

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109787.D
 Acq On : 11 Oct 2018 15:24
 Operator : JU/SJ
 Sample : J5309-15MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-23MS

Manual Integrations
 APPROVED

Sohil
 10/12/2018 11:01:20 AM

Quant Time: Oct 11 16:44:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	78871	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	319433	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	149925	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	273286	20.00	ng	0.00
75) Chrysene-d12	13.83	240	178262	20.00	ng	0.00
86) Perylene-d12	15.23	264	204833	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	530367	119.36	ng	0.00
7) Phenol-d6	6.35	99	680182	114.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	421326	72.71	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	171073	104.72	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	788644	72.45	ng	0.00
78) Terphenyl-d14	12.78	244	662330	71.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	67592	28.985	ng	97
3) Pyridine	3.13	79	137679	28.617	ng	99
4) n-Nitrosodimethylamine	3.06	42	66221	38.134	ng	# 91
6) Aniline	6.37	93	104604	15.128	ng	# 51
8) 2-Chlorophenol	6.49	128	209722	38.377	ng	97
9) Benzaldehyde	6.25	77	94195	24.660	ng	98
10) Phenol	6.36	94	235615	34.616	ng	# 76
11) bis(2-Chloroethyl)ether	6.43	93	173428	30.734	ng	98
12) 1,3-Dichlorobenzene	6.63	146	212041	33.925	ng	98
13) 1,4-Dichlorobenzene	6.71	146	235643	34.586	ng	99
14) 1,2-Dichlorobenzene	6.86	146	208420	34.833	ng	99
15) Benzyl Alcohol	6.85	79	166252	37.780	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	264209	35.311	ng	99
17) 2-Methylphenol	6.96	107	162615	37.630	ng	92
18) Hexachloroethane	7.20	117	85609	35.549	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	152967	36.748	ng	97
20) 3+4-Methylphenols	7.12	107	202196	37.971	ng	94
22) Acetophenone	7.11	105	302716	39.189	ng	# 98
24) Nitrobenzene	7.28	77	216978	35.984	ng	99
25) Isophorone	7.52	82	413029	42.922	ng	100
26) 2-Nitrophenol	7.60	139	99418	35.249	ng	96
27) 2,4-Dimethylphenol	7.65	122	183254	44.993	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	257303	39.531	ng	99
29) 2,4-Dichlorophenol	7.85	162	174332	38.160	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	184010	36.385	ng	100
31) Naphthalene	8.00	128	607085	41.094	ng	100
32) Benzoic acid	7.65	122	183254	62.931	ng	# 12
33) 4-Chloroaniline	8.06	127	61211	9.409	ng	95
34) Hexachlorobutadiene	8.12	225	113228	36.009	ng	97
35) Caprolactam	8.42	113	42884m	31.432	ng	
36) 4-Chloro-3-methylphenol	8.55	107	188898	39.171	ng	99
37) 2-Methylnaphthalene	8.69	142	400484	41.386	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	189723	37.175	ng	98
40) Hexachlorocyclopentadiene	8.85	237	147592	67.303	ng	100

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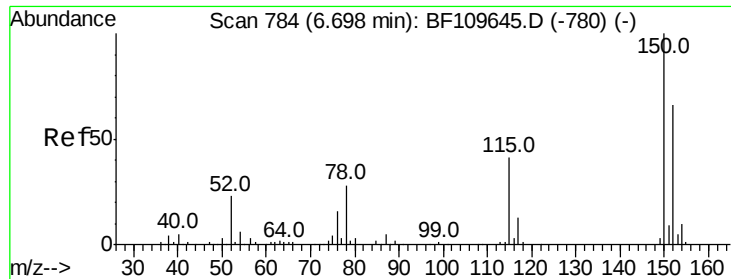
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112845	36.988	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	130445	37.187	ng	98
45) 1,1'-Biphenyl	9.15	154	491311	36.683	ng	99
46) 2-Chloronaphthalene	9.17	162	377942	37.665	ng	99
47) 2-Nitroaniline	9.27	65	119949	39.479	ng	96
48) Acenaphthylene	9.59	152	594289	40.625	ng	99
49) Dimethylphthalate	9.45	163	501408	45.601	ng	100
50) 2,6-Dinitrotoluene	9.52	165	93289	39.140	ng	98
51) Acenaphthene	9.76	154	332396	38.330	ng	99
52) 3-Nitroaniline	9.69	138	43164	16.156	ng	91
53) 2,4-Dinitrophenol	9.81	184	9899	12.873	ng	# 51
54) Dibenzofuran	9.93	168	503312	38.719	ng	99
55) 4-Nitrophenol	9.87	139	84837	58.010	ng	87
56) 2,4-Dinitrotoluene	9.92	165	119305	40.110	ng	99
57) Fluorene	10.27	166	398482	41.049	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	105677	37.060	ng	97
59) Diethylphthalate	10.15	149	428673	39.347	ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	193924	37.867	ng	100
61) 4-Nitroaniline	10.30	138	86059	34.781	ng	99
62) Azobenzene	10.42	77	430549	38.917	ng	100
64) 4,6-Dinitro-2-methylphenol	10.33	198	25617	19.259	ng	89
65) n-Nitrosodiphenylamine	10.39	169	362003	39.074	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	120567	38.396	ng	97
67) Hexachlorobenzene	10.82	284	128386	37.758	ng	98
68) Atrazine	10.91	200	110471	38.209	ng	99
69) Pentachlorophenol	11.02	266	85683	44.782	ng	99
70) Phenanthrene	11.23	178	537610	39.310	ng	100
71) Anthracene	11.28	178	595589	42.128	ng	99
72) Carbazole	11.44	167	488054	35.594	ng	99
73) Di-n-butylphthalate	11.76	149	622073	39.116	ng	100
74) Fluoranthene	12.41	202	524408	36.704	ng	97
76) Benzidine	12.54	184	117112	17.685	ng	100
77) Pyrene	12.63	202	504427	38.622	ng	99
79) Butylbenzylphthalate	13.25	149	214378	37.859	ng	99
80) Benzo(a)anthracene	13.82	228	390382	39.684	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	81441	20.561	ng	99
82) Chrysene	13.86	228	409328	39.614	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	283888	41.093	ng	98
84) Di-n-octyl phthalate	14.42	149	524123	47.998	ng	99
85) Indeno(1,2,3-cd)pyrene	16.59	276	510297	68.998	ng	99
87) Benzo(b)fluoranthene	14.83	252	381746	33.725	ng	99
88) Benzo(k)fluoranthene	14.86	252	444078	39.046	ng	99
89) Benzo(a)pyrene	15.17	252	415344	40.434	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	424398	50.306	ng	98
91) Benzo(g,h,i)perylene	16.99	276	423921	50.321	ng	99

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



#1

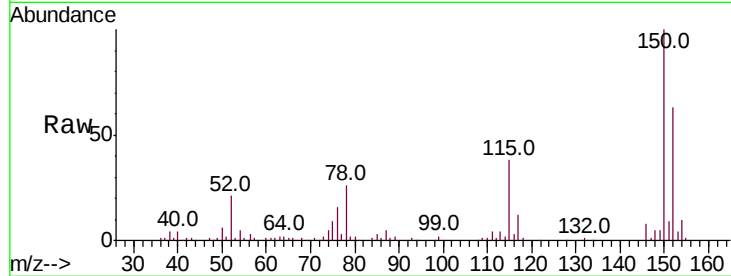
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	122.7	184.1
115	59.7	49.1	73.7

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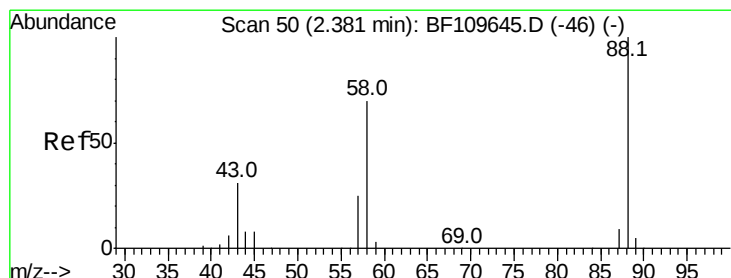
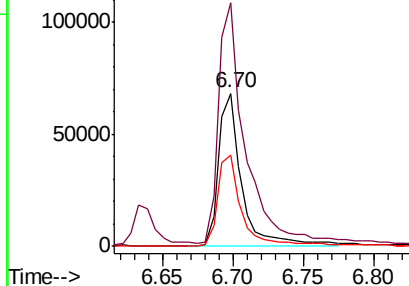
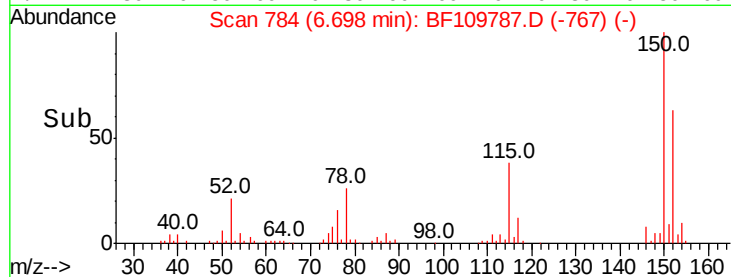


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

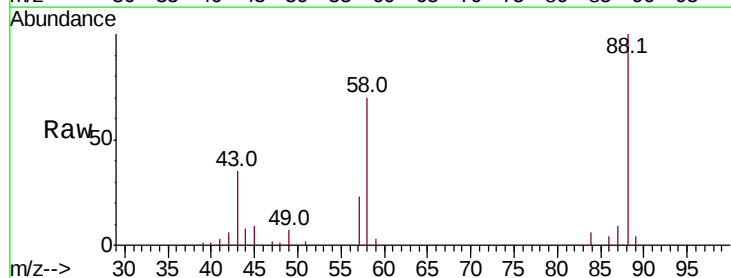
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.985 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.02 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	57.1	85.7
43	31.4	24.1	36.1

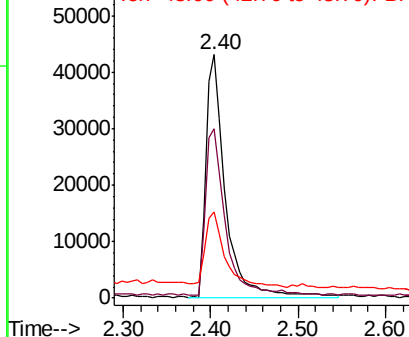
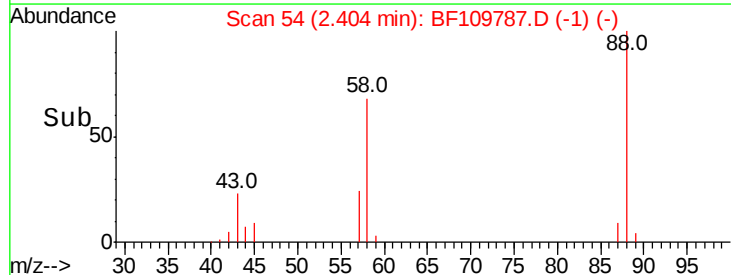


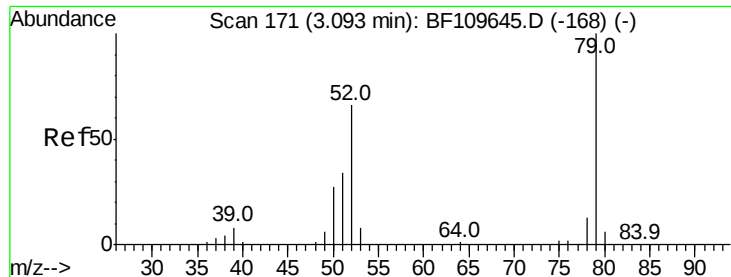
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





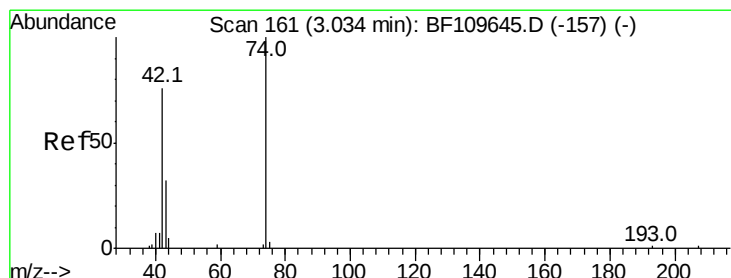
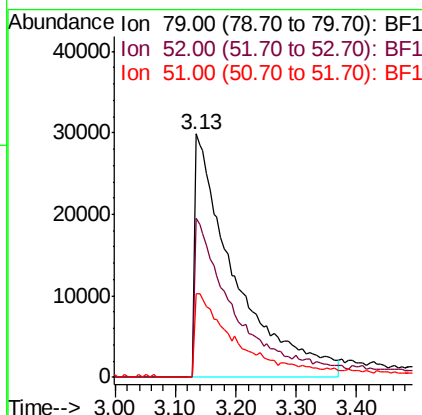
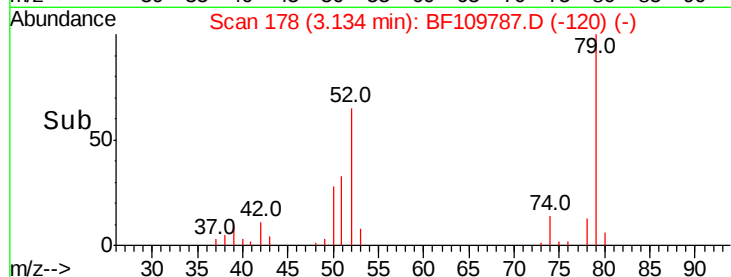
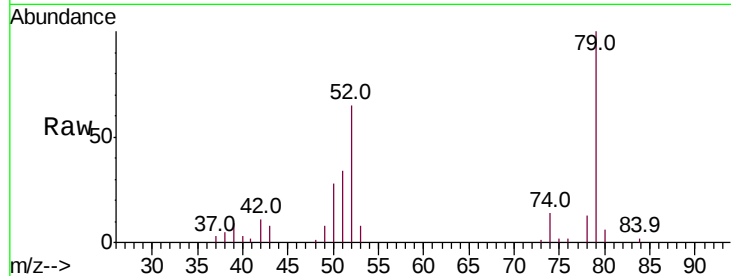
#3
Pvridine
Concen: 28.617 ng
RT: 3.13 min Scan# 178
Delta R.T. 0.04 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.4	53.1	79.7
51	34.2	27.4	41.2

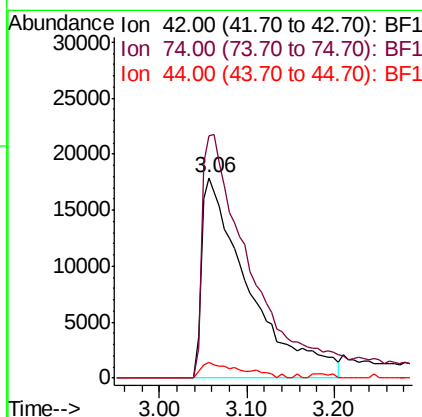
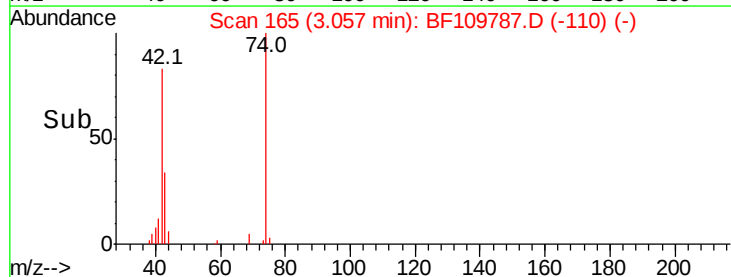
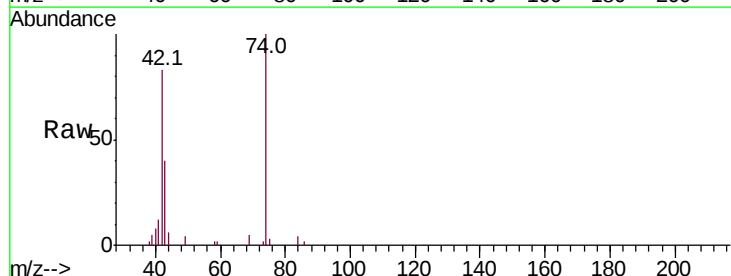
Manual Integrations
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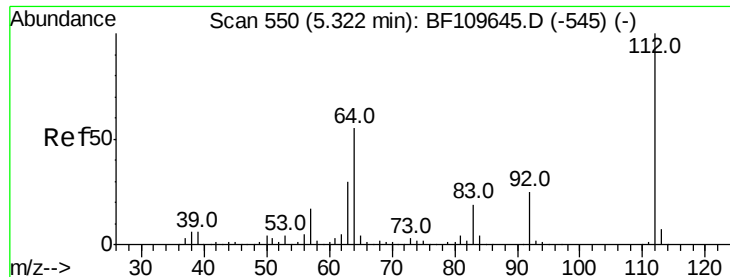
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#4
n-Nitrosodimethylamine
Concen: 38.134 ng
RT: 3.06 min Scan# 165
Delta R.T. 0.02 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.8	105.5	158.3
44	7.8	4.9	7.3#





#5

2-Fluorophenol

Concen: 119.362 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

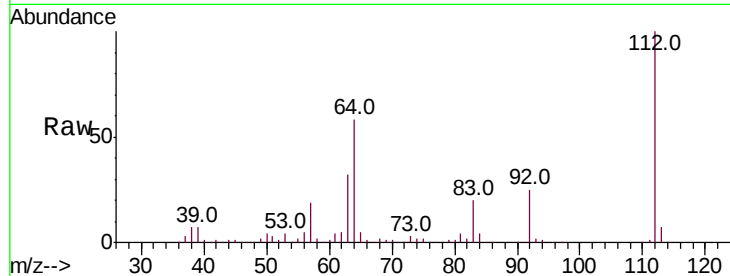
ClientSampled :

S-23MS

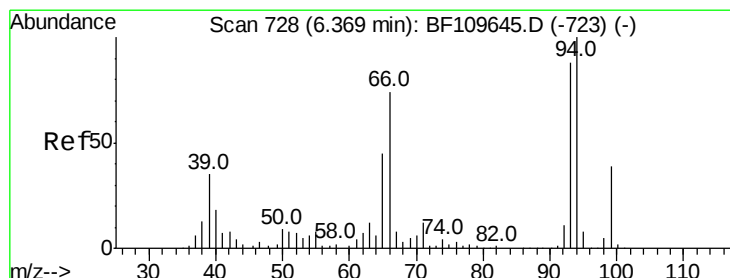
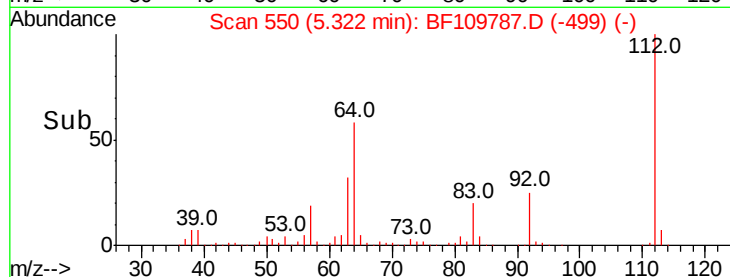
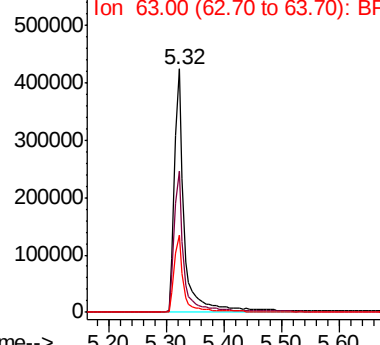
Tot Ion:	112	Resp:	530367
Ion Ratio	Lower	Upper	
112	100		
64	58.1	44.1	66.1
63	31.9	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.128 ng

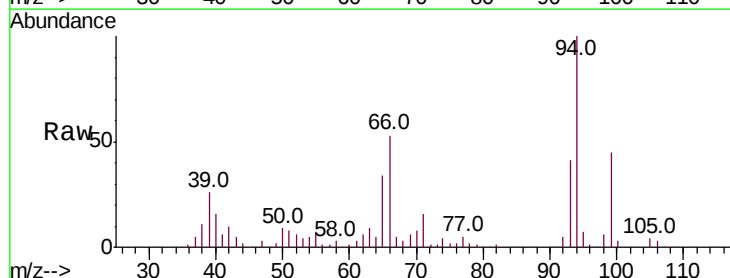
RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

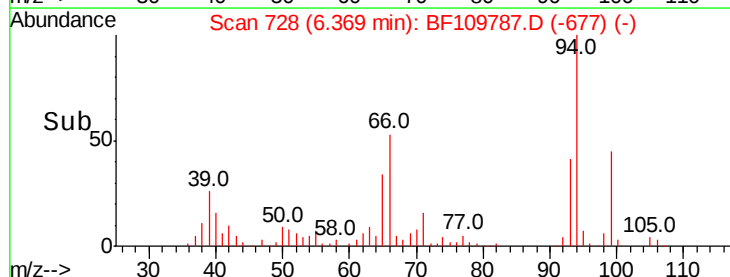
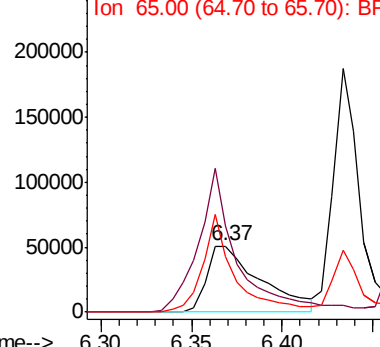
Lab File: BF109787.D

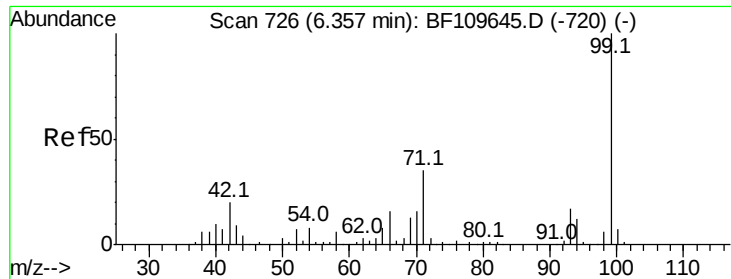
Acq: 11 Oct 2018 15:24

Tgt Ion:	93	Resp:	104604
Ion Ratio	Lower	Upper	
93	100		
66	130.0	67.4	101.0#
65	83.0	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.589 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

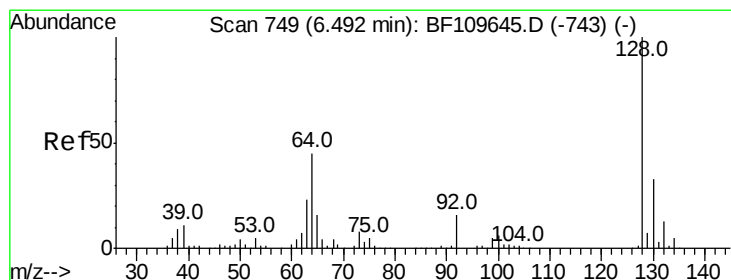
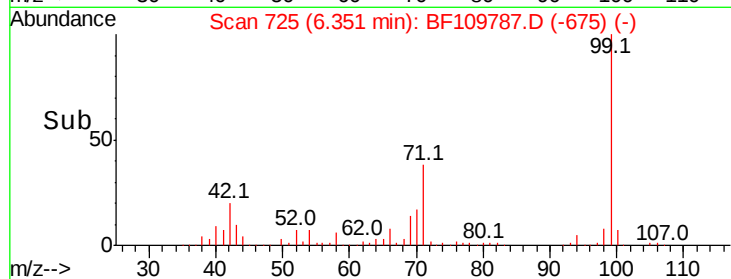
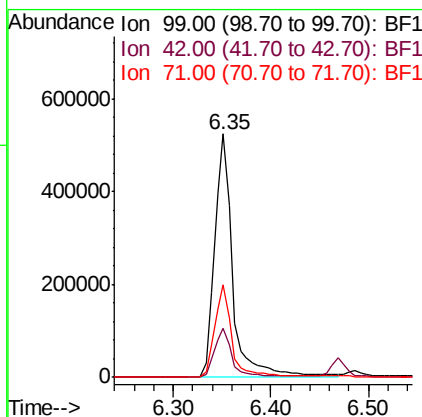
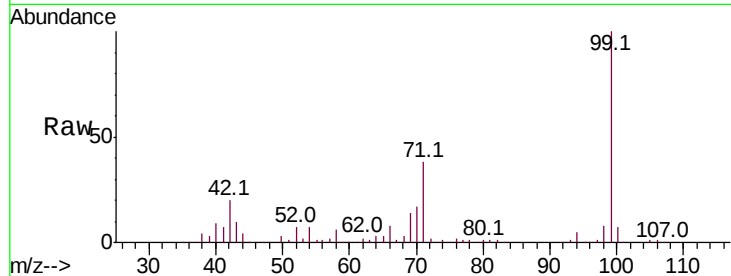
ClientSampleId :

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Tot Ion:	99	Resp:	680182
Ion Ratio	Lower	Upper	
99	100		
42	20.1	15.8	23.6
71	38.0	28.0	42.0

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#8

2-Chlorophenol

Concen: 38.377 ng

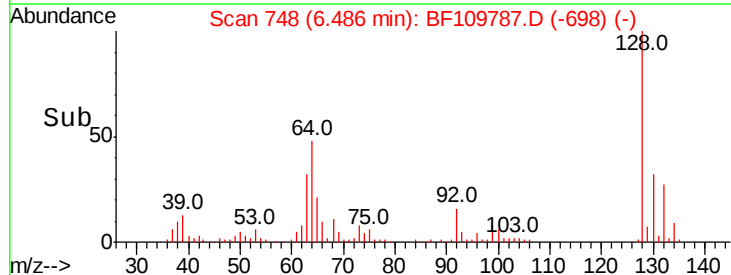
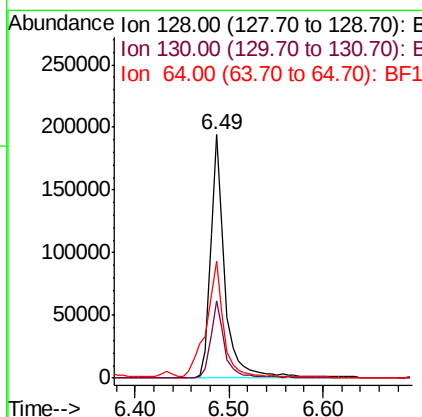
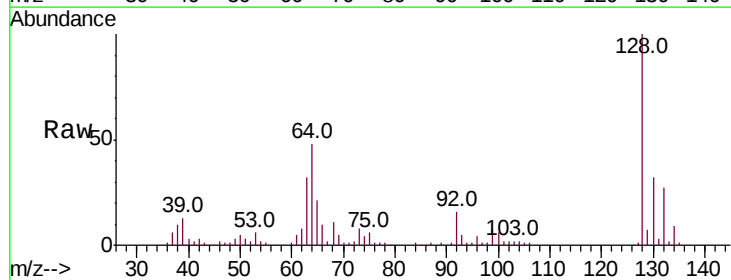
RT: 6.49 min Scan# 748

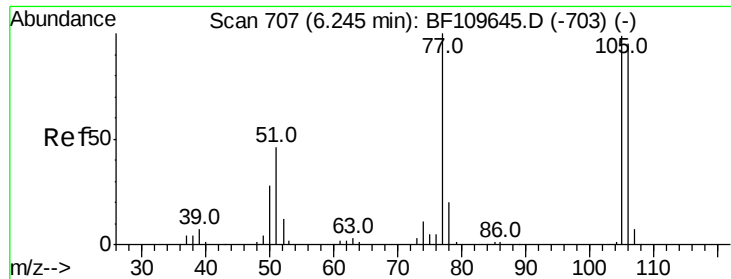
Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:	128	Resp:	209722
Ion Ratio	Lower	Upper	
128	100		
130	31.7	13.1	53.1
64	48.1	26.0	66.0





#9

Benzaldehyde

Concen: 24.660 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampled :

S-23MS

Tot Ion: 77 Resp: 94195

Ion Ratio Lower Upper

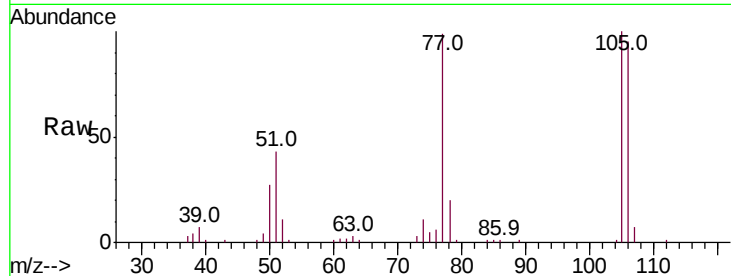
77 100

105 101.0 78.6 118.6

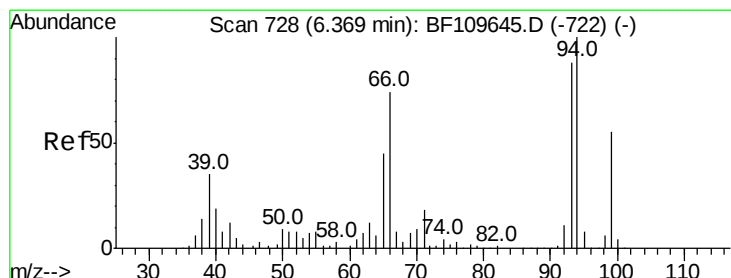
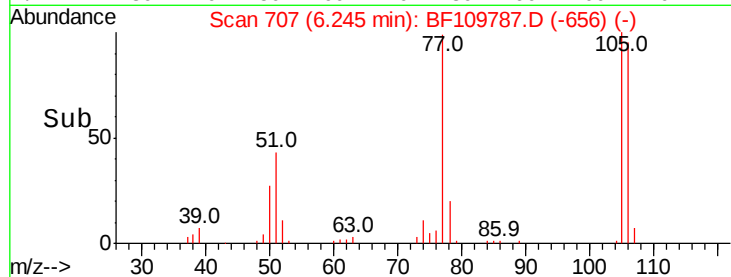
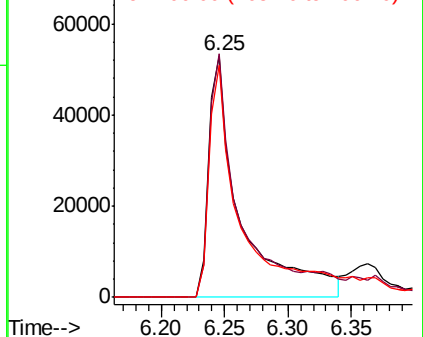
106 96.3 74.8 114.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.616 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

