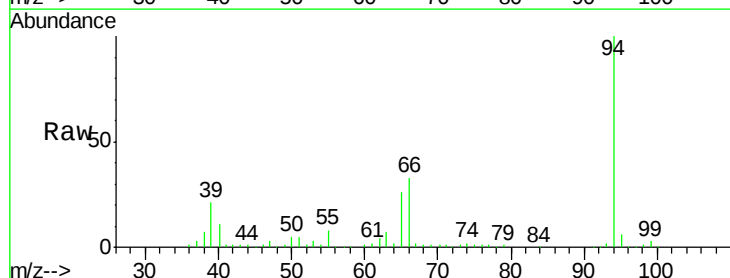
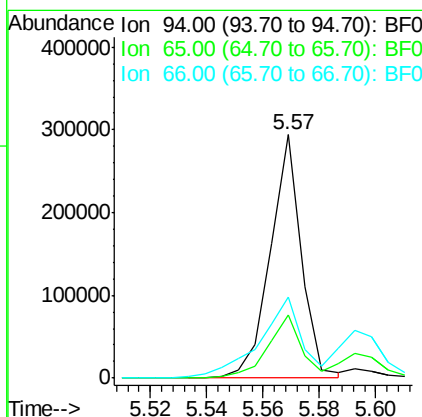
RT: 5.57 min Scan# 626

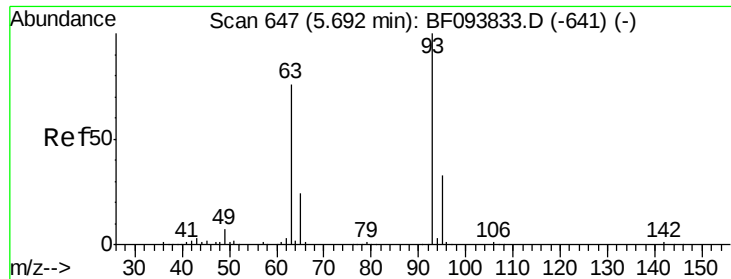
Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	33.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 43.37 ng

RT: 5.67 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

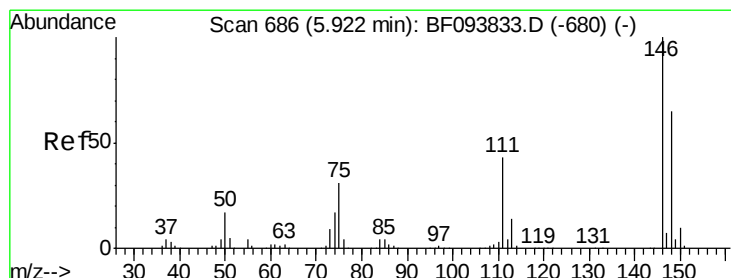
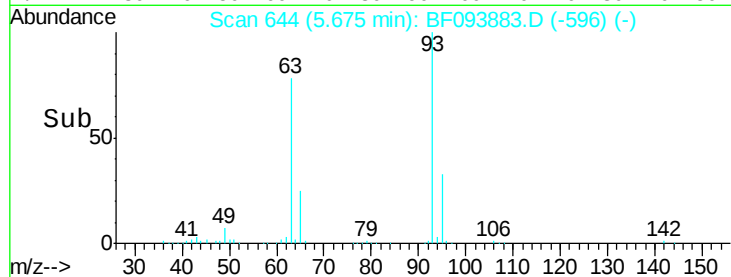
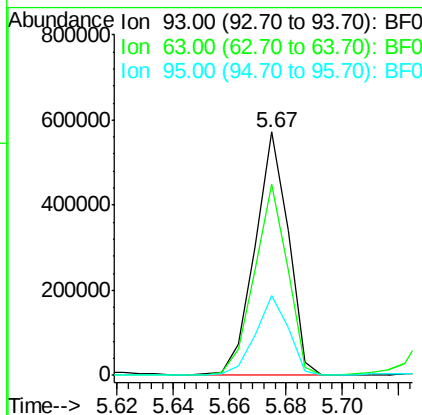
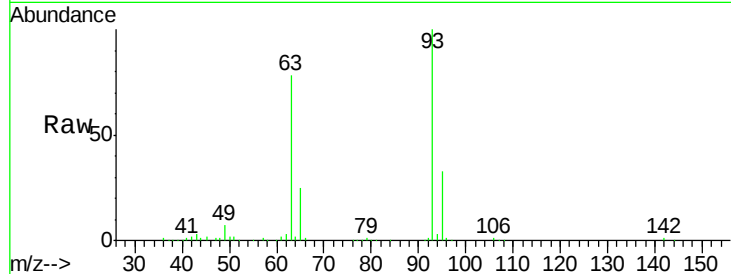
ClientSampleId :

S8-0666MSD

Tgt Ion:	93	Resp:	466569
Ion	Ratio	Lower	Upper
93	100		
63	78.3	59.2	99.2
95	32.8	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.43 ng

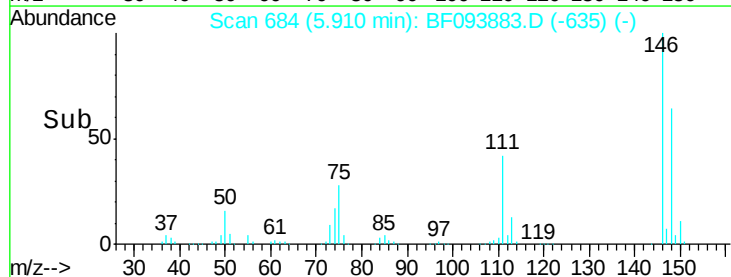
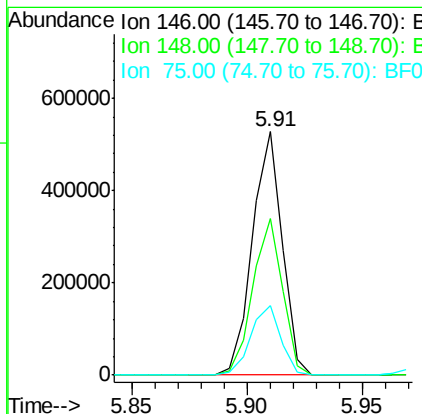
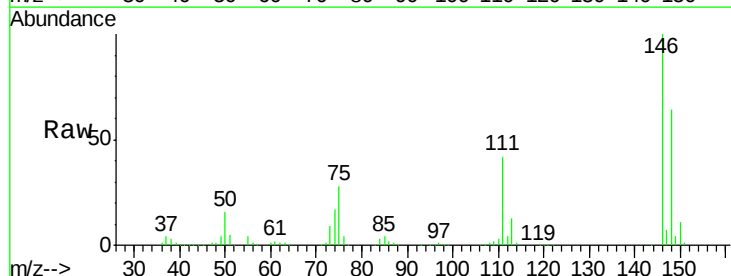
RT: 5.91 min Scan# 684

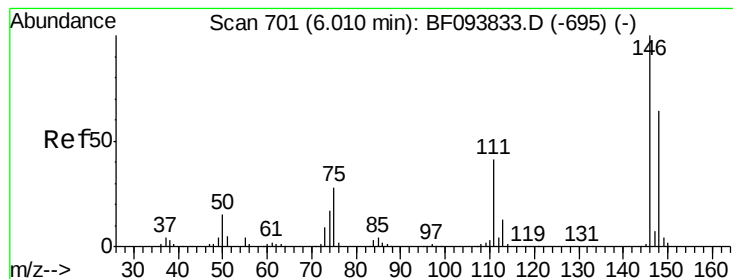
Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:	146	Resp:	475321
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	28.5	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.46 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF093833.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

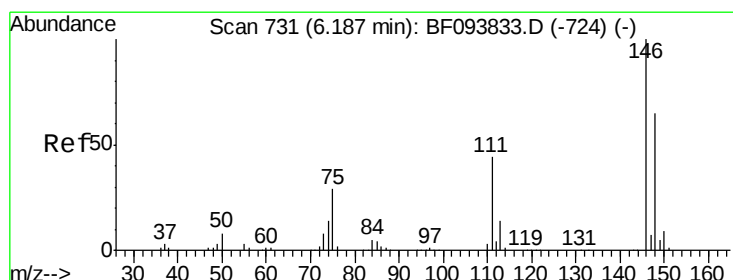
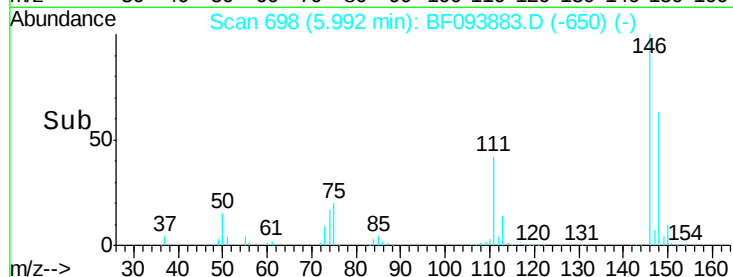
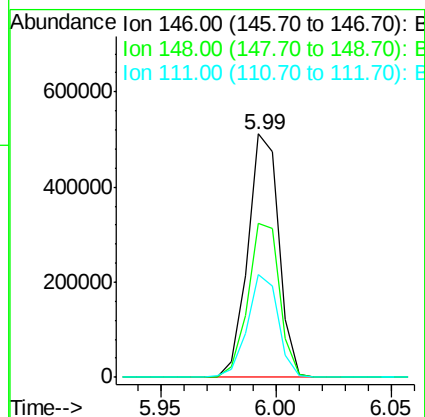
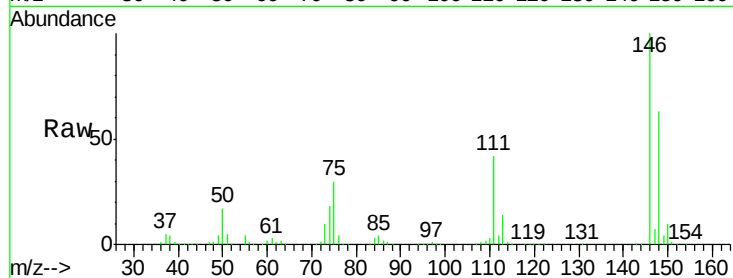
ClientSampleId :

S8-0666MSD

Tgt Ion:	146	Resp:	481782
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	42.4	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.07 ng

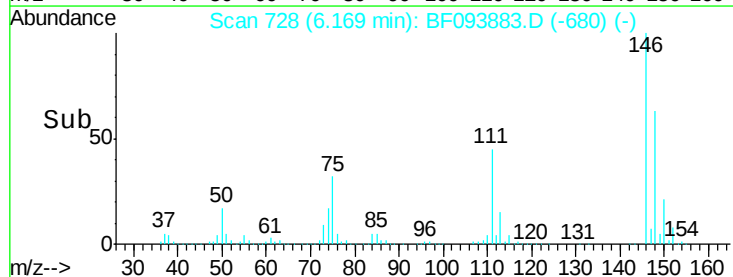
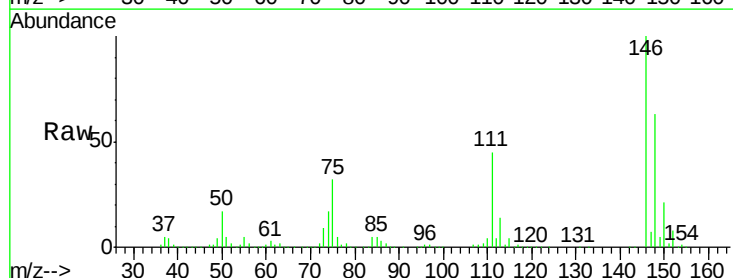
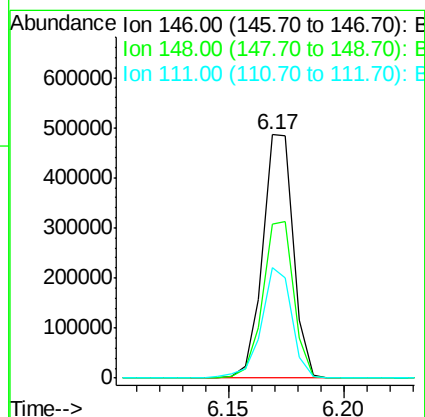
RT: 6.17 min Scan# 728

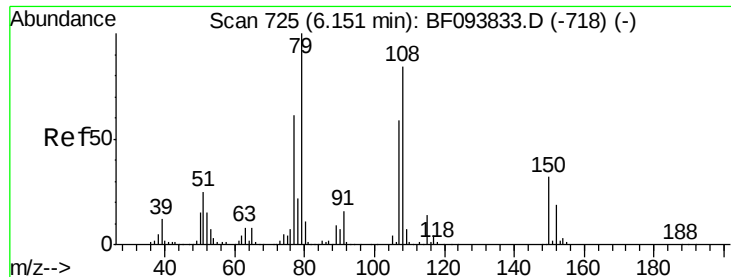
Delta R.T. -0.02 min

Lab File: BF093833.D

Acq: 23 Mar 2017 17:15

Tgt Ion:	146	Resp:	450589
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
111	45.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 32.55 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

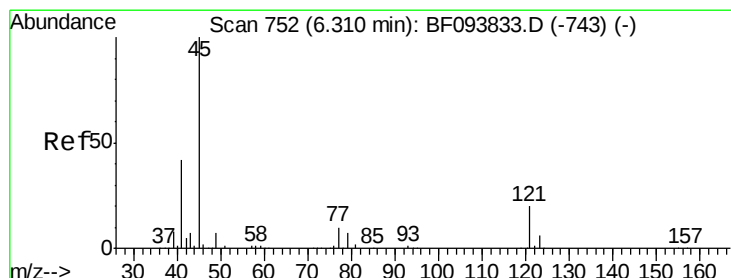
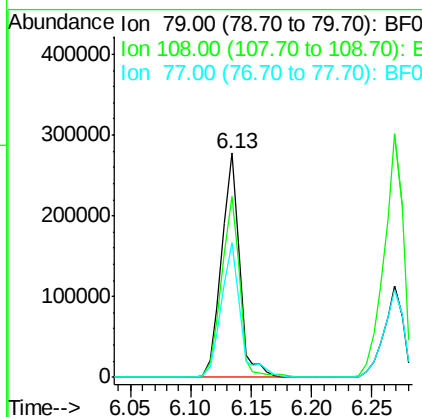
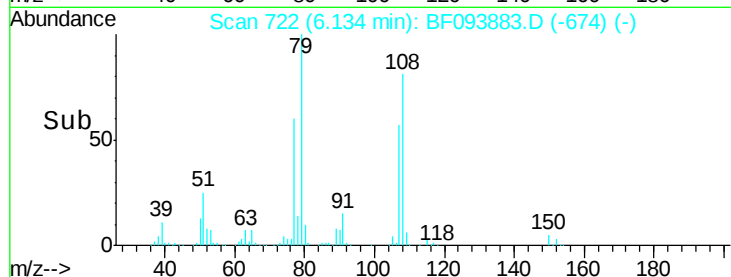
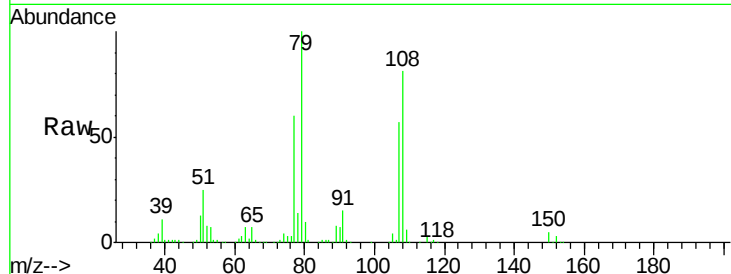
ClientSampleId :

S8-0666MSD

Tgt Ion:	79	Resp:	288236
Ion Ratio	Lower	Upper	
79	100		
108	80.8	63.4	95.0
77	60.3	49.2	73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.69 ng

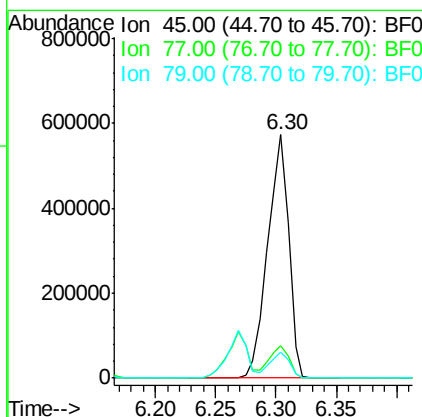
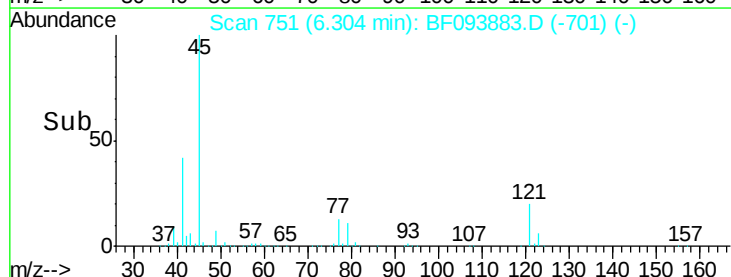
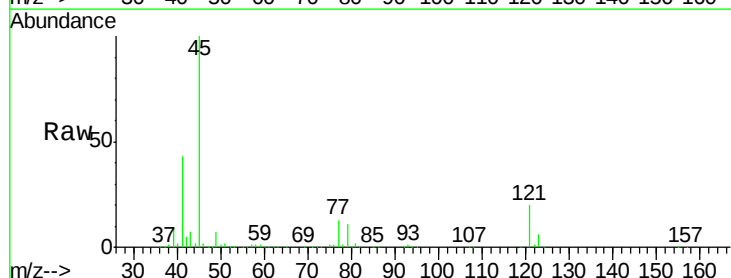
RT: 6.30 min Scan# 751

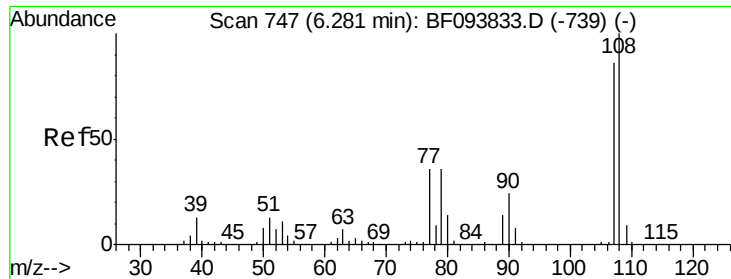
Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:	45	Resp:	691139
Ion Ratio	Lower	Upper	
45	100		
77	13.2	0.0	33.2
79	10.7	0.0	30.0





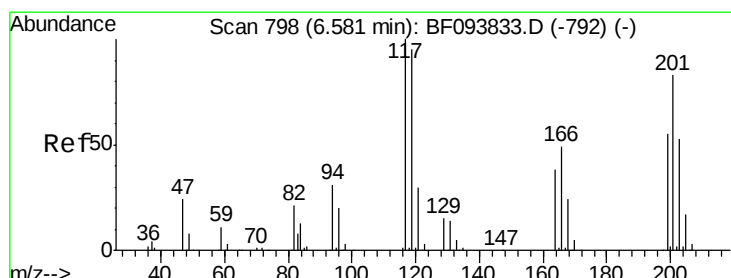
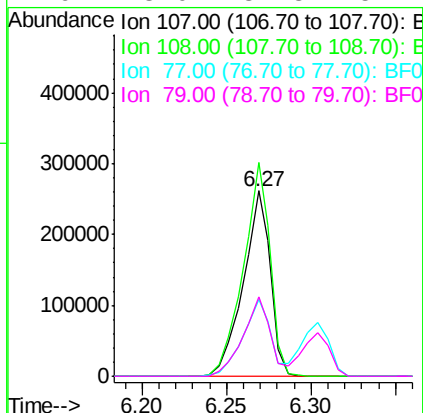
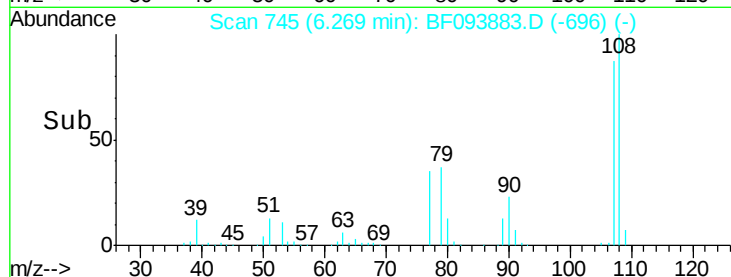
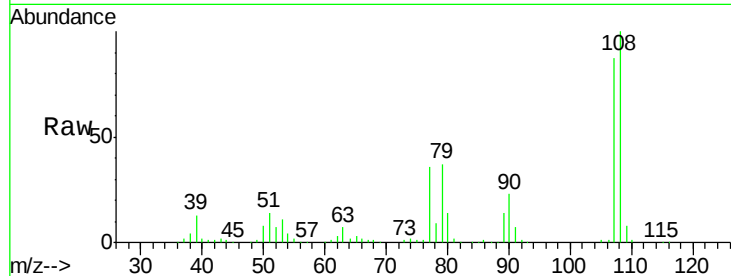
#17
2-Methylphenol
Concen: 31.81 ng
RT: 6.27 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion:	107	Resp:	292767
Ion Ratio	Lower	Upper	
107	100		
108	115.2	93.4	140.0
77	41.3	35.8	53.6
79	43.0	34.8	52.2

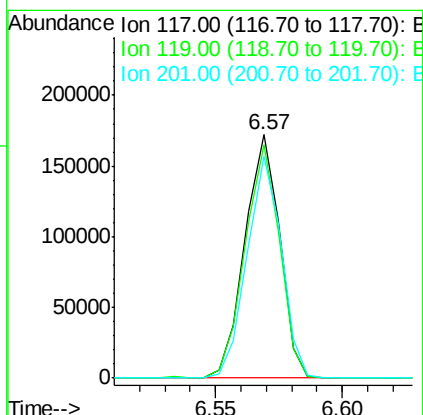
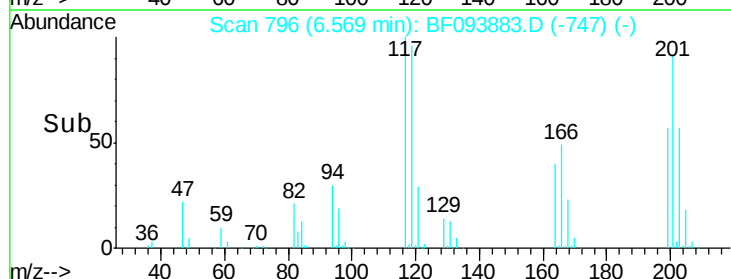
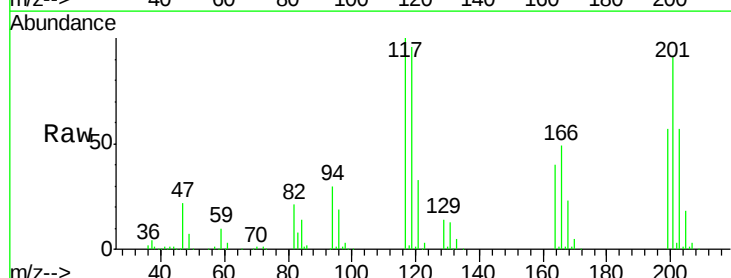
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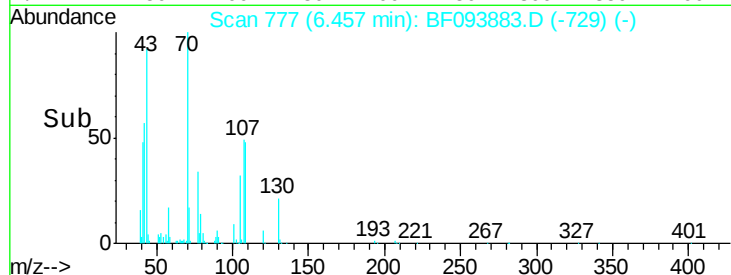
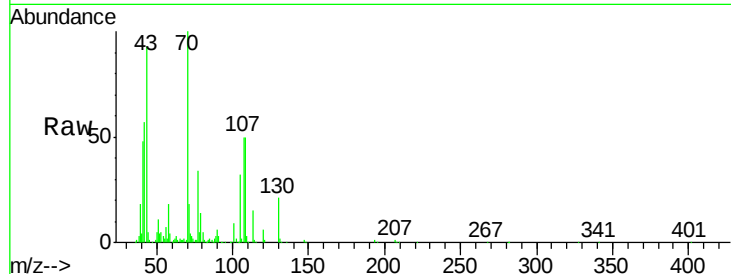
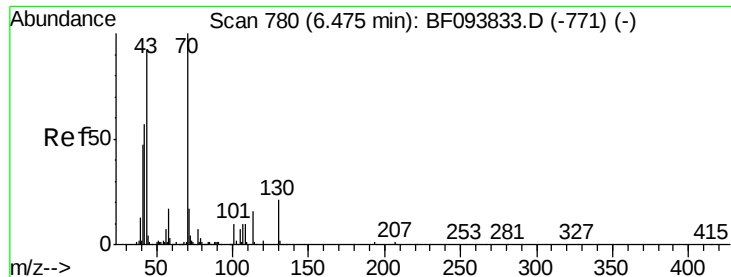
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#18
Hexachloroethane
Concen: 38.48 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:	117	Resp:	165157
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.4	116.0
201	90.9	94.6	141.8#





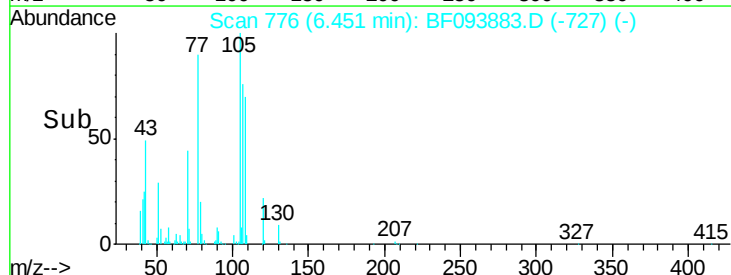
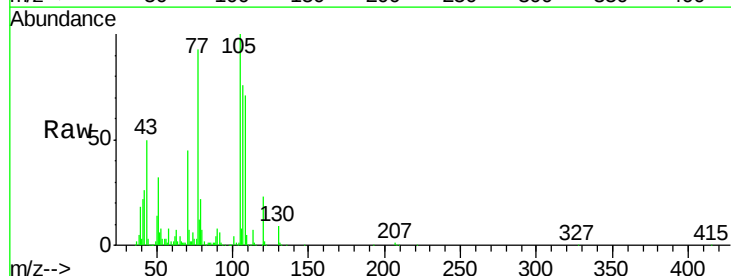
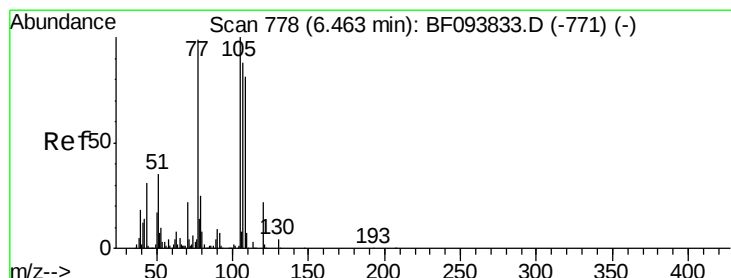
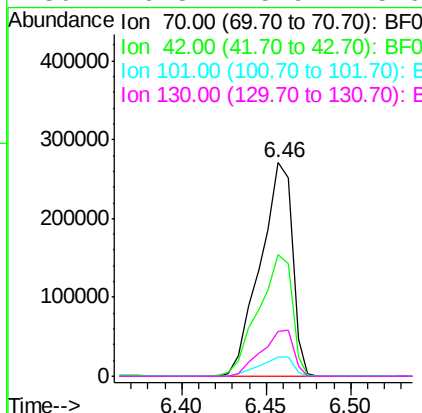
#19
n-Nitroso-di-n-propylamine
Concen: 46.01 ng
RT: 6.46 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

