

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112562.D
 Acq On : 14 Feb 2019 12:40
 Operator : JU/SJ
 Sample : PB117100BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117100BL

Manual Integrations
 APPROVED

Sohil
 2/15/2019 4:53:00 PM

Quant Time: Feb 15 06:12:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	124918	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	500577	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	257135	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	505745	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	407617	20.00	ng	0.00
87) Perylene-d12	15.48	264	341650	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	906837	154.20	ng	0.00
7) Phenol-d6	6.49	99	1147167	140.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	730684	84.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	396278	132.40	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1523403	83.79	ng	-0.02
79) Terphenyl-d14	12.94	244	1715786	79.28	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.49	94	19481	2.173	ng	# 77
11) bis(2-Chloroethyl)ether	6.56	93	14320	2.029	ng	97
17) 2-Methylphenol	7.10	107	14286	2.278	ng	# 78
20) 3+4-Methylphenols	7.28	107	18597	2.319	ng	# 64
24) Nitrobenzene	7.41	77	19998	2.305	ng	93
27) 2,4-Dimethylphenol	7.79	122	14293	2.237	ng	# 82
29) 2,4-Dichlorophenol	8.02	162	14490	2.027	ng	94
31) Naphthalene	8.13	128	48539	2.074	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	16009	2.115	ng	96
37) 2-Methylnaphthalene	8.83	142	34474	2.151	ng	96
38) 1-Methylnaphthalene	8.93	142	32267m	2.101	ng	
46) 1,1'-Biphenyl	9.29	154	47190	2.099	ng	96
49) Acenaphthylene	9.73	152	53023	2.075	ng	98
50) Dimethylphthalate	9.58	163	41227	2.064	ng	99
52) Acenaphthene	9.90	154	32312	2.117	ng	95
55) Dibenzofuran	10.07	168	48150	2.064	ng	93
58) Fluorene	10.42	166	38877	2.227	ng	99
60) Diethylphthalate	10.28	149	44243	2.232	ng	97
61) 4-Chlorophenyl-phenvlether	10.40	204	19086	2.010	ng	94
63) Azobenzene	10.56	77	35424	2.032	ng	95
69) Atrazine	11.05	200	11605	2.110	ng	95
71) Phenanthrene	11.38	178	56689	2.156	ng	99
72) Anthracene	11.44	178	59233	2.262	ng	99
74) Di-n-butylphthalate	11.91	149	72658	2.266	ng	97
75) Fluoranthene	12.58	202	58763	2.084	ng	96
77) Benzidine	12.94	184	24232	2.160	ng	96
78) Pyrene	12.81	202	60782	2.154	ng	97
80) Butylbenzylphthalate	13.40	149	29099	2.131	ng	97
81) Benzo(a)anthracene	14.00	228	51743	2.159	ng	97
83) Chrysene	14.03	228	48275	2.111	ng	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	44813	2.312	ng	97
85) Di-n-octyl phthalate	14.57	149	70532	2.365	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	37167	2.051	ng	95
88) Benzo(b)fluoranthene	15.06	252	42833	2.096	ng	95

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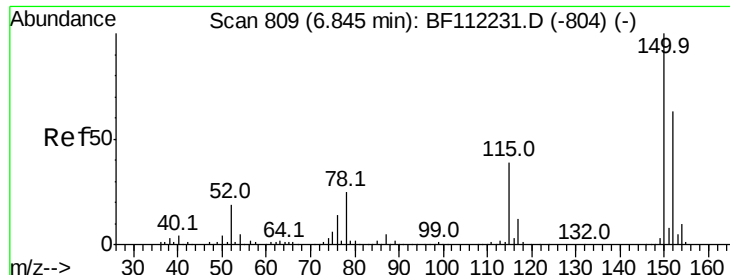
Manual Integrations
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2/15/2019 4:53:00 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	15.08	252	43269m	2.211	ng	
90) Benzo(a)pyrene	15.42	252	39162	2.130	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	31007	2.093	ng	98
92) Benzo(g,h,i)perylene	17.45	276	29685	2.124	ng	# 91

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



#1

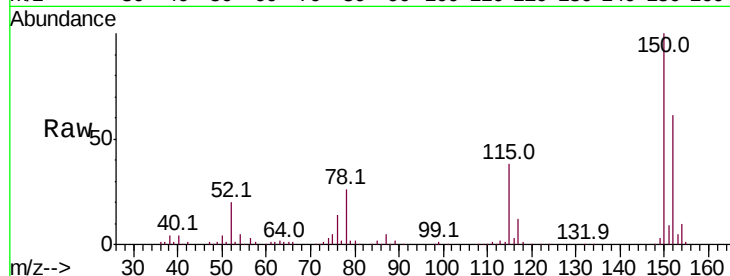
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	127.4	191.0
115	62.7	45.5	68.3

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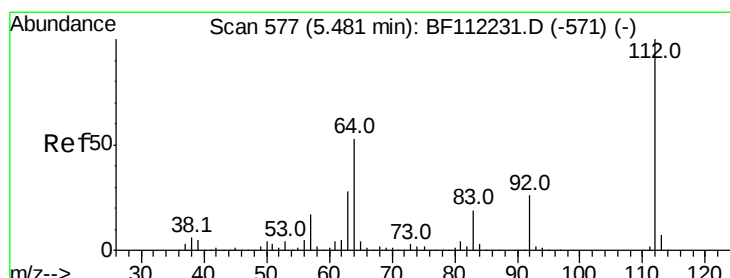
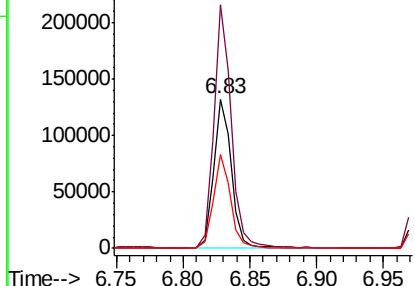
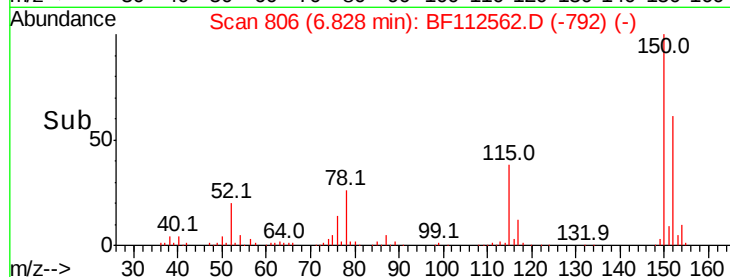


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

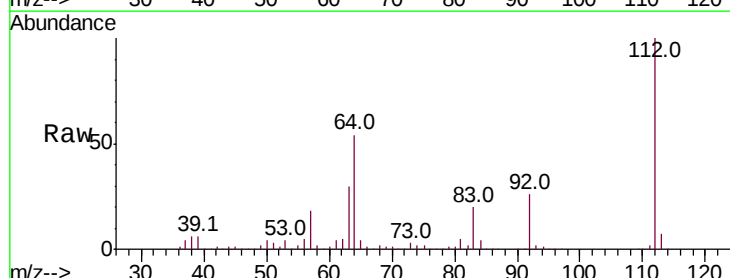
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 154.196 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	45.7	68.5
63	29.6	23.6	35.4

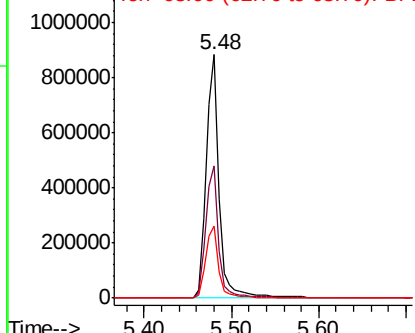
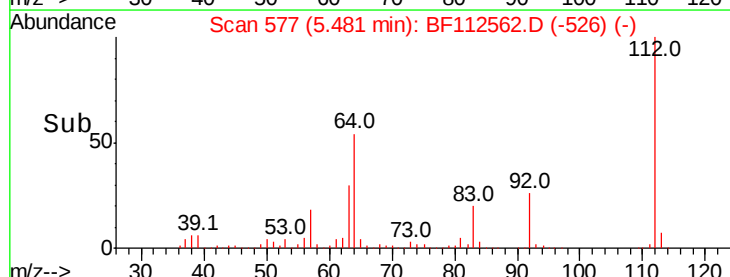


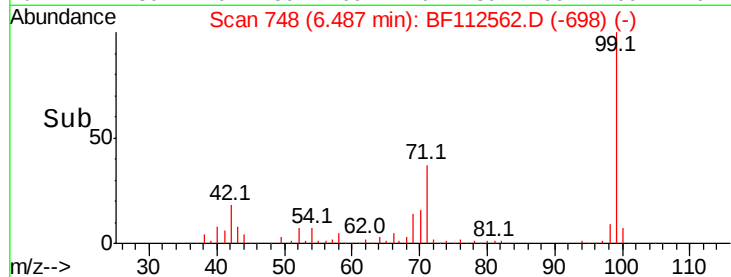
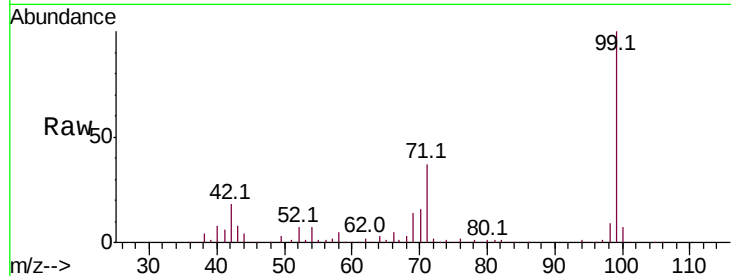
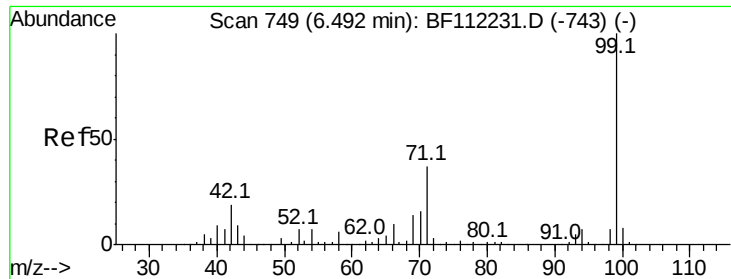
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 140.377 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Tot Ion:	99	Resp:	1147167
Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	36.8	26.9	40.3

Instrument :

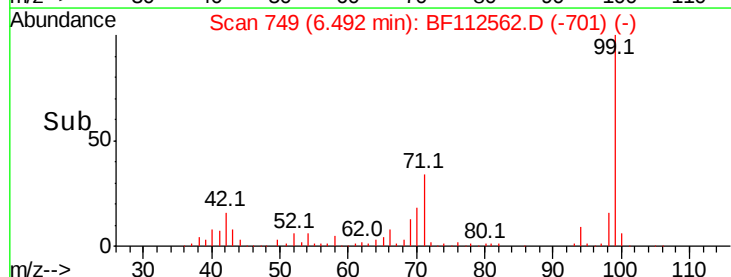
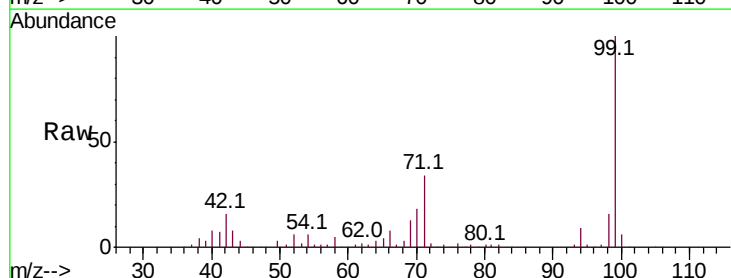
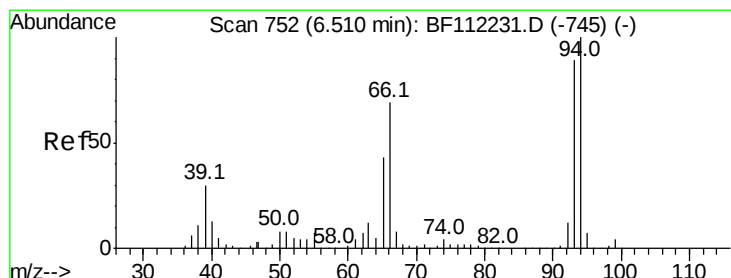
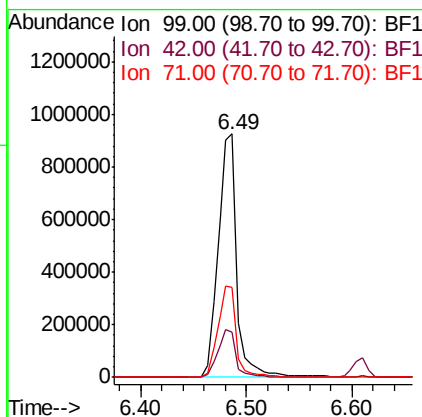
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ClientSampleId :

PB117100BL

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#10

Phenol

Concen: 2.173 ng

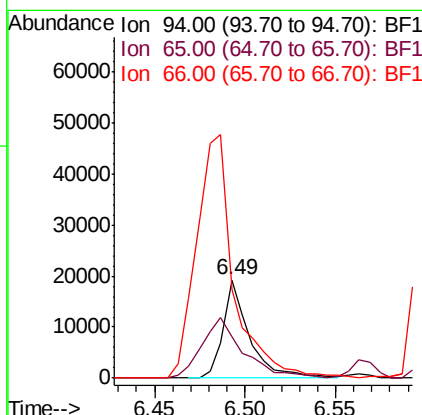
RT: 6.49 min Scan# 749

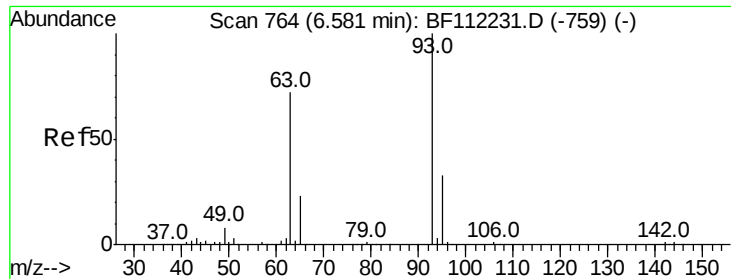
Delta R.T. -0.02 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Tgt Ion:	94	Resp:	19481
Ion	Ratio	Lower	Upper
94	100		
65	42.5	20.3	60.3
66	90.2	42.4	82.4#





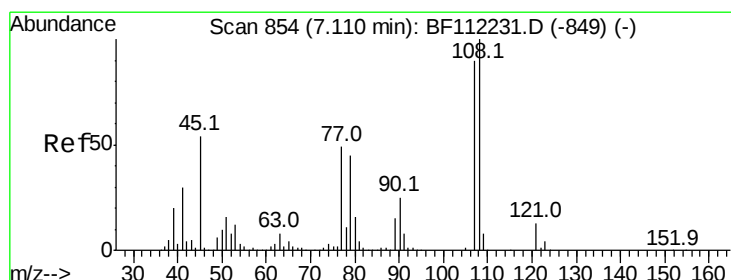
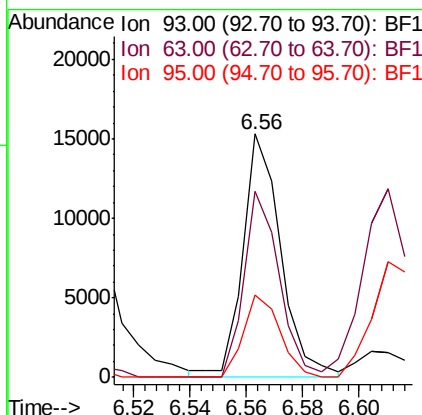
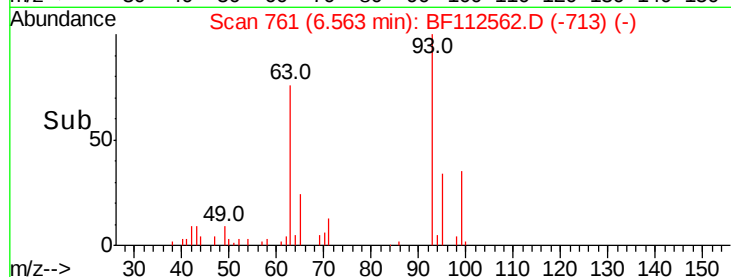
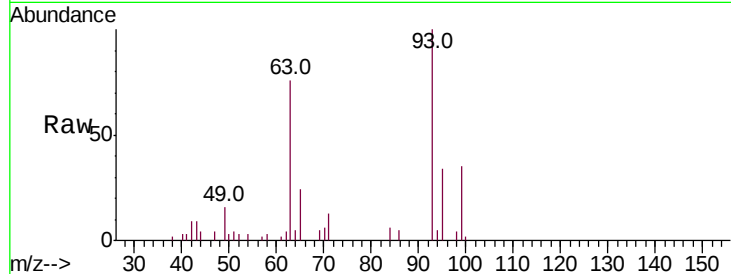
#11
bis(2-Chloroethyl)ether
Concen: 2.029 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion:	93	Resp:	14320
Ion Ratio	Lower	Upper	
93	100		
63	76.4	53.3	93.3
95	33.9	13.4	53.4