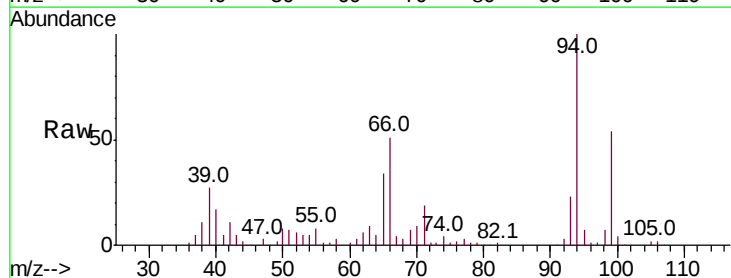
Tgt Ion: 94 Resp: 235615

Ion Ratio Lower Upper

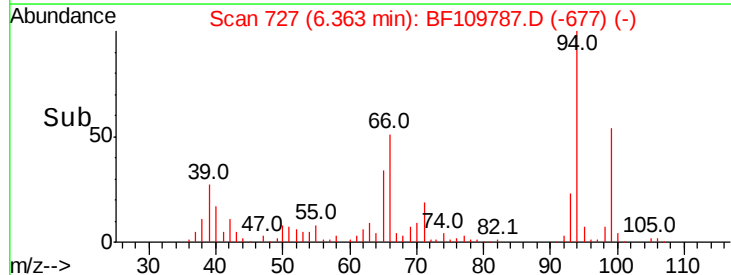
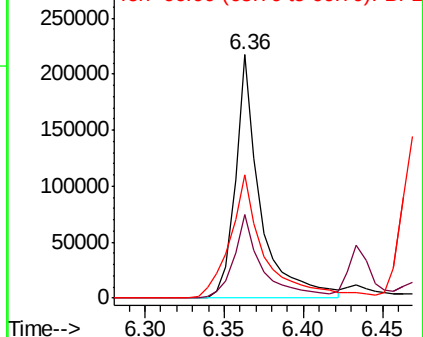
94 100

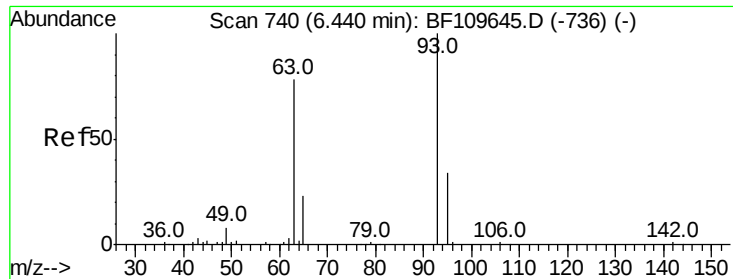
65 34.4 25.3 65.3

66 50.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





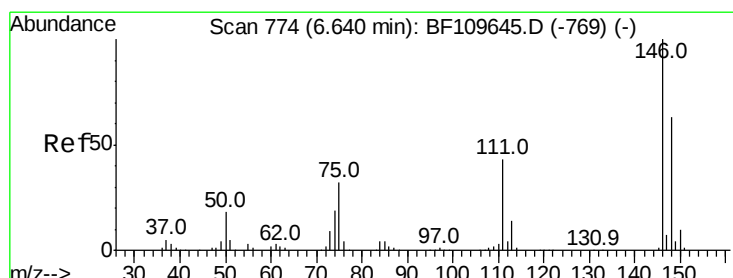
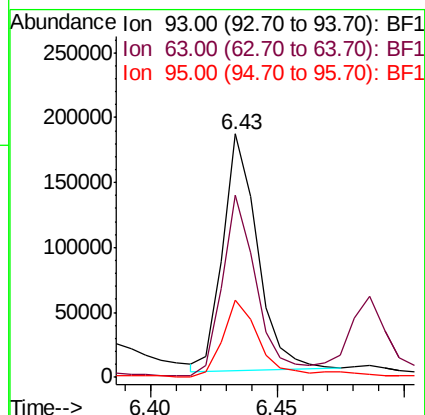
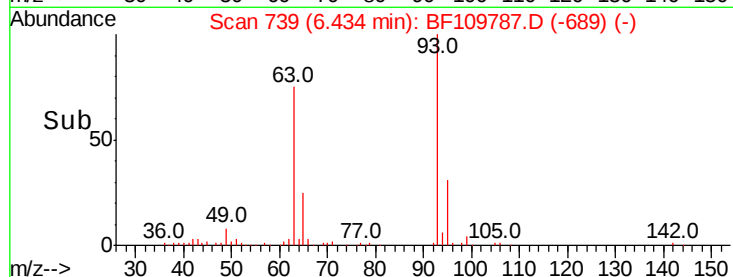
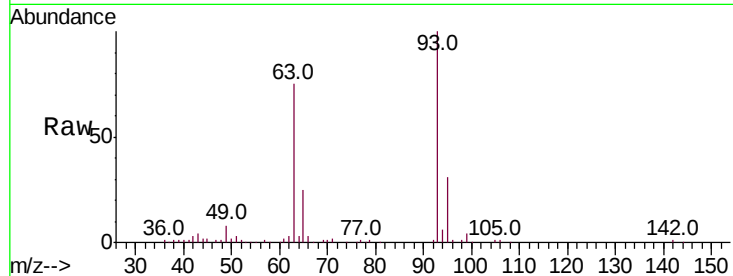
#11
bis(2-Chloroethyl)ether
Concen: 30.734 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion:	93	Resp:	173428
Ion Ratio	Lower	Upper	
93	100		
63	75.0	53.4	93.4
95	31.5	12.1	52.1

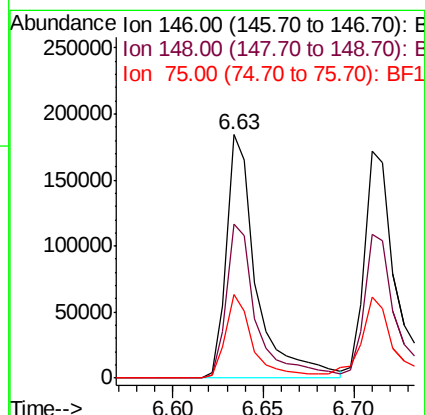
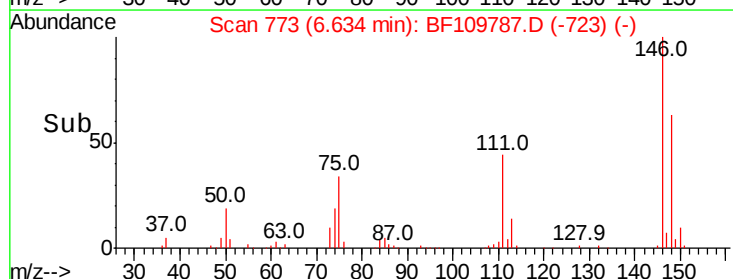
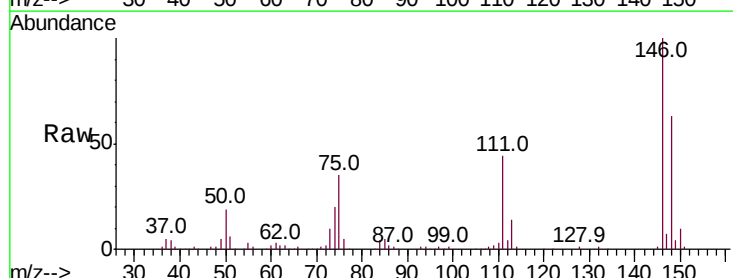
Manual Integrations
APPROVED

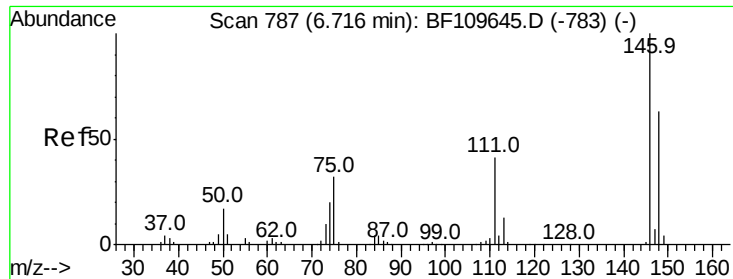
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.925 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:	146	Resp:	212041
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
75	34.5	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 34.586 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

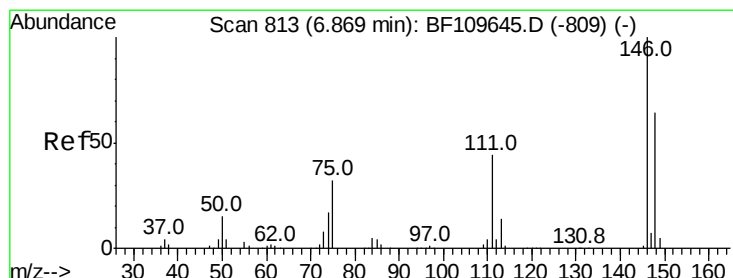
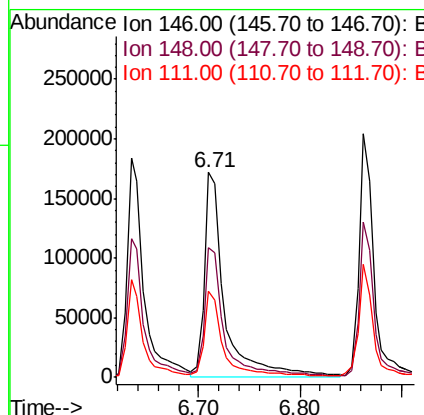
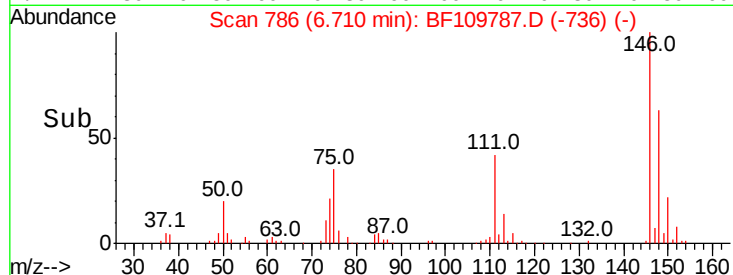
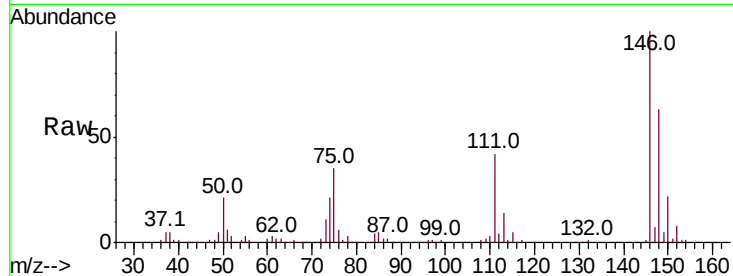
ClientSampleId :

S-23MS

Tot Ion:	146	Resp:	235643
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.3	75.5
111	42.2	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 34.833 ng

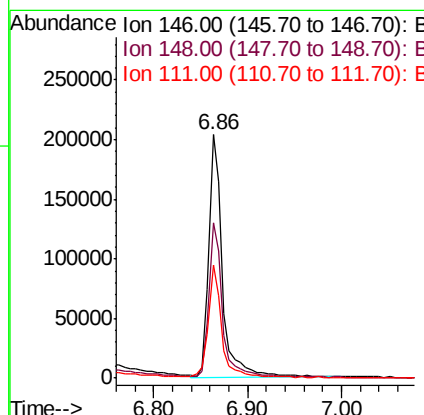
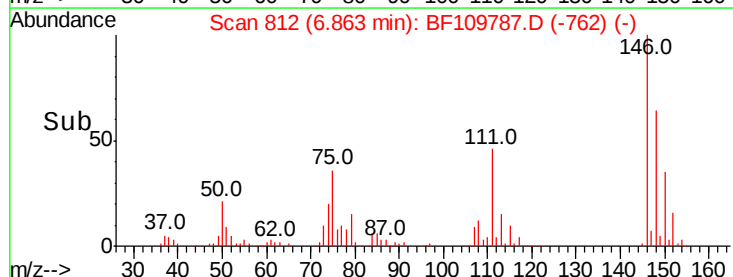
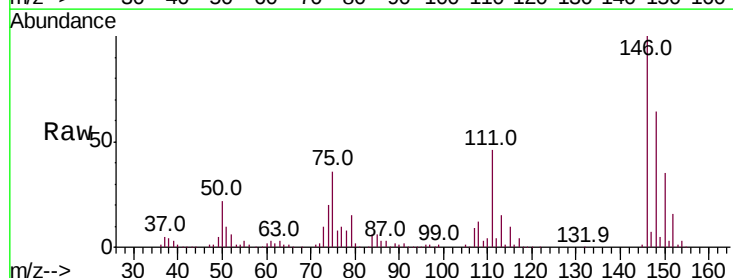
RT: 6.86 min Scan# 812

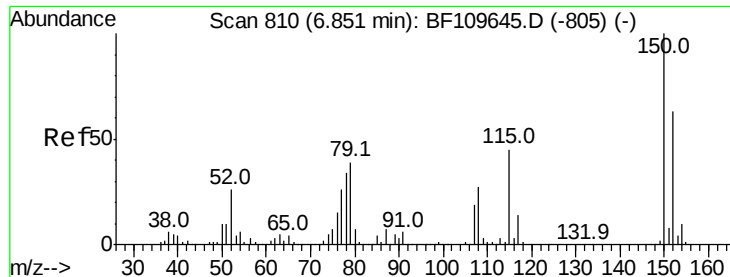
Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:	146	Resp:	208420
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.1	76.7
111	46.4	35.8	53.6





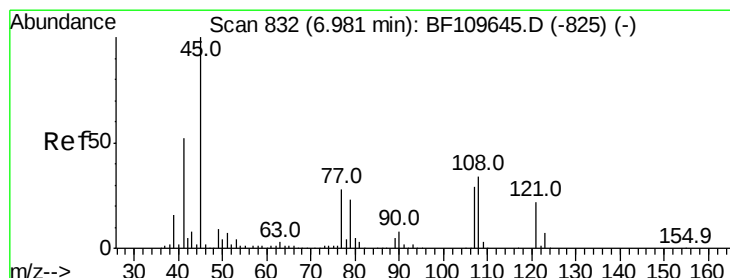
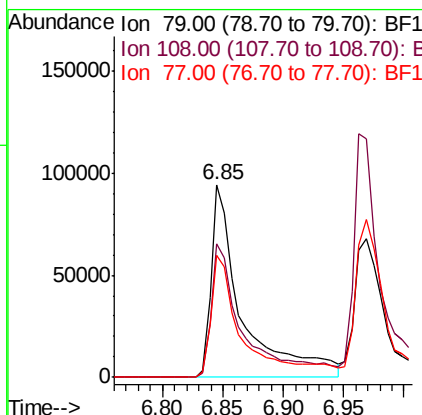
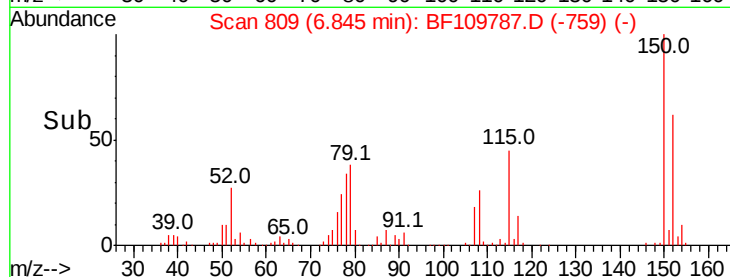
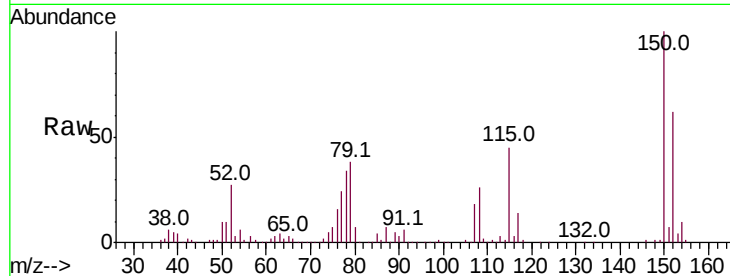
#15
Benzyl Alcohol
Concen: 37.780 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.1	56.3	84.5
77	63.1	52.9	79.3

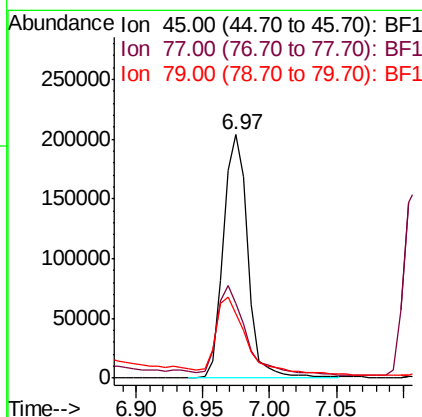
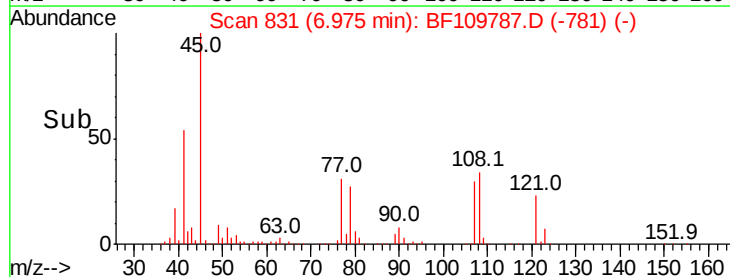
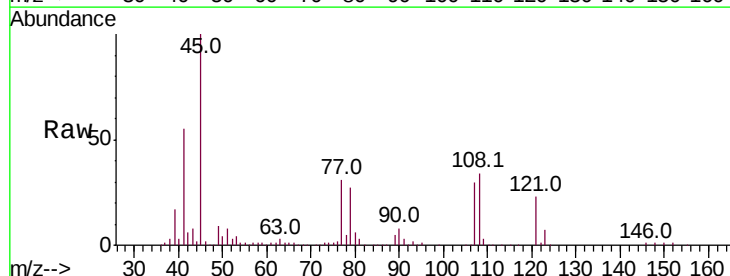
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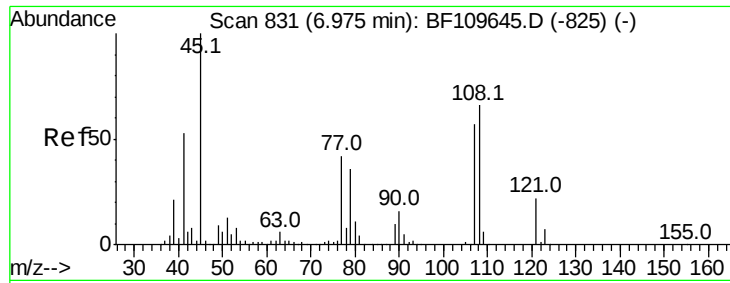
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.311 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.8	10.0	50.0
79	26.7	6.1	46.1





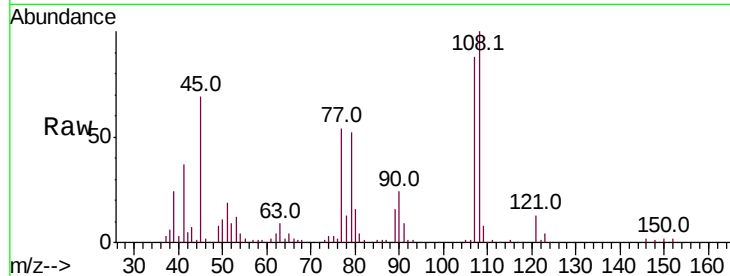
#17
2-Methylphenol
Concen: 37.630 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

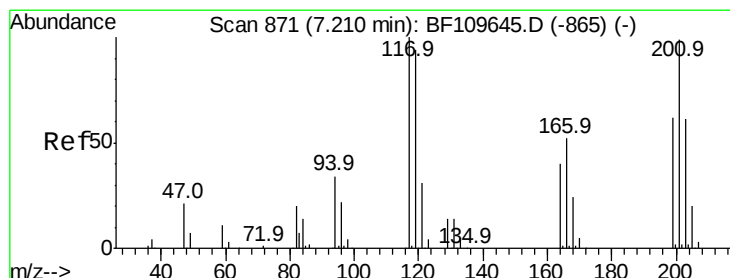
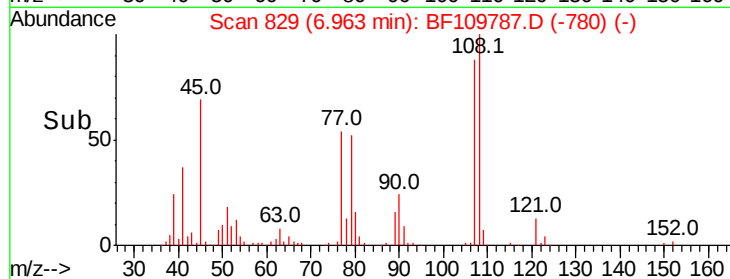
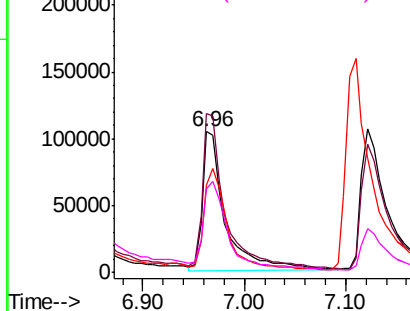
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	92.6	138.8	
77	61.6	59.4	89.2	
79	59.2	54.0	81.0	

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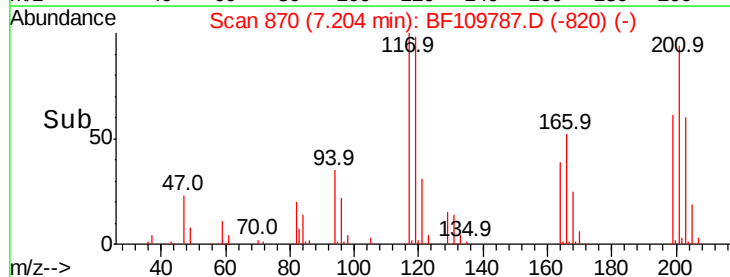
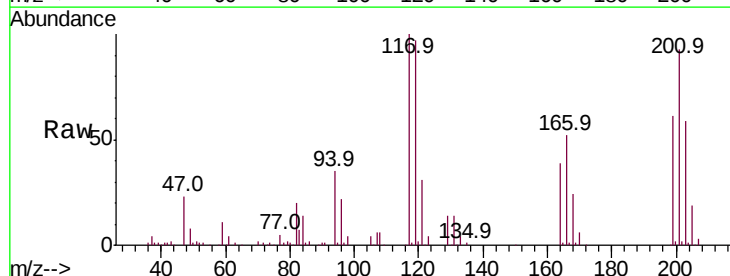
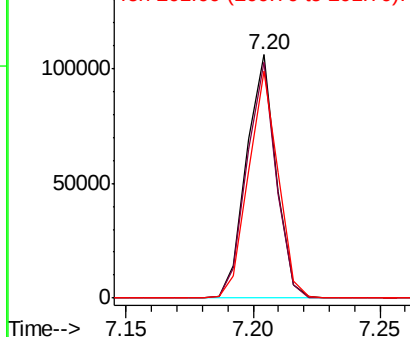
Abundance Ion 107.00 (106.70 to 107.70): E
250000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

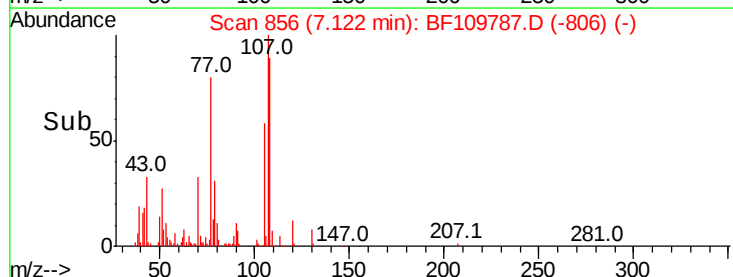
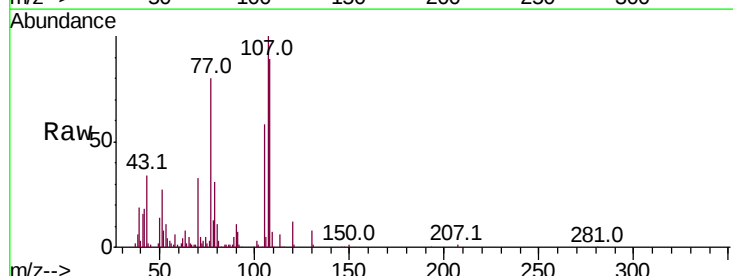
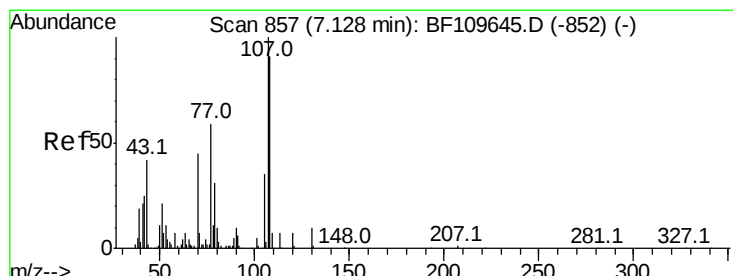
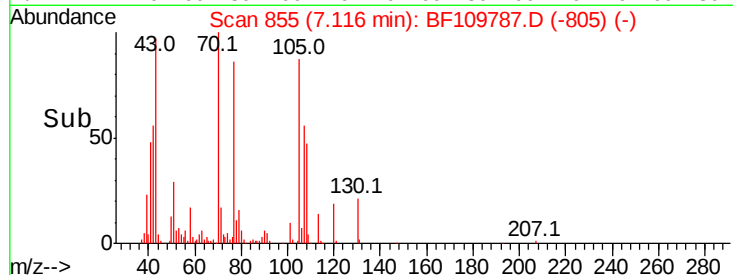
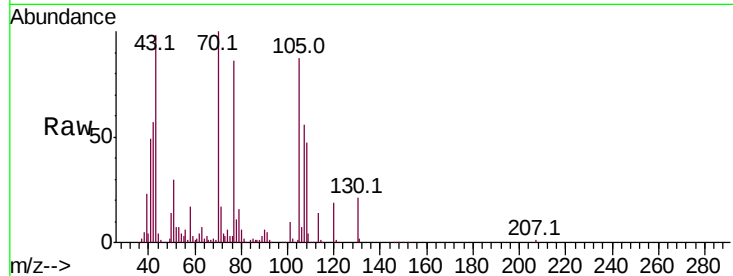
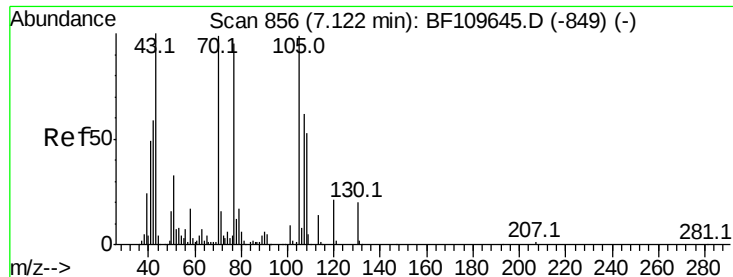


#18
Hexachloroethane
Concen: 35.549 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	75.0	112.6	
201	93.3	79.2	118.8	

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





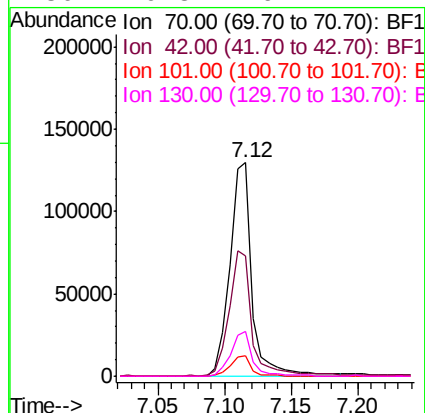
#19
n-Nitroso-di-n-propylamine
Concen: 36.748 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.4	71.2
101	9.5	7.3	10.9
130	20.8	16.2	24.2

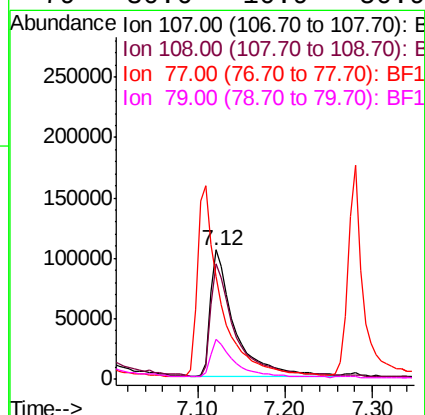
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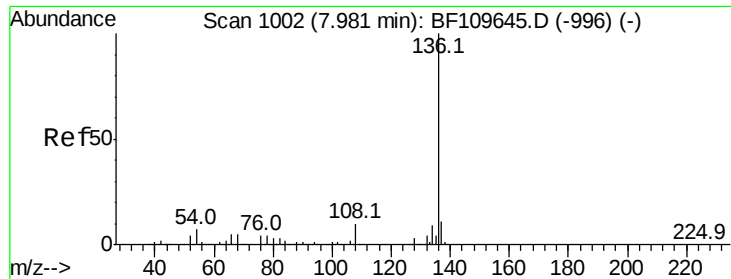
Sohil
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#20
3+4-Methylphenols
Concen: 37.971 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	79.5	47.3	87.3
79	30.6	10.9	50.9





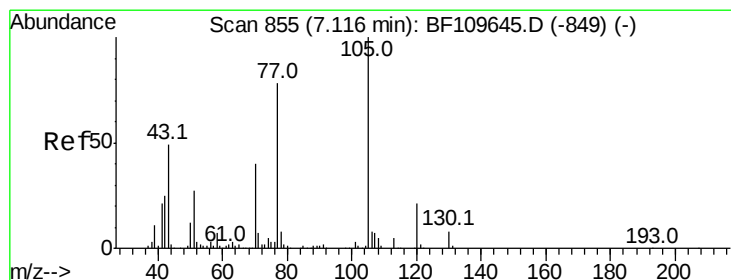
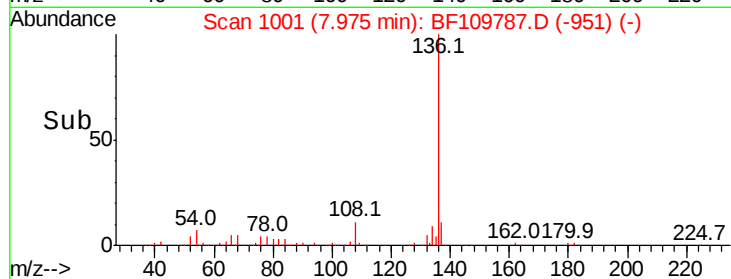
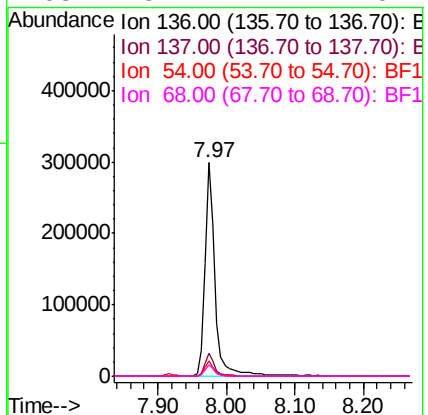
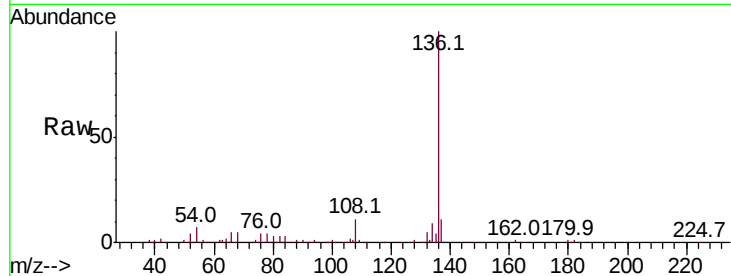
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	319433		
137	10.6		8.8	13.2
54	7.0		5.4	8.2
68	5.4		4.2	6.2