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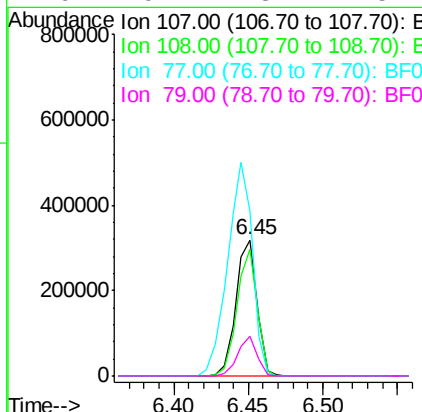
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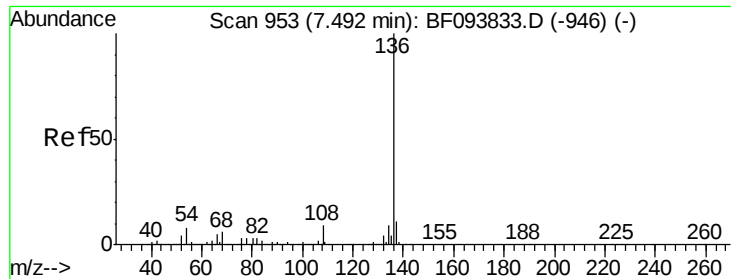
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.2	70.8
101	8.8	7.2	10.8
130	20.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 28.19 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	71.0	111.0
77	121.4	90.5	130.5
79	29.2	8.4	48.4





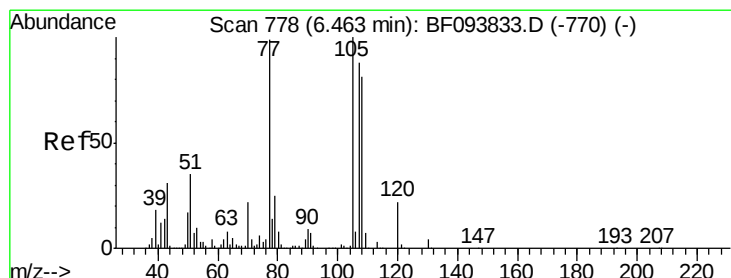
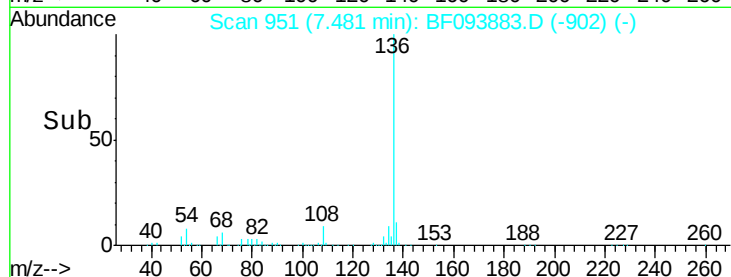
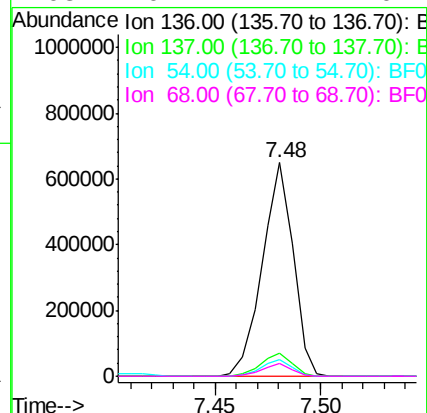
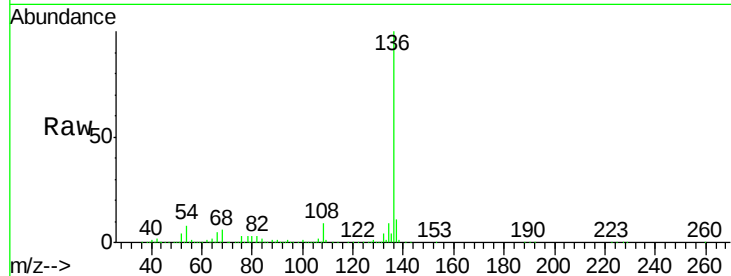
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	663274		
137	11.1	8.5	12.7	
54	7.6	4.9	7.3#	
68	6.1	4.1	6.1	

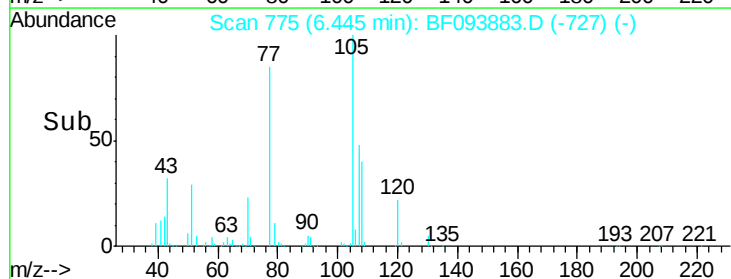
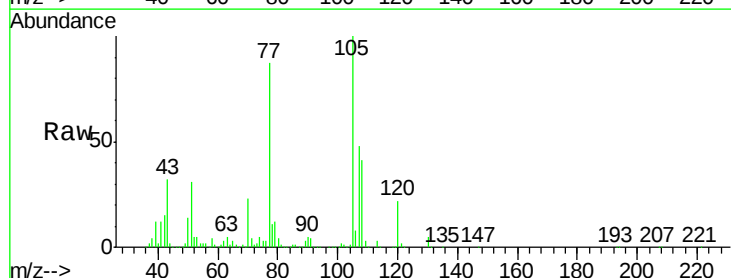
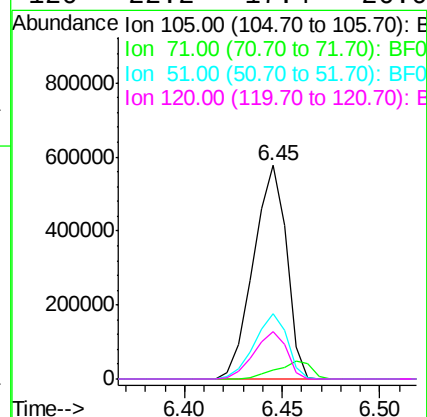
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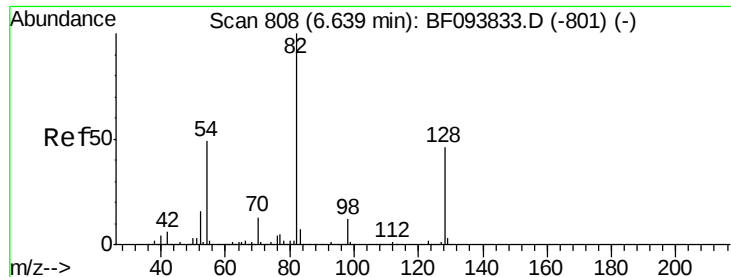
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#22
Acetophenone
Concen: 45.88 ng
RT: 6.45 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	678214		
71	4.1	2.8	4.2	
51	30.8	30.7	46.1	
120	22.2	17.4	26.0	





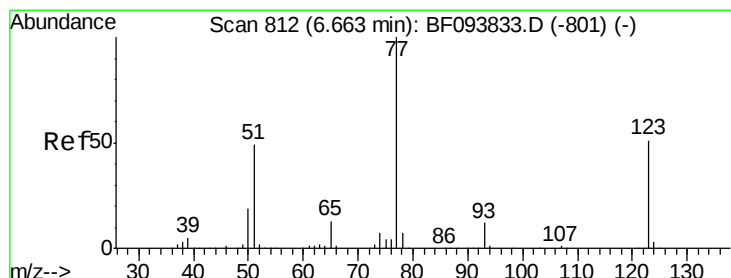
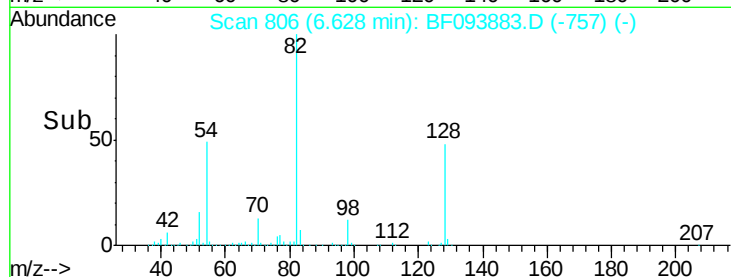
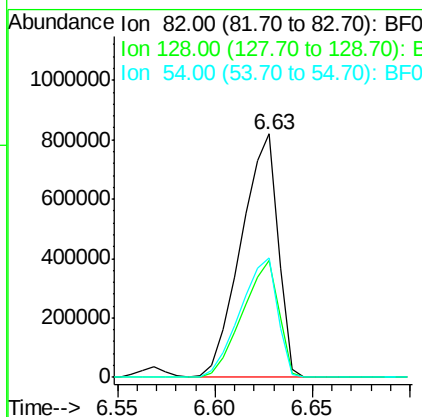
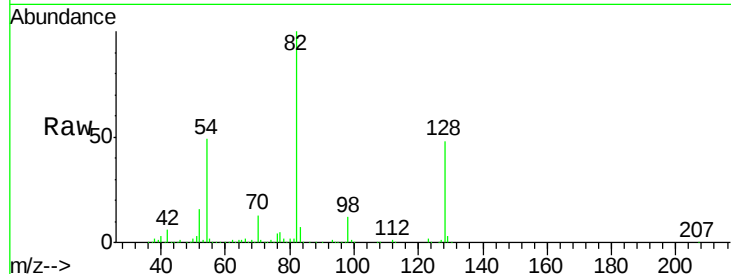
#23
 Nitrobenzene-d5
 Concen: 92.32 ng
 RT: 6.63 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion: 82 Resp: 1073025
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 49.2 42.2 63.2

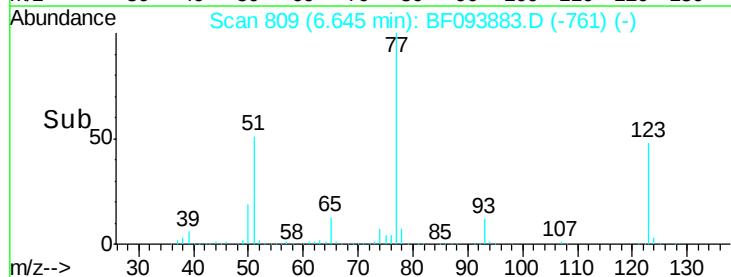
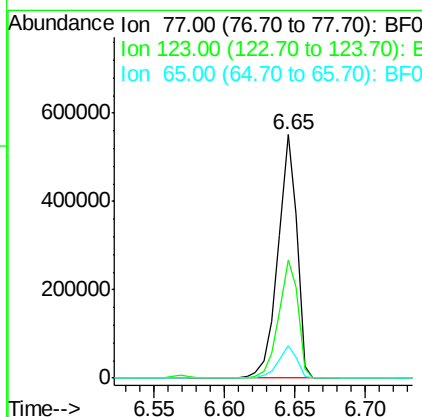
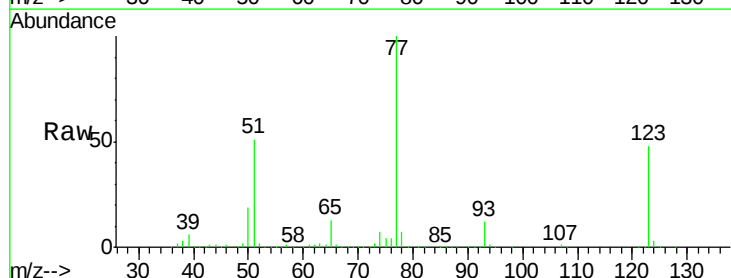
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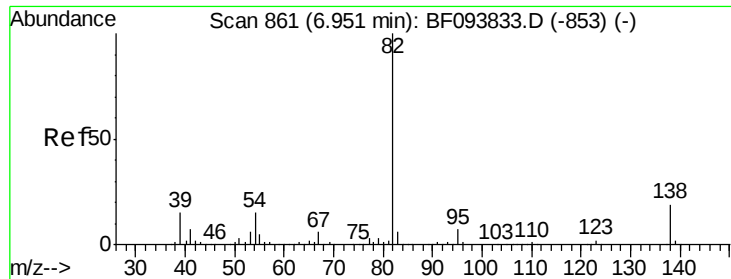
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#24
 Nitrobenzene
 Concen: 44.86 ng
 RT: 6.65 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion: 77 Resp: 514250
 Ion Ratio Lower Upper
 77 100
 123 48.4 35.8 53.8
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 46.72 ng

RT: 6.93 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

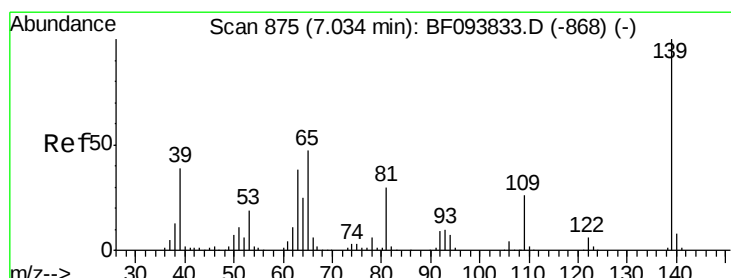
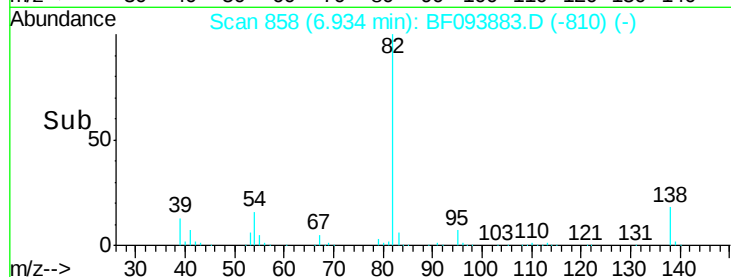
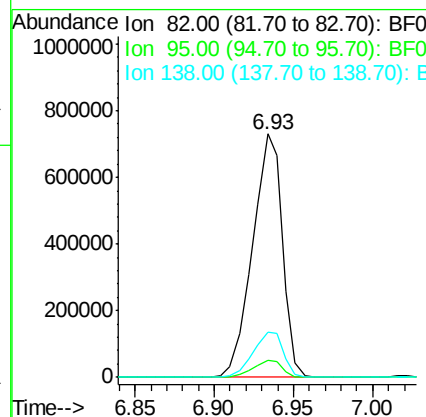
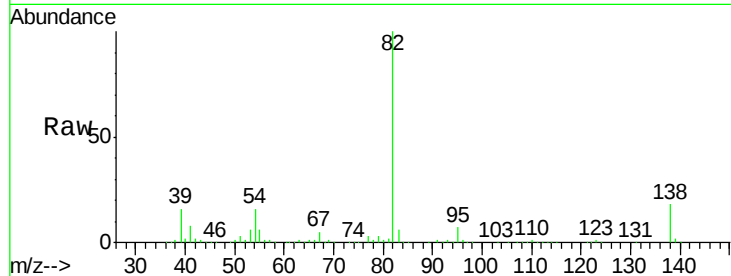
ClientSampleId :

S8-0666MSD

Tgt Ion:	82	Resp:	954082
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	18.3	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.89 ng

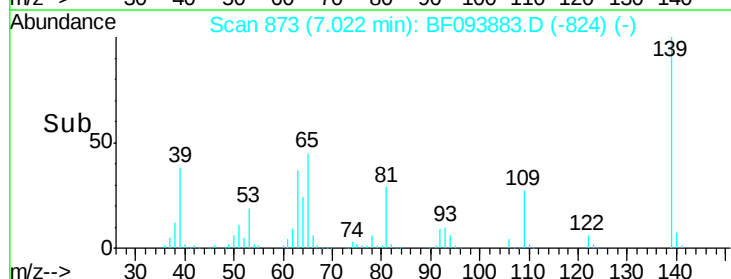
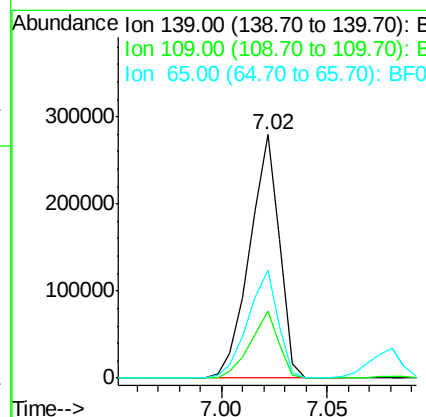
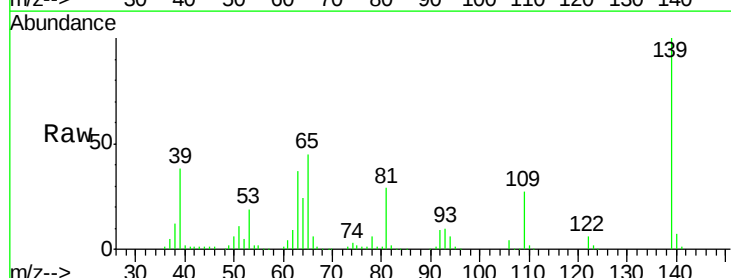
RT: 7.02 min Scan# 873

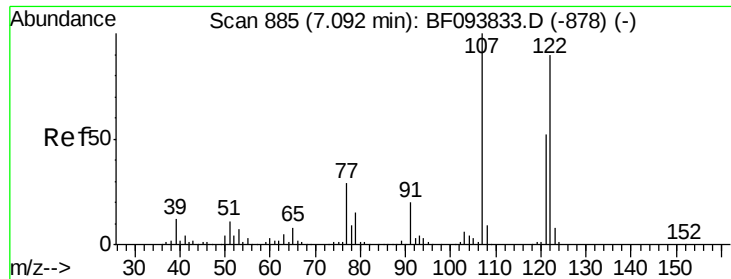
Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:	139	Resp:	272727
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.0	31.6
65	44.5	33.0	49.6





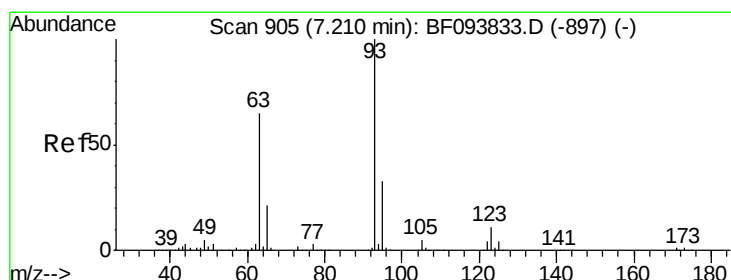
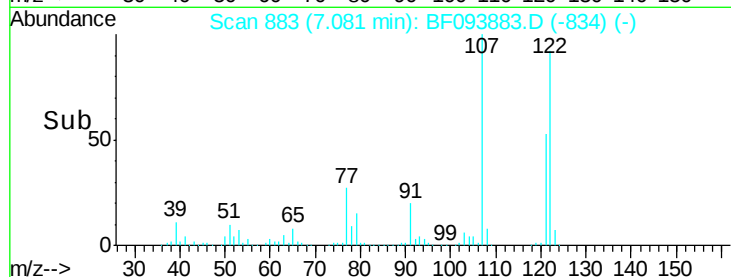
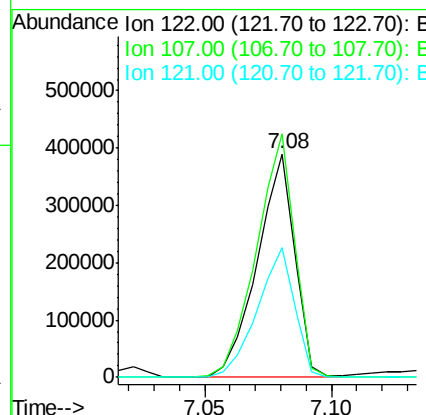
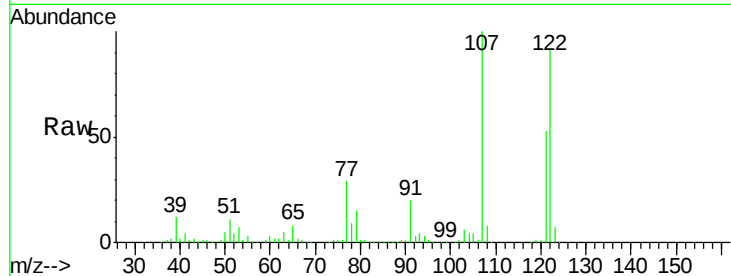
#27
2,4-Dimethylphenol
Concen: 42.90 ng
RT: 7.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	404055		
107	109.0	89.2	133.8	
121	58.0	45.2	67.8	

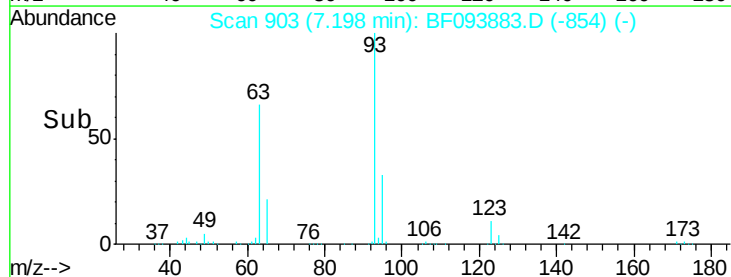
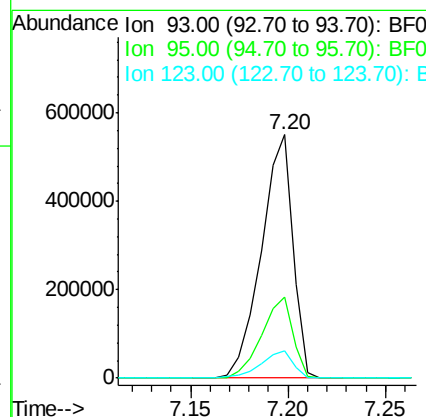
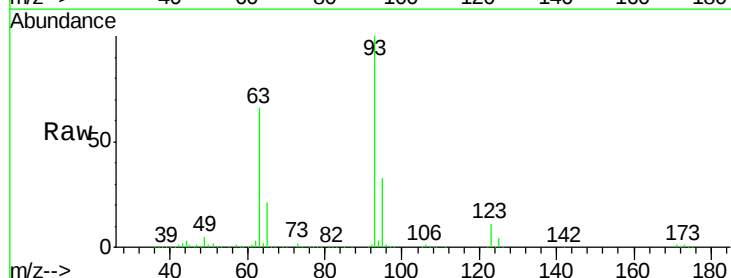
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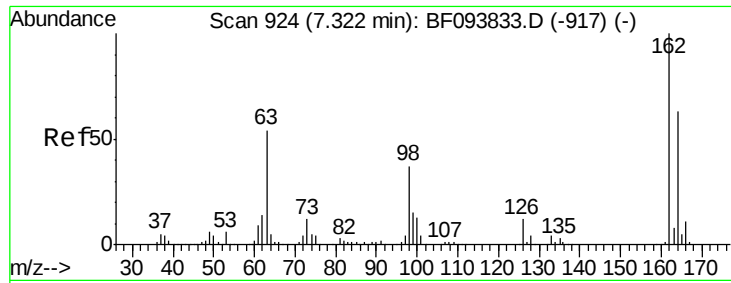
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 45.58 ng
RT: 7.20 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	613851		
95	33.1	26.5	39.7	
123	11.1	9.0	13.4	





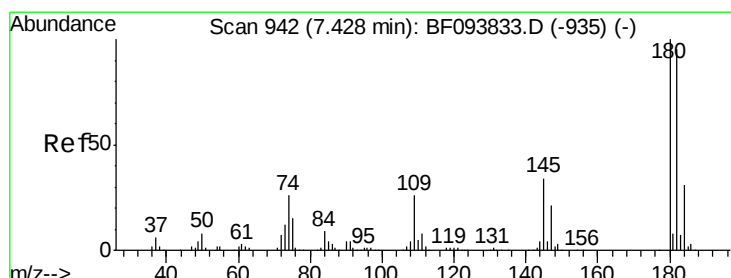
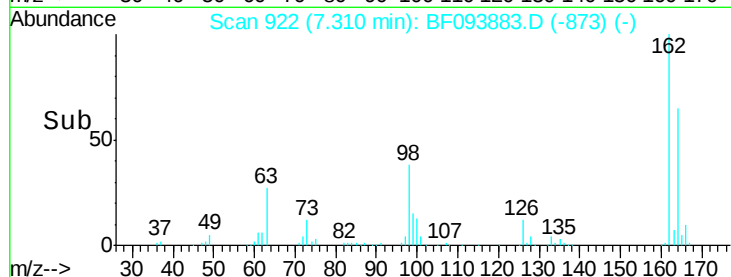
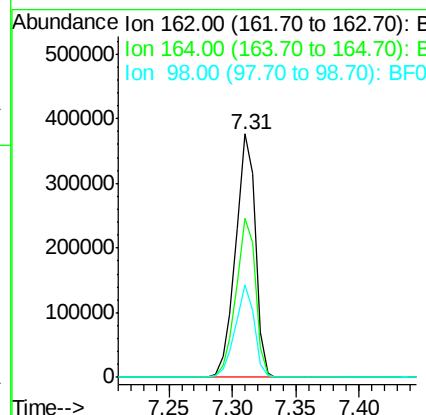
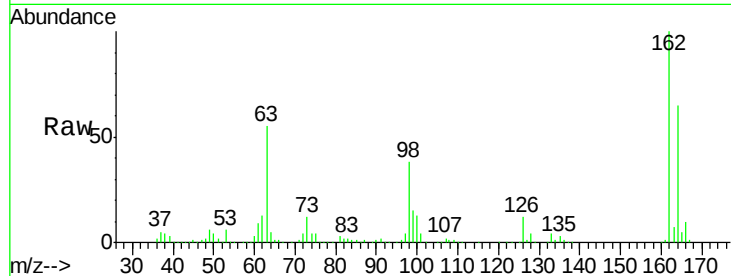
#29
 2,4-Dichlorophenol
 Concen: 45.60 ng
 RT: 7.31 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.2	44.6	84.6
98	38.0	14.8	54.8