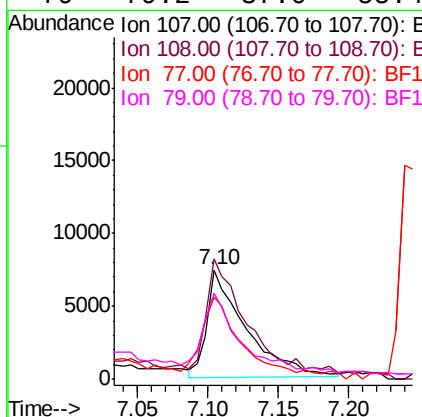
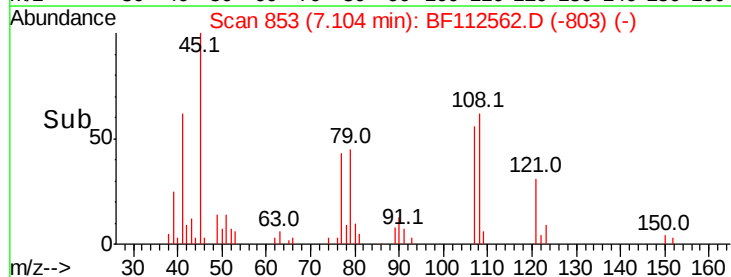
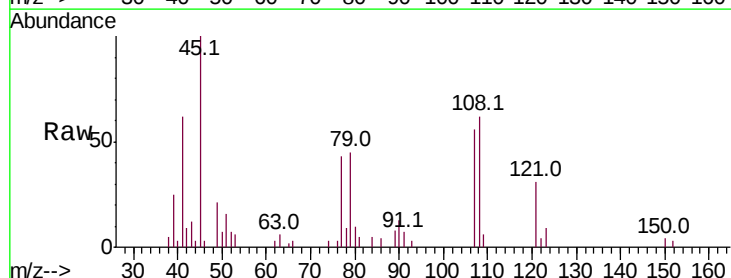
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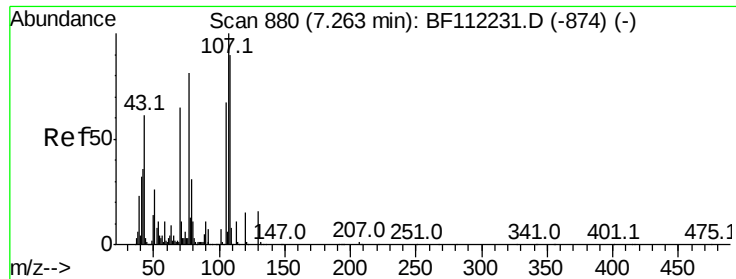
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2/15/2019 4:53:00 PM



#17
2-Methylphenol
Concen: 2.278 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion:	107	Resp:	14286
Ion Ratio	Lower	Upper	
107	100		
108	110.5	91.3	136.9
77	75.9	39.0	58.6#
79	79.2	37.0	55.4#





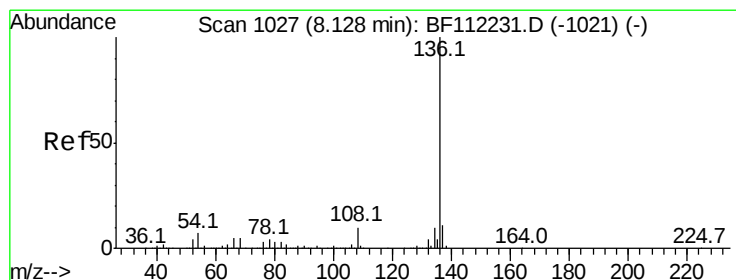
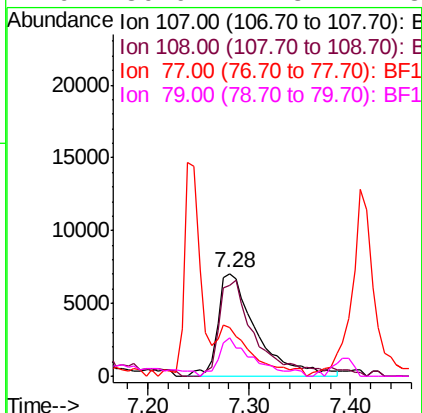
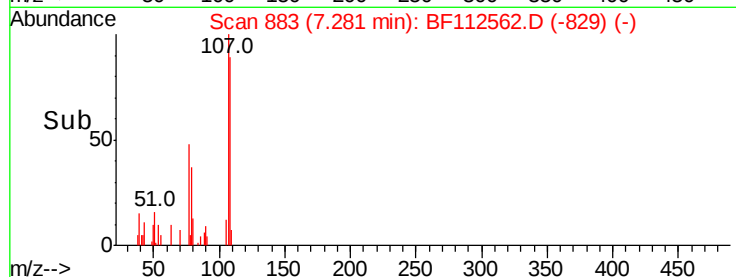
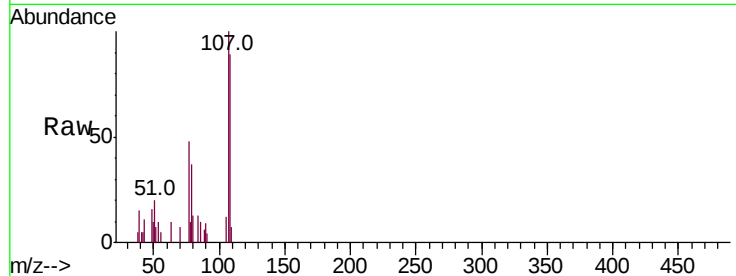
#20
3+4-Methylphenols
Concen: 2.319 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampled :
PB117100BL

Tot Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	48.0	100.7	140.7#
79	36.9	7.3	47.3

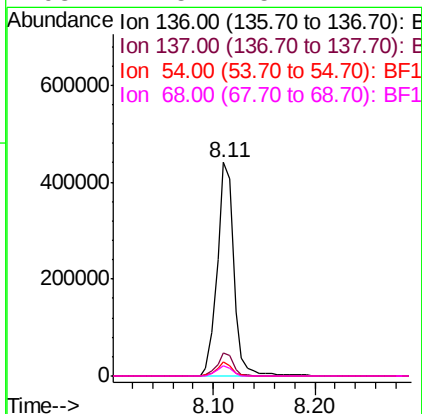
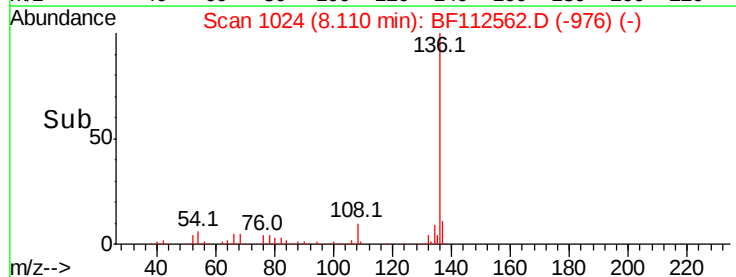
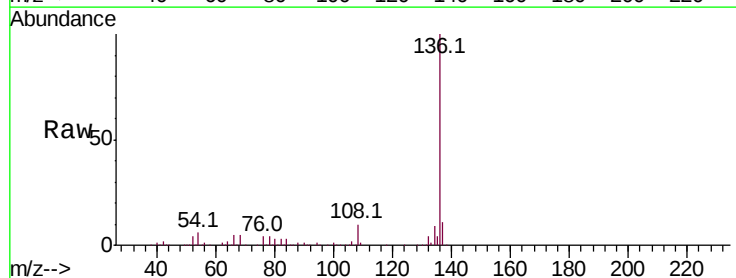
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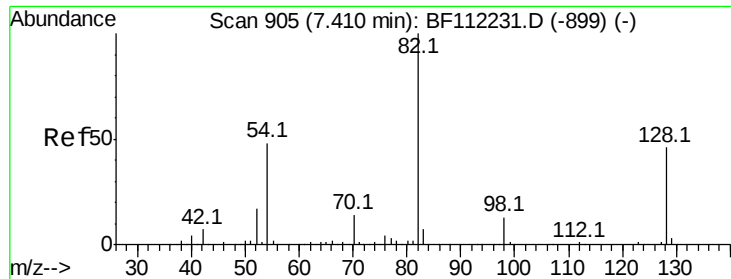
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.4	5.9	8.9
68	4.5	5.1	7.7#





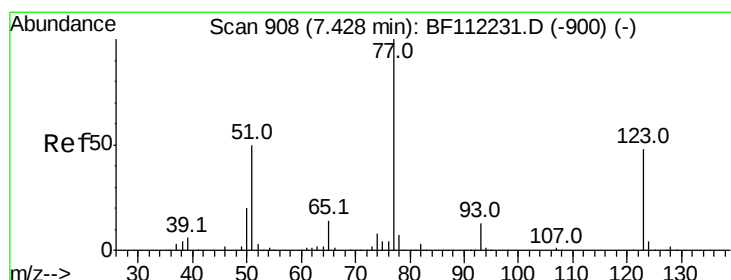
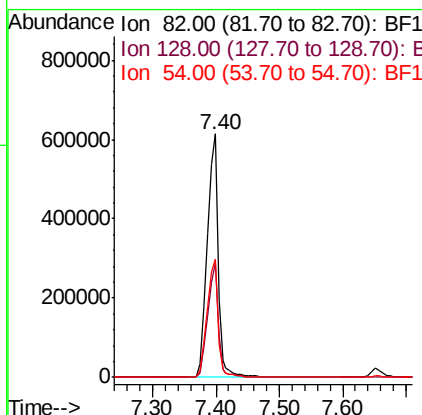
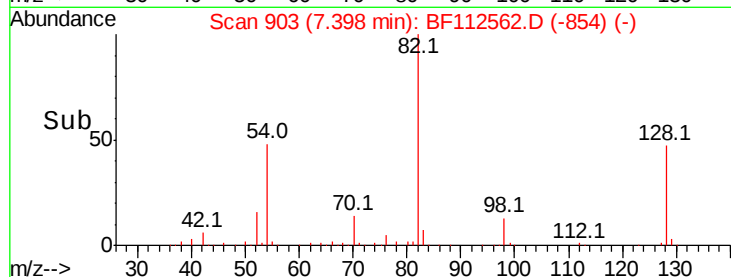
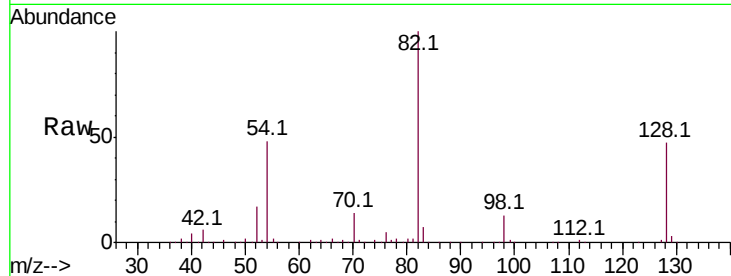
#23
 Nitrobenzene-d5
 Concen: 84.107 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112562.D
 Acq: 14 Feb 2019 12:40

Instrument :
 BNA_F
 ClientSampled :
 PB117100BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	37.8	56.8
54	48.4	39.7	59.5

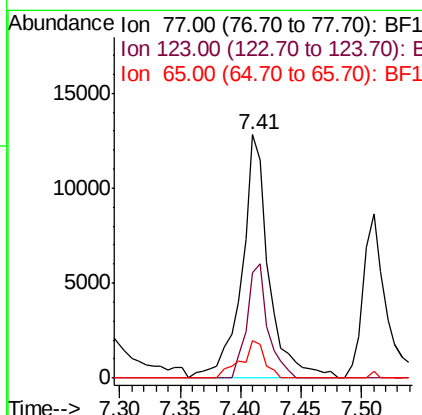
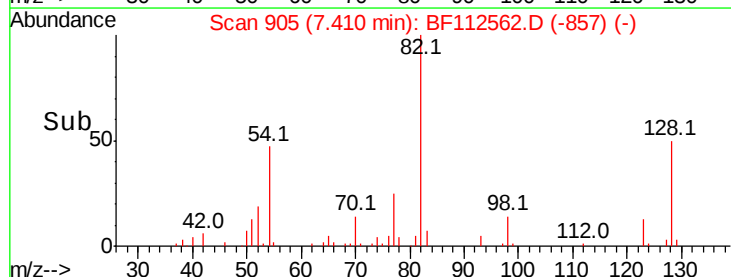
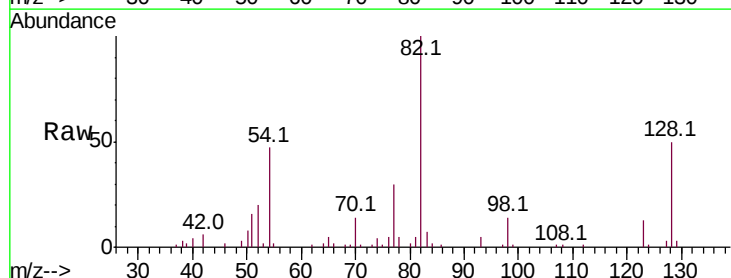
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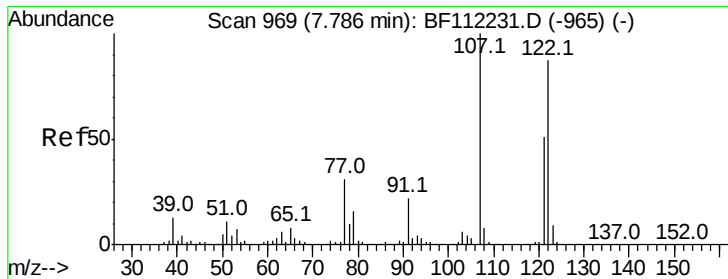
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#24
 Nitrobenzene
 Concen: 2.305 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112562.D
 Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	38.4	57.6
65	15.5	10.6	15.8





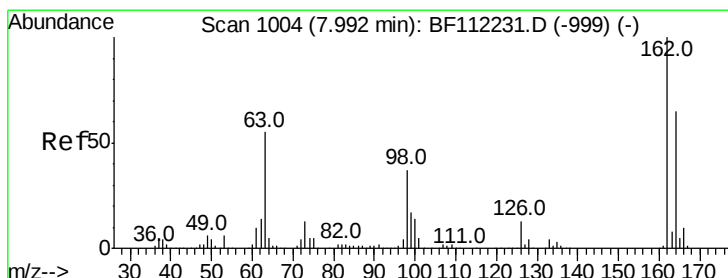
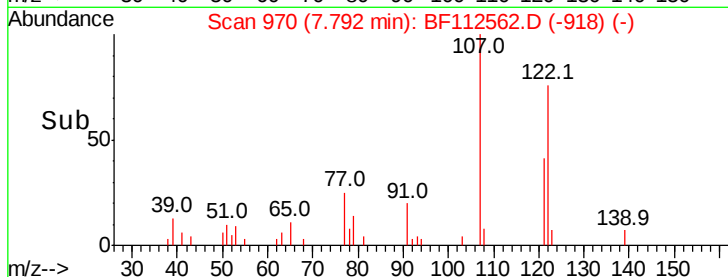
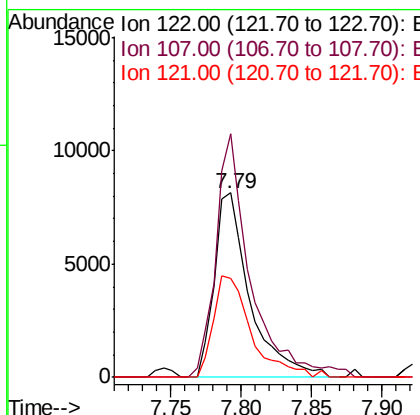
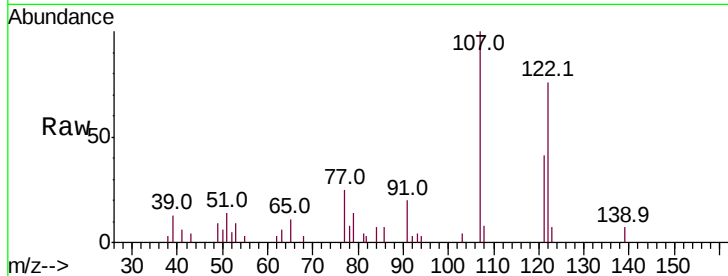
#27
2,4-Dimethylphenol
Concen: 2.237 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampled :
PB117100BL

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.1	85.4	128.0#
121	53.9	47.0	70.4

