

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111663.D
 Acq On : 21 Dec 2018 2:32
 Operator : JU/SJ
 Sample : J6447-09MS 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Manual Integrations
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Sohil
 12/21/2018 2:46:55 PM

Quant Time: Dec 21 12:20:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	193872	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	711638	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	297101	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	462323	20.00	ng	0.00
76) Chrysene-d12	14.04	240	472155	20.00	ng	0.00
87) Perylene-d12	15.52	264	341195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	98179	8.63	ng	0.00
7) Phenol-d6	6.51	99	128766	8.90	ng	-0.01
23) Nitrobenzene-d5	7.45	82	72957	5.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	24520	6.98	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	141116	6.92	ng	0.00
79) Terphenyl-d14	12.99	244	120299	4.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	12222	2.284	ng	# 86
3) Pyridine	3.47	79	28575	2.050	ng	96
4) n-Nitrosodimethylamine	3.38	42	20092	2.945	ng	# 81
6) Aniline	6.55	93	14625	0.793	ng	96
8) 2-Chlorophenol	6.67	128	36371	2.887	ng	95
9) Benzaldehyde	6.44	77	11046	1.110	ng	94
10) Phenol	6.52	94	55343	3.389	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	33585	2.744	ng	99
12) 1,3-Dichlorobenzene	6.84	146	40243	2.756	ng	98
13) 1,4-Dichlorobenzene	6.91	146	40492	2.734	ng	99
14) 1,2-Dichlorobenzene	7.07	146	40150	2.906	ng	93
15) Benzyl Alcohol	7.02	79	31802	2.766	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.17	45	56639	2.513	ng	97
17) 2-Methylphenol	7.13	107	28907	2.865	ng	# 88
18) Hexachloroethane	7.41	117	9542	1.912	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	25771	2.681	ng	94
20) 3+4-Methylphenols	7.29	107	40292	3.161	ng	# 78
22) Acetophenone	7.29	105	52082	2.889	ng	# 92
24) Nitrobenzene	7.46	77	38086	2.972	ng	95
25) Isophorone	7.70	82	64646	2.978	ng	98
26) 2-Nitrophenol	7.79	139	13202	2.540	ng	# 94
27) 2,4-Dimethylphenol	7.82	122	32500	3.172	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	40650	2.815	ng	97
29) 2,4-Dichlorophenol	8.03	162	28607	2.596	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	33241	2.707	ng	96
31) Naphthalene	8.20	128	104973	3.070	ng	95
32) Benzoic acid	7.86	122	11566m	1.708	ng	
33) 4-Chloroaniline	8.24	127	14975	1.013	ng	97
34) Hexachlorobutadiene	8.32	225	19339	2.584	ng	97
35) Caprolactam	8.56	113	7420m	1.987	ng	
36) 4-Chloro-3-methylphenol	8.71	107	27844	2.571	ng	96
37) 2-Methylnaphthalene	8.89	142	66366	2.983	ng	97
38) 1-Methylnaphthalene	8.99	142	60925	2.852	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	31323	3.208	ng	# 97

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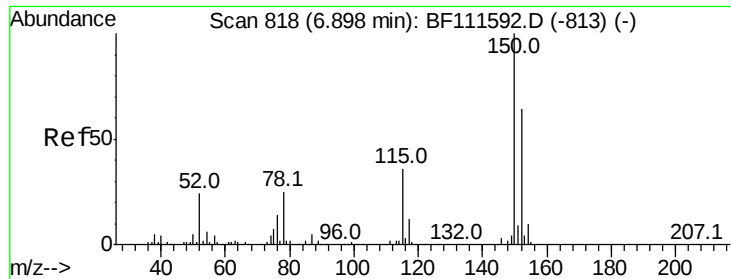
Manual Integrations
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 12/21/2018 2:46:55 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	2777	0.586	nq	81
43) 2,4,6-Trichlorophenol	9.16	196	18202	2.793	nq	96
44) 2,4,5-Trichlorophenol	9.20	196	18325	2.740	nq	91
46) 1,1'-Biphenyl	9.35	154	82115	3.274	nq	94
47) 2-Chloronaphthalene	9.37	162	60408	3.040	nq	93
48) 2-Nitroaniline	9.46	65	16654	3.222	nq #	86
49) Acenaphthylene	9.79	152	89263	3.077	nq	93
50) Dimethylphthalate	9.64	163	76927	3.541	nq	98
51) 2,6-Dinitrotoluene	9.70	165	10746	2.481	nq	87
52) Acenaphthene	9.96	154	52271	2.921	nq	99
53) 3-Nitroaniline	9.87	138	9282	2.009	nq	84
54) 2,4-Dinitrophenol	9.97	184	273	7.486	nq #	1
55) Dibenzofuran	10.13	168	77974	2.884	nq	94
56) 4-Nitrophenol	10.02	139	14772	4.190	nq	84
57) 2,4-Dinitrotoluene	10.10	165	10948	2.103	nq #	84
58) Fluorene	10.47	166	58681	3.012	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	13786	2.450	nq #	90
60) Diethylphthalate	10.35	149	62981	2.955	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	29438	2.735	nq	90
62) 4-Nitroaniline	10.47	138	11233	2.501	nq	91
63) Azobenzene	10.63	77	52521	2.455	nq	95
65) 4,6-Dinitro-2-methylphenol	10.51	198	353	6.852	nq #	66
66) n-Nitrosodiphenylamine	10.58	169	49072	3.162	nq	96
67) 4-Bromophenyl-phenylether	10.96	248	17311	3.019	nq	91
68) Hexachlorobenzene	11.03	284	18016	2.818	nq	96
69) Atrazine	11.10	200	16630	3.085	nq	94
70) Pentachlorophenol	11.22	266	15862	4.013	nq	97
71) Phenanthrene	11.44	178	77619	3.166	nq	93
72) Anthracene	11.49	178	75478	3.067	nq	95
73) Carbazole	11.63	167	66233	2.772	nq #	94
74) Di-n-butylphthalate	11.97	149	76442	2.853	nq	96
75) Fluoranthene	12.62	202	77677	3.129	nq	94
77) Benzidine	12.72	184	4273	0.241	nq #	65
78) Pyrene	12.85	202	82480	2.474	nq	95
80) Butylbenzylphthalate	13.47	149	33256	2.447	nq	91
81) Benzo(a)anthracene	14.04	228	80608	2.991	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	10409	0.978	nq #	95
83) Chrysene	14.07	228	77275	2.918	nq	93
84) Bis(2-ethylhexyl)phthalate	14.03	149	46990	2.745	nq #	97
85) Di-n-octyl phthalate	14.64	149	80055	3.018	nq #	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	48717	2.164	nq #	89
88) Benzo(b)fluoranthene	15.09	252	61319	3.075	nq #	97
89) Benzo(k)fluoranthene	15.12	252	63629m	3.352	nq	
90) Benzo(a)pyrene	15.46	252	54641	3.016	nq #	96
91) Dibenzo(a,h)anthracene	17.02	278	40198	2.534	nq	92
92) Benzo(g,h,i)perylene	17.44	276	38471	2.483	nq #	89

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



#1

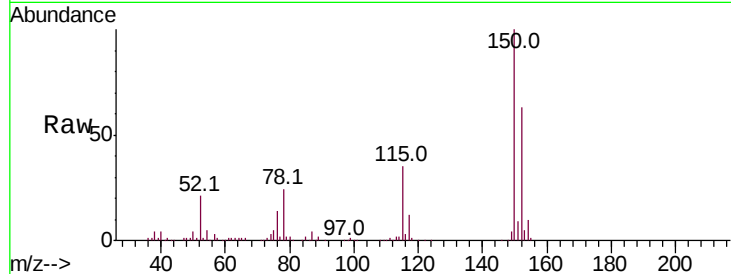
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	55.7	50.7	76.1

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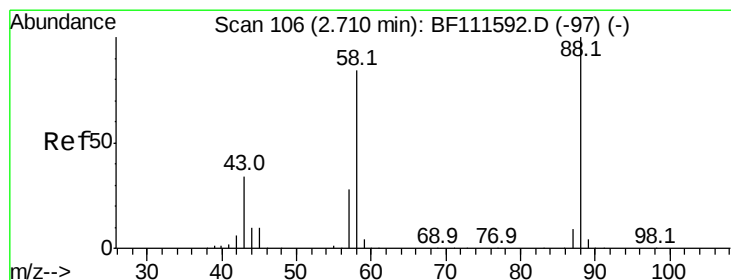
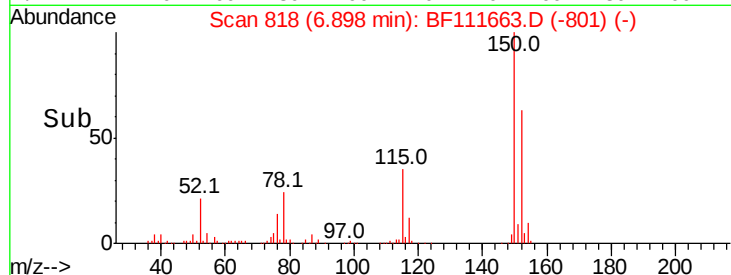
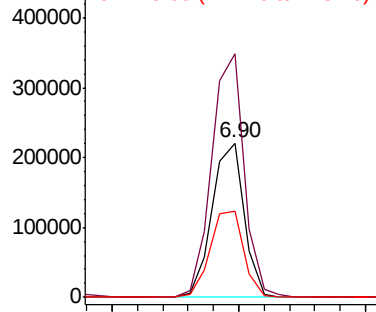


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

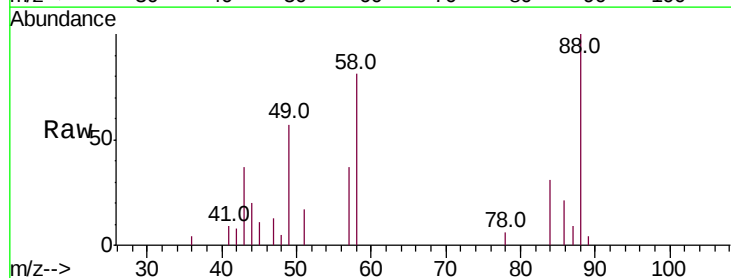
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.284 ng
RT: 2.70 min Scan# 104
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	68.9	103.3
43	50.0	25.8	38.6

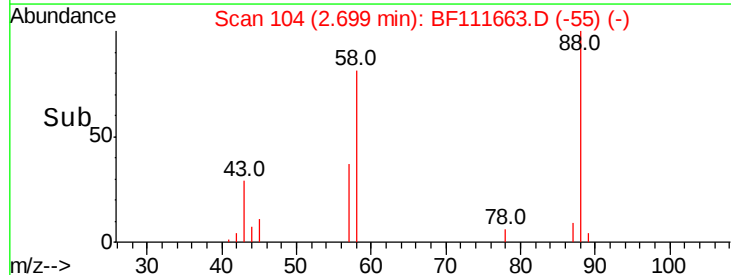
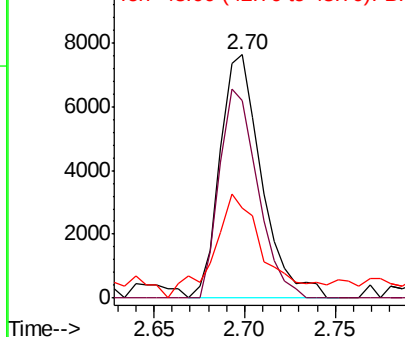


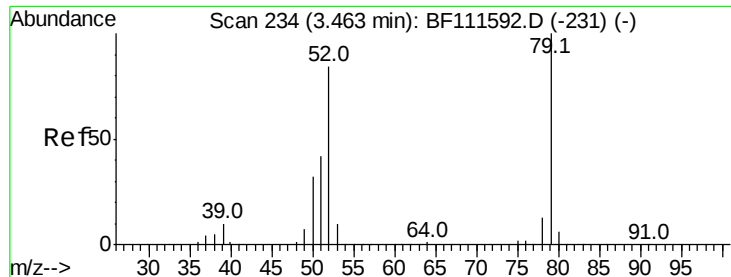
Abundance

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: 2.050 ng

RT: 3.47 min Scan# 236

Delta R.T. 0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

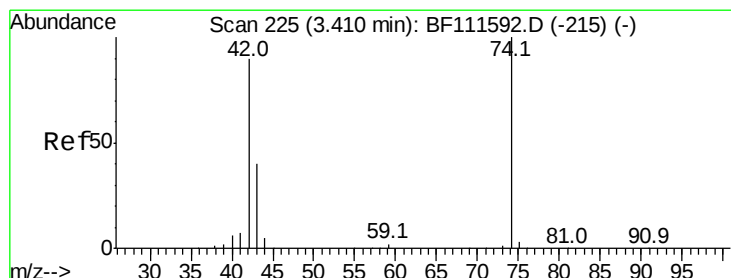
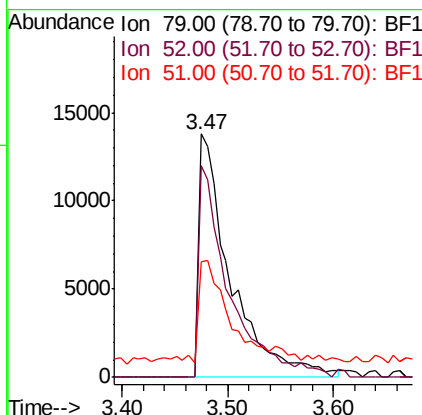
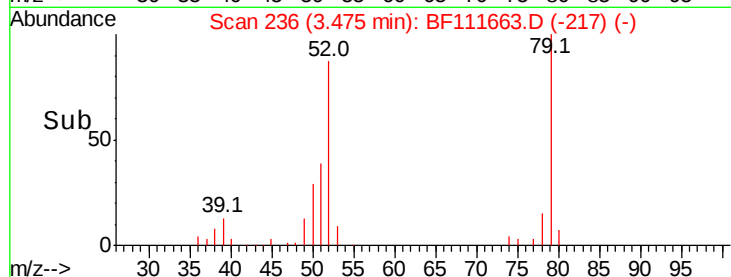
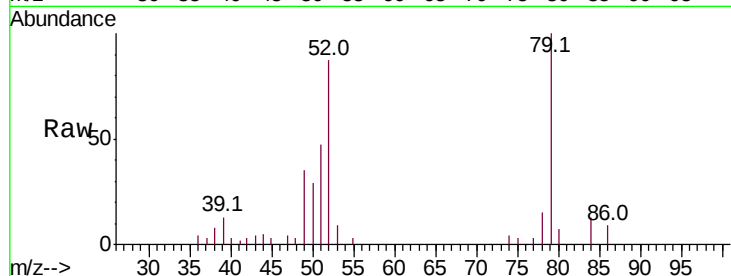
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	79	Resp:	28575
Ion Ratio	Lower	Upper	
79	100		
52	86.9	68.3	102.5
51	47.2	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 2.945 ng

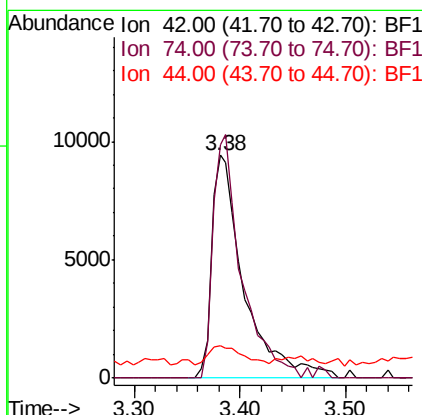
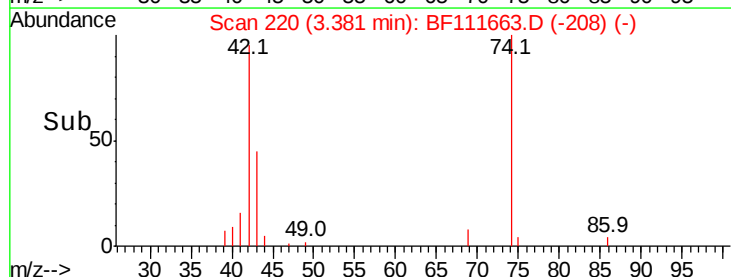
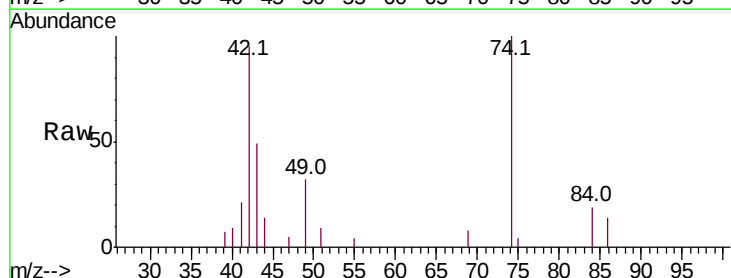
RT: 3.38 min Scan# 220

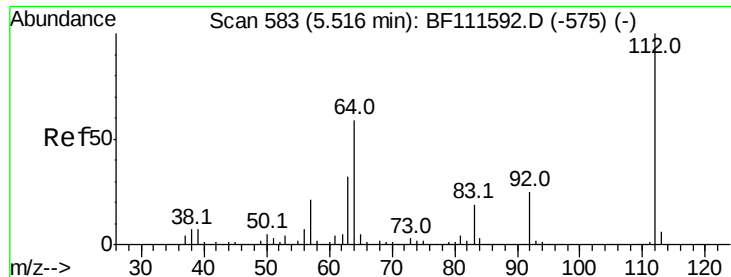
Delta R.T. -0.03 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion:	42	Resp:	20092
Ion Ratio	Lower	Upper	
42	100		
74	104.9	101.5	152.3
44	14.4	6.0	9.0#





#5

2-Fluorophenol

Concen: 8.632 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

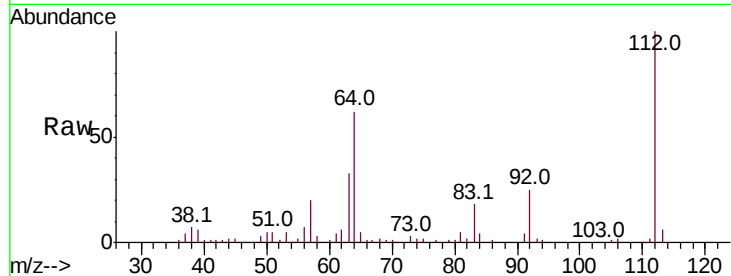
ClientSampleId :

P001-SS025-1218-01MS

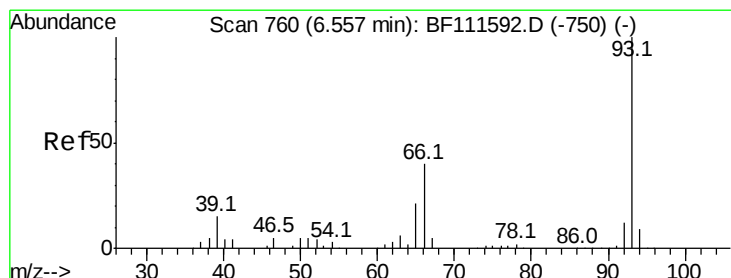
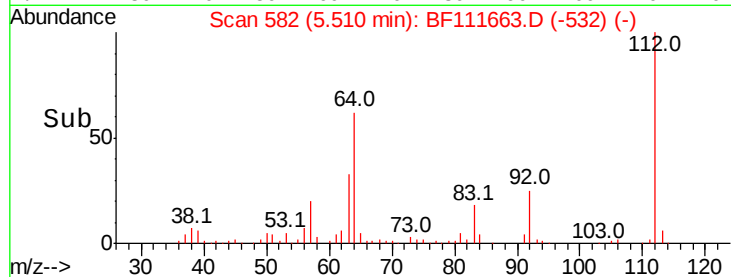
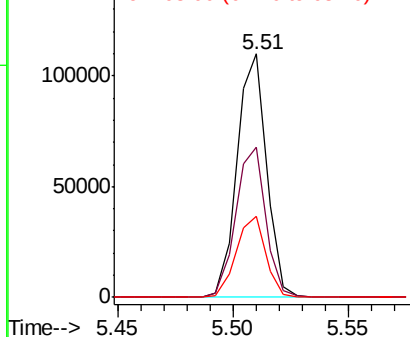
Tot Ion:	112	Resp:	98179
Ion Ratio	Lower	Upper	
112	100		
64	61.5	51.8	77.6
63	33.4	26.8	40.2

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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: 0.793 ng

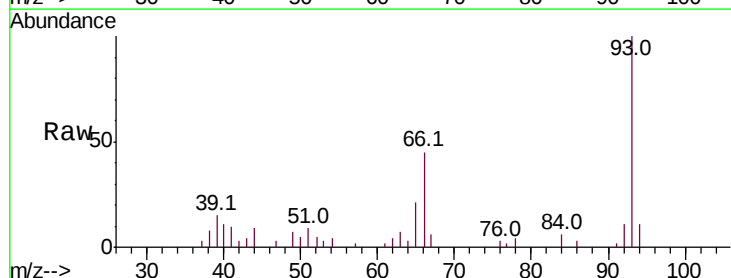
RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

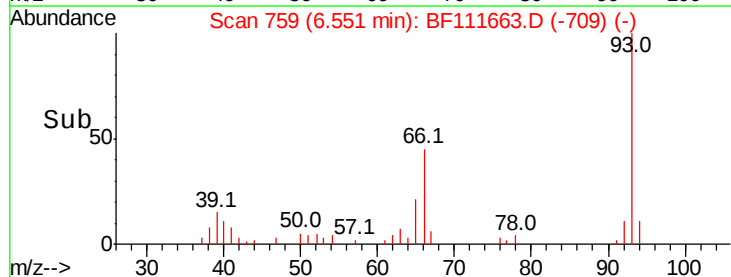
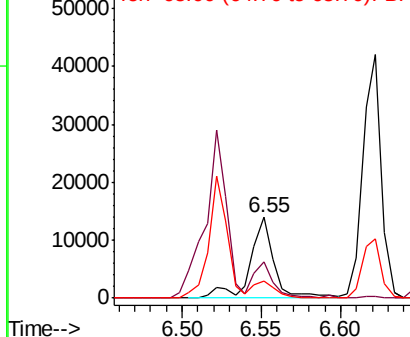
Lab File: BF111663.D

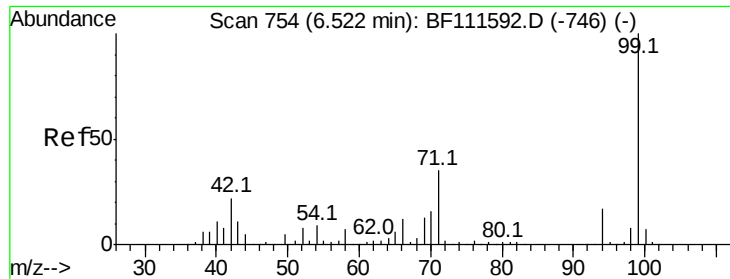
Acq: 21 Dec 2018 2:32

Tgt Ion:	93	Resp:	14625
Ion Ratio	Lower	Upper	
93	100		
66	44.9	33.2	49.8
65	20.7	17.0	25.4



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: 8.896 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

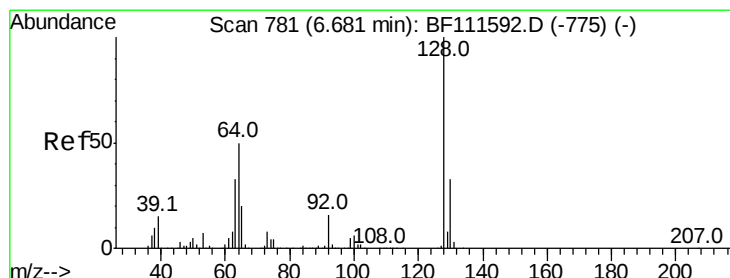
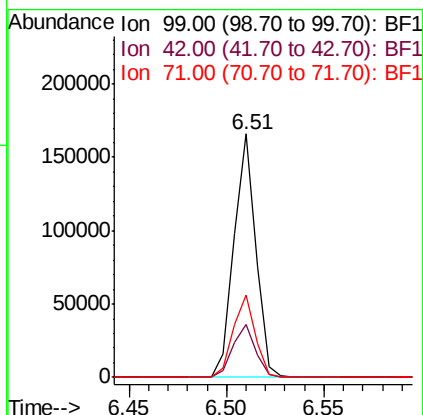
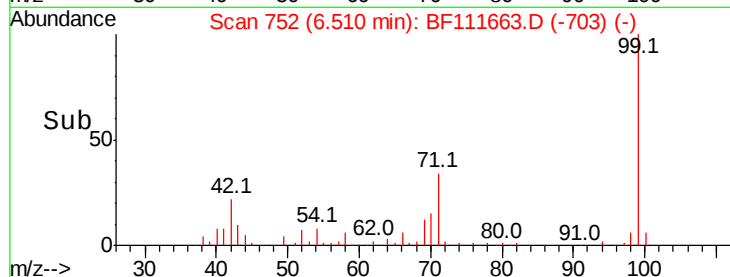
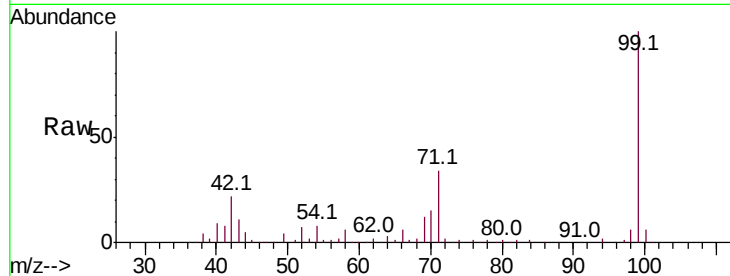
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		128766		
42	21.5	17.4	26.0		
71	34.0	26.1	39.1		

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#8

2-Chlorophenol

Concen: 2.887 ng

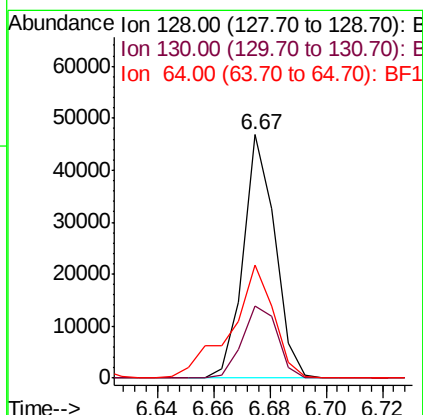
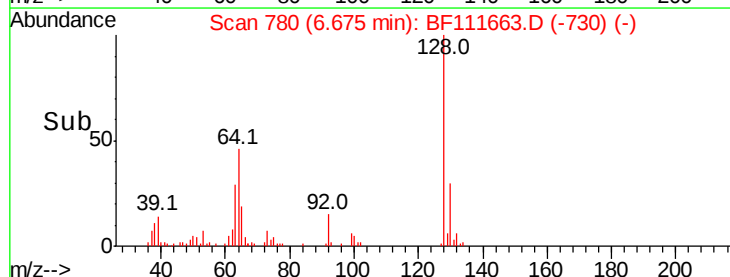
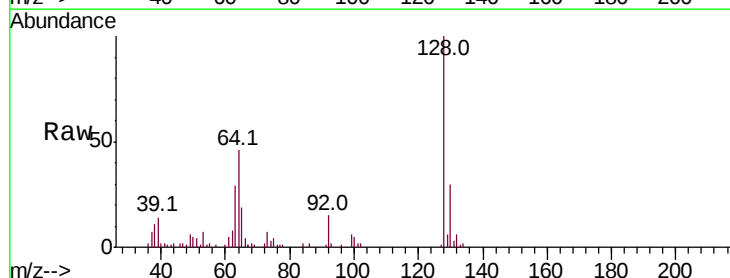
RT: 6.67 min Scan# 780

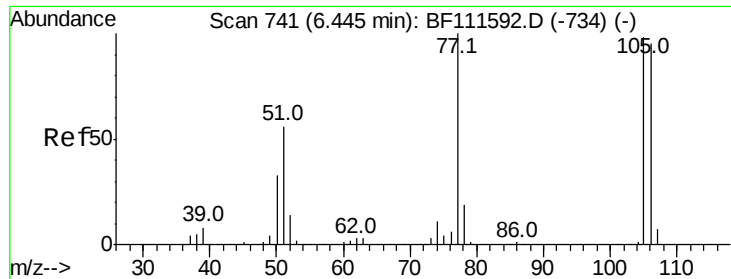
Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		36371		
130	29.9	12.7	52.7		
64	46.5	30.0	70.0		





#9

Benzaldehyde

Concen: 1.110 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

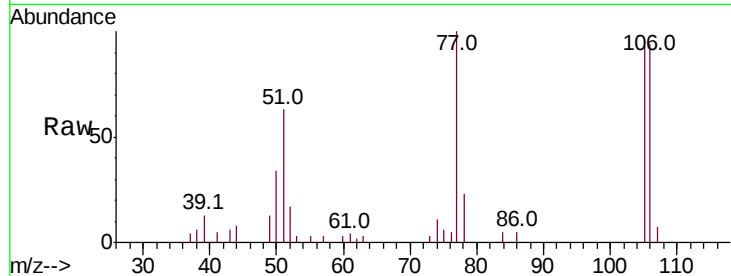
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	77	Resp:	11046
Ion Ratio	Lower	Upper	
77	100		
105	92.7	81.4	121.4
106	94.4	77.9	117.9

Manual Integrations
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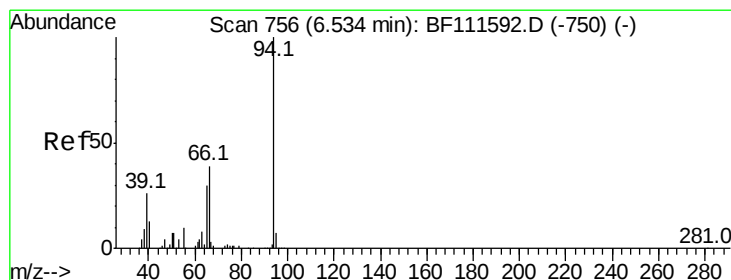
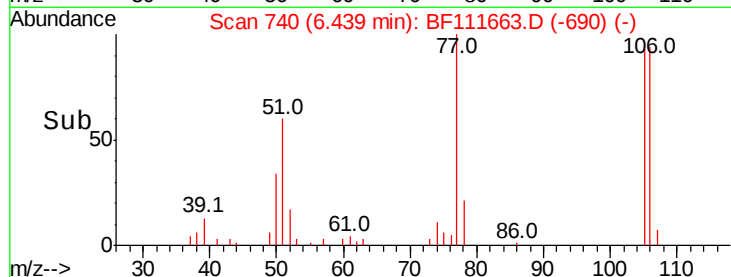
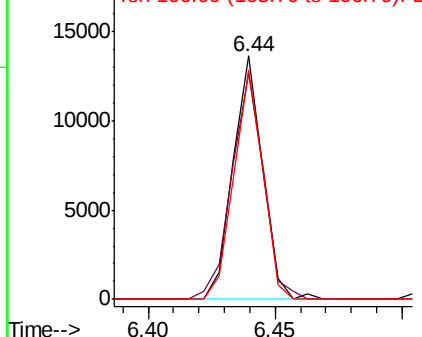
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 3.389 ng

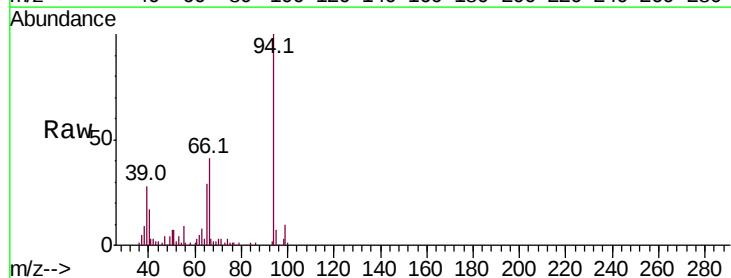
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