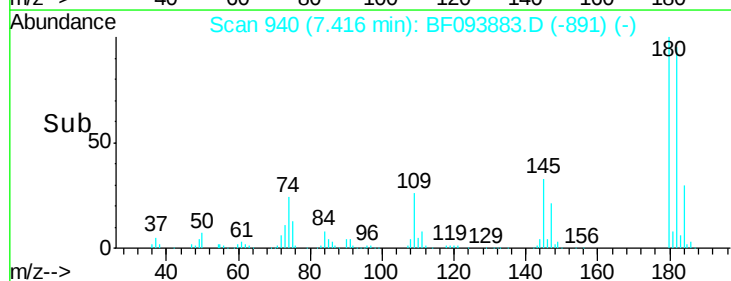
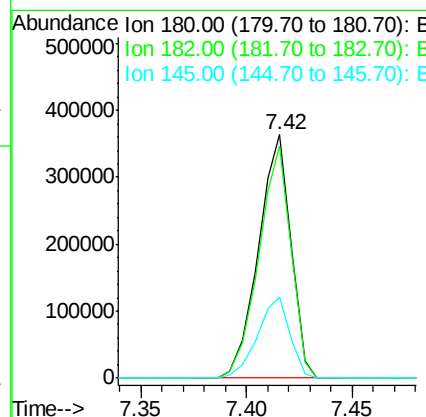
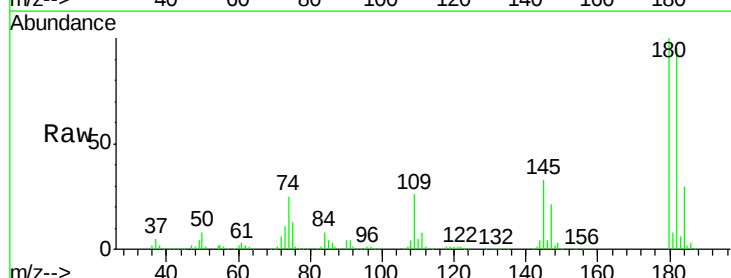
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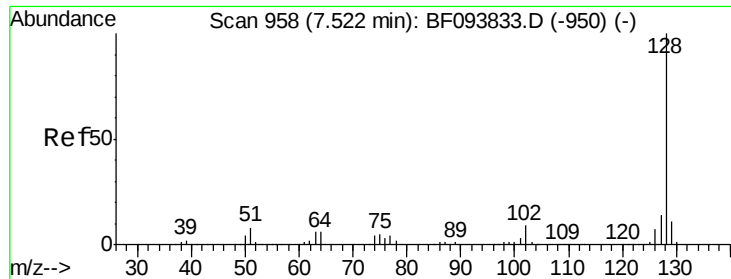
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.69 ng
 RT: 7.42 min Scan# 940
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	75.8	113.6
145	33.4	25.3	37.9





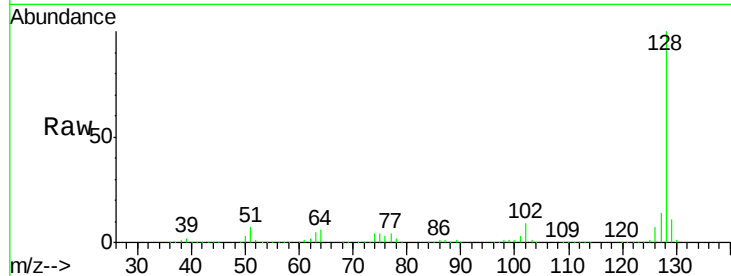
#31
Naphthalene
Concen: 42.40 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

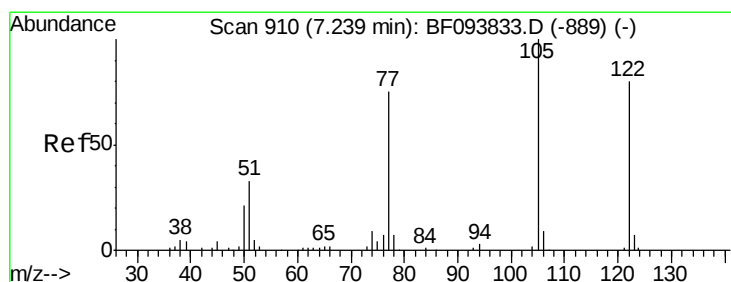
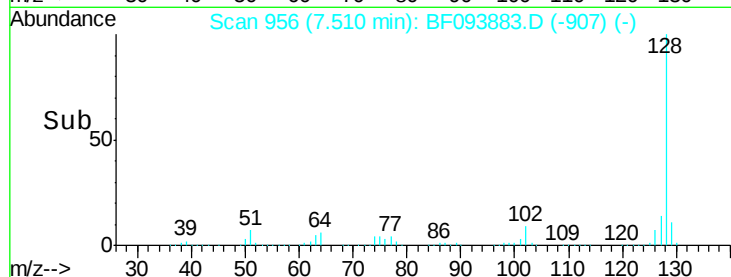
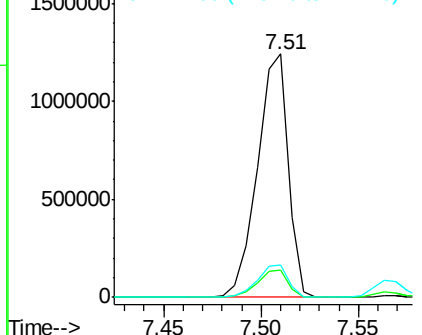
Tgt Ion:128 Resp: 1352226
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2

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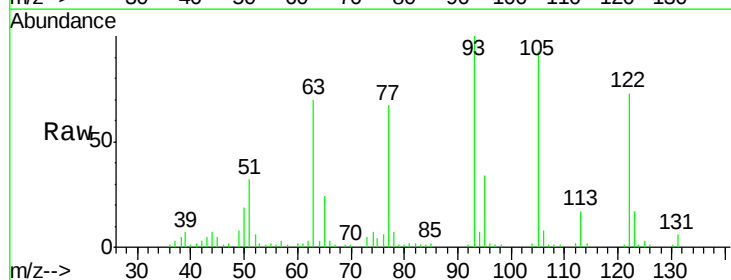


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

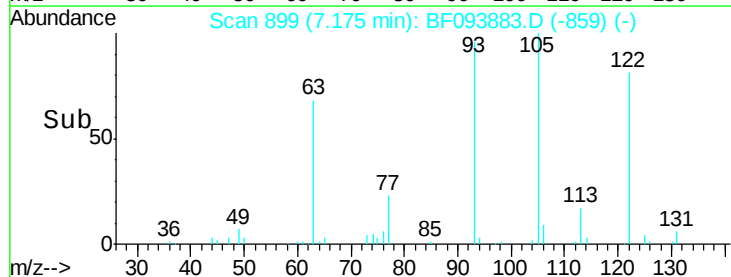
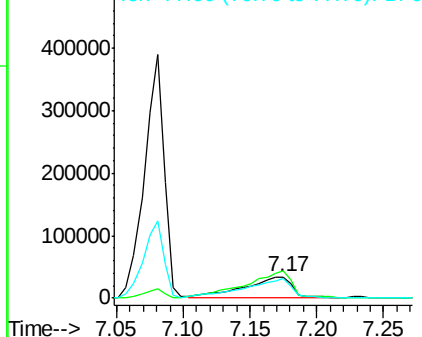


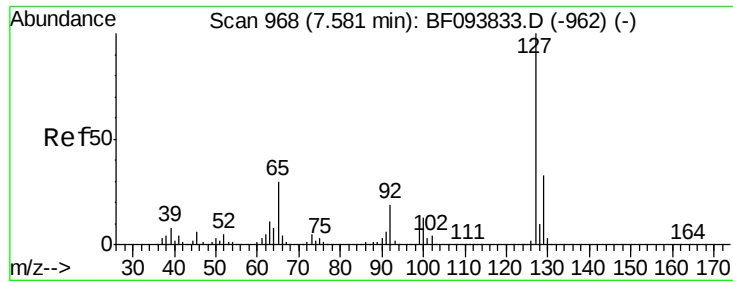
#32
Benzoic acid
Concen: 13.09 ng
RT: 7.17 min Scan# 899
Delta R.T. -0.06 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:122 Resp: 82054
Ion Ratio Lower Upper
122 100
105 127.6 103.3 143.3
77 92.3 73.7 113.7



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





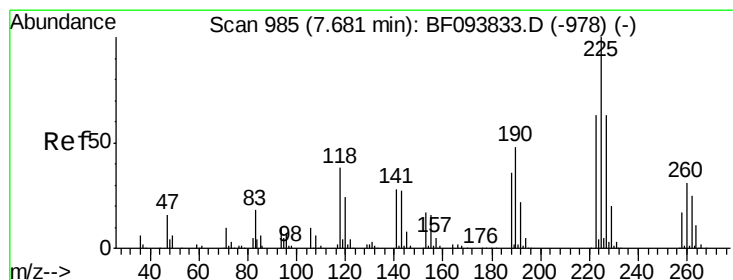
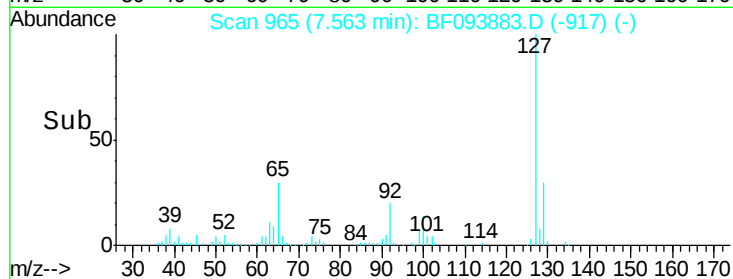
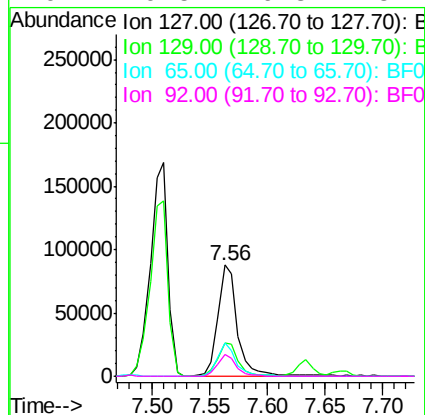
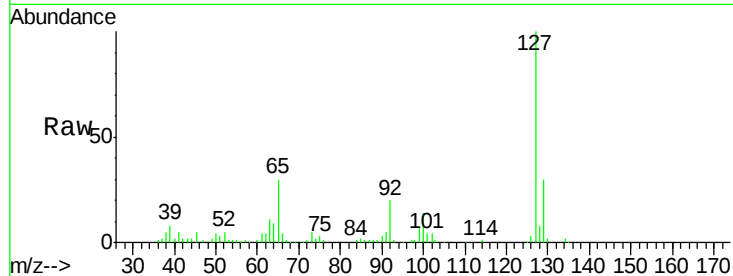
#33
4-Chloroaniline
Concen: 8.05 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	104108		
129	30.3	26.2	39.2	
65	30.1	27.8	41.8	
92	19.5	16.8	25.2	

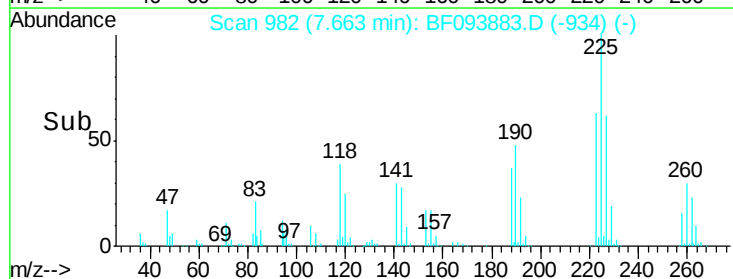
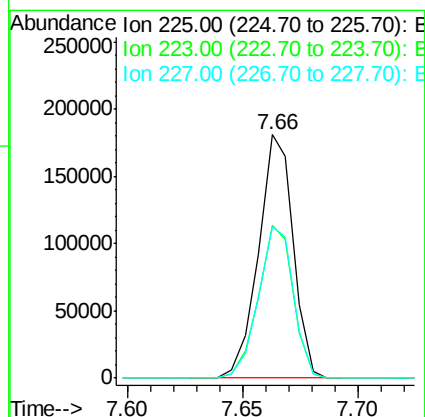
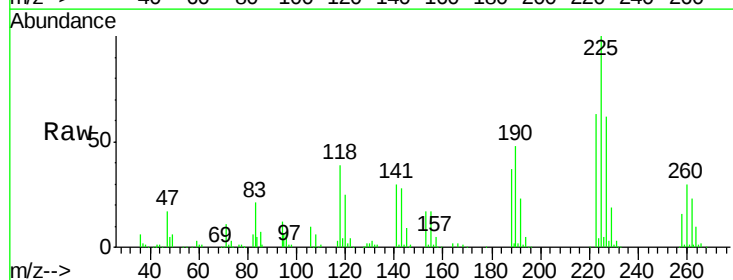
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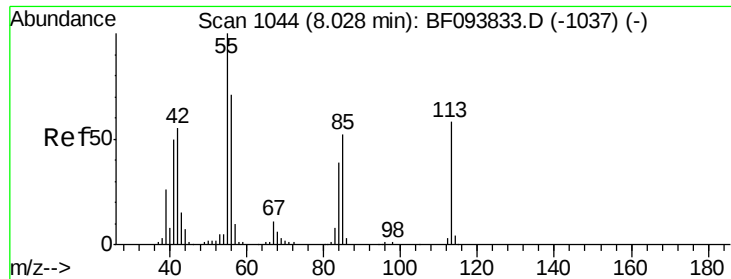
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#34
Hexachlorobutadiene
Concen: 40.53 ng
RT: 7.66 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	188519		
223	62.9	48.8	73.2	
227	62.0	51.1	76.7	





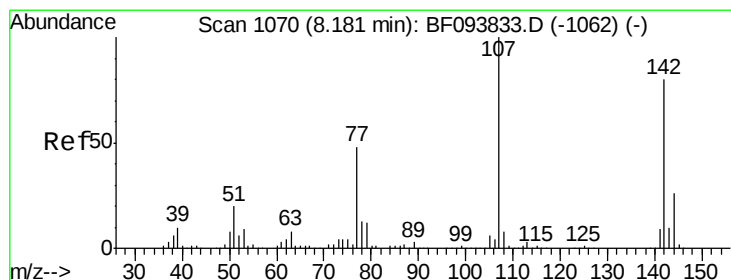
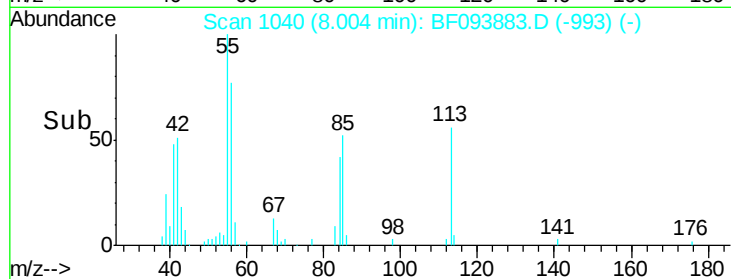
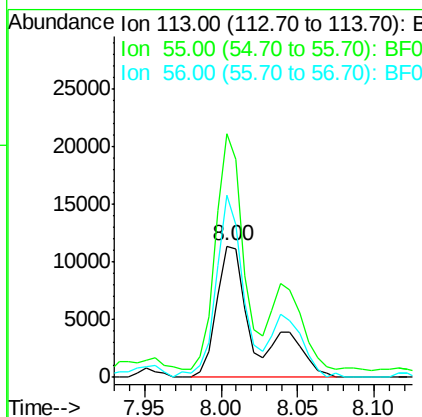
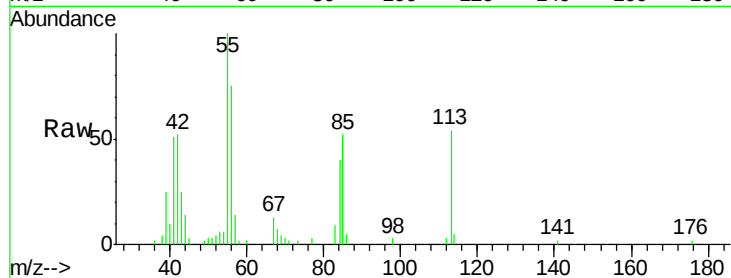
#35
 Caprolactam
 Concen: 7.31 ng m
 RT: 8.00 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion:113 Resp: 20526
 Ion Ratio Lower Upper
 113 100
 55 185.0 150.2 190.2
 56 138.1 107.8 147.8

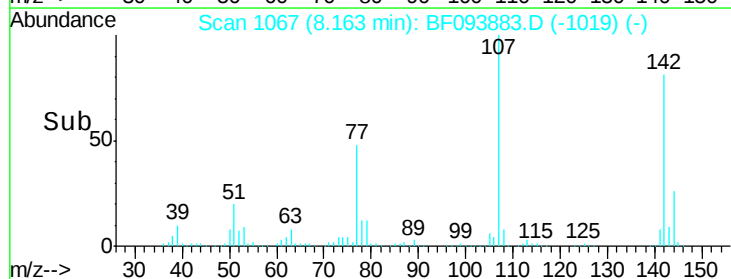
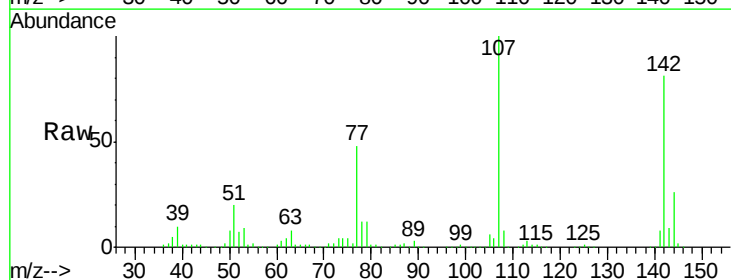
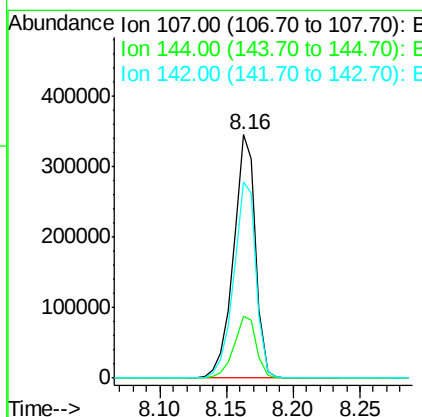
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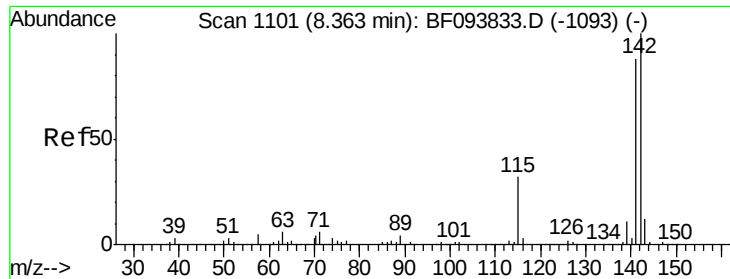
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#36
 4-Chloro-3-methylphenol
 Concen: 43.18 ng
 RT: 8.16 min Scan# 1067
 Delta R.T. -0.02 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:107 Resp: 397339
 Ion Ratio Lower Upper
 107 100
 144 25.6 24.2 36.4
 142 80.9 73.4 110.0





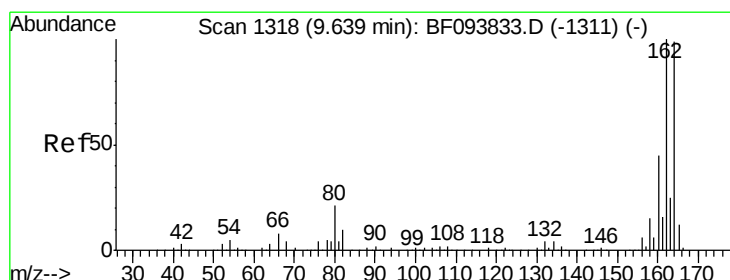
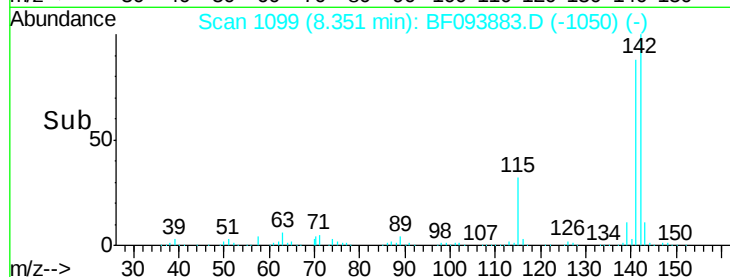
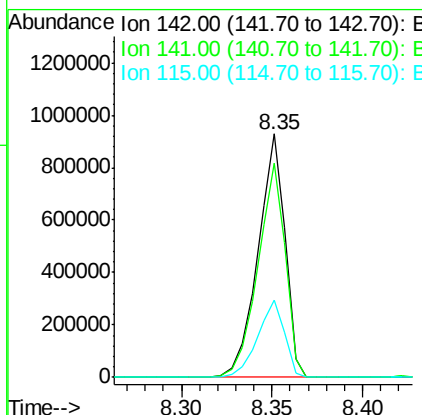
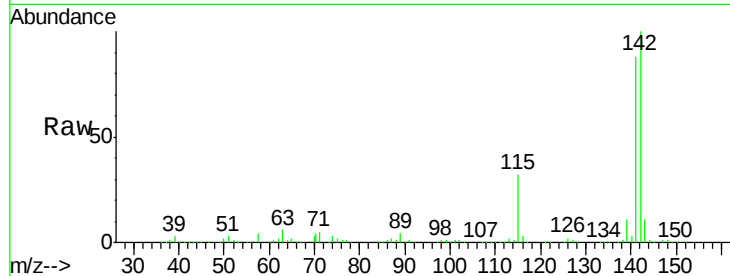
#37
2-Methylnaphthalene
Concen: 45.25 ng
RT: 8.35 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	31.8	27.1	40.7

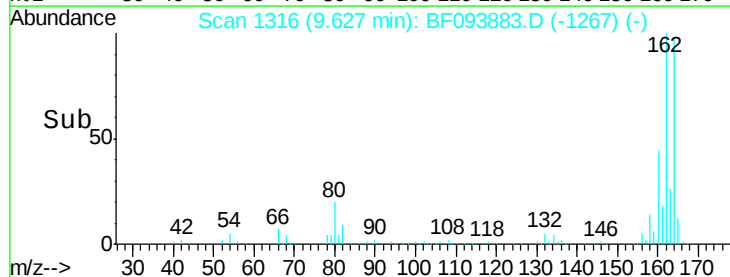
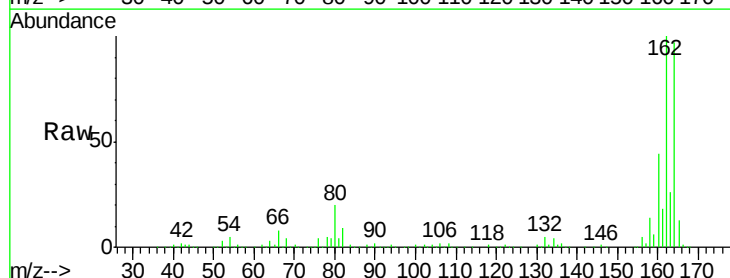
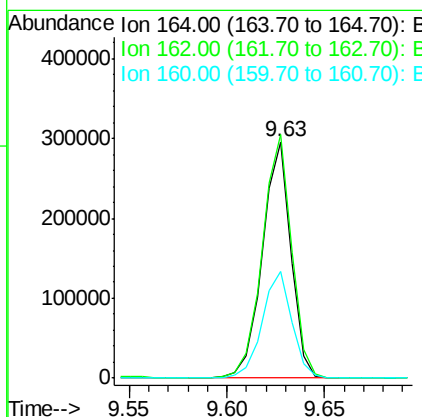
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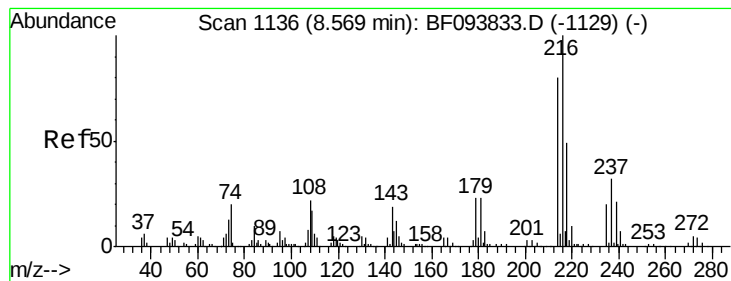
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	45.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.87 ng

RT: 8.56 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

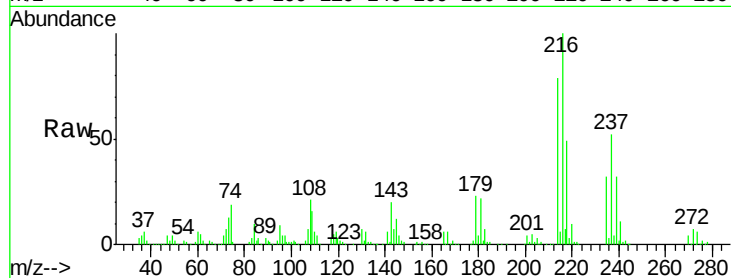
ClientSampleId :

S8-0666MSD

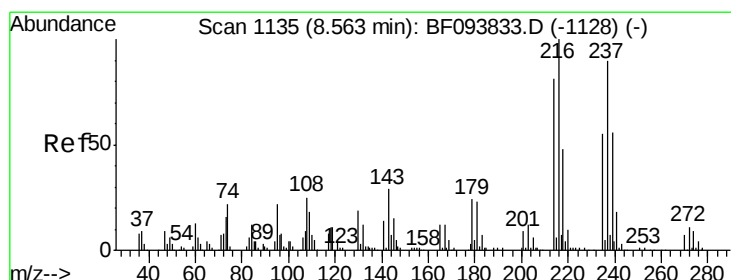
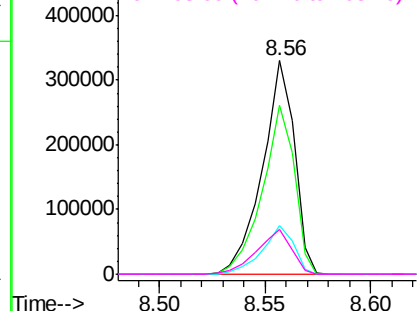
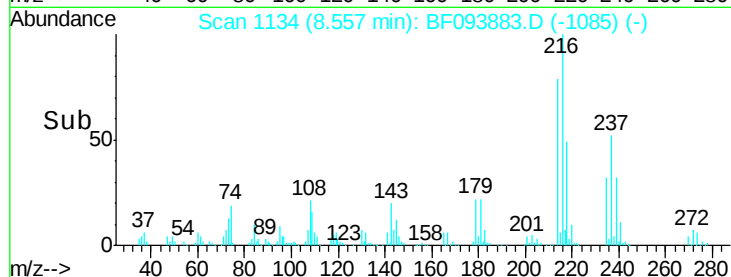
Tgt Ion:	216	Resp:	349759
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.4	95.2
179	22.3	17.9	26.9
108	22.3	16.5	24.7