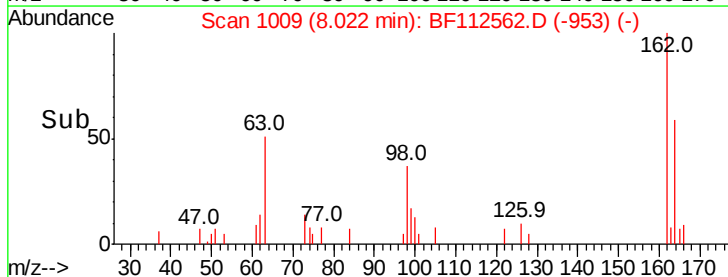
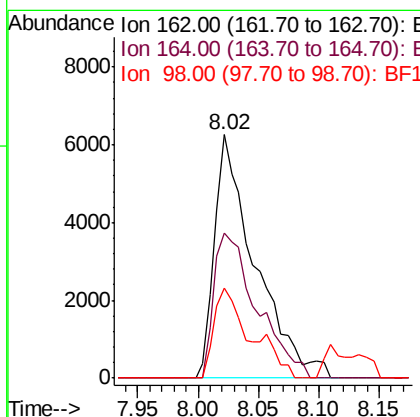
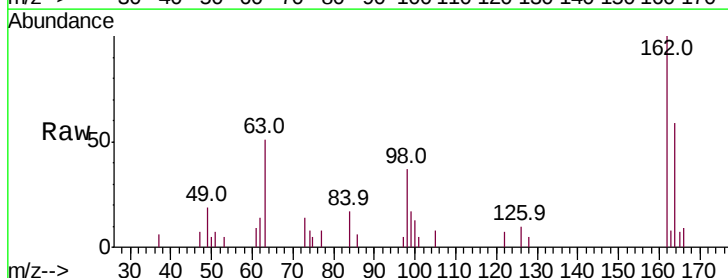
Manual Integrations
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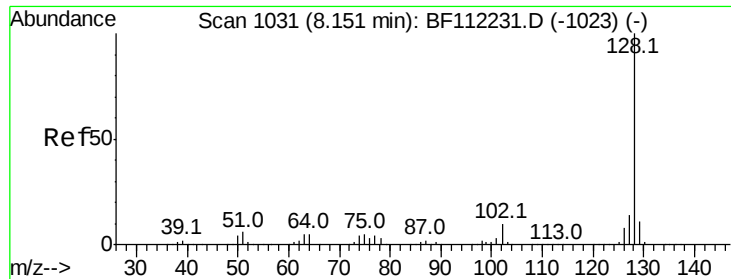
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#29
2,4-Dichlorophenol
Concen: 2.027 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.03 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
162	100		
164	59.4	44.6	84.6
98	36.9	14.6	54.6





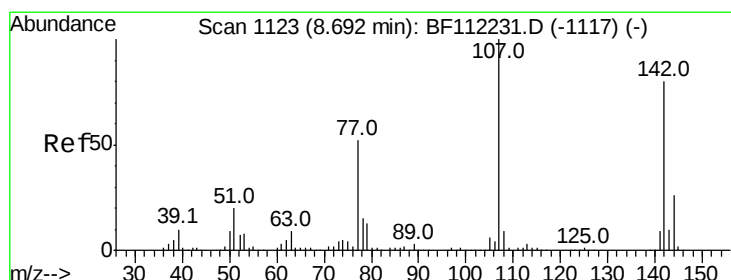
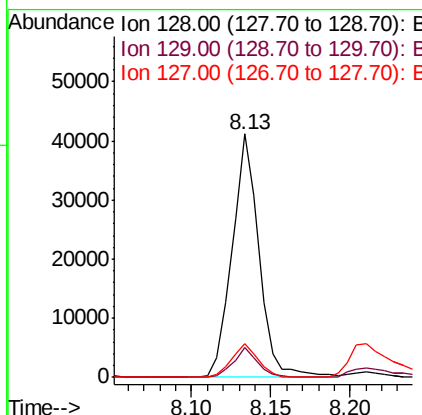
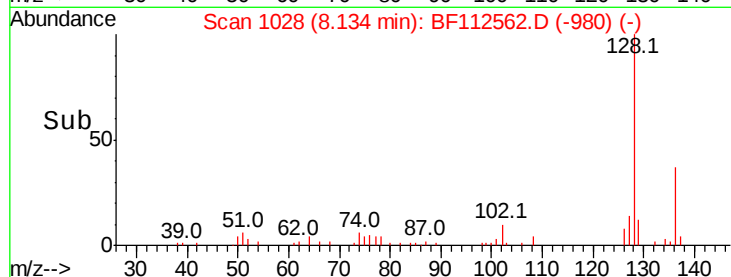
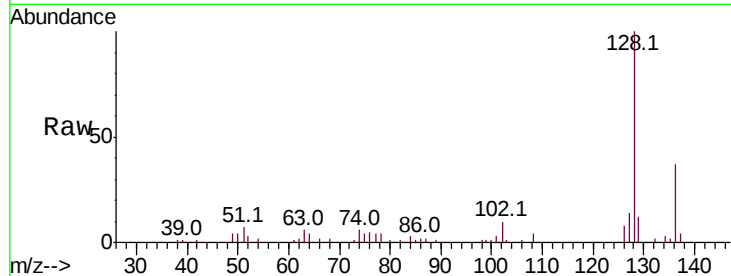
#31
Naphthalene
Concen: 2.074 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.6	14.4
127	13.7	11.1	16.7

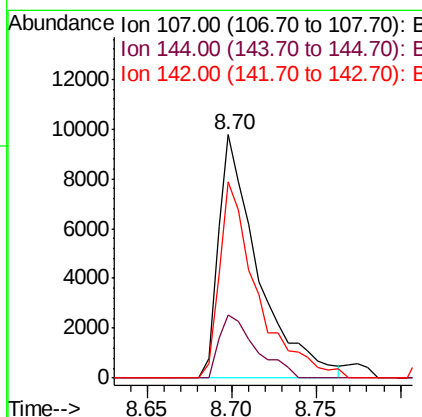
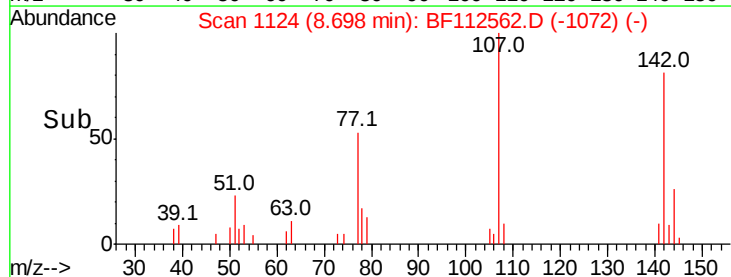
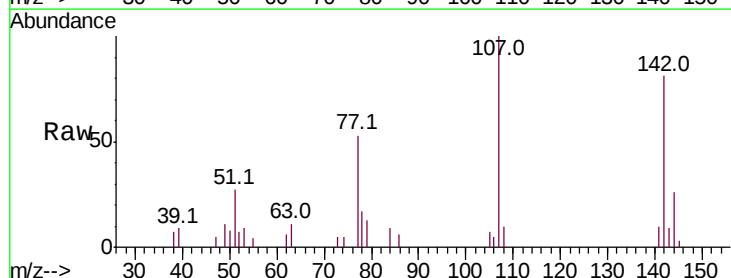
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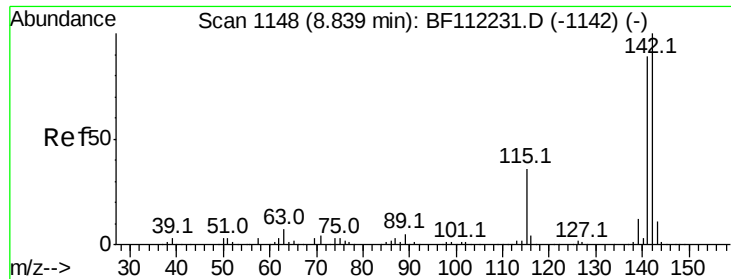
Sohil
2/15/2019 4:53:00 PM



#36
4-Chloro-3-methylphenol
Concen: 2.115 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	22.2	33.2
142	80.7	67.7	101.5





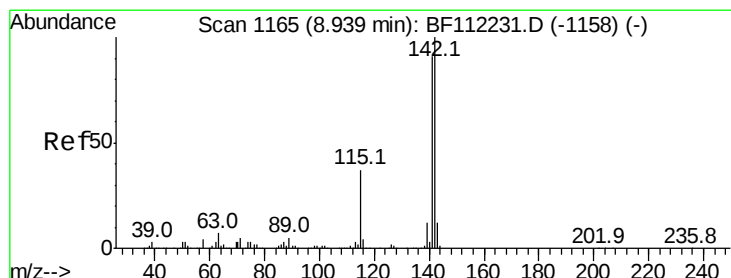
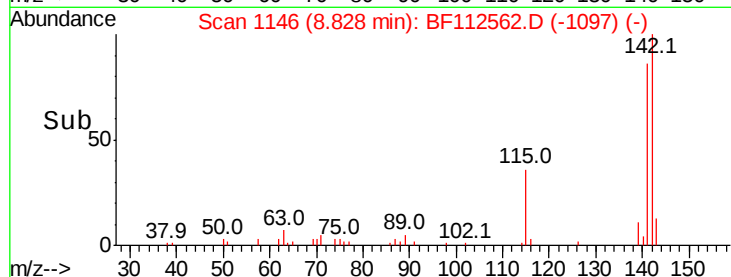
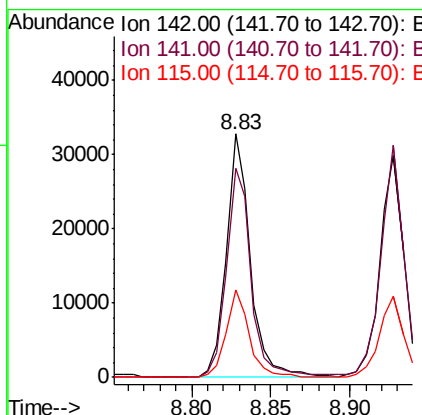
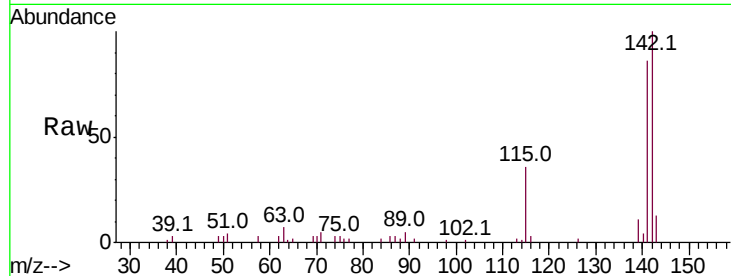
#37
2-Methylnaphthalene
Concen: 2.151 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.9	106.3
115	35.8	24.9	37.3

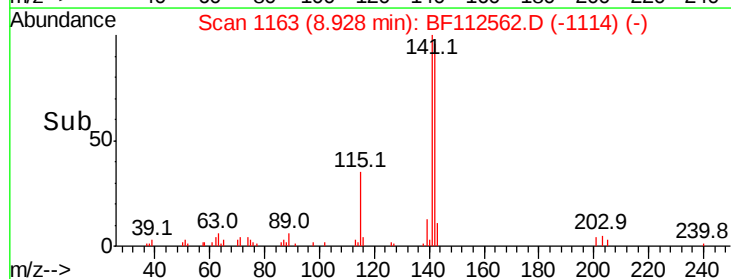
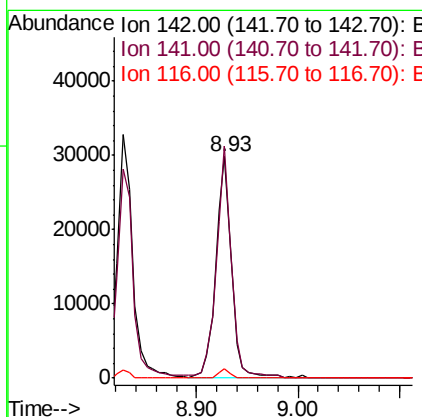
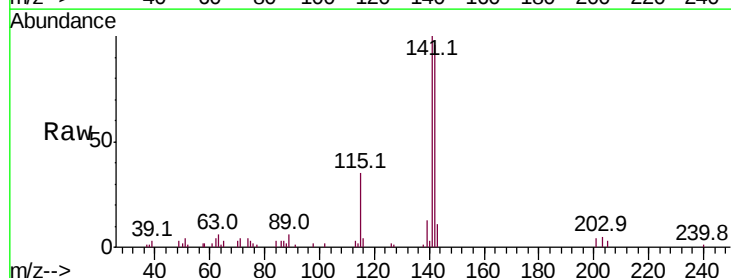
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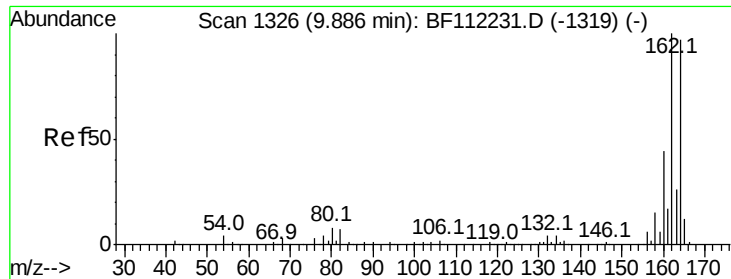
Sohil
2/15/2019 4:53:00 PM



#38
1-Methylnaphthalene
Concen: 2.101 ng m
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	104.6	72.6	108.8
116	4.5	2.8	4.2#





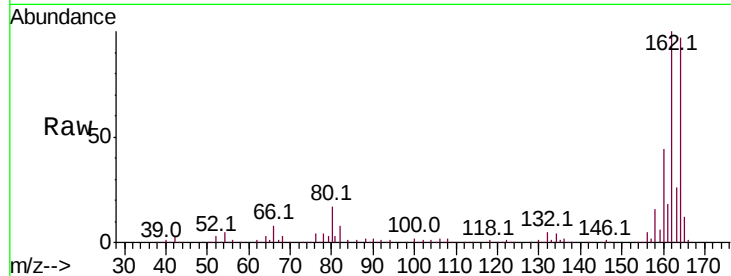
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	257135		
162	103.3	82.2	123.4	
160	45.3	36.2	54.4	

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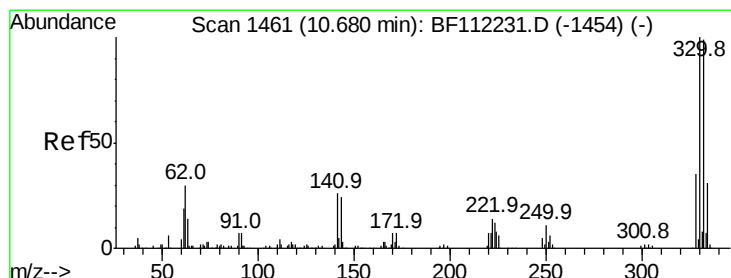
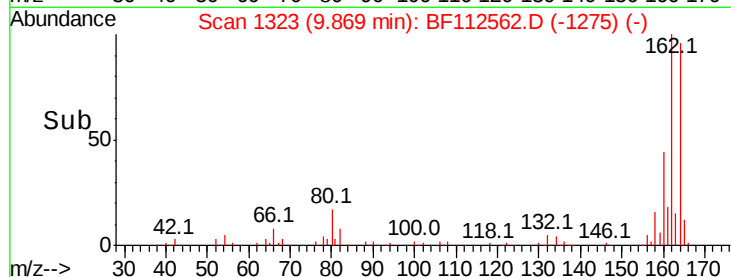
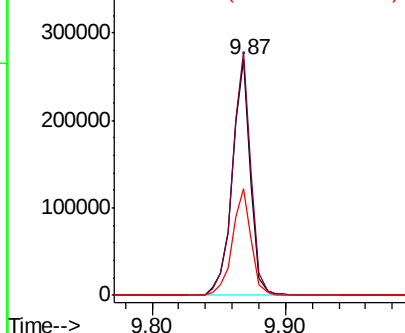


Abundance

Ion 164.00 (163.70 to 164.70): E

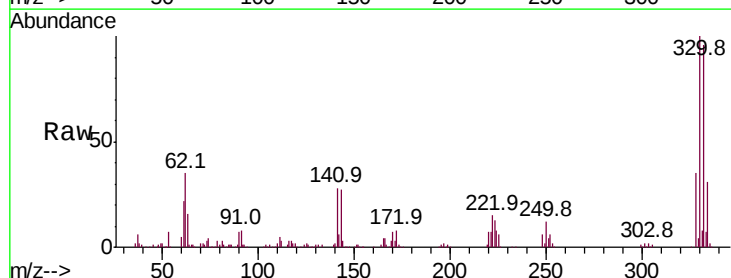
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 132.402 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	396278		
332	95.0	76.6	114.8	
141	33.2	24.3	36.5	

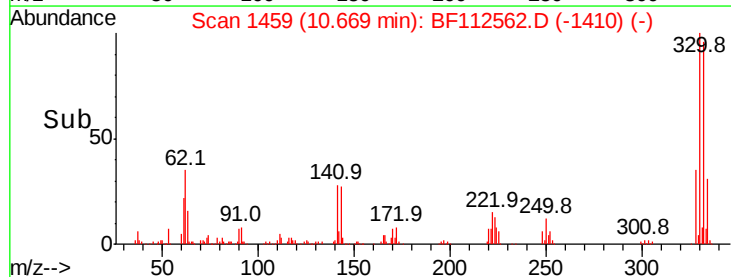
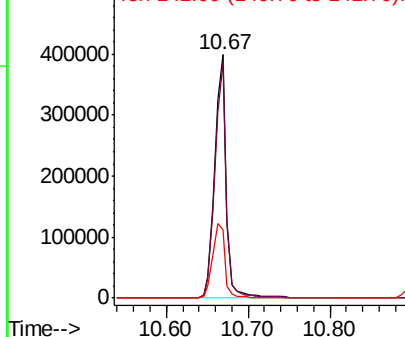