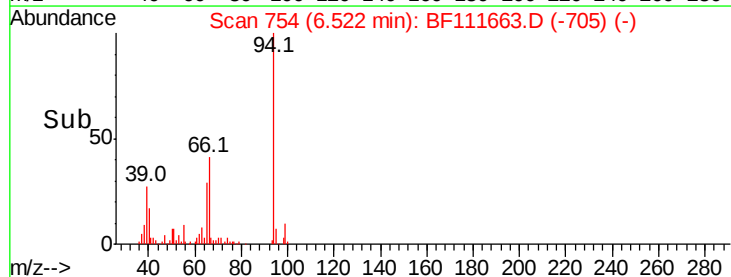
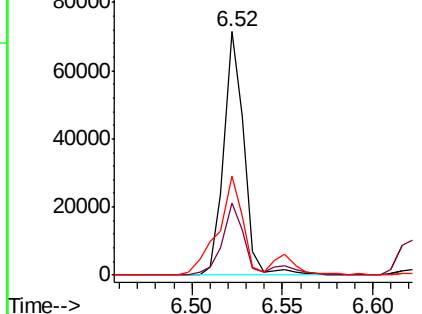
Tgt Ion:	94	Resp:	55343
Ion Ratio	Lower	Upper	
94	100		
65	29.4	11.7	51.7
66	40.6	21.0	61.0

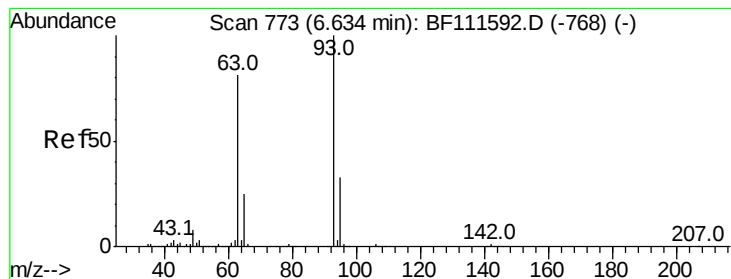


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





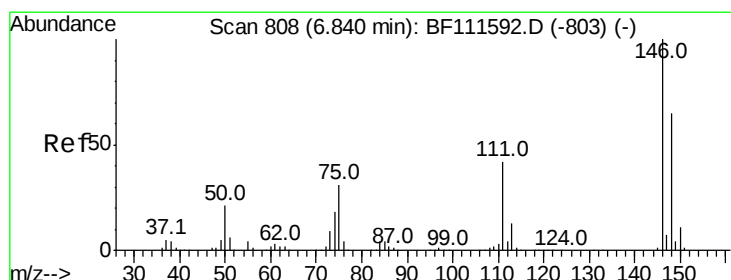
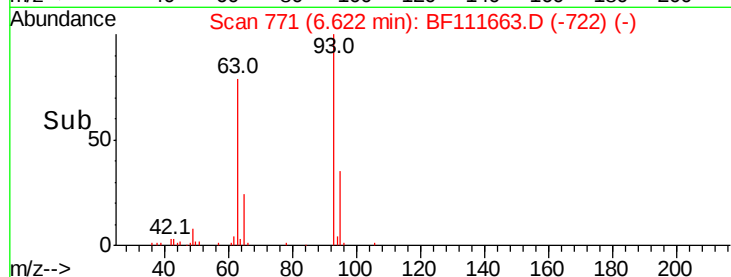
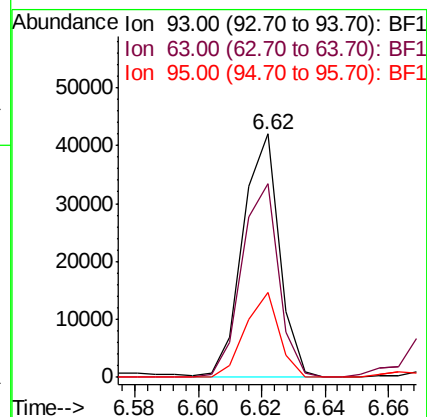
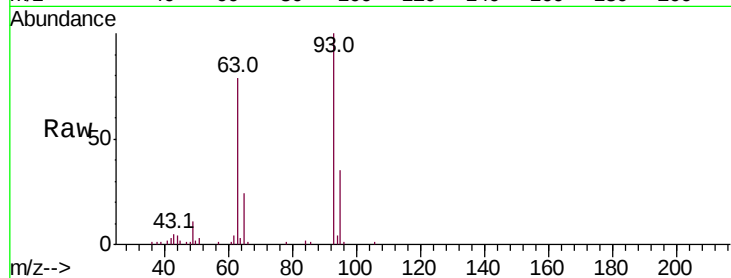
#11
bis(2-Chloroethyl)ether
Concen: 2.744 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	93	Resp:	33585
Ion Ratio	100	Lower	Upper
93	100		
63	79.5	60.0	100.0
95	34.7	13.4	53.4

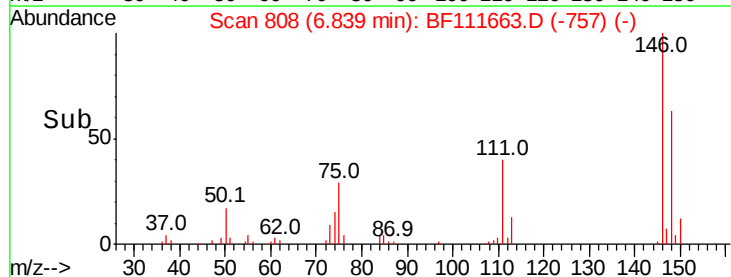
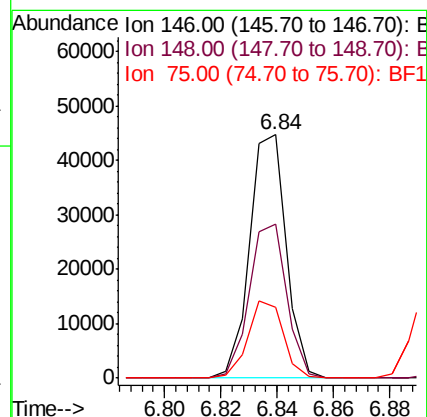
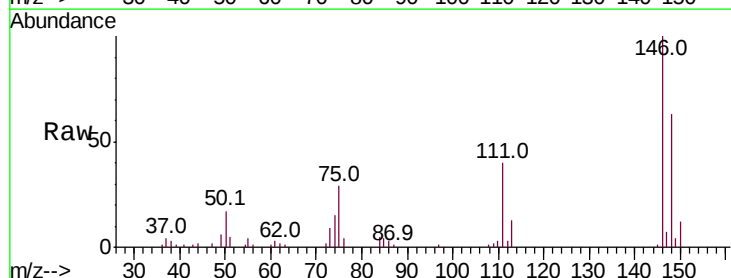
Manual Integrations
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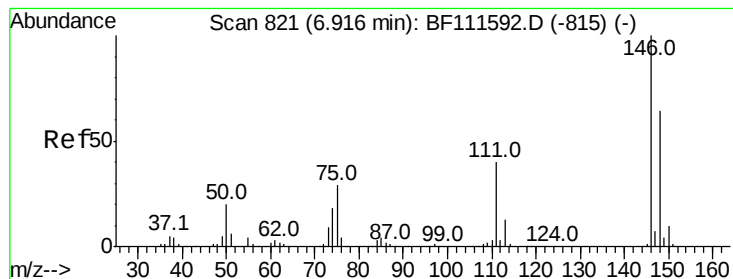
Sohil
12/21/2018 2:46:55 PM



#12
1,3-Dichlorobenzene
Concen: 2.756 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	146	Resp:	40243
Ion Ratio	100	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	29.1	23.9	35.9





#13

1,4-Dichlorobenzene

Concen: 2.734 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

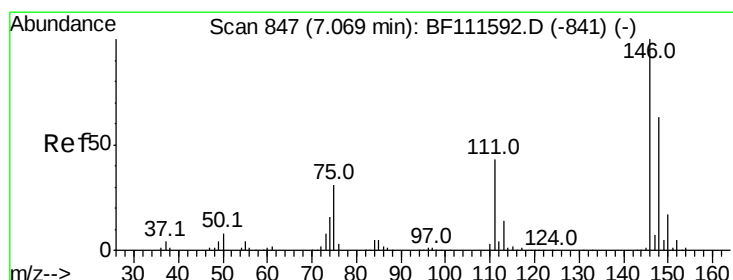
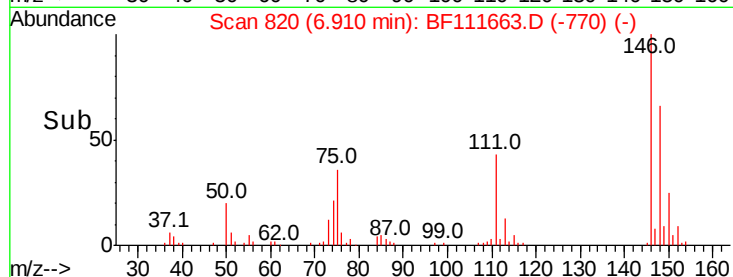
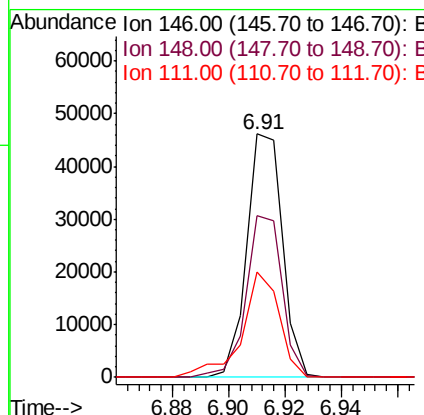
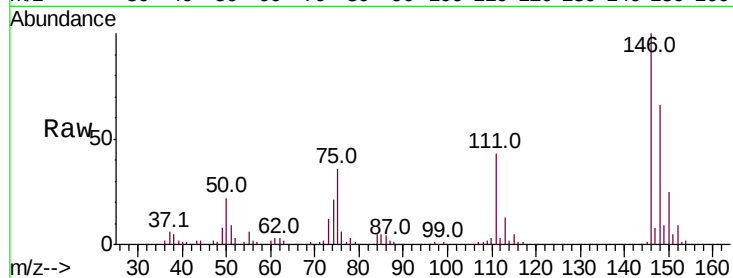
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	146	Resp:	40492
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.8	79.2
111	43.0	33.4	50.0

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#14

1,2-Dichlorobenzene

Concen: 2.906 ng

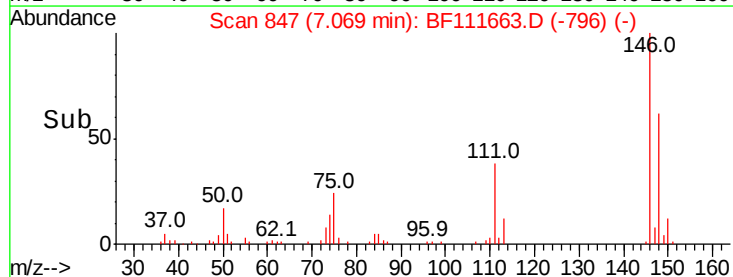
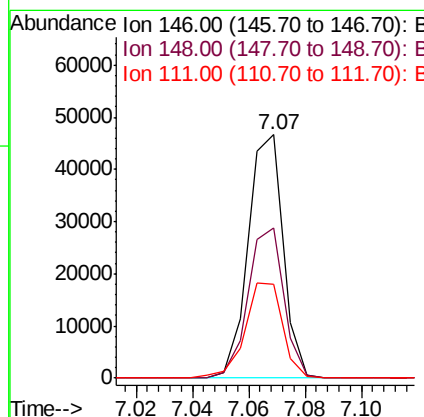
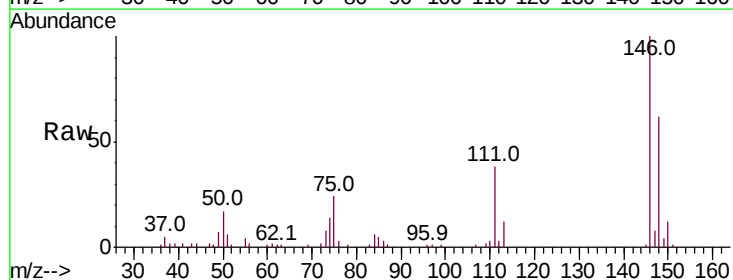
RT: 7.07 min Scan# 847

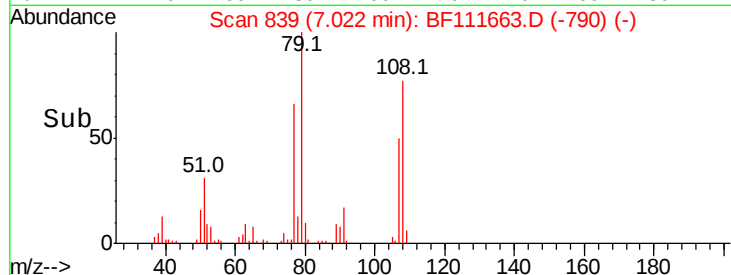
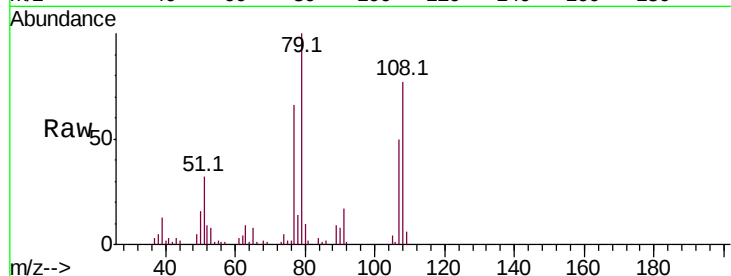
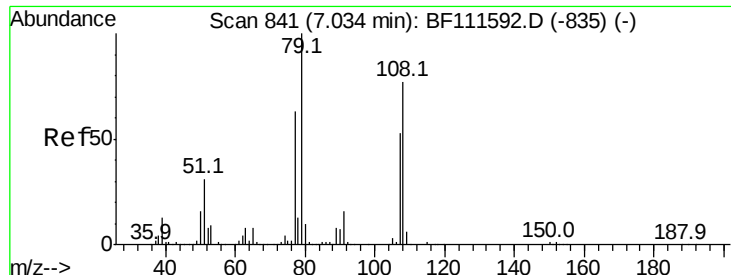
Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion:	146	Resp:	40150
Ion Ratio	Lower	Upper	
146	100		
148	61.5	51.9	77.9
111	38.5	36.2	54.4





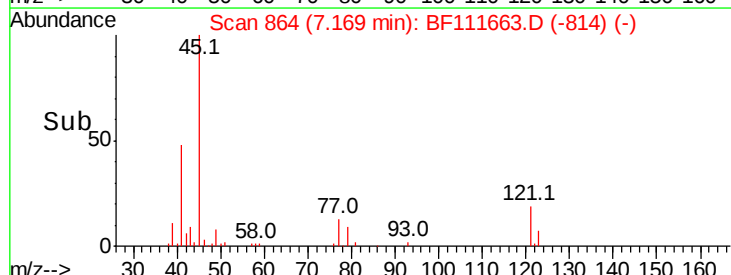
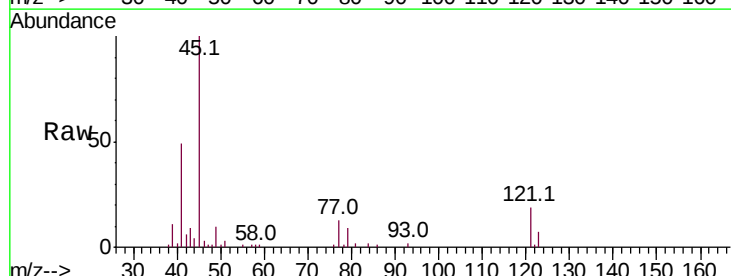
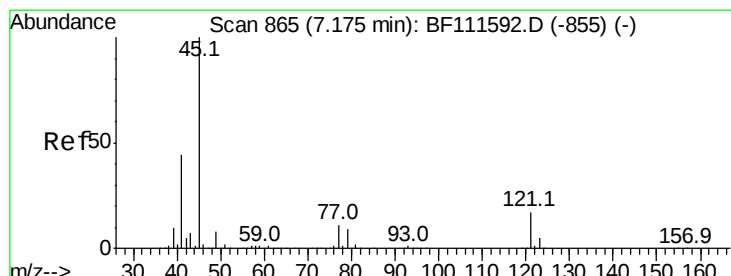
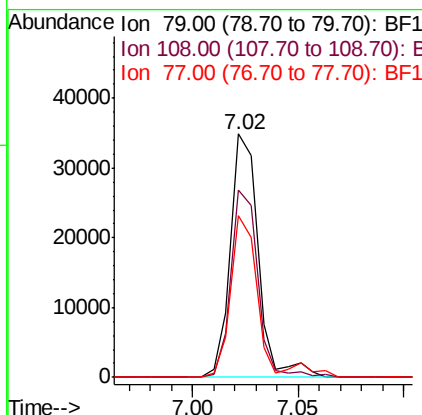
#15
Benzyl Alcohol
Concen: 2.766 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	69.4	104.2
77	66.3	49.7	74.5

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

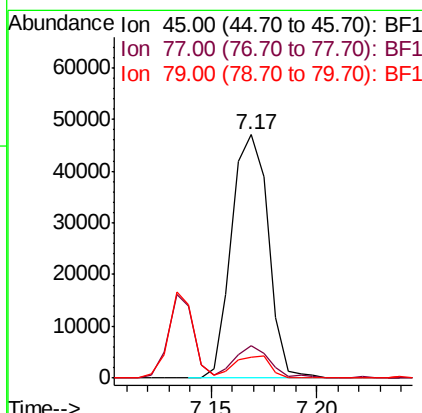
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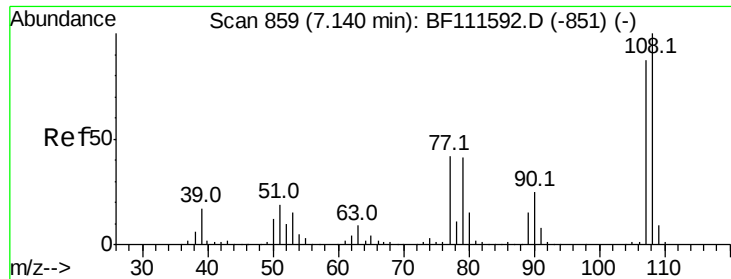
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.513 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	31.5
79	8.8	0.0	28.9





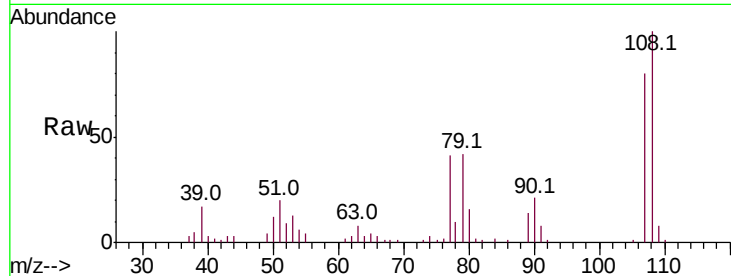
#17
2-Methylphenol
Concen: 2.865 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	124.5	91.0	136.4
77	51.0	33.5	50.3
79	52.1	33.3	49.9

Manual Integrations
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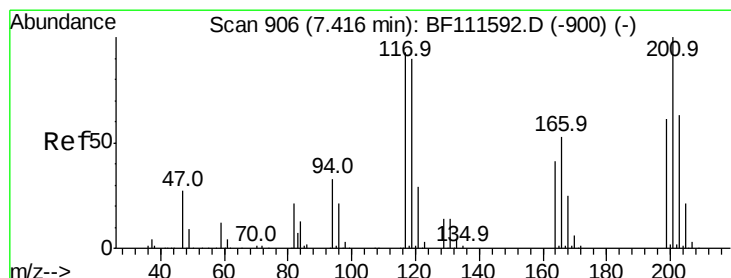
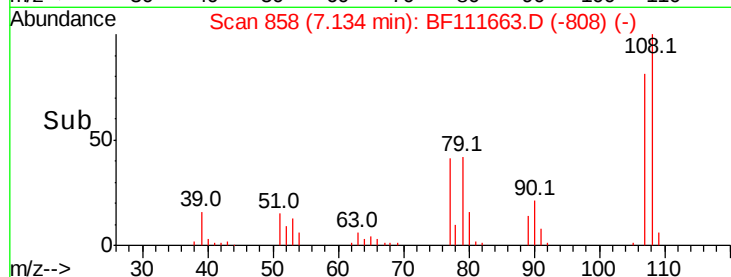
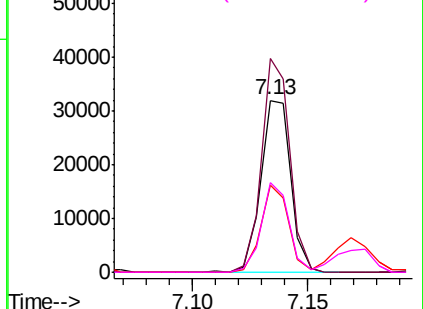
Abundance

Ion 107.00 (106.70 to 107.70): E

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: 1.912 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

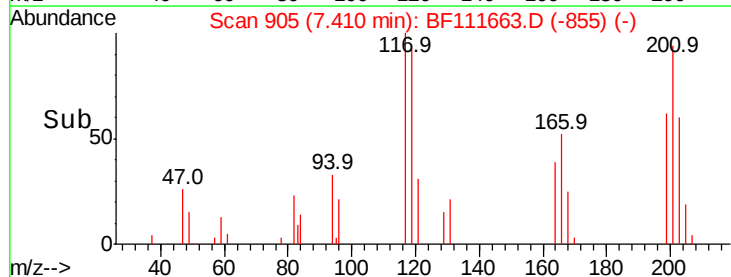
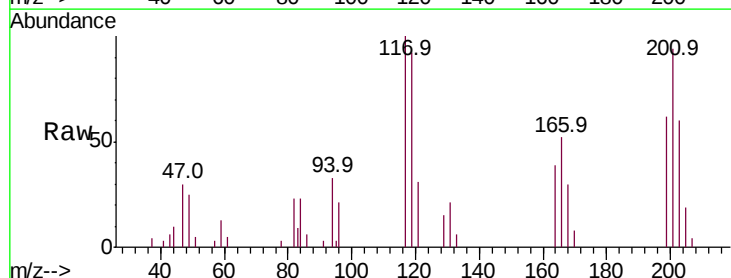
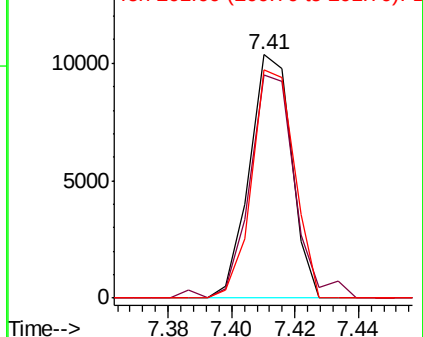
Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.7	75.4	113.0
201	93.5	62.4	93.6

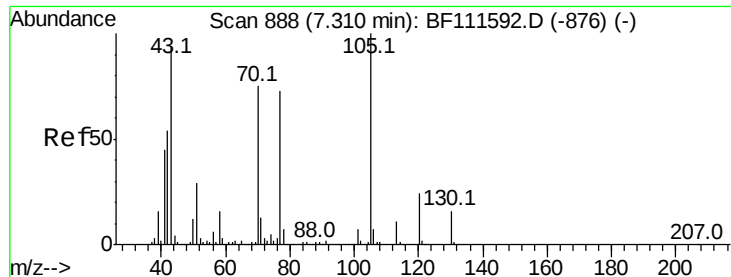
Abundance

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





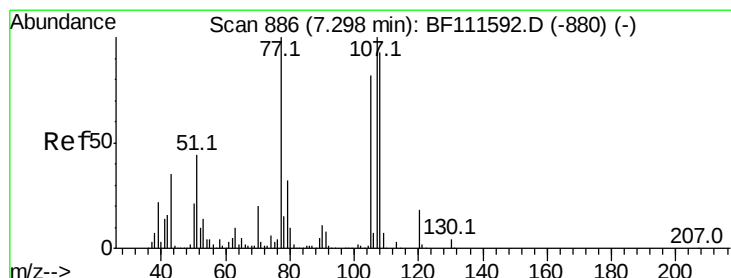
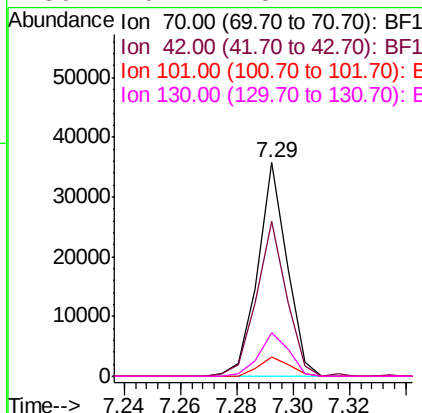
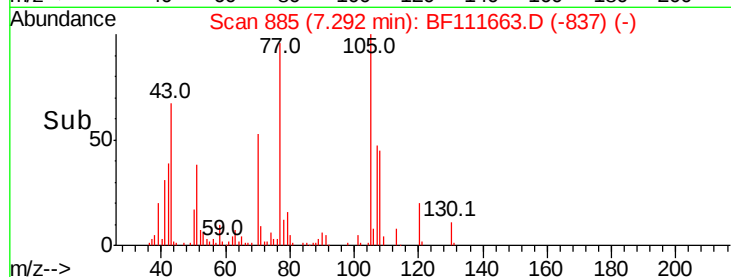
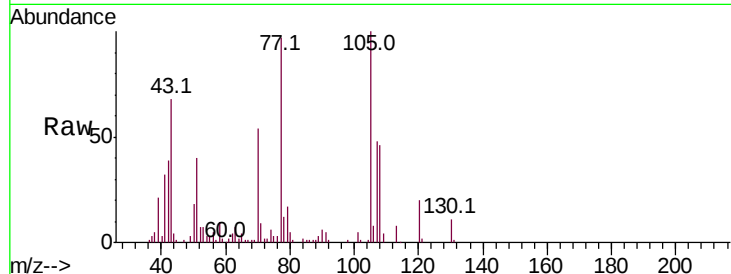
#19
n-Nitroso-di-n-propylamine
Concen: 2.681 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	53.2	79.8
101	8.9	8.2	12.4
130	20.4	18.1	27.1

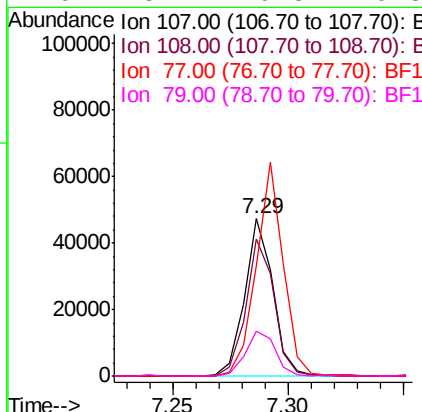
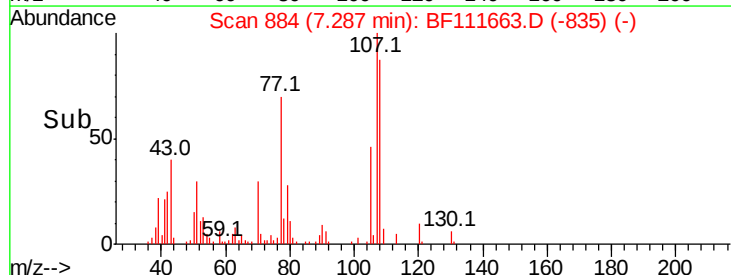
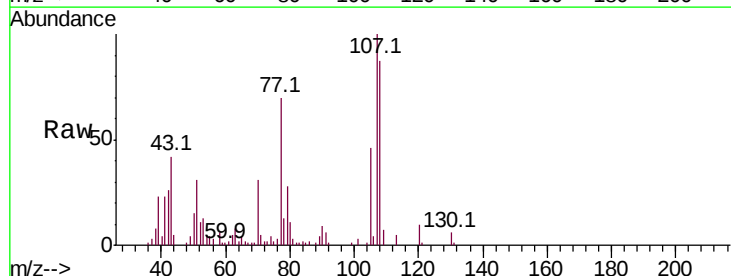
Manual Integrations
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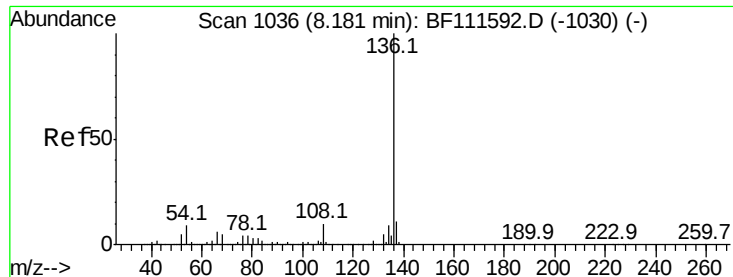
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#20
3+4-Methylphenols
Concen: 3.161 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	72.1	112.1
77	69.9	94.1	134.1#
79	28.2	9.8	49.8





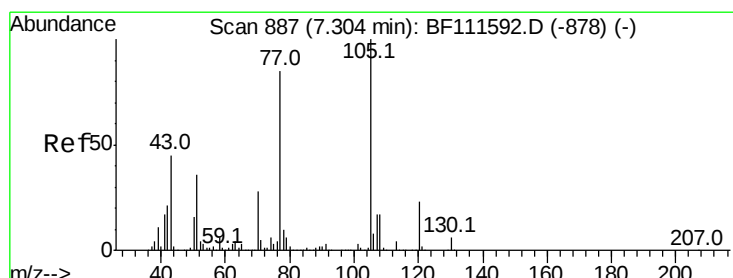
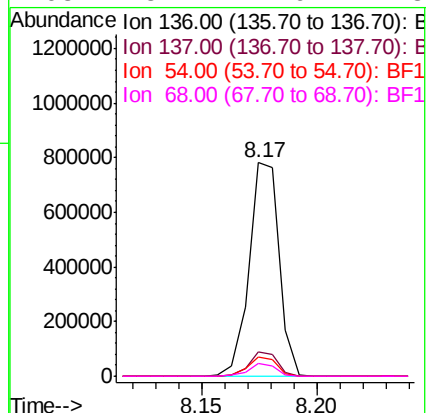
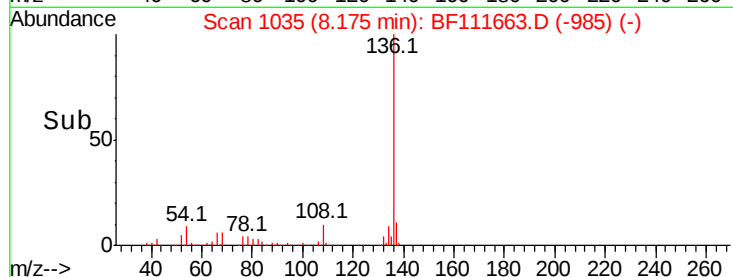
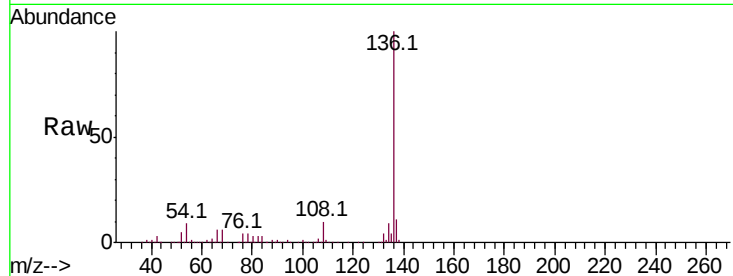
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	9.2	7.7	11.5	
68	5.7	4.9	7.3	