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 79.53 ng

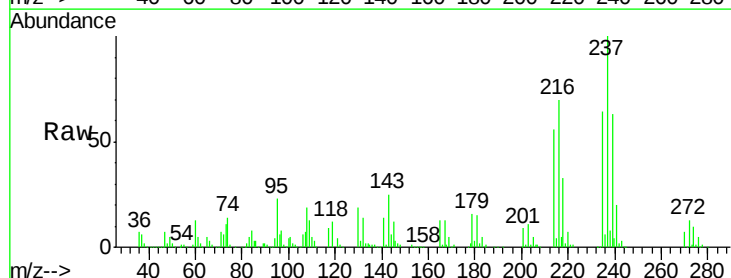
RT: 8.55 min Scan# 1133

Delta R.T. -0.01 min

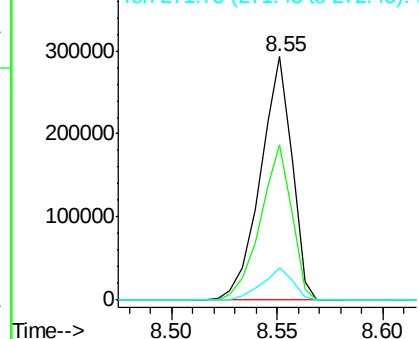
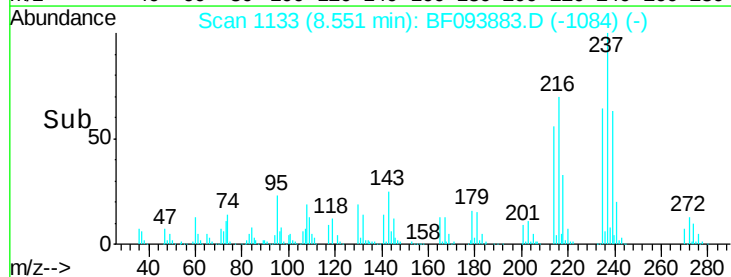
Lab File: BF093883.D

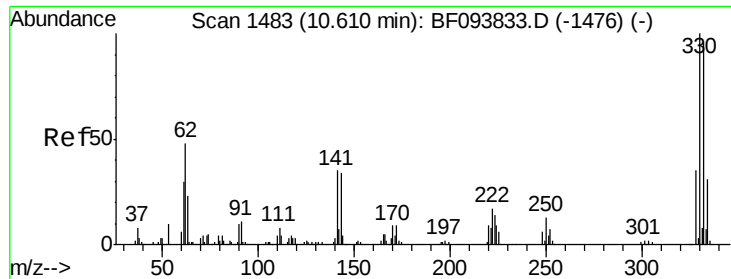
Acq: 23 Mar 2017 17:15

Tgt Ion:	237	Resp:	303665
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.6	82.6
272	13.2	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 152.25 ng

RT: 10.60 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

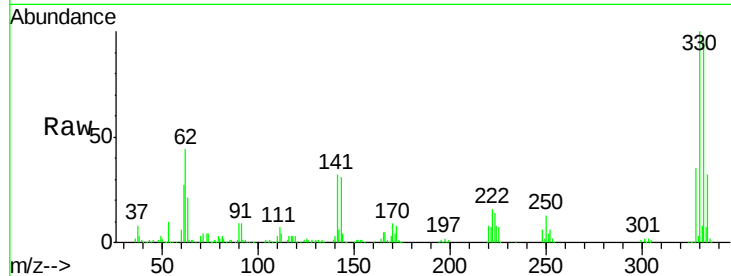
ClientSampleId :

S8-0666MSD

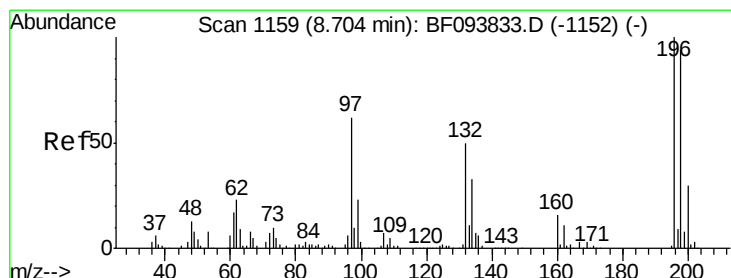
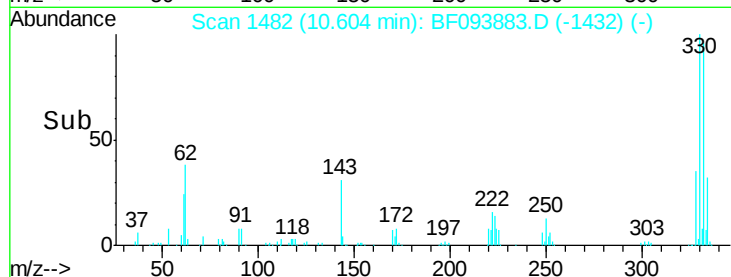
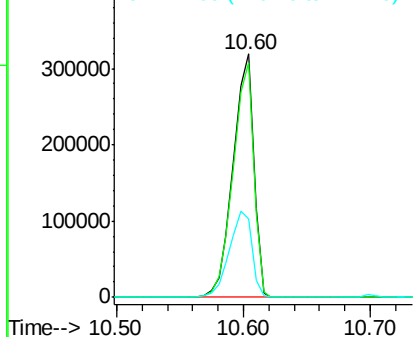
Tgt Ion:	330	Resp:	358833
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	38.3	31.4	47.2

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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: 49.60 ng

RT: 8.70 min Scan# 1158

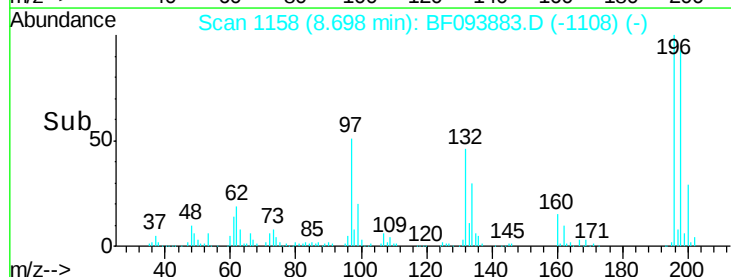
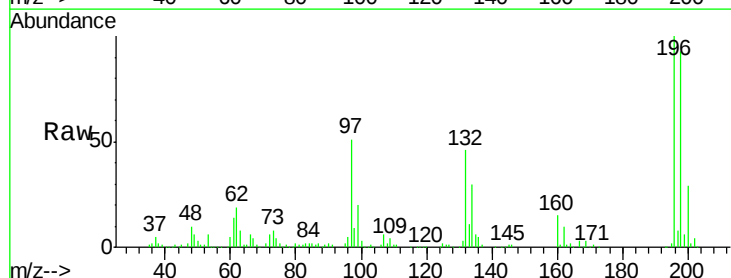
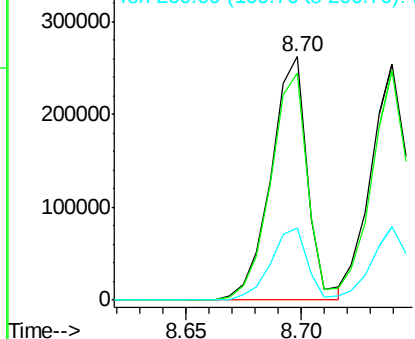
Delta R.T. -0.01 min

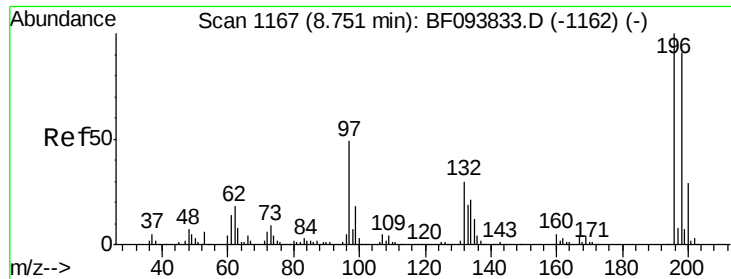
Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:	196	Resp:	286301
Ion Ratio	Lower	Upper	
196	100		
198	93.3	74.2	111.4
200	29.4	24.0	36.0

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





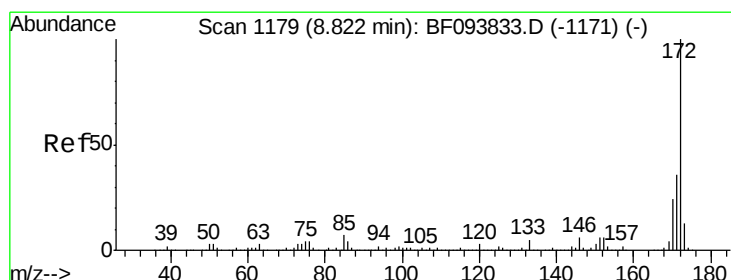
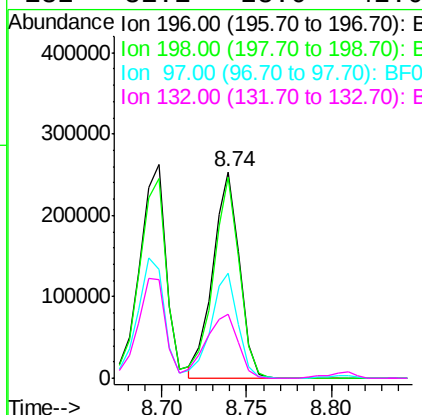
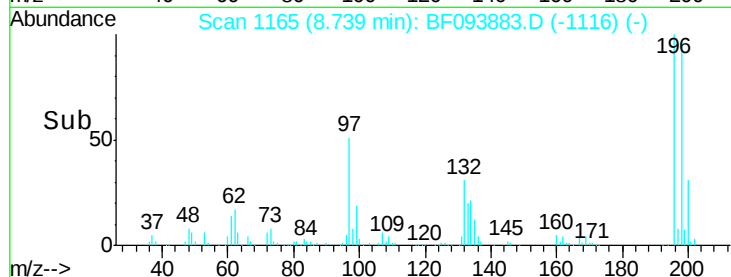
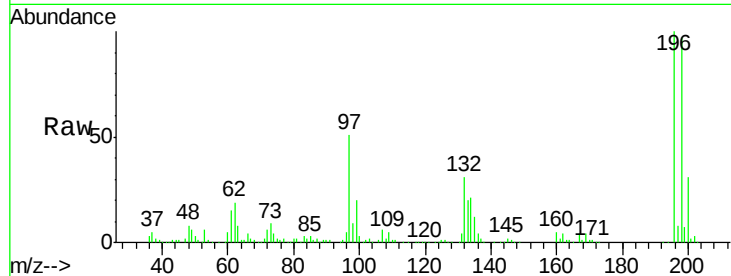
#43
 2,4,5-Trichlorophenol
 Concen: 44.69 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	279118		
198	97.2	75.7	113.5	
97	50.7	47.7	71.5	
132	31.1	28.0	42.0	

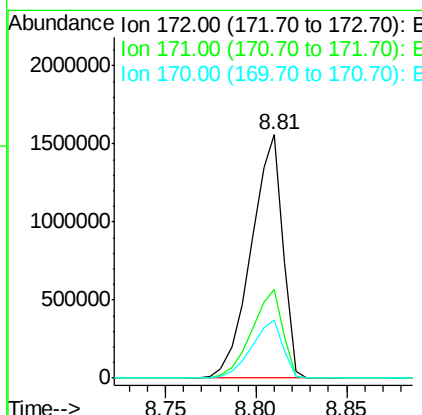
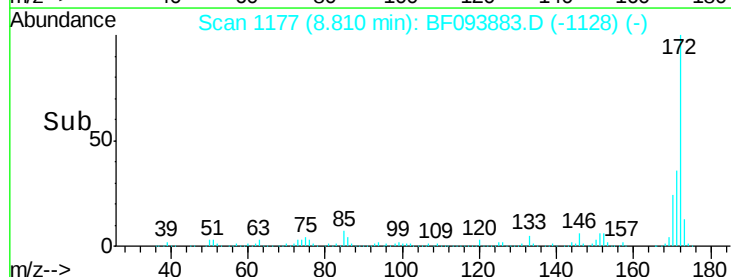
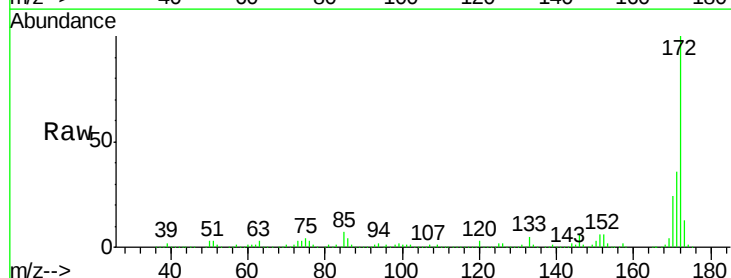
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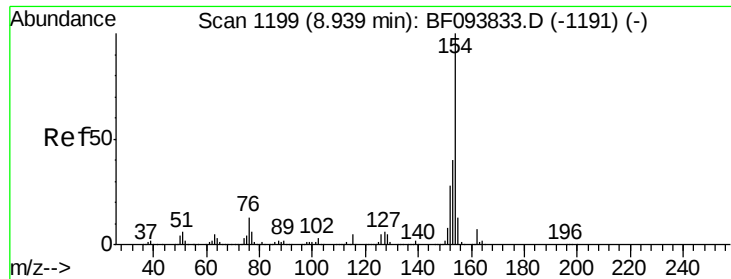
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 95.91 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1875518		
171	36.5	29.6	44.4	
170	23.9	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 45.11 ng

RT: 8.93 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

Tgt Ion:154 Resp: 1085202

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

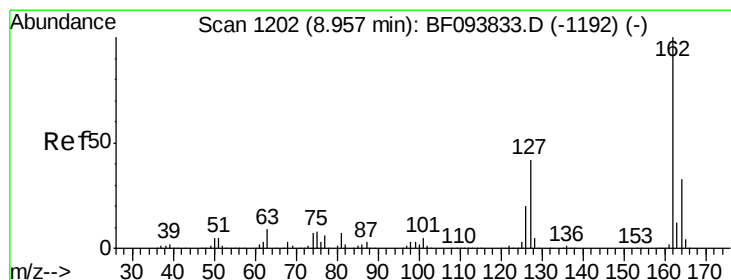
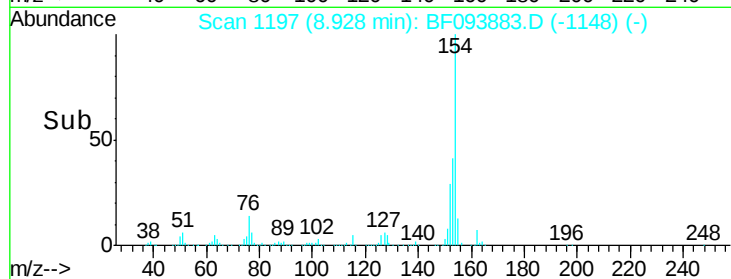
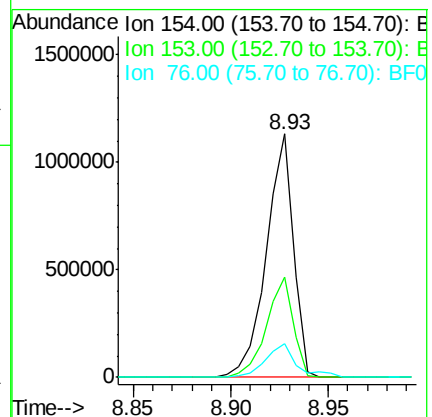
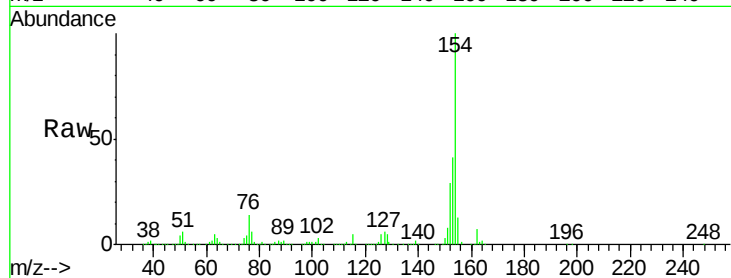
76 13.6 0.0 29.9

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3/24/2017 4:10:46 PM



#46

2-Chloronaphthalene

Concen: 45.81 ng

RT: 8.95 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

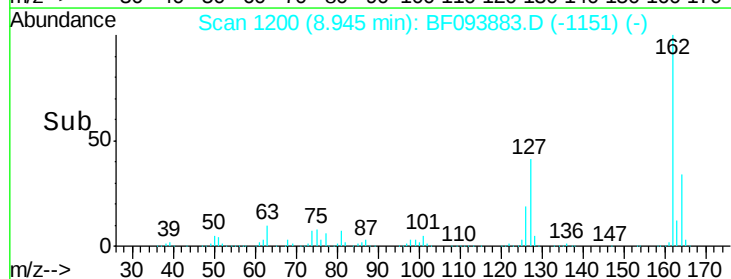
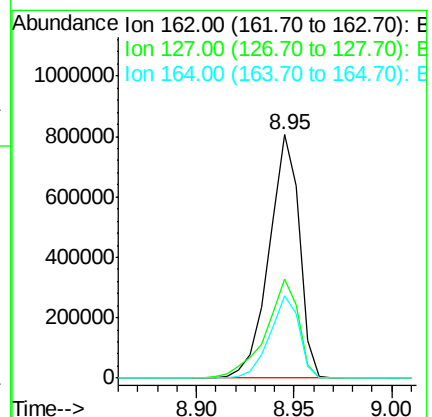
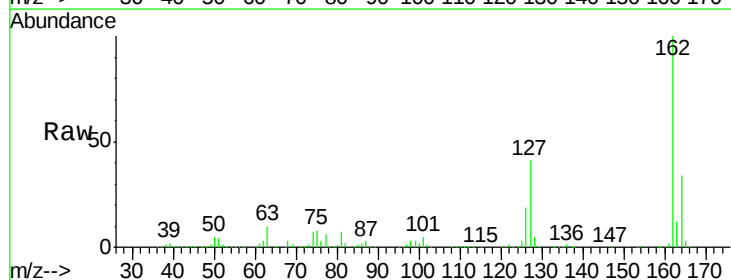
Tgt Ion:162 Resp: 862721

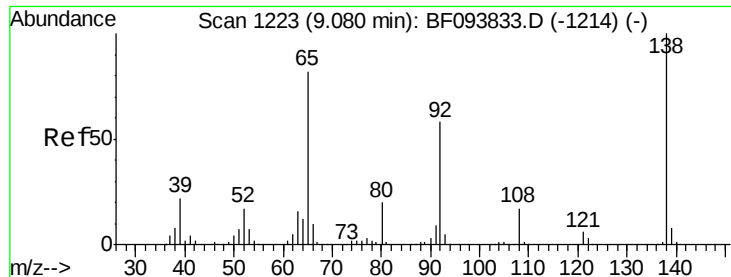
Ion Ratio Lower Upper

162 100

127 40.8 28.3 42.5

164 33.7 27.0 40.4





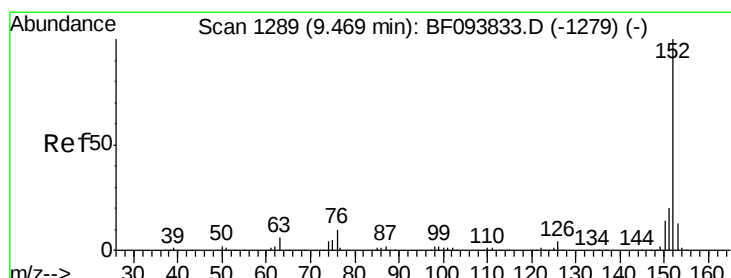
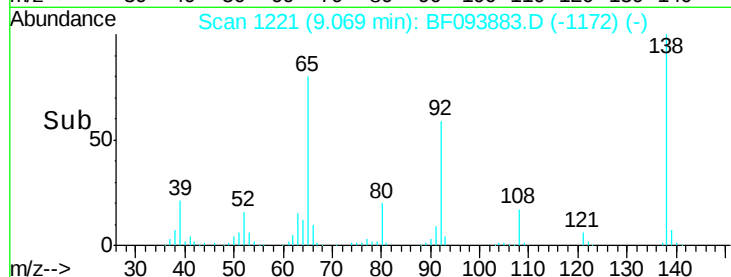
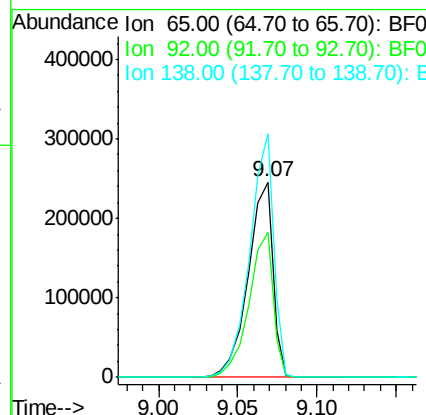
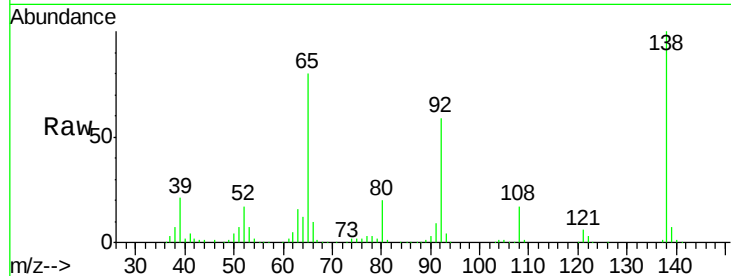
#47
2-Nitroaniline
Concen: 47.61 ng
RT: 9.07 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.9	80.9
138	124.7	78.8	118.2

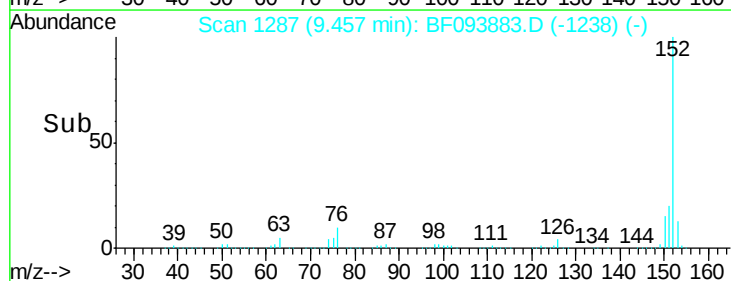
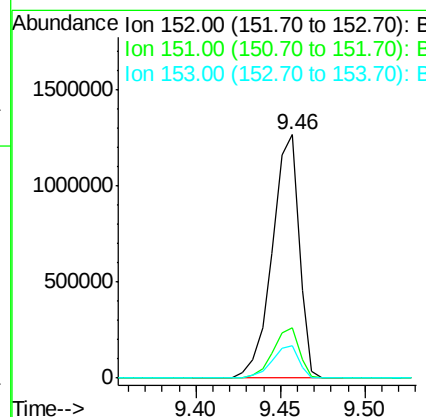
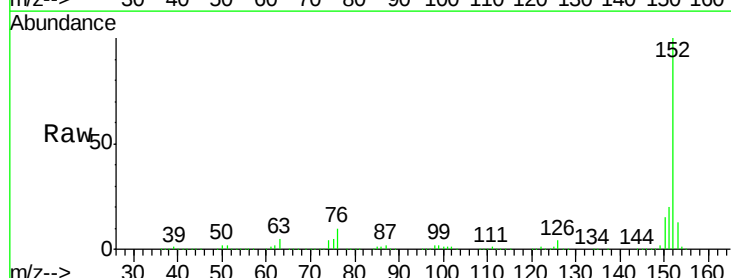
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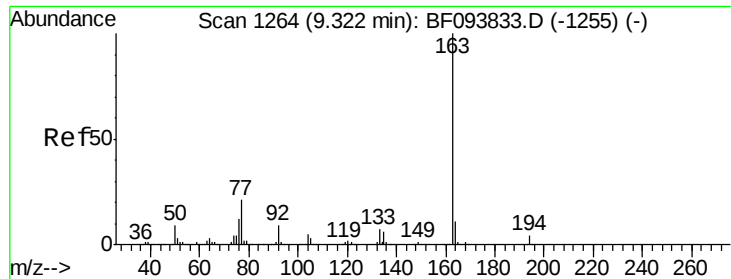
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#48
Acenaphthylene
Concen: 44.72 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.1	10.8	16.2





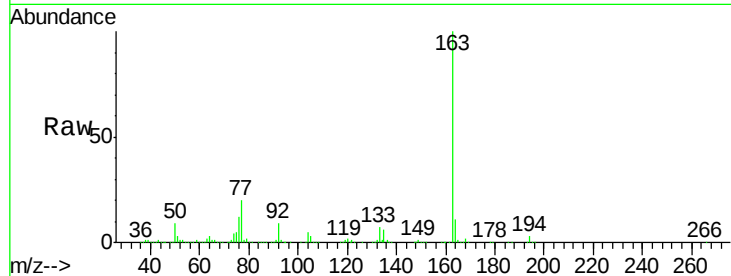
#49
Dimethylphthalate
Concen: 49.14 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

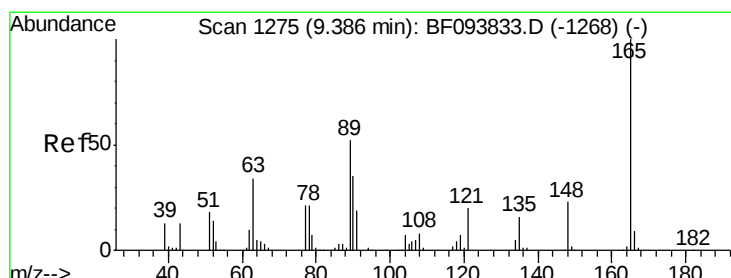
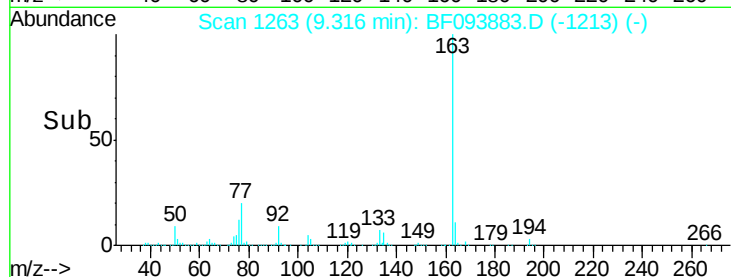
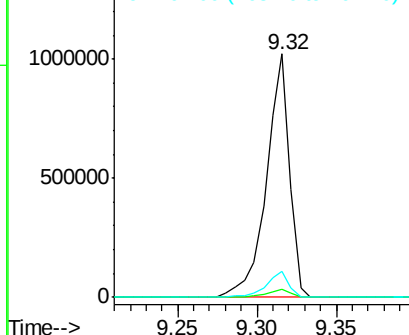
Tgt Ion:163 Resp: 1041743
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6