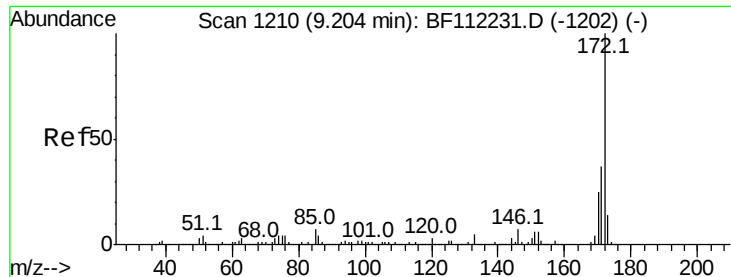
Abundance

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





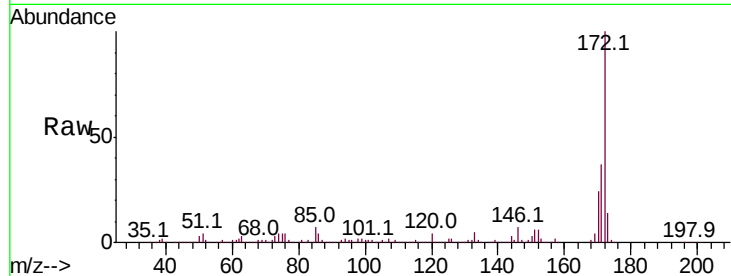
#45
2-Fluorobiphenyl
Concen: 83.793 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

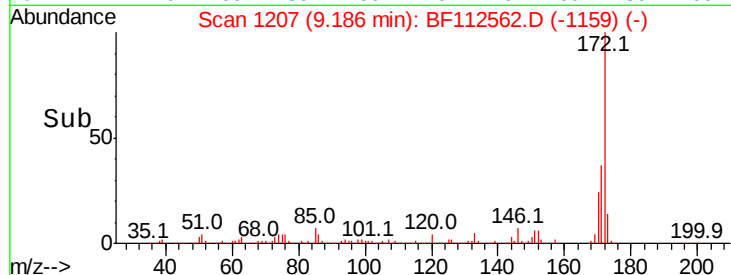
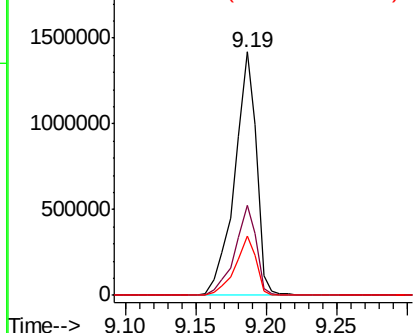
Tot Ion:172 Resp: 1523403
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 24.4 20.2 30.4

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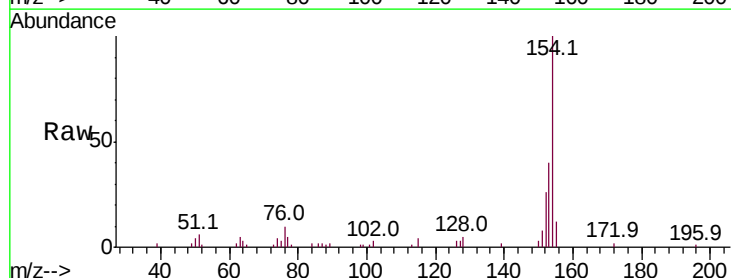
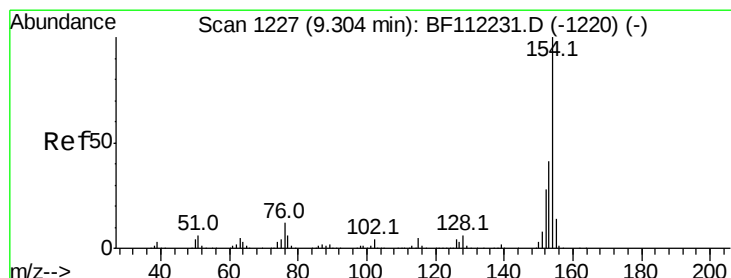
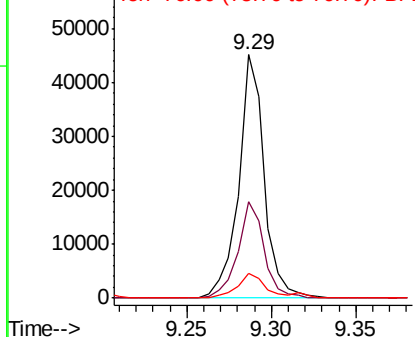
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

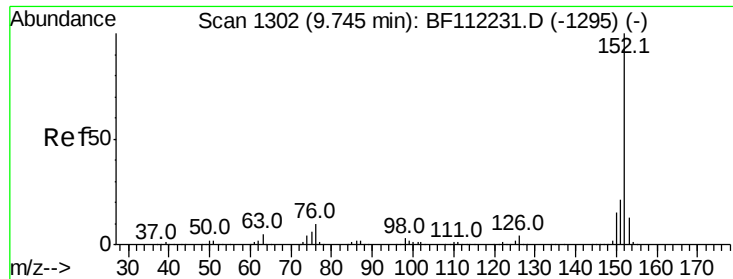


#46
1,1'-Biphenyl
Concen: 2.099 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion:154 Resp: 47190
Ion Ratio Lower Upper
154 100
153 39.8 21.5 61.5
76 10.3 0.0 33.1

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





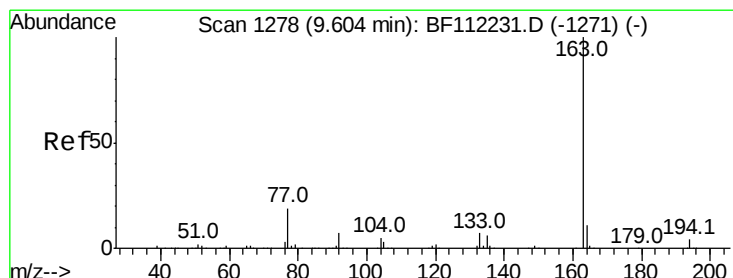
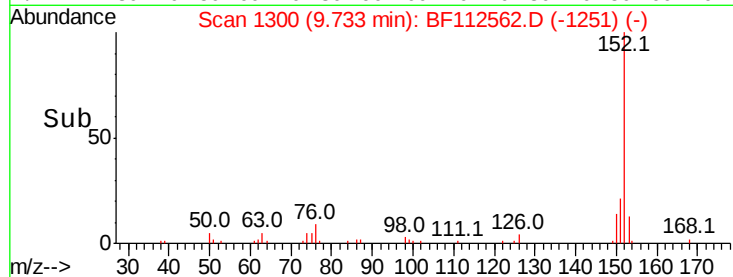
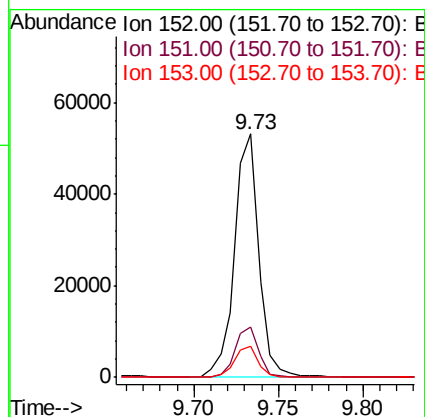
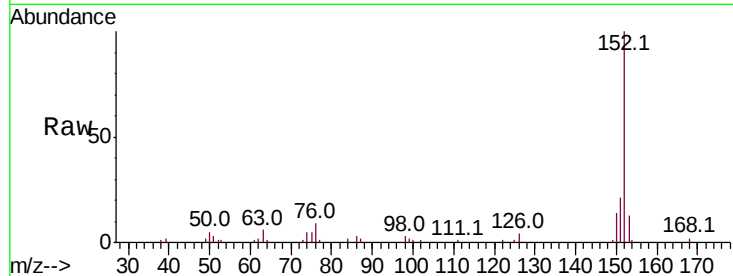
#49
Acenaphthylene
Concen: 2.075 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion:	152	Resp:	53023
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.0	25.6
153	12.7	11.2	16.8

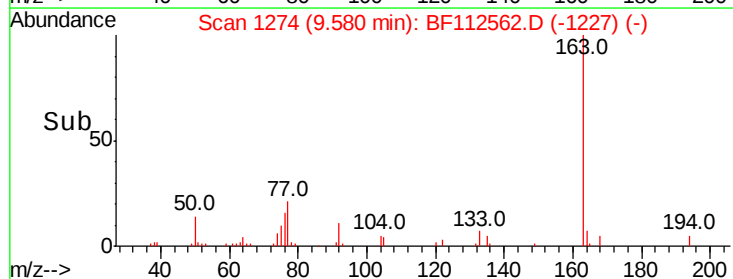
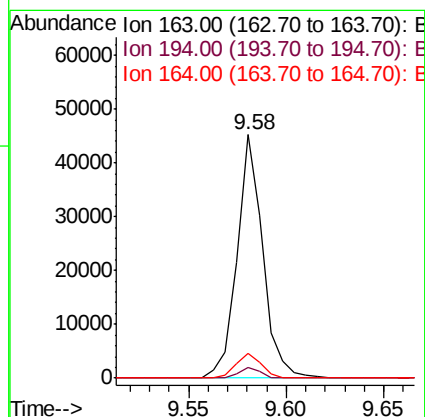
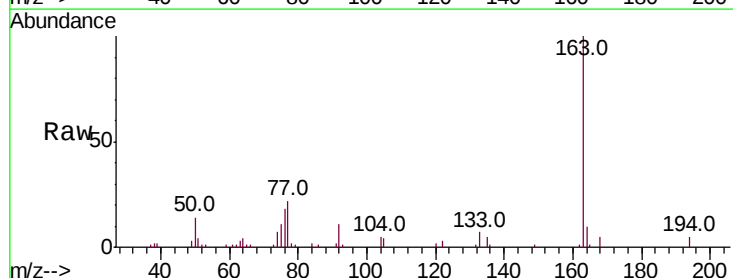
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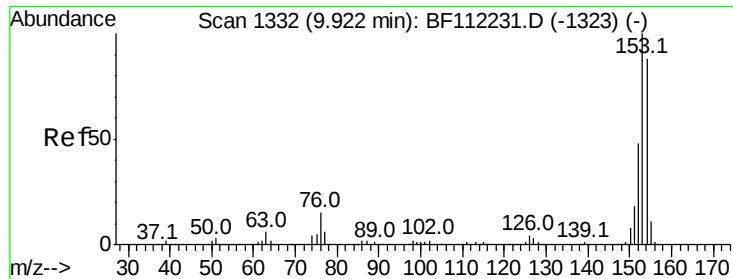
Sohil
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#50
Dimethylphthalate
Concen: 2.064 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion:	163	Resp:	41227
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.3	4.9
164	10.1	8.5	12.7





#52

Acenaphthene

Concen: 2.117 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Instrument :

BNA_F

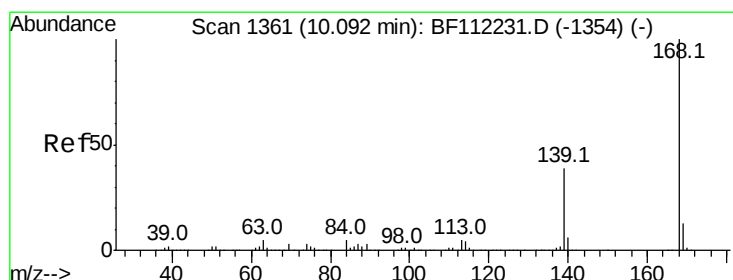
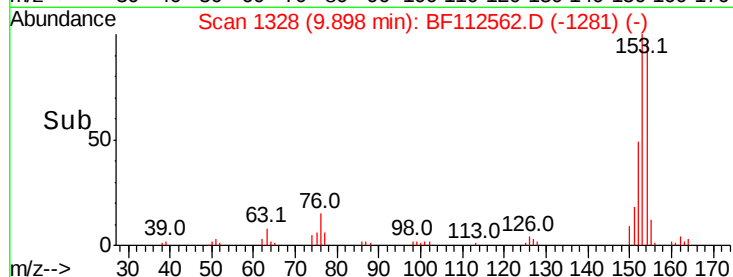
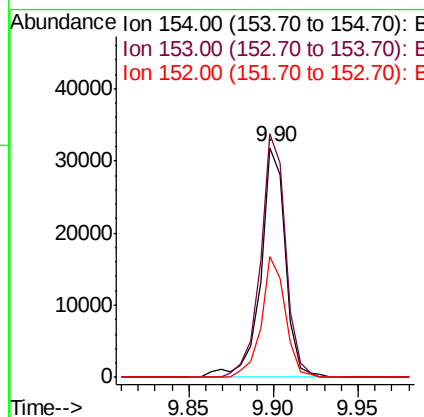
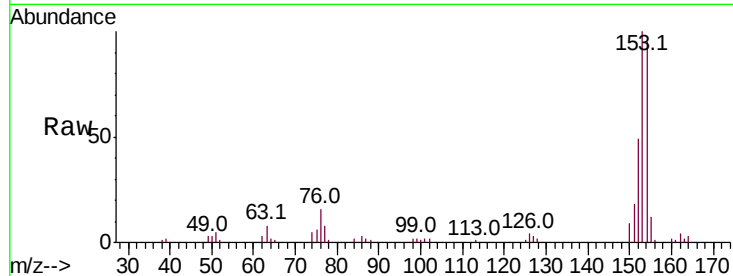
ClientSampleId :

PB117100BL

Tot Ion:	154	Resp:	32312
Ion Ratio	Lower	Upper	
154	100		
153	105.8	89.8	134.6
152	52.3	43.5	65.3

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#55

Dibenzofuran

Concen: 2.064 ng

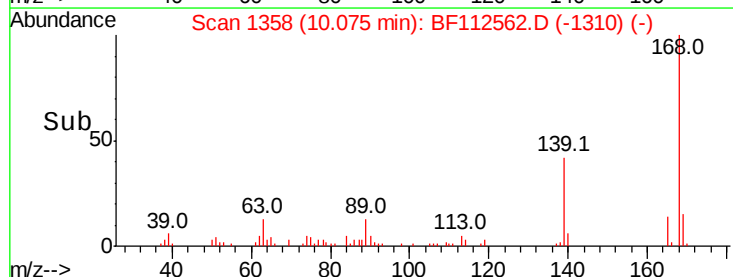
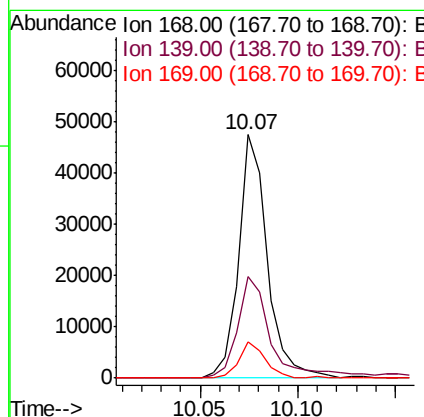
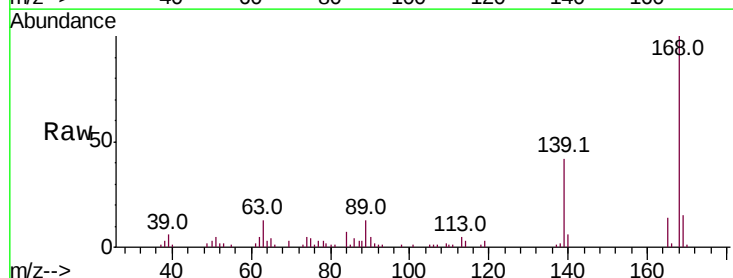
RT: 10.07 min Scan# 1358

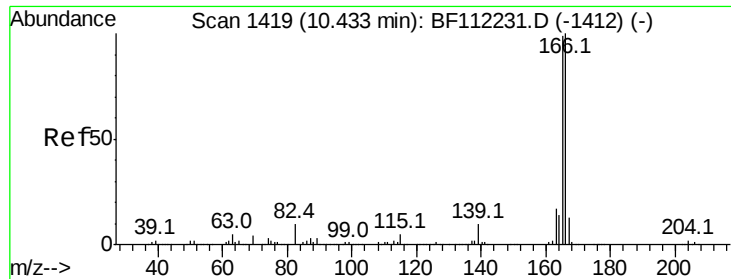
Delta R.T. -0.02 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Tgt Ion:	168	Resp:	48150
Ion Ratio	Lower	Upper	
168	100		
139	41.6	29.2	43.8
169	14.9	11.4	17.0