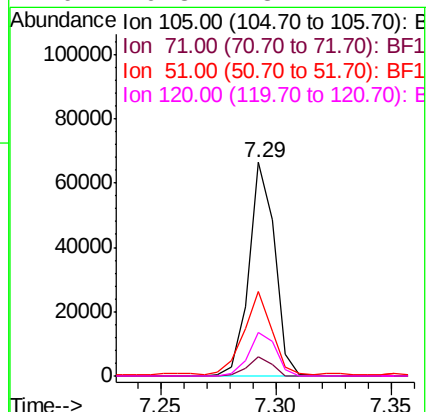
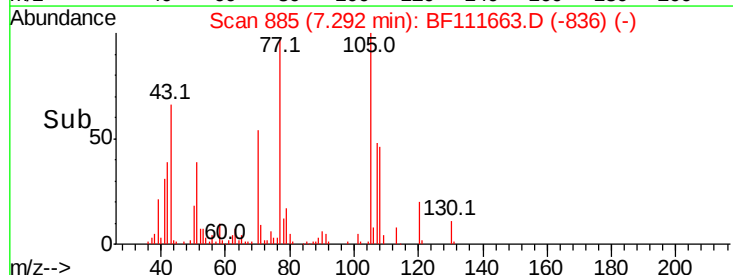
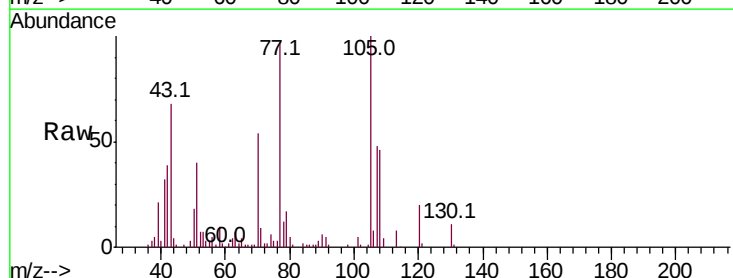
Manual Integrations
APPROVED

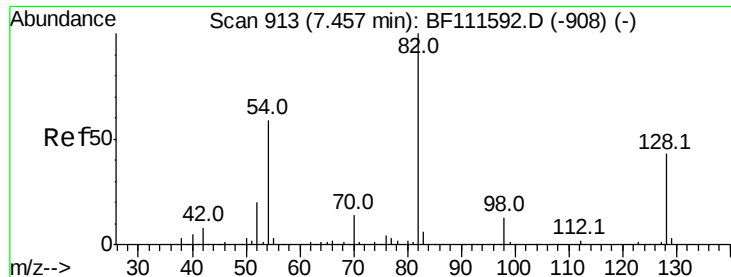
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#22
Acetophenone
Concen: 2.889 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.8	3.1	4.7#	
51	39.6	36.6	54.8	
120	20.3	18.2	27.4	





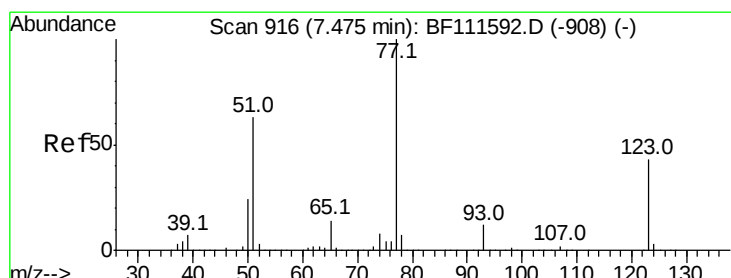
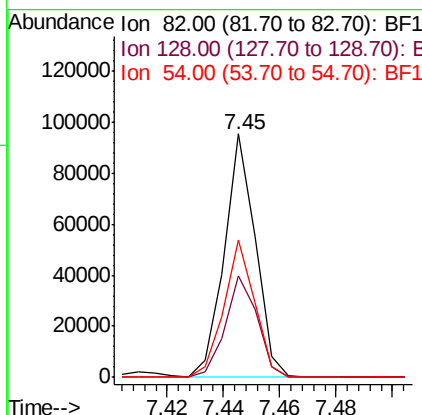
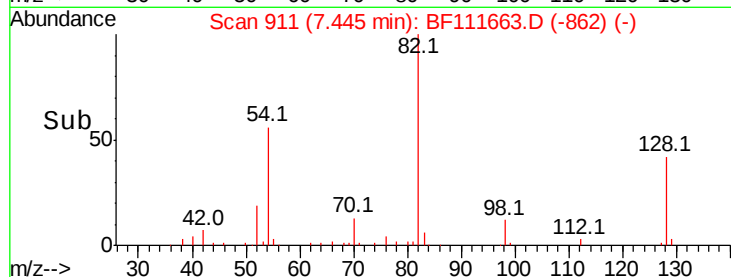
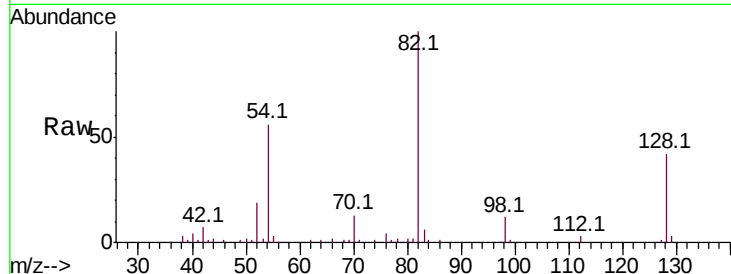
#23
Nitrobenzene-d5
Concen: 5.967 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	37.4	56.2
54	56.2	47.6	71.4

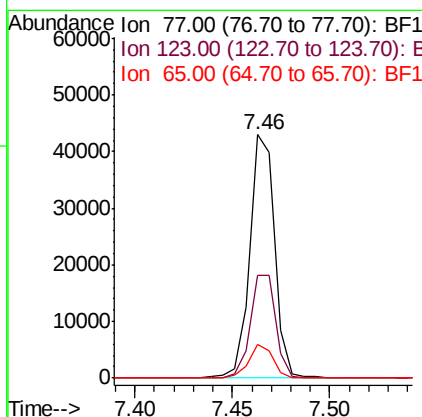
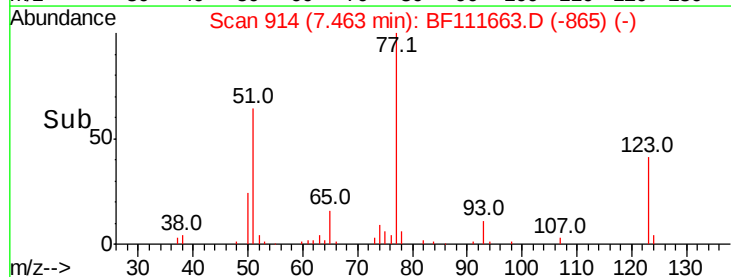
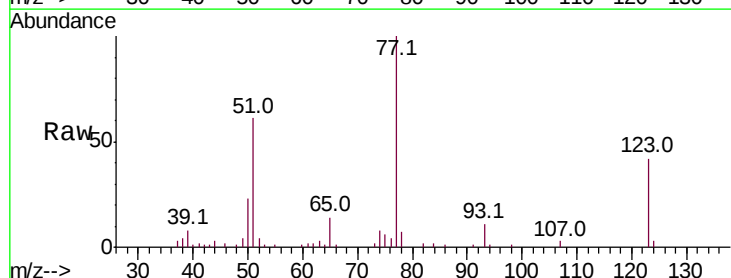
Manual Integrations
APPROVED

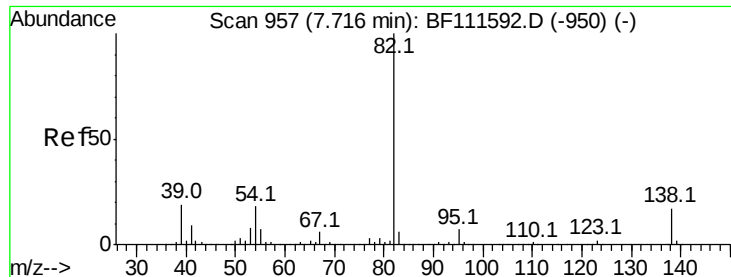
Sohil
12/21/2018 2:46:55 PM



#24
Nitrobenzene
Concen: 2.972 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	37.2	55.8
65	14.0	11.5	17.3





#25

Isophorone

Concen: 2.978 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

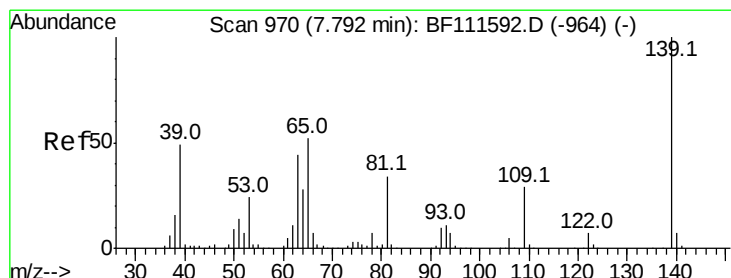
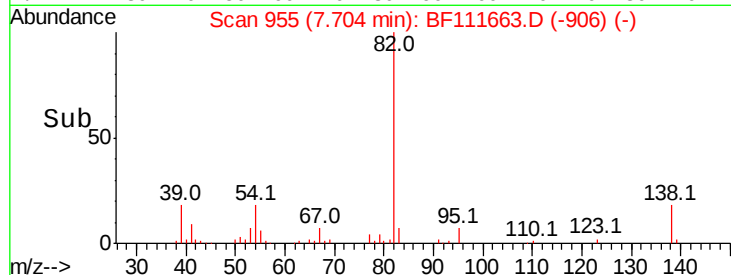
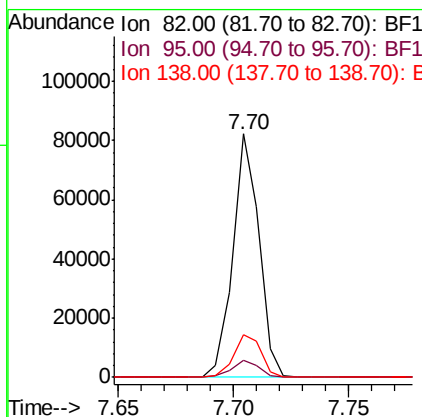
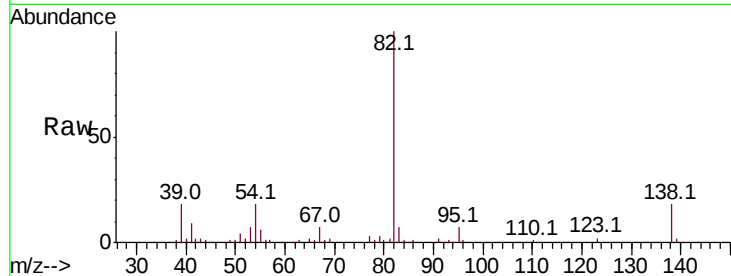
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	82	Resp:	64646
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	17.6	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 2.540 ng

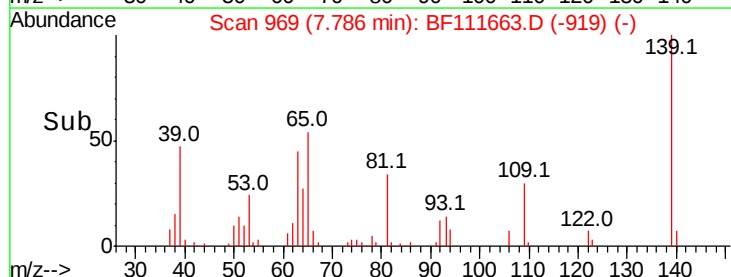
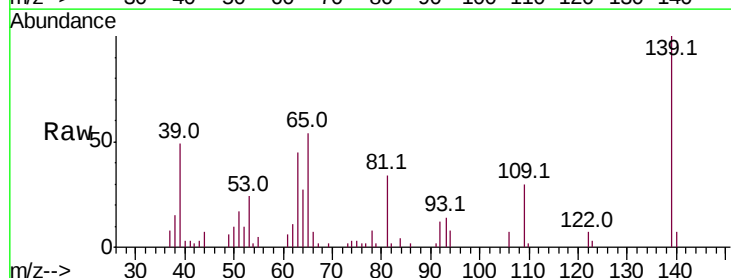
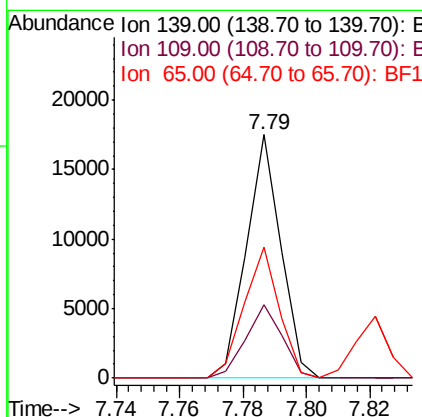
RT: 7.79 min Scan# 969

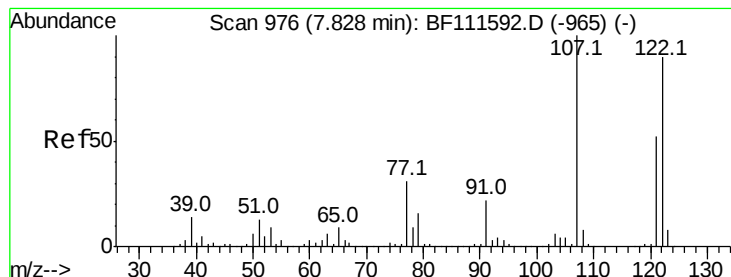
Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion:	139	Resp:	13202
Ion Ratio	Lower	Upper	
139	100		
109	30.4	20.2	30.4#
65	53.6	40.7	61.1





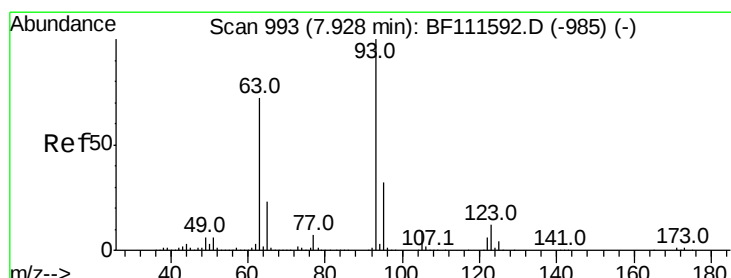
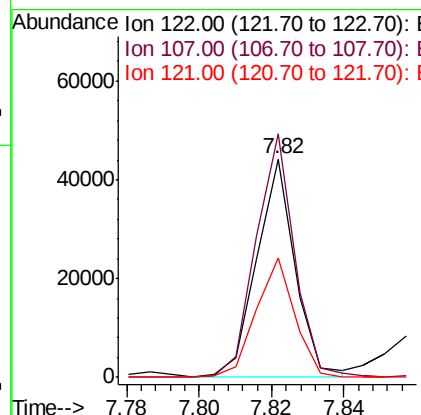
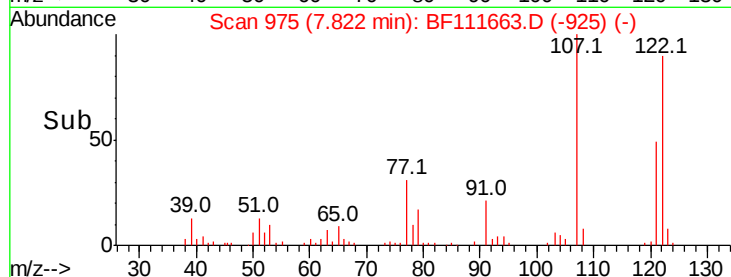
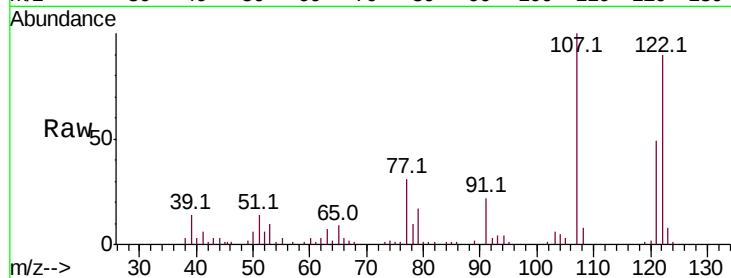
#27
 2,4-Dimethylphenol
 Concen: 3.172 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion:	122	Resp:	32500
Ion Ratio	Lower	Upper	
122	100		
107	111.3	85.5	128.3
121	54.4	46.6	70.0

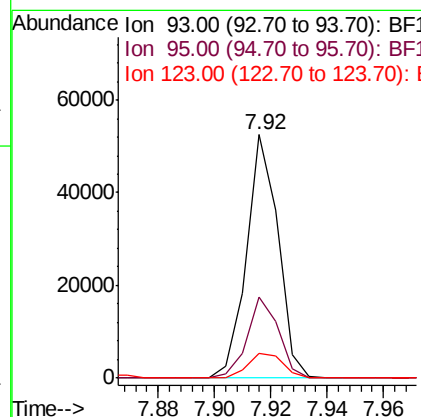
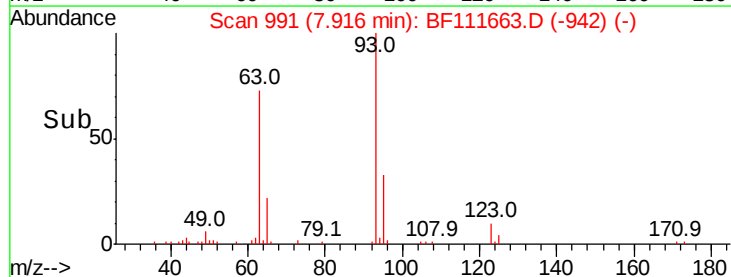
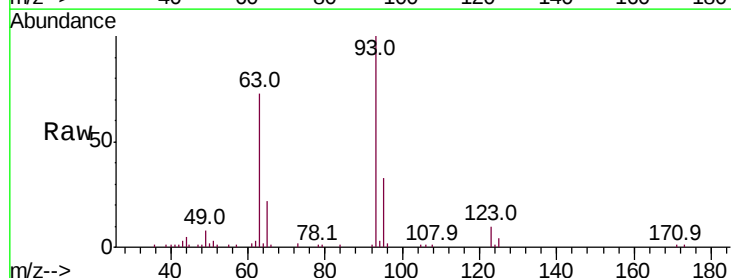
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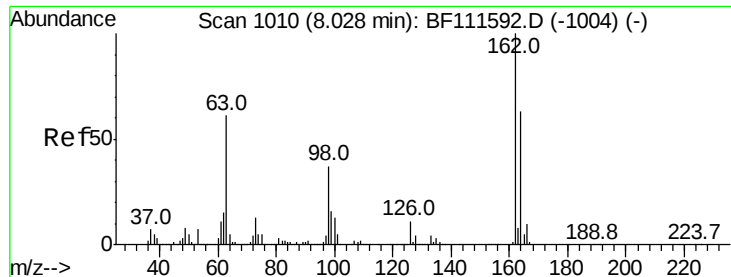
Sohil
 12/21/2018 2:46:55 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.815 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:	93	Resp:	40650
Ion Ratio	Lower	Upper	
93	100		
95	33.1	27.1	40.7
123	10.0	9.9	14.9





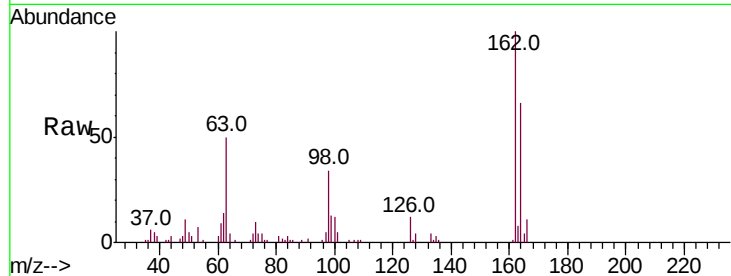
#29
2,4-Dichlorophenol
Concen: 2.596 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	28607		
164	65.6	44.4	84.4	
98	34.1	20.3	60.3	

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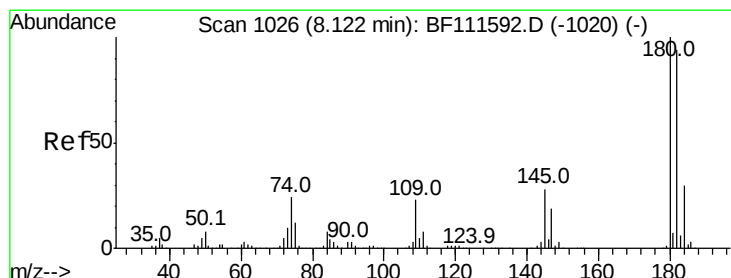
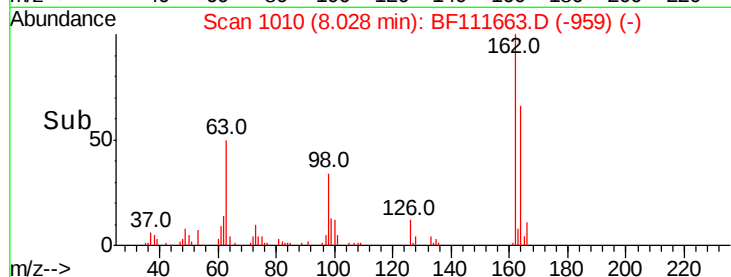
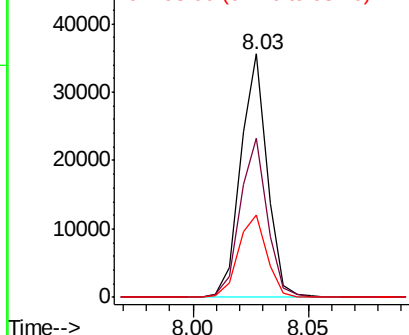


Abundance

Ion 162.00 (161.70 to 162.70): E

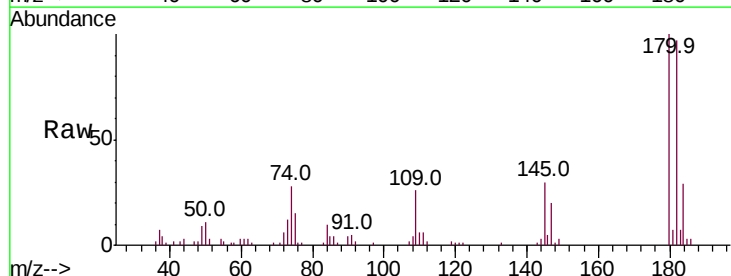
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 2.707 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	33241		
182	97.5	75.6	113.4	
145	30.2	26.7	40.1	

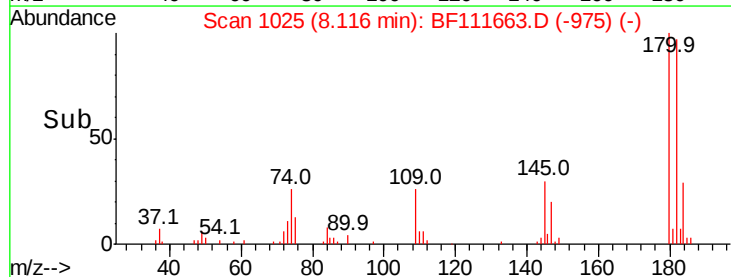
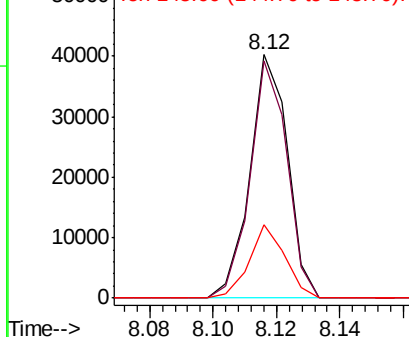


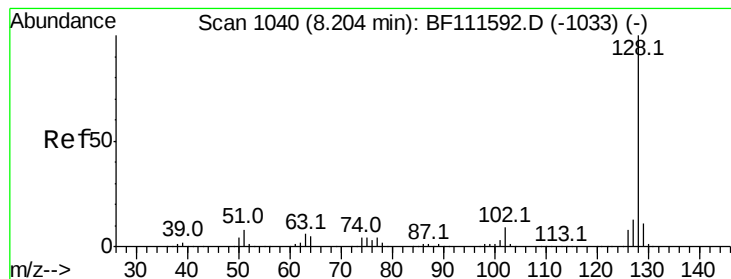
Abundance

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: 3.070 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

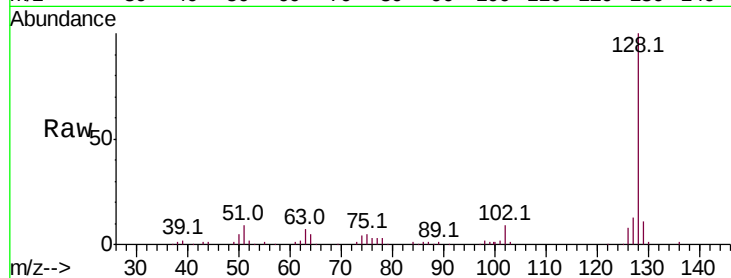
ClientSampleId :

P001-SS025-1218-01MS

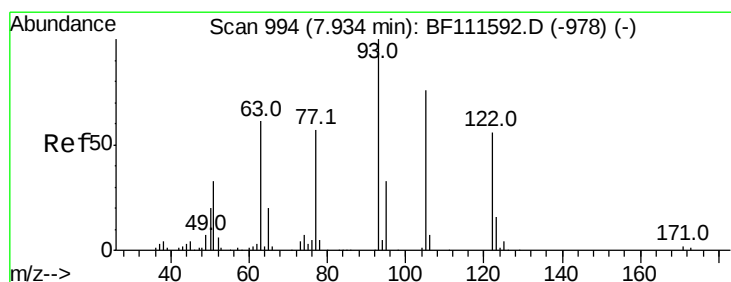
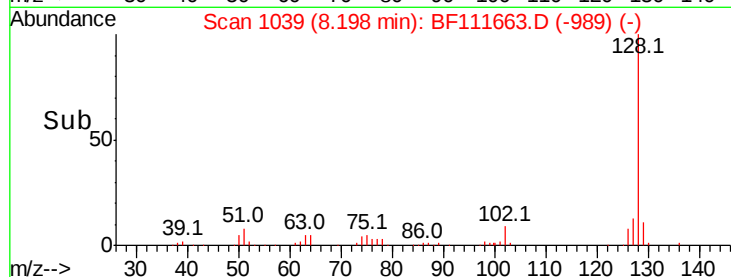
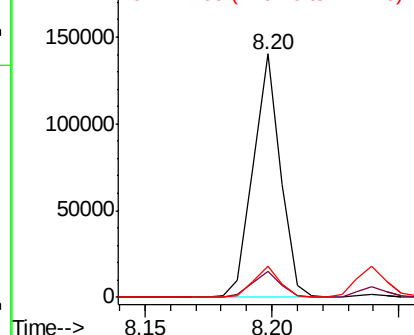
Tot Ion:128	Resp:	104973
Ion Ratio	Lower	Upper
128	100	
129	10.9	9.8 14.8
127	12.7	12.0 18.0

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



#32

Benzoic acid

Concen: 1.708 ng m

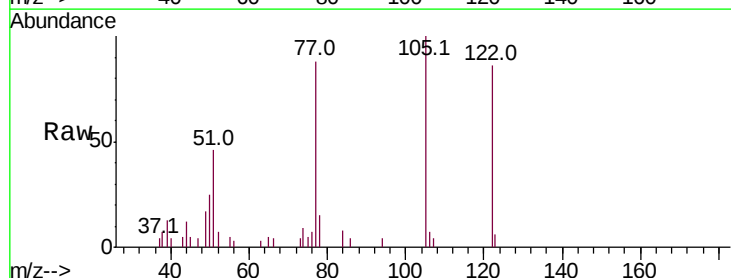
RT: 7.86 min Scan# 981

Delta R.T. -0.08 min

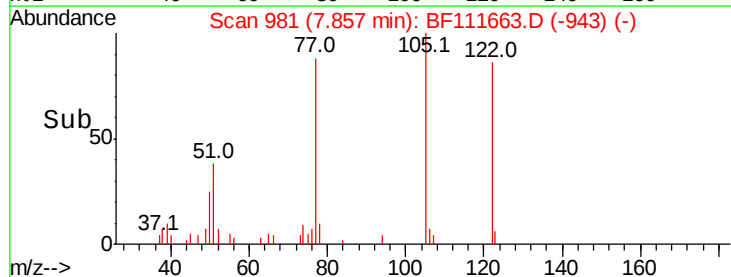
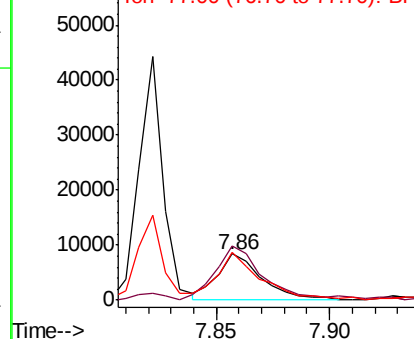
Lab File: BF111663.D

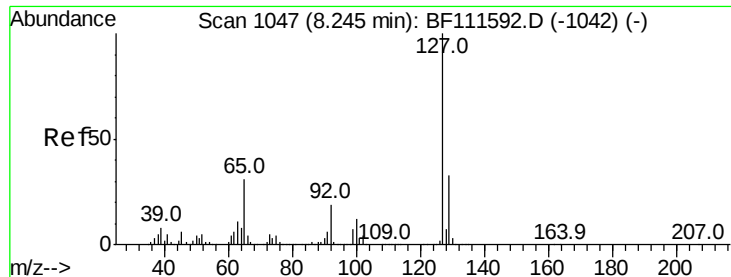
Acq: 21 Dec 2018 2:32

Tgt Ion:122	Resp:	11566
Ion Ratio	Lower	Upper
122	100	
105	116.6	97.0 137.0
77	102.1	65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