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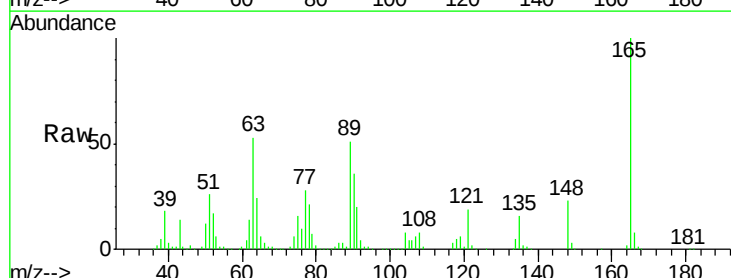


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

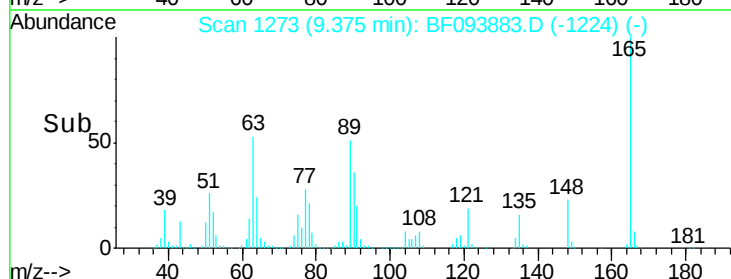
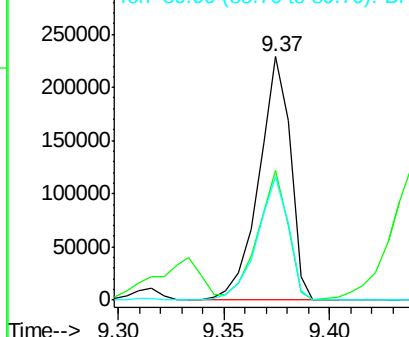


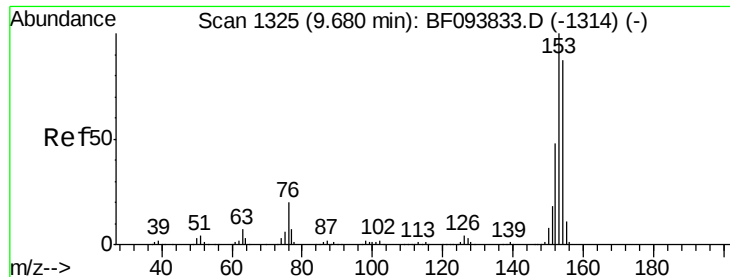
#50
2,6-Dinitrotoluene
Concen: 48.98 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:165 Resp: 238036
Ion Ratio Lower Upper
165 100
63 53.2 34.3 51.5#
89 50.6 37.1 55.7



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





#51

Acenaphthene

Concen: 45.41 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

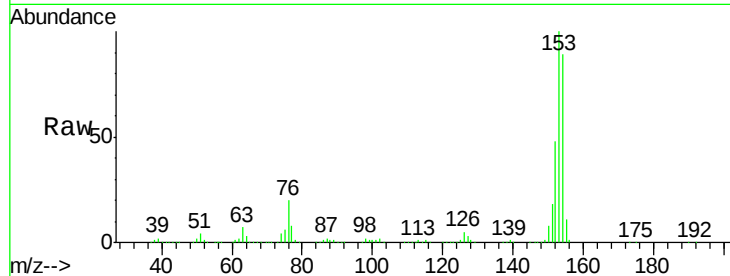
ClientSampleId :

S8-0666MSD

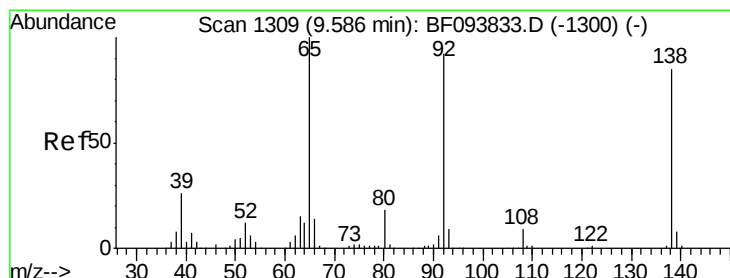
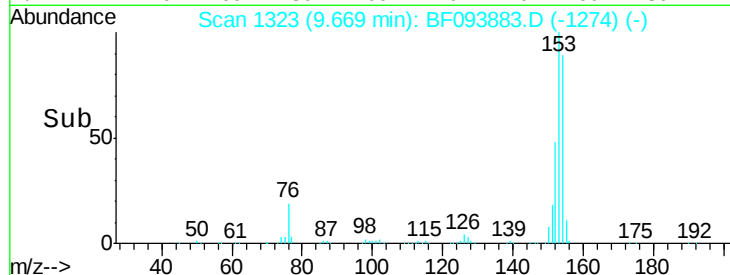
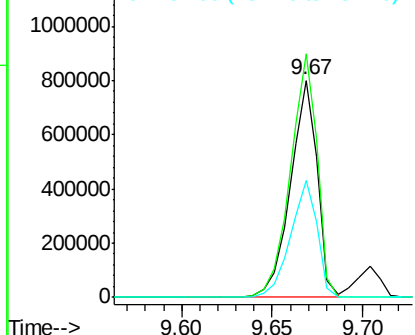
Tgt Ion:	154	Resp:	829375
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.5	135.7
152	54.1	43.6	65.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.84 ng

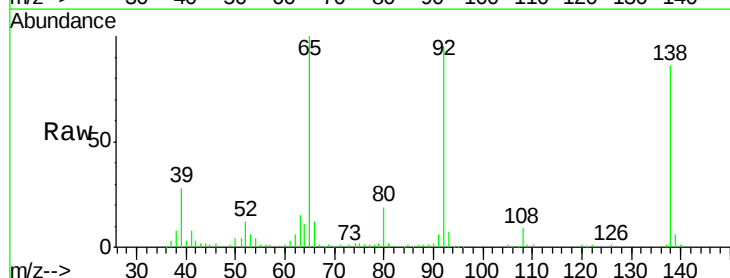
RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

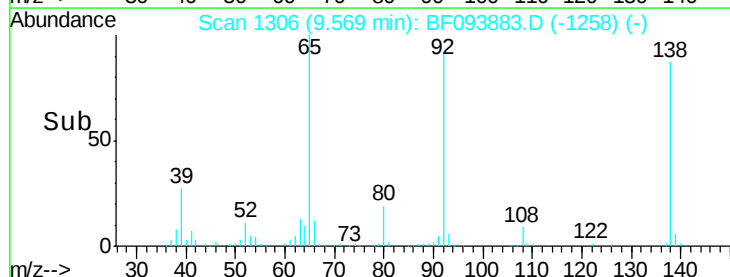
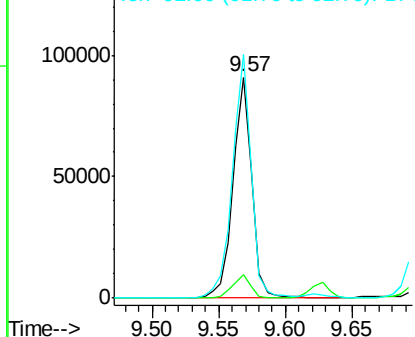
Lab File: BF093883.D

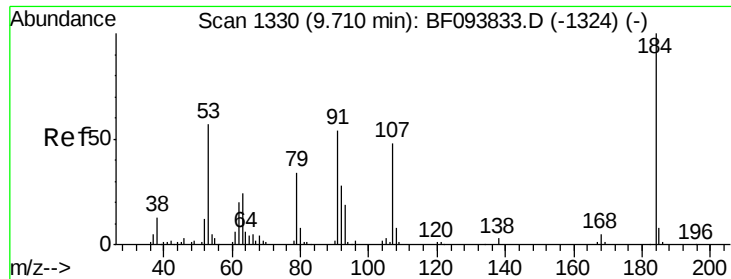
Acq: 23 Mar 2017 17:15

Tgt Ion:	138	Resp:	90408
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	110.4	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





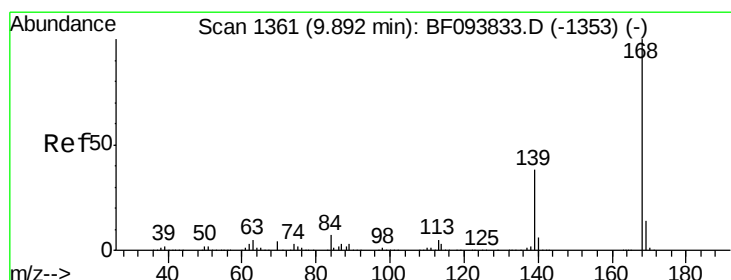
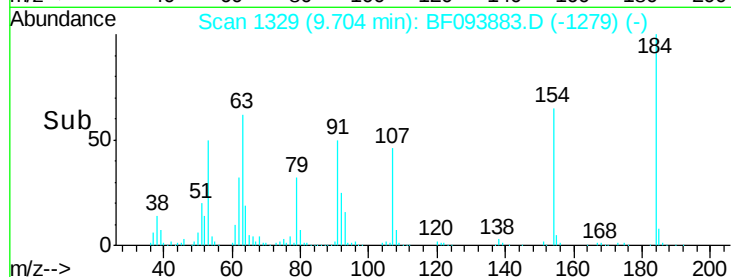
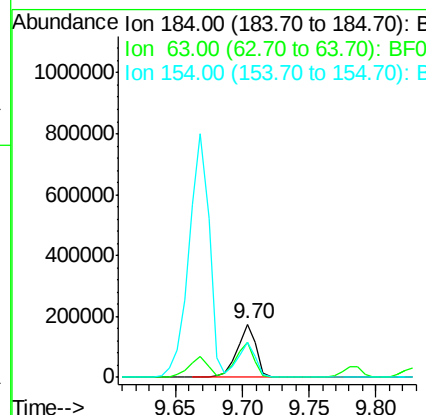
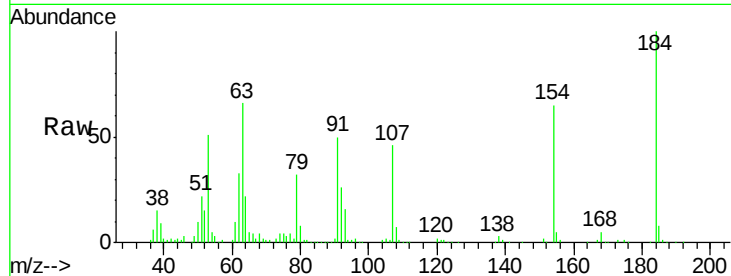
#53
2,4-Dinitrophenol
Concen: 67.63 ng
RT: 9.70 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	173901		
63	66.1	62.7	94.1	
154	65.2	81.1	121.7	

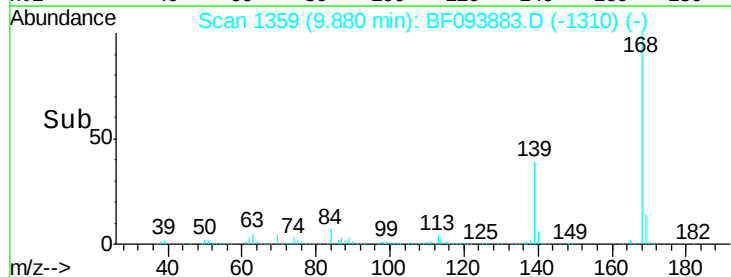
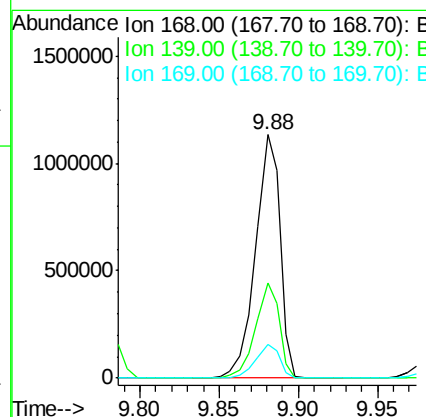
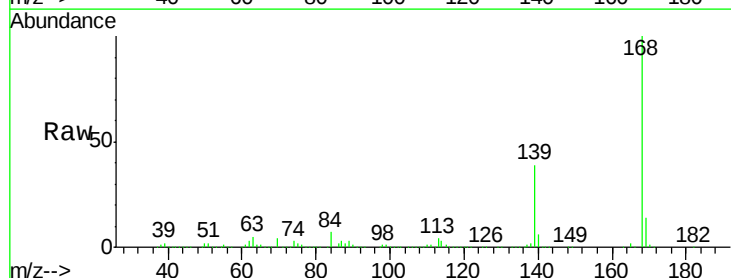
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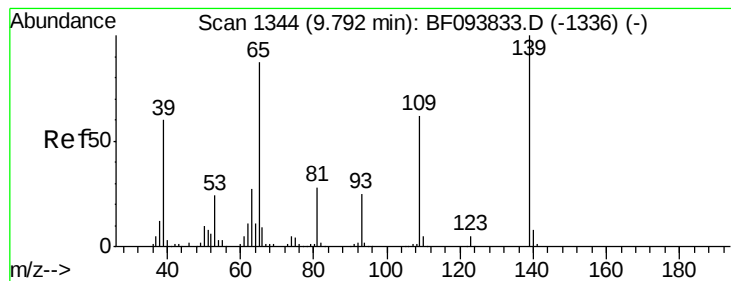
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#54
Dibenzofuran
Concen: 49.04 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1219124		
139	39.3	30.6	45.8	
169	13.8	10.8	16.2	





#55

4-Nitrophenol

Concen: 33.89 ng

RT: 9.79 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

S8-0666MSD

Tgt Ion:139 Resp: 151459

Ion Ratio Lower Upper

139 100

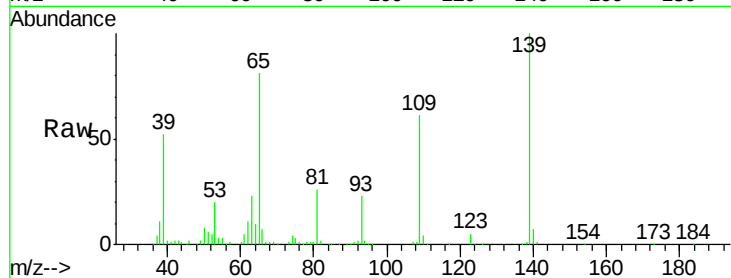
109 61.5 34.1 74.1

65 81.0 31.4 71.4#

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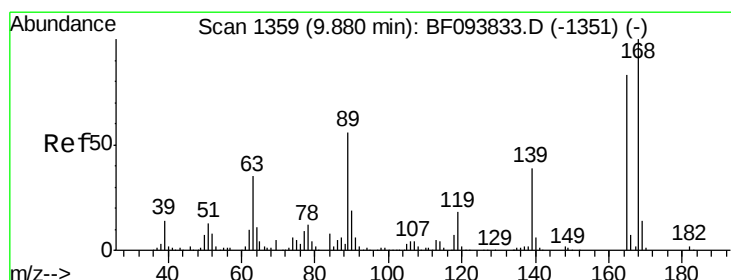
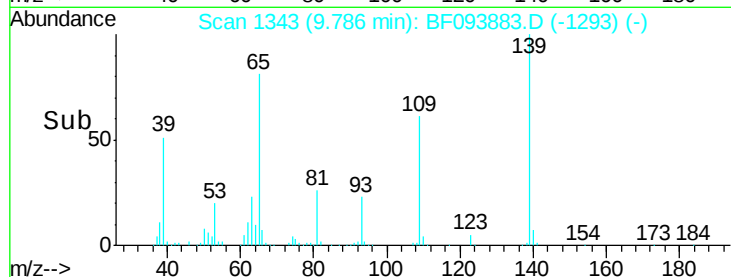
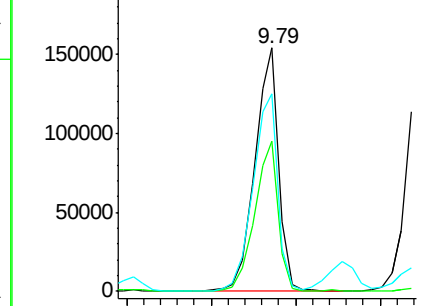
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.91 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:165 Resp: 304711

Ion Ratio Lower Upper

165 100

63 46.9 25.4 38.0#

89 71.8 46.4 69.6#

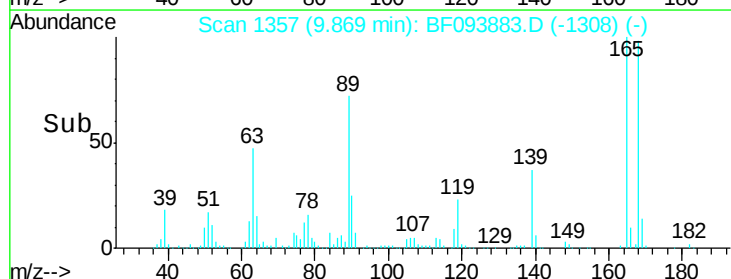
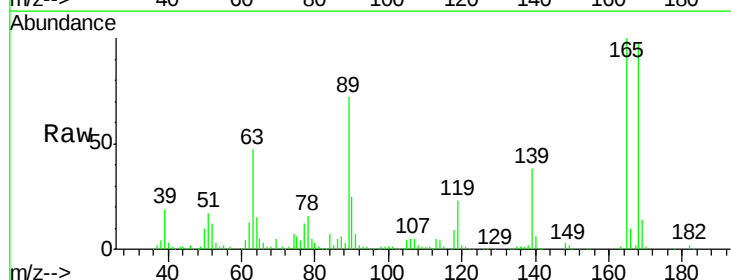
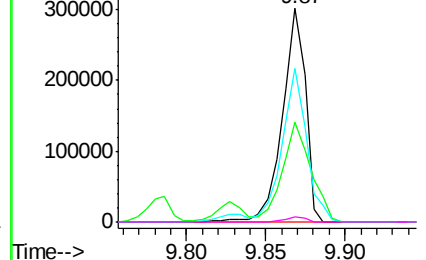
182 2.5 1.8 2.6

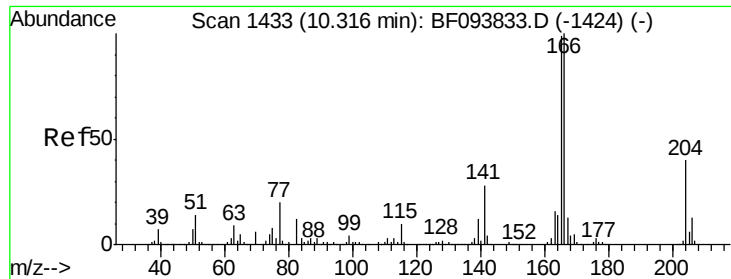
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





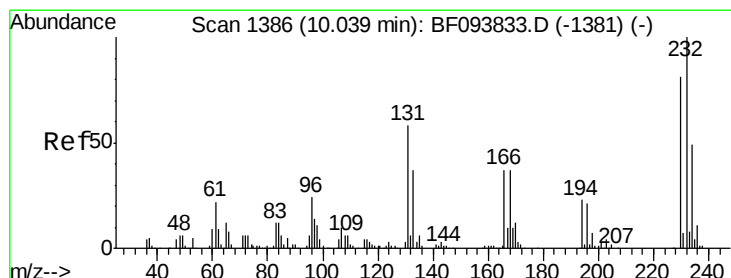
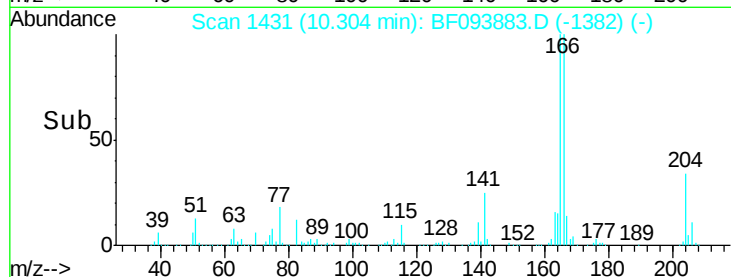
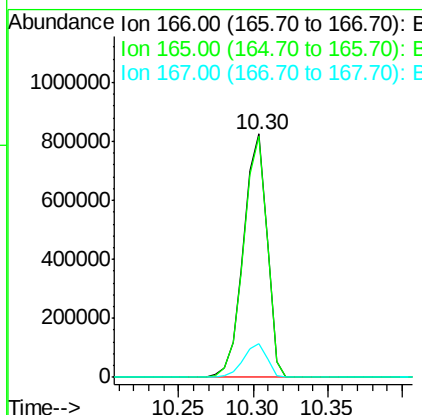
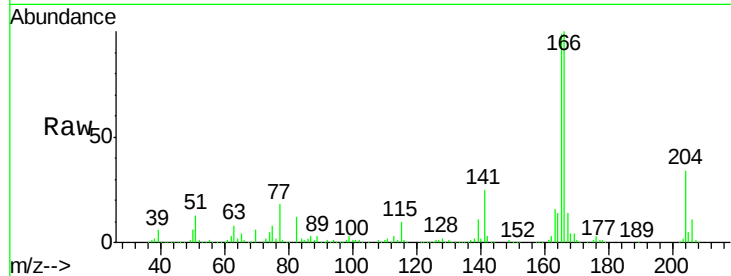
#57
Fluorene
 Concen: 43.67 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	900252		
165	99.1	78.8	118.2	
167	13.9	10.6	16.0	

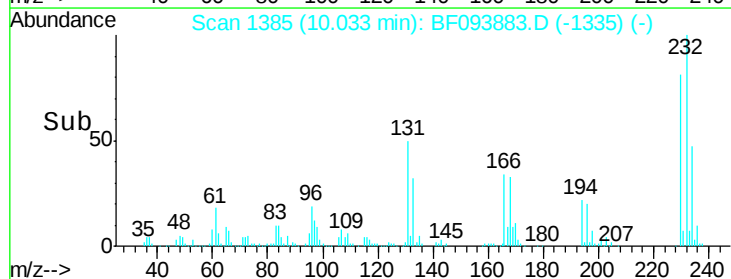
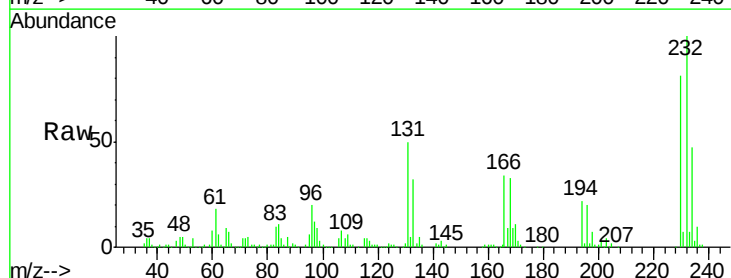
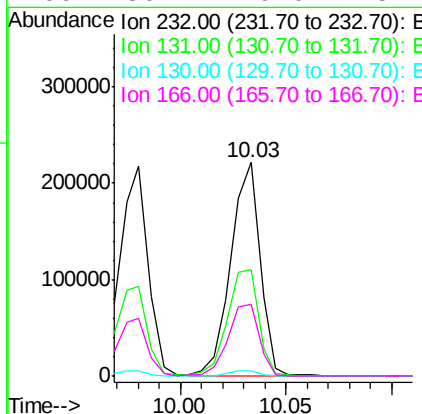
Manual Integrations
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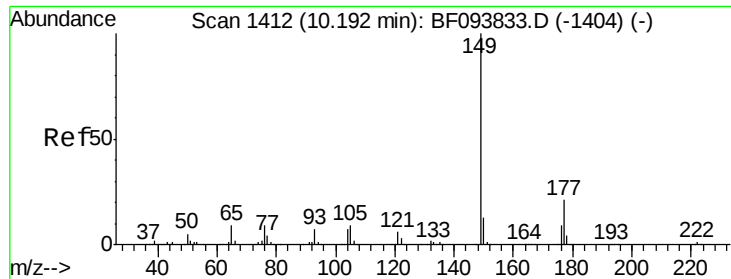
mohammad
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.37 ng
 RT: 10.03 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	211581		
131	53.6	44.8	67.2	
130	2.6	2.3	3.5	
166	36.2	29.0	43.4	





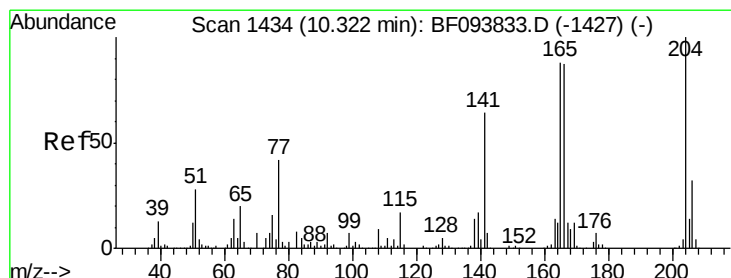
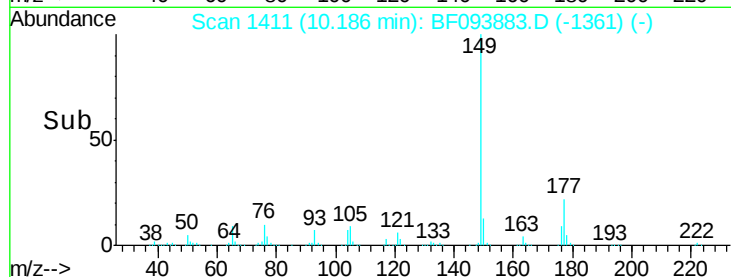
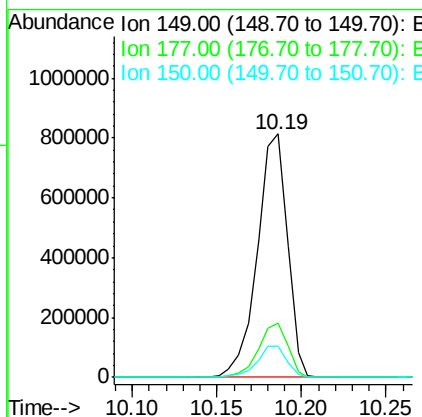
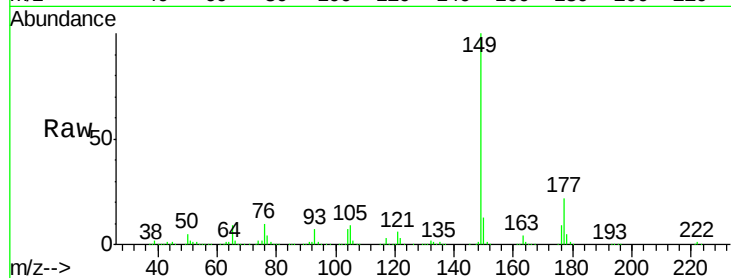
#59
Diethylphthalate
Concen: 48.18 ng
RT: 10.19 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampled :
S8-0666MSD

Tgt Ion:149 Resp: 1009550
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.7 10.2 15.2