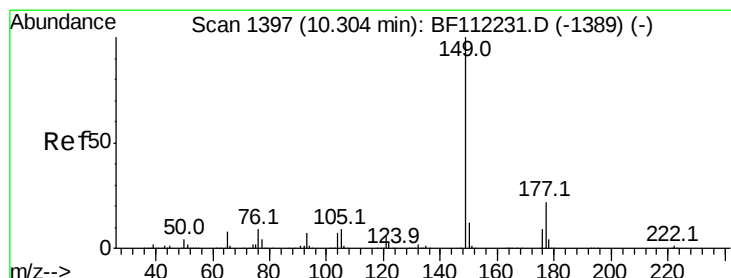
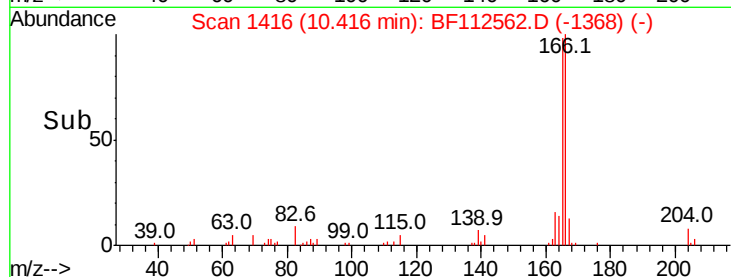
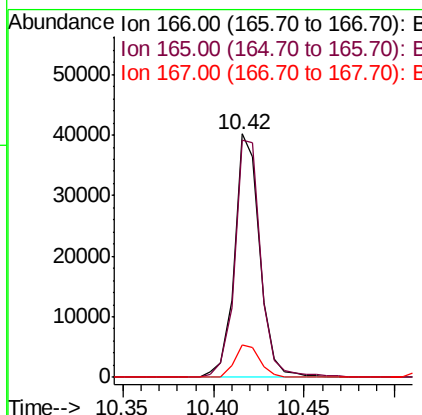
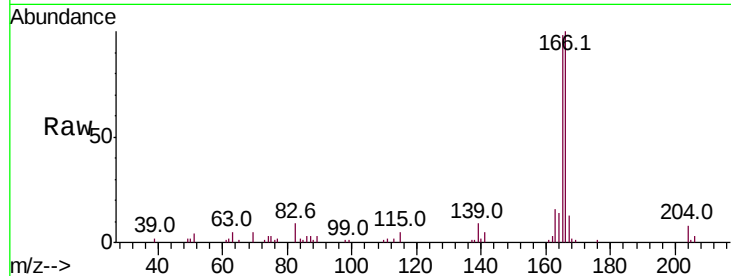
#58
 Fluorene
 Concen: 2.227 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF112562.D
 Acq: 14 Feb 2019 12:40

Instrument :
 BNA_F
 ClientSampleID :
 PB117100BL

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.1	115.7
167	13.2	11.3	16.9

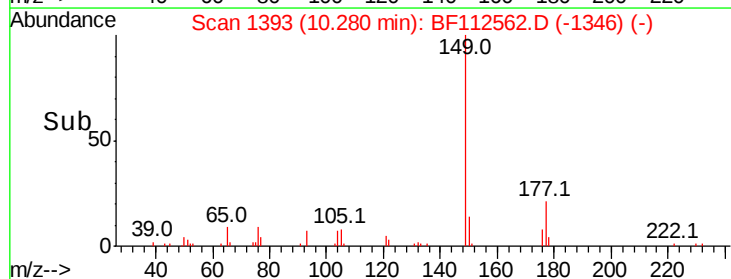
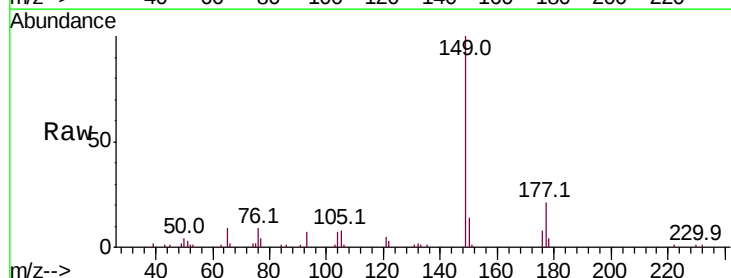
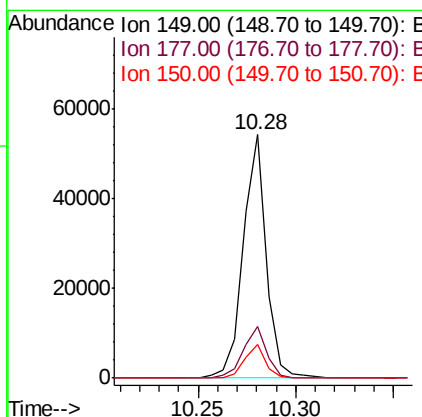
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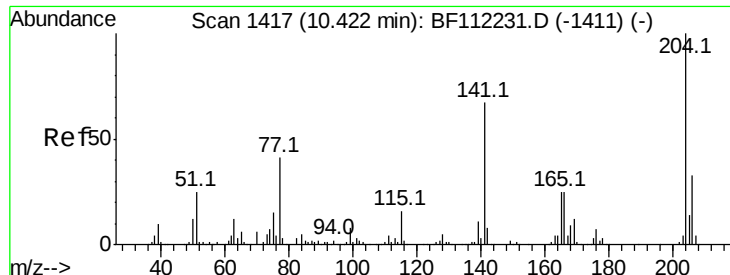
Sohil
 2/15/2019 4:53:00 PM



#60
 Diethylphthalate
 Concen: 2.232 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.02 min
 Lab File: BF112562.D
 Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	18.2	27.2
150	13.7	10.4	15.6





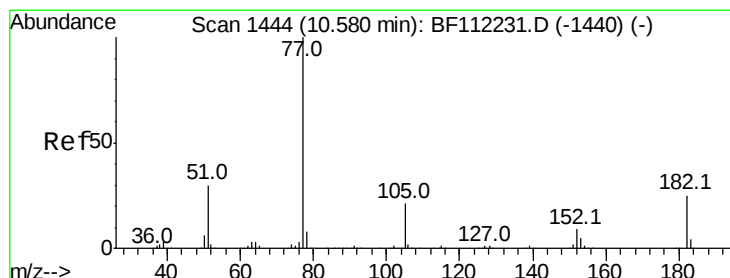
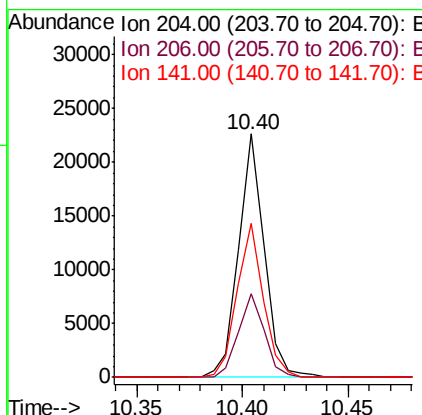
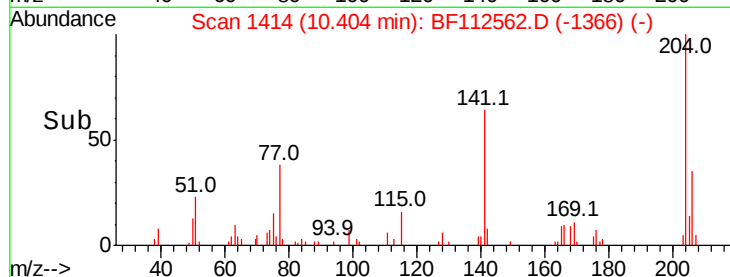
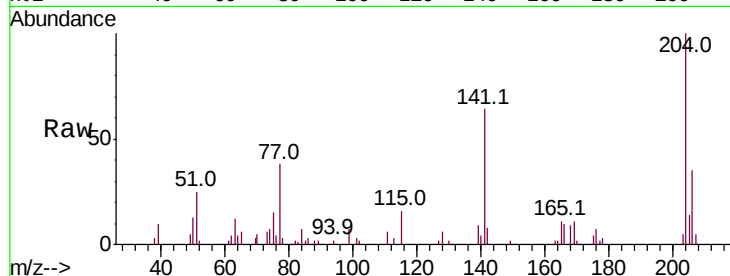
#61
4-Chlorophenyl-phenylether
Concen: 2.010 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.5	39.7
141	63.5	45.9	68.9

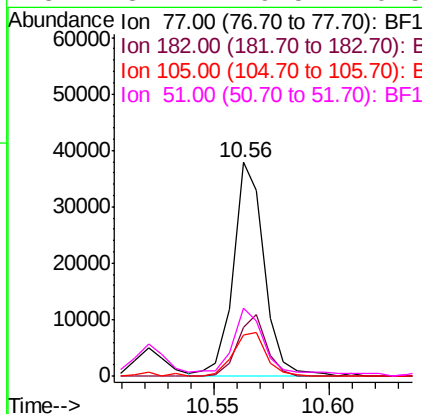
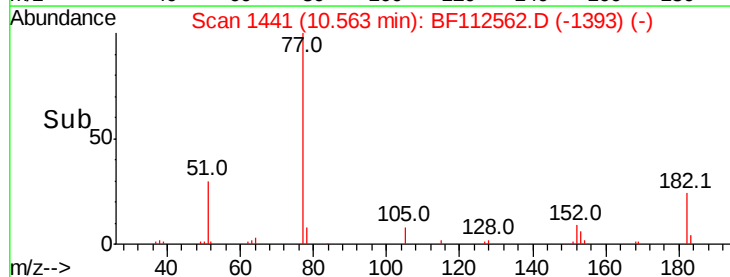
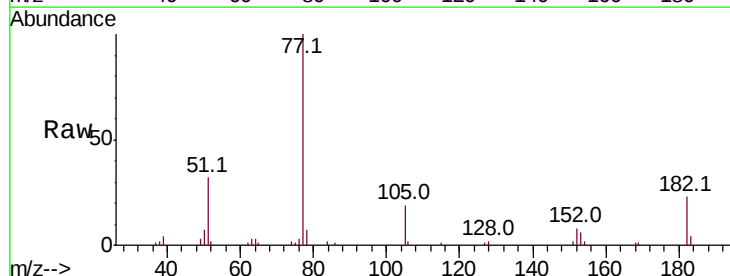
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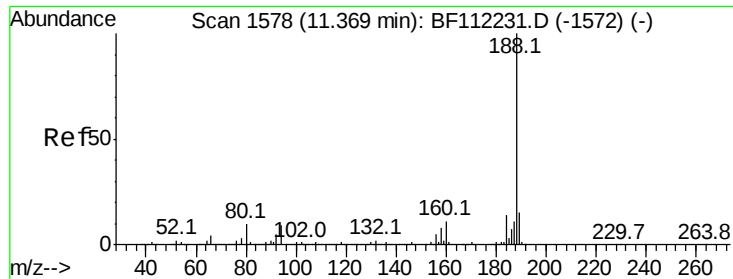
Sohil
2/15/2019 4:53:00 PM



#63
Azobenzene
Concen: 2.032 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	5.7	45.7
105	19.3	1.4	41.4
51	31.7	9.5	49.5





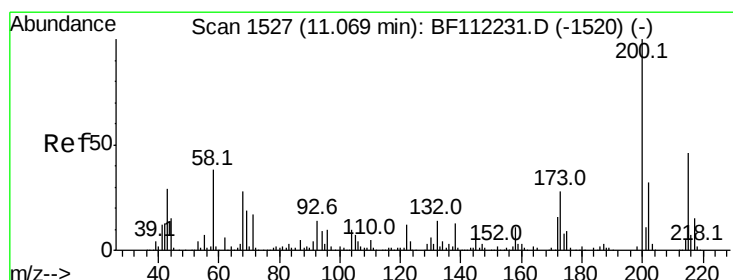
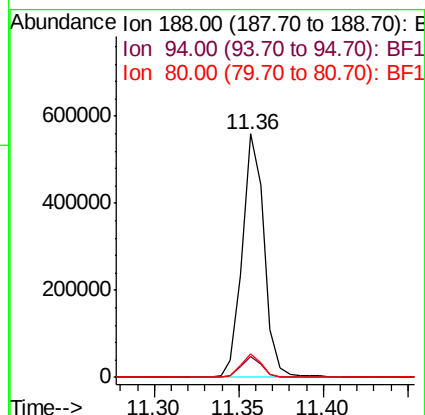
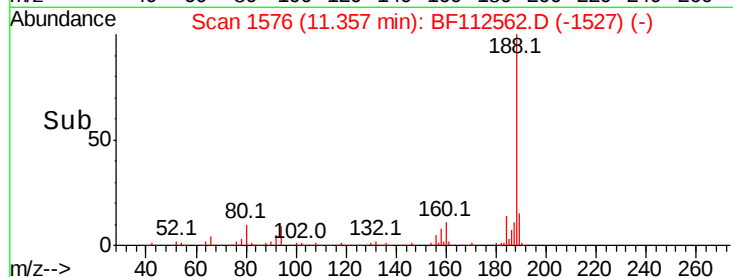
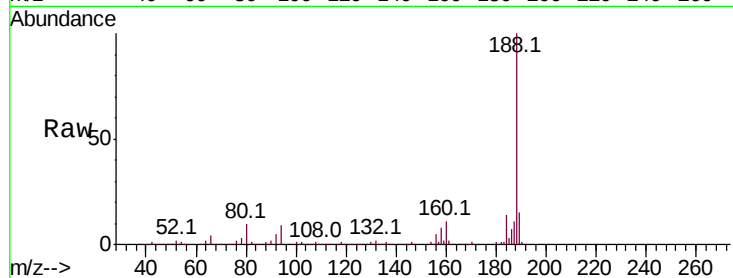
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.6	8.9	13.3

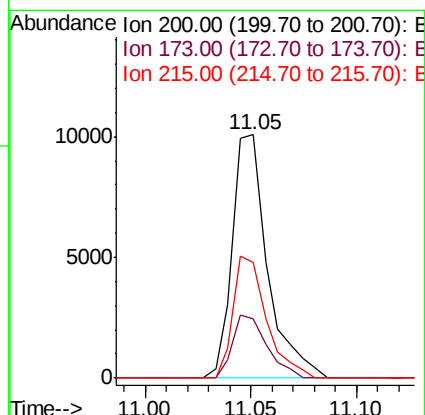
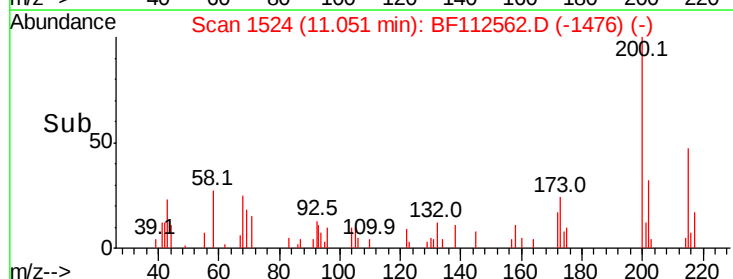
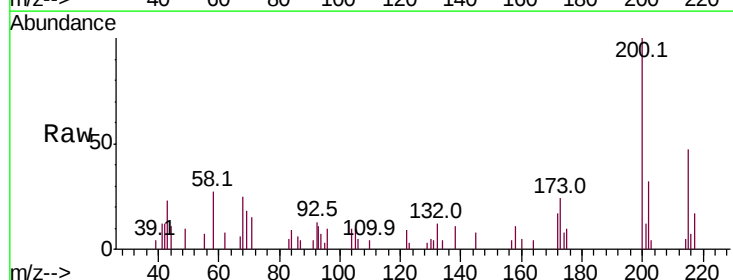
Manual Integrations
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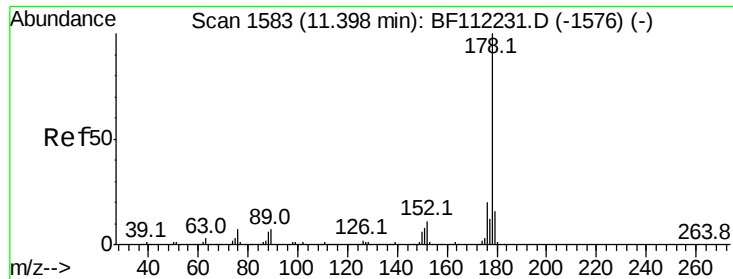
Sohil
2/15/2019 4:53:00 PM



#69
Atrazine
Concen: 2.110 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.3	7.1	47.1
215	47.3	30.4	70.4