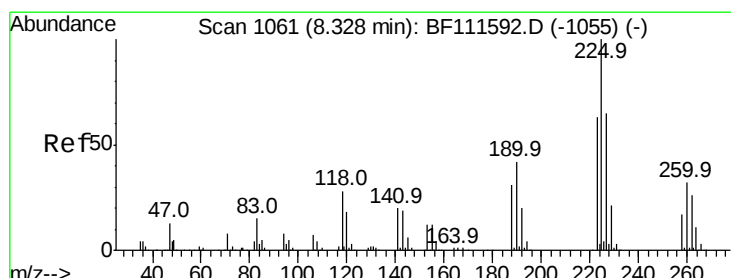
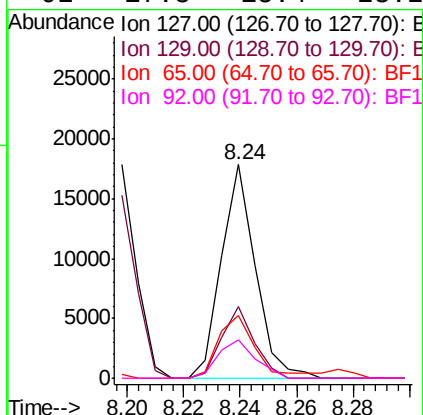
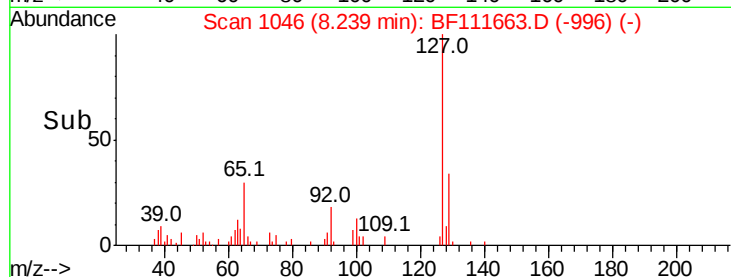
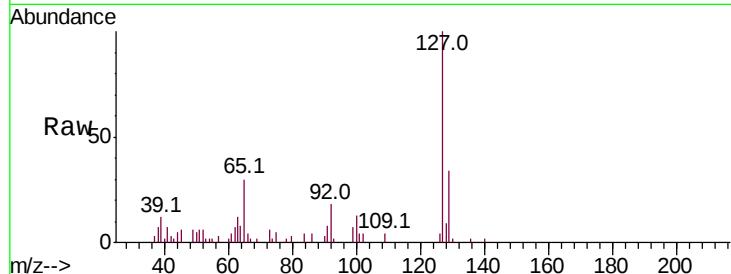
#33
4-Chloroaniline
Concen: 1.013 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.8	26.6	39.8		
65	29.5	25.7	38.5		
92	17.8	15.4	23.2		

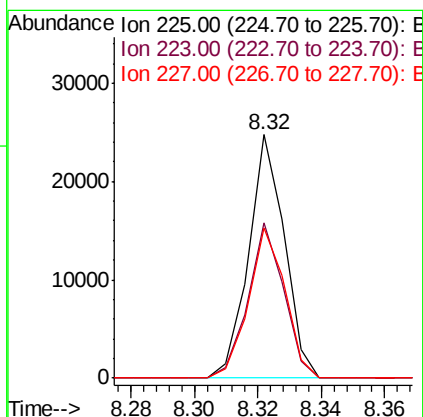
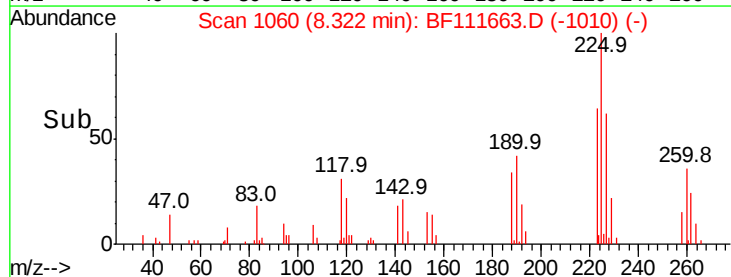
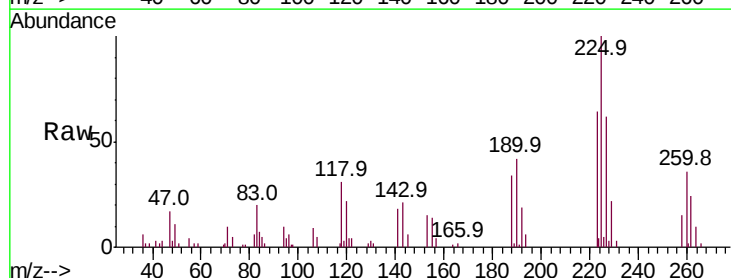
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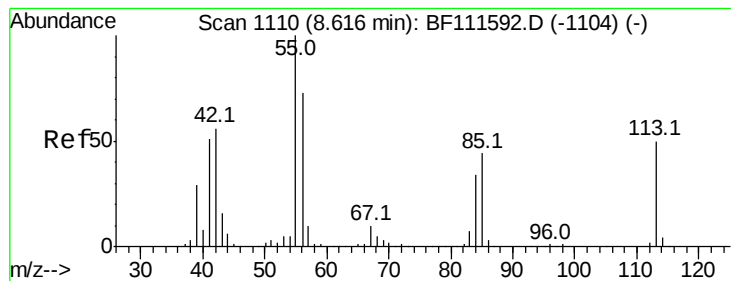
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#34
Hexachlorobutadiene
Concen: 2.584 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.7	76.1		
227	61.7	52.6	78.8		





#35

Caprolactam

Concen: 1.987 ng/ml

RT: 8.56 min Scan# 1100

Delta R.T. -0.06 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-01MS

Tot Ion: 113 Resp: 7420

Ion Ratio Lower Upper

113 100

55 218.7 184.1 224.1

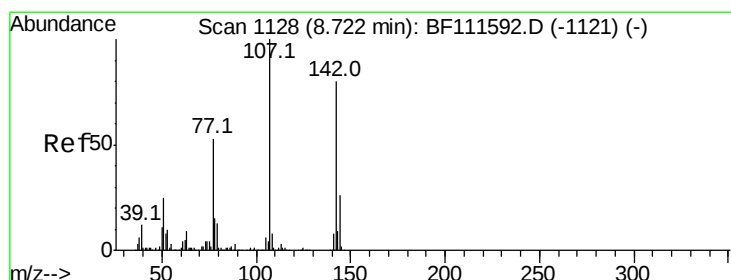
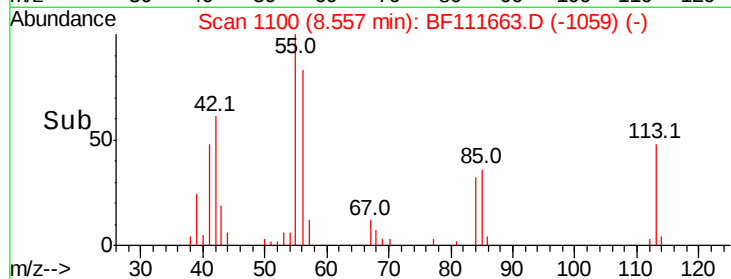
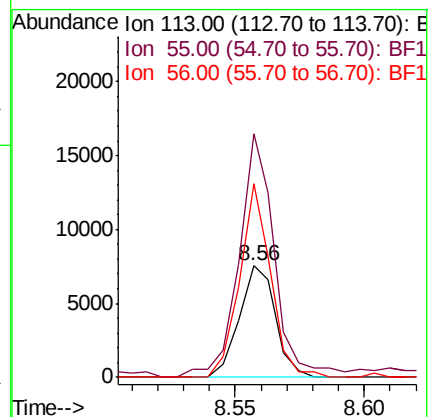
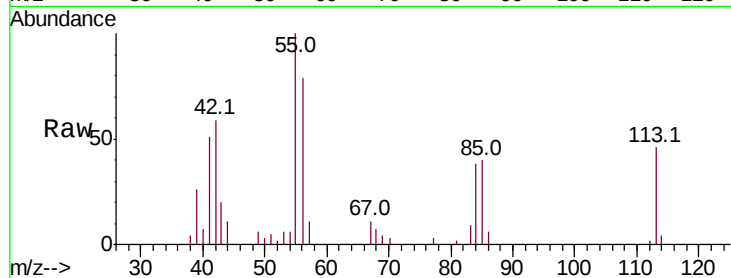
56 173.6 126.0 166.0#

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#36

4-Chloro-3-methylphenol

Concen: 2.571 ng/ml

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

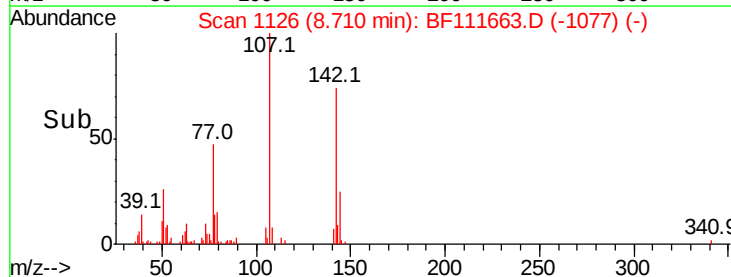
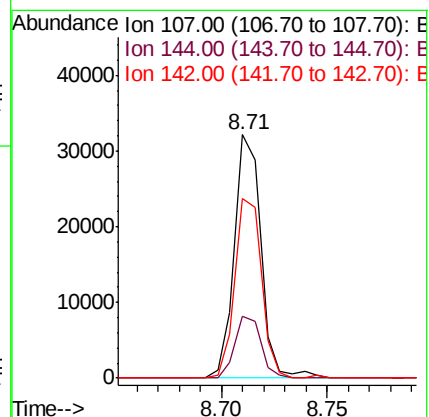
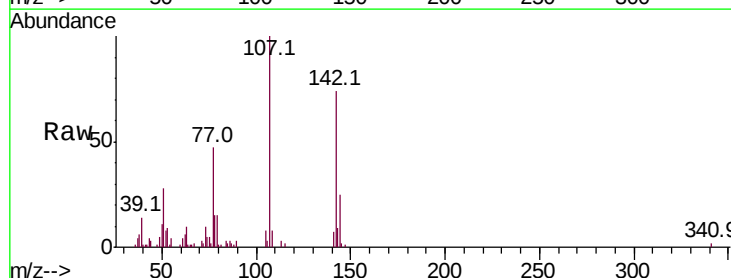
Tgt Ion: 107 Resp: 27844

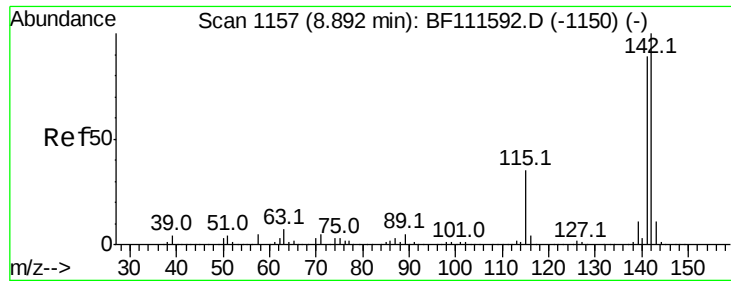
Ion Ratio Lower Upper

107 100

144 25.4 19.8 29.6

142 73.9 62.3 93.5





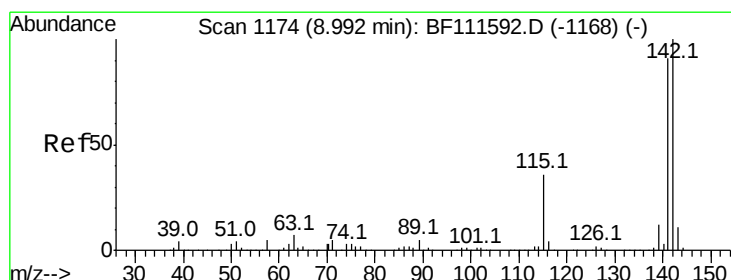
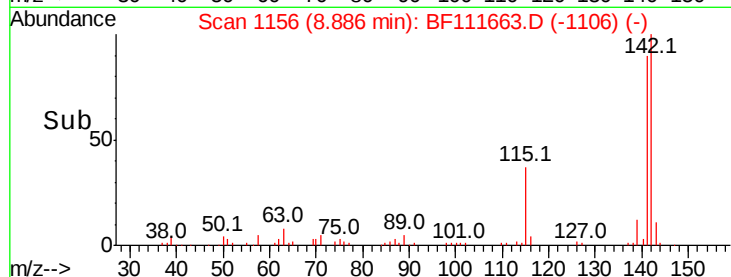
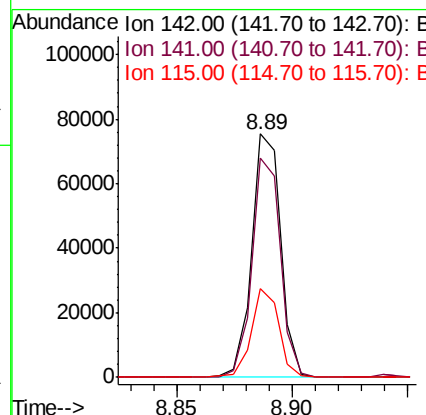
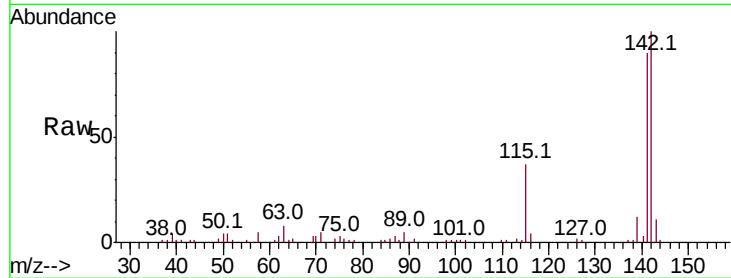
#37
2-Methylnaphthalene
Concen: 2.983 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.6	105.8
115	36.7	27.0	40.6

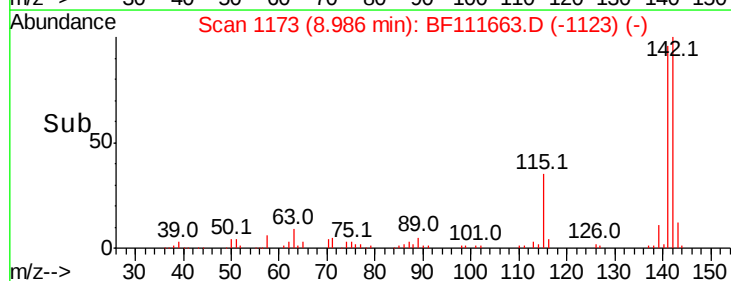
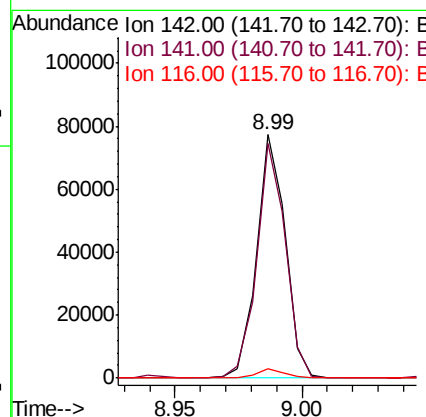
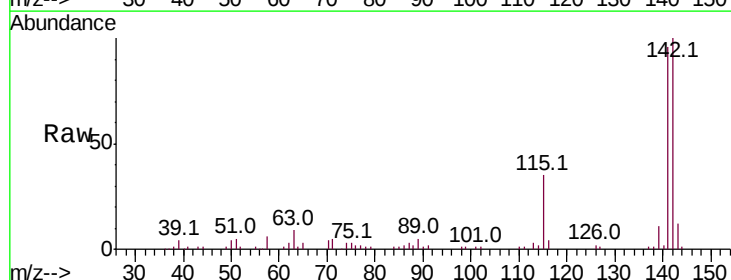
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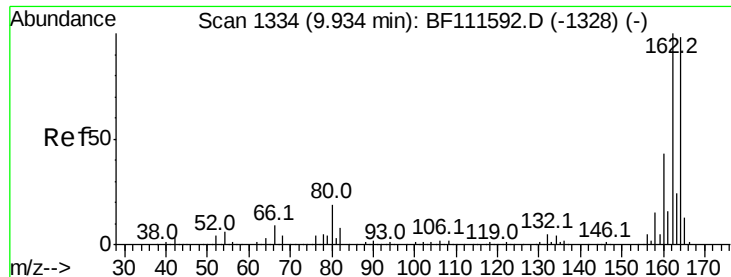
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#38
1-Methylnaphthalene
Concen: 2.852 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	74.2	111.4
116	4.0	2.9	4.3





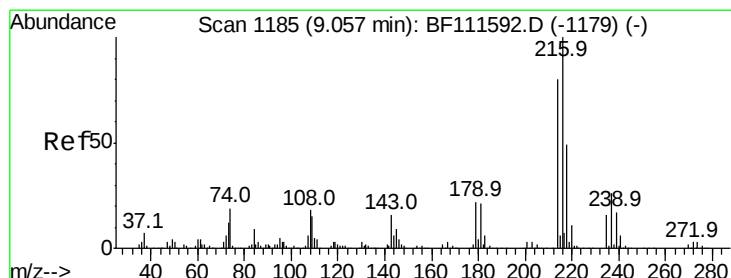
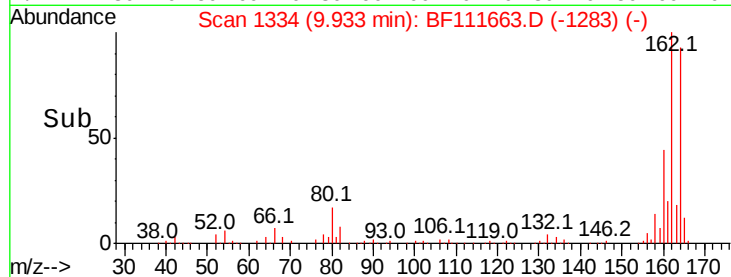
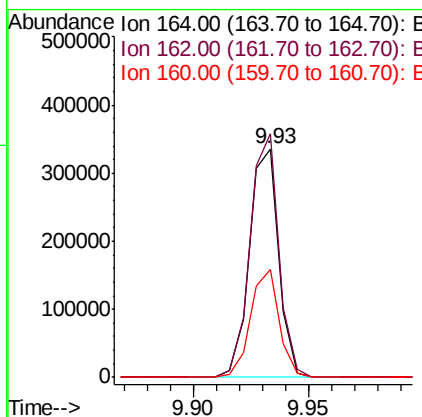
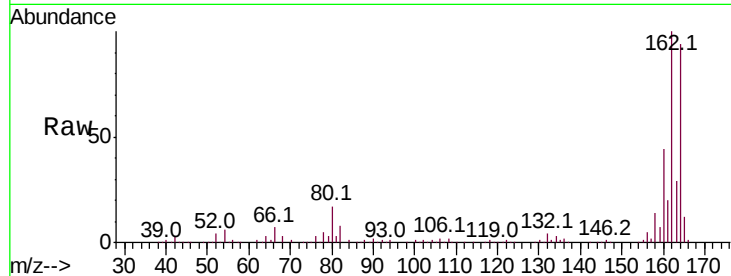
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	297101		
162	106.5	81.4	122.0	
160	47.3	35.7	53.5	

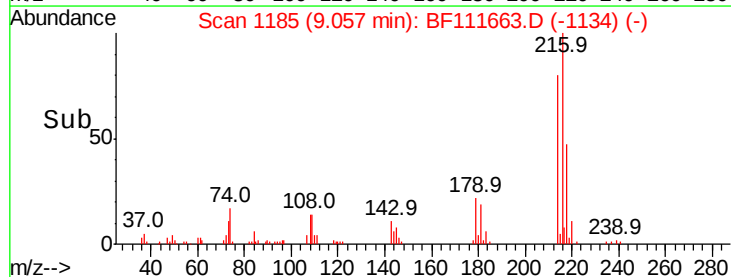
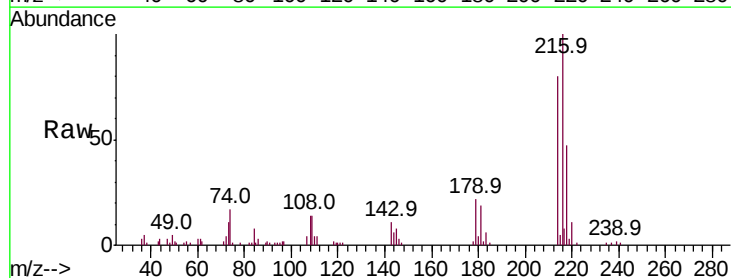
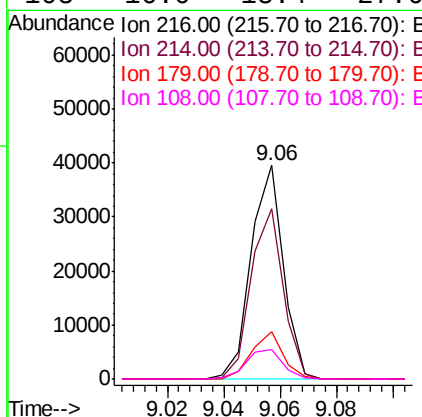
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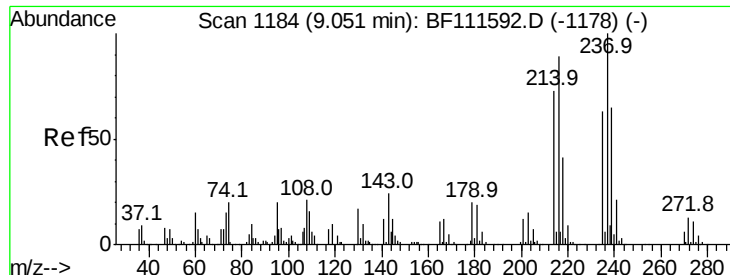
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.208 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	31323		
214	80.3	63.8	95.8	
179	21.7	17.9	26.9	
108	16.0	18.4	27.6	#





#41

Hexachlorocyclopentadiene

Concen: 0.586 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

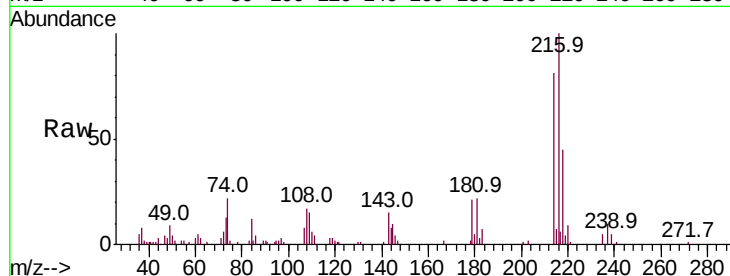
ClientSampleId :

P001-SS025-1218-01MS

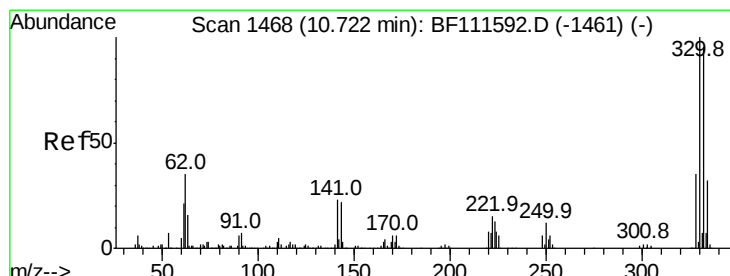
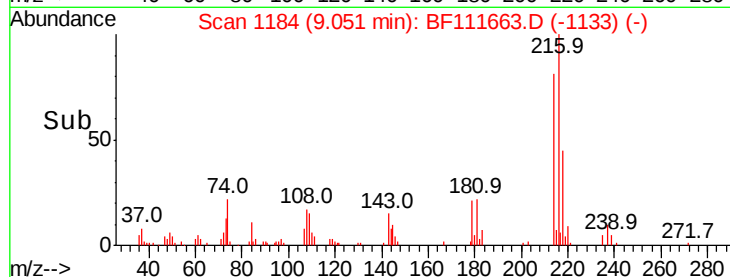
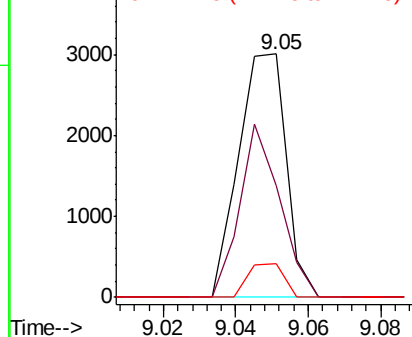
Tot Ion:	237	Resp:	2777
Ion Ratio	Lower	Upper	
237	100		
235	45.7	43.1	83.1
272	14.0	0.0	33.0

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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



#42

2,4,6-Tribromophenol

Concen: 6.985 ng

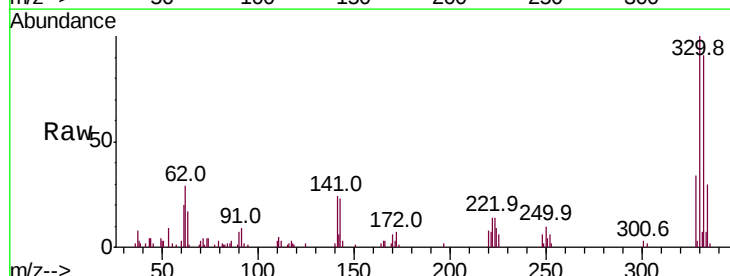
RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

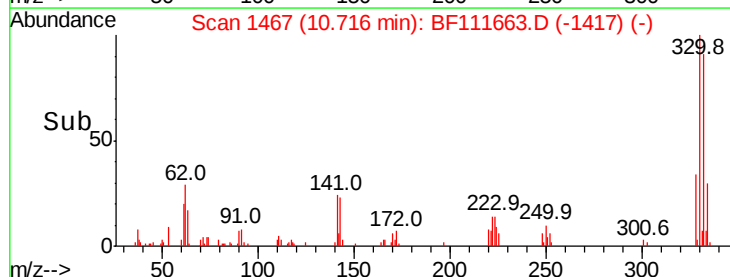
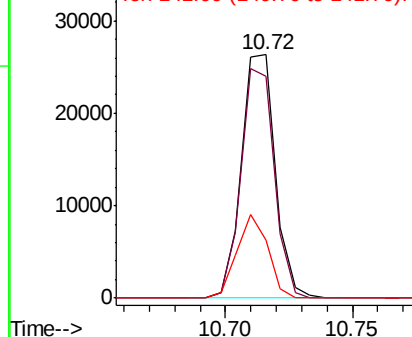
Lab File: BF111663.D

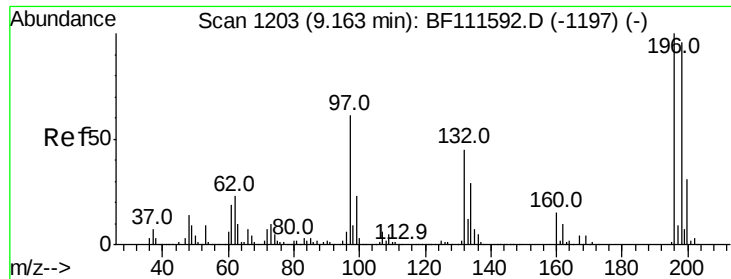
Acq: 21 Dec 2018 2:32

Tgt Ion:	330	Resp:	24520
Ion Ratio	Lower	Upper	
330	100		
332	92.7	76.0	114.0
141	31.2	31.0	46.6



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





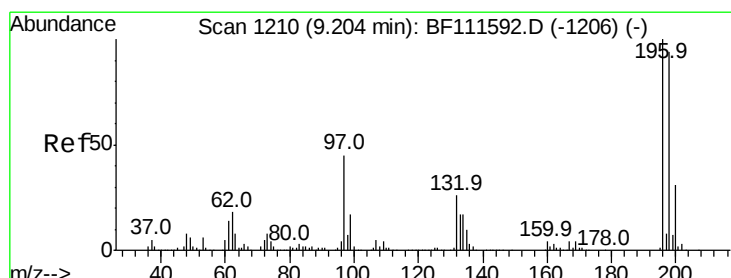
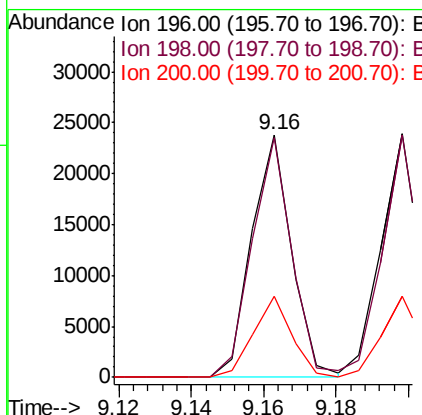
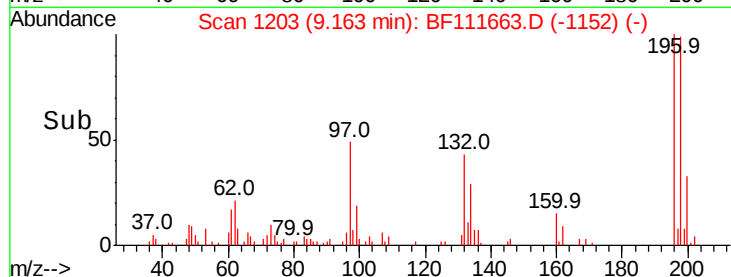
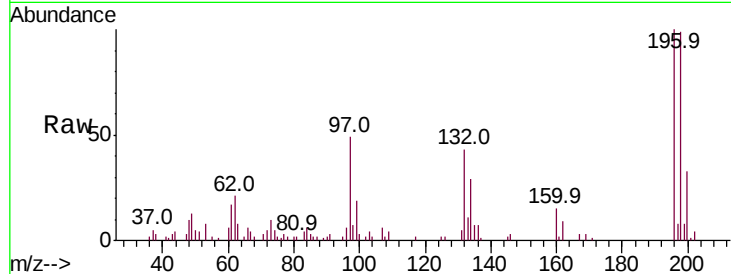
#43
 2,4,6-Trichlorophenol
 Concen: 2.793 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion:	196	Resp:	18202
Ion Ratio	Lower	Upper	
196	100		
198	99.0	76.3	114.5
200	33.4	24.9	37.3

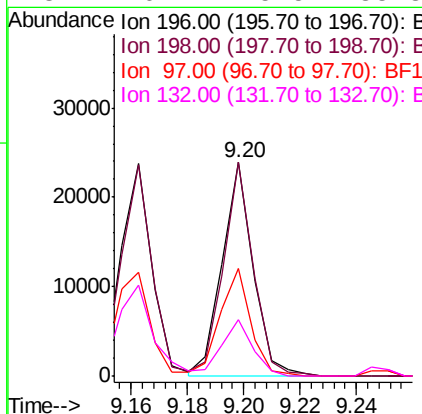
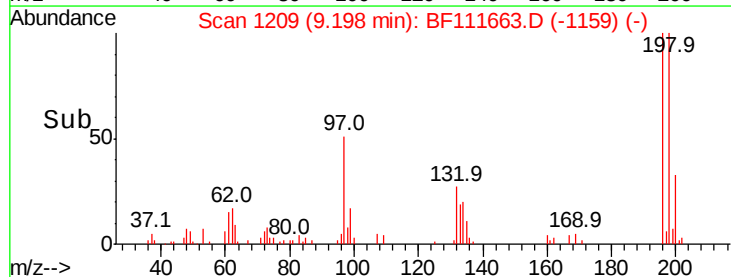
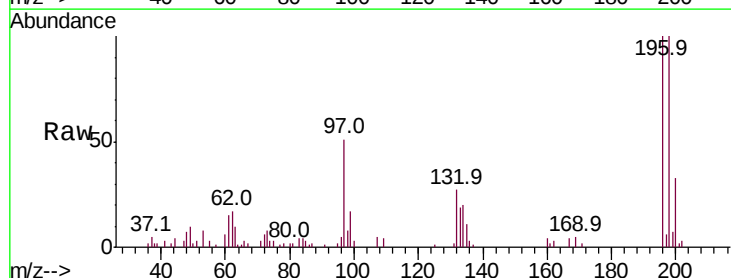
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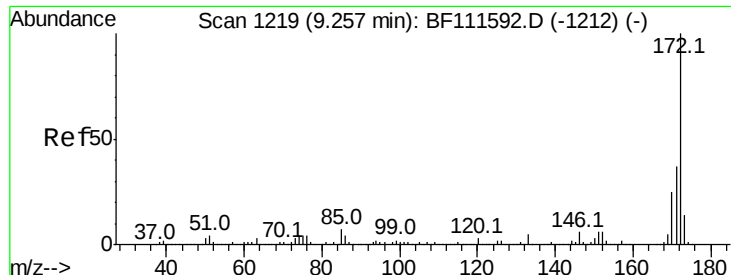
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#44
 2,4,5-Trichlorophenol
 Concen: 2.740 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion:	196	Resp:	18325
Ion Ratio	Lower	Upper	
196	100		
198	99.8	72.9	109.3
97	50.6	45.3	67.9
132	26.7	25.5	38.3