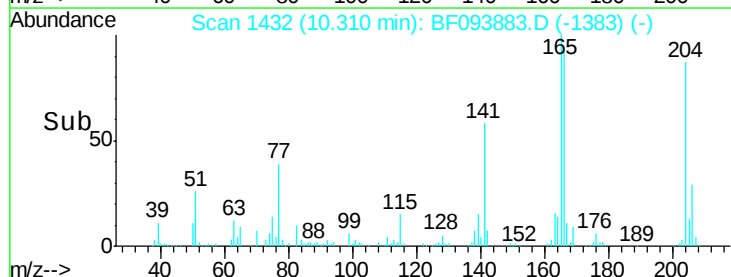
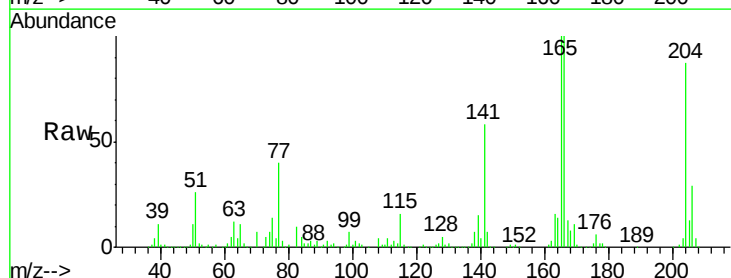
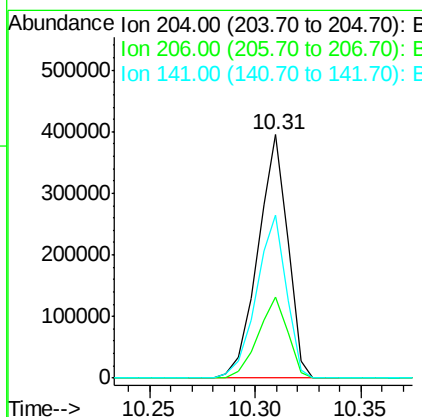
Manual Integrations
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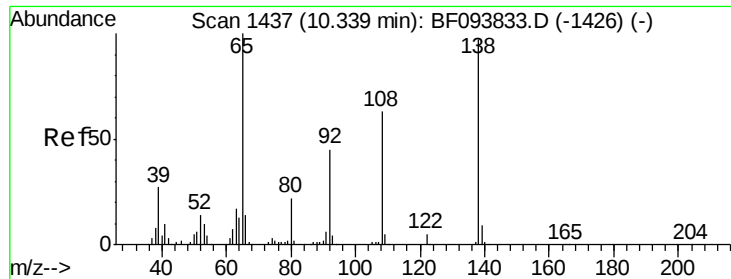
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.09 ng
RT: 10.31 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion:204 Resp: 387233
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 66.7 60.8 91.2





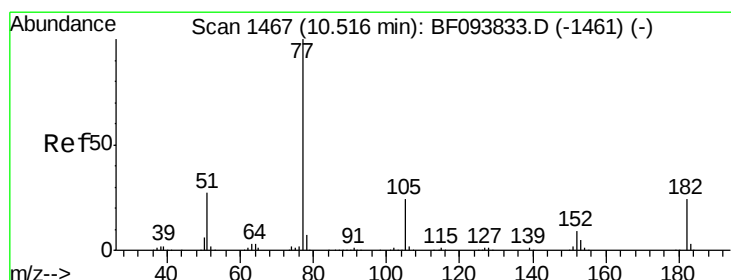
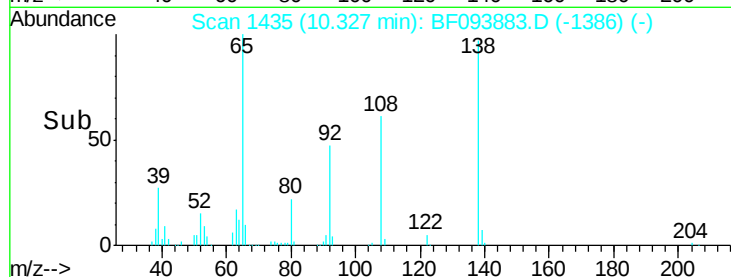
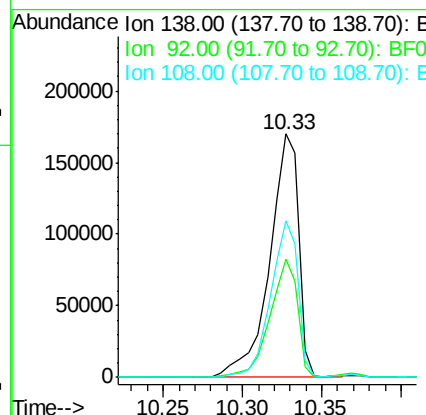
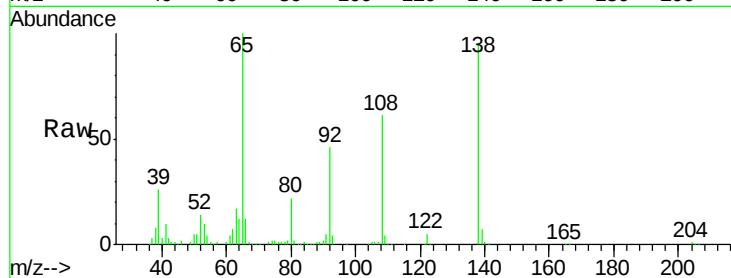
#61
4-Nitroaniline
Concen: 39.72 ng
RT: 10.33 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	217541		
92	48.4	21.8	61.8	
108	64.1	42.3	82.3	

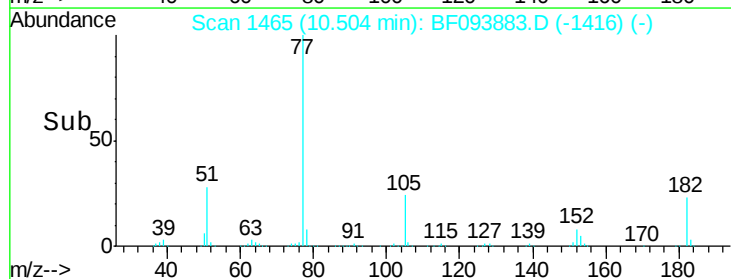
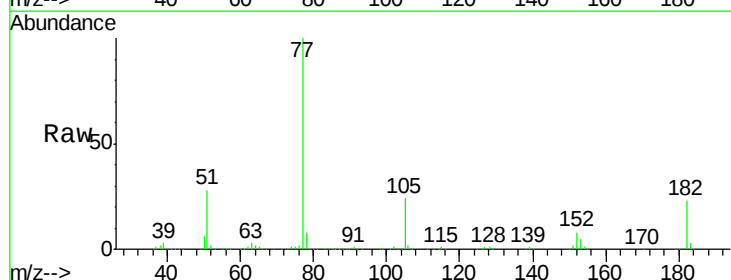
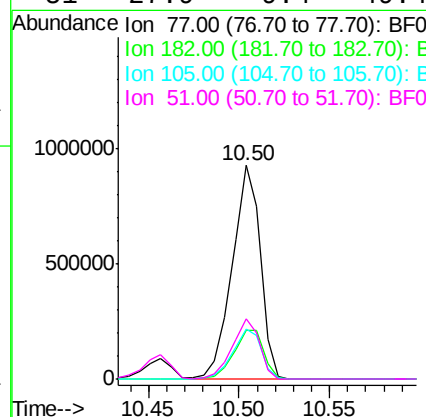
Manual Integrations
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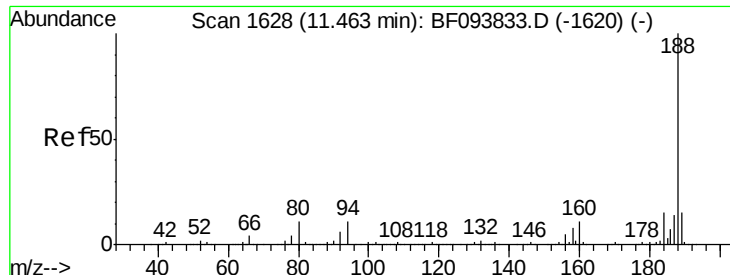
mohammad
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#62
Azobenzene
Concen: 50.27 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	996523		
182	23.0	0.1	40.1	
105	23.5	3.6	43.6	
51	27.9	9.4	49.4	





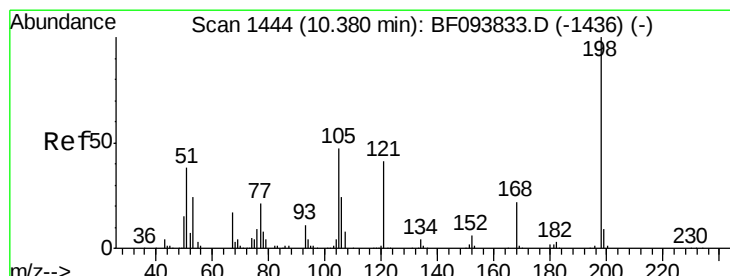
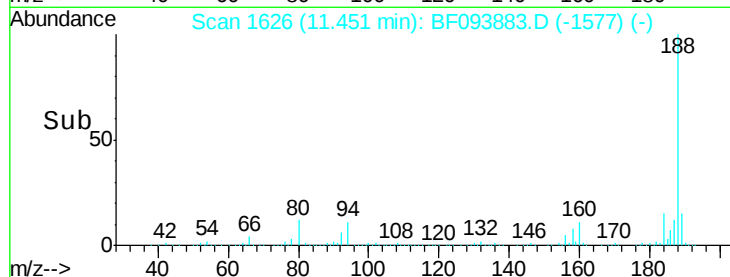
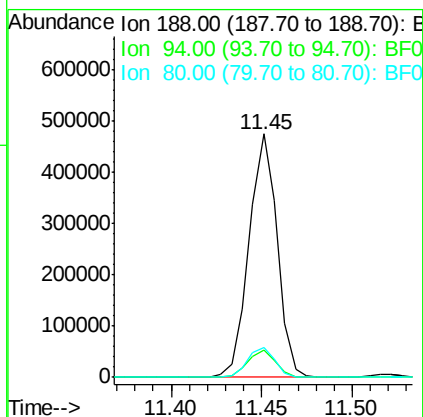
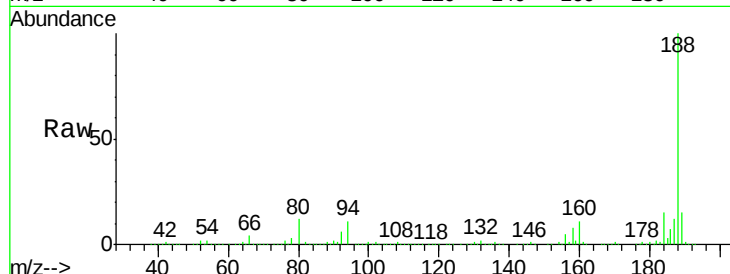
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	510671		
94	11.4		9.4	14.2
80	12.1		10.2	15.2

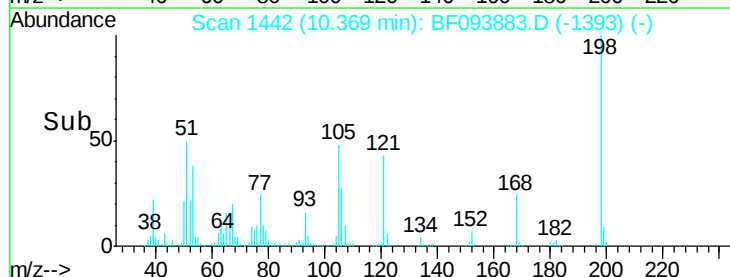
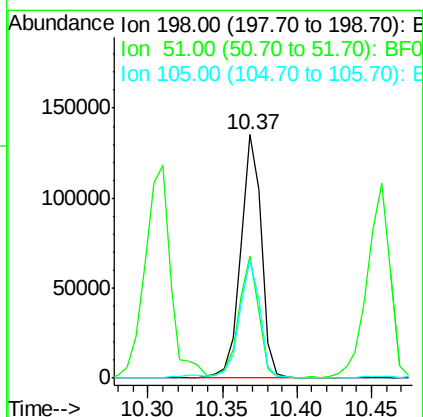
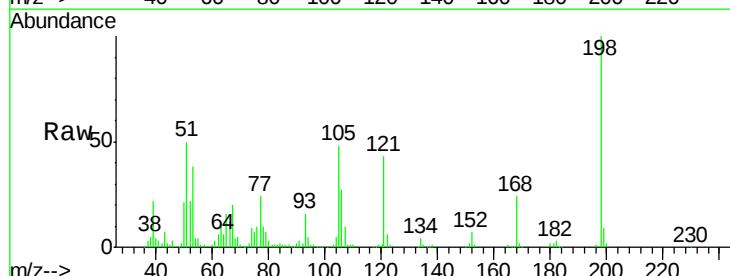
Manual Integrations
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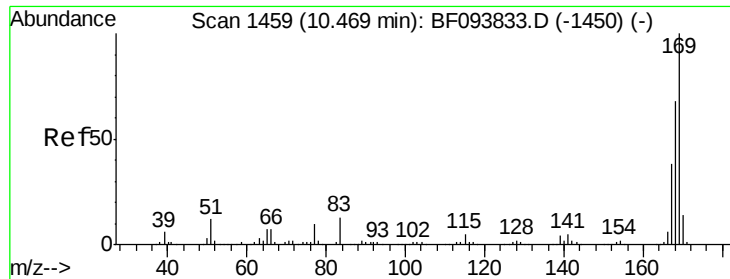
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.50 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	129794		
51	50.1		53.2	93.2#
105	48.5		45.8	85.8





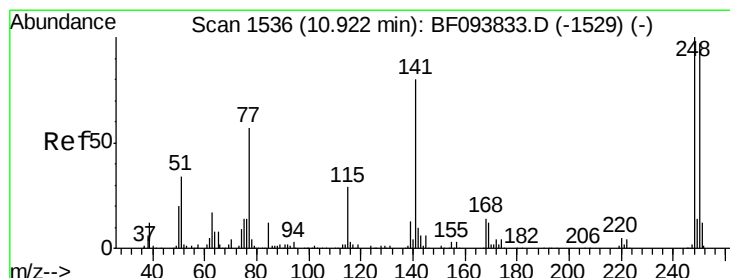
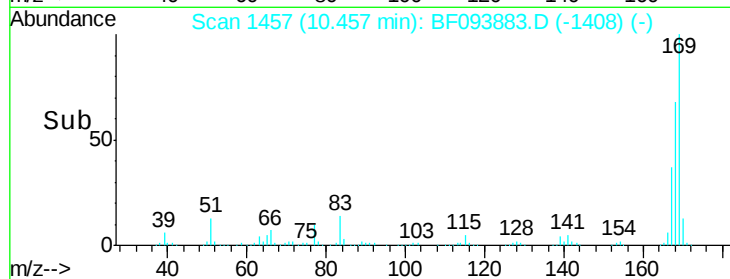
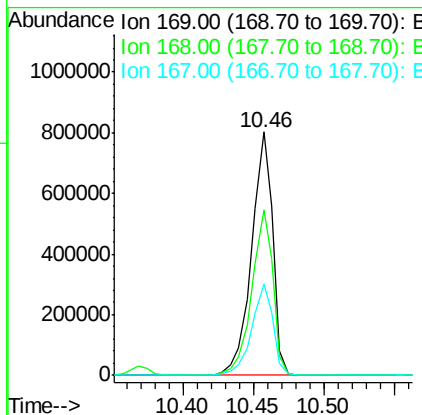
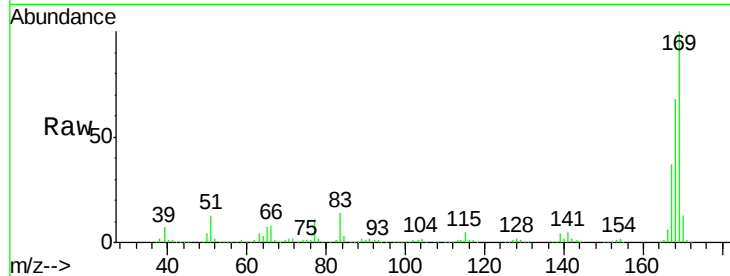
#65
 n-Nitrosodiphenylamine
 Concen: 47.78 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	843831		
168	68.2	53.2	79.8	
167	37.3	29.5	44.3	

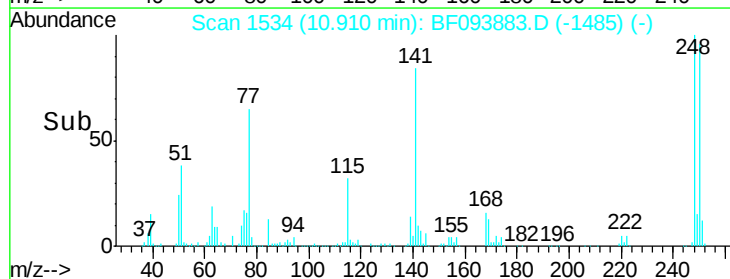
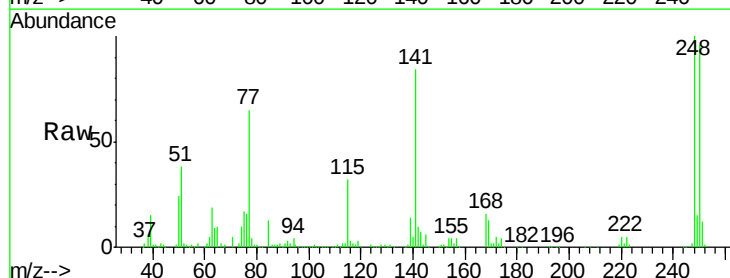
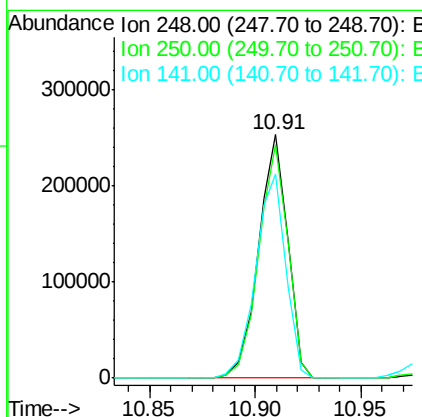
Manual Integrations
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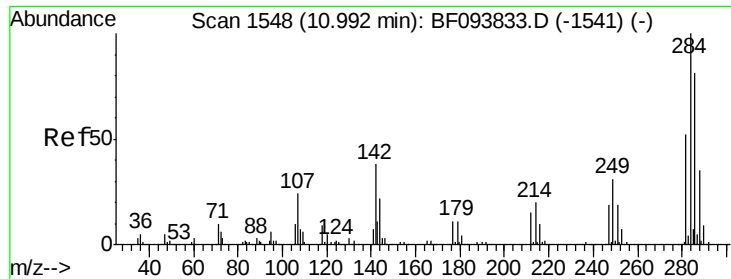
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#66
 4-Bromophenyl-phenylether
 Concen: 48.37 ng
 RT: 10.91 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242917		
250	96.0	76.8	115.2	
141	84.0	68.6	103.0	





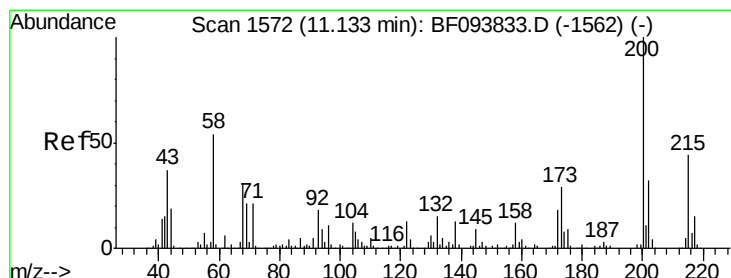
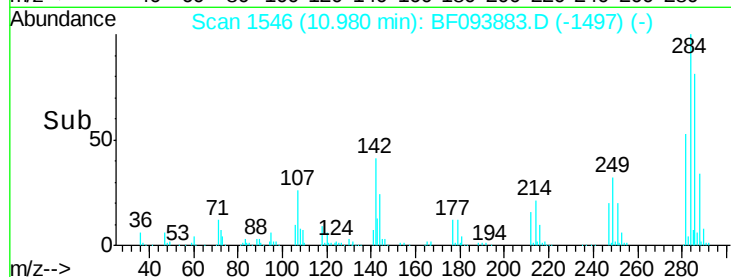
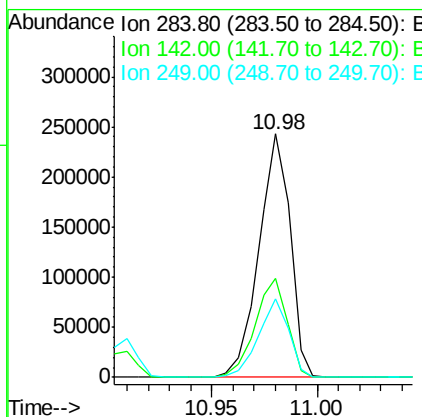
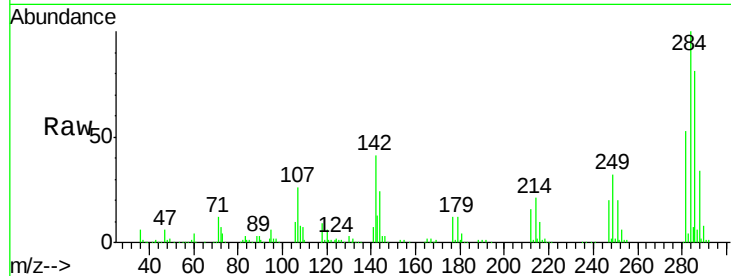
#67
Hexachlorobenzene
Concen: 49.10 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	249643		
142	40.7	22.8	34.2#	
249	32.1	24.0	36.0	

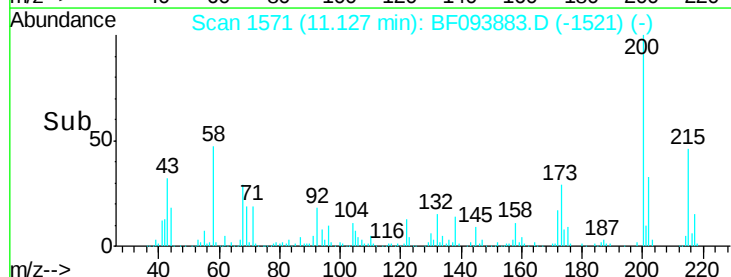
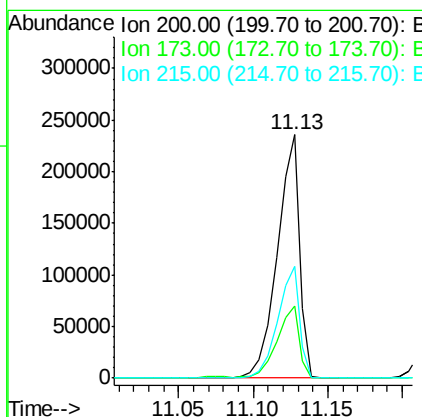
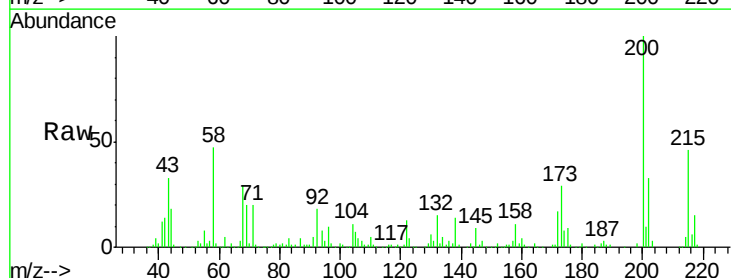
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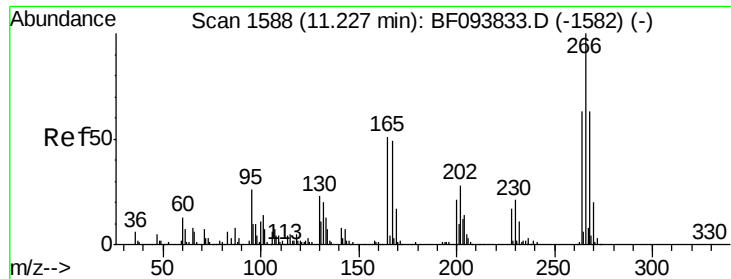
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#68
Atrazine
Concen: 46.45 ng
RT: 11.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	245677		
173	29.4	6.3	46.3	
215	45.9	27.2	67.2	





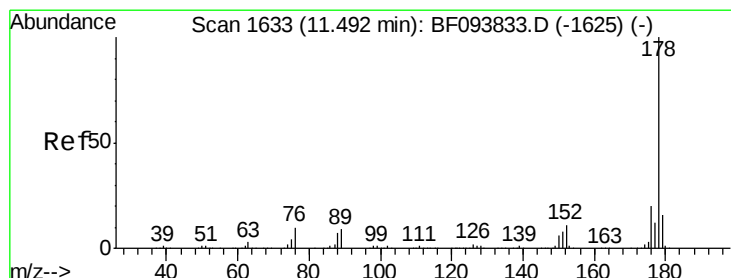
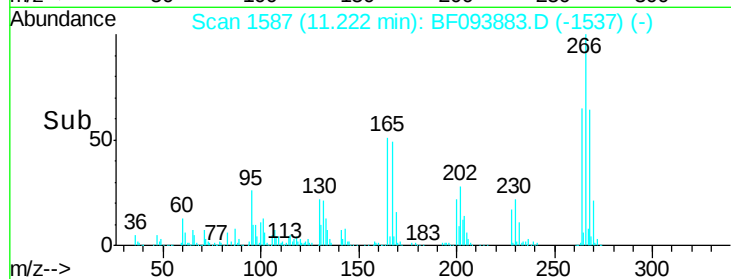
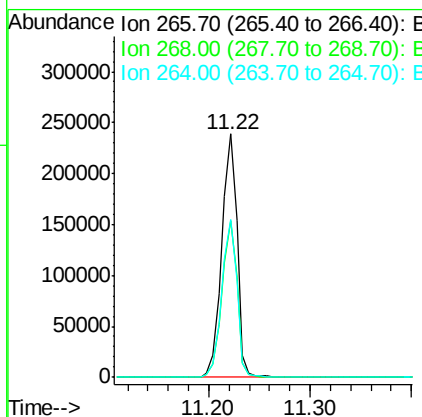
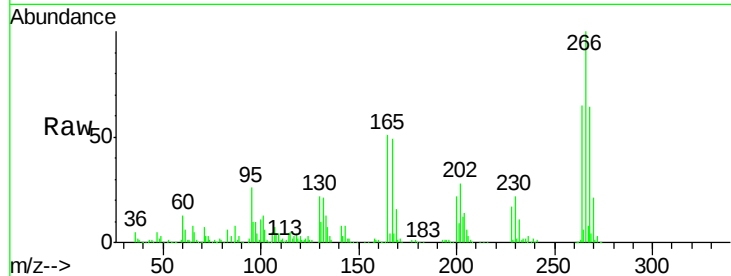
#69
 Pentachlorophenol
 Concen: 79.89 ng
 RT: 11.22 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	64.7	51.7	77.5