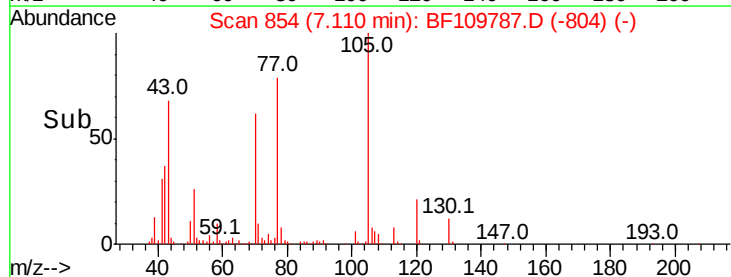
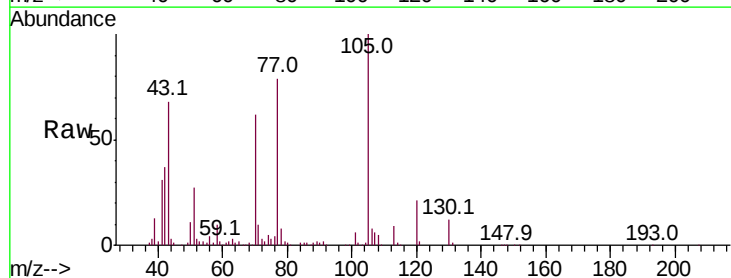
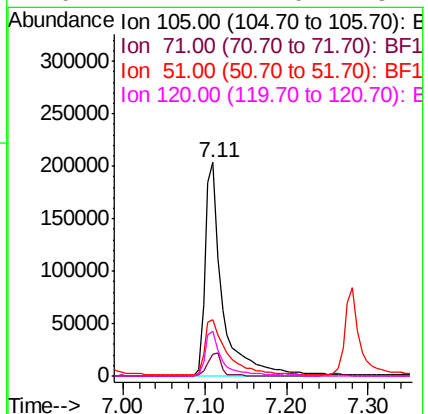
Manual Integrations
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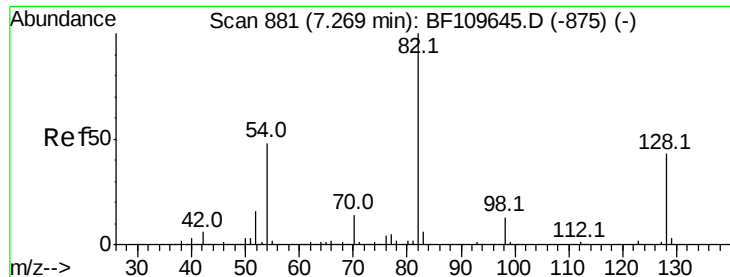
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#22
Acetophenone
Concen: 39.189 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302716		
71	10.1		5.2	7.8#
51	26.5		21.8	32.8
120	21.2		17.0	25.4





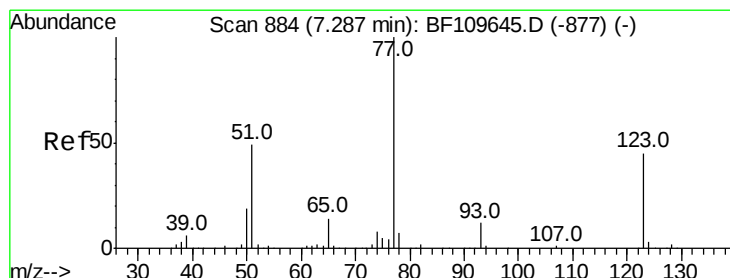
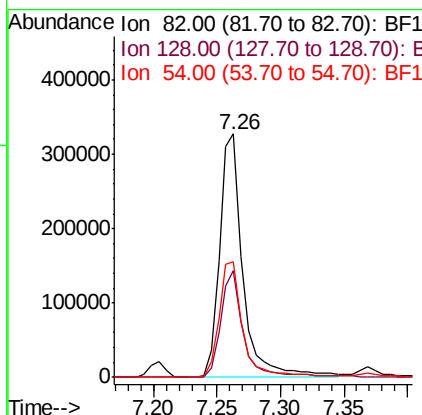
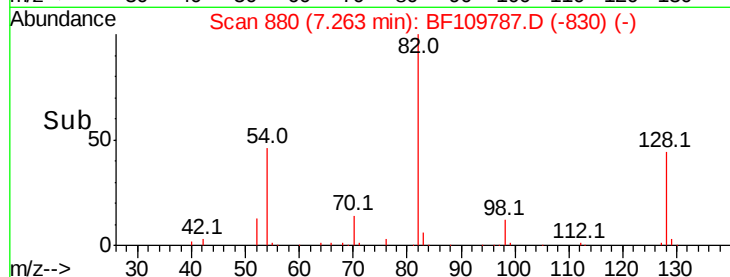
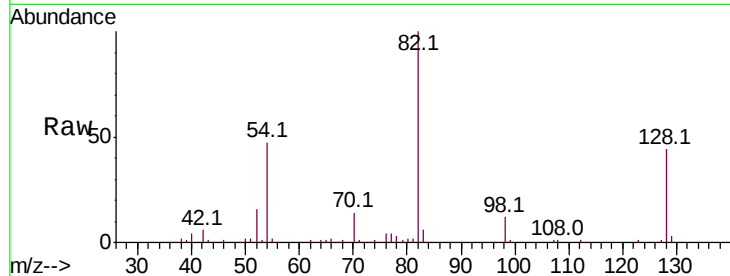
#23
Nitrobenzene-d5
Concen: 72.707 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	34.2	51.2	
54	47.4	38.6	58.0	

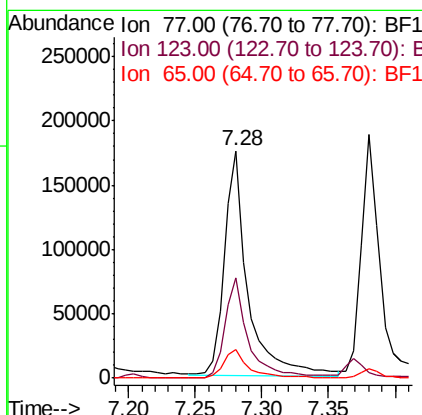
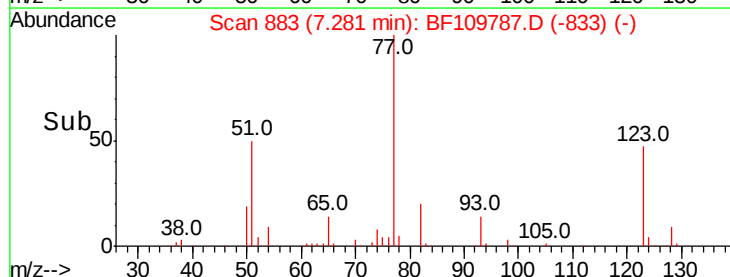
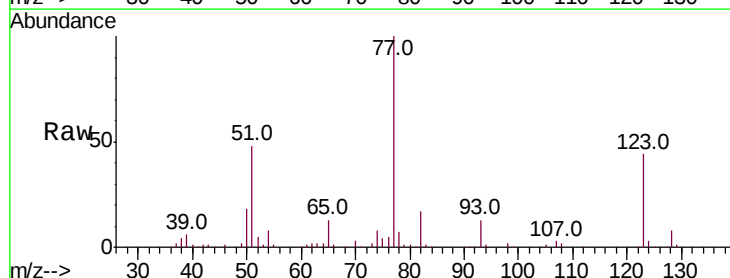
Manual Integrations
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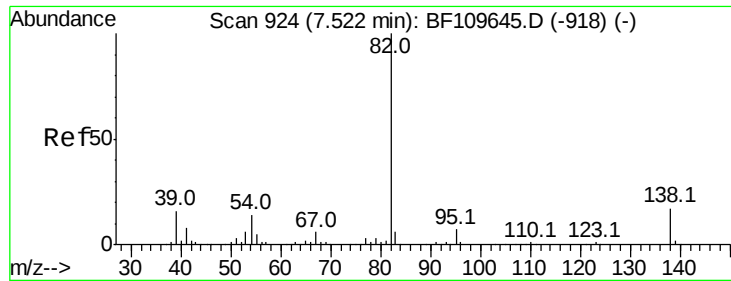
Sohil
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#24
Nitrobenzene
Concen: 35.984 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.3	35.7	53.5	
65	12.7	10.7	16.1	





#25

Isophorone

Concen: 42.922 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

S-23MS

Tot Ion: 82 Resp: 413029

Ion Ratio Lower Upper

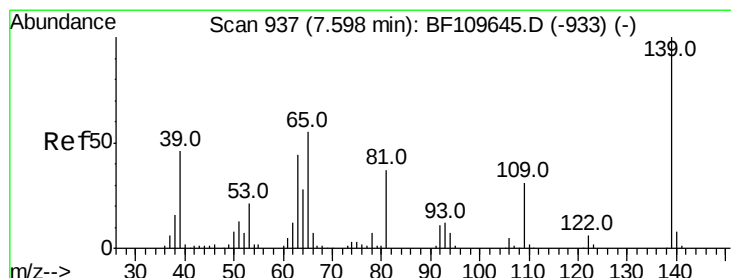
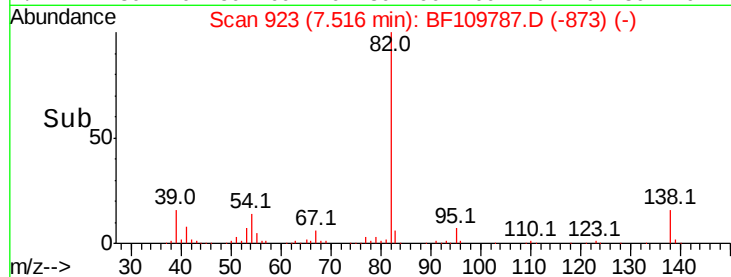
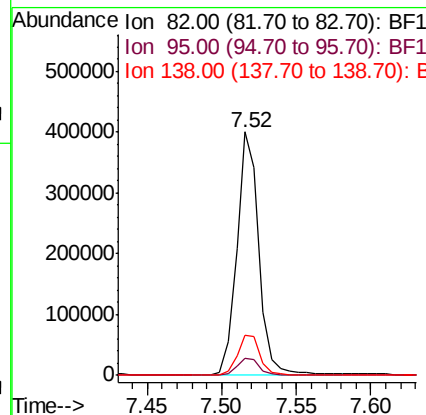
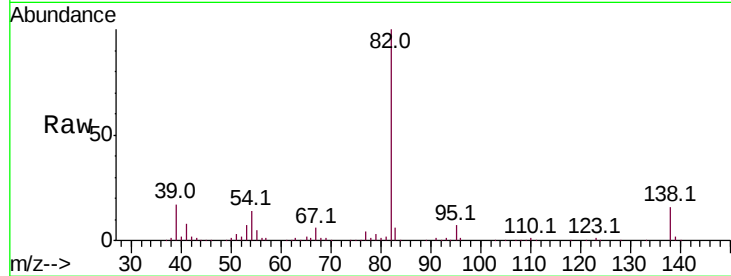
82 100

95 7.1 5.7 8.5

138 16.3 13.2 19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.249 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

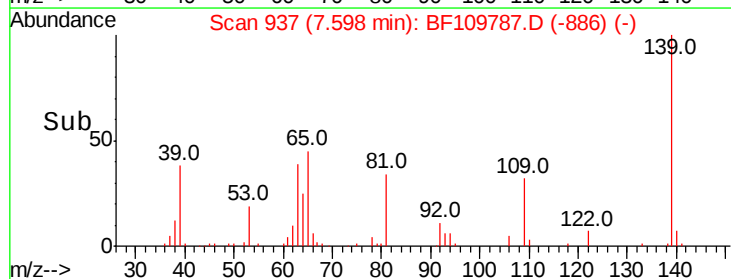
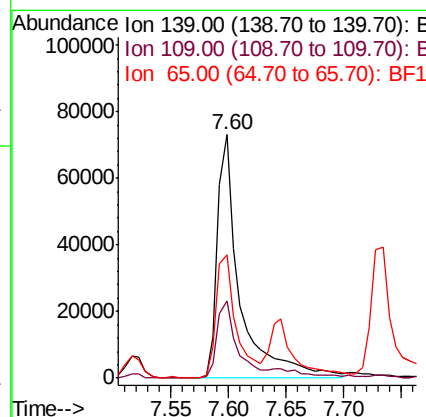
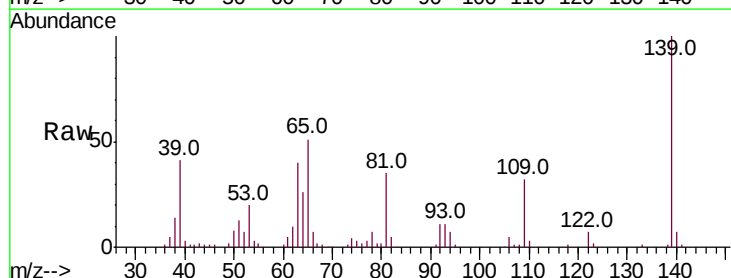
Tgt Ion: 139 Resp: 99418

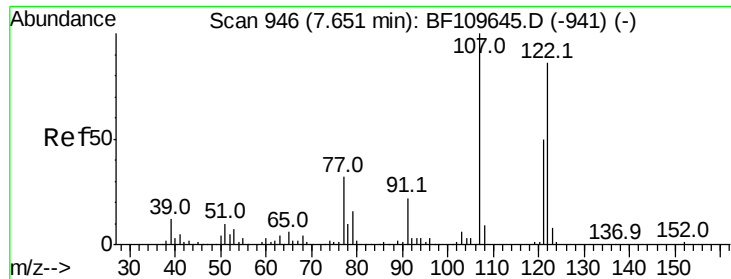
Ion Ratio Lower Upper

139 100

109 31.7 25.0 37.6

65 50.8 44.0 66.0





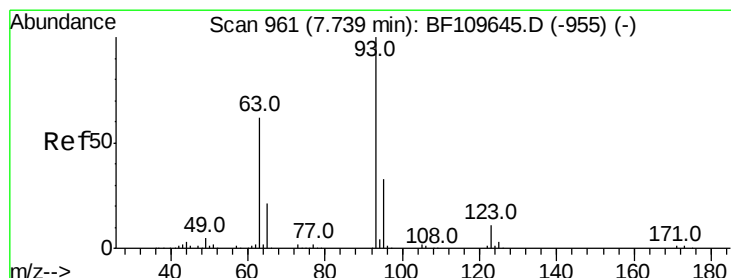
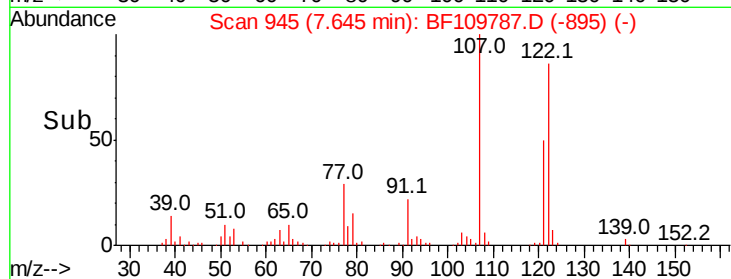
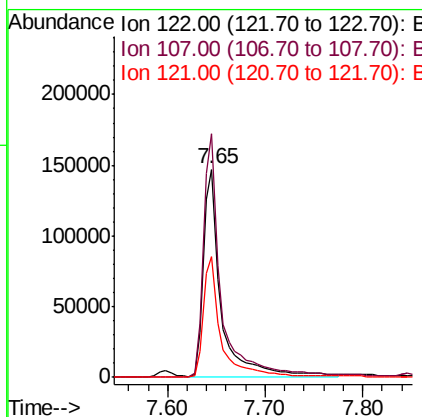
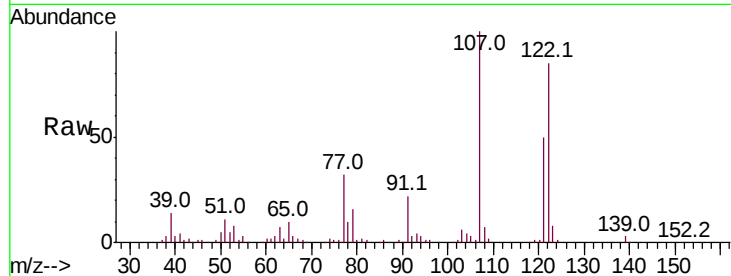
#27
 2,4-Dimethylphenol
 Concen: 44.993 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 S-23MS

Tot Ion:	122	Resp:	183254
Ion Ratio	Lower	Upper	
122	100		
107	117.0	92.5	138.7
121	58.1	45.8	68.8

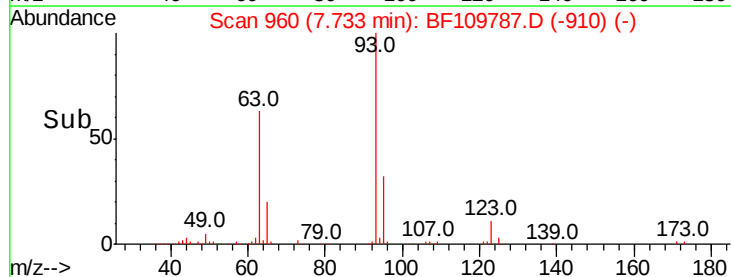
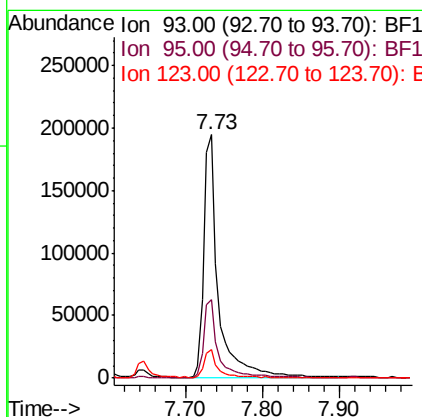
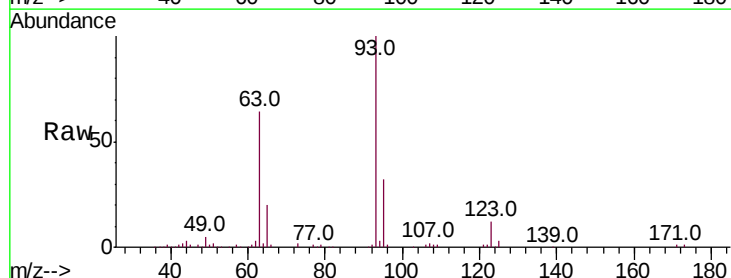
Manual Integrations
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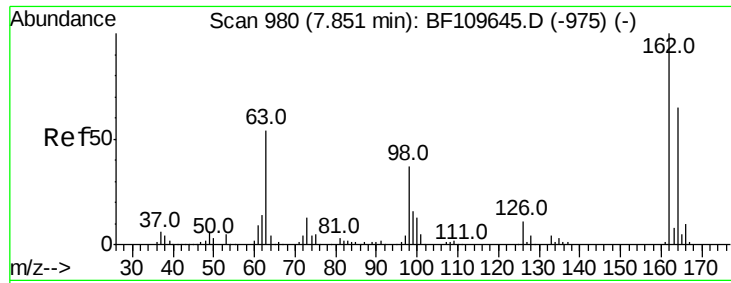
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.531 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion:	93	Resp:	257303
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.4	39.6
123	11.6	9.0	13.6





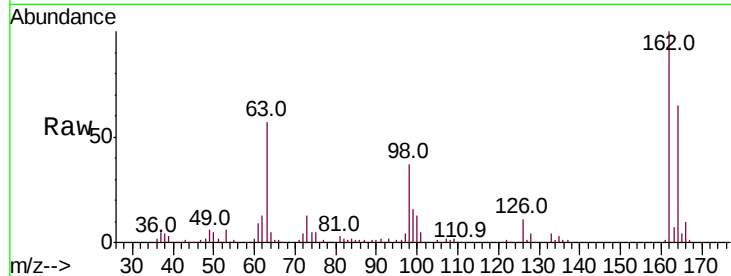
#29
2,4-Dichlorophenol
Concen: 38.160 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.6	84.6
98	36.9	17.4	57.4

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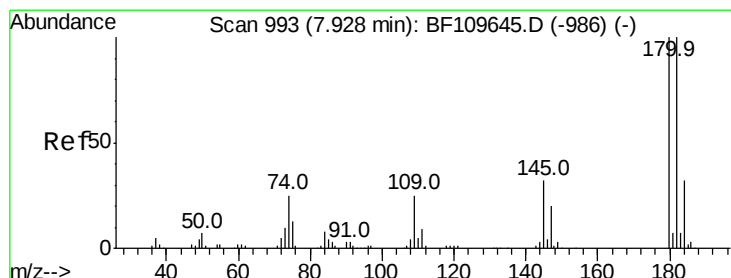
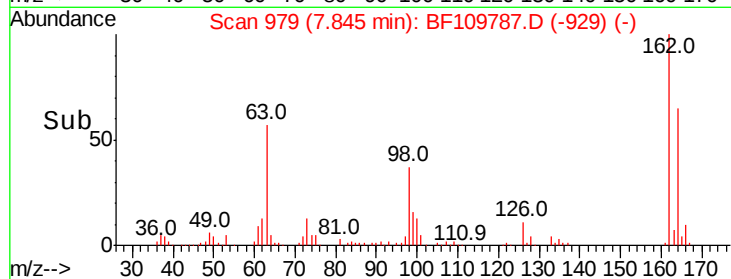
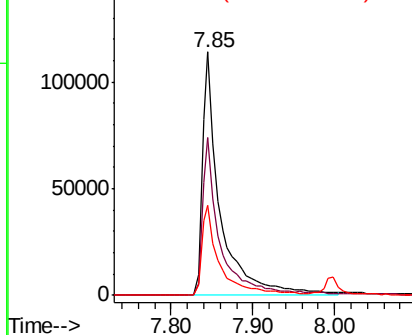


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.385 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

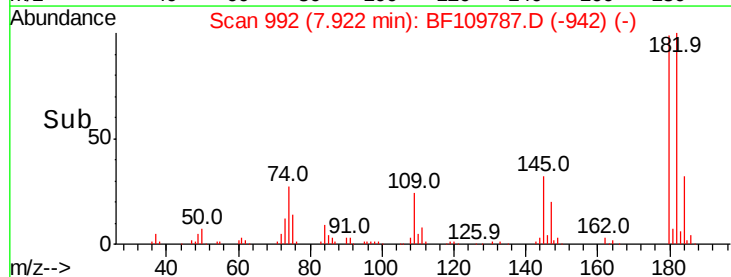
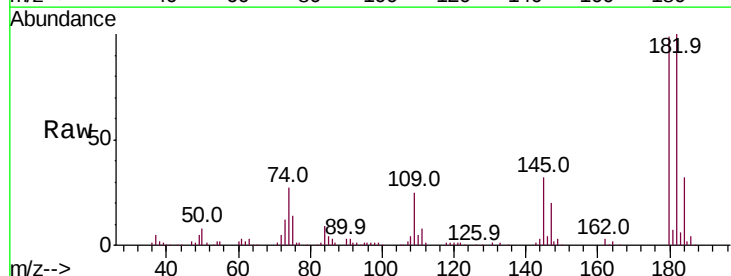
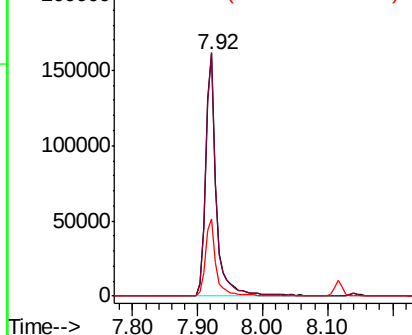
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	100.6	80.3	120.5
145	32.0	25.4	38.0

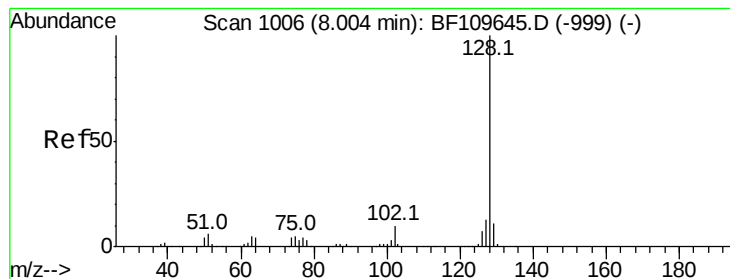
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.094 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

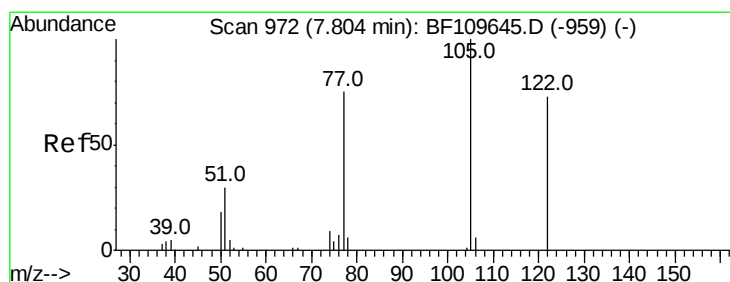
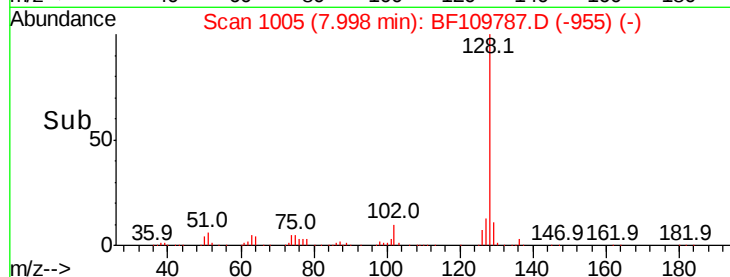
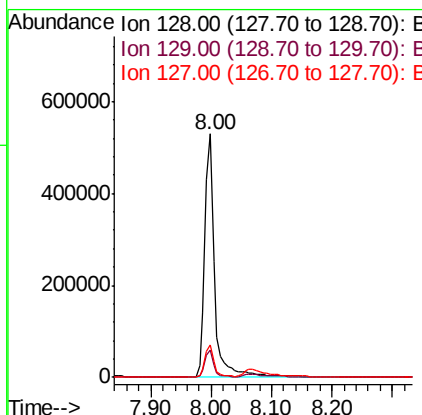
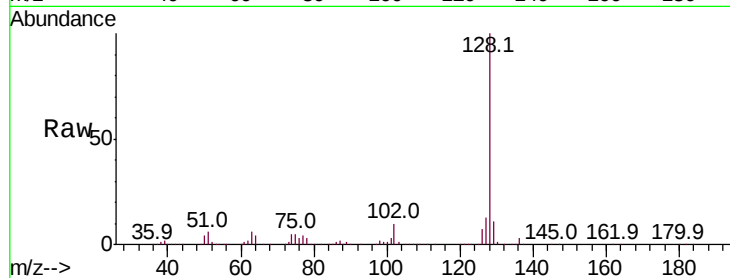
ClientSampleId :

S-23MS

Tot Ion:	128	Resp:	607085
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 62.931 ng

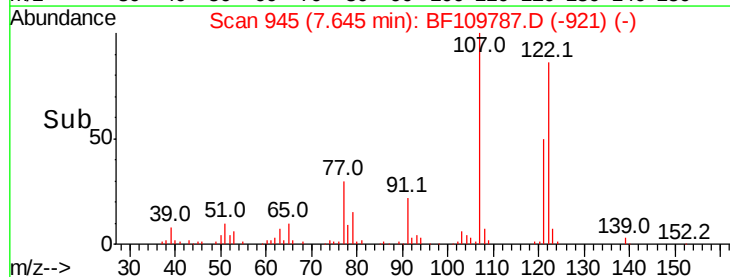
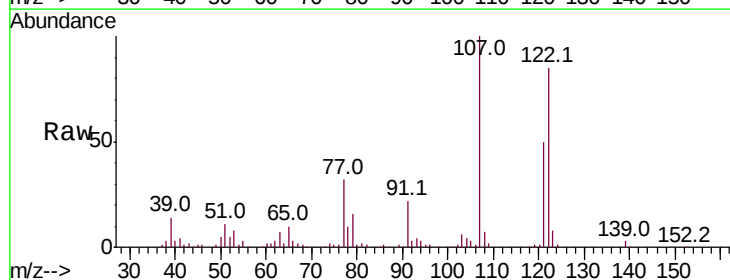
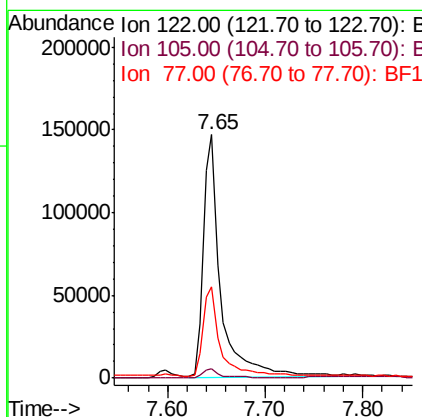
RT: 7.65 min Scan# 945

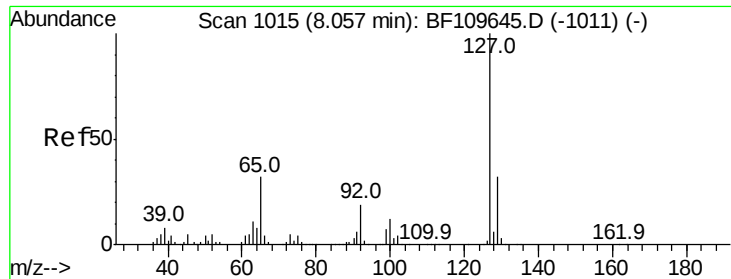
Delta R.T. -0.16 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:	122	Resp:	183254
Ion Ratio	Lower	Upper	
122	100		
105	3.9	109.0	149.0#
77	37.5	79.0	119.0#