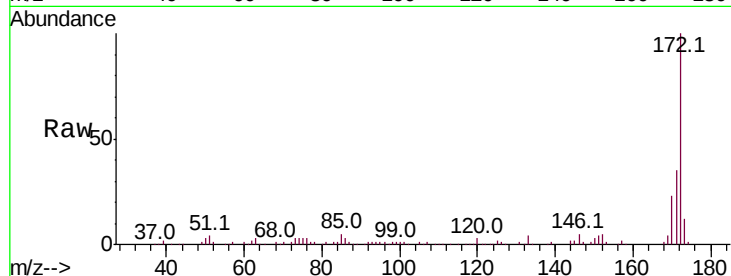
#45
2-Fluorobiphenyl
Concen: 6.923 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	34.7	33.0	49.4
170	22.7	22.3	33.5

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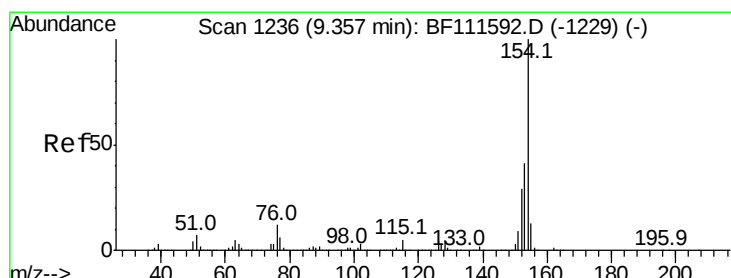
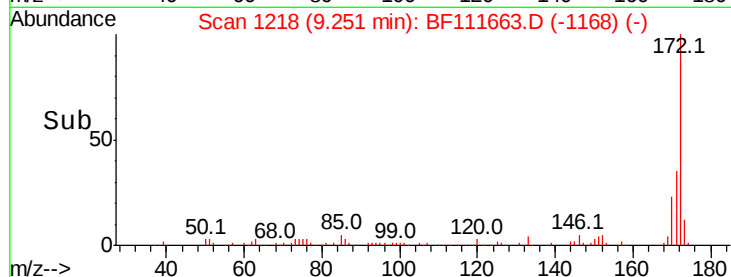
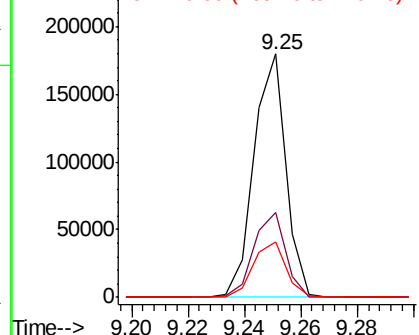


Abundance

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



#46
1,1'-Biphenyl
Concen: 3.274 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

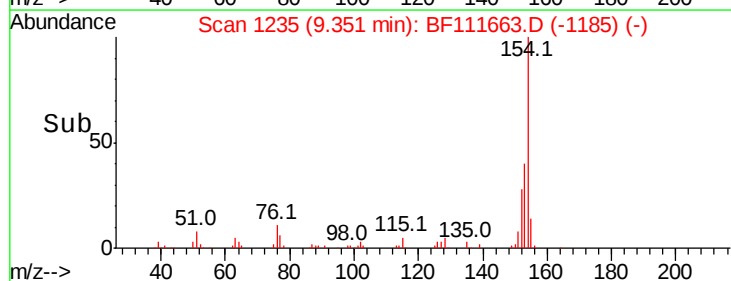
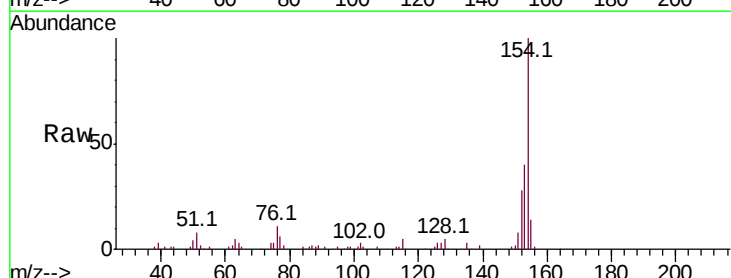
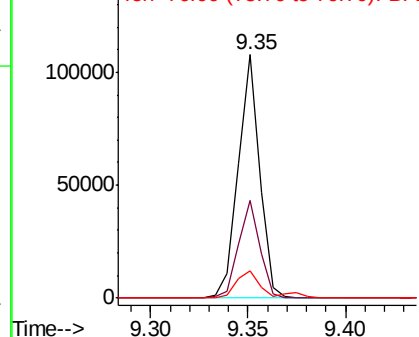
Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.1	23.7	63.7
76	11.2	0.0	35.0

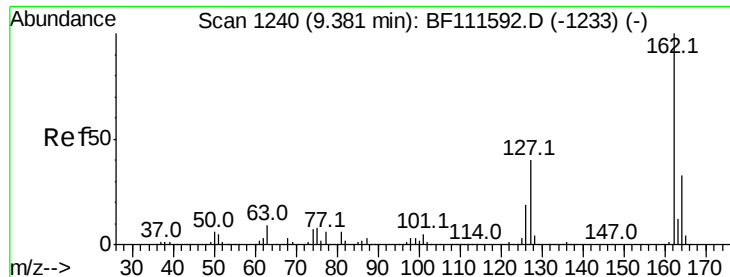
Abundance

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





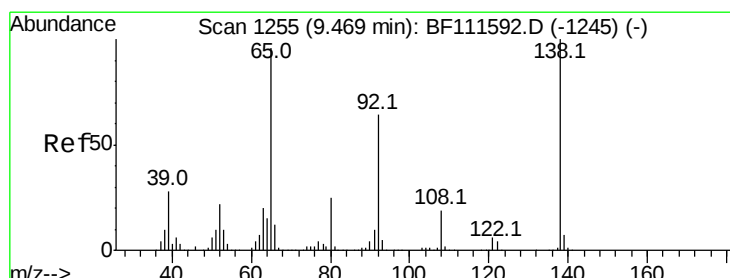
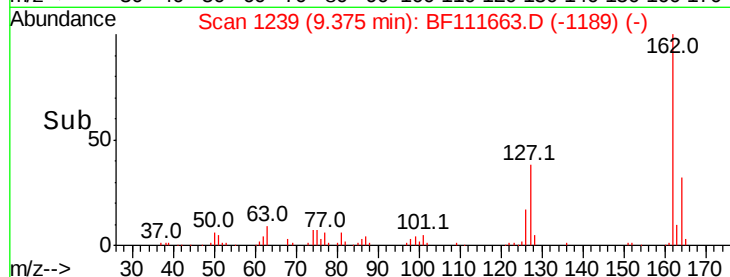
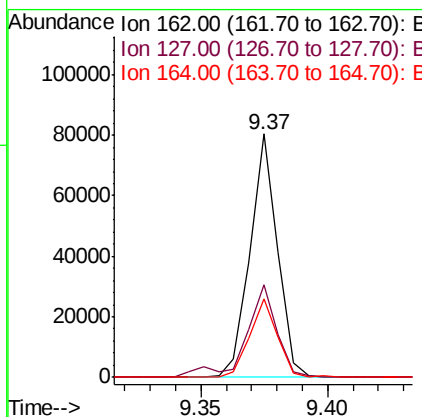
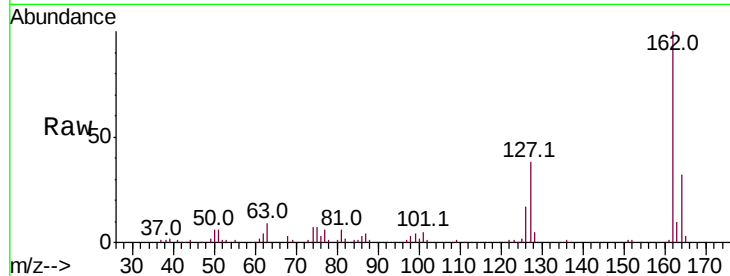
#47
2-Chloronaphthalene
Concen: 3.040 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	60408		
127	38.1		35.0	52.4
164	32.2		28.4	42.6

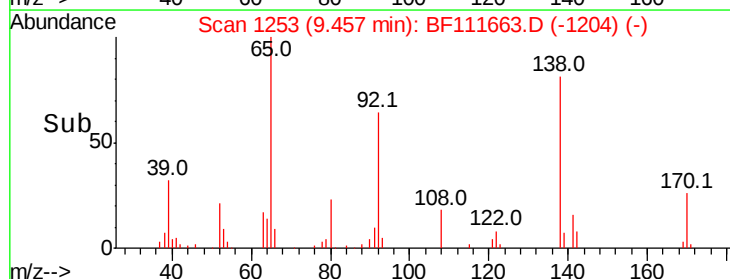
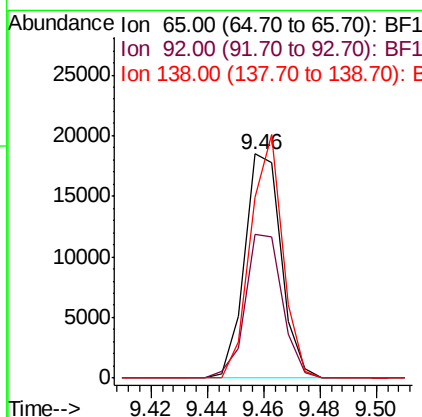
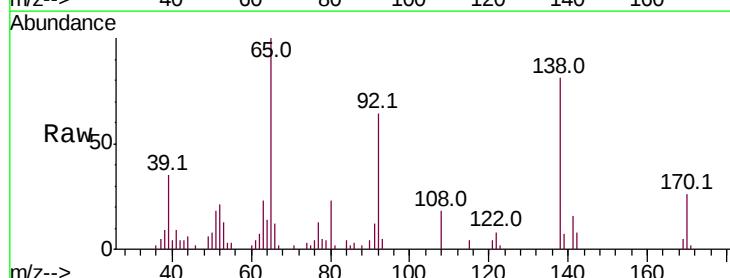
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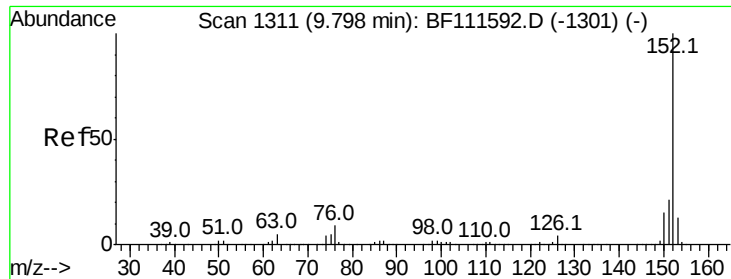
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#48
2-Nitroaniline
Concen: 3.222 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	16654		
92	64.0		53.5	80.3
138	80.6		80.9	121.3#





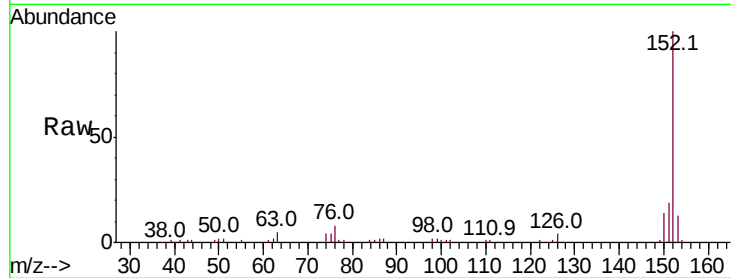
#49
Acenaphthylene
Concen: 3.077 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	19.3	18.0	27.0
153	12.7	12.3	18.5

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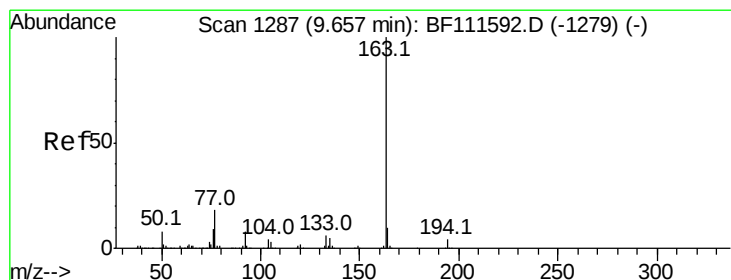
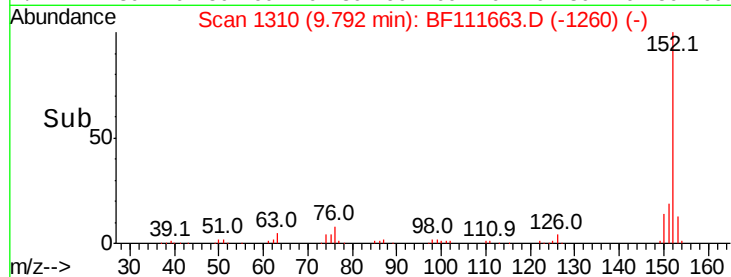
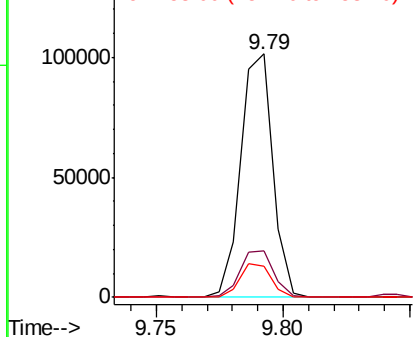


Abundance

Ion 152.00 (151.70 to 152.70): E

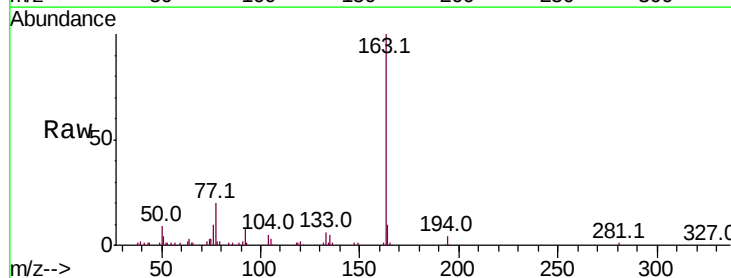
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 3.541 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	8.9	13.3

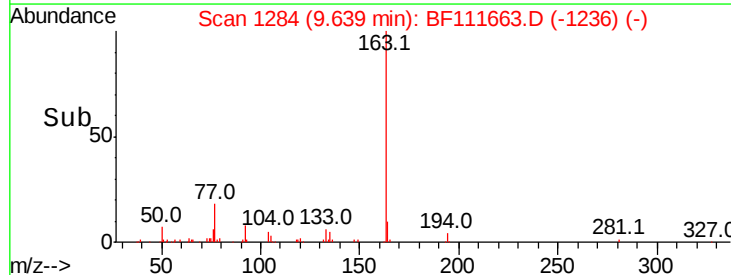
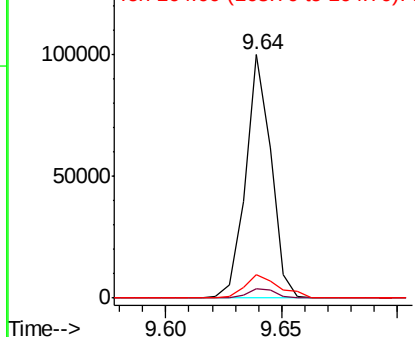


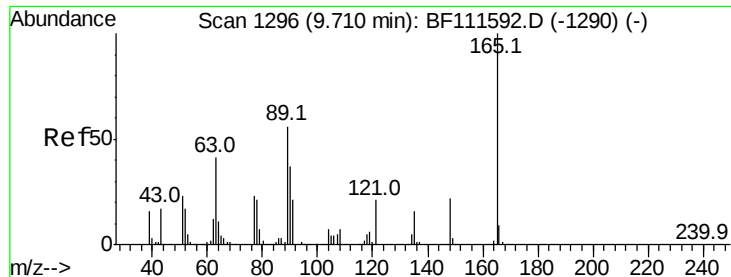
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





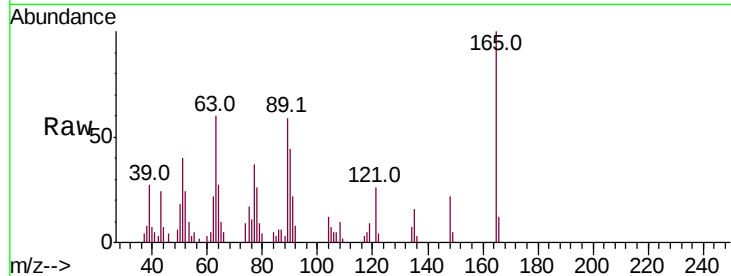
#51
2,6-Dinitrotoluene
Concen: 2.481 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

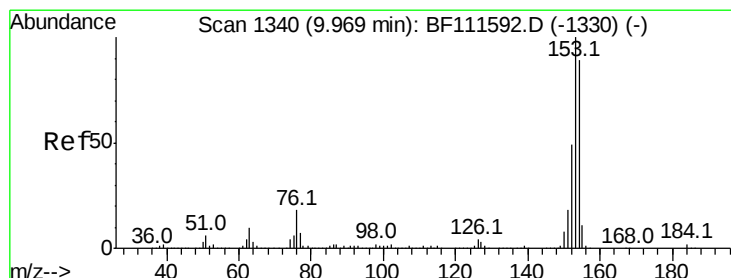
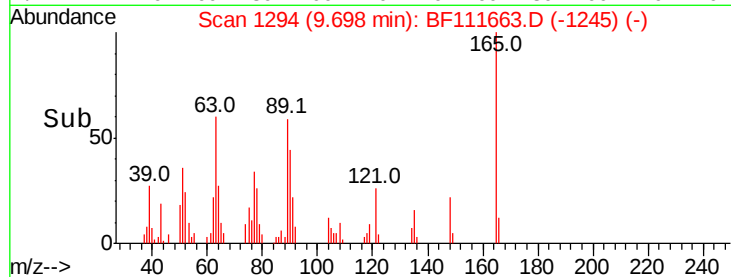
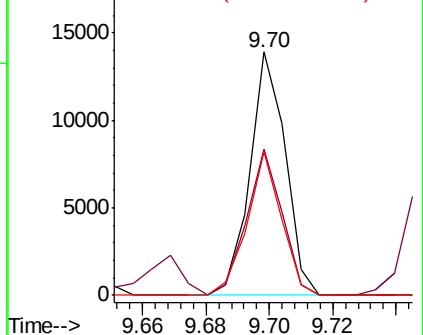
Tot Ion	Ratio	Resp	Lower	Upper
165	100	10746		
63	60.0		40.5	60.7
89	59.0		40.0	60.0

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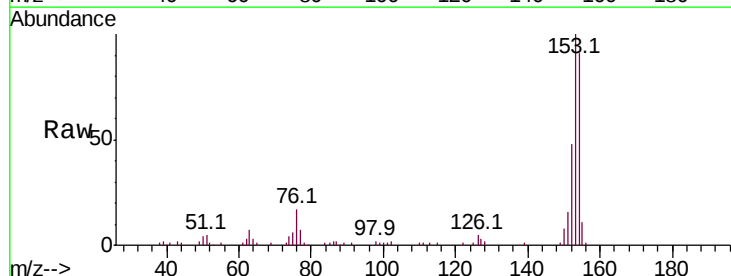


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

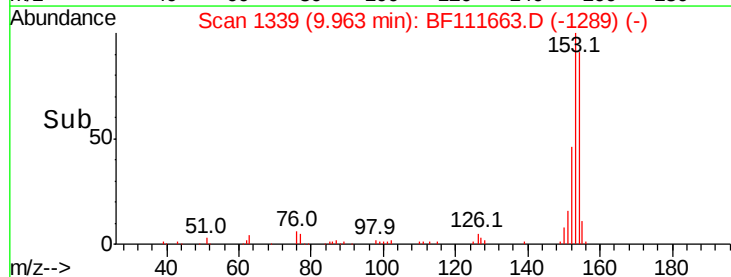
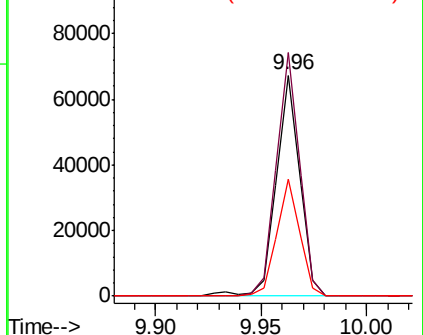


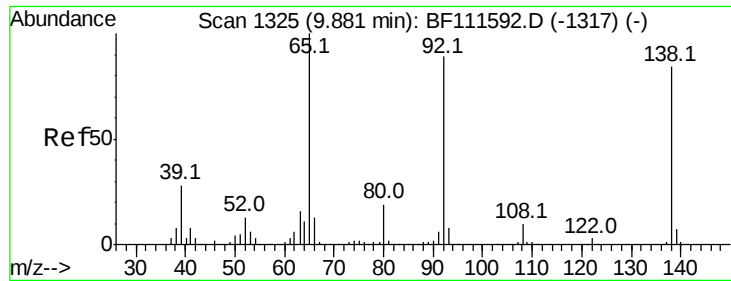
#52
Acenaphthene
Concen: 2.921 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	52271		
153	110.2		87.8	131.8
152	52.7		43.4	65.2



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





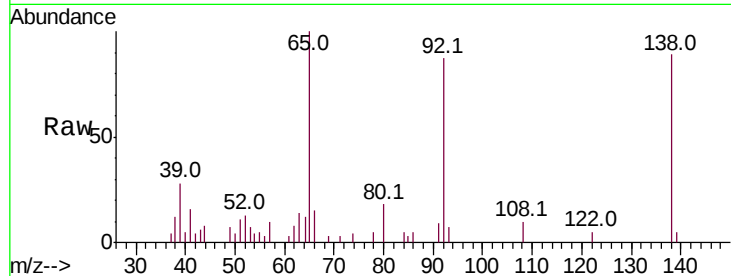
#53
3-Nitroaniline
Concen: 2.009 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.2	12.4
92	98.0	93.4	140.2

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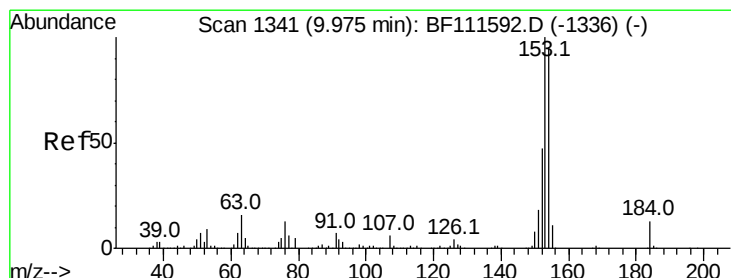
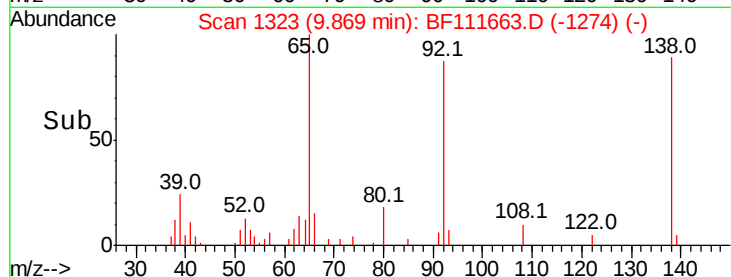
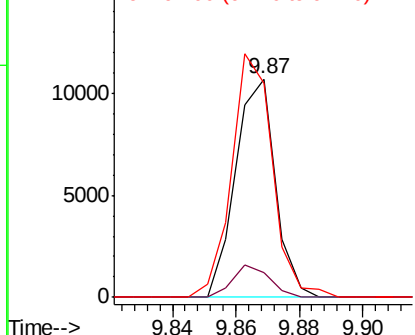


Abundance

Ion 138.00 (137.70 to 138.70): E

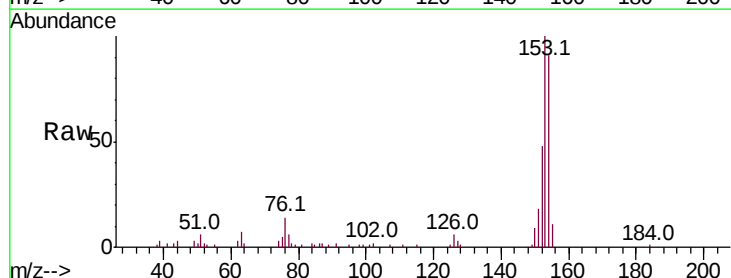
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 7.486 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	536.9	62.3	93.5#
154	7473.8	56.2	84.2#

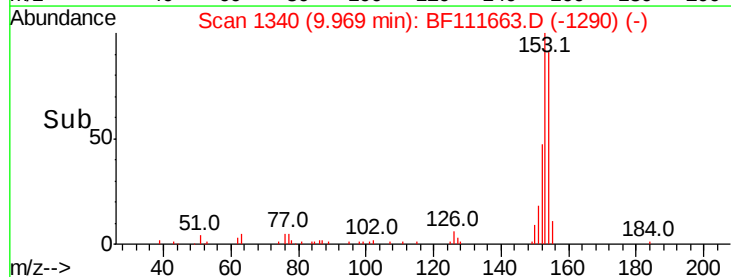
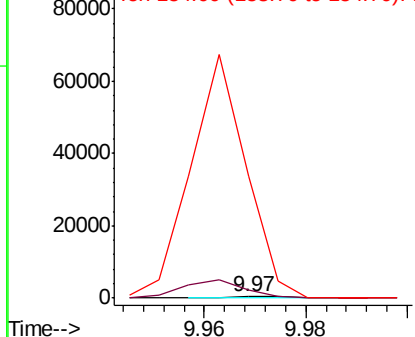


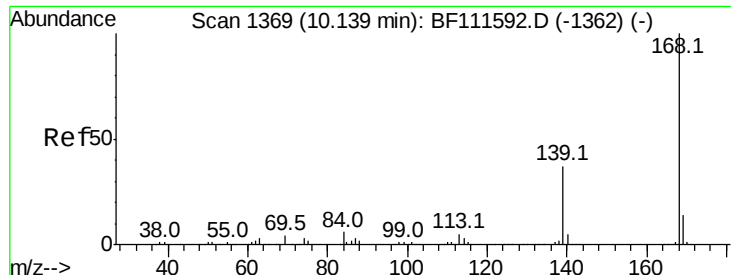
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





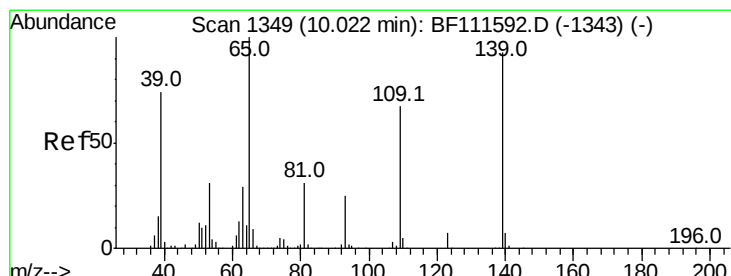
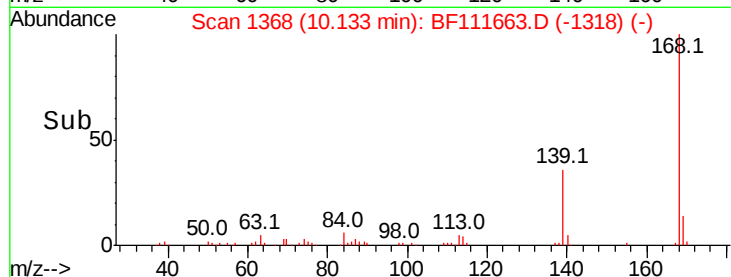
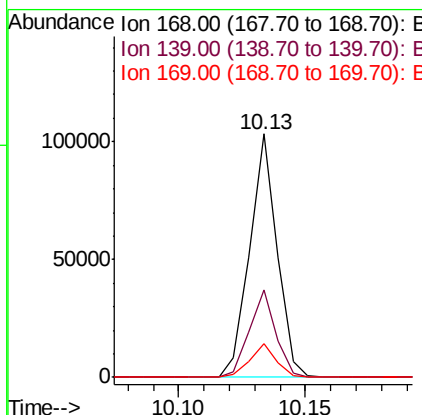
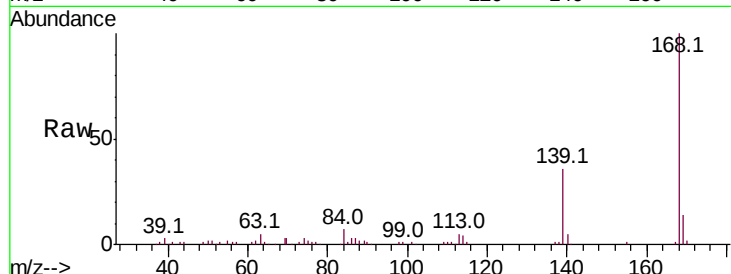
#55
Dibenzofuran
Concen: 2.884 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	32.6	49.0
169	13.6	11.8	17.6

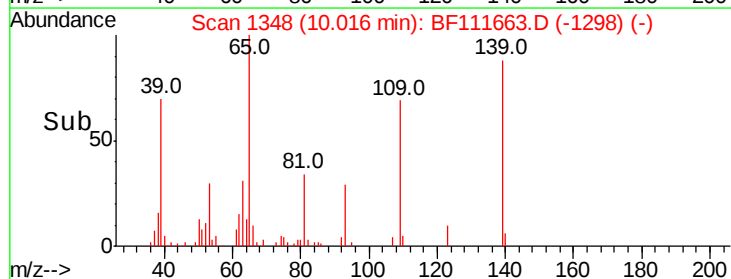
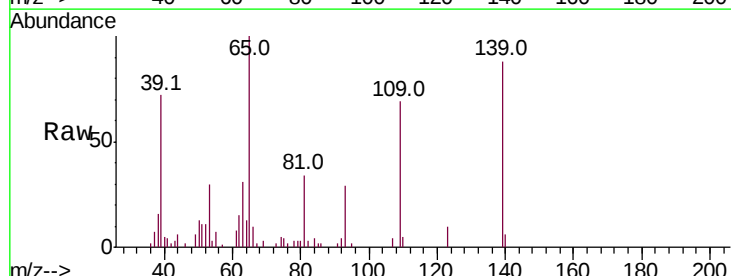
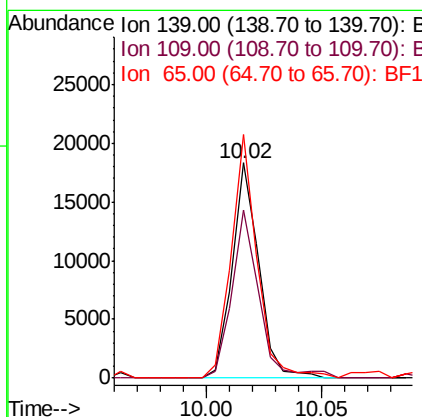
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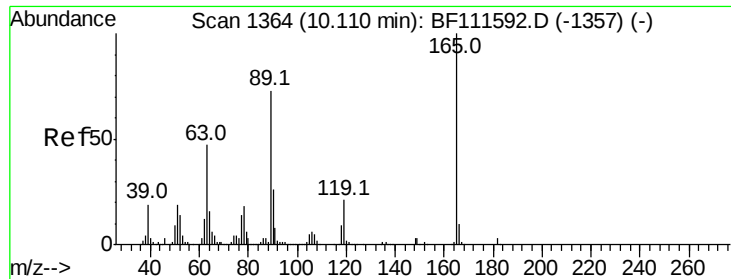
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#56
4-Nitrophenol
Concen: 4.190 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.0	41.8	81.8
65	113.0	79.6	119.6