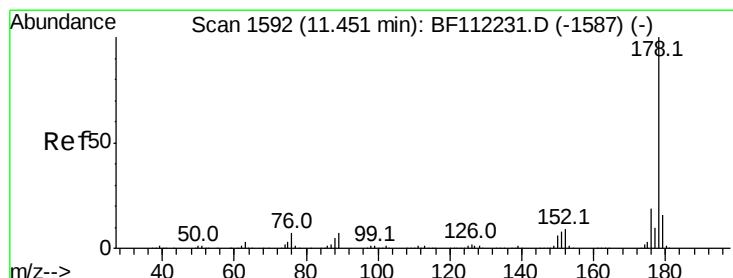
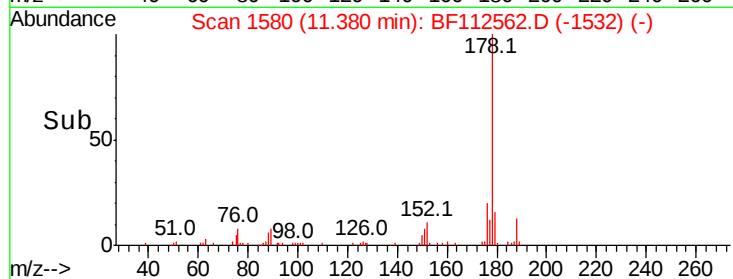
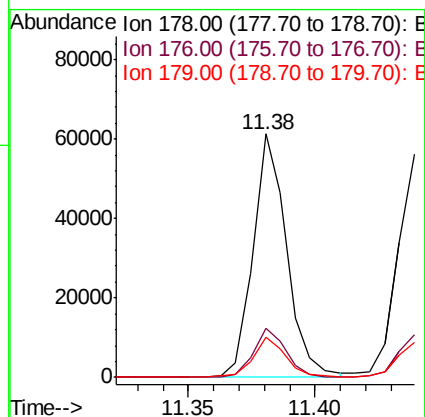
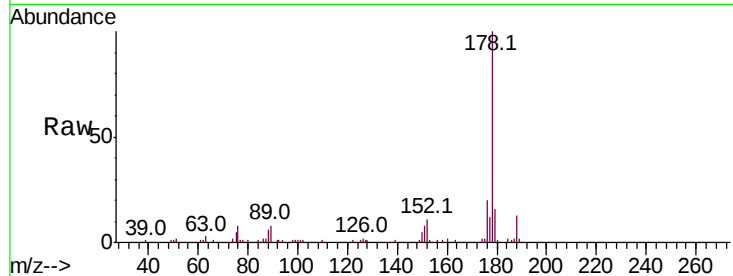
#71
Phenanthrene
Concen: 2.156 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.3	24.5
179	16.3	13.0	19.4

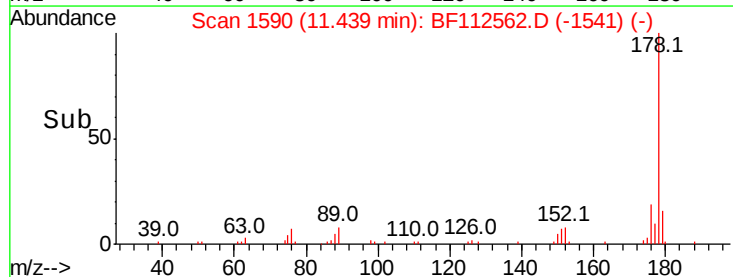
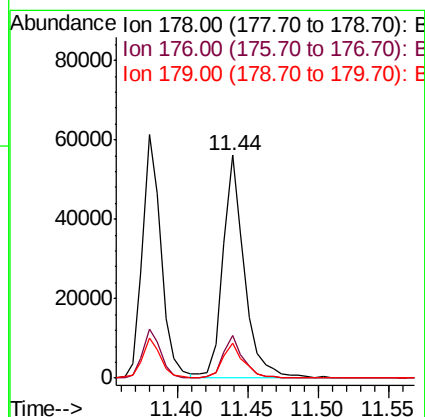
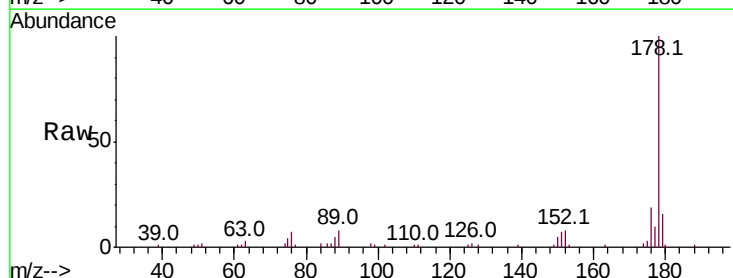
Manual Integrations
APPROVED

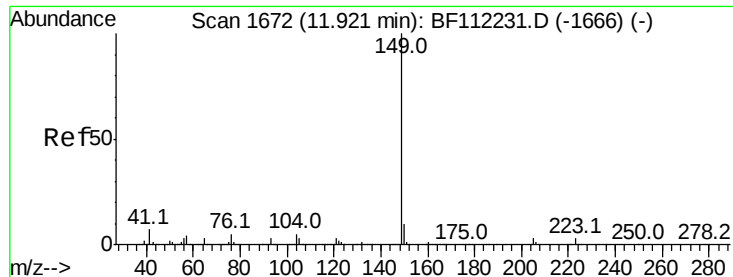
Sohil
2/15/2019 4:53:00 PM



#72
Anthracene
Concen: 2.262 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.6	12.8	19.2





#74

Di-n-butylphthalate

Concen: 2.266 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Instrument :

BNA_F

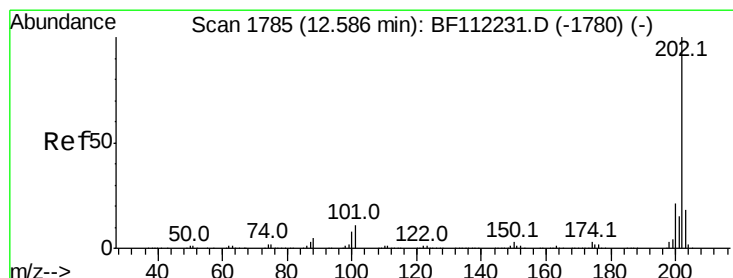
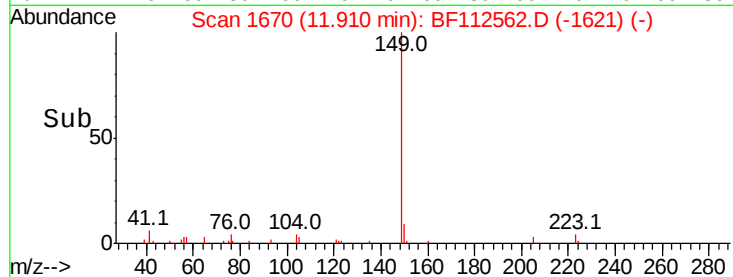
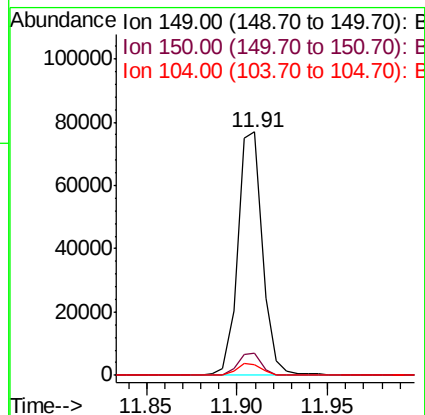
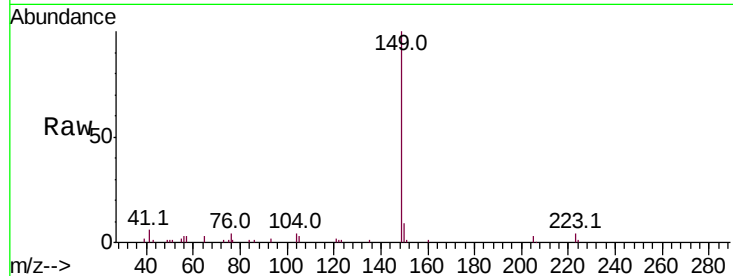
ClientSampled :

PB117100BL

Tot Ion:	149	Resp:	72658
Ion Ratio	Lower	Upper	
149	100		
150	8.9	8.1	12.1
104	4.3	3.9	5.9

Manual Integrations
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Sohil
2/15/2019 4:53:00 PM



#75

Fluoranthene

Concen: 2.084 ng

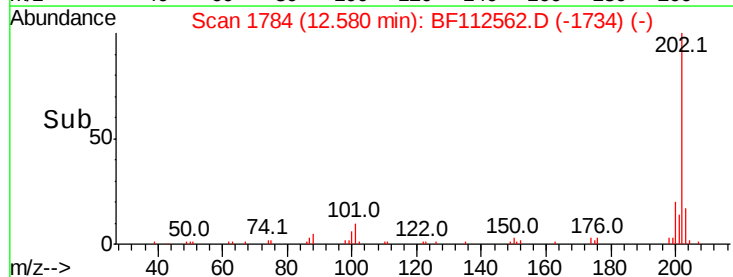
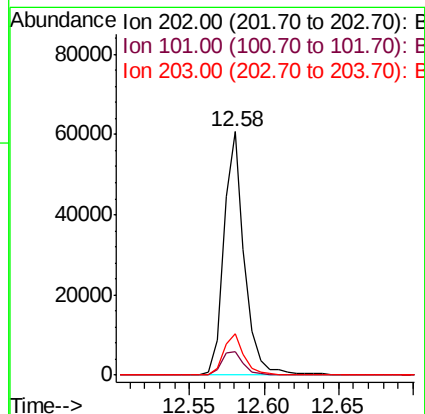
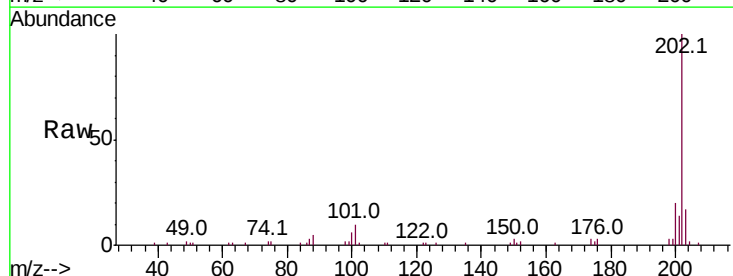
RT: 12.58 min Scan# 1784

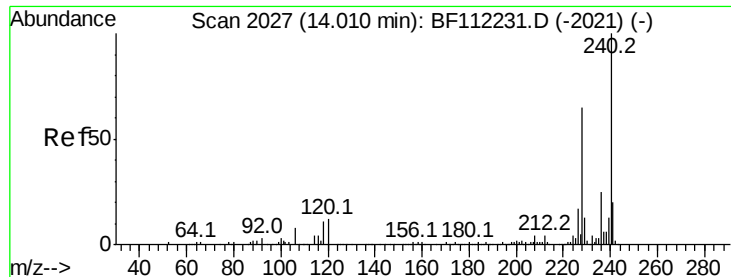
Delta R.T. -0.01 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Tgt Ion:	202	Resp:	58763
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	31.8
203	17.0	0.0	38.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Instrument :

BNA_F

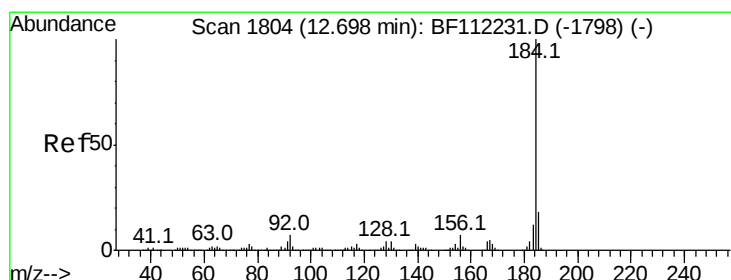
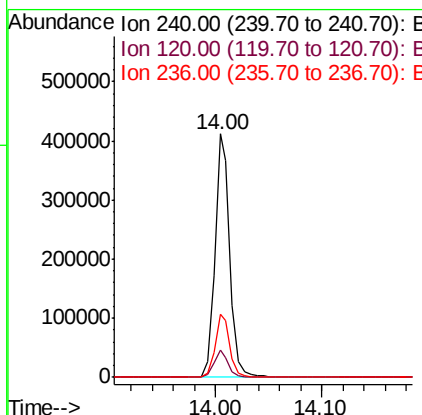
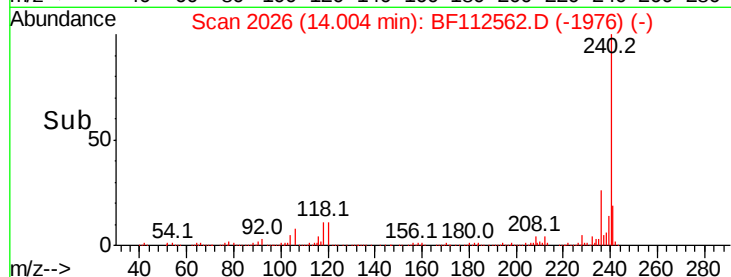
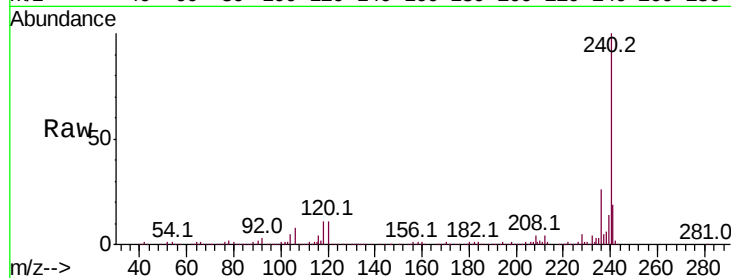
ClientSampled :

PB117100BL

Tot Ion:	240	Resp:	407617
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.0	13.6
236	25.9	20.7	31.1

Manual Integrations
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#77

Benzidine

Concen: 2.160 ng

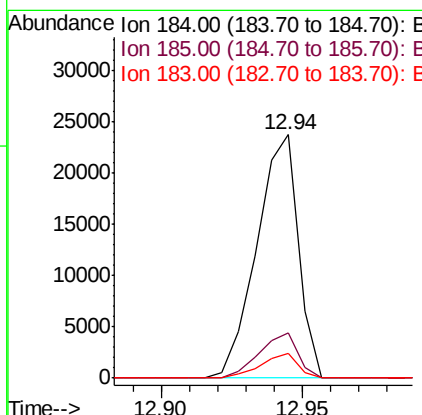
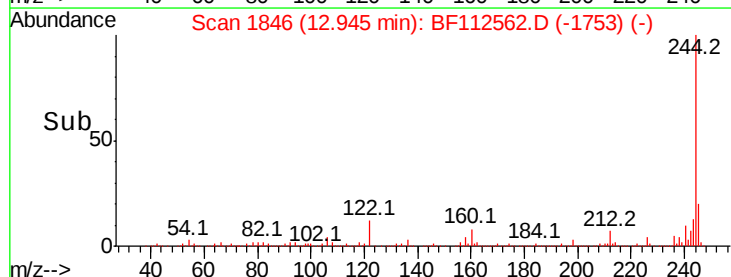
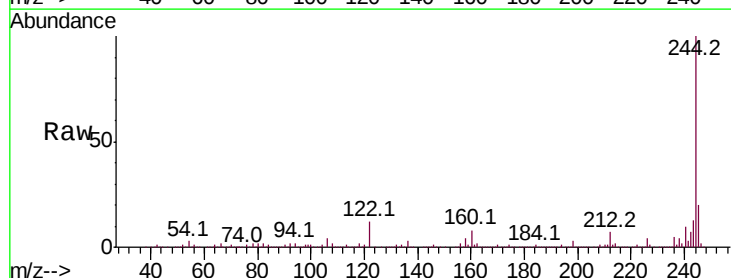
RT: 12.94 min Scan# 1846

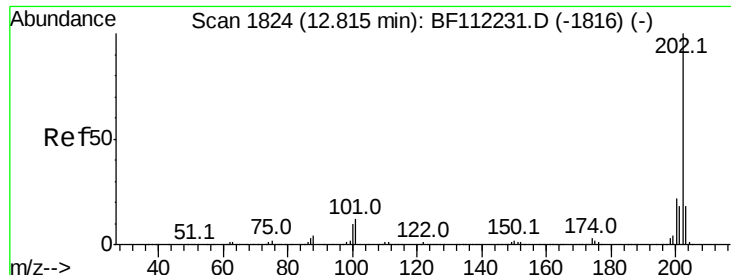
Delta R.T. 0.25 min

Lab File: BF112562.D

Acq: 14 Feb 2019 12:40

Tgt Ion:	184	Resp:	24232
Ion Ratio	Lower	Upper	
184	100		
185	18.7	13.9	20.9
183	10.4	10.0	15.0





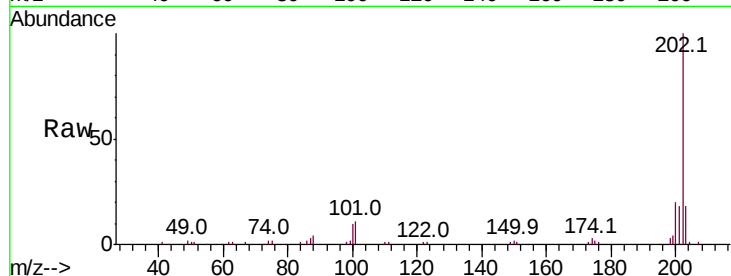
#78
Pvrene
Concen: 2.154 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.7	26.5
203	17.6	14.6	22.0