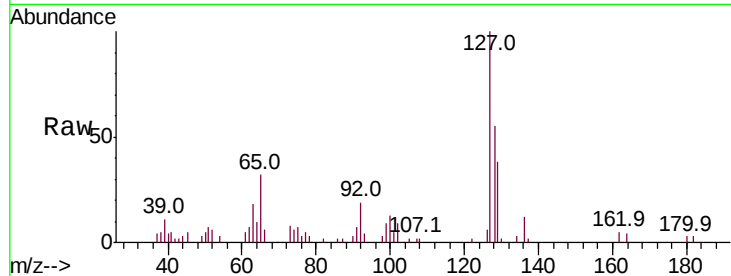
#33
4-Chloroaniline
Concen: 9.409 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.5	26.0	39.0
65	32.3	25.1	37.7
92	19.2	15.0	22.6

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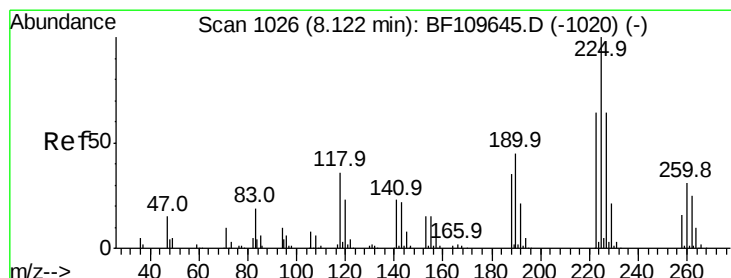
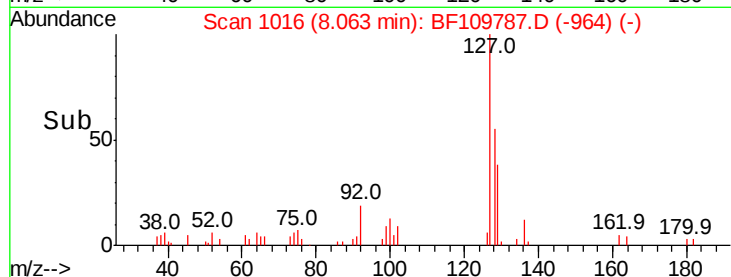
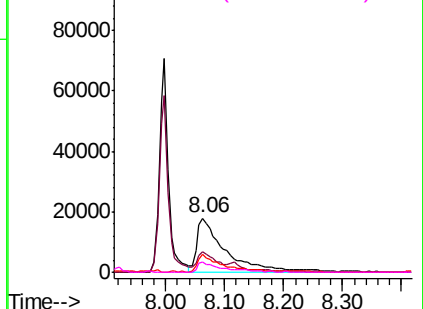
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.009 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

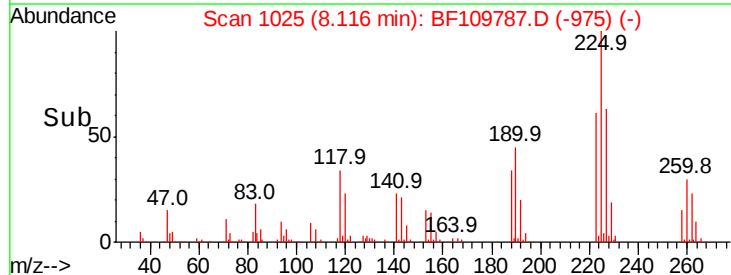
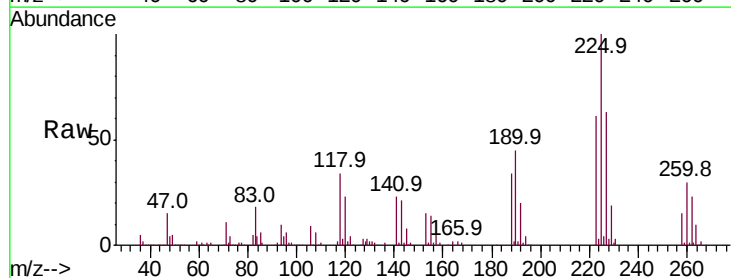
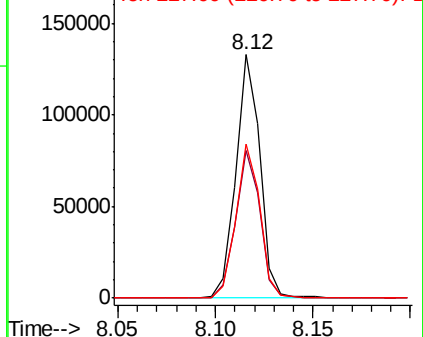
Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.4	77.2
227	63.1	51.0	76.6

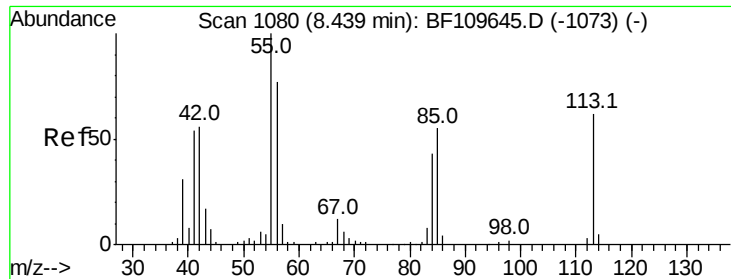
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





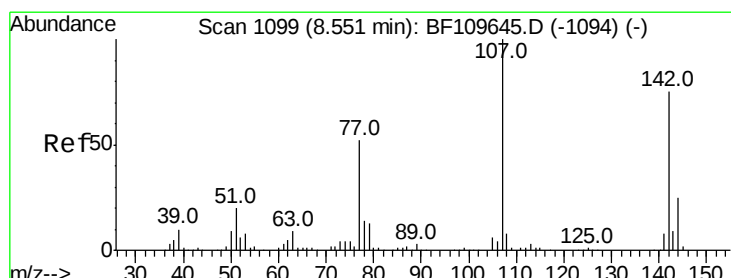
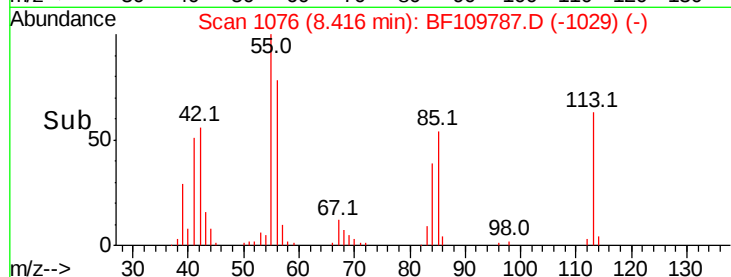
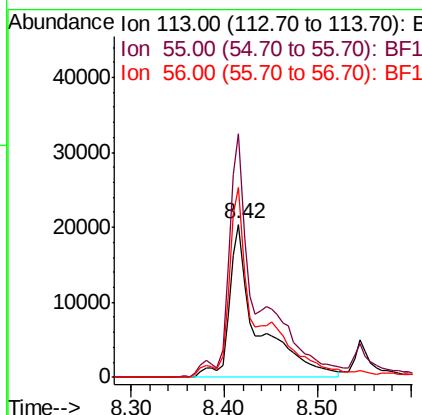
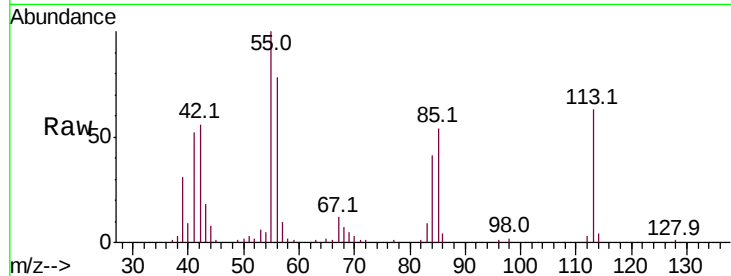
#35
Caprolactam
Concen: 31.432 ng/ml
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleID :
S-23MS

Tot Ion:113 Resp: 42884
Ion Ratio Lower Upper
113 100
55 159.1 142.8 182.8
56 124.3 105.0 145.0

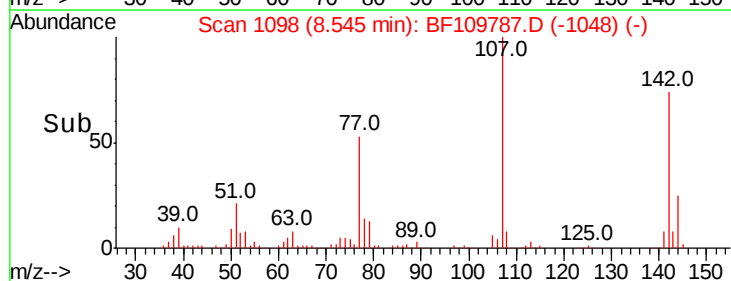
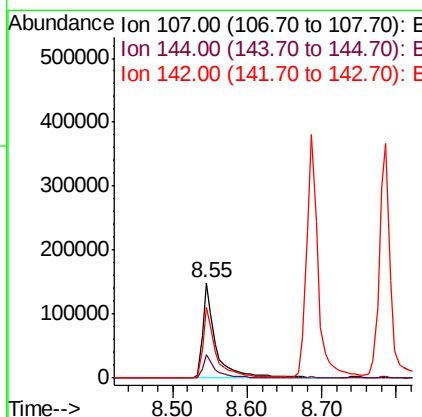
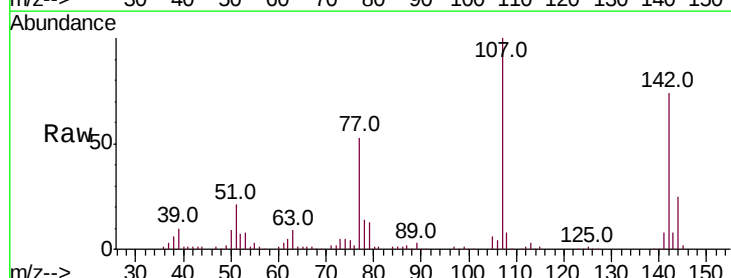
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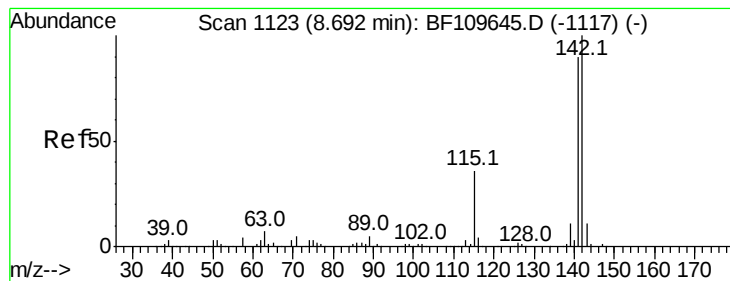
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#36
4-Chloro-3-methylphenol
Concen: 39.171 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion:107 Resp: 188898
Ion Ratio Lower Upper
107 100
144 24.6 20.0 30.0
142 73.9 59.7 89.5





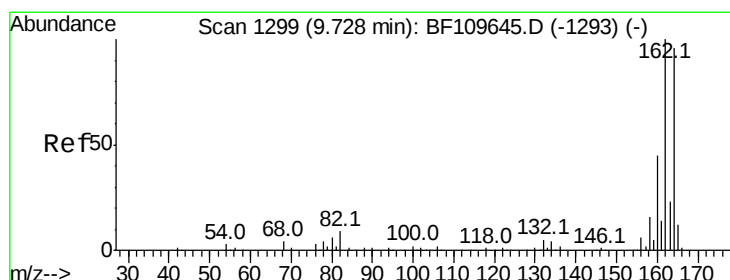
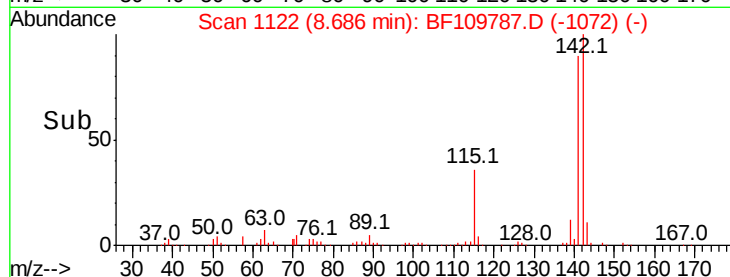
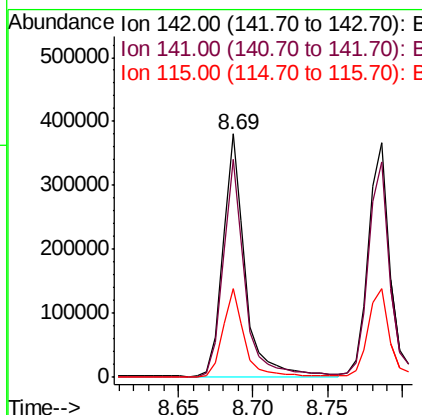
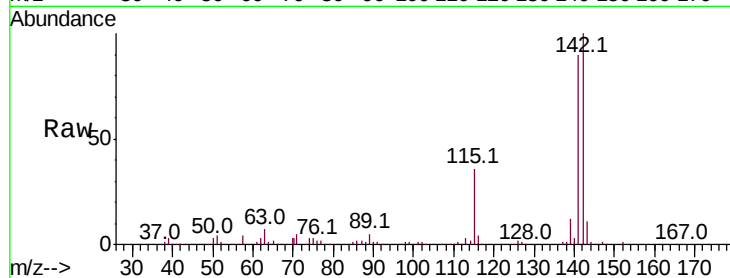
#37
2-Methylnaphthalene
Concen: 41.386 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	36.5	28.7	43.1

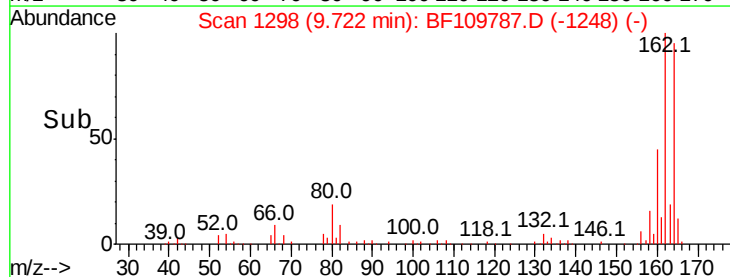
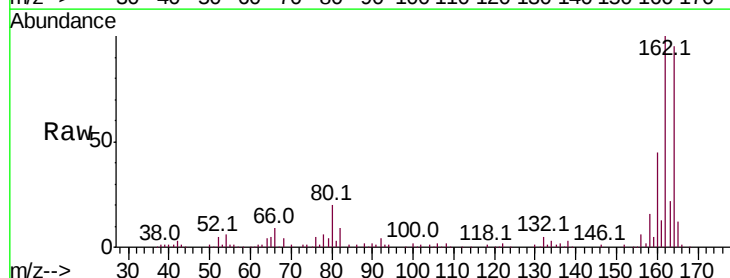
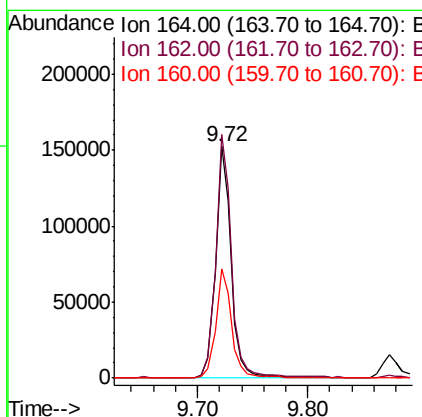
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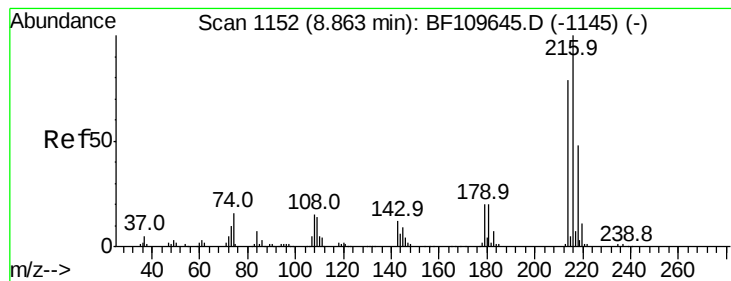
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.0	124.6
160	47.2	37.0	55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.175 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

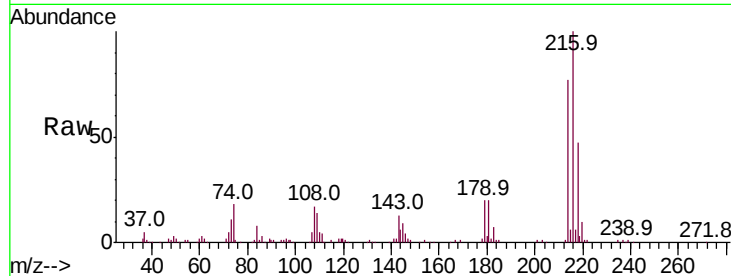
ClientSampleId :

S-23MS

Tot Ion:	216	Resp:	189723
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.8	95.6
179	20.8	16.6	25.0
108	20.8	15.1	22.7

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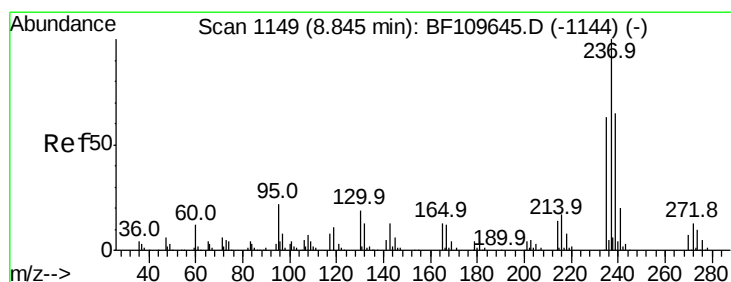
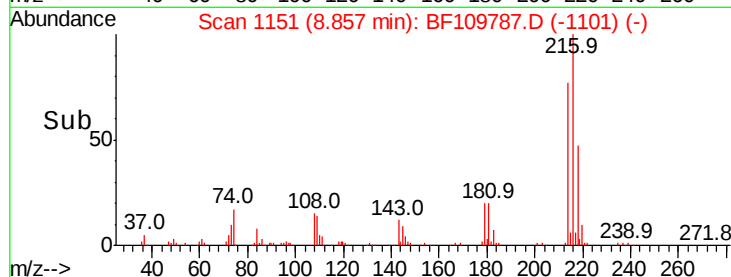
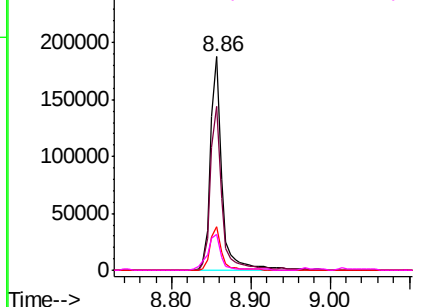
Abundance

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: 67.303 ng

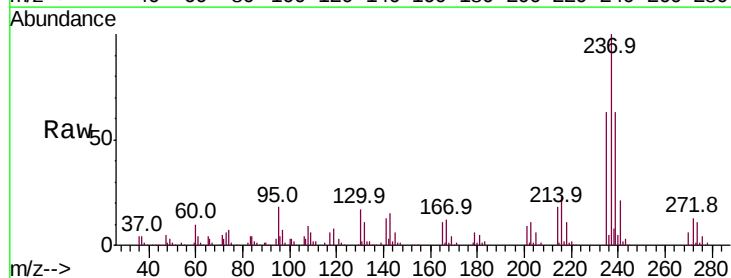
RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:	237	Resp:	147592
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.1	83.1
272	12.5	0.0	32.6

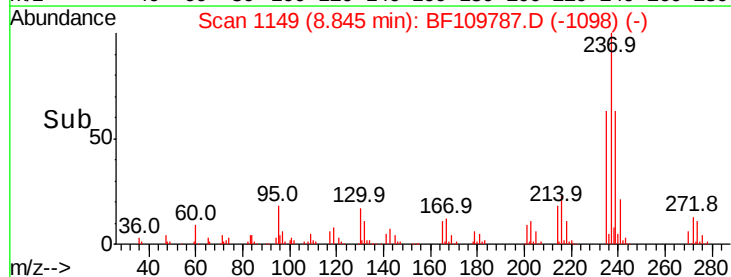
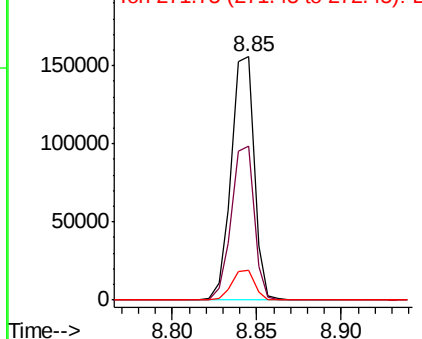


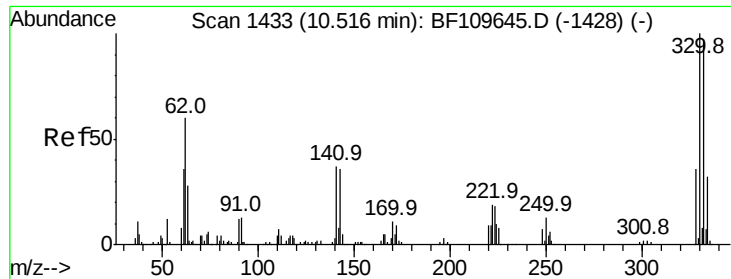
Abundance

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





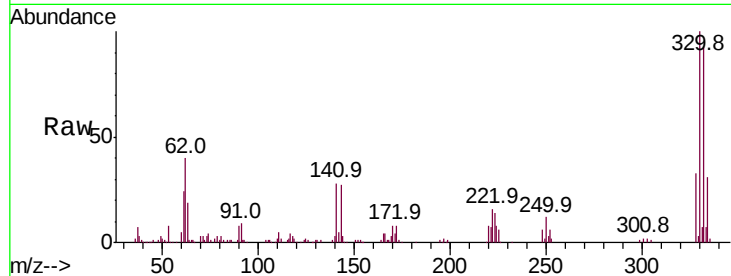
#41
 2,4,6-Tribromophenol
 Concen: 104.722 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampled :
 S-23MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.1	115.7
141	33.4	27.0	40.4

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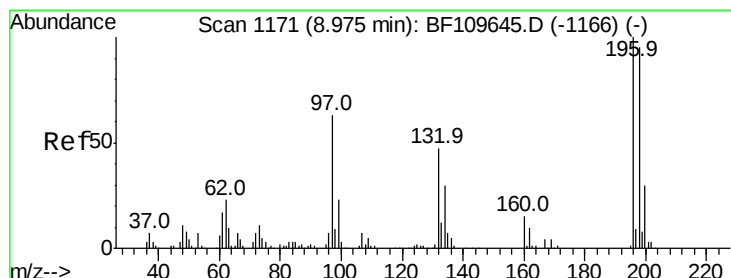
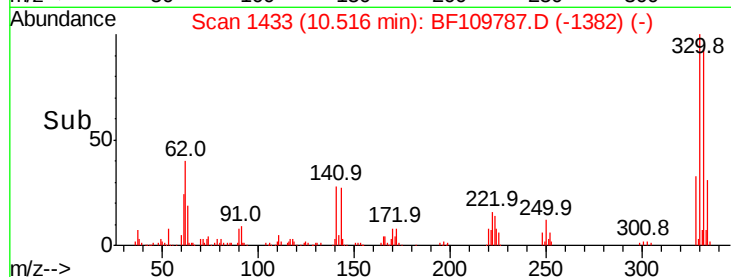
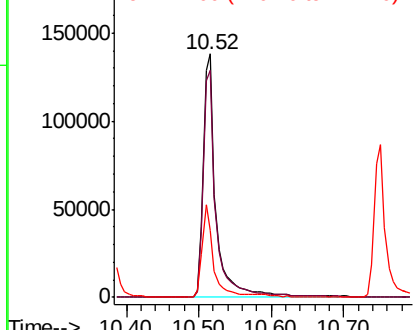


Abundance

Ion 329.80 (329.50 to 330.50): E

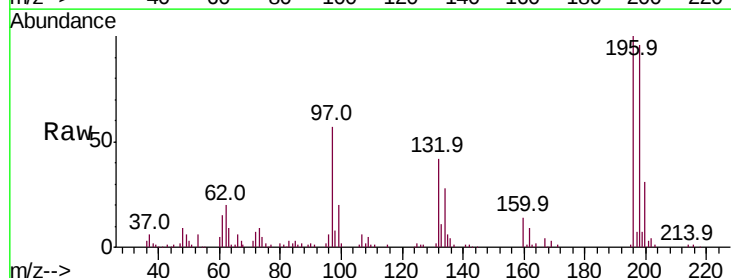
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 36.988 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.4
200	31.2	24.4	36.6

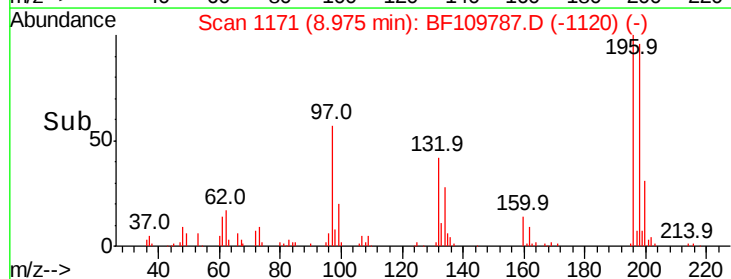
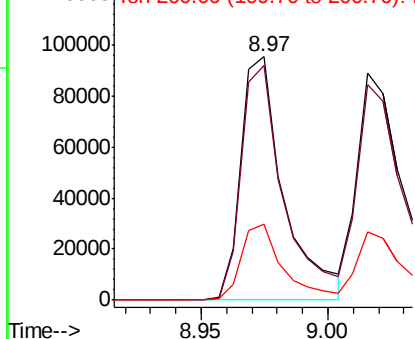


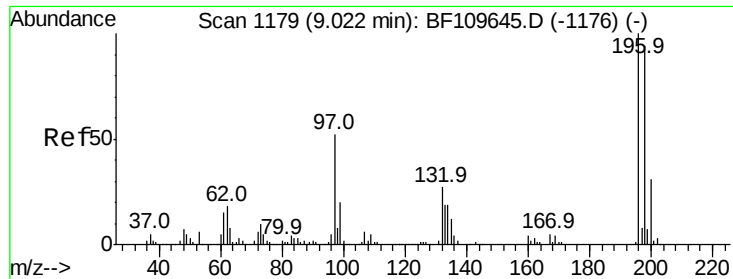
Abundance

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





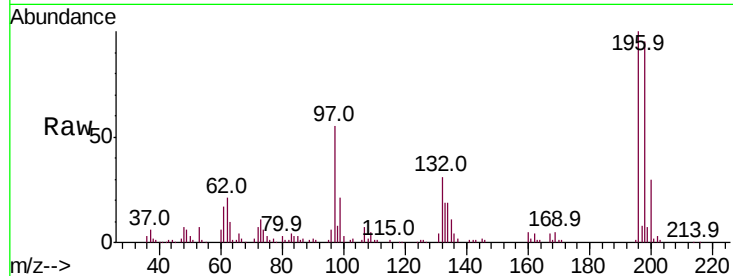
#43
2,4,5-Trichlorophenol
Concen: 37.187 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130445		
198	95.3	75.8	113.6	
97	55.2	42.4	63.6	
132	30.8	22.8	34.2	

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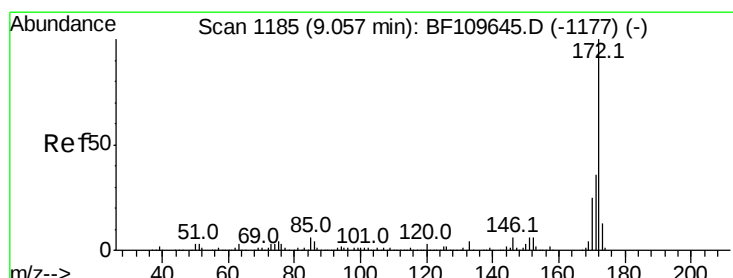
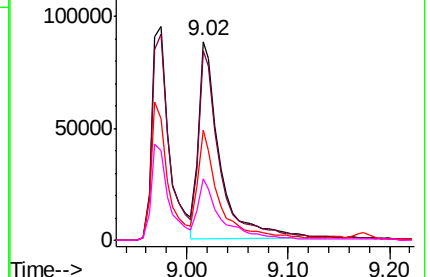
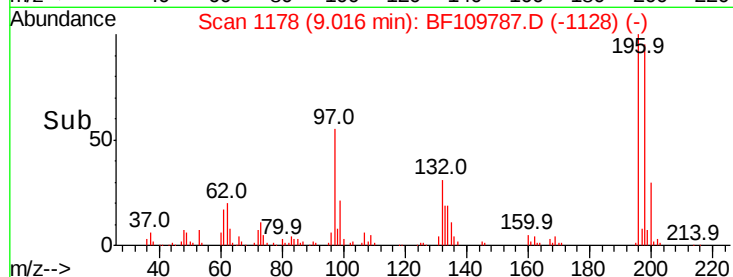
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

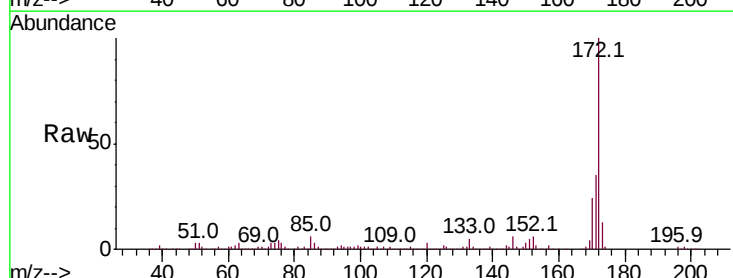
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 72.447 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	788644		
171	35.2	28.6	43.0	
170	23.9	19.7	29.5	

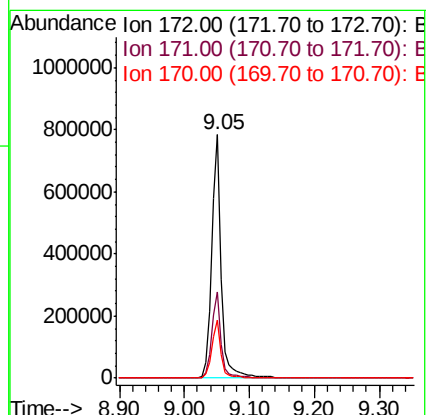
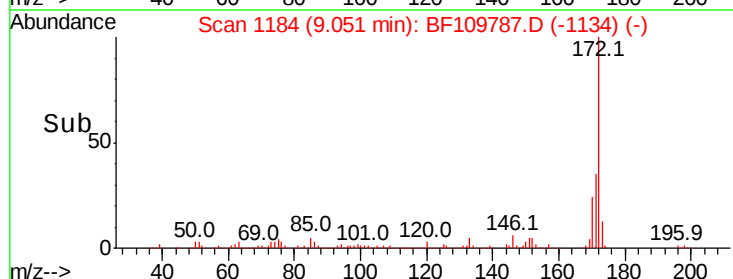