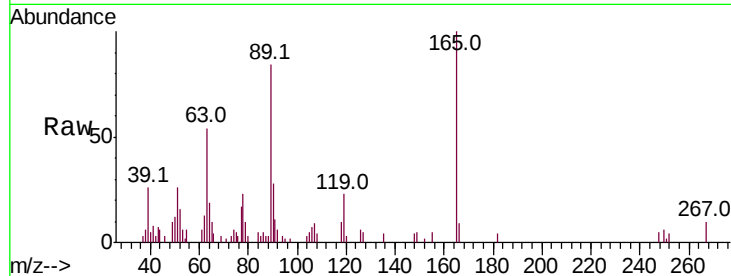
#57
2,4-Dinitrotoluene
Concen: 2.103 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.5	34.6	52.0#
89	83.6	56.2	84.4
182	4.1	1.8	2.6#

Manual Integrations
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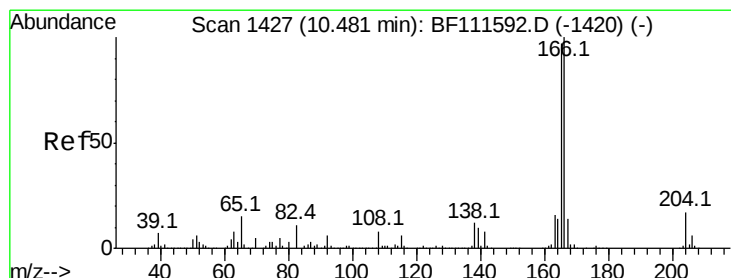
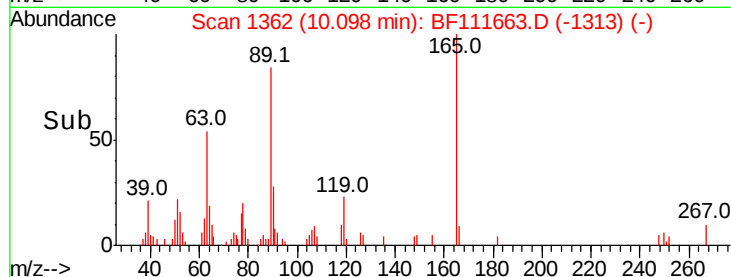
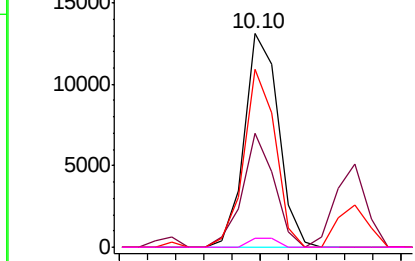
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 3.012 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

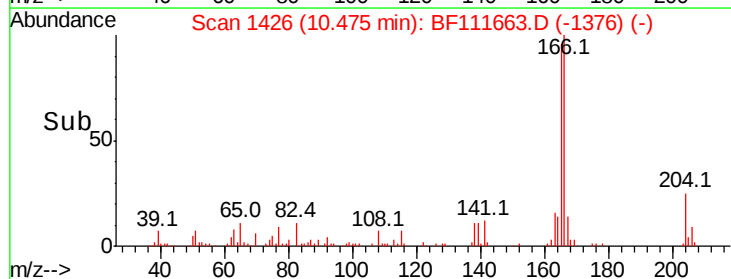
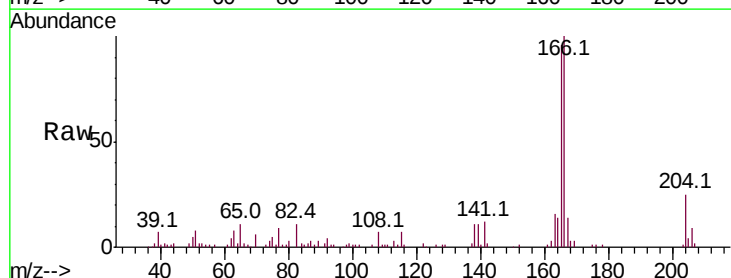
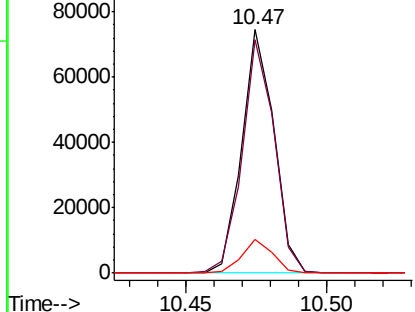
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	95.7	78.4	117.6
167	13.9	11.2	16.8

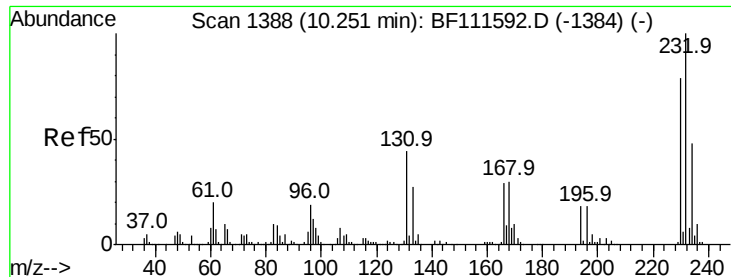
Abundance

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





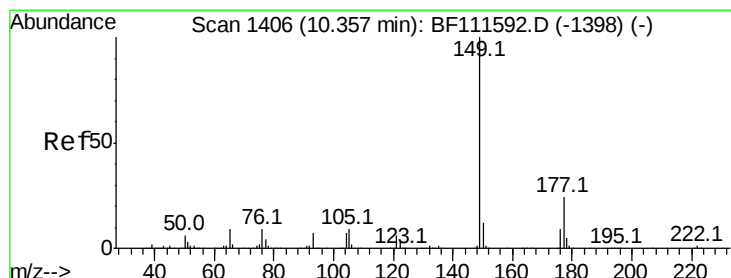
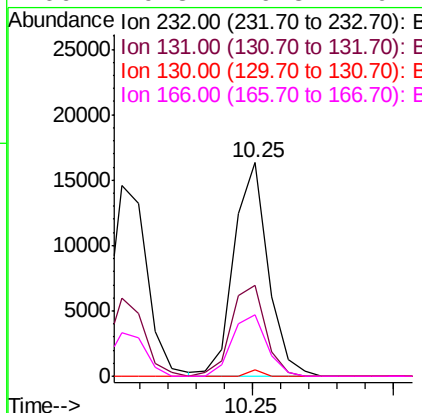
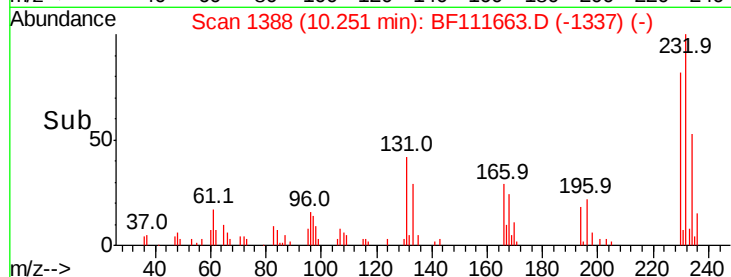
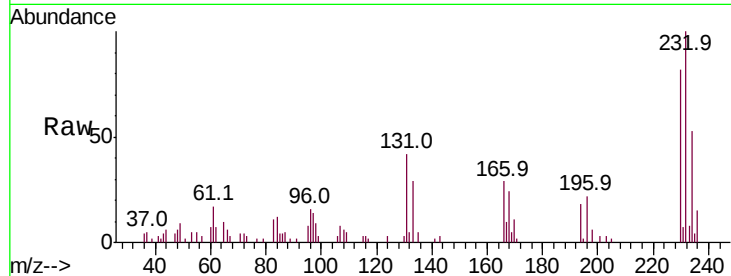
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.450 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	13786		
131	42.8	40.9	61.3	
130	1.1	2.0	3.0	
166	29.3	26.8	40.2	

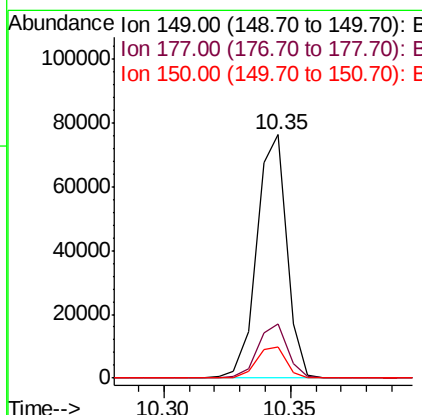
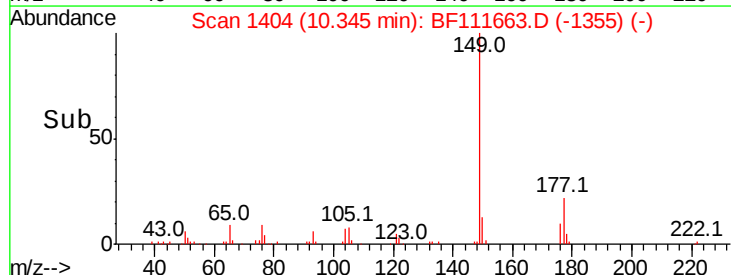
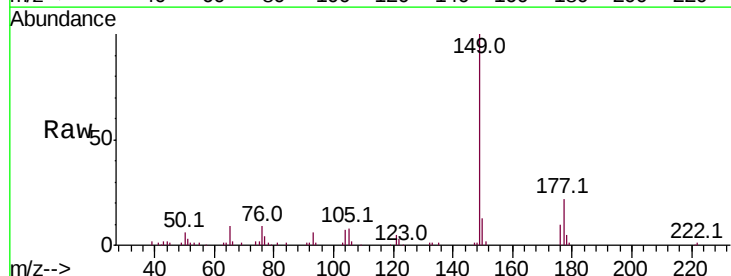
Manual Integrations
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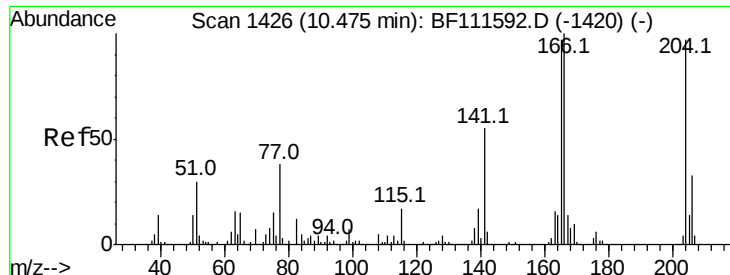
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#60
Diethylphthalate
Concen: 2.955 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	62981		
177	22.1	18.3	27.5	
150	12.6	10.6	15.8	





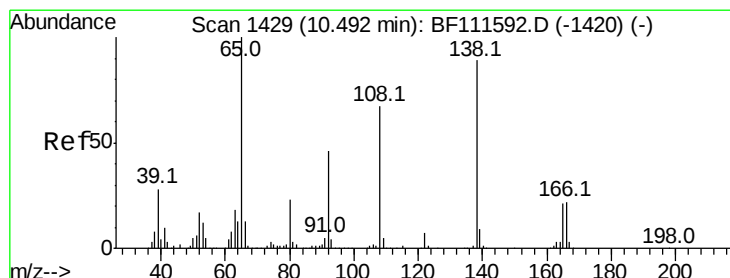
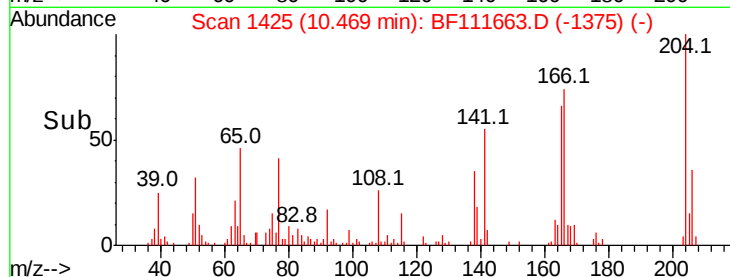
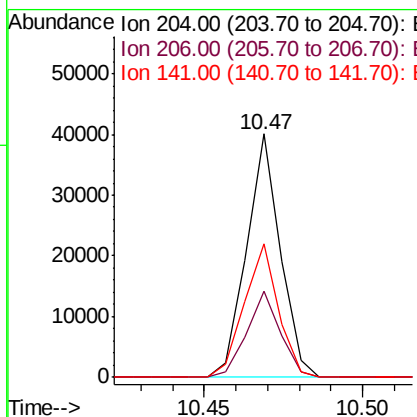
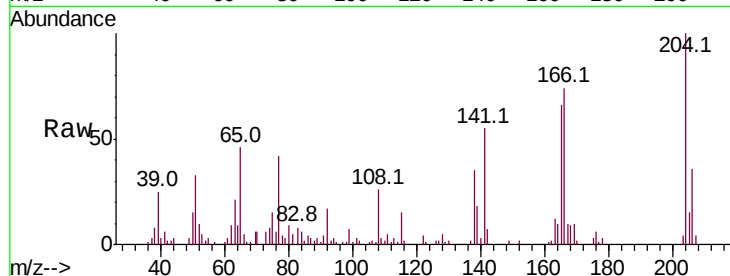
#61
4-Chlorophenyl-phenylether
Concen: 2.735 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.5	26.6	39.8
141	55.0	52.6	78.8

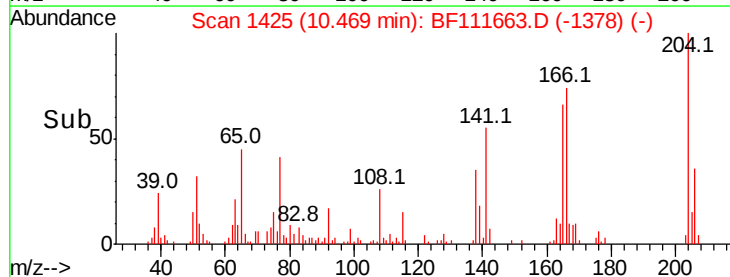
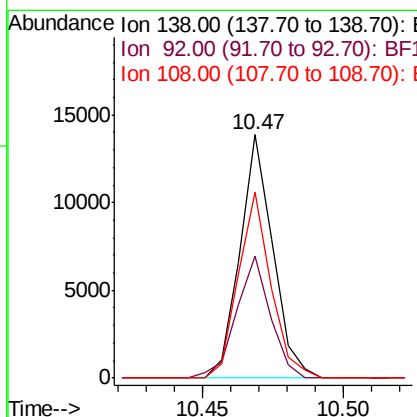
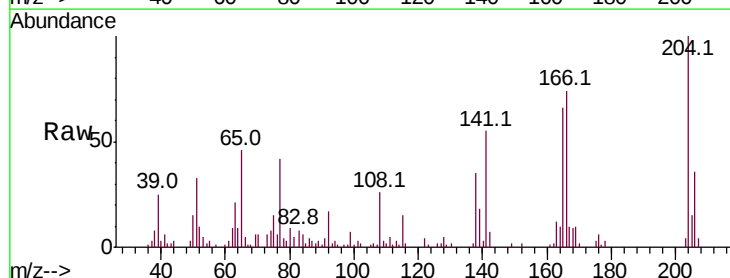
Manual Integrations
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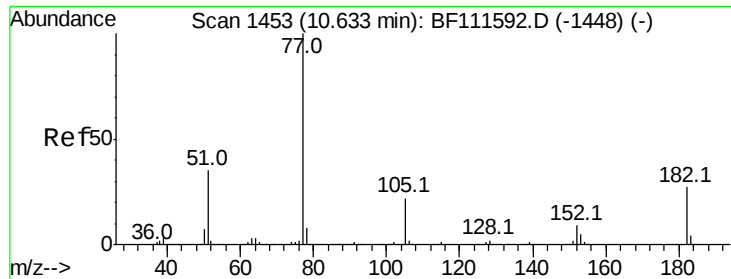
Sohil
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#62
4-Nitroaniline
Concen: 2.501 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.9	69.9
108	76.2	43.2	83.2





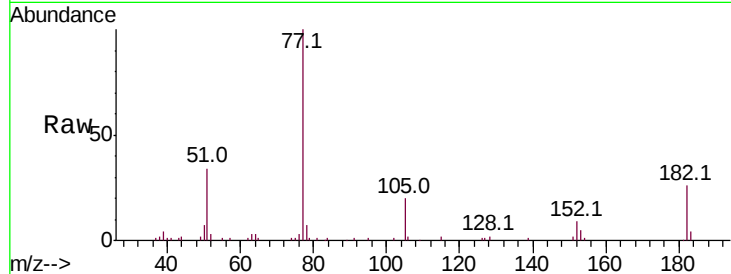
#63
Azobenzene
Concen: 2.455 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

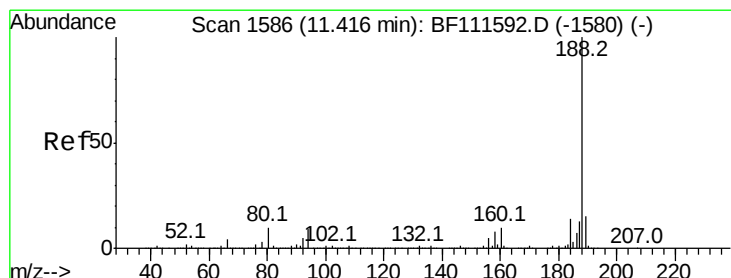
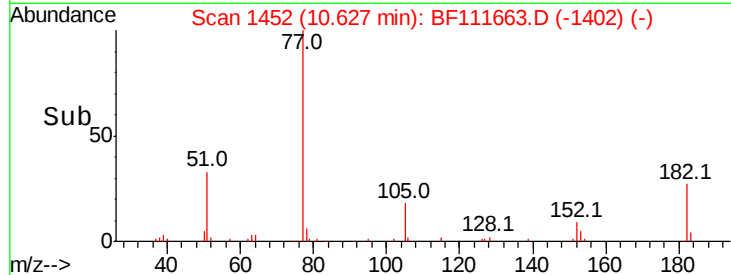
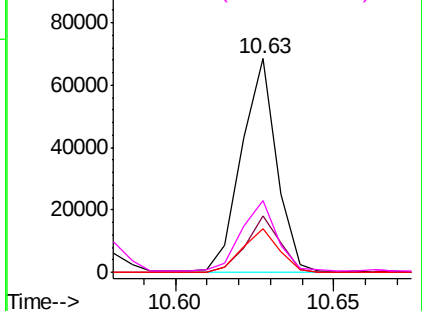
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.4	4.9	44.9		
105	20.2	6.0	46.0		
51	33.7	14.7	54.7		

Manual Integrations
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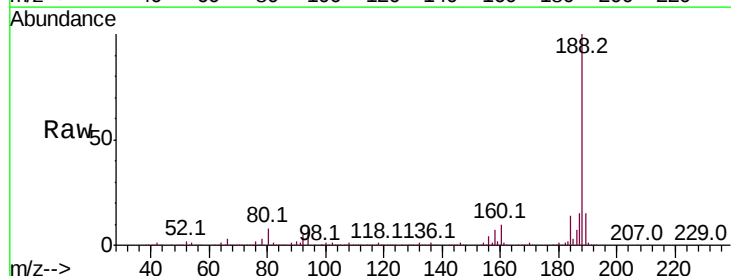


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

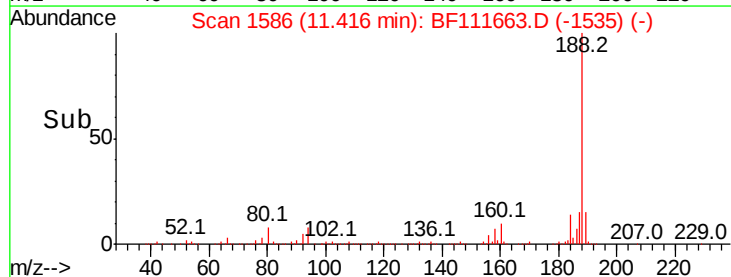
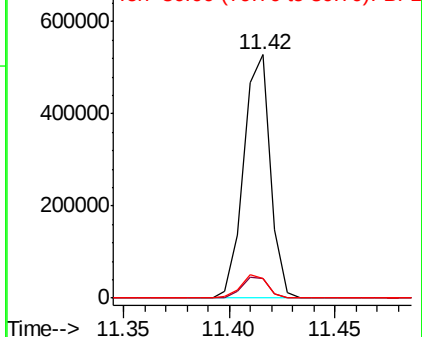


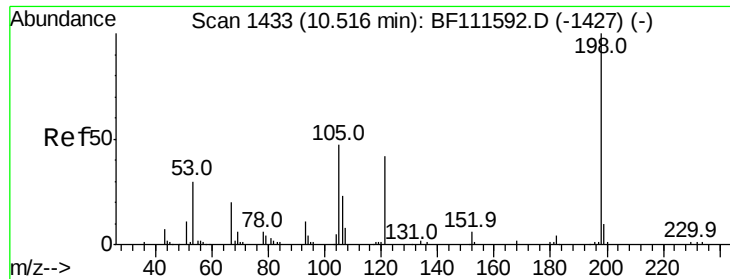
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.0	9.6	14.4#		
80	8.2	9.8	14.6#		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





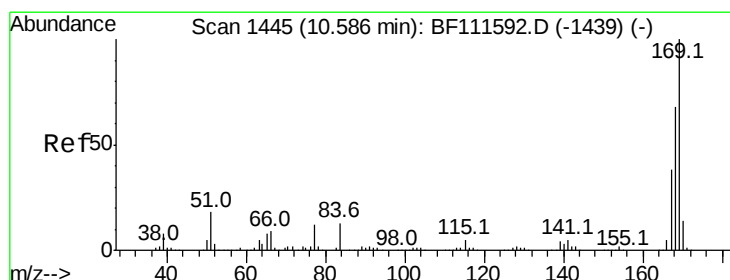
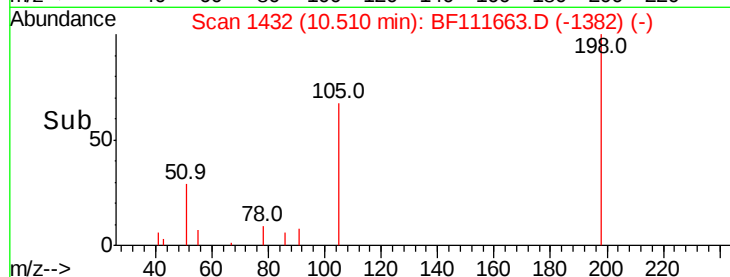
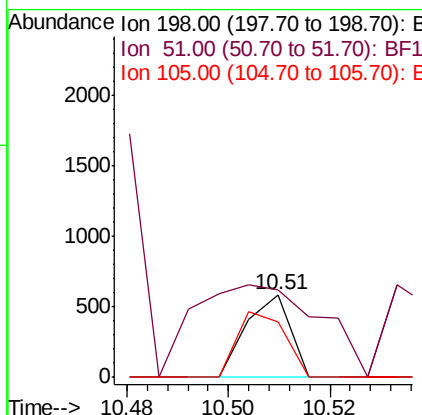
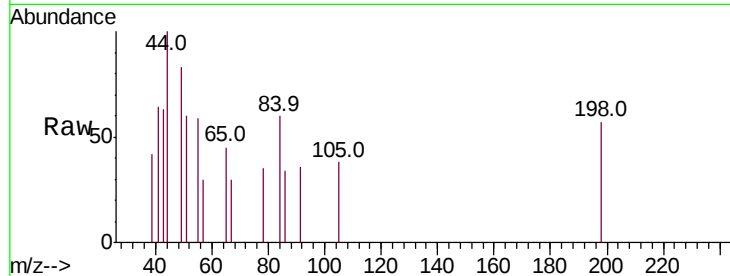
#65
4,6-Dinitro-2-methylphenol
Concen: 6.852 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion:198 Resp: 353
Ion Ratio Lower Upper
198 100
51 105.6 48.0 88.0#
105 66.6 34.0 74.0

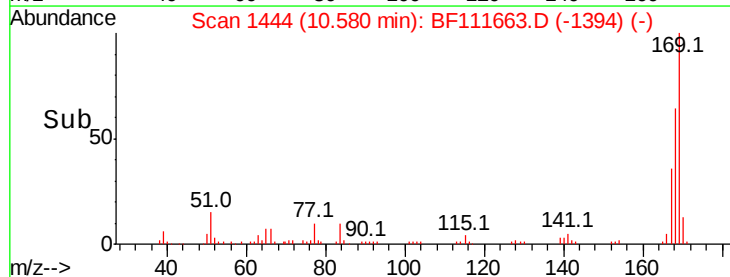
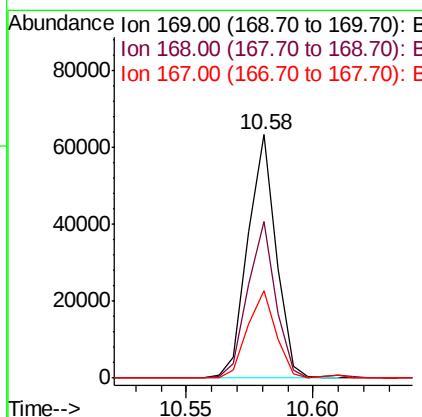
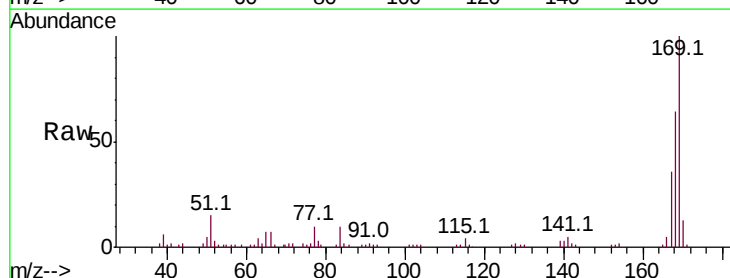
Manual Integrations
APPROVED

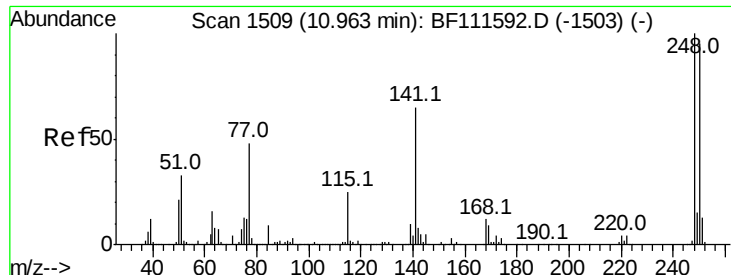
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#66
n-Nitrosodiphenylamine
Concen: 3.162 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion:169 Resp: 49072
Ion Ratio Lower Upper
169 100
168 64.1 54.4 81.6
167 35.9 30.5 45.7





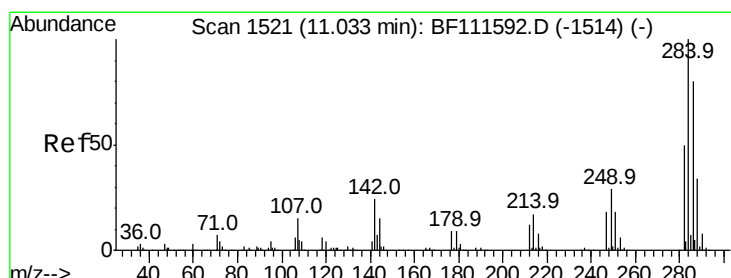
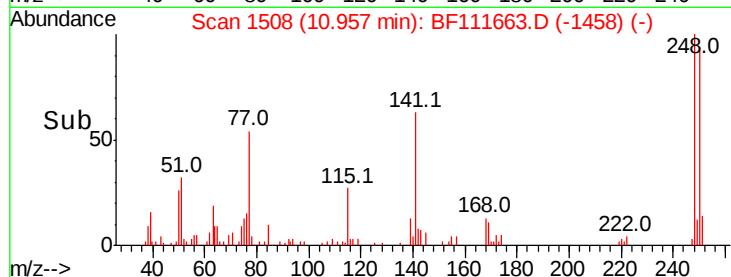
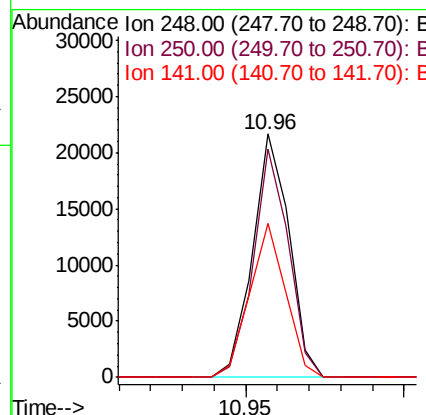
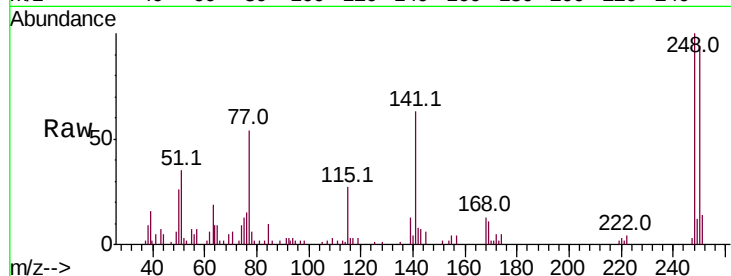
#67
 4-Bromophenyl-phenylether
 Concen: 3.019 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	77.0	115.4
141	63.4	63.0	94.6

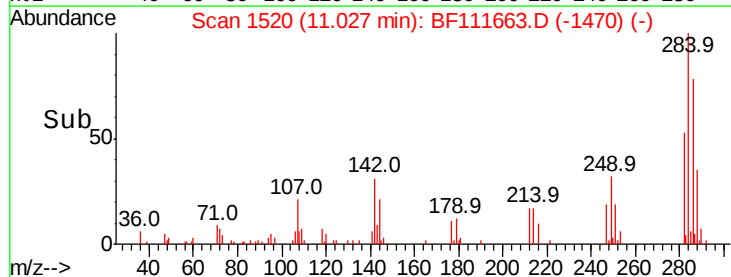
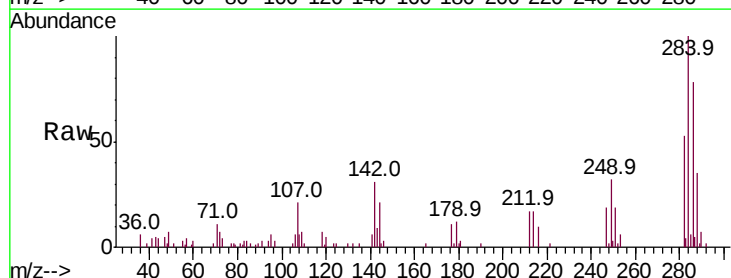
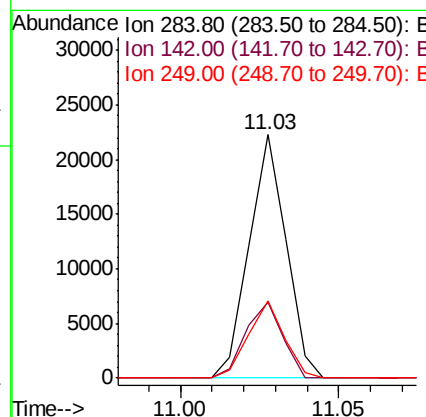
Manual Integrations
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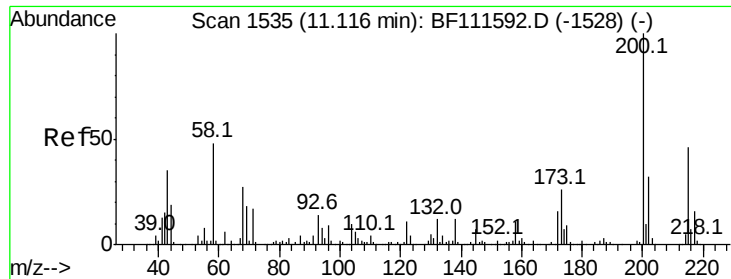
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#68
 Hexachlorobenzene
 Concen: 2.818 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	27.4	41.2
249	32.0	24.4	36.6