Manual Integrations
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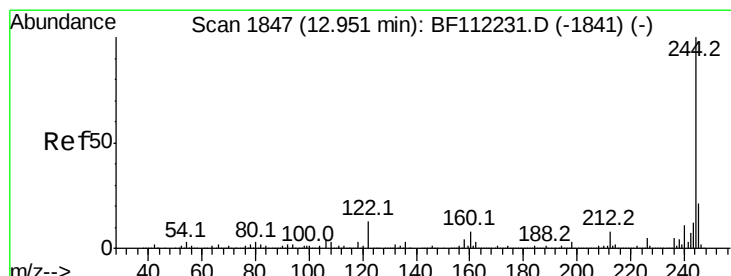
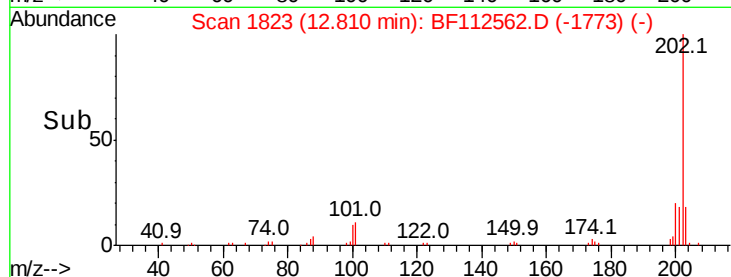
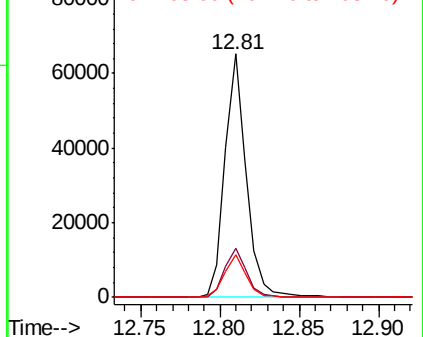


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 79.280 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

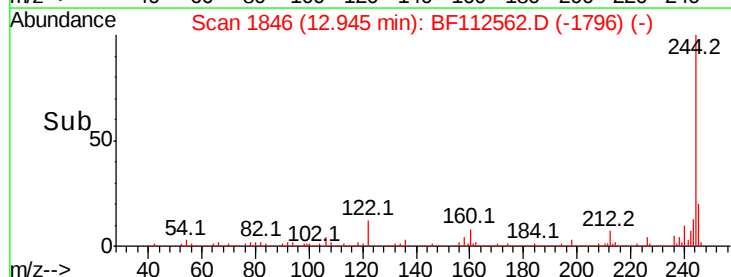
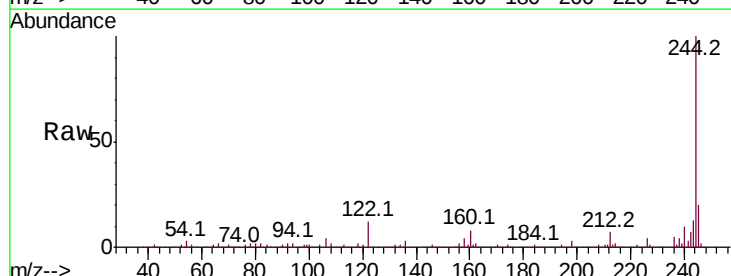
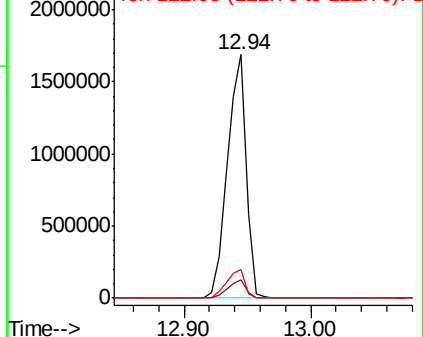
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.7	9.8	14.6

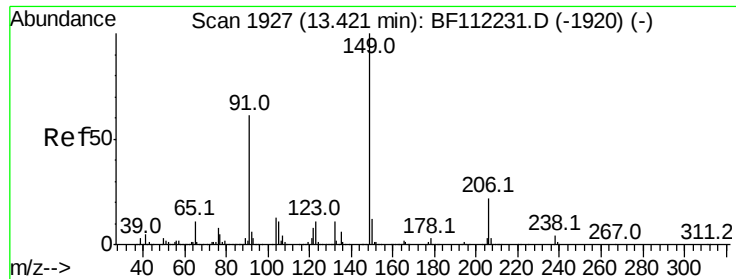
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





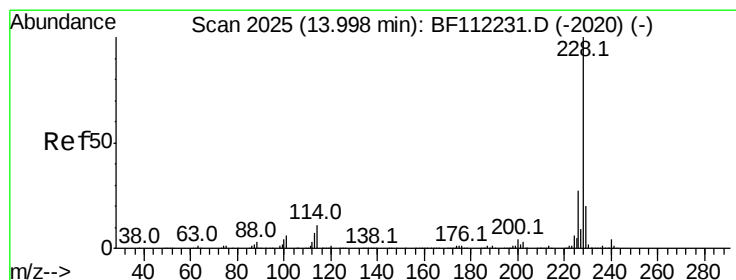
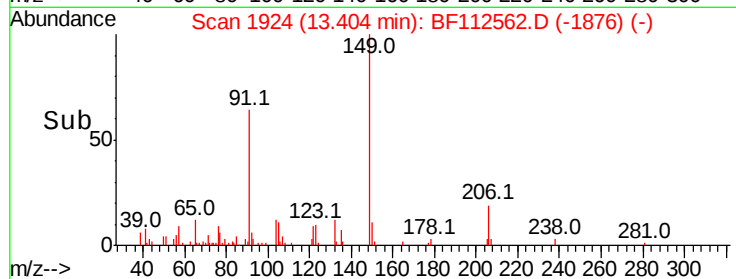
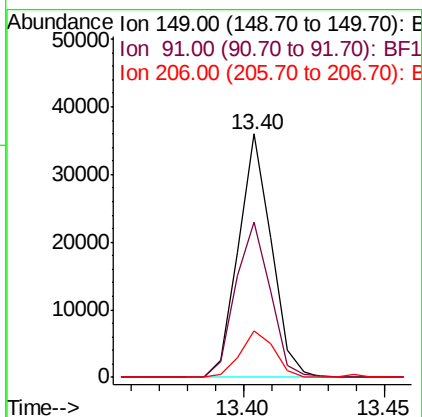
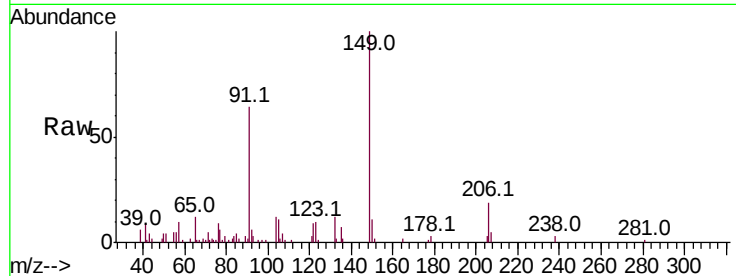
#80
Butylbenzylphthalate
Concen: 2.131 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion:	149	Resp:	29099
Ion Ratio	Lower	Upper	
149	100		
91	63.8	50.3	75.5
206	19.2	18.2	27.4

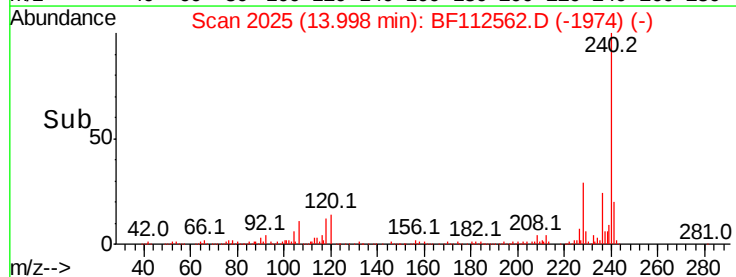
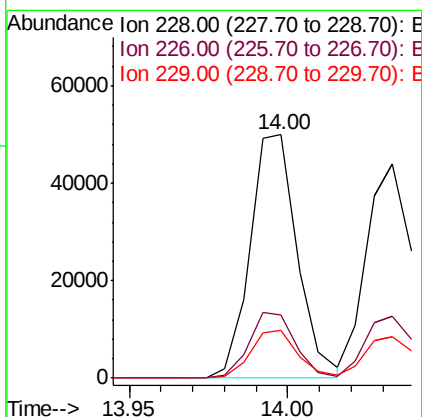
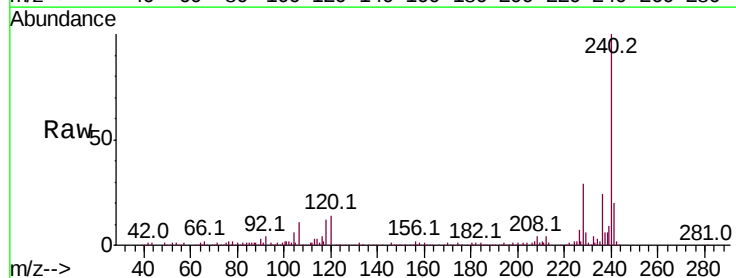
Manual Integrations
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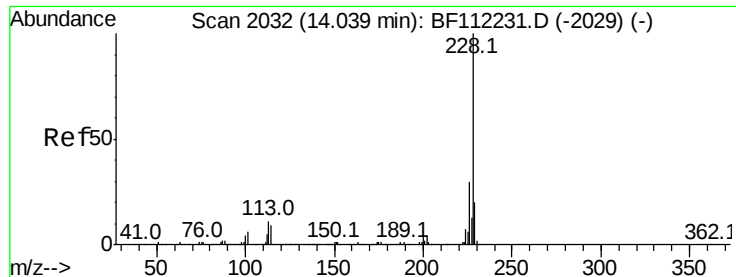
Sohil
2/15/2019 4:53:00 PM



#81
Benzo(a)anthracene
Concen: 2.159 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion:	228	Resp:	51743
Ion Ratio	Lower	Upper	
228	100		
226	25.8	22.6	34.0
229	19.8	16.5	24.7





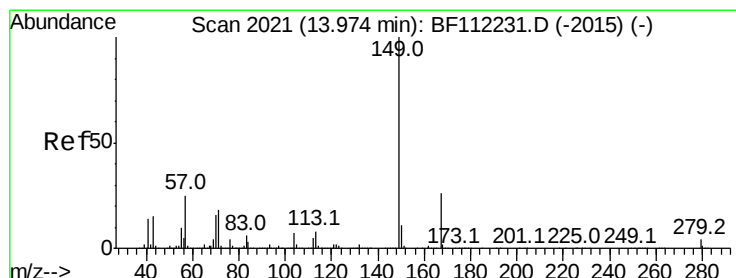
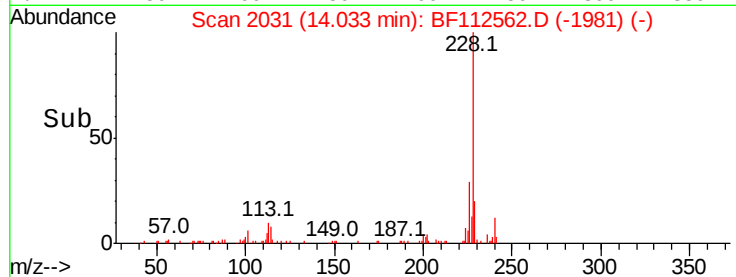
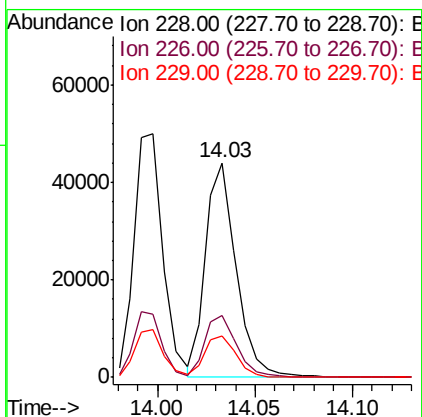
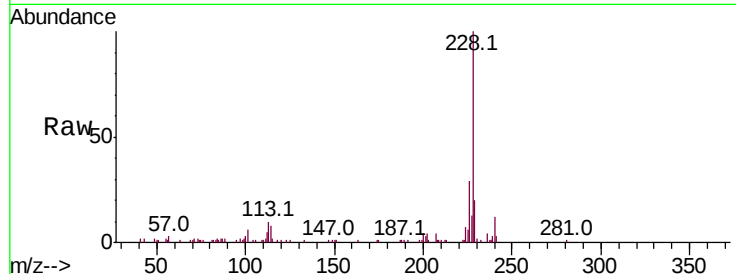
#83
Chrysene
Concen: 2.111 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	19.6	16.6	24.8

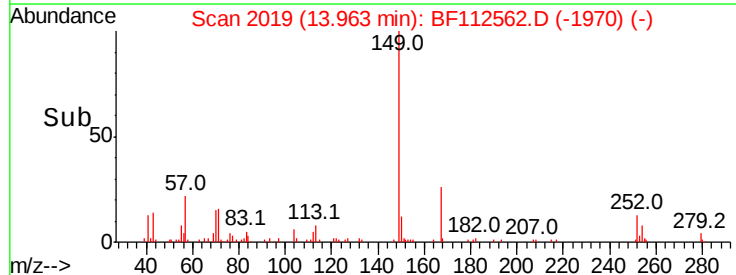
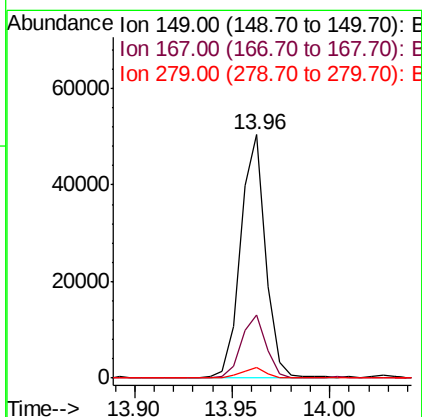
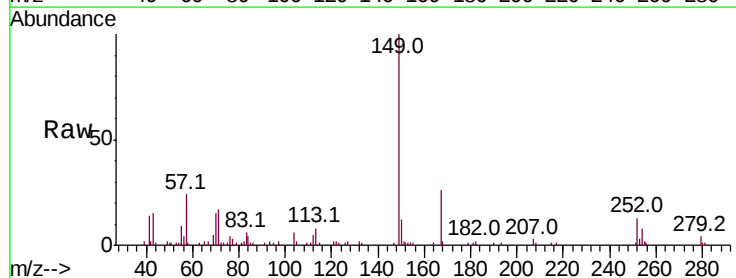
Manual Integrations
APPROVED

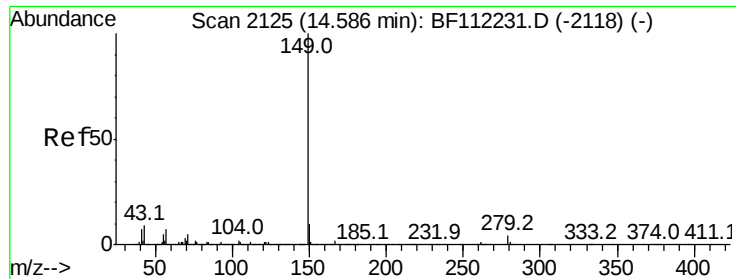
Sohil
2/15/2019 4:53:00 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.312 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.5	33.7
279	4.5	3.8	5.6





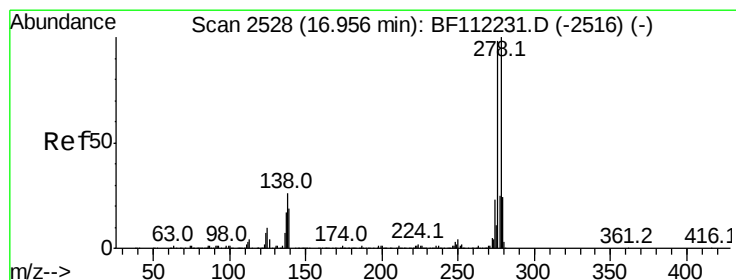
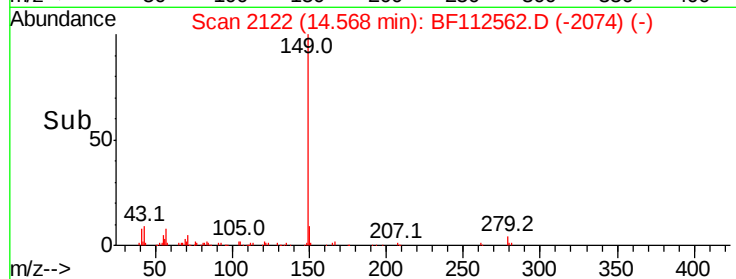
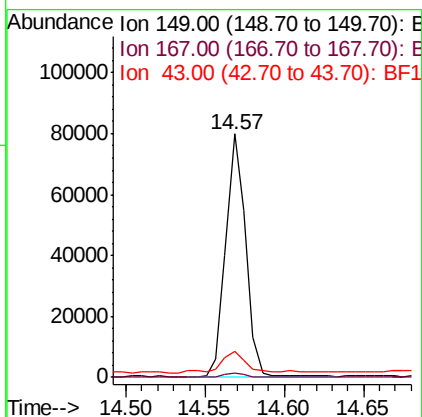
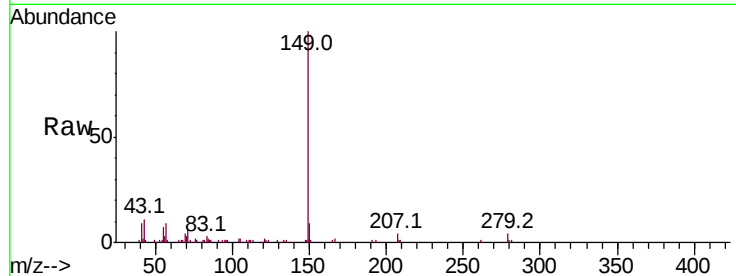
#85
Di-n-octyl phthalate
Concen: 2.365 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampled :
PB117100BL