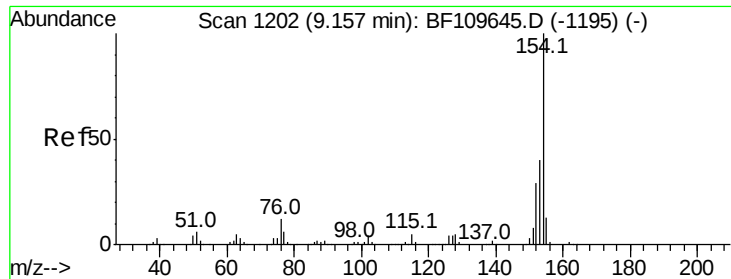
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.683 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

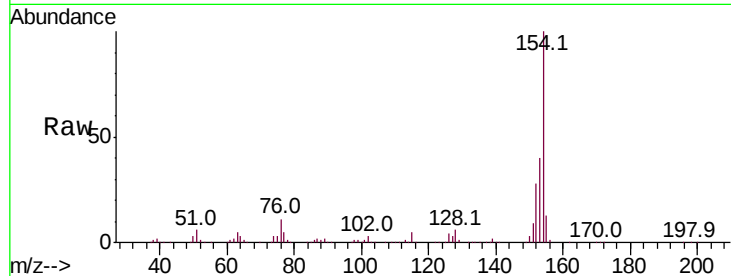
ClientSampleId :

S-23MS

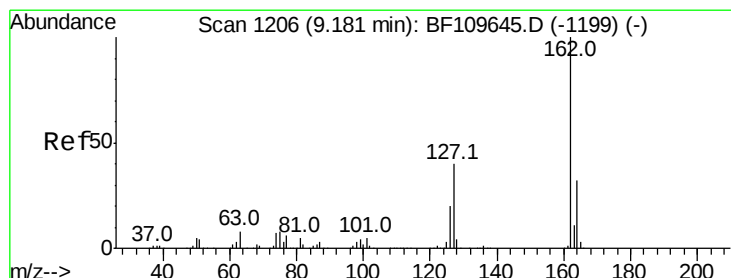
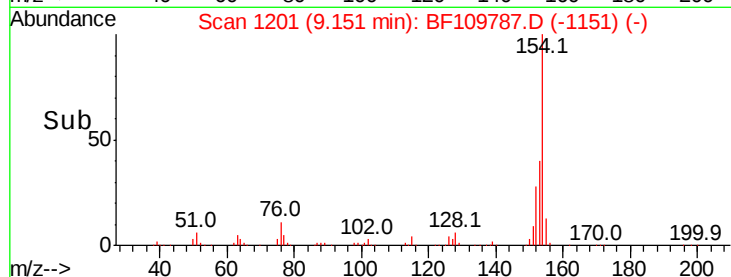
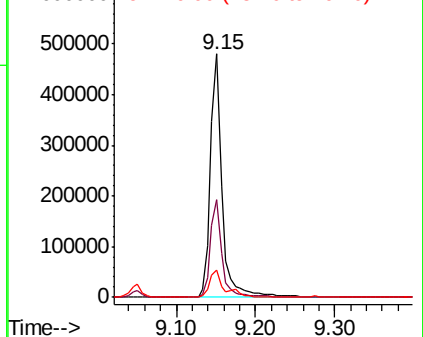
Tot Ion:	154	Resp:	491311
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.4	60.4
76	11.2	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 37.665 ng

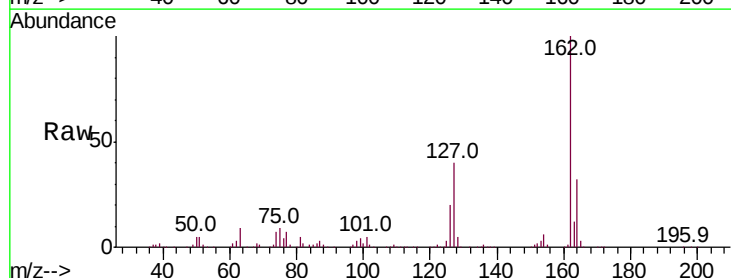
RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

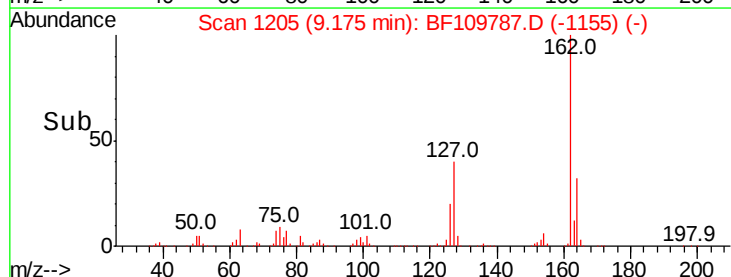
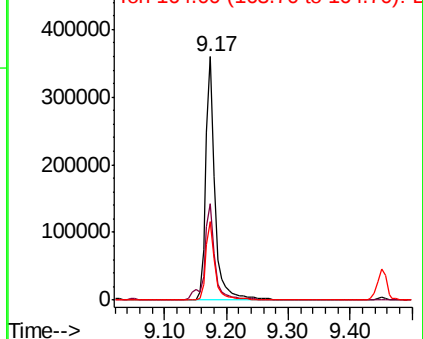
Lab File: BF109787.D

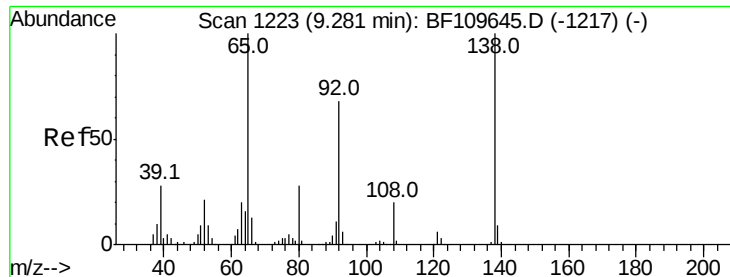
Acq: 11 Oct 2018 15:24

Tgt Ion:	162	Resp:	377942
Ion Ratio	Lower	Upper	
162	100		
127	39.6	32.6	48.8
164	32.1	25.9	38.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.479 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

ClientSampleId :

S-23MS

Tot Ion: 65 Resp: 119949

Ion Ratio Lower Upper

65 100

92 69.0 54.6 81.8

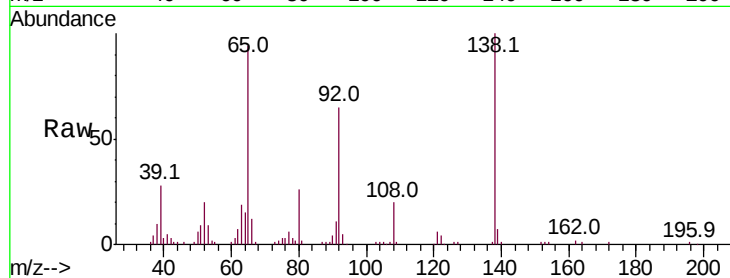
138 106.4 80.3 120.5

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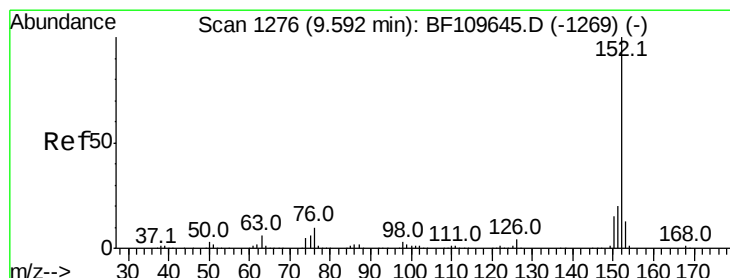
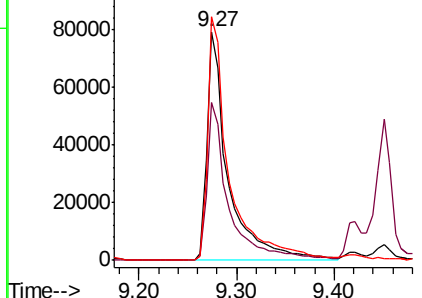
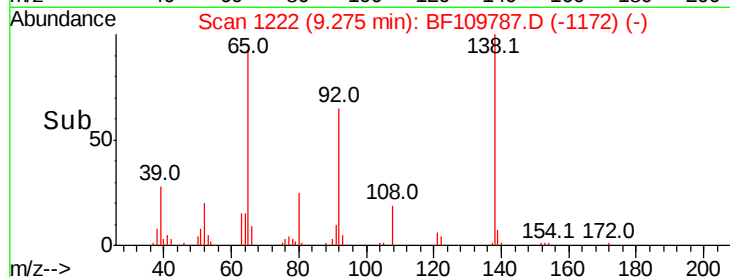
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Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 40.625 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

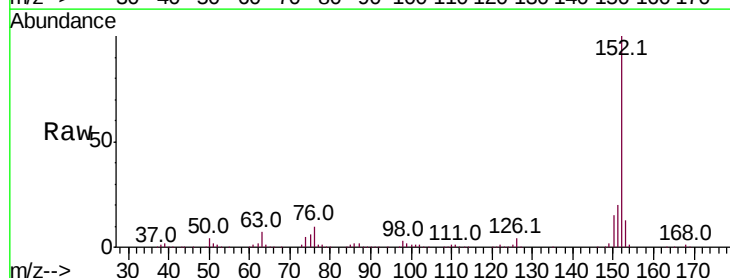
Tgt Ion: 152 Resp: 594289

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

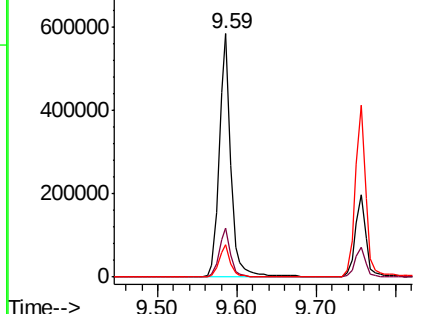
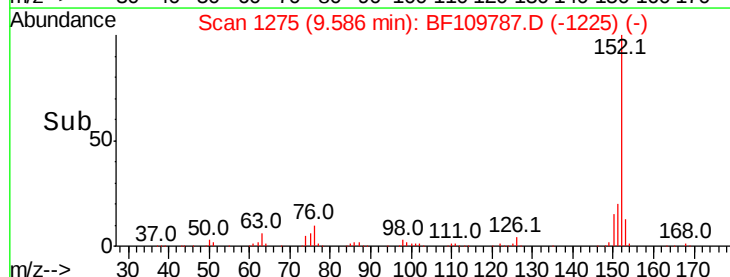
153 13.4 10.4 15.6

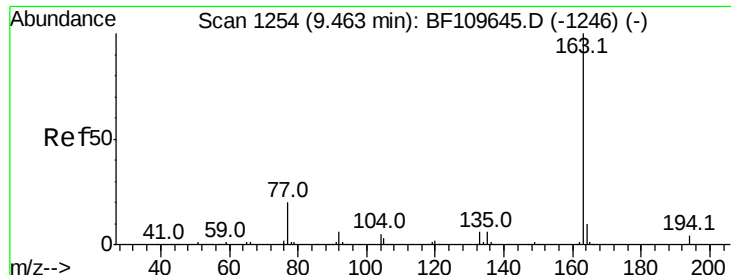


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





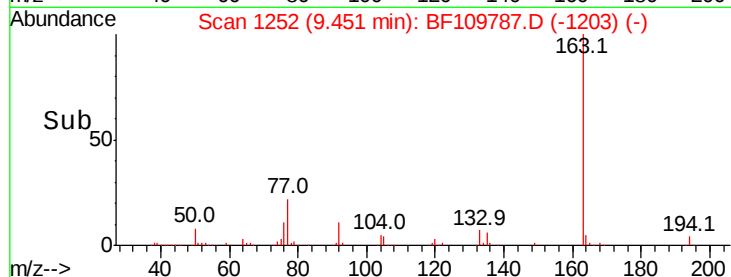
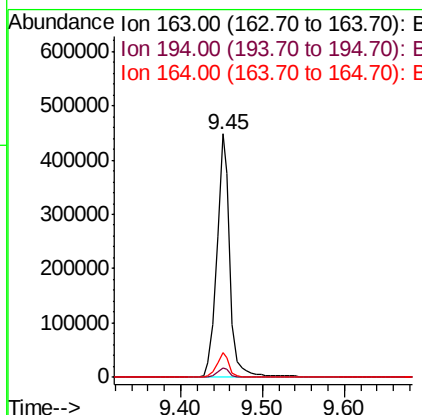
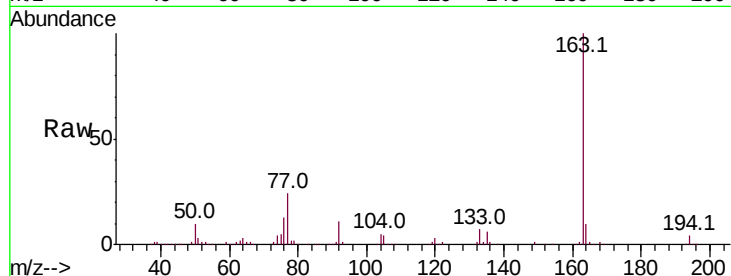
#49
Dimethylphthalate
Concen: 45.601 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	501408		
194	3.6		3.2	4.8
164	10.1		8.1	12.1

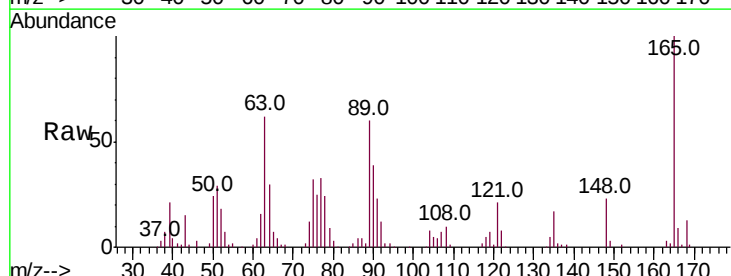
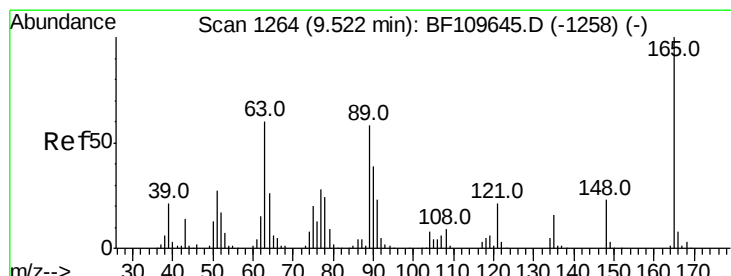
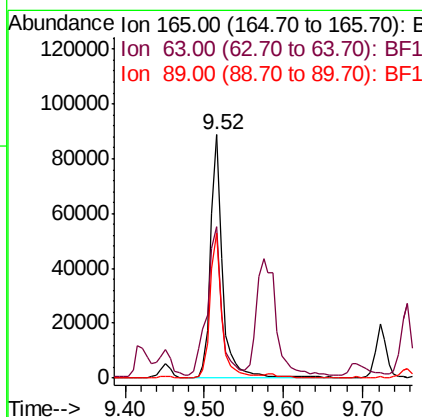
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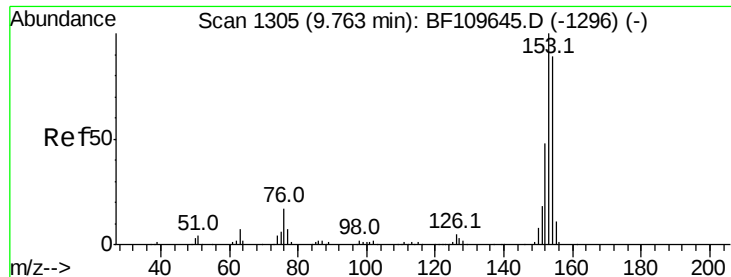
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#50
2,6-Dinitrotoluene
Concen: 39.140 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	93289		
63	62.0		48.9	73.3
89	59.7		46.6	69.8





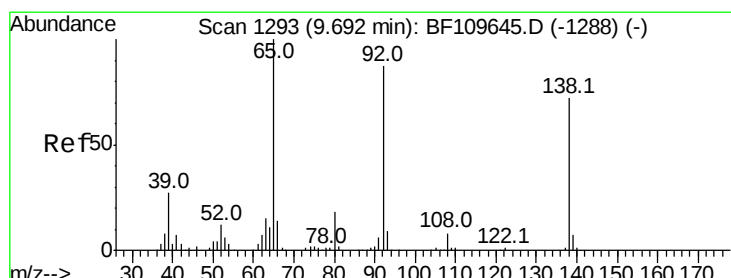
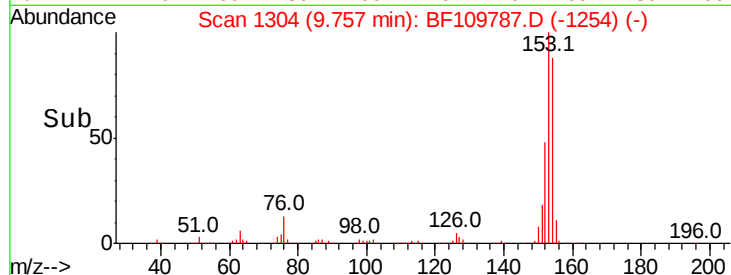
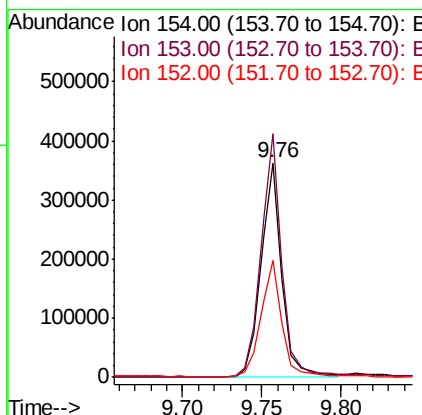
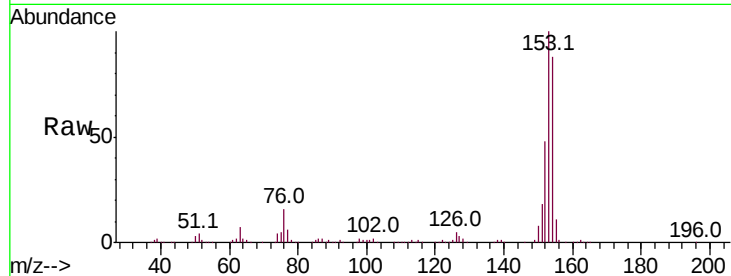
#51
Acenaphthene
Concen: 38.330 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.1	135.1
152	54.2	43.4	65.2

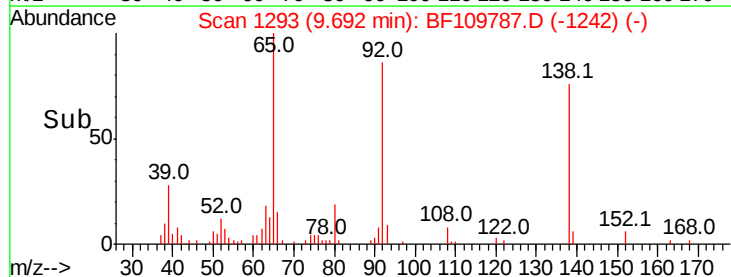
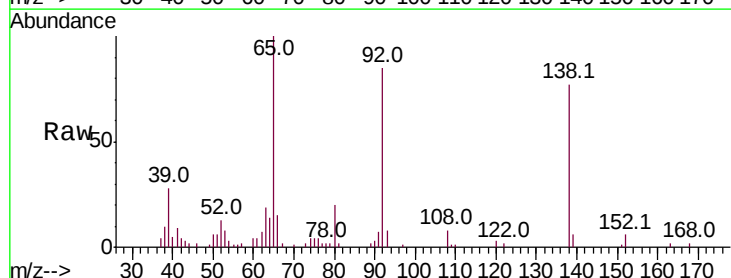
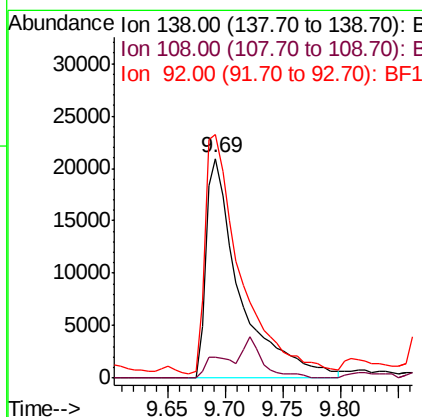
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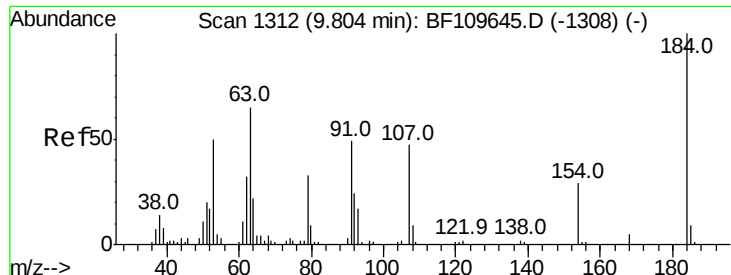
Sohil
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#52
3-Nitroaniline
Concen: 16.156 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	110.8	97.0	145.4





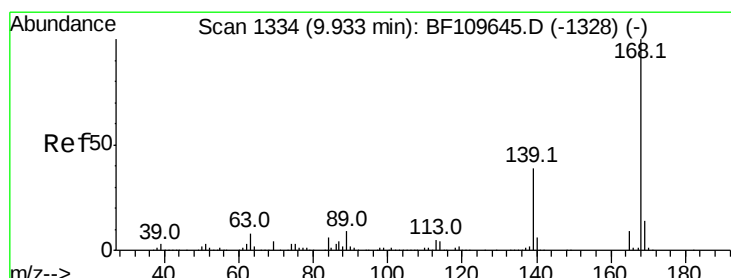
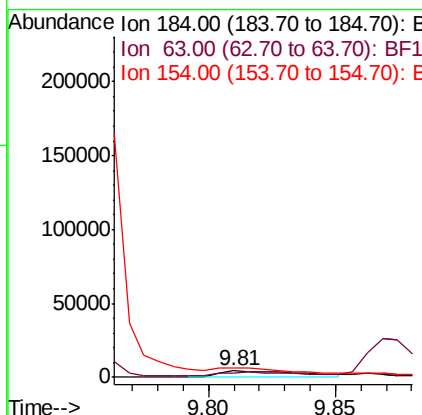
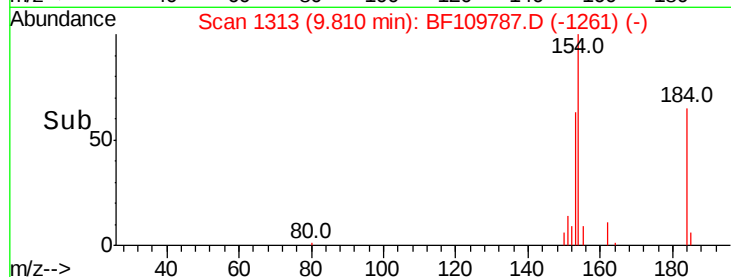
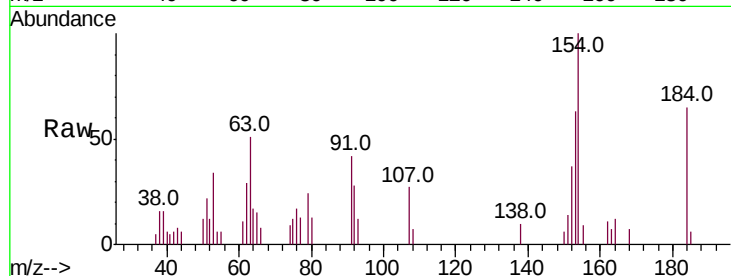
#53
 2,4-Dinitrophenol
 Concen: 12.873 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampled :
 S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	78.0	55.8	83.6	
154	152.7	63.2	94.8#	

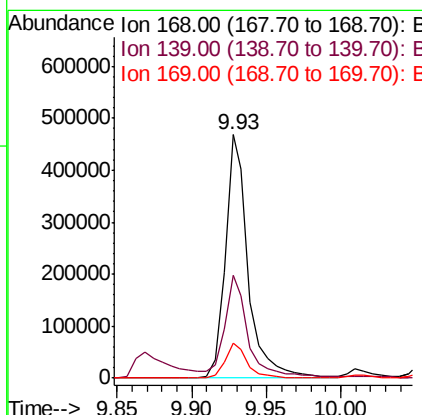
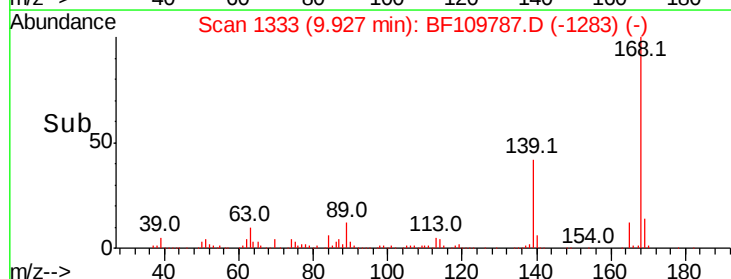
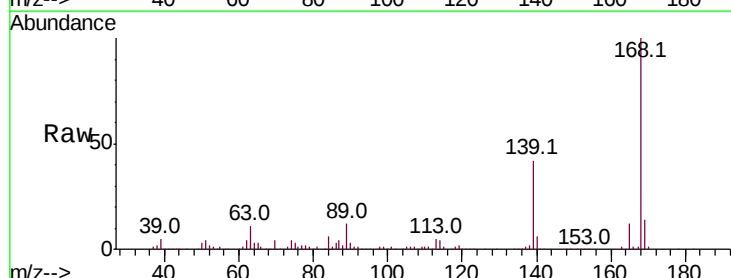
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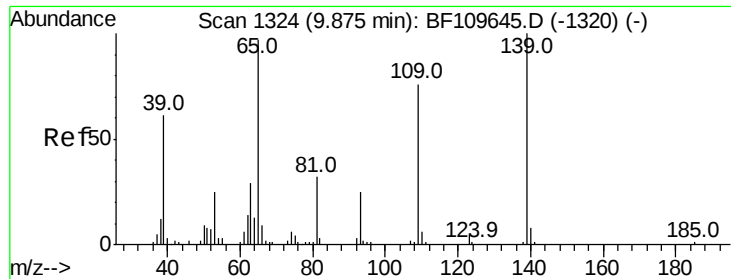
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#54
 Dibenzofuran
 Concen: 38.719 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.2	33.0	49.6	
169	14.2	11.3	16.9	





#55

4-Nitrophenol

Concen: 58.010 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

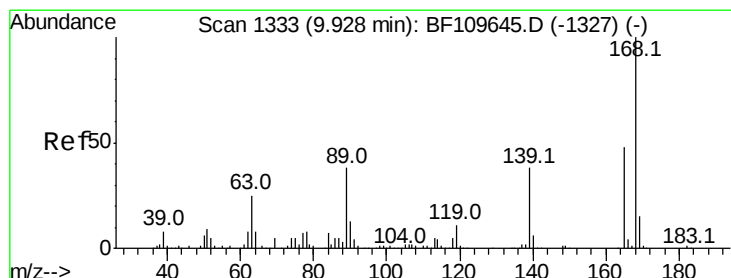
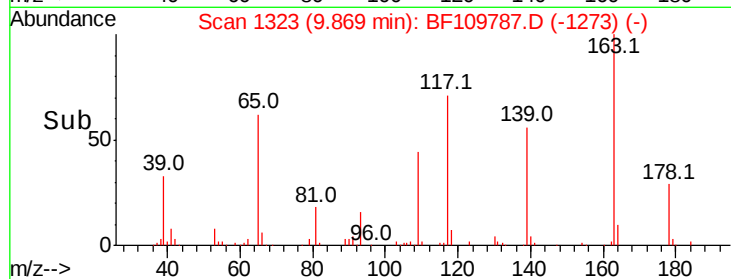
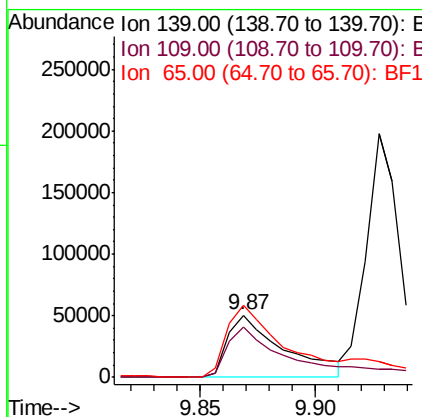
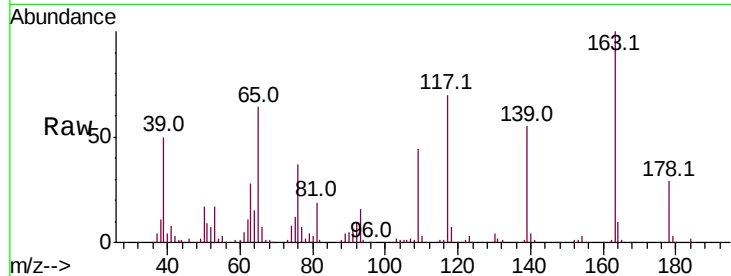
ClientSampled :

S-23MS

Tot Ion:	139	Resp:	84837
Ion Ratio	Lower	Upper	
139	100		
109	80.5	55.8	95.8
65	116.1	77.9	117.9