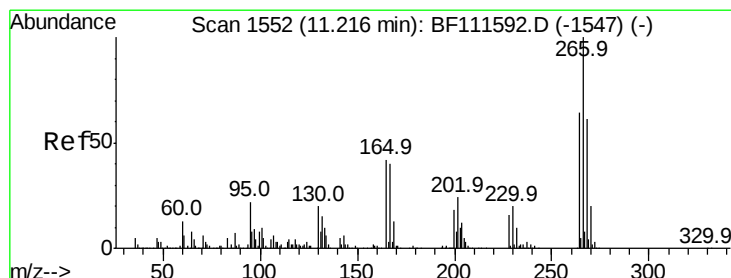
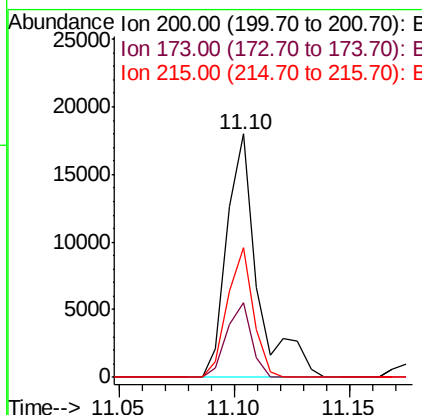
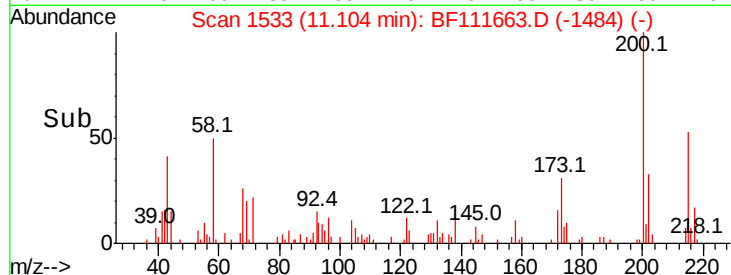
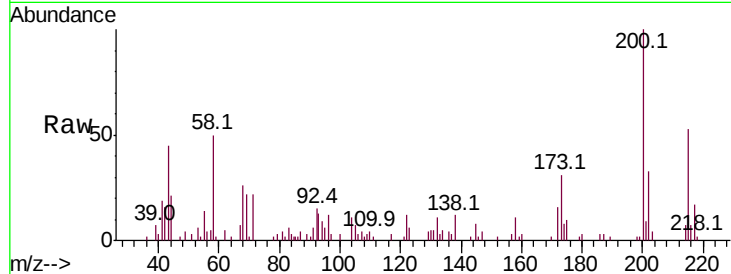
#69
Atrazine
Concen: 3.085 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.7	10.1	50.1
215	53.3	26.9	66.9

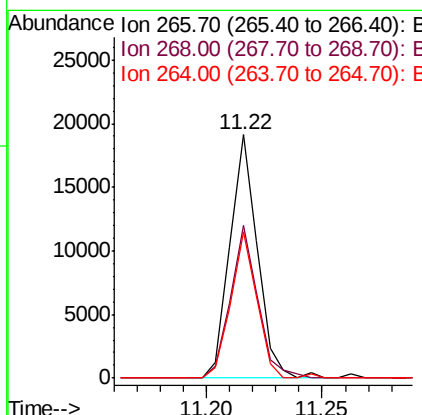
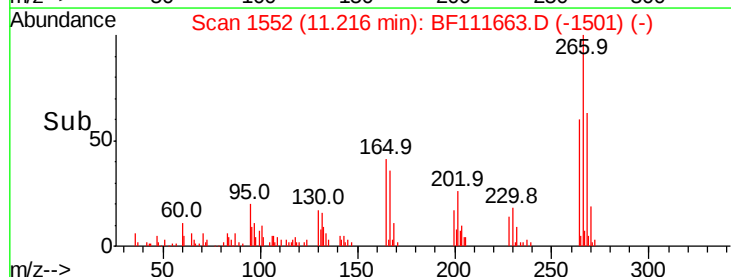
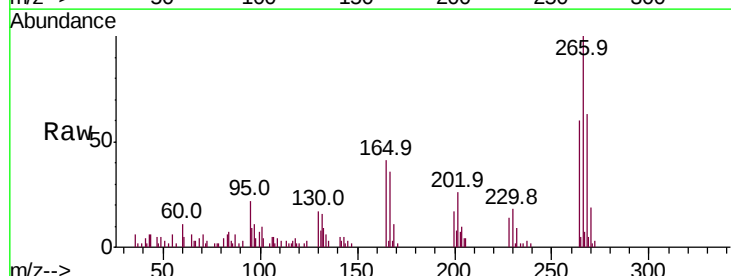
Manual Integrations
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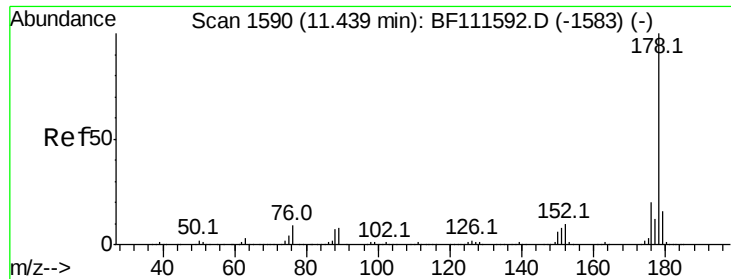
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#70
Pentachlorophenol
Concen: 4.013 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.0	47.9	71.9
264	60.4	49.1	73.7





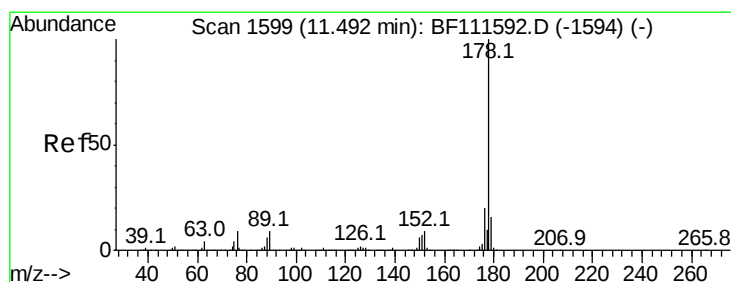
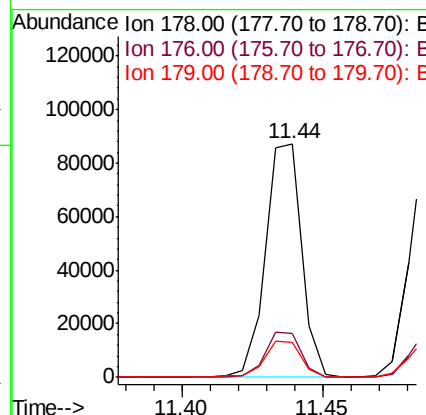
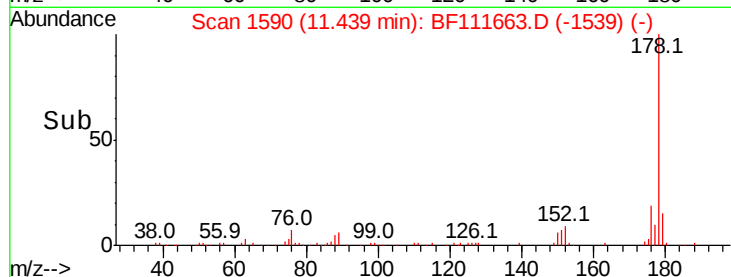
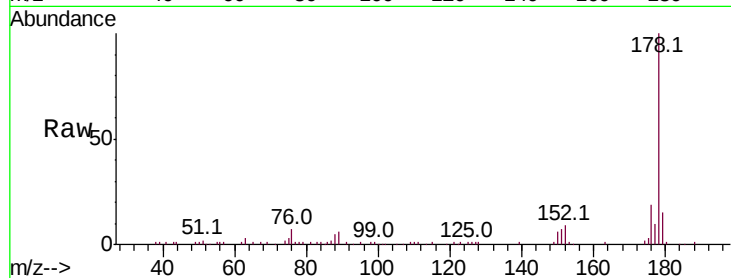
#71
Phenanthrene
Concen: 3.166 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	15.2	14.0	21.0

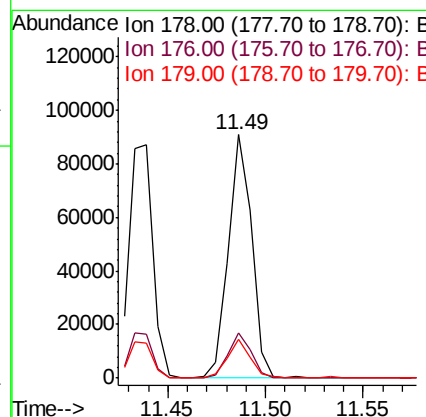
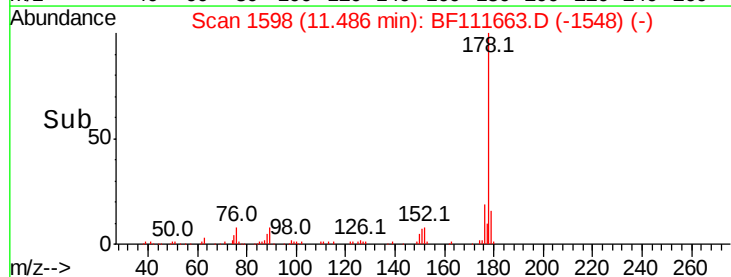
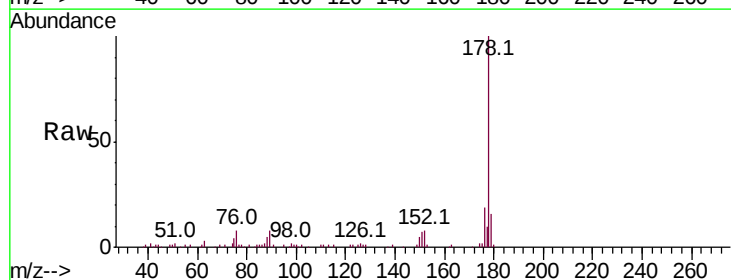
Manual Integrations
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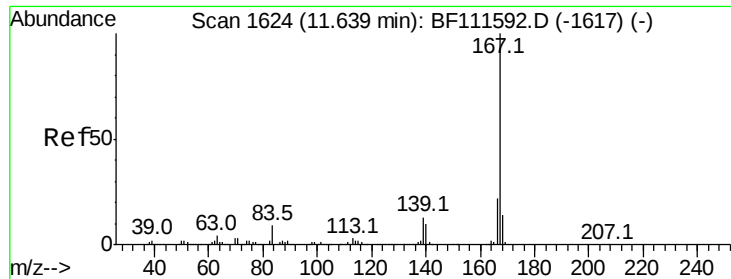
Sohil
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#72
Anthracene
Concen: 3.067 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.2	25.8
179	15.9	13.8	20.8





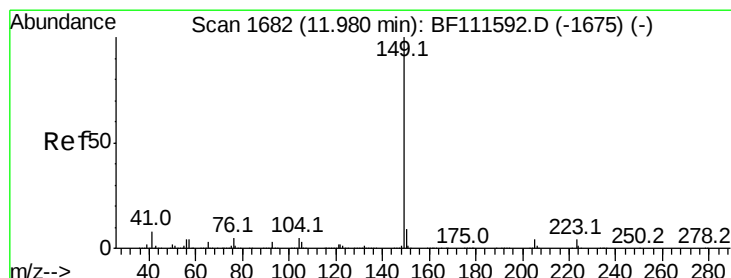
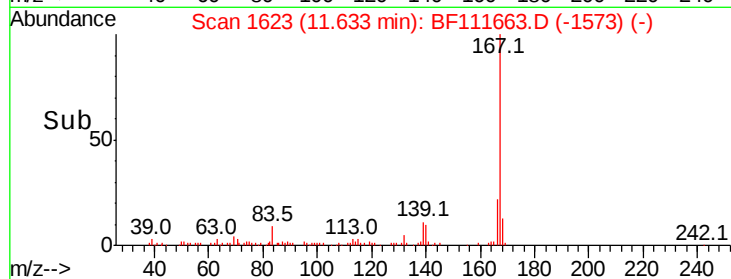
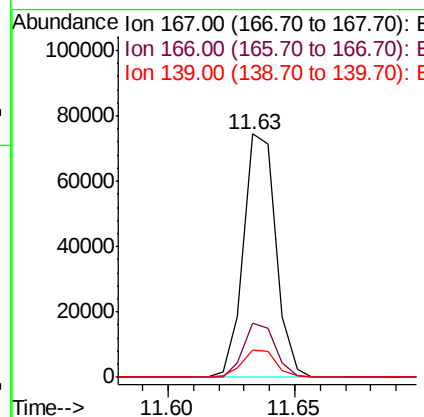
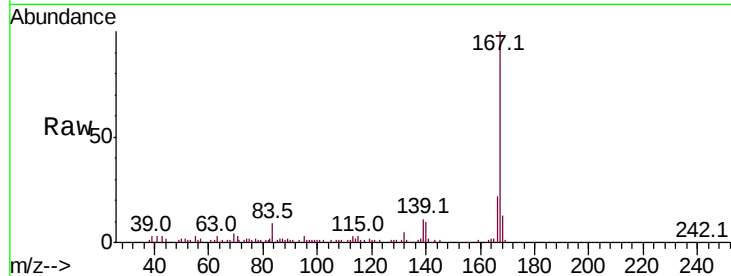
#73
 Carbazole
 Concen: 2.772 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	19.3	28.9
139	11.4	11.9	17.9

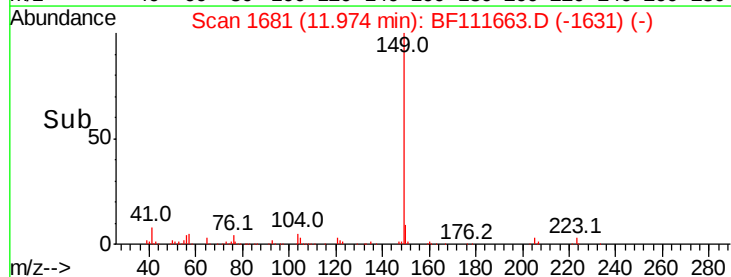
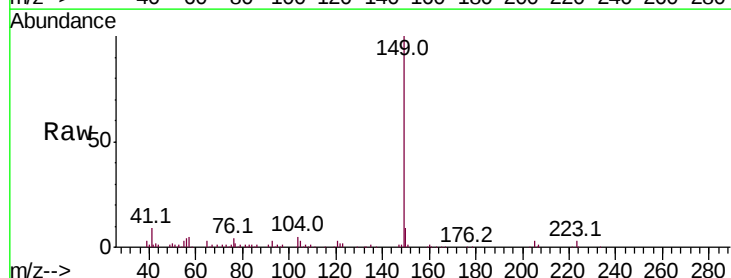
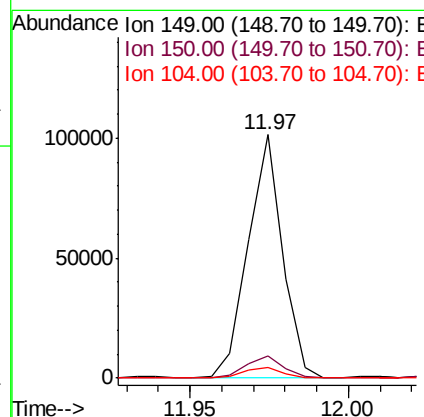
Manual Integrations
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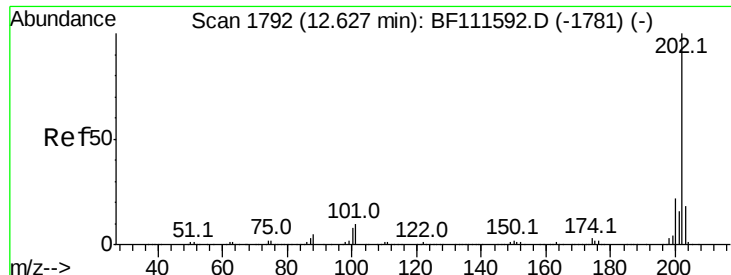
Sohil
 12/21/2018 2:46:55 PM



#74
 Di-n-butylphthalate
 Concen: 2.853 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.8	13.2
104	4.6	4.5	6.7





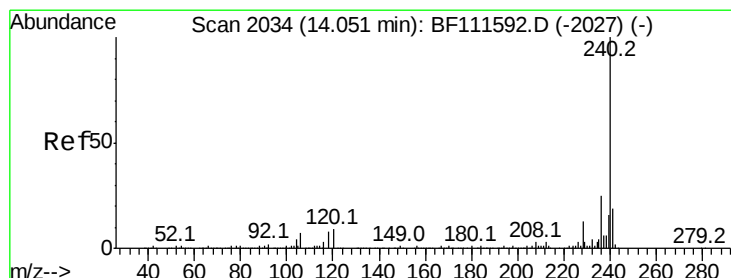
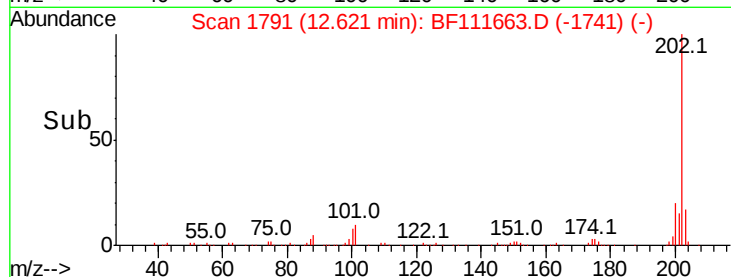
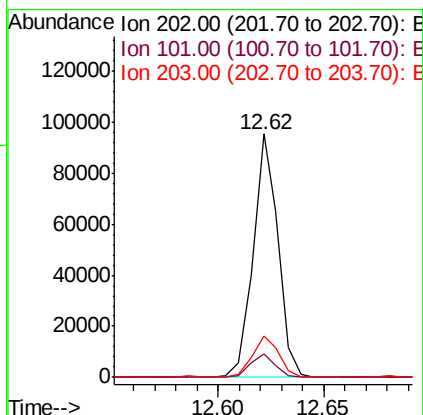
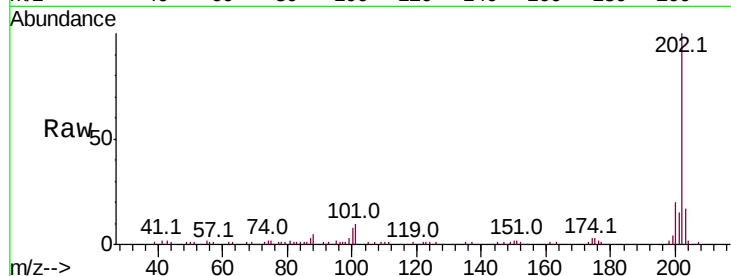
#75
Fluoranthene
Concen: 3.129 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	33.8
203	17.0	0.0	38.6

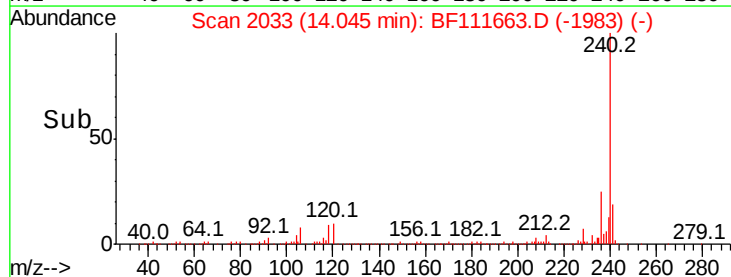
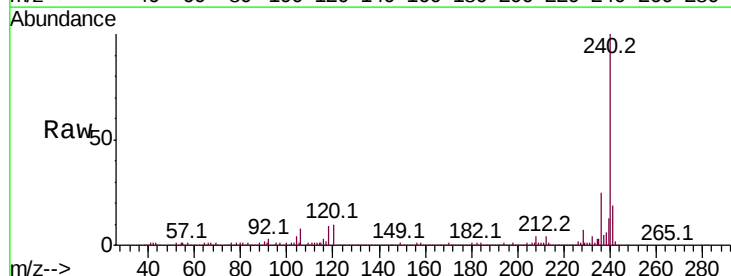
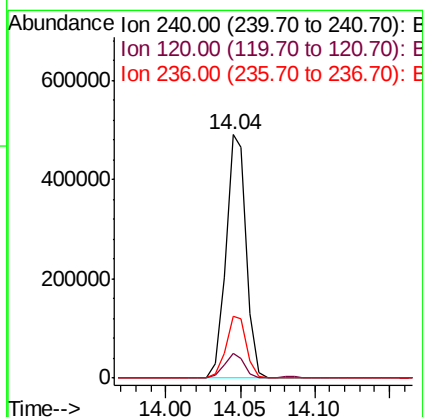
Manual Integrations
APPROVED

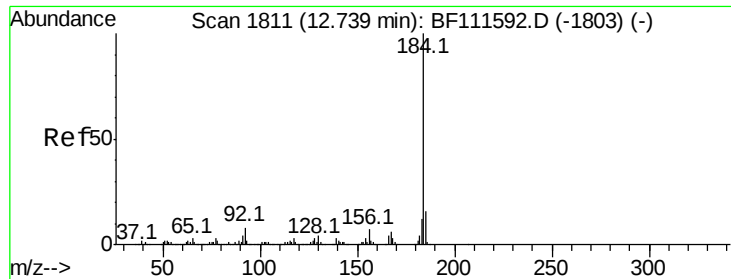
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.3	12.2	18.2#
236	25.4	20.2	30.2





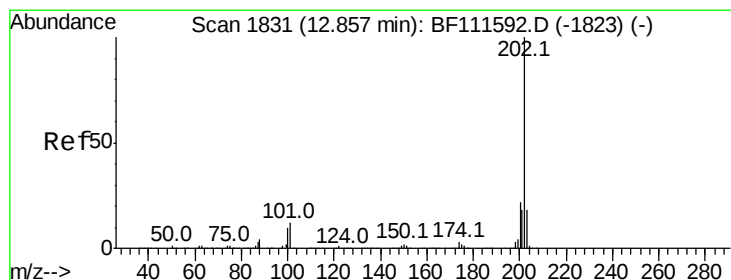
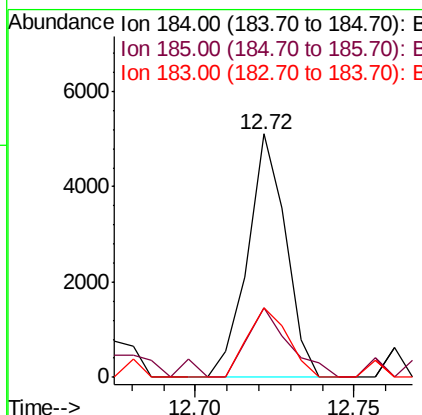
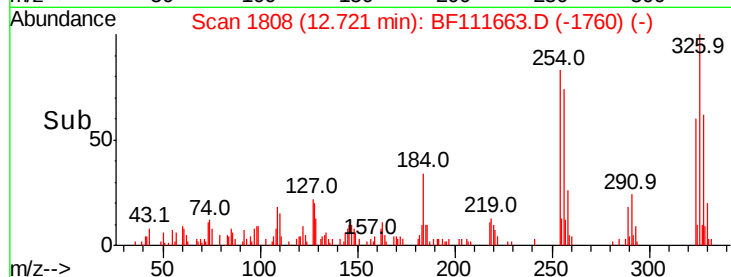
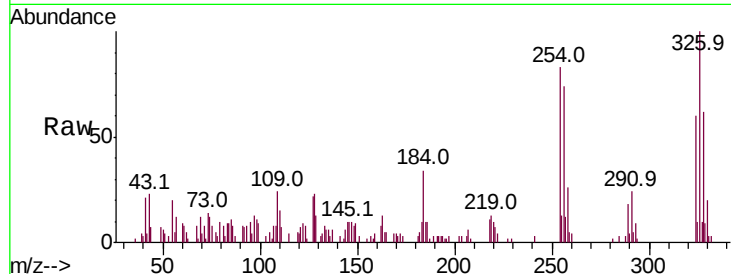
#77
Benzidine
Concen: 0.241 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
185	28.3	13.0	19.6#
183	28.7	9.3	13.9#

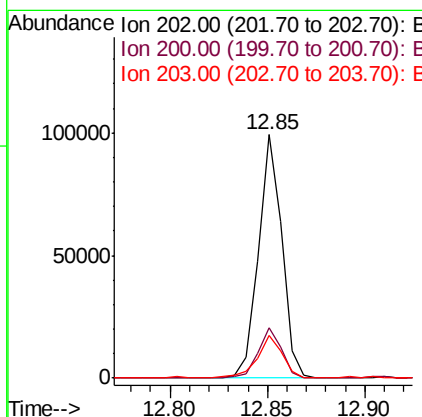
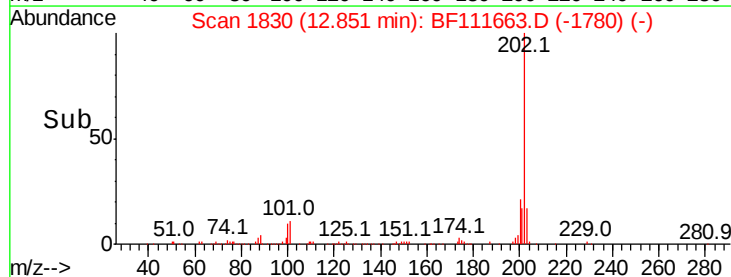
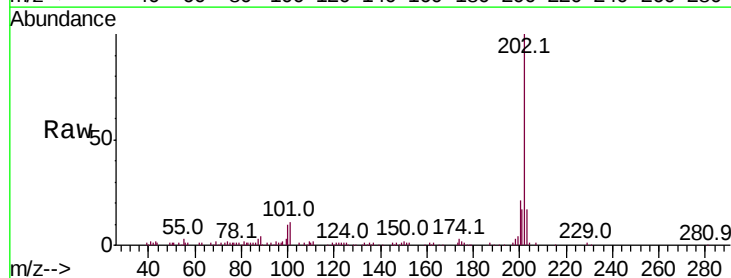
Manual Integrations
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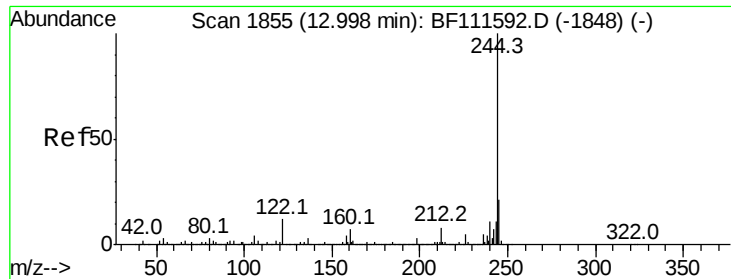
Sohil
12/21/2018 2:46:55 PM



#78
Pyrene
Concen: 2.474 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	19.0	28.4
203	17.3	15.2	22.8





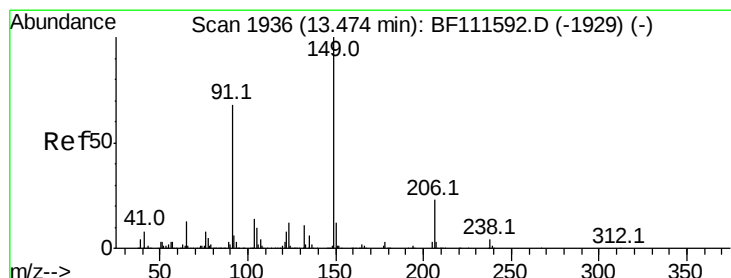
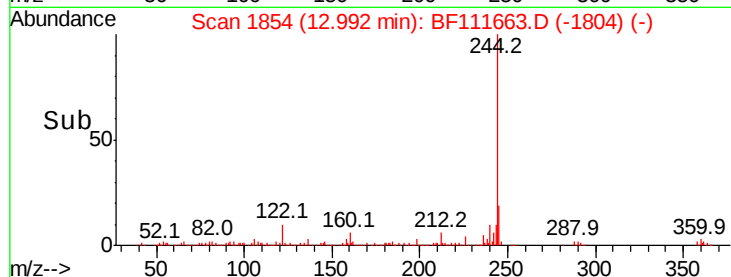
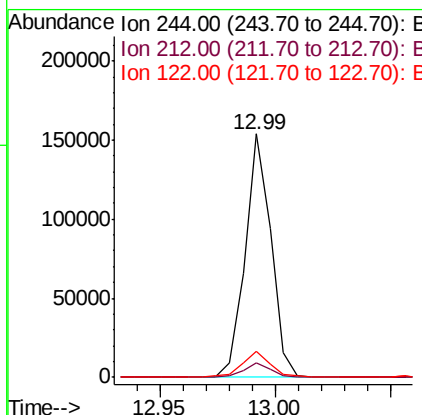
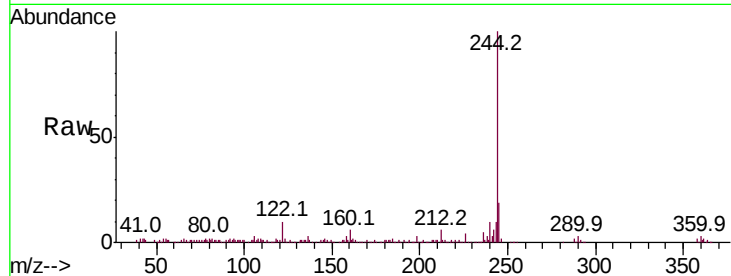
#79
 Terphenyl-d14
 Concen: 4.832 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.7	8.5
122	10.5	13.1	19.7

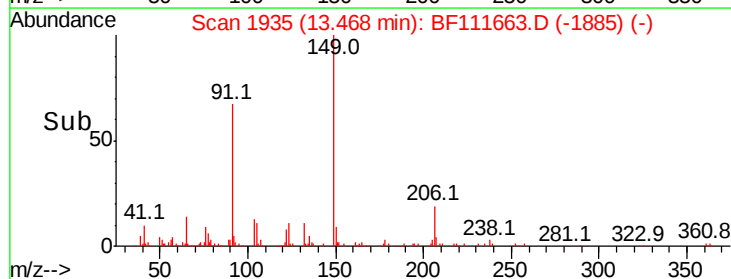
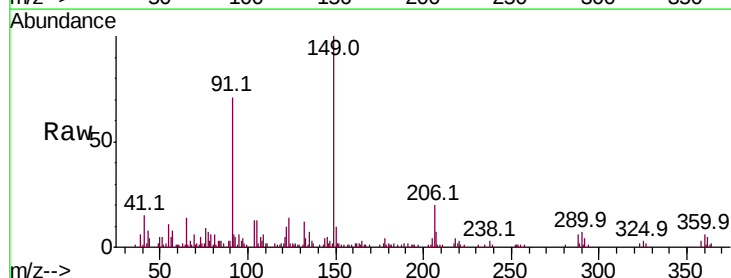
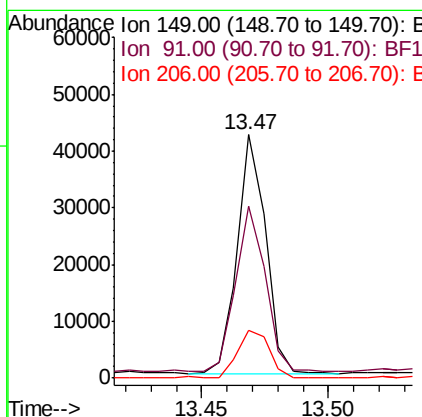
Manual Integrations
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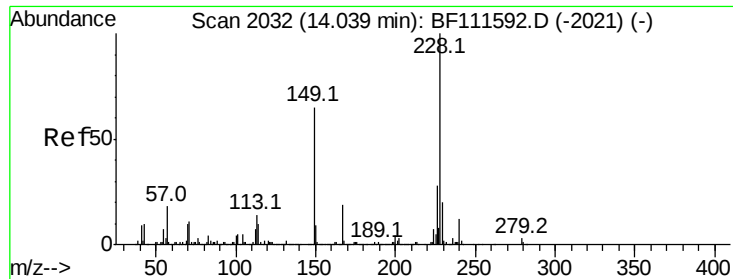
Sohil
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#80
 Butylbenzylphthalate
 Concen: 2.447 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	63.8	95.6
206	19.8	15.1	22.7