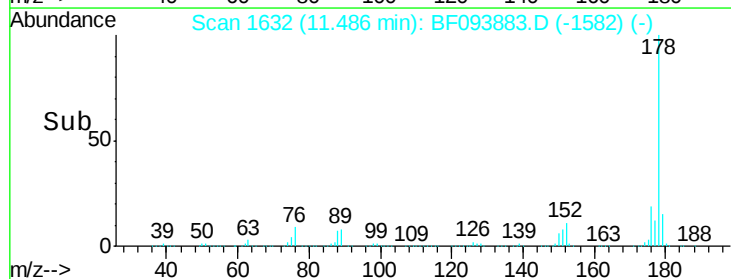
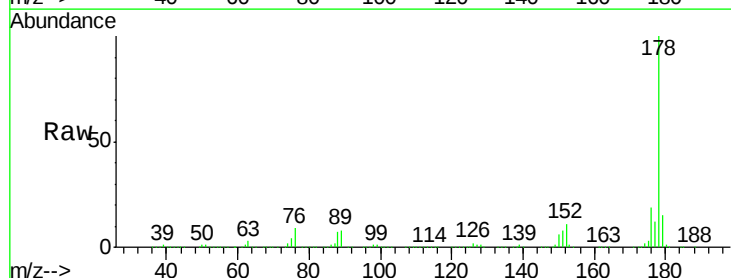
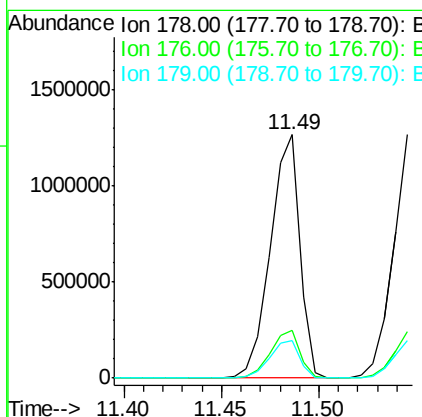
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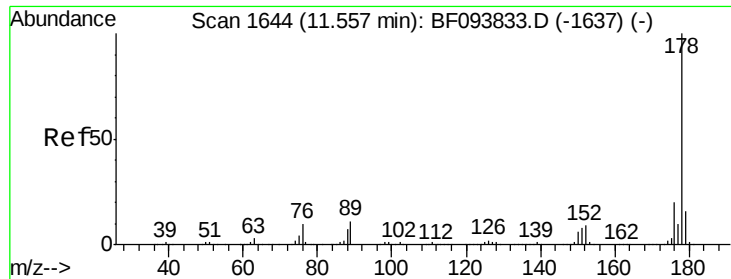
mohammad
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#70
 Phenanthrene
 Concen: 46.47 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.2	12.6	19.0





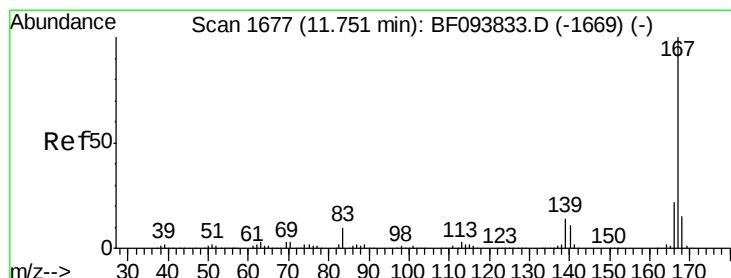
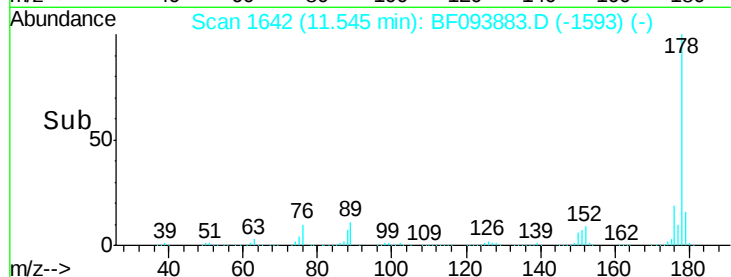
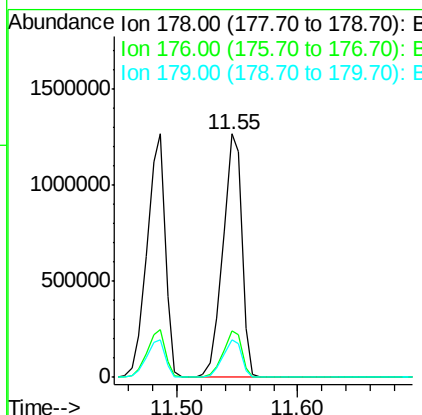
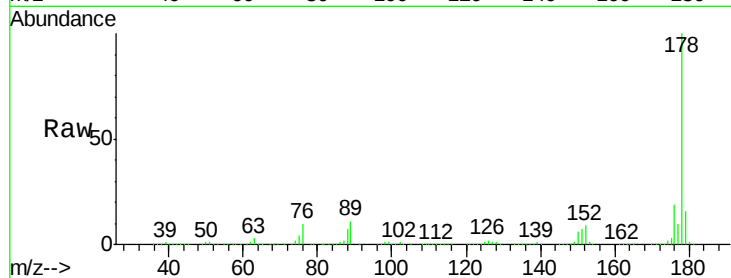
#71
 Anthracene
 Concen: 46.73 ng
 RT: 11.55 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion:178 Resp: 1366792
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.6 12.7 19.1

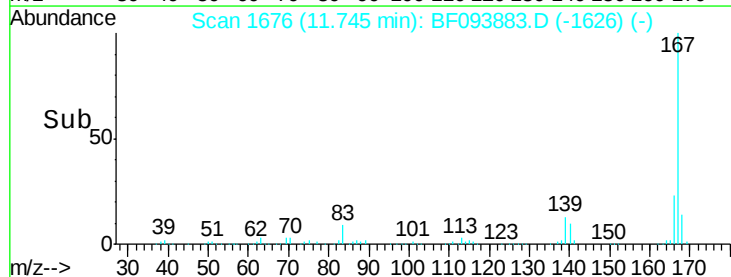
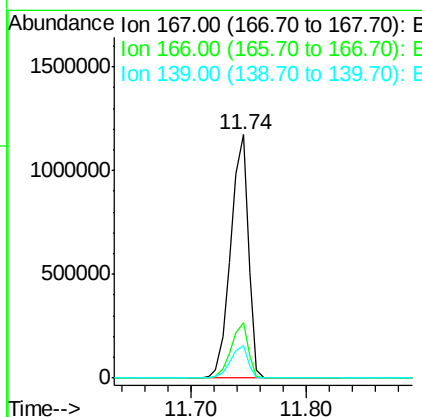
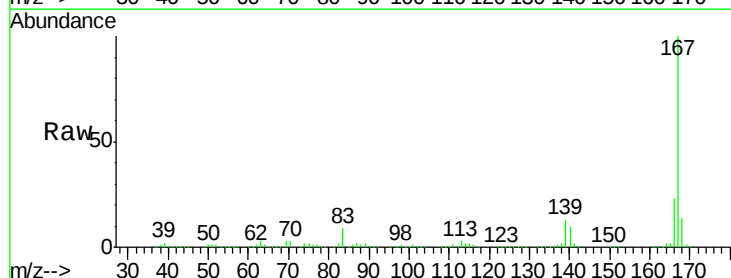
Manual Integrations
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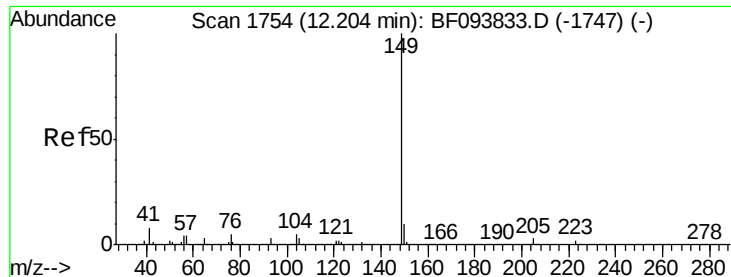
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#72
 Carbazole
 Concen: 41.56 ng
 RT: 11.74 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:167 Resp: 1246561
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.15 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

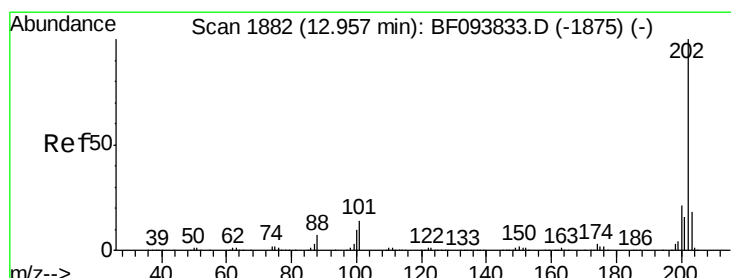
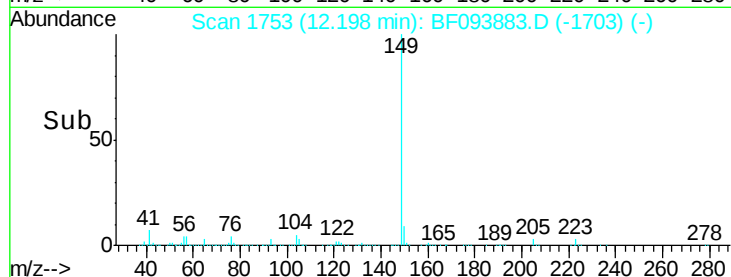
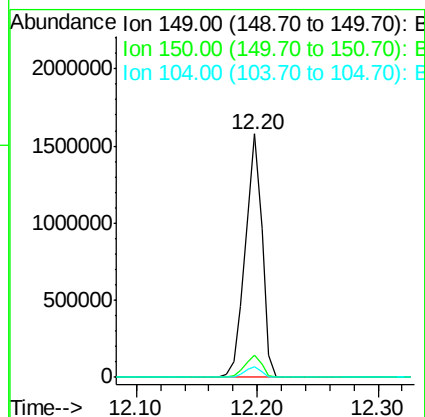
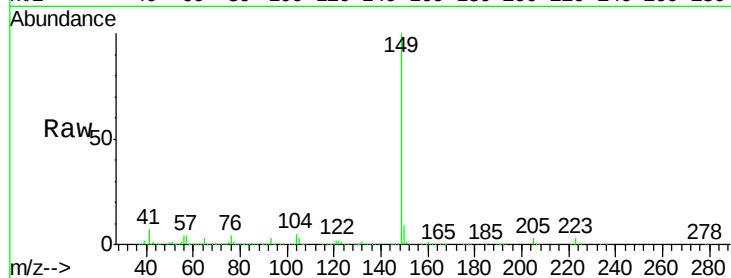
S8-0666MSD

Tgt Ion:149 Resp: 1532925

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.6	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 44.13 ng

RT: 12.94 min Scan# 1880

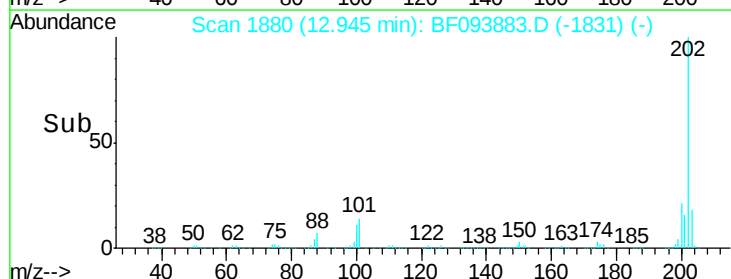
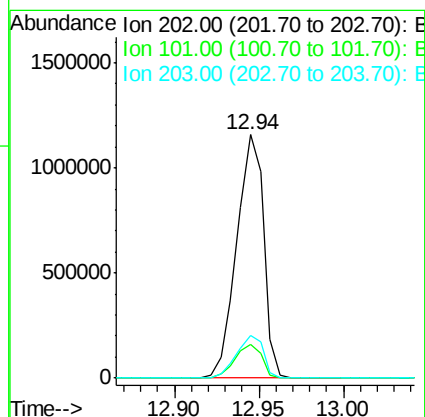
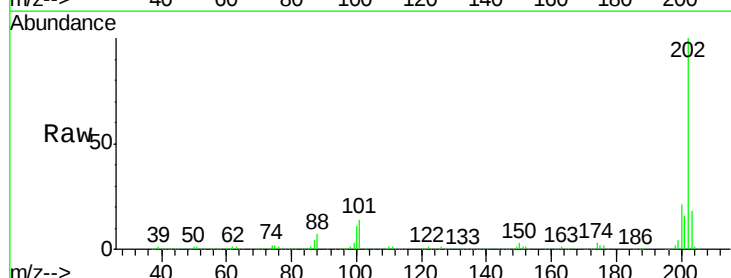
Delta R.T. -0.01 min

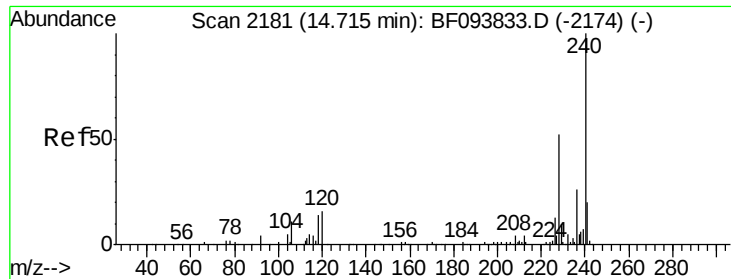
Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:202 Resp: 1283629

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

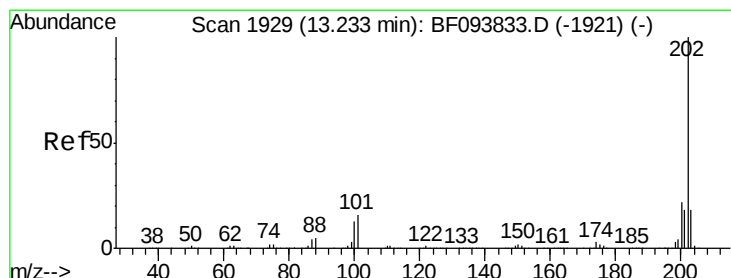
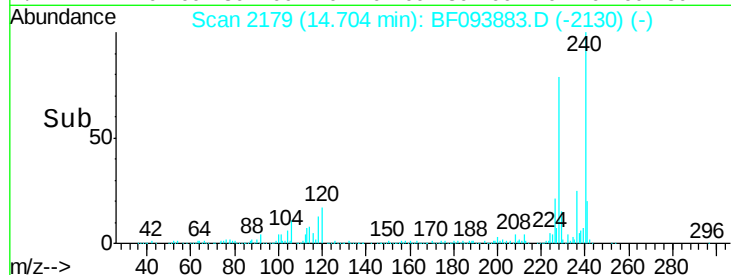
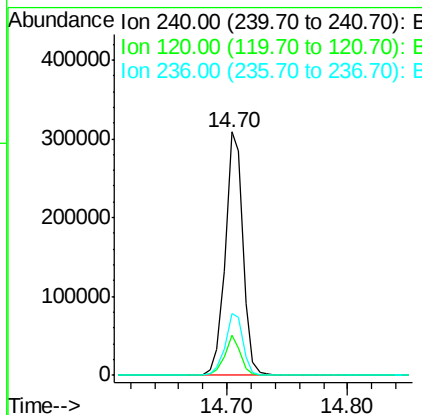
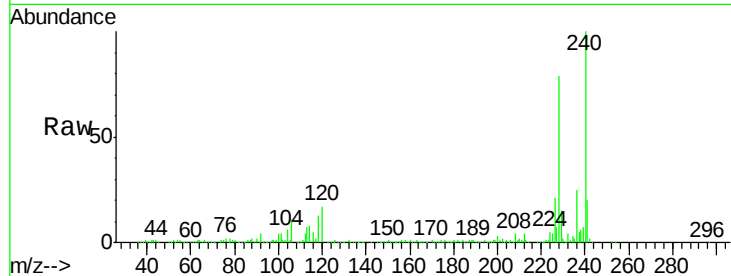
ClientSampleId :

S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.7	5.8	8.8#
236	25.3	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 55.92 ng

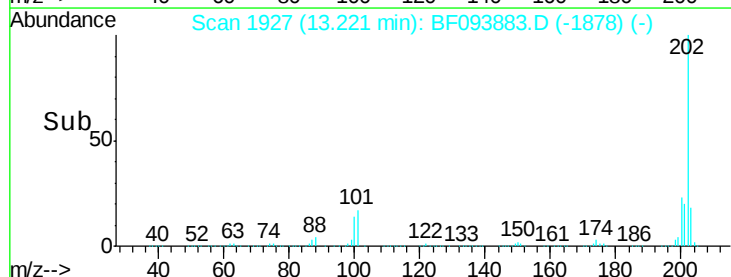
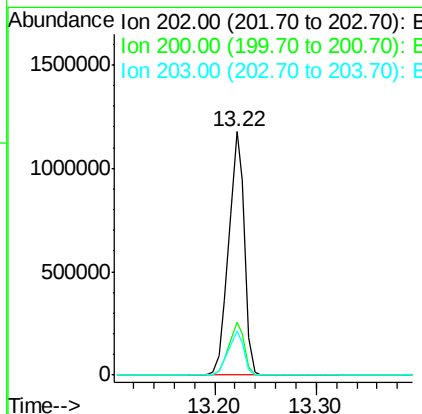
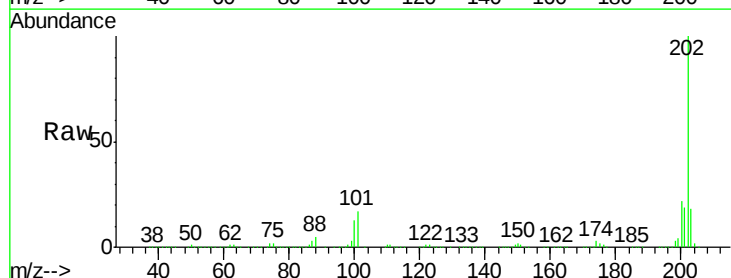
RT: 13.22 min Scan# 1927

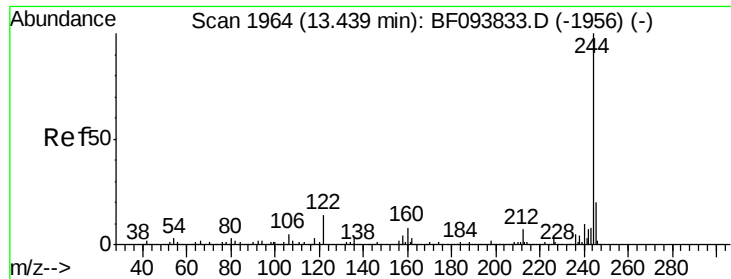
Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.9	14.4	21.6





#78

Terphenyl-d14

Concen: 104.27 ng

RT: 13.43 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

ClientSampleId :

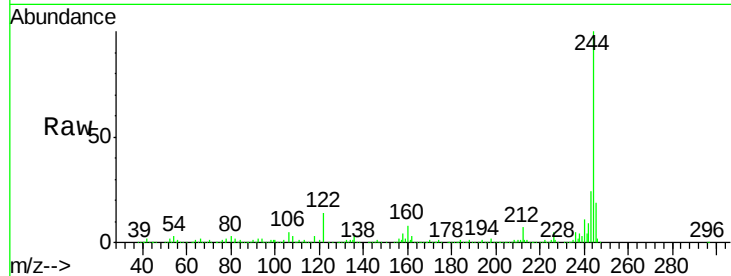
S8-0666MSD

Tgt Ion:244 Resp: 1449982

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.7	10.3	15.5

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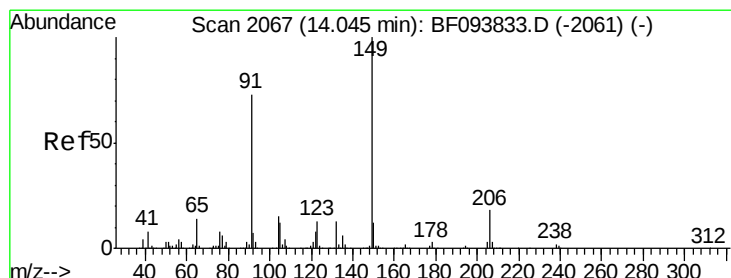
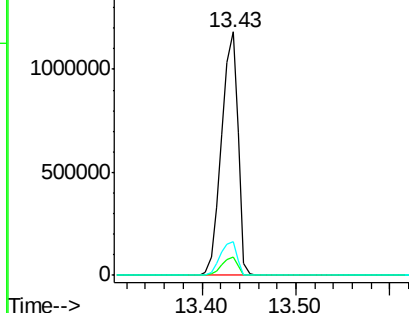
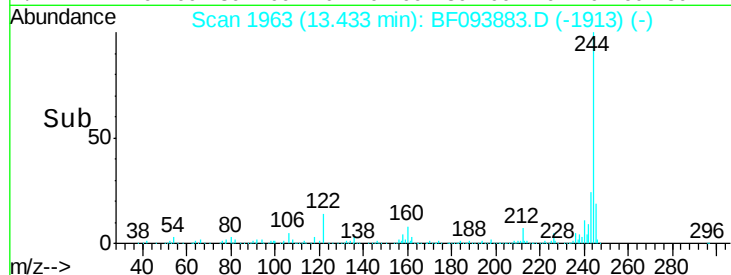
mohammad
3/24/2017 4:10:46 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 57.28 ng

RT: 14.04 min Scan# 2066

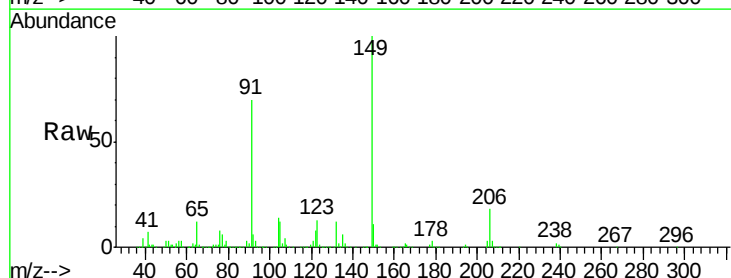
Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Tgt Ion:149 Resp: 552069

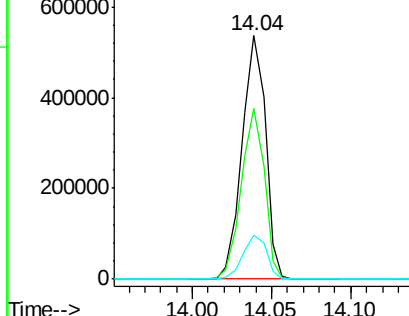
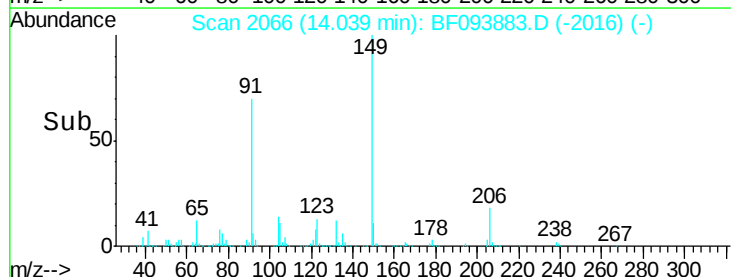
Ion	Ratio	Lower	Upper
149	100		
91	70.1	45.0	67.4#
206	18.0	17.0	25.6

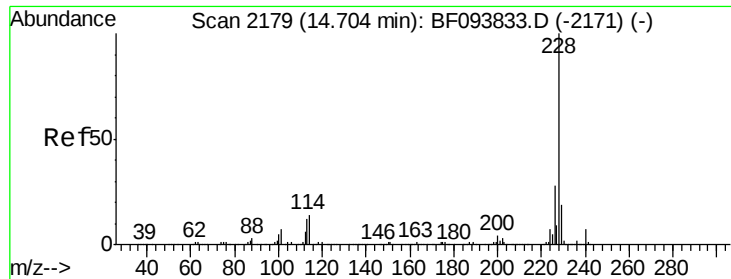


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





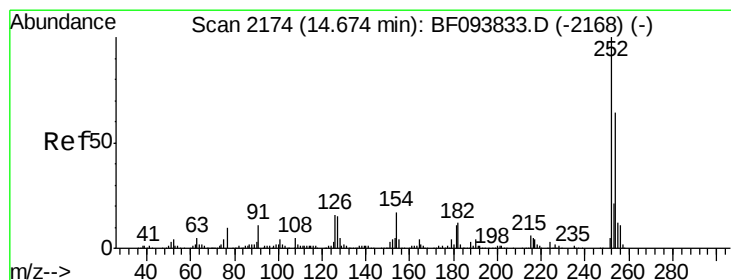
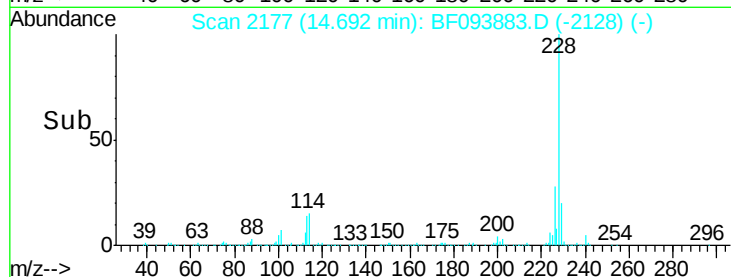
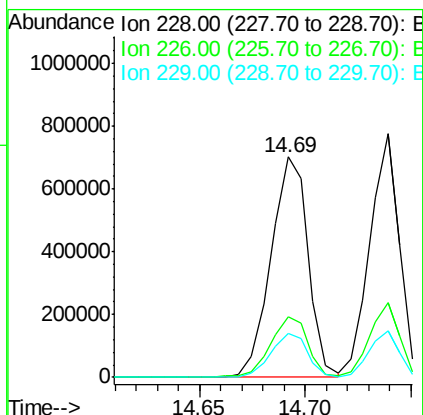
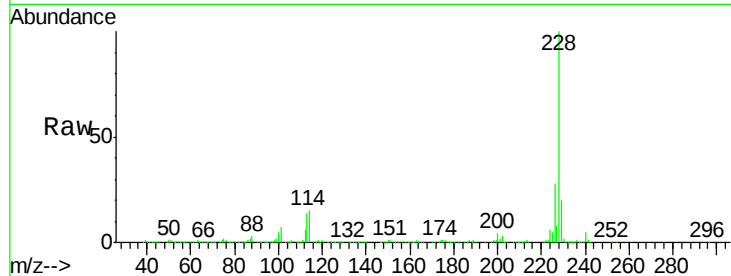
#80
Benzo(a)anthracene
Concen: 47.24 ng
RT: 14.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.1	16.3	24.5