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#56

2,4-Dinitrotoluene

Concen: 40.110 ng

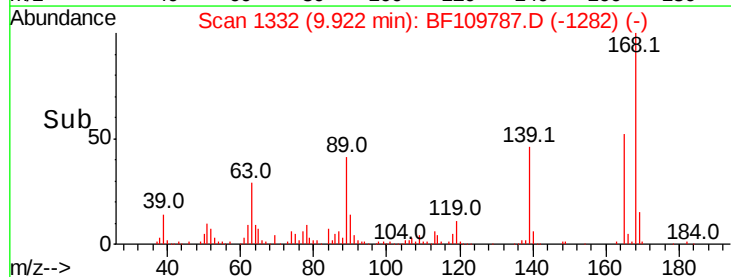
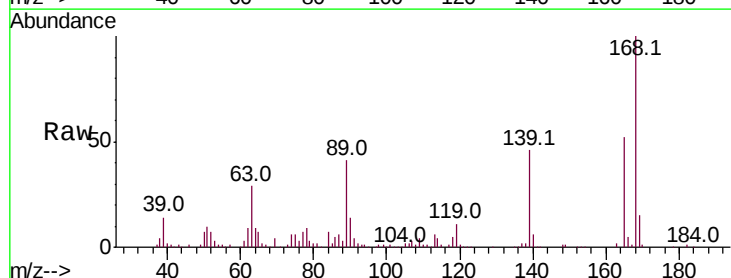
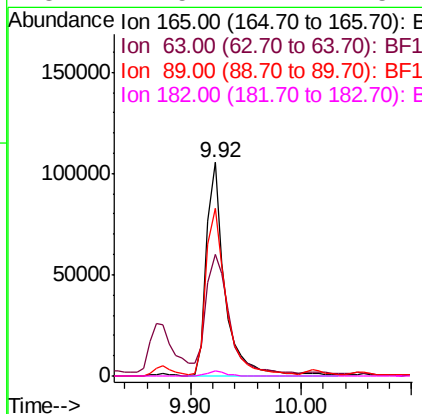
RT: 9.92 min Scan# 1332

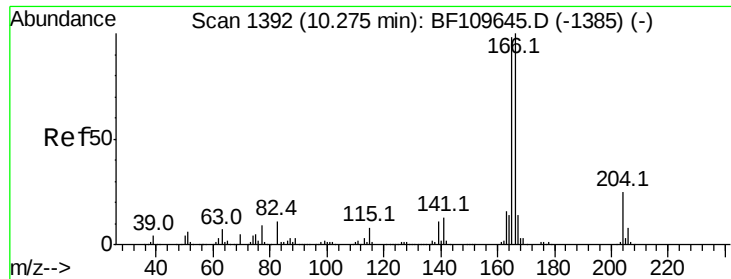
Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:	165	Resp:	119305
Ion Ratio	Lower	Upper	
165	100		
63	56.7	44.8	67.2
89	78.8	62.2	93.4
182	2.5	2.1	3.1





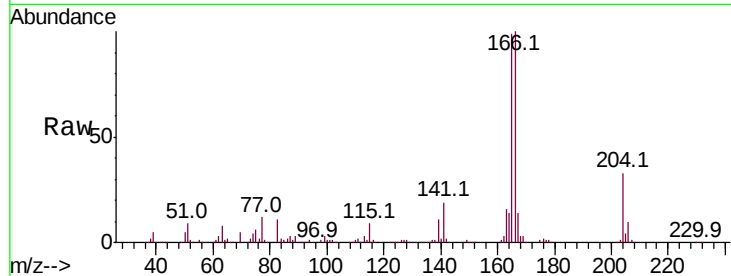
#57
Fluorene
Concen: 41.049 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	398482		
165	98.7		78.6	117.8
167	13.6		10.8	16.2

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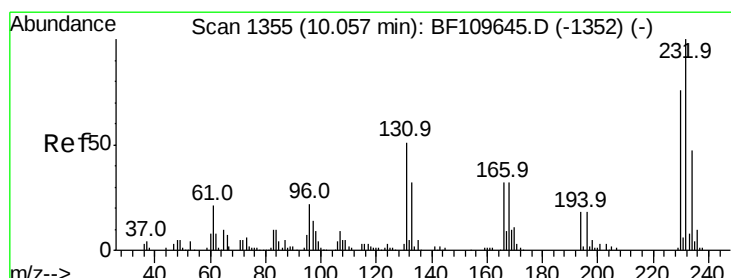
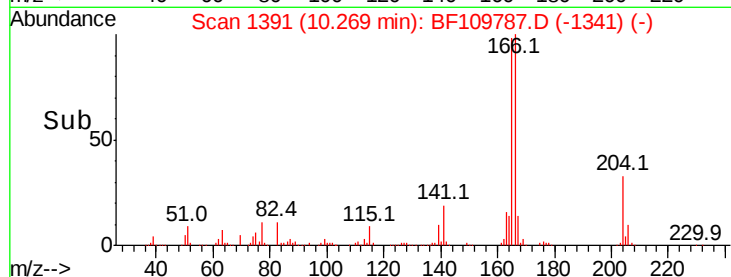
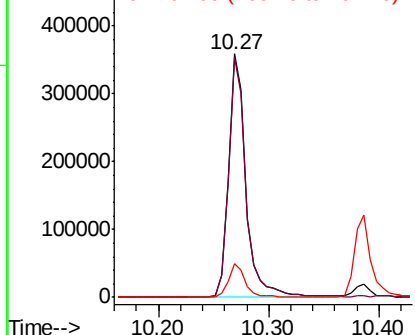


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58
2,3,4,6-Tetrachlorophenol
Concen: 37.060 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	105677		
131	44.2		37.0	55.4
130	2.0		1.8	2.6
166	26.0		22.0	33.0

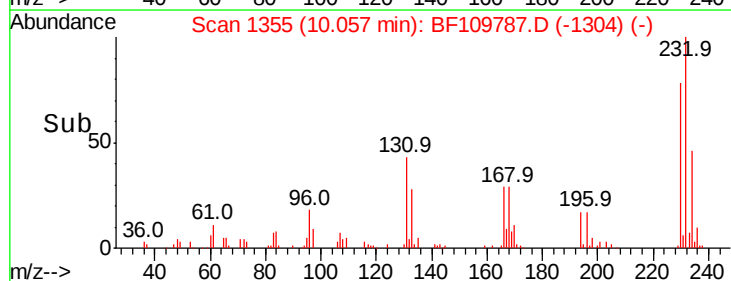
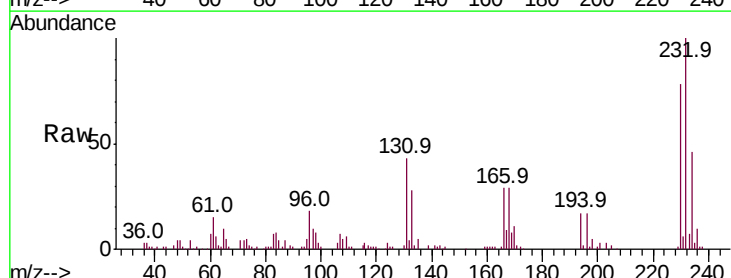
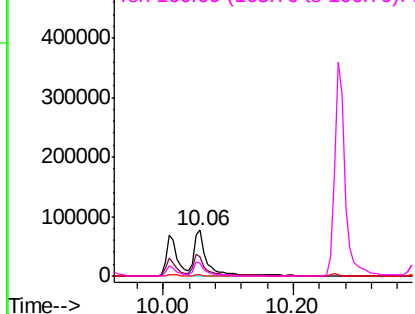
Abundance

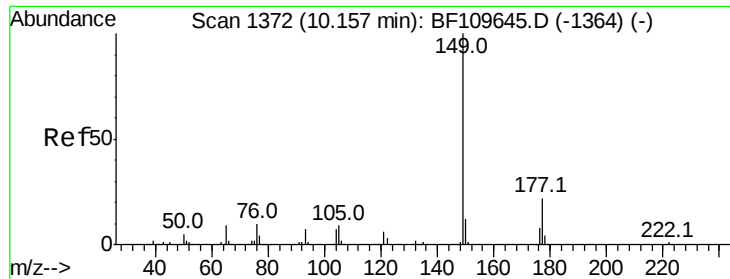
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





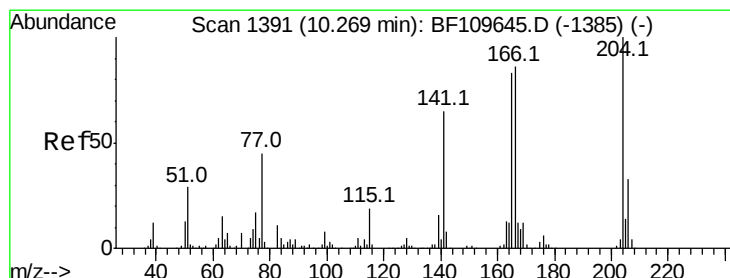
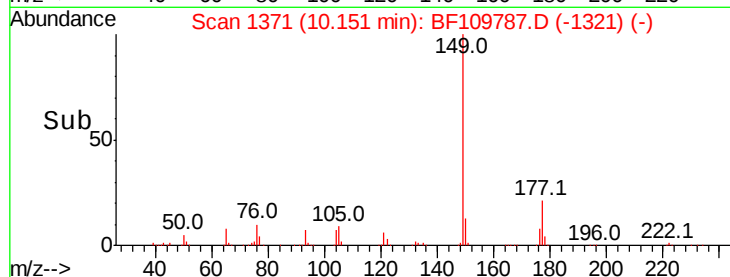
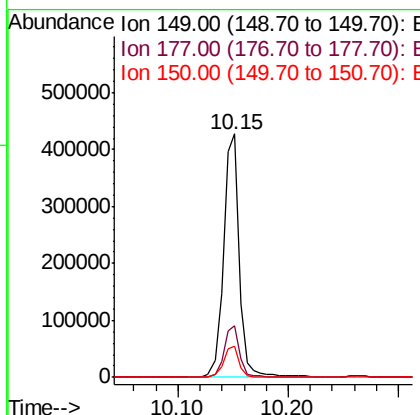
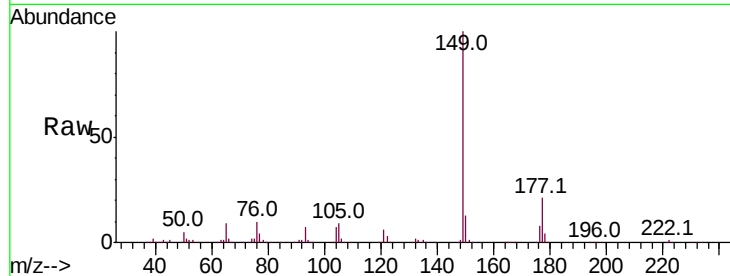
#59
Diethylphthalate
Concen: 39.347 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.6	9.8	14.8

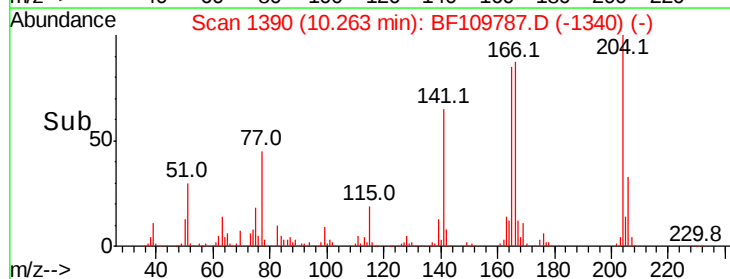
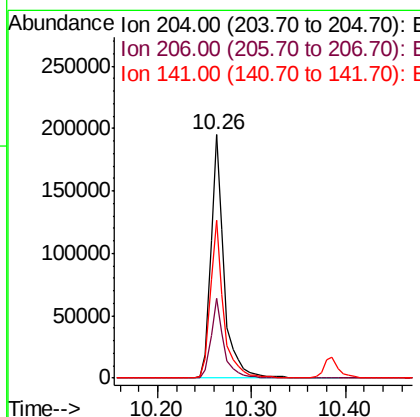
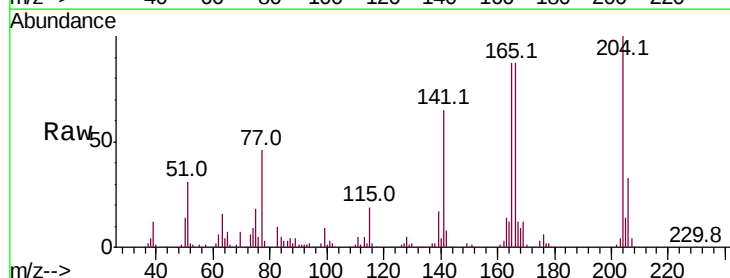
Manual Integrations
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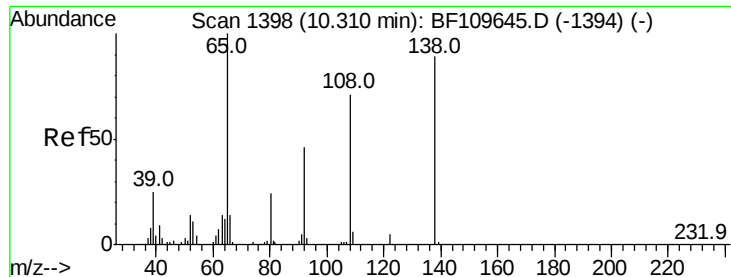
Sohil
10/12/2018 11:01:20 AM



#60
4-Chlorophenyl-phenylether
Concen: 37.867 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	64.8	51.8	77.8





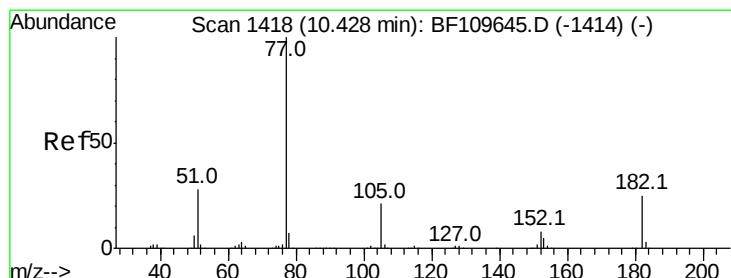
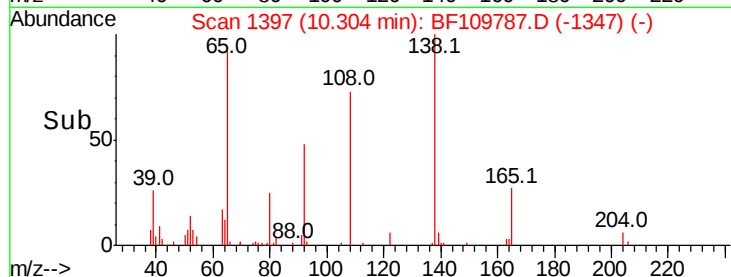
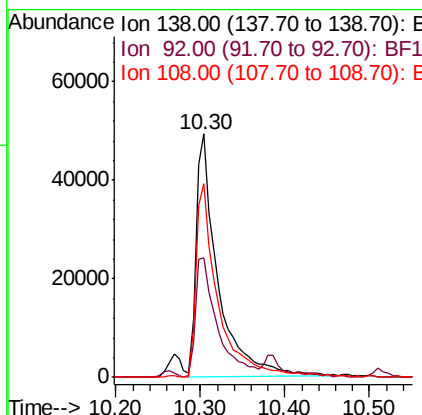
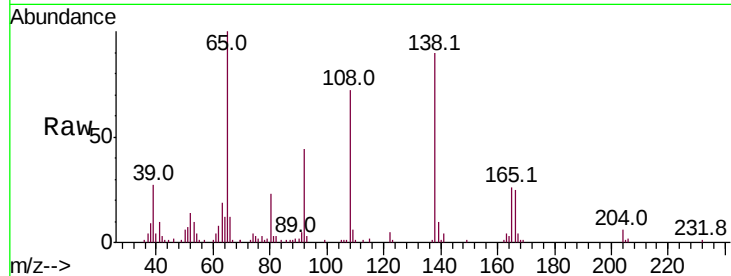
#61
4-Nitroaniline
Concen: 34.781 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	31.7	71.7
108	79.4	59.3	99.3

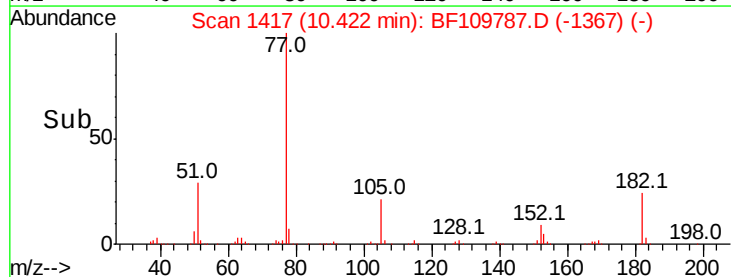
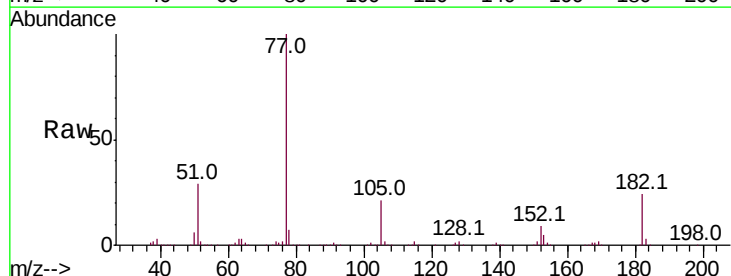
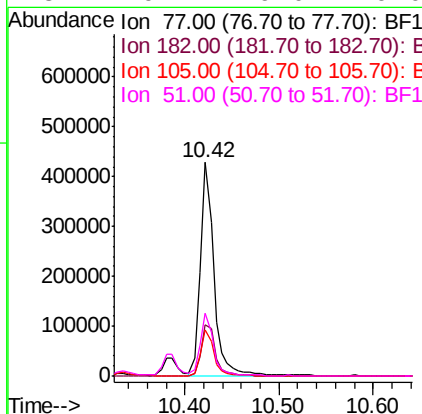
Manual Integrations
APPROVED

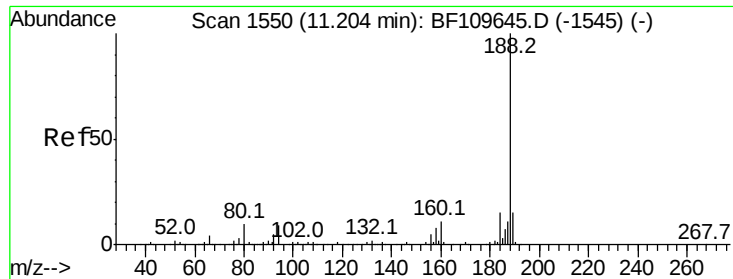
Sohil
10/12/2018 11:01:20 AM



#62
Azobenzene
Concen: 38.917 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.3	44.3
105	21.3	1.3	41.3
51	29.2	9.0	49.0





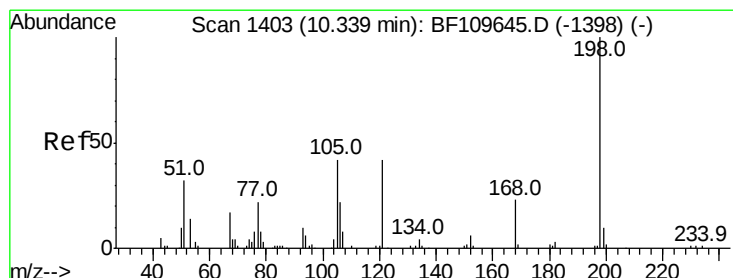
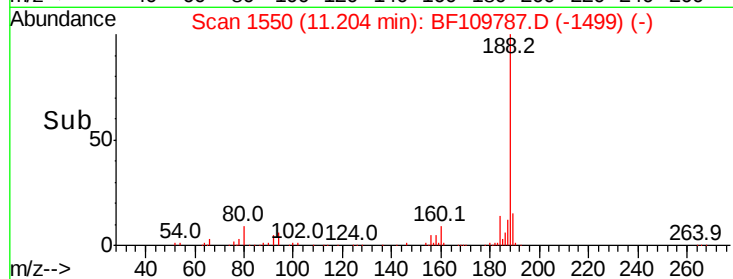
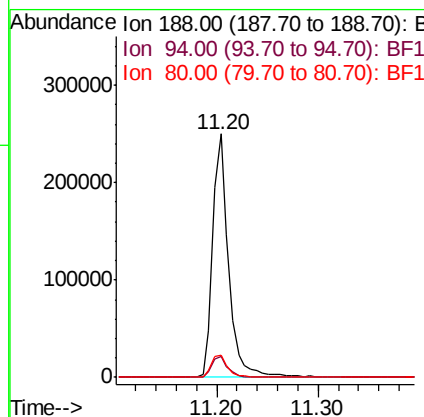
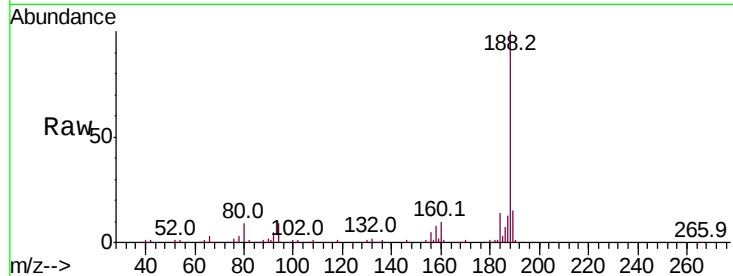
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	273286		
94	8.6		7.2	10.8
80	9.1		7.9	11.9

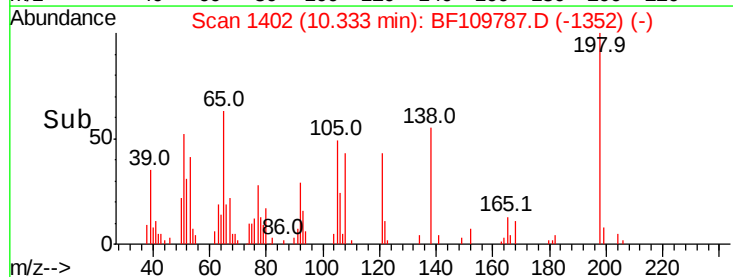
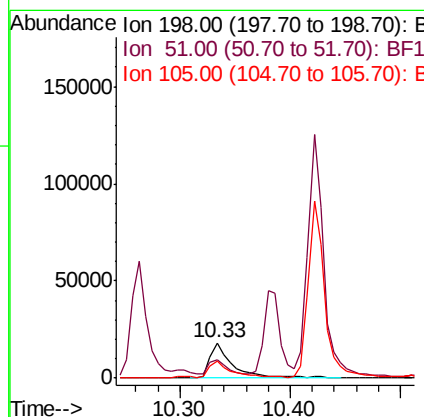
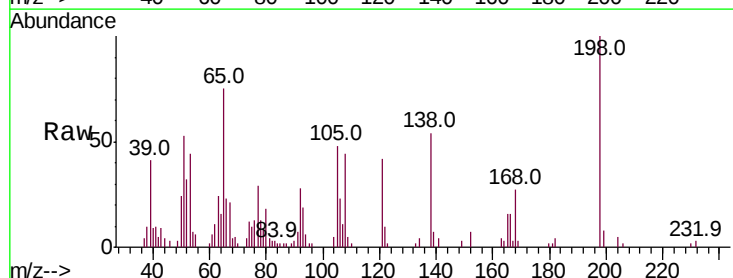
Manual Integrations
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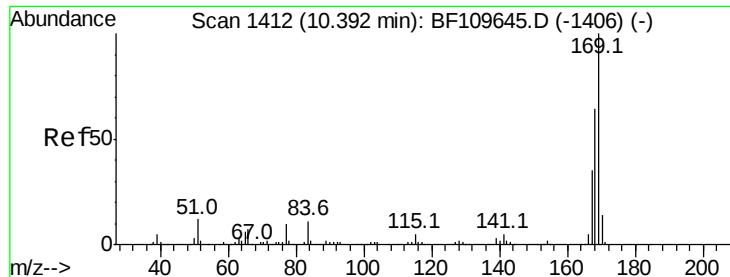
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.259 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25617		
51	53.1		22.8	62.8
105	47.5		23.6	63.6





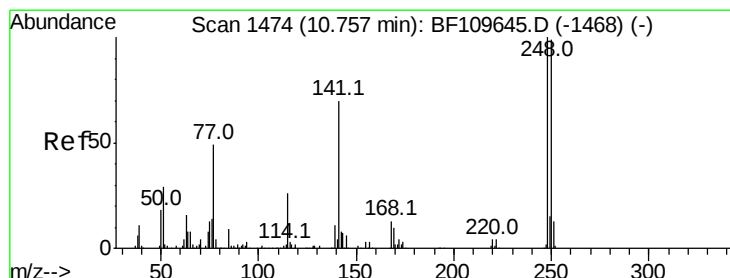
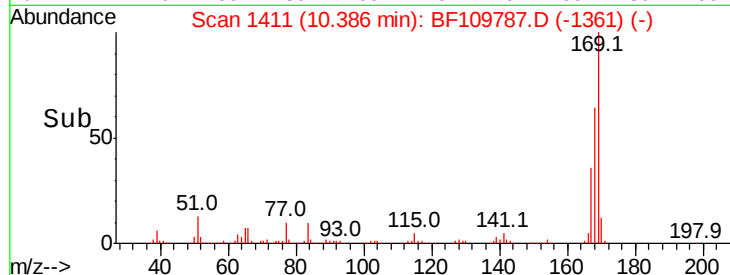
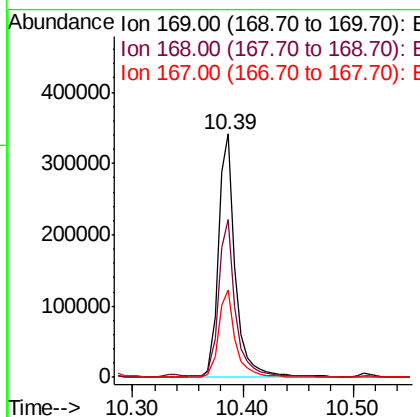
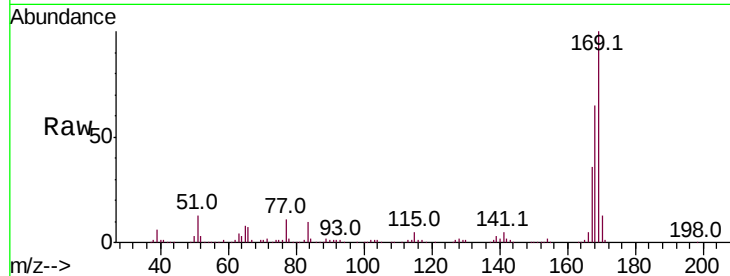
#65
n-Nitrosodiphenylamine
Concen: 39.074 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	362003		
168	64.7		51.2	76.8
167	35.7		27.8	41.6

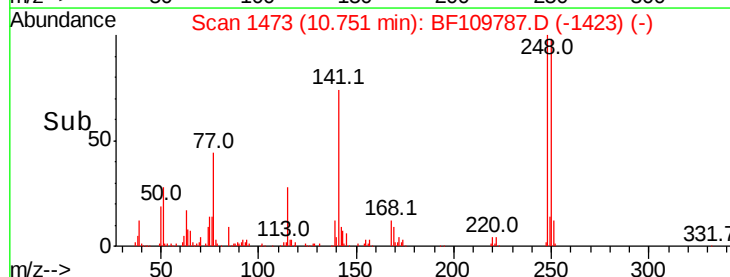
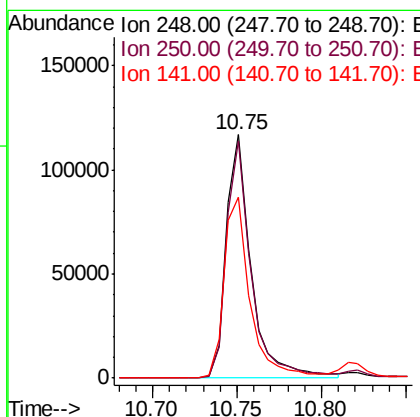
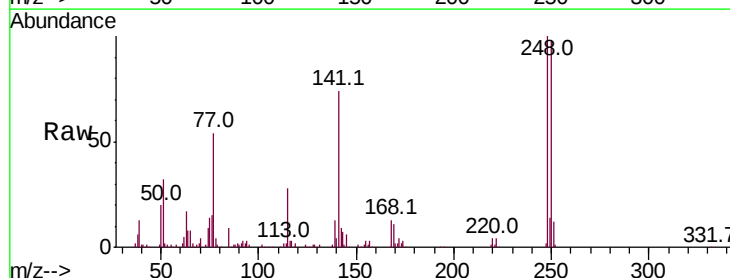
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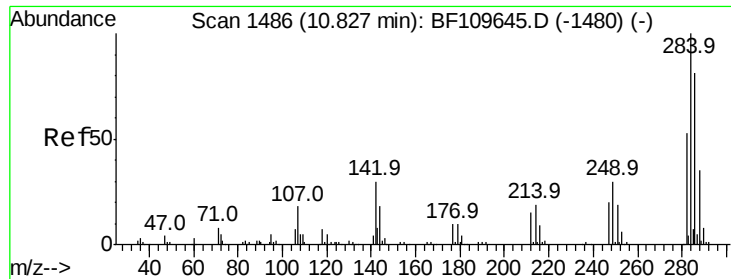
Sohil
10/12/2018 11:01:20 AM



#66
4-Bromophenyl-phenylether
Concen: 38.396 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	120567		
250	97.6		79.4	119.2
141	74.5		55.9	83.9





#67

Hexachlorobenzene

Concen: 37.758 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

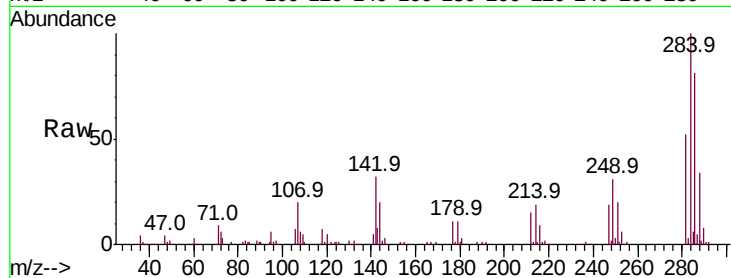
ClientSampleId :

S-23MS

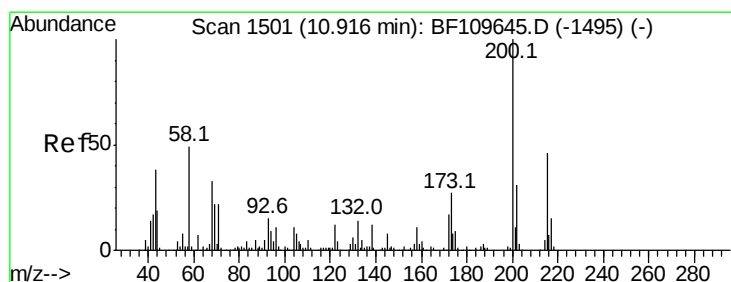
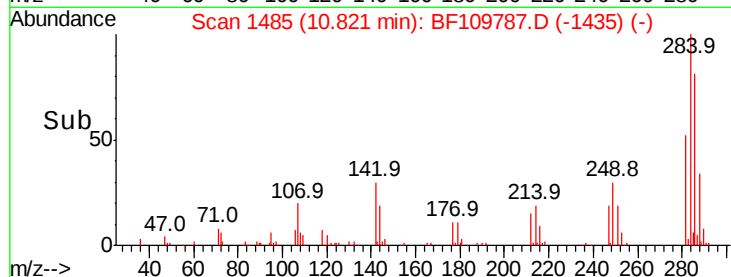
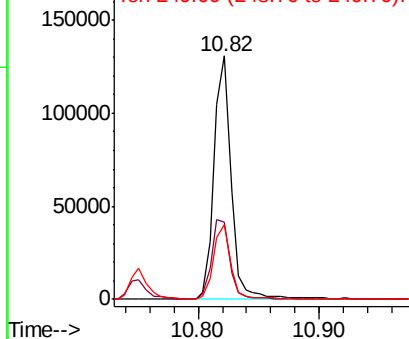
Tot Ion:	284	Resp:	128386
Ion Ratio	Lower	Upper	
284	100		
142	31.6	23.9	35.9
249	30.8	24.2	36.2