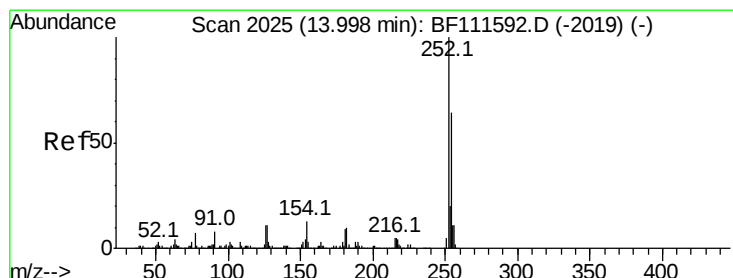
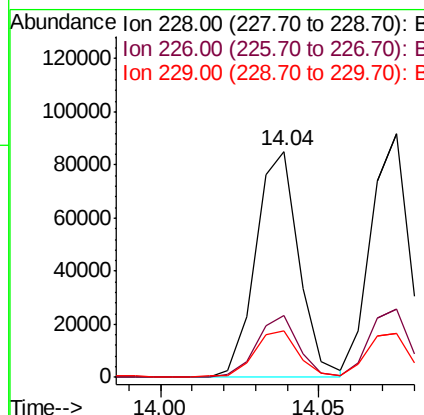
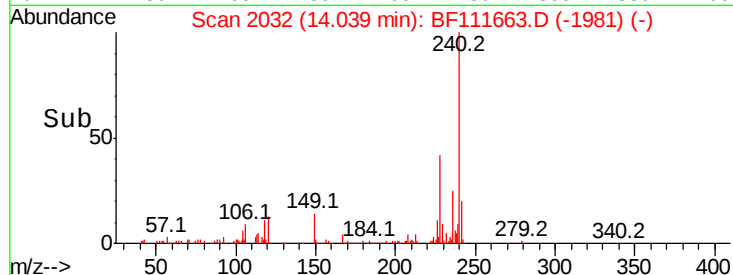
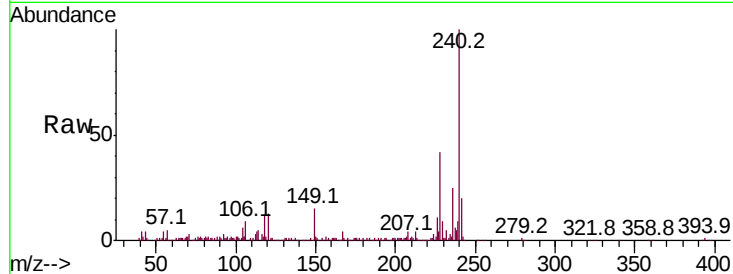
#81
Benzo(a)anthracene
Concen: 2.991 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument : BNA_F
ClientSampleId : P001-SS025-1218-01MS

Tot Ion:	228	Resp:	80608
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	34.0
229	20.7	16.3	24.5

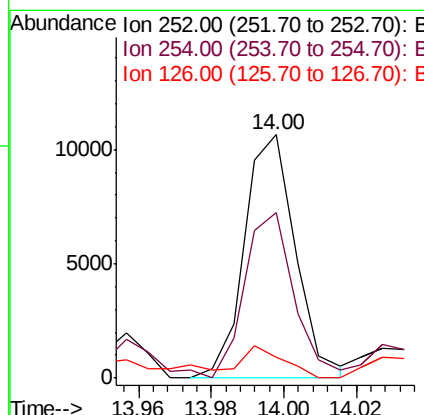
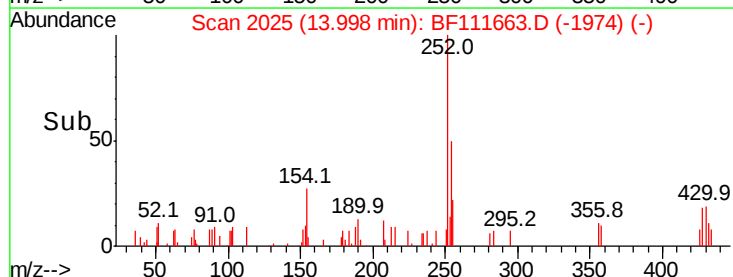
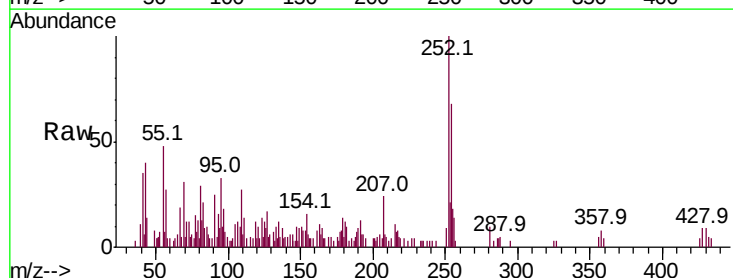
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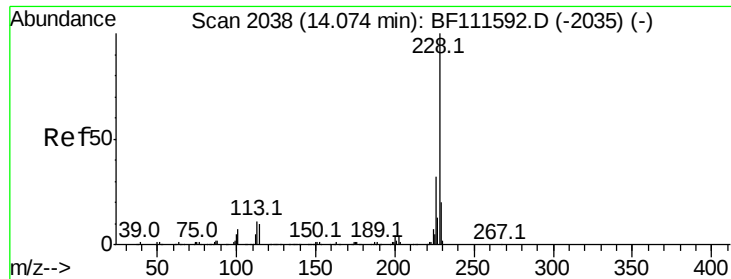
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 0.978 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion:	252	Resp:	10409
Ion Ratio	Lower	Upper	
252	100		
254	68.1	52.7	79.1
126	8.6	11.1	16.7#





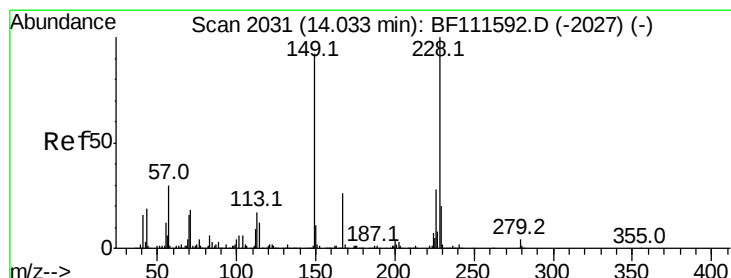
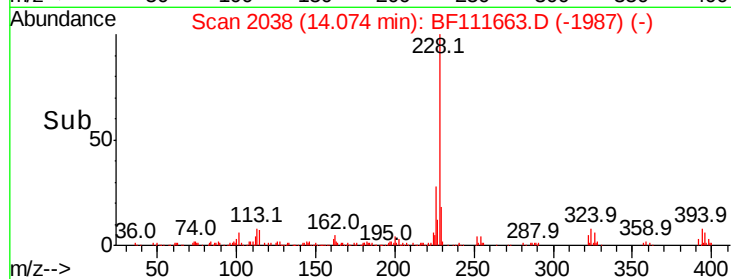
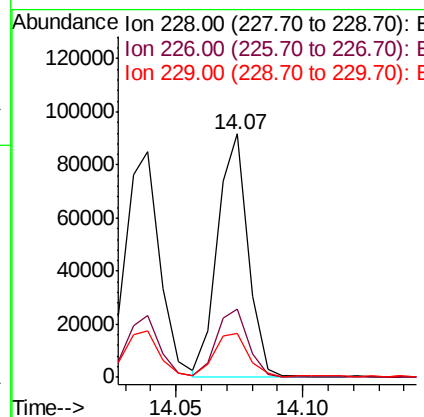
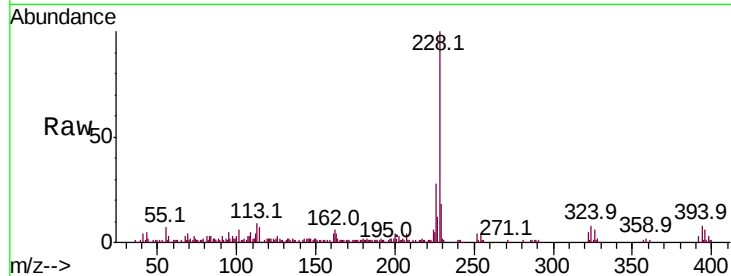
#83
 Chrysene
 Concen: 2.918 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-01MS

Tot Ion	Ratio	Resp Lower	Upper
228	100		
226	27.8	25.3	37.9
229	18.2	17.2	25.8

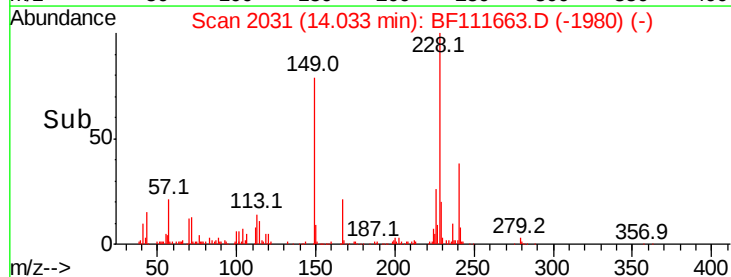
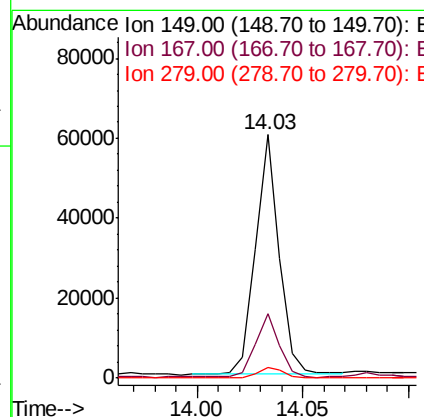
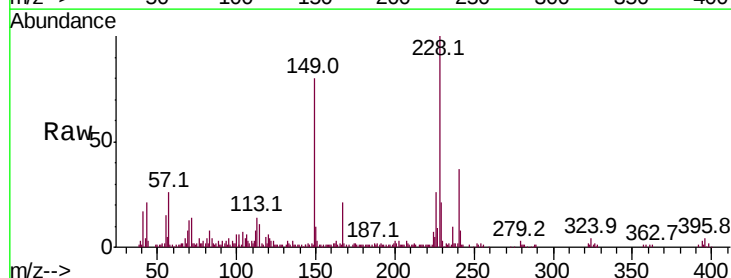
Manual Integrations
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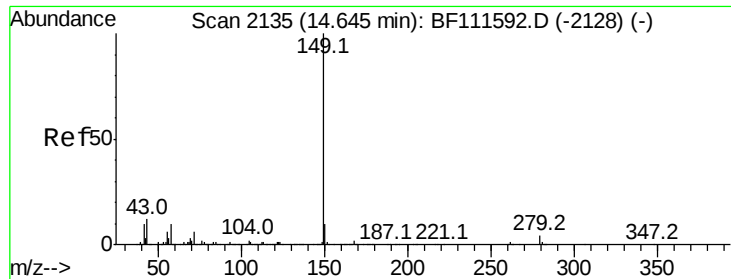
Sohil
 12/21/2018 2:46:55 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.745 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF111663.D
 Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.4	22.5	33.7
279	4.2	2.6	4.0#





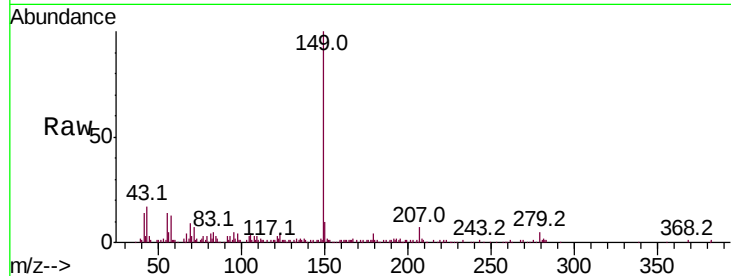
#85
Di-n-octyl phthalate
Concen: 3.018 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	3.7	1.3	1.9#	
43	12.1	10.9	16.3	

Manual Integrations
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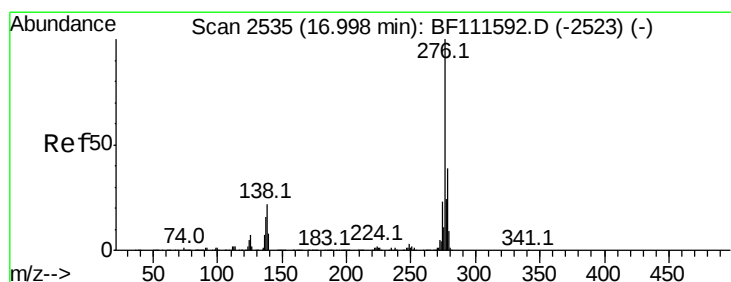
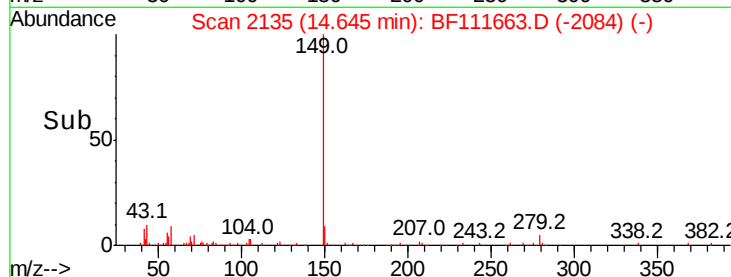
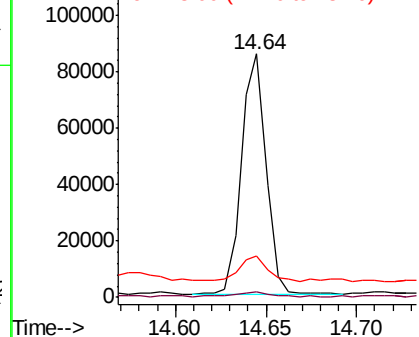


Abundance

Ion 149.00 (148.70 to 149.70): E

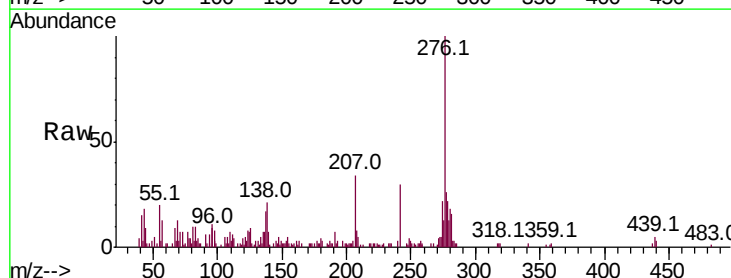
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.164 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.9	27.8	41.6#	
277	26.3	20.1	30.1	

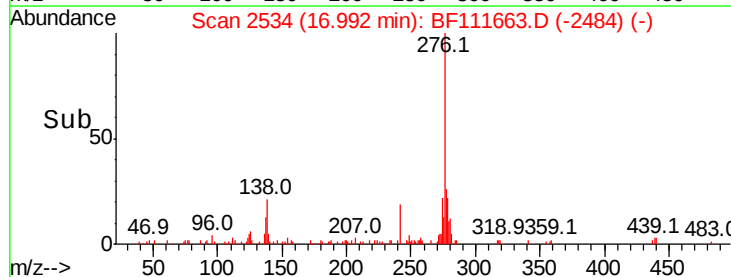
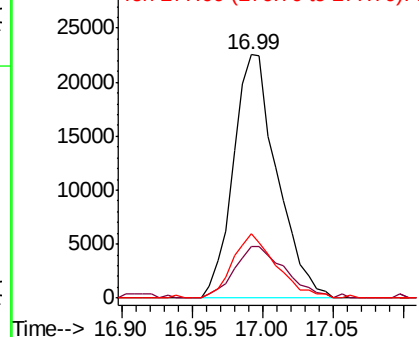


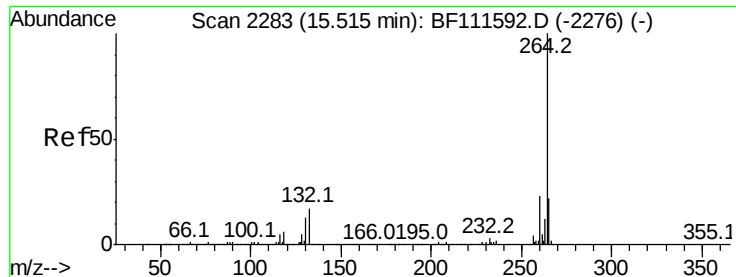
Abundance

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

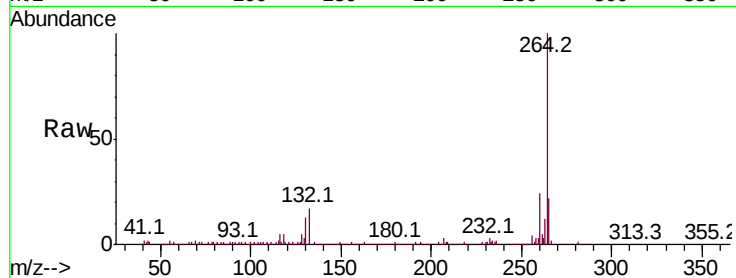
ClientSampleId :

P001-SS025-1218-01MS

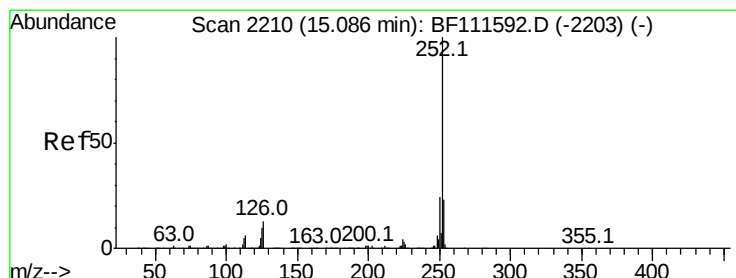
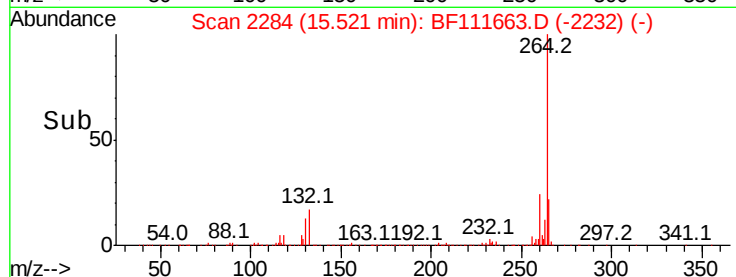
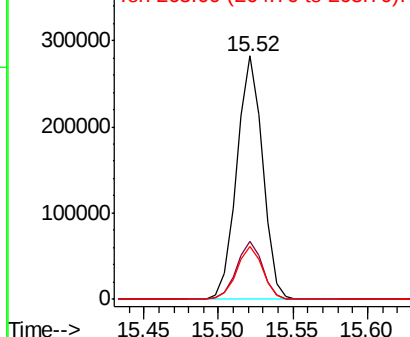
Tot Ion:	264	Resp:	341195
Ion Ratio		Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.8	17.7	26.5

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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



#88

Benzo(b)fluoranthene

Concen: 3.075 ng

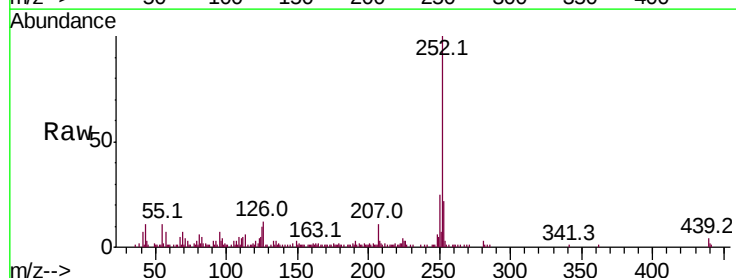
RT: 15.09 min Scan# 2210

Delta R.T. -0.00 min

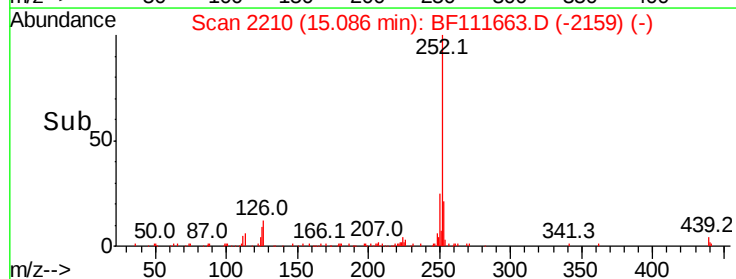
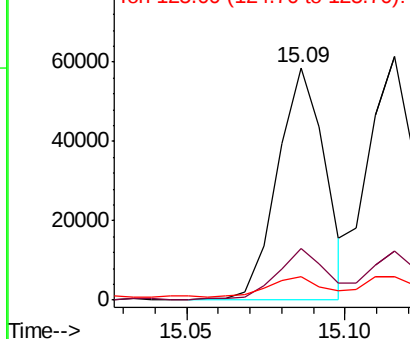
Lab File: BF111663.D

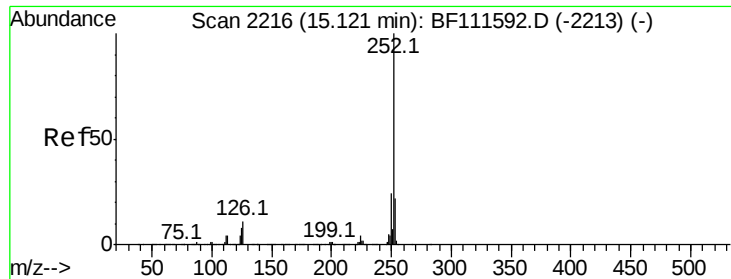
Acq: 21 Dec 2018 2:32

Tgt Ion:	252	Resp:	61319
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.3	10.4	15.6#



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





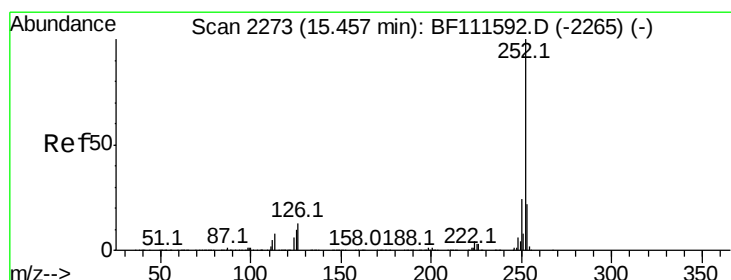
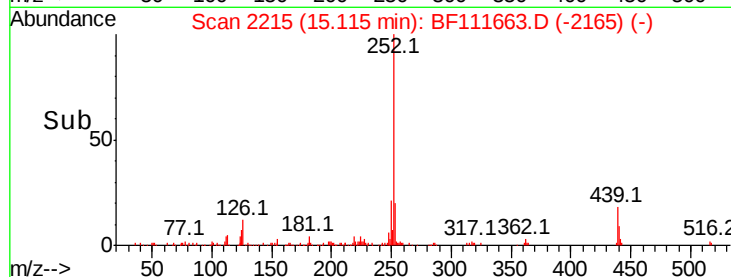
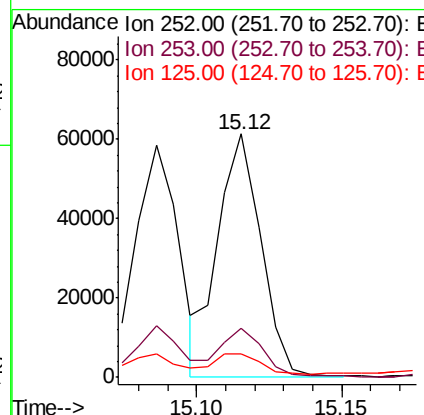
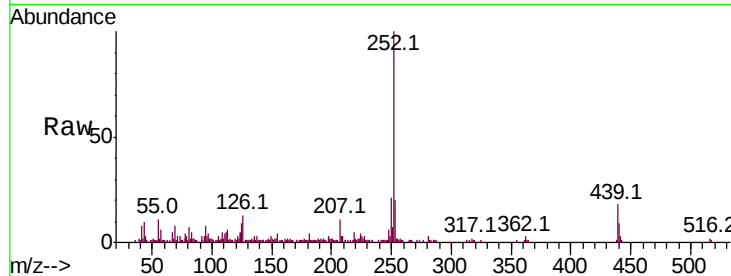
#89
Benzo(k)fluoranthene
Concen: 3.352 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.1	27.1
125	9.4	9.8	14.8

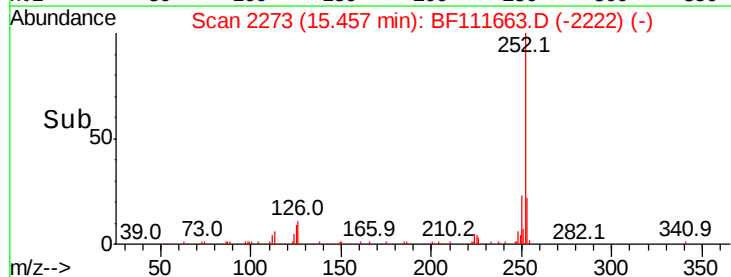
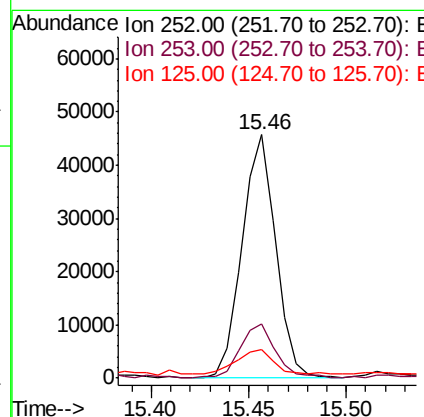
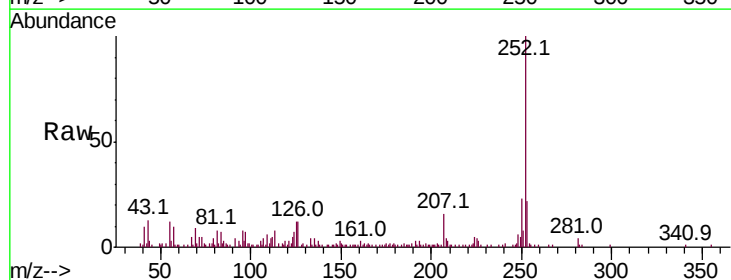
Manual Integrations
APPROVED

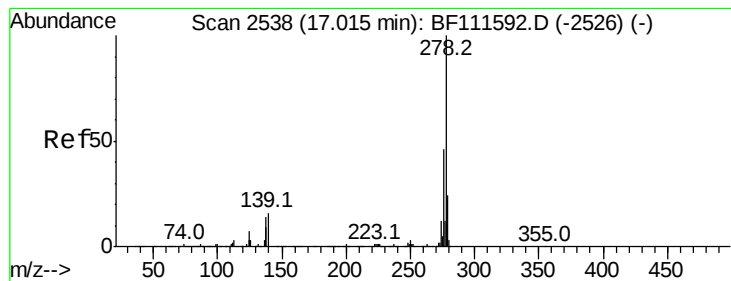
Sohil
12/21/2018 2:46:55 PM



#90
Benzo(a)pyrene
Concen: 3.016 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111663.D
Acq: 21 Dec 2018 2:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	11.5	12.3	18.5





#91

Dibenzo(a,h)anthracene

Concen: 2.534 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Instrument :

BNA_F

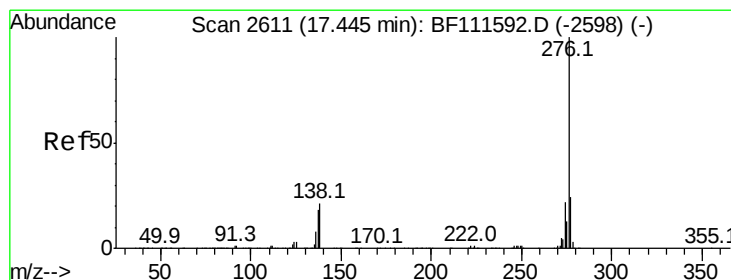
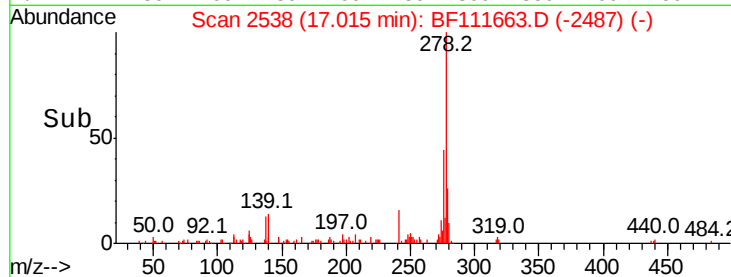
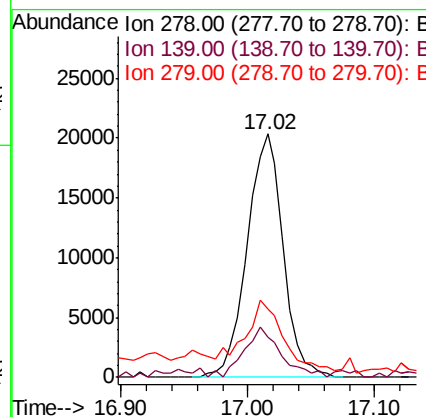
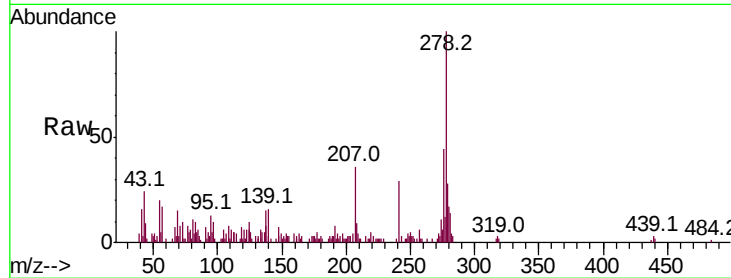
ClientSampleId :

P001-SS025-1218-01MS

Tot Ion:	278	Resp:	40198
Ion Ratio	Lower	Upper	
278	100		
139	19.0	18.2	27.4
279	28.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/21/2018 2:46:55 PM



#92

Benzo(g,h,i)perylene

Concen: 2.483 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF111663.D

Acq: 21 Dec 2018 2:32

Tgt Ion:	276	Resp:	38471
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.2	28.8
138	21.3	24.9	37.3#