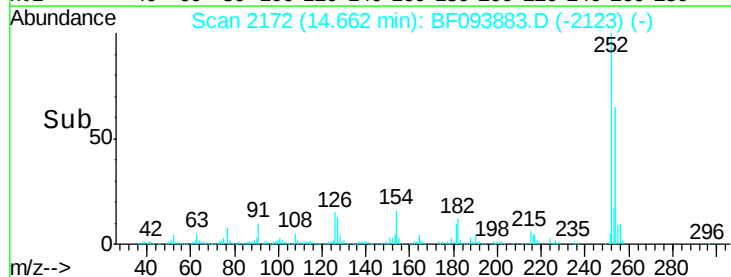
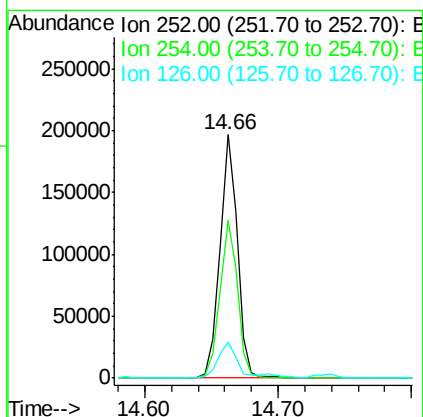
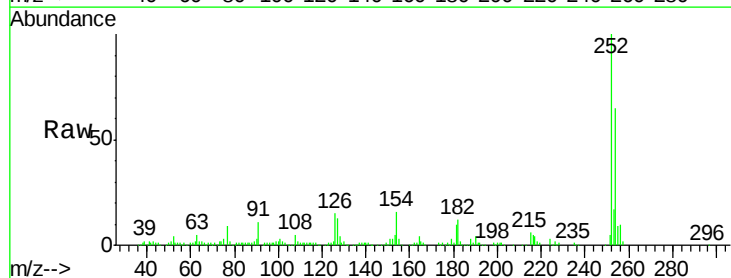
Manual Integrations
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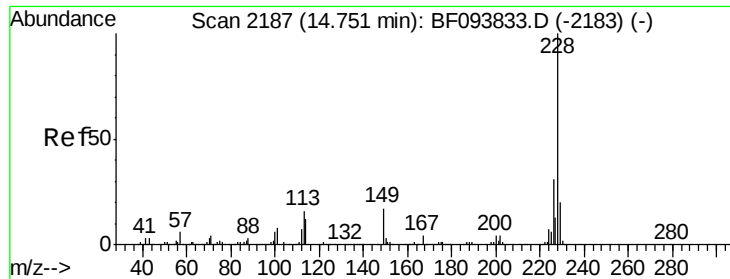
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 28.23 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.5	77.3
126	15.0	15.8	23.8#





#82

Chrysene

Concen: 45.14 ng

RT: 14.74 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF093883.D

Acq: 23 Mar 2017 17:15

Instrument :

BNA_F

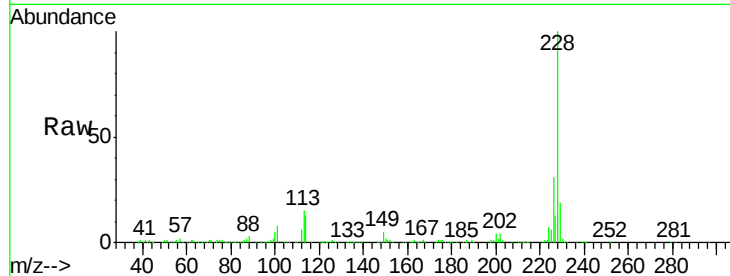
ClientSampleId :

S8-0666MSD

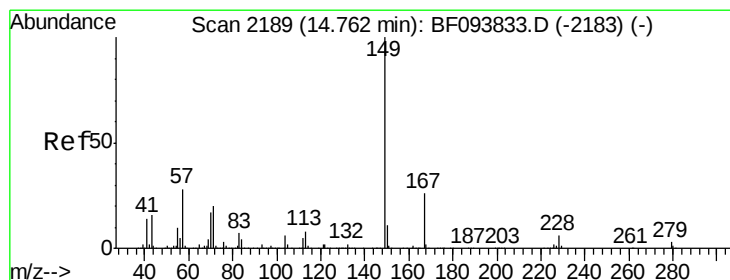
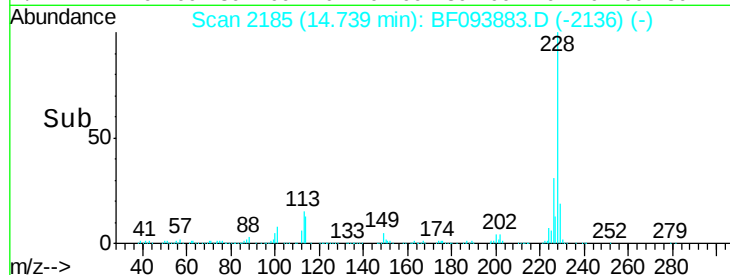
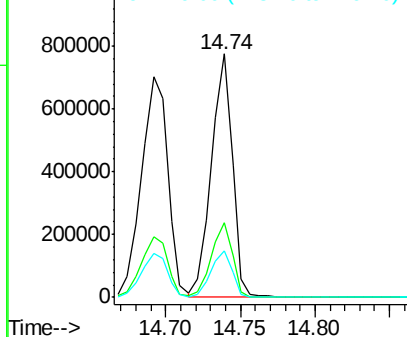
Tgt Ion:	228	Resp:	761422
Ion Ratio		Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.3	15.8	23.6

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.40 ng

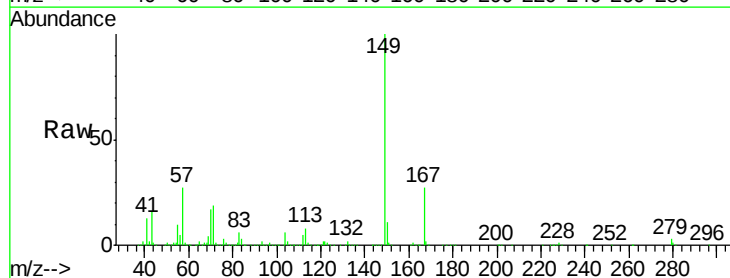
RT: 14.76 min Scan# 2188

Delta R.T. -0.01 min

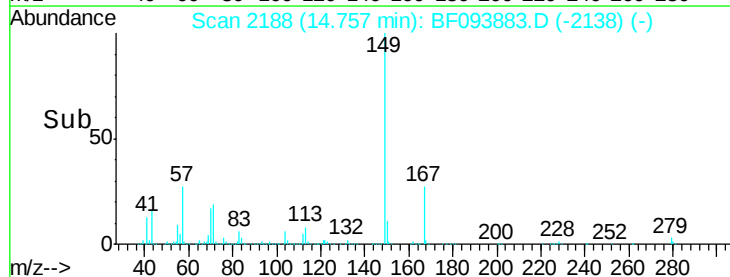
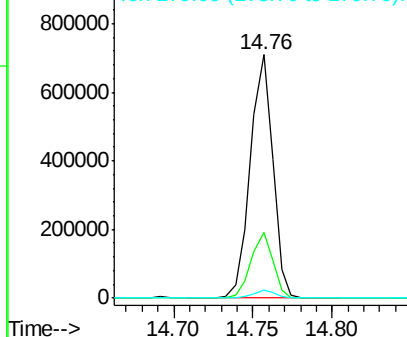
Lab File: BF093883.D

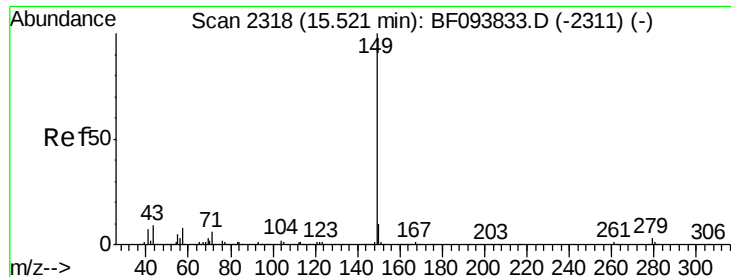
Acq: 23 Mar 2017 17:15

Tgt Ion:	149	Resp:	702132
Ion Ratio		Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.1	1.9	2.9#



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





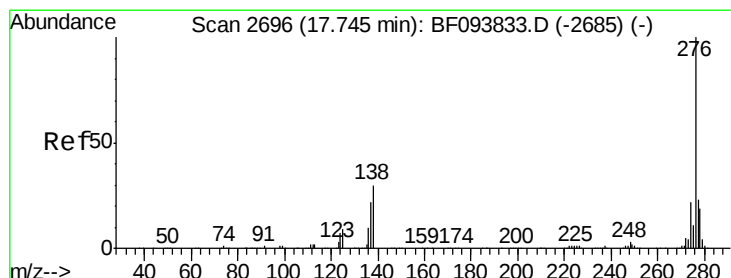
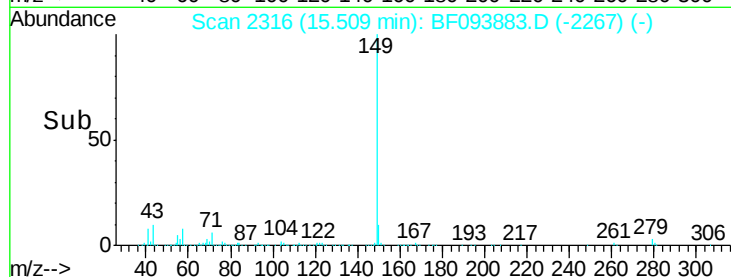
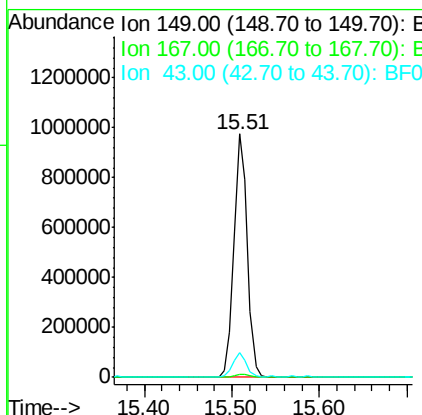
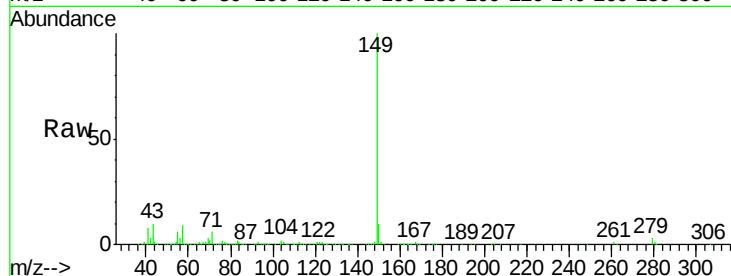
#84
Di-n-octyl phthalate
Concen: 46.65 ng
RT: 15.51 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7

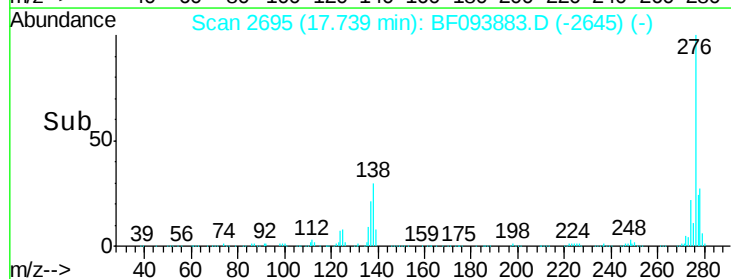
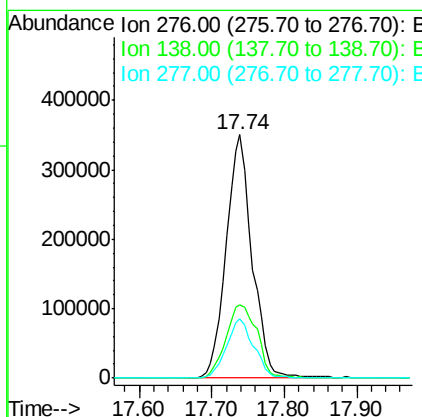
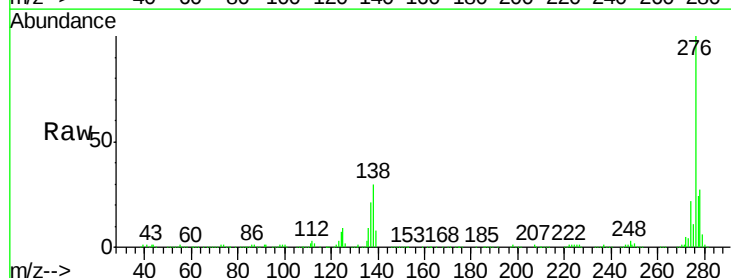
Manual Integrations
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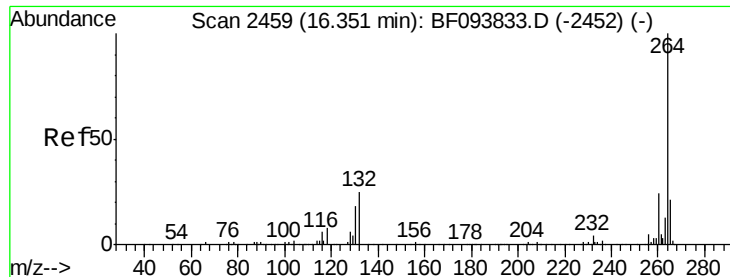
mohammad
3/24/2017 4:10:46 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 59.82 ng
RT: 17.74 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.3	27.8	41.6
277	25.6	20.2	30.4





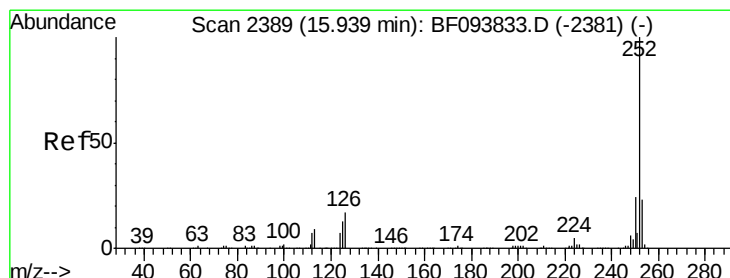
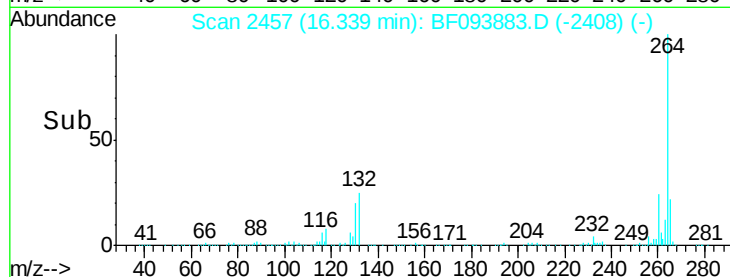
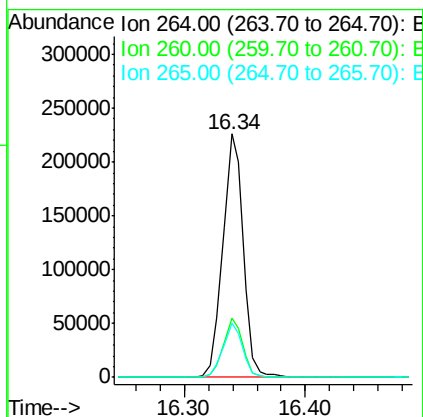
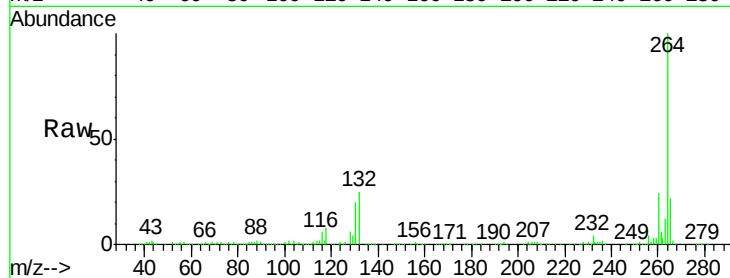
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.34 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.2	17.2	25.8

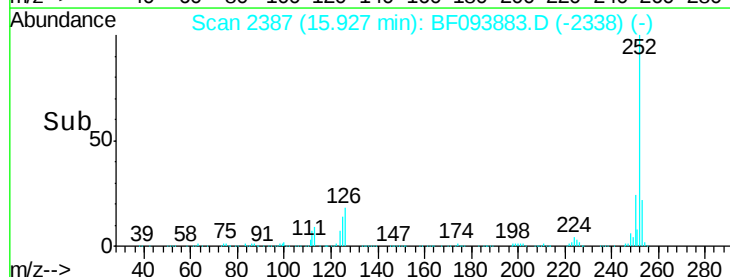
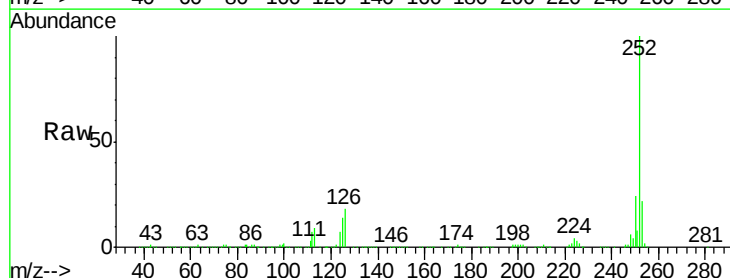
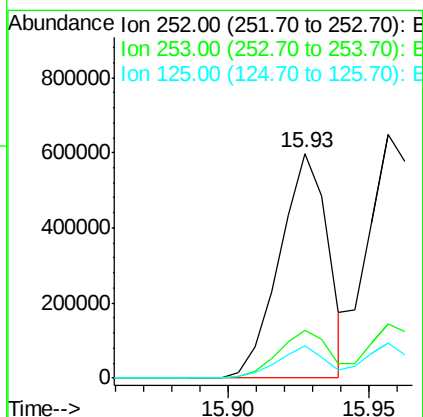
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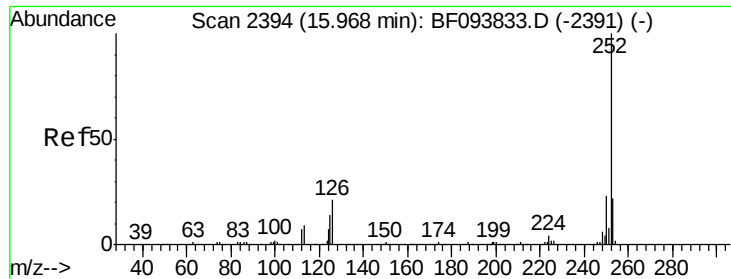
mohammad
3/24/2017 4:10:46 PM



#87
Benzo(b)fluoranthene
Concen: 44.02 ng
RT: 15.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	14.2	9.8	14.8





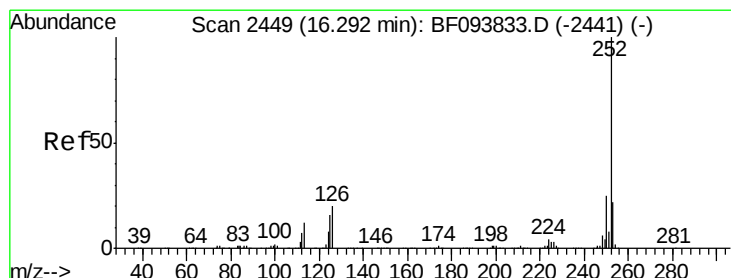
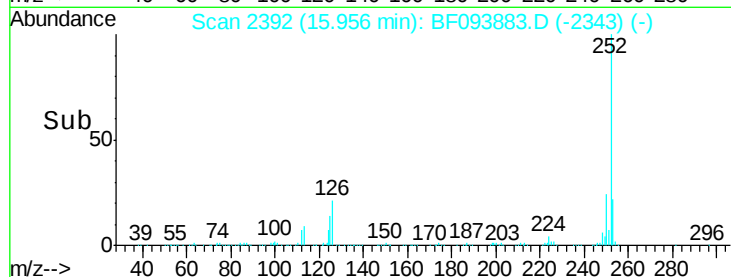
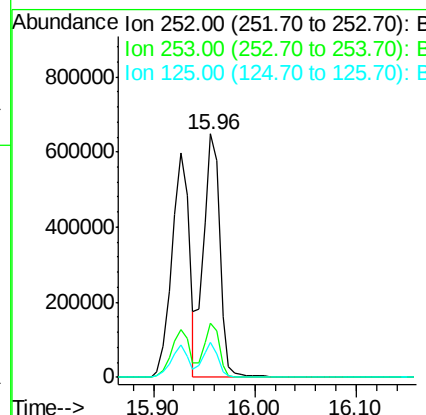
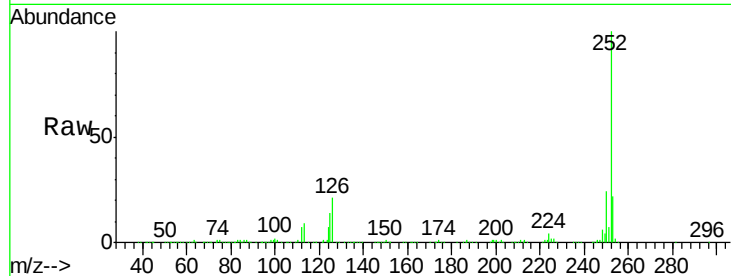
#88
Benzo(k)fluoranthene
Concen: 45.73 ng
RT: 15.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Instrument :
BNA_F
ClientSampleId :
S8-0666MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	14.2	13.1	19.7

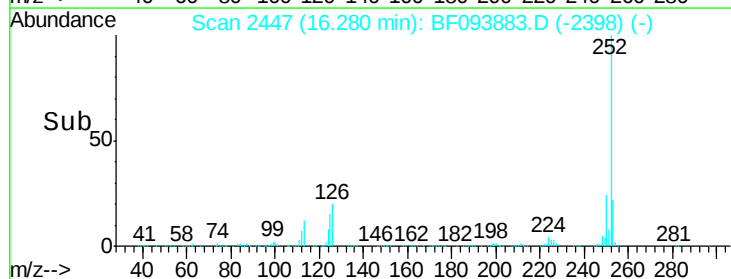
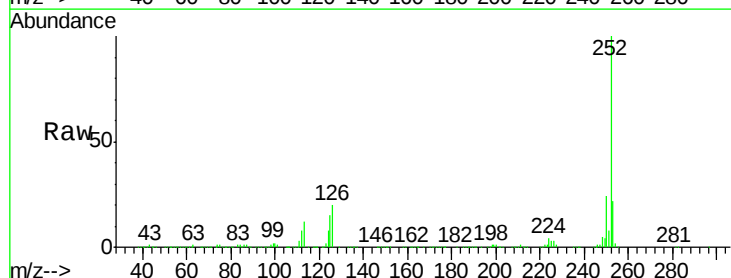
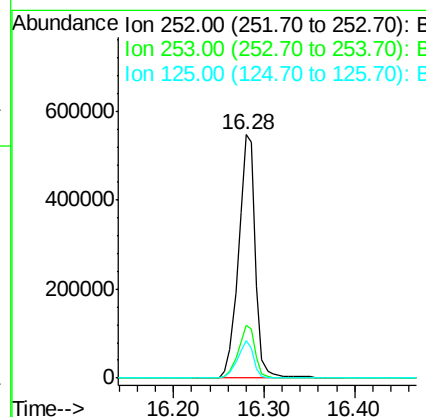
Manual Integrations
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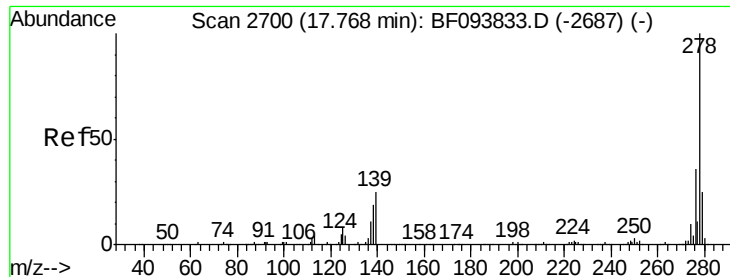
mohammad
3/24/2017 4:10:46 PM



#89
Benzo(a)pyrene
Concen: 48.01 ng
RT: 16.28 min Scan# 2447
Delta R.T. -0.01 min
Lab File: BF093883.D
Acq: 23 Mar 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.5	11.0	16.4





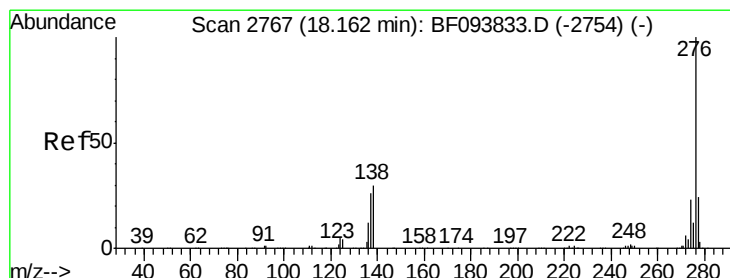
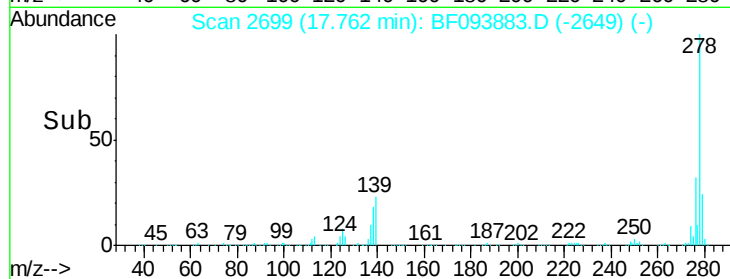
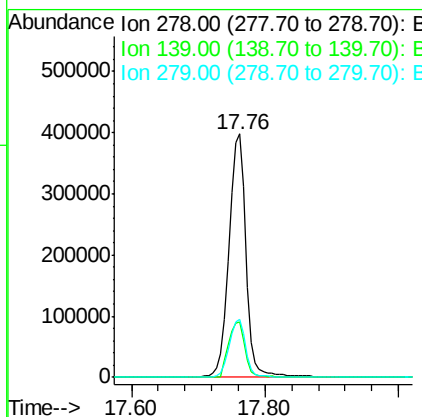
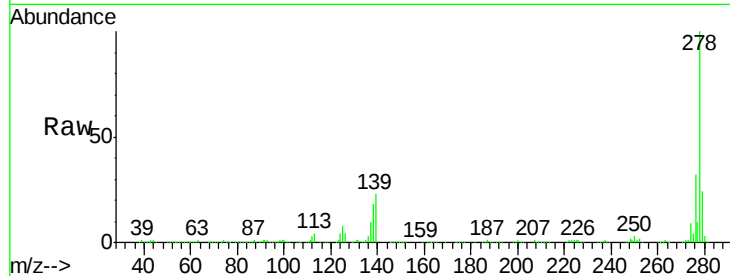
#90
 Dibenzo(a,h)anthracene
 Concen: 57.33 ng
 RT: 17.76 min Scan# 2699
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Instrument :
 BNA_F
 ClientSampleId :
 S8-0666MSD

Tgt Ion:	278	Resp:	724993
Ion Ratio	Lower	Upper	
278	100		
139	22.6	16.6	24.8
279	23.7	19.3	28.9

Manual Integrations
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 3/24/2017 4:10:46 PM



#91
 Benzo(g,h,i)perylene
 Concen: 59.30 ng
 RT: 18.15 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BF093883.D
 Acq: 23 Mar 2017 17:15

Tgt Ion:	276	Resp:	755776
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	30.6	25.4	38.0