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



#68

Atrazine

Concen: 38.209 ng

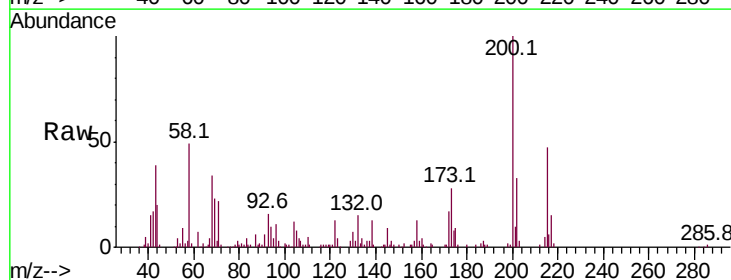
RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

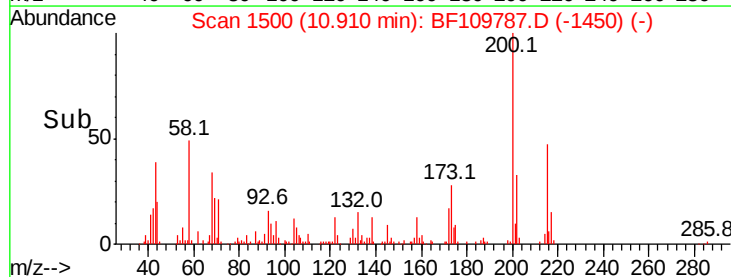
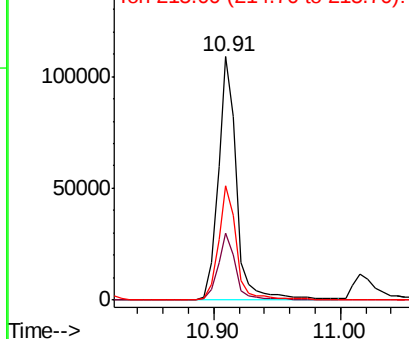
Lab File: BF109787.D

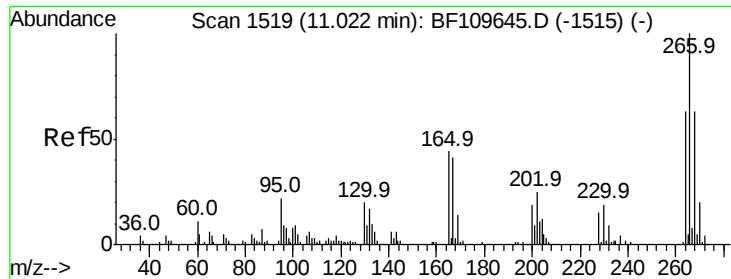
Acq: 11 Oct 2018 15:24

Tgt Ion:	200	Resp:	110471
Ion Ratio	Lower	Upper	
200	100		
173	27.7	6.6	46.6
215	46.7	26.3	66.3



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





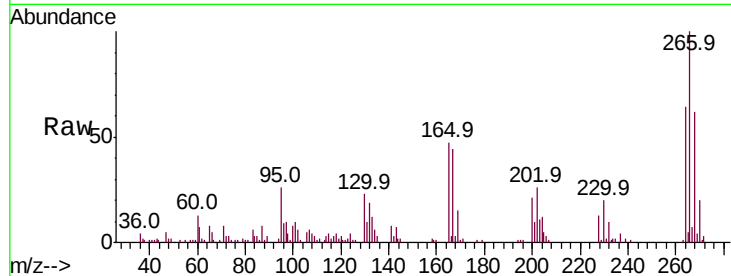
#69
 Pentachlorophenol
 Concen: 44.782 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 S-23MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.6	75.8
264	63.9	50.6	75.8

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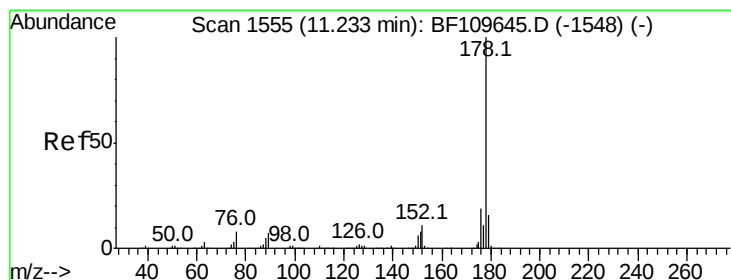
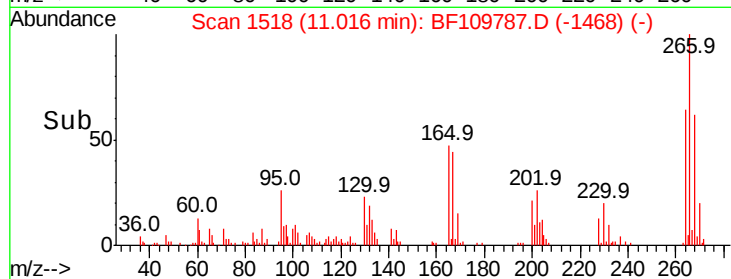
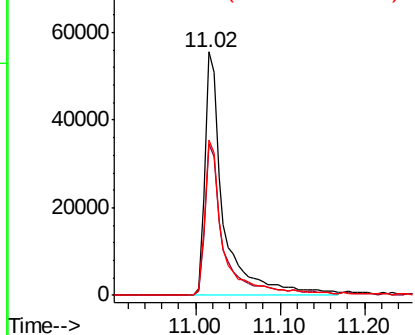


Abundance

Ion 265.70 (265.40 to 266.40): E

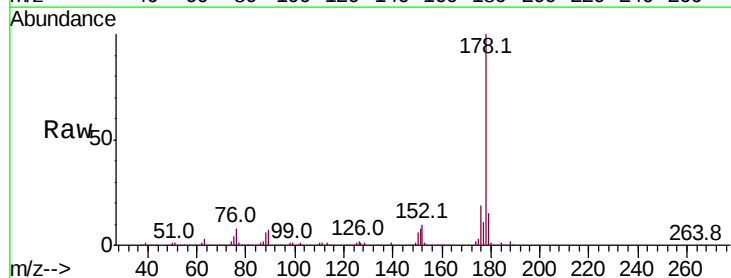
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.310 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.5	18.7

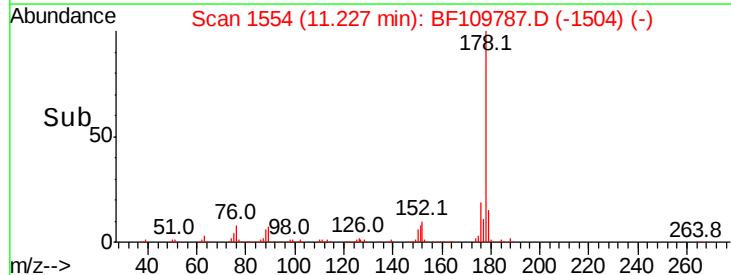
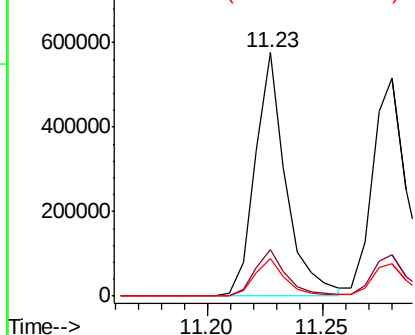


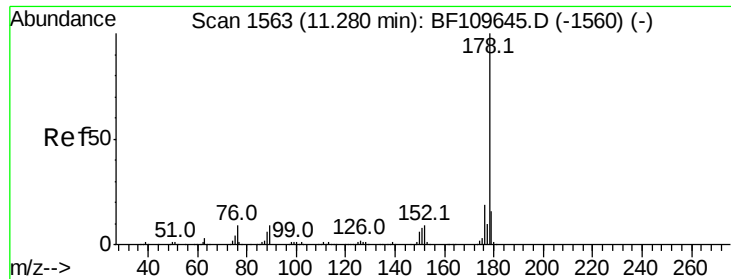
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





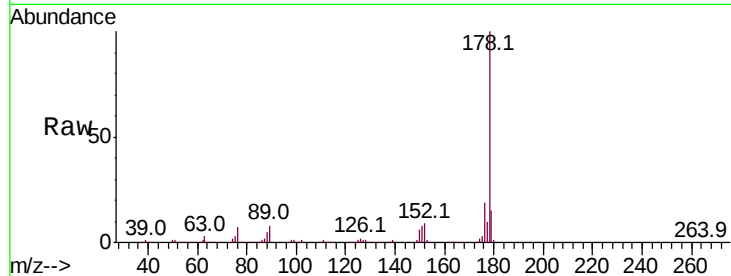
#71
 Anthracene
 Concen: 42.128 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 S-23MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.1	12.6	18.8

Manual Integrations
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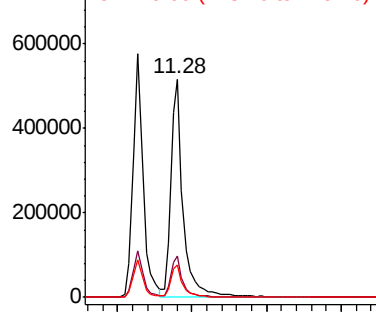


Abundance

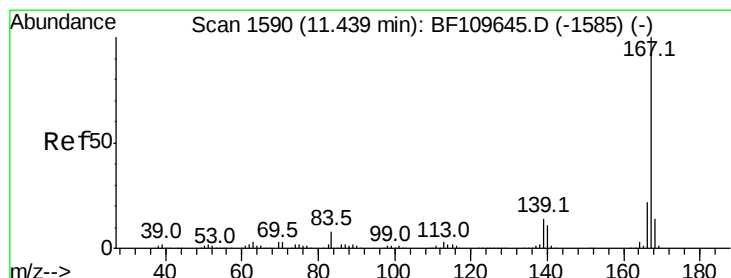
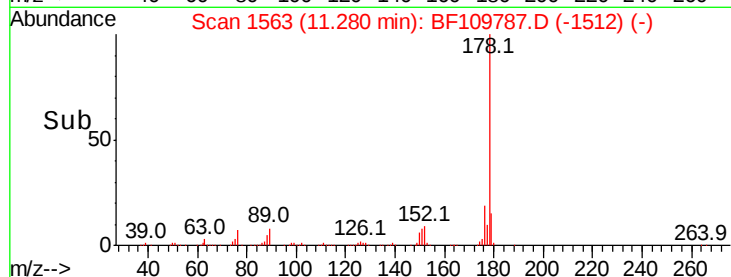
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72
 Carbazole
 Concen: 35.594 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

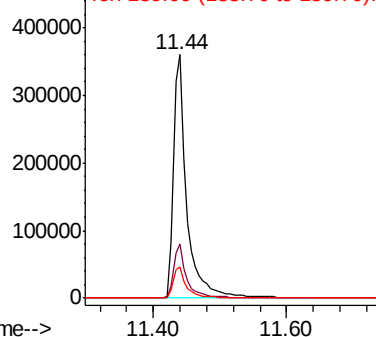
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.0	10.9	16.3

Abundance

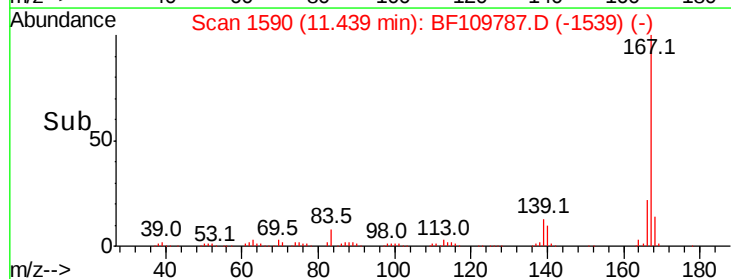
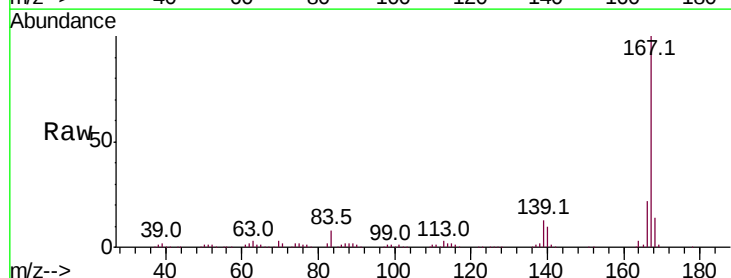
Ion 167.00 (166.70 to 167.70): E

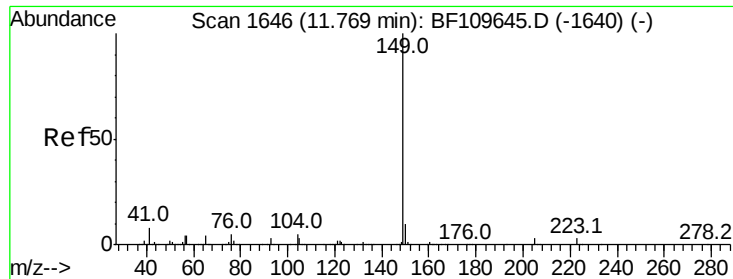
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





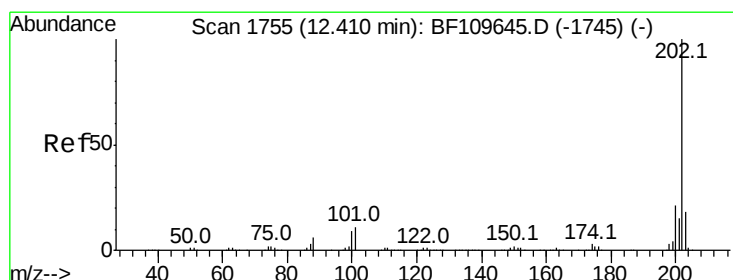
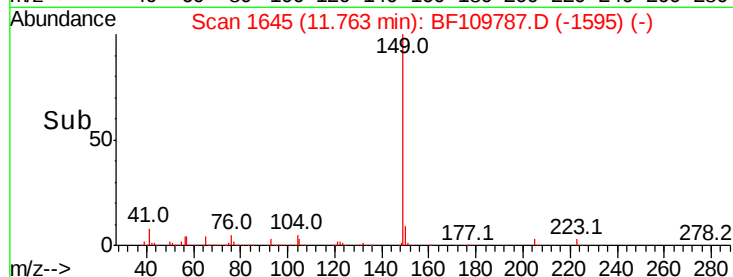
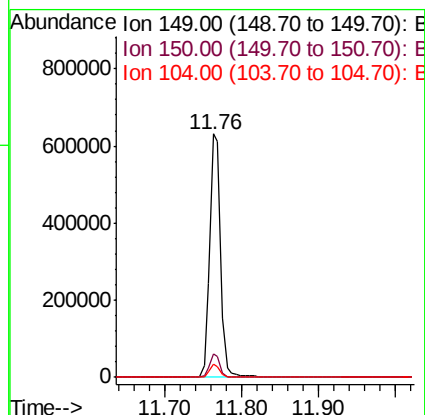
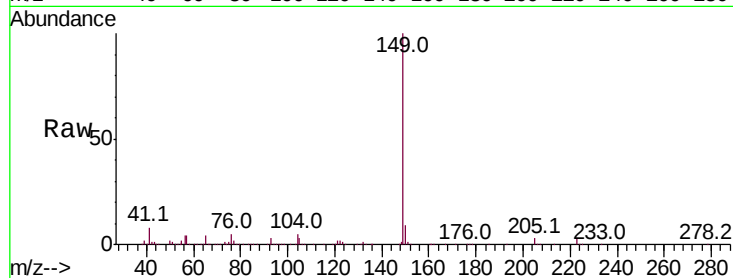
#73
Di-n-butylphthalate
Concen: 39.116 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	4.2	6.4

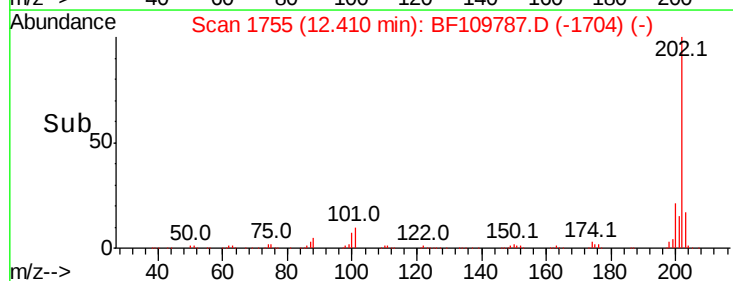
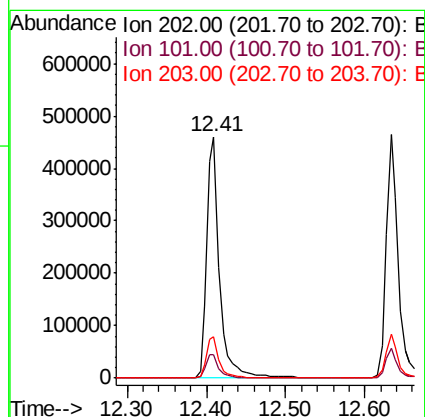
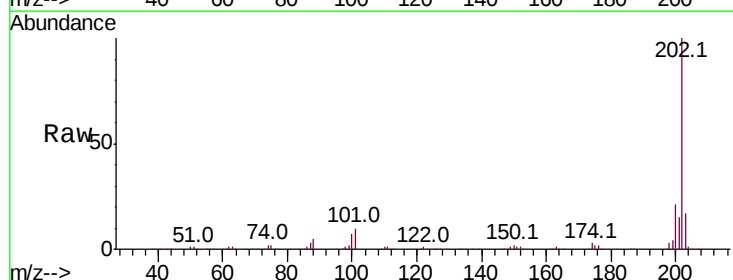
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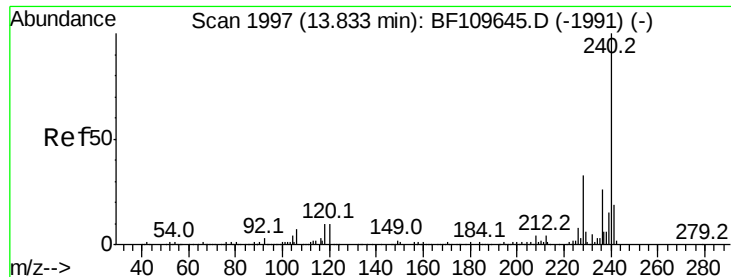
Sohil
10/12/2018 11:01:20 AM



#74
Fluoranthene
Concen: 36.704 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	31.4
203	17.0	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

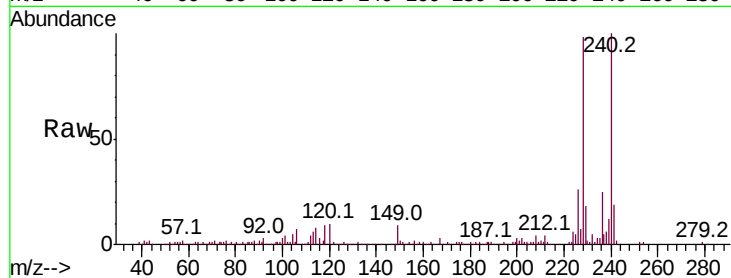
ClientSampled :

S-23MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	25.4	21.2	31.8

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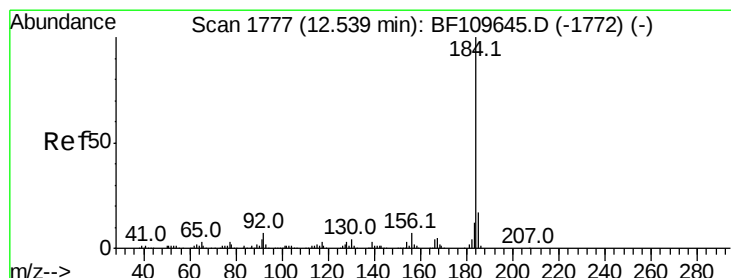
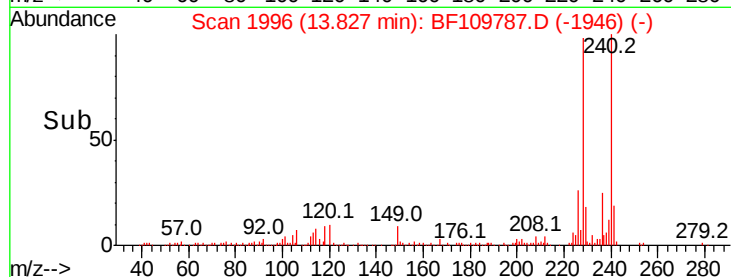
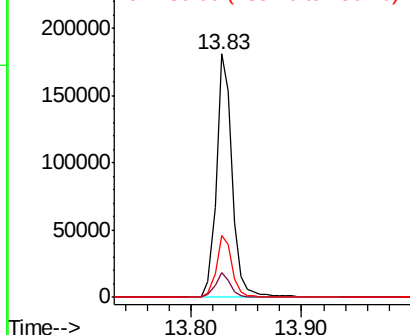


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.685 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

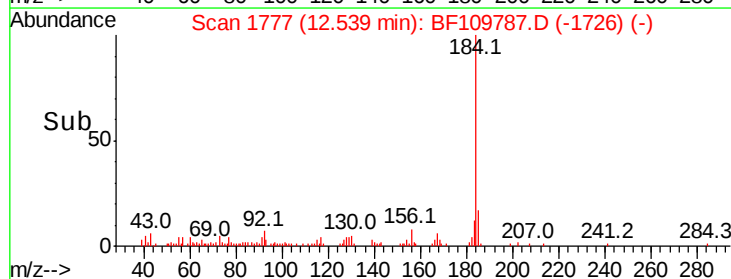
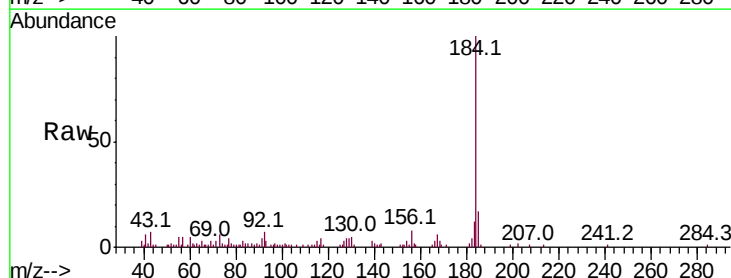
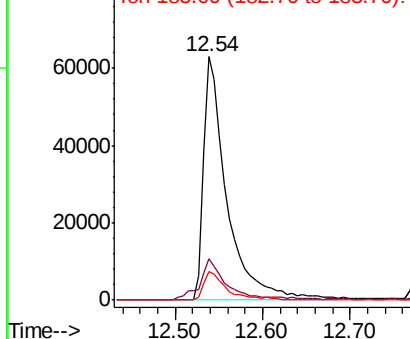
Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	13.4	20.2
183	11.9	9.4	14.2

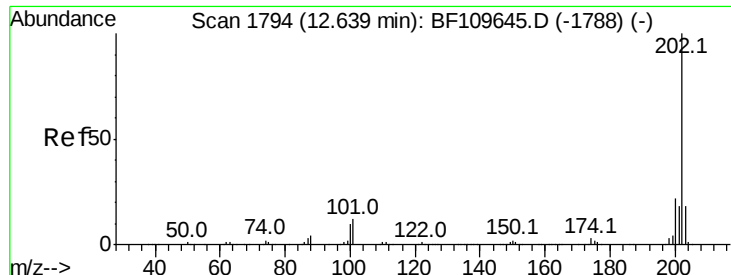
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





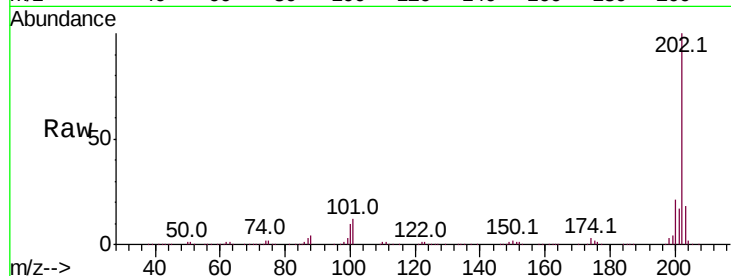
#77
Pvrene
Concen: 38.622 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.6
203	17.8	14.2	21.4

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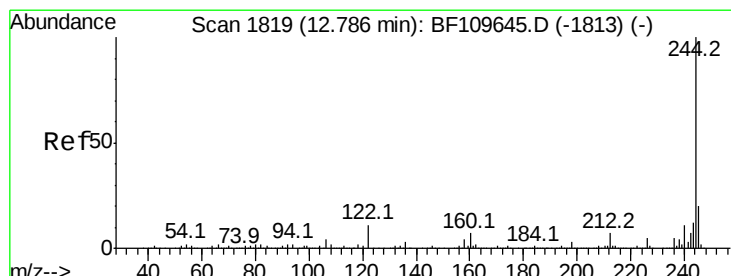
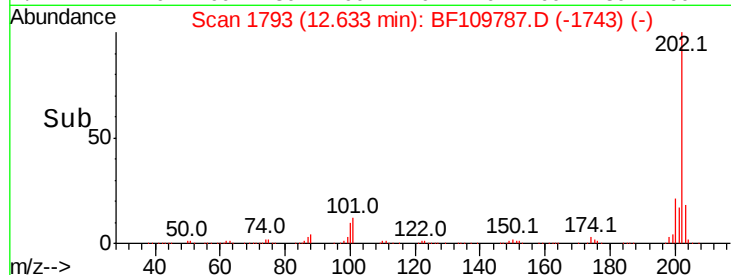
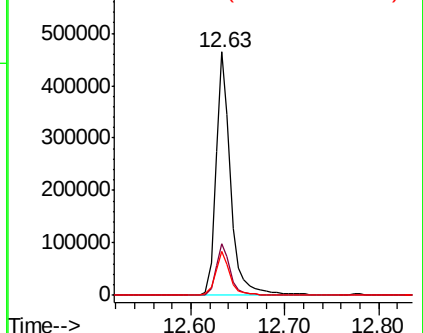


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 71.926 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

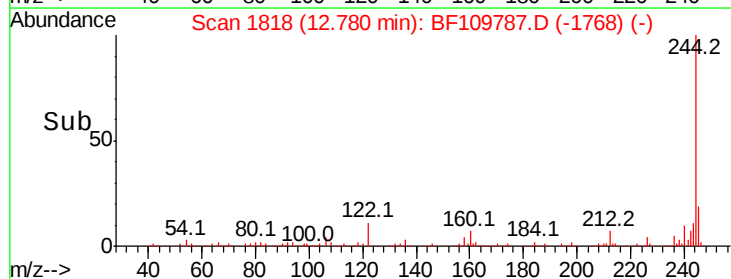
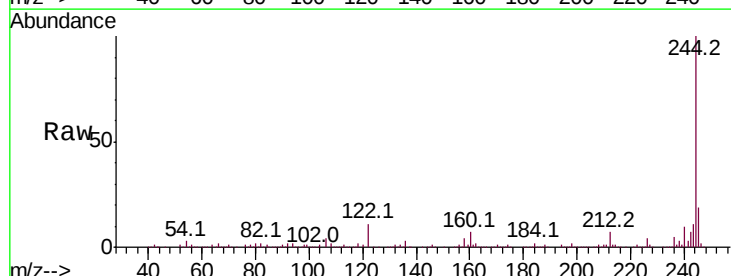
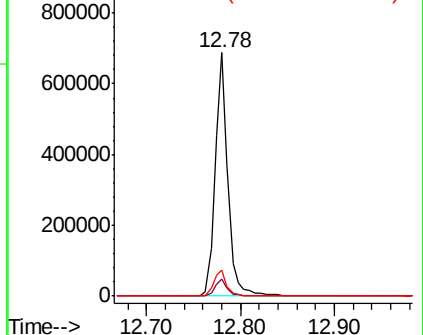
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.7	8.7	13.1

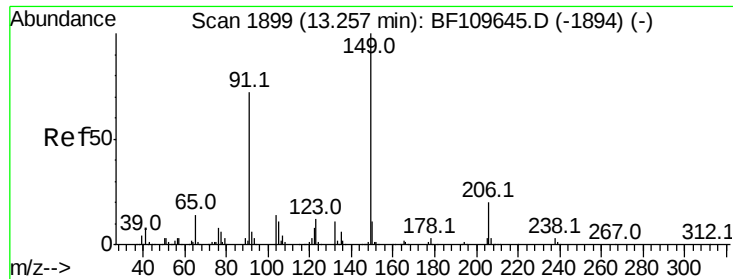
Abundance

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





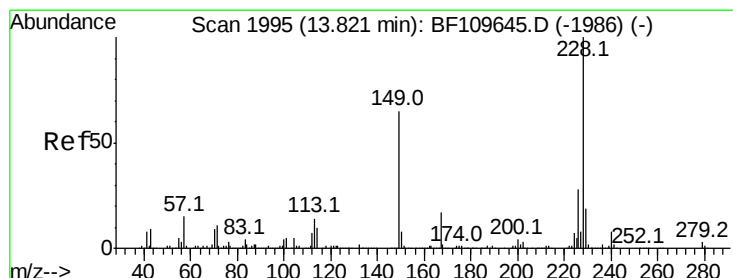
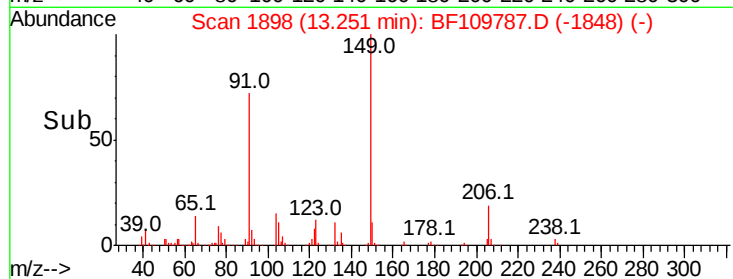
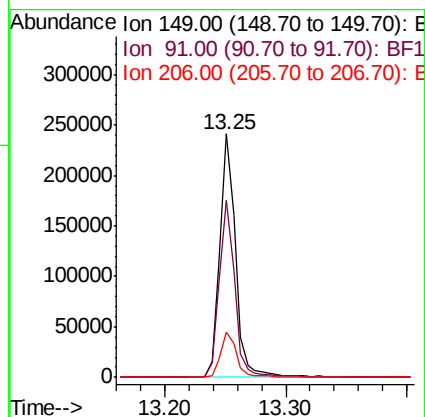
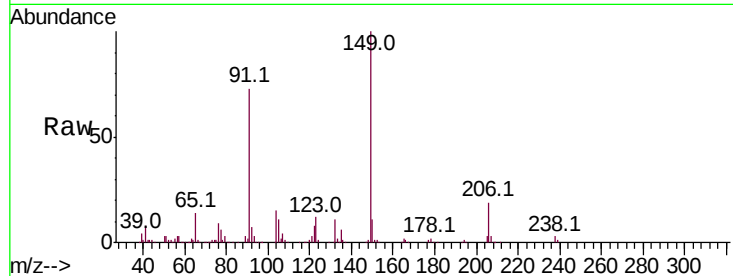
#79
Butylbenzylphthalate
Concen: 37.859 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.2	85.8
206	18.5	15.7	23.5