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.9	7.8	11.6

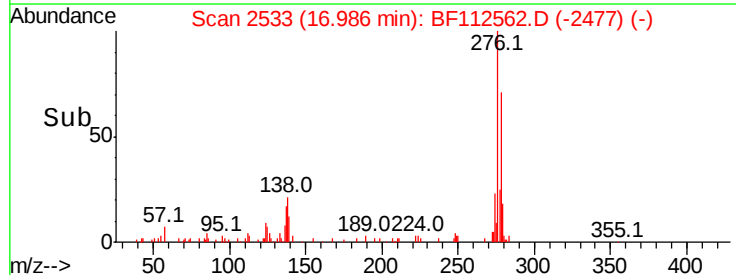
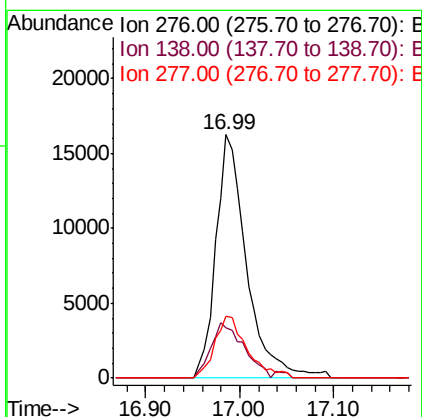
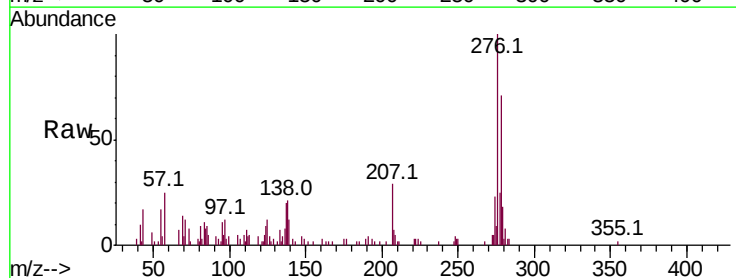
Manual Integrations
APPROVED

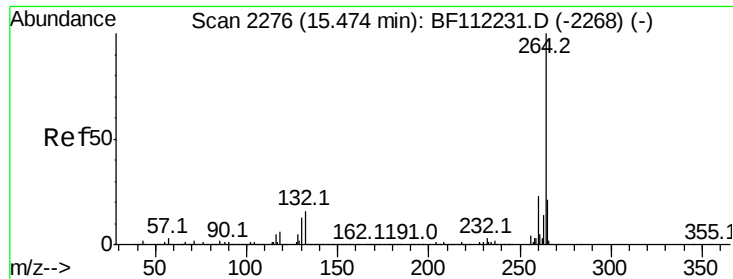
Sohil
2/15/2019 4:53:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.051 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.2	22.6	34.0
277	26.8	20.3	30.5





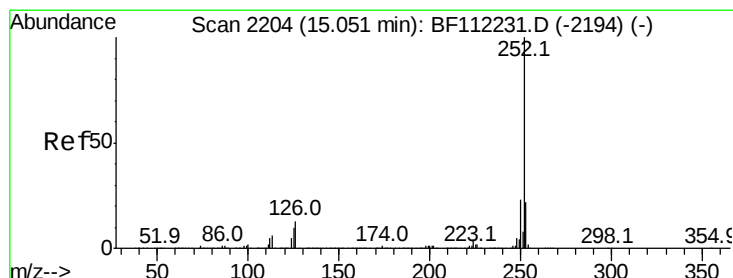
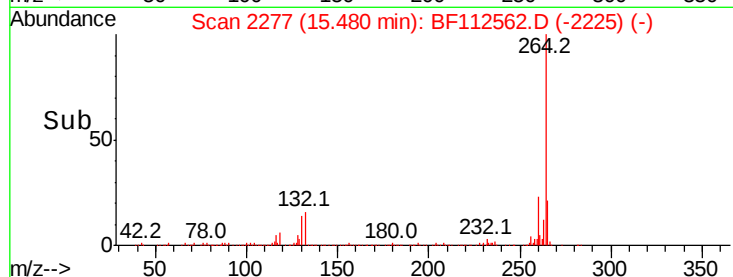
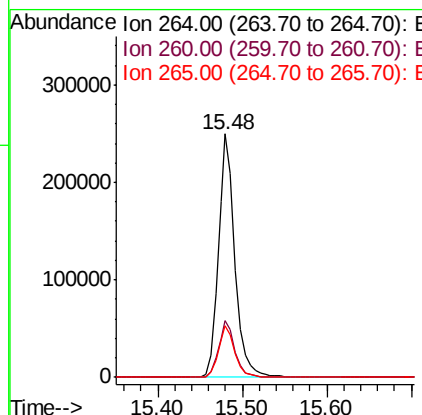
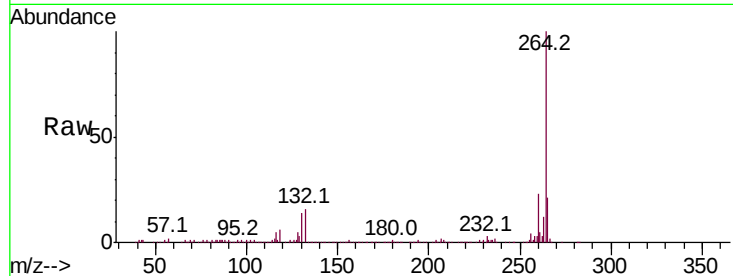
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.2
265	21.3	17.0	25.4

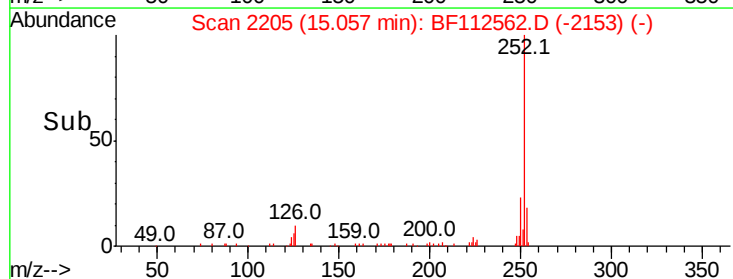
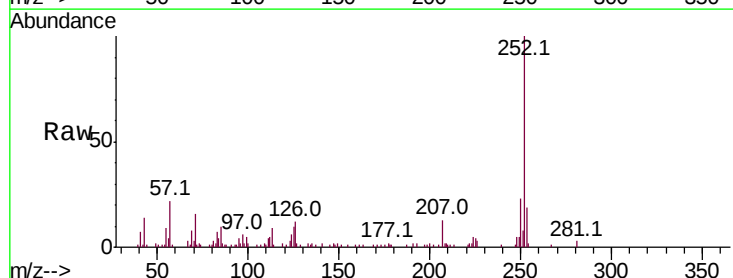
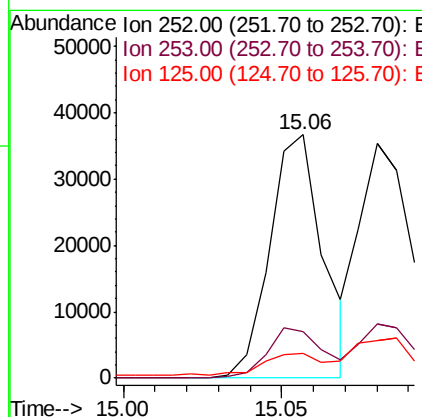
Manual Integrations
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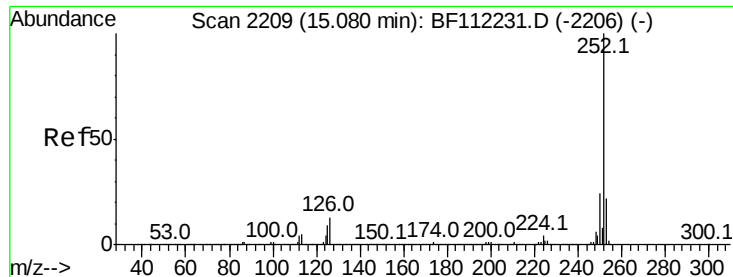
Sohil
2/15/2019 4:53:00 PM



#88
Benzo(b)fluoranthene
Concen: 2.096 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.1	18.0	27.0
125	10.2	8.7	13.1





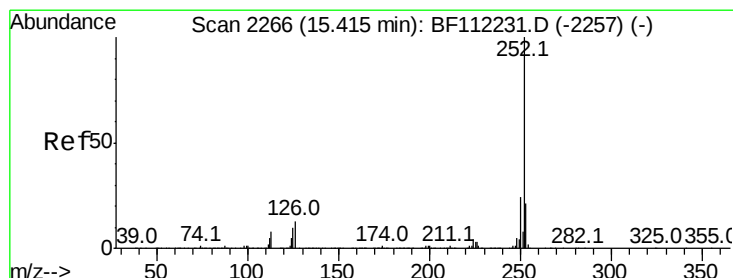
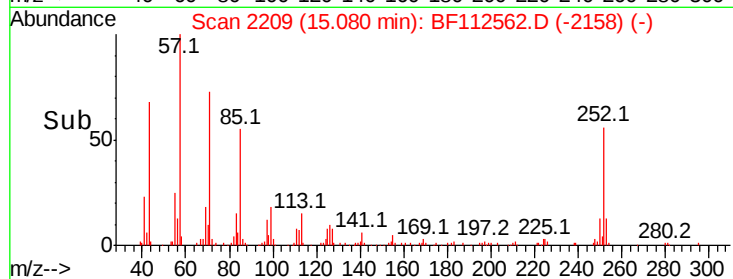
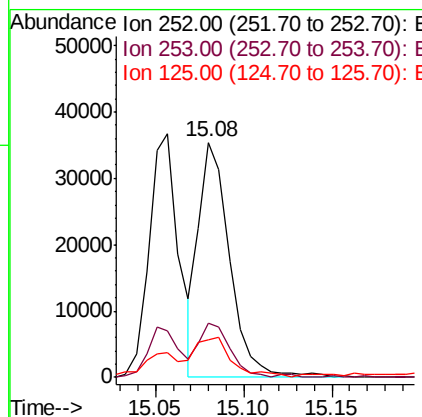
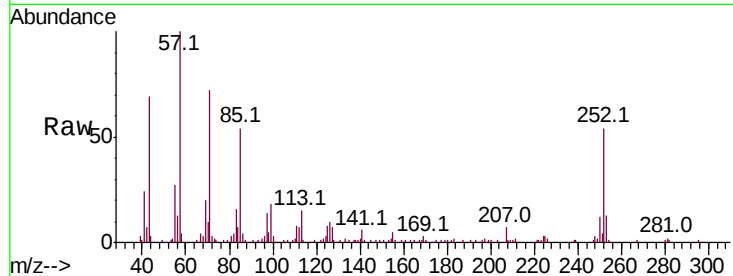
#89
Benzo(k)fluoranthene
Concen: 2.211 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampled :
PB117100BL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	15.8	9.1	13.7

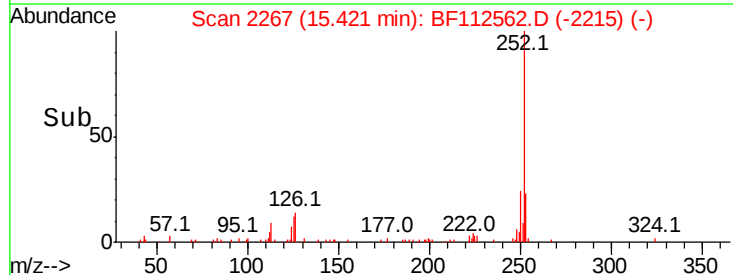
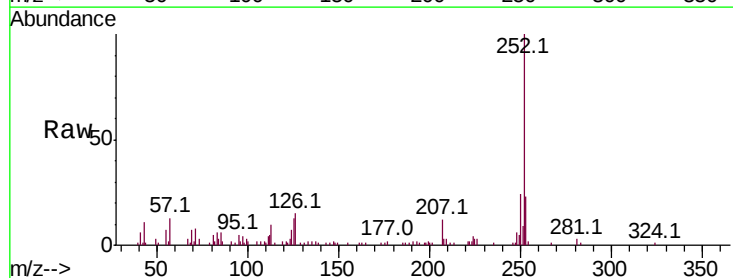
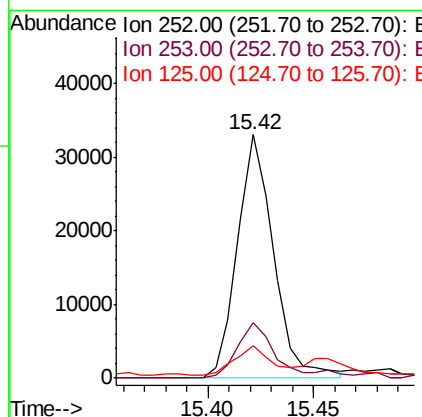
Manual Integrations
APPROVED

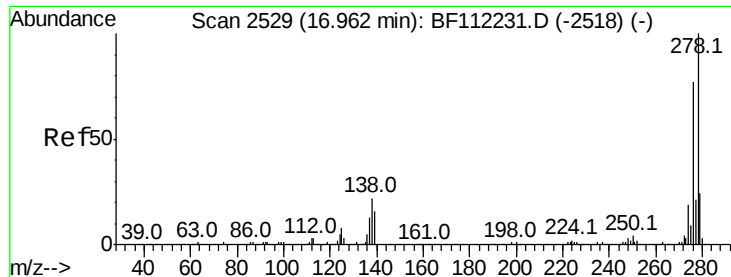
Sohil
2/15/2019 4:53:00 PM



#90
Benzo(a)pyrene
Concen: 2.130 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.01 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.3	9.0	13.4





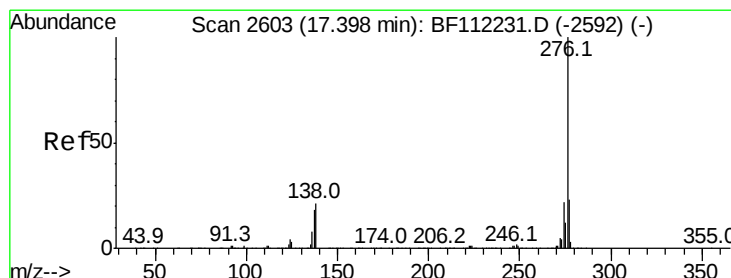
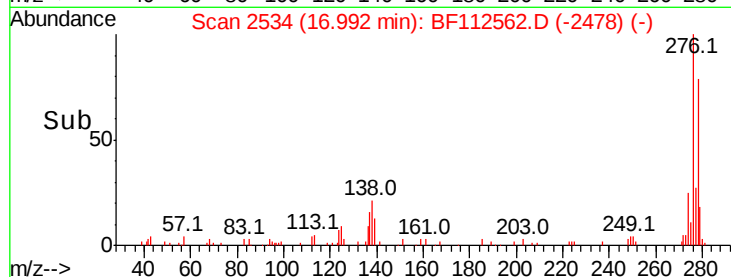
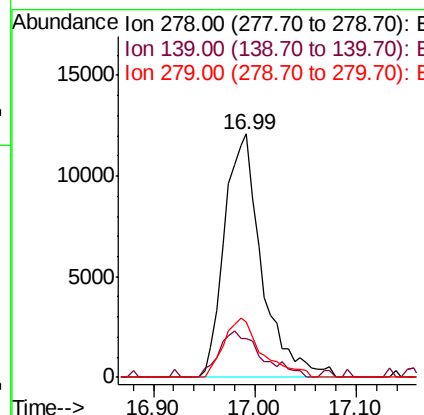
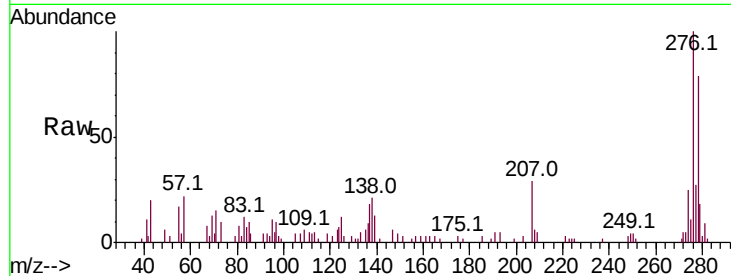
#91
Dibenzo(a,h)anthracene
Concen: 2.093 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.03 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB117100BL

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.7	20.5
279	22.9	19.0	28.6

Manual Integrations
APPROVED

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2/15/2019 4:53:00 PM



#92
Benzo(g,h,i)perylene
Concen: 2.124 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.05 min
Lab File: BF112562.D
Acq: 14 Feb 2019 12:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.4	29.0
138	17.6	19.1	28.7#