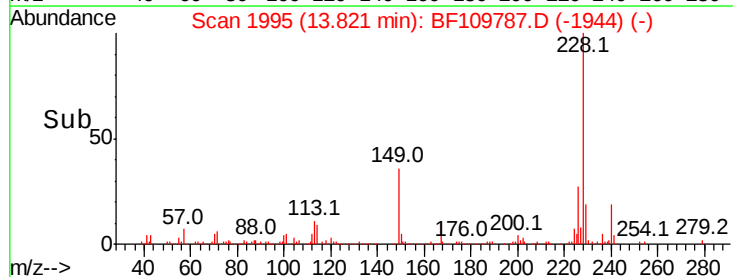
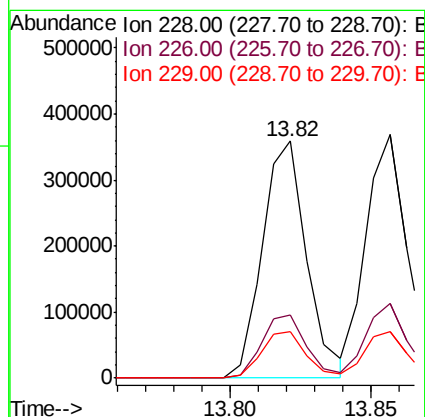
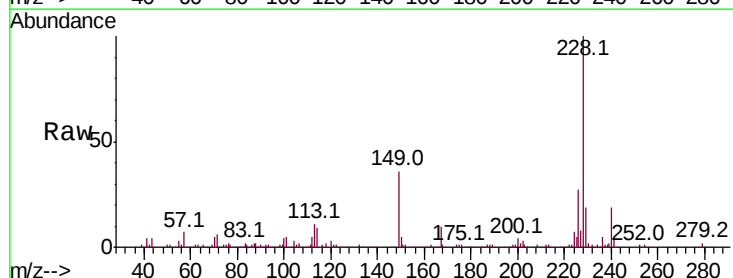
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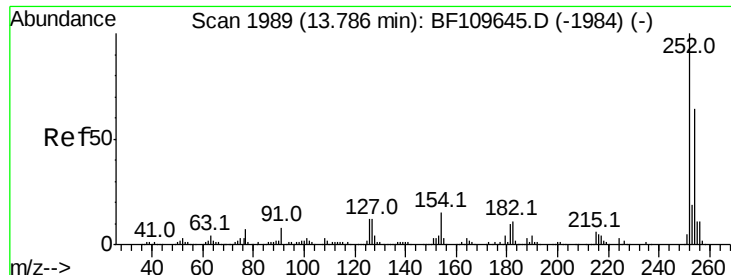
Sohil
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#80
Benzo(a)anthracene
Concen: 39.684 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.1	33.1
229	19.5	15.6	23.4





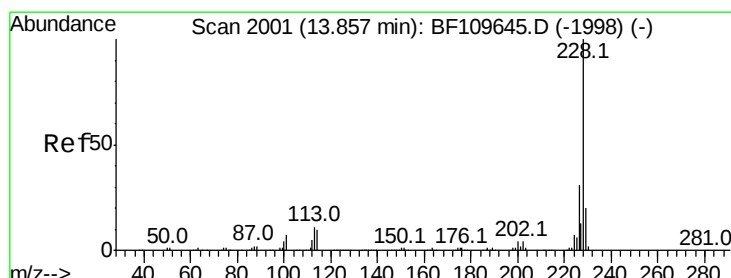
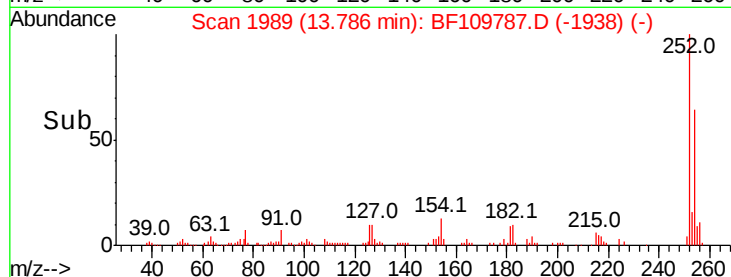
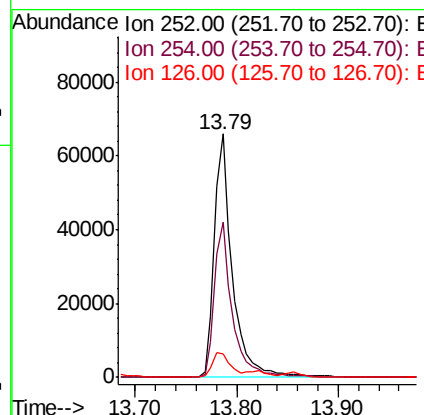
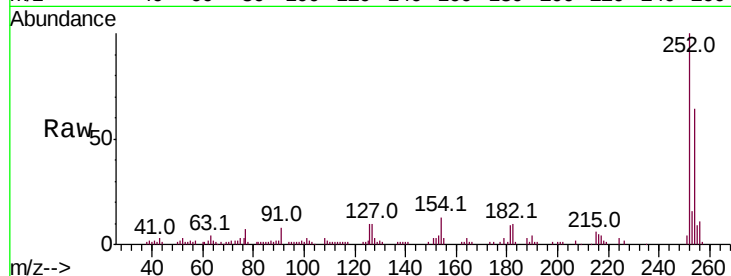
#81
 3,3'-Dichlorobenzidine
 Concen: 20.561 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 S-23MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.3	76.9
126	9.7	9.4	14.2

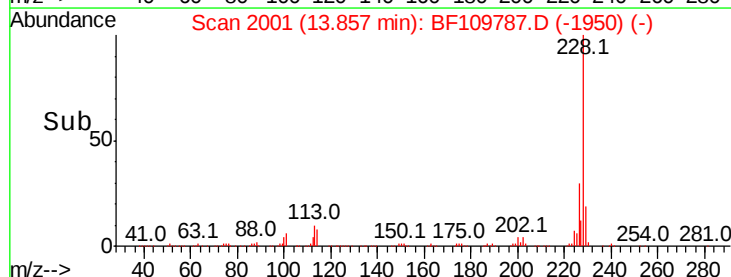
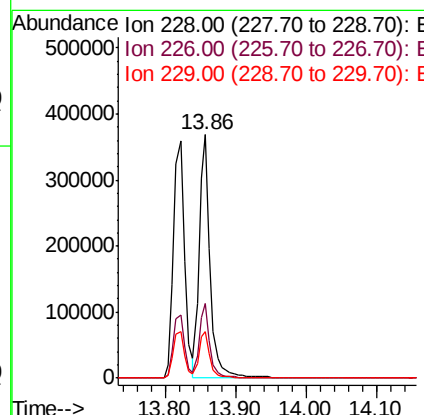
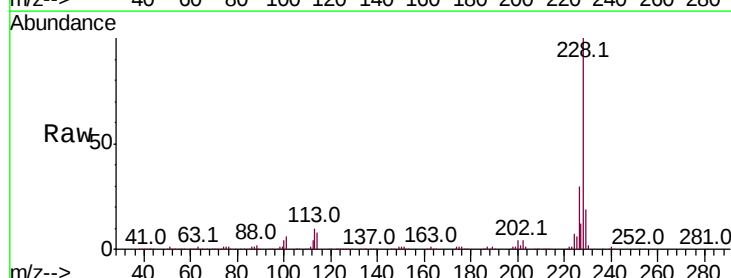
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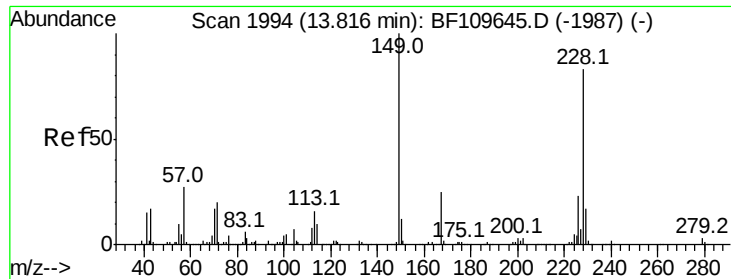
Sohil
 10/12/2018 11:01:20 AM



#82
 Chrysene
 Concen: 39.614 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.4	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.093 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Instrument :

BNA_F

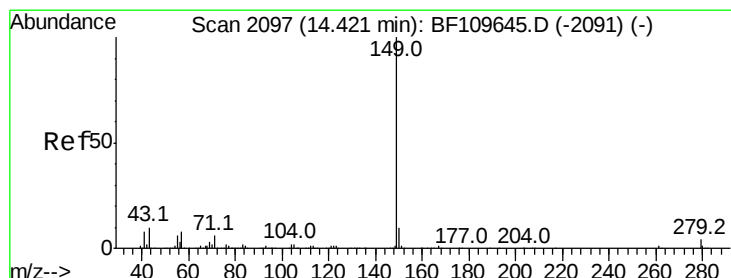
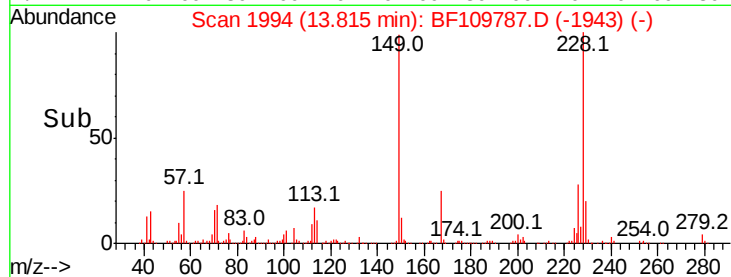
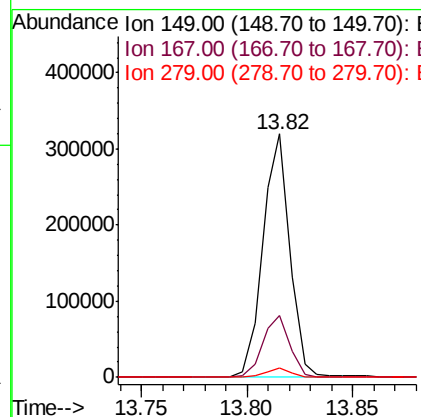
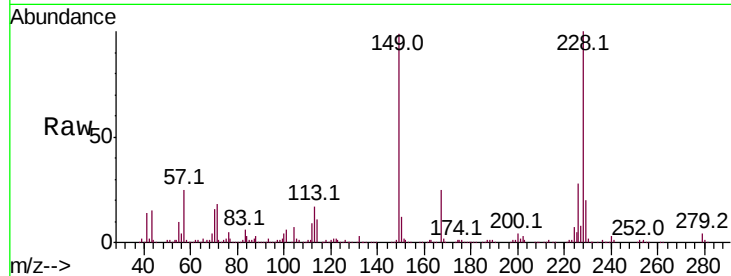
ClientSampleId :

S-23MS

Tot Ion:	149	Resp:	283888
Ion Ratio	Lower	Upper	
149	100		
167	25.6	19.8	29.8
279	3.6	2.7	4.1

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#84

Di-n-octyl phthalate

Concen: 47.998 ng

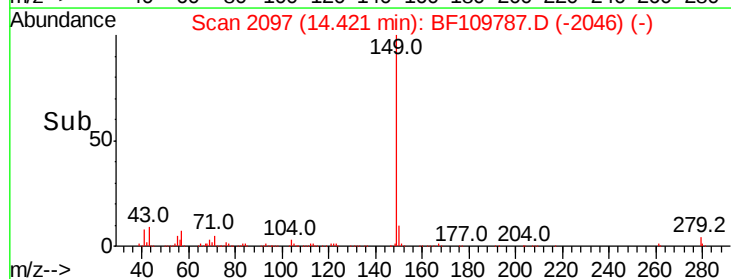
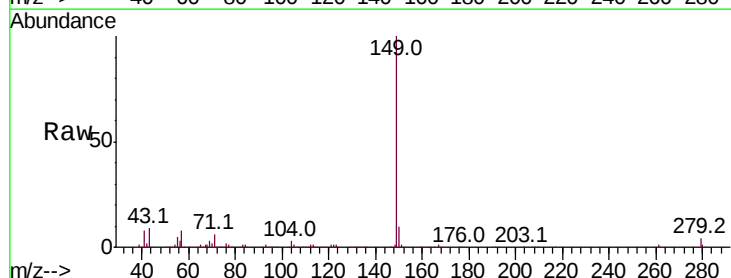
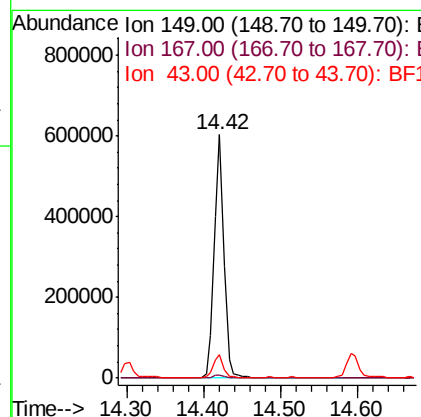
RT: 14.42 min Scan# 2097

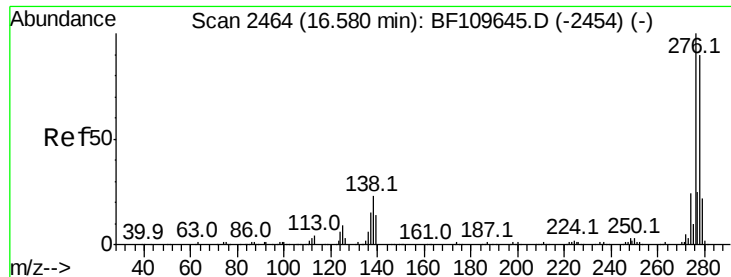
Delta R.T. -0.00 min

Lab File: BF109787.D

Acq: 11 Oct 2018 15:24

Tgt Ion:	149	Resp:	524123
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.5	7.8	11.8





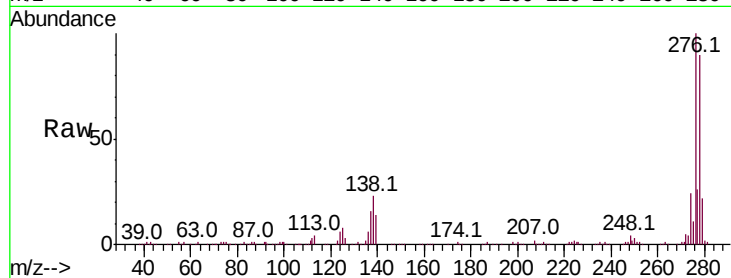
#85
Indeno(1,2,3-cd)pyrene
Concen: 68.998 ng
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

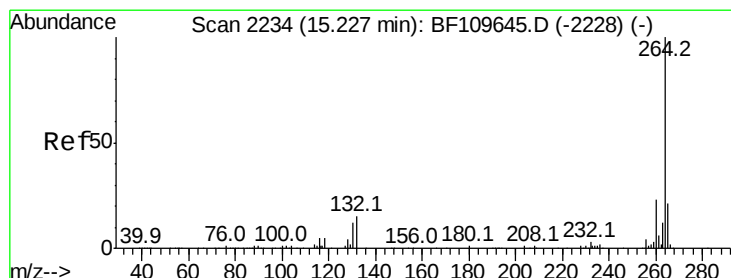
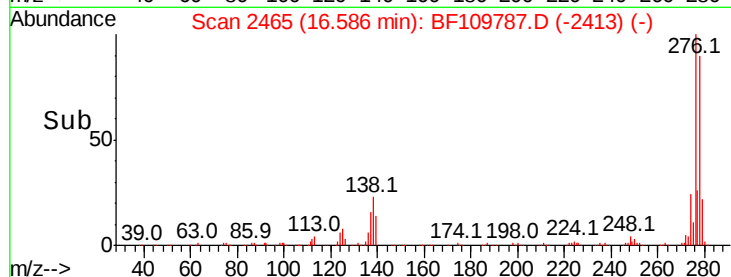
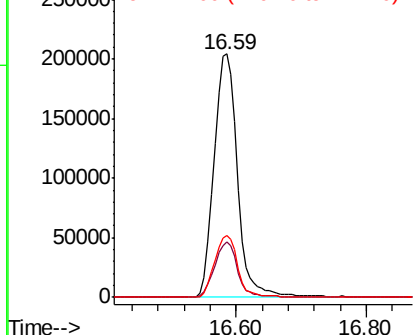
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.5	27.7
277	25.0	20.0	30.0

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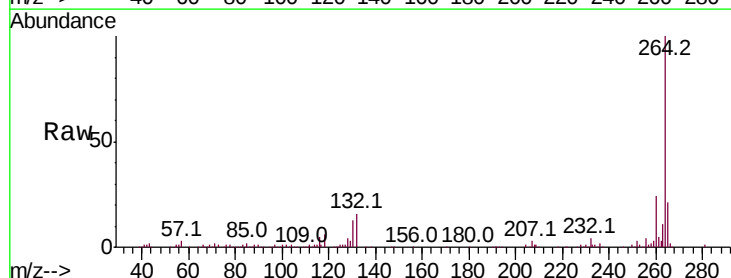


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

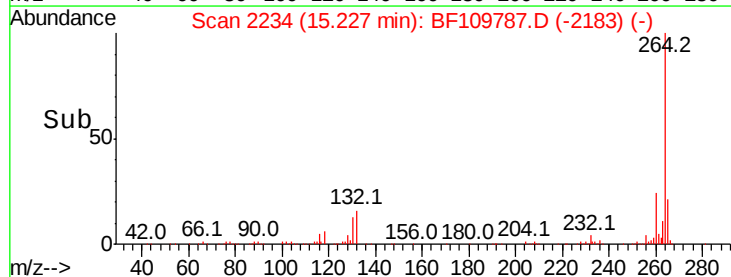
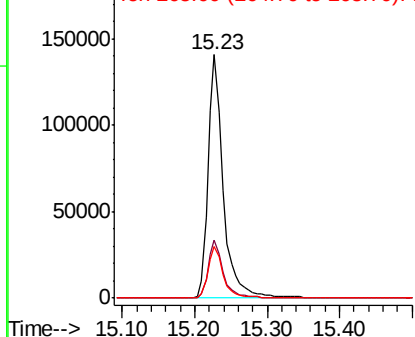


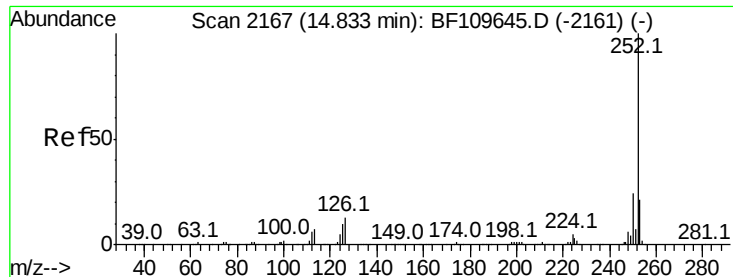
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.3	16.7	25.1



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





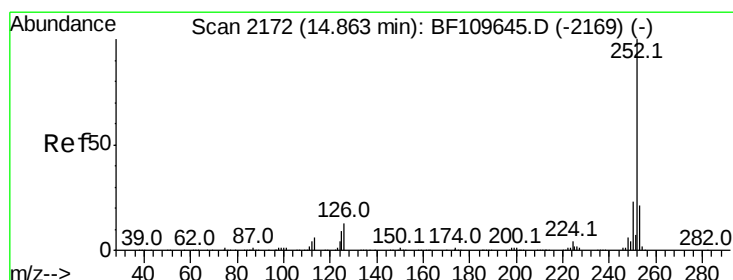
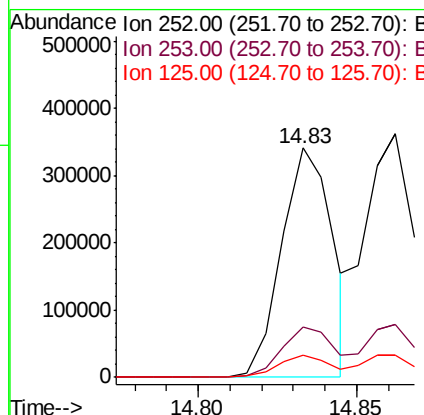
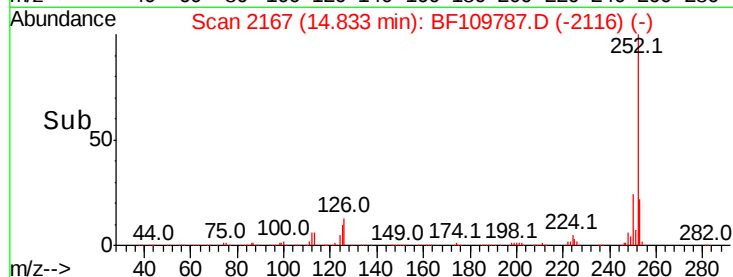
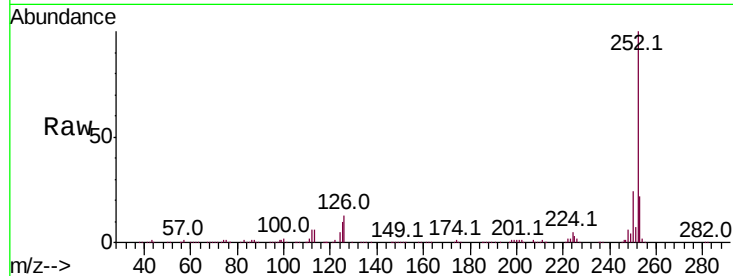
#87
Benzo(b)fluoranthene
Concen: 33.725 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampled :
S-23MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.8	8.2	12.4

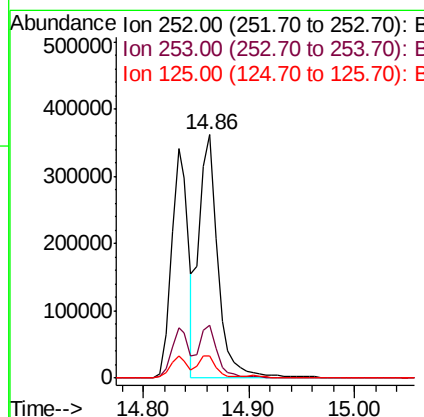
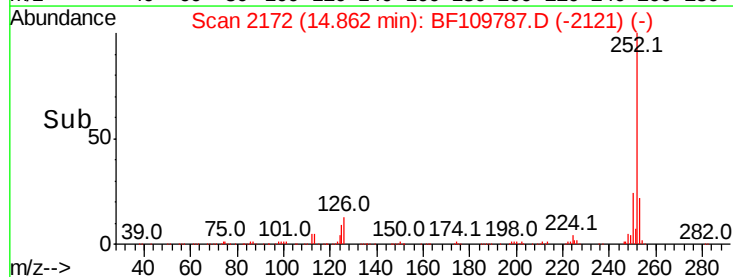
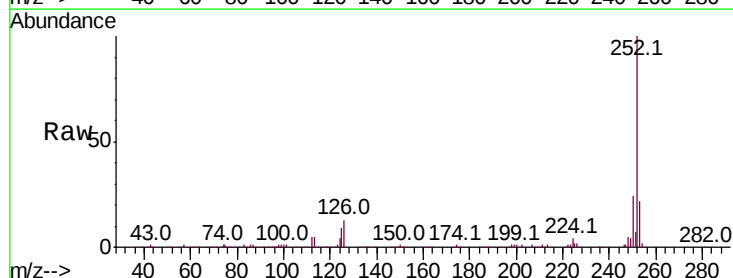
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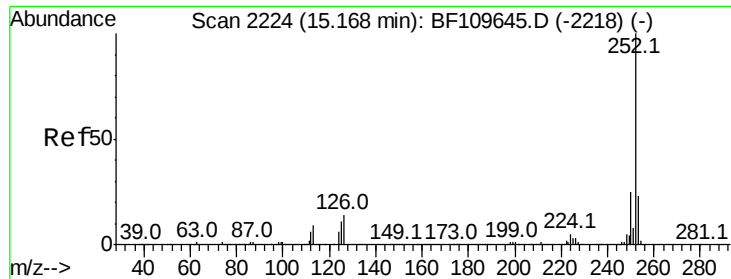
Sohil
10/12/2018 11:01:20 AM



#88
Benzo(k)fluoranthene
Concen: 39.046 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.2	7.4	11.0





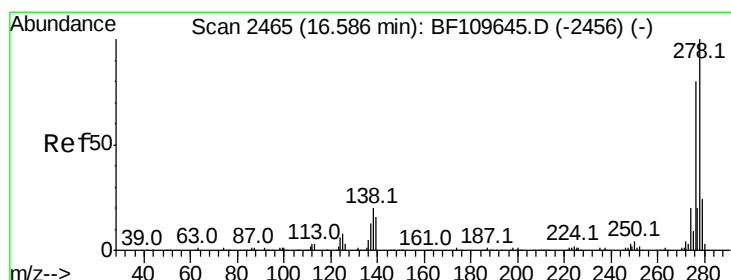
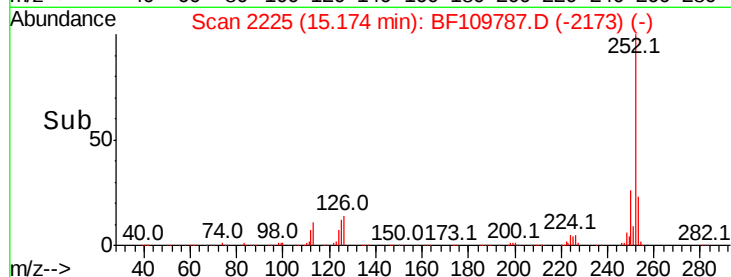
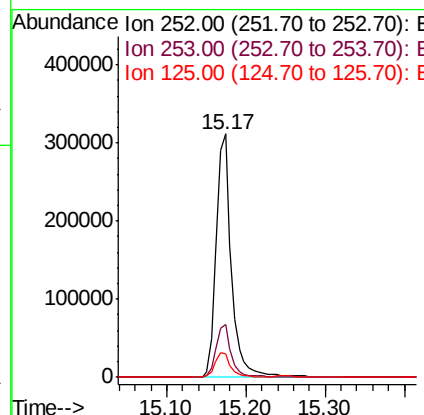
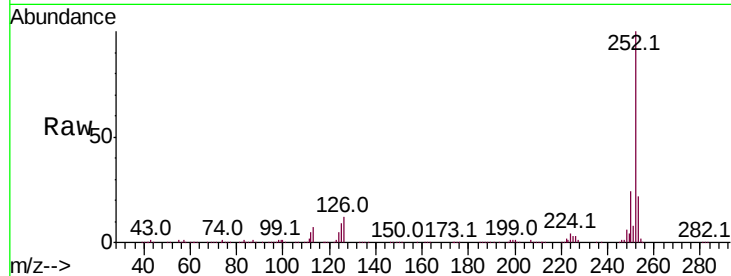
#89
Benzo(a)pyrene
Concen: 40.434 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Instrument :
BNA_F
ClientSampleId :
S-23MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	9.5	9.0	13.6

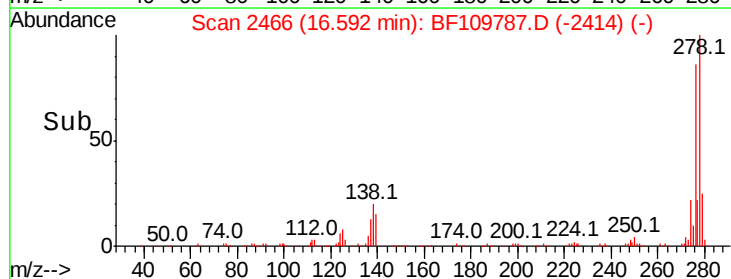
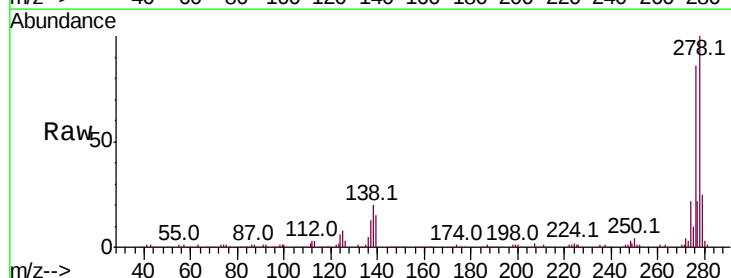
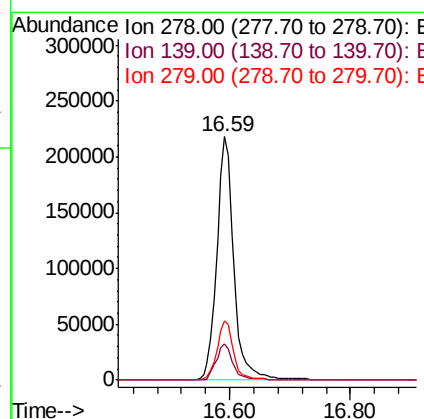
Manual Integrations
APPROVED

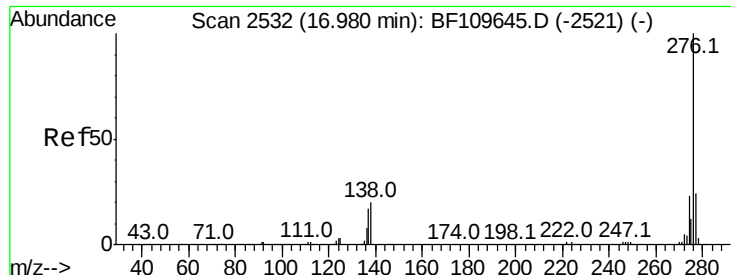
Sohil
10/12/2018 11:01:20 AM



#90
Dibenzo(a,h)anthracene
Concen: 50.306 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109787.D
Acq: 11 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.7	19.1
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.321 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109787.D
 Acq: 11 Oct 2018 15:24

Instrument :
 BNA_F
 ClientSampleId :
 S-23MS

Tot Ion:	276	Resp:	423921
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.8	28.2
138	20.4	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 10/12/2018 11:01:20 AM

