Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116033.D
Acq On : 7 Aug 2019 00:15
Operator : HP/JU
Sample : K4130-26
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-F1-F4-COMP-(30)

Quant Time: Aug 07 06:04:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	123191	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	465155	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241269	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	413626	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	307949	20.00	ng	-0.03
87) Perylene-d12	15.46	264	370647	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	867056	117.83	ng	0.00
7) Phenol-d6	6.48	99	1012769	109.08	ng	0.00
23) Nitrobenzene-d5	7.40	82	808398	100.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	322611	137.92	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1376337	106.85	ng	-0.02
79) Terphenyl-d14	12.95	244	1416114	96.90	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.31	42	237	0.058	ng	# 1
6) Aniline	6.62	93	1154	0.087	ng	# 1
8) 2-Chlorophenol	6.63	128	223	0.027	ng	# 1
9) Benzaldehyde	6.48	77	1326	0.207	ng	# 1
10) Phenol	6.49	94	1736	0.159	ng	# 1
11) bis(2-Chloroethyl)ether	6.62	93	1154	0.144	ng	# 1
15) Benzyl Alcohol	7.00	79	13297	1.887	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.10	45	107	0.010	ng	65
18) Hexachloroethane	7.41	117	107	0.031	ng	# 1
22) Acetophenone	7.27	105	531	0.052	ng	# 52
24) Nitrobenzene	7.40	77	2328	0.268	ng	# 37
31) Naphthalene	8.15	128	27829	1.271	ng	99
33) 4-Chloroaniline	8.15	127	3263	0.334	ng	# 31
37) 2-Methylnaphthalene	8.85	142	4155	0.288	ng	93
38) 1-Methylnaphthalene	8.94	142	2410	0.177	ng	# 84
46) 1,1'-Biphenyl	9.30	154	3298	0.194	ng	92
48) 2-Nitroaniline	9.20	65	2315	0.494	ng	# 1
49) Acenaphthylene	9.74	152	122	0.006	ng	# 59
50) Dimethylphthalate	9.59	163	7384	0.449	ng	# 93
52) Acenaphthene	9.91	154	1760	0.139	ng	91
55) Dibenzofuran	10.09	168	1639	0.089	ng	# 89
56) 4-Nitrophenol	10.09	139	461	0.163	ng	# 8
58) Fluorene	10.43	166	1494	0.105	ng	# 96
60) Diethylphthalate	10.29	149	926	0.060	ng	# 58
63) Azobenzene	10.66	77	1478	0.094	ng	# 10
65) 4,6-Dinitro-2-methylphenol	10.66	198	655	0.299	ng	# 1
66) n-Nitrosodiphenylamine	10.66	169	9645	0.775	ng	# 47
71) Phenanthrene	11.39	178	3844	0.182	ng	98
72) Anthracene	11.39	178	3844	0.180	ng	98
74) Di-n-butylphthalate	11.92	149	4334	0.191	ng	# 92
75) Fluoranthene	12.58	202	609	0.028	ng	64
77) Benzidine	12.95	184	19261	1.851	ng	97
78) Pyrene	12.81	202	504	0.022	ng	# 31
80) Butylbenzylphthalate	13.42	149	240	0.024	ng	# 70

Quantitation Report (QT Reviewed)

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Data File : BF116033.D
Acq On : 7 Aug 2019 00:15
Operator : HP/JU
Sample : K4130-26
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1S-F1-F4-COMP-(30)

Quant Time: Aug 07 06:04:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) Benzo(a)anthracene	14.00	228	908	0.046	ng	#	51
83) Chrysene	14.00	228	908	0.048	ng	#	48
84) Bis(2-ethylhexyl)phthalate	13.97	149	1559	0.122	ng	#	97
85) Di-n-octyl phthalate	14.57	149	677	0.033	ng	#	7
90) Benzo(a)pyrene	15.46	252	1274	0.066	ng	#	24

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
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Quant Time: Aug 07 06:04:20 2019
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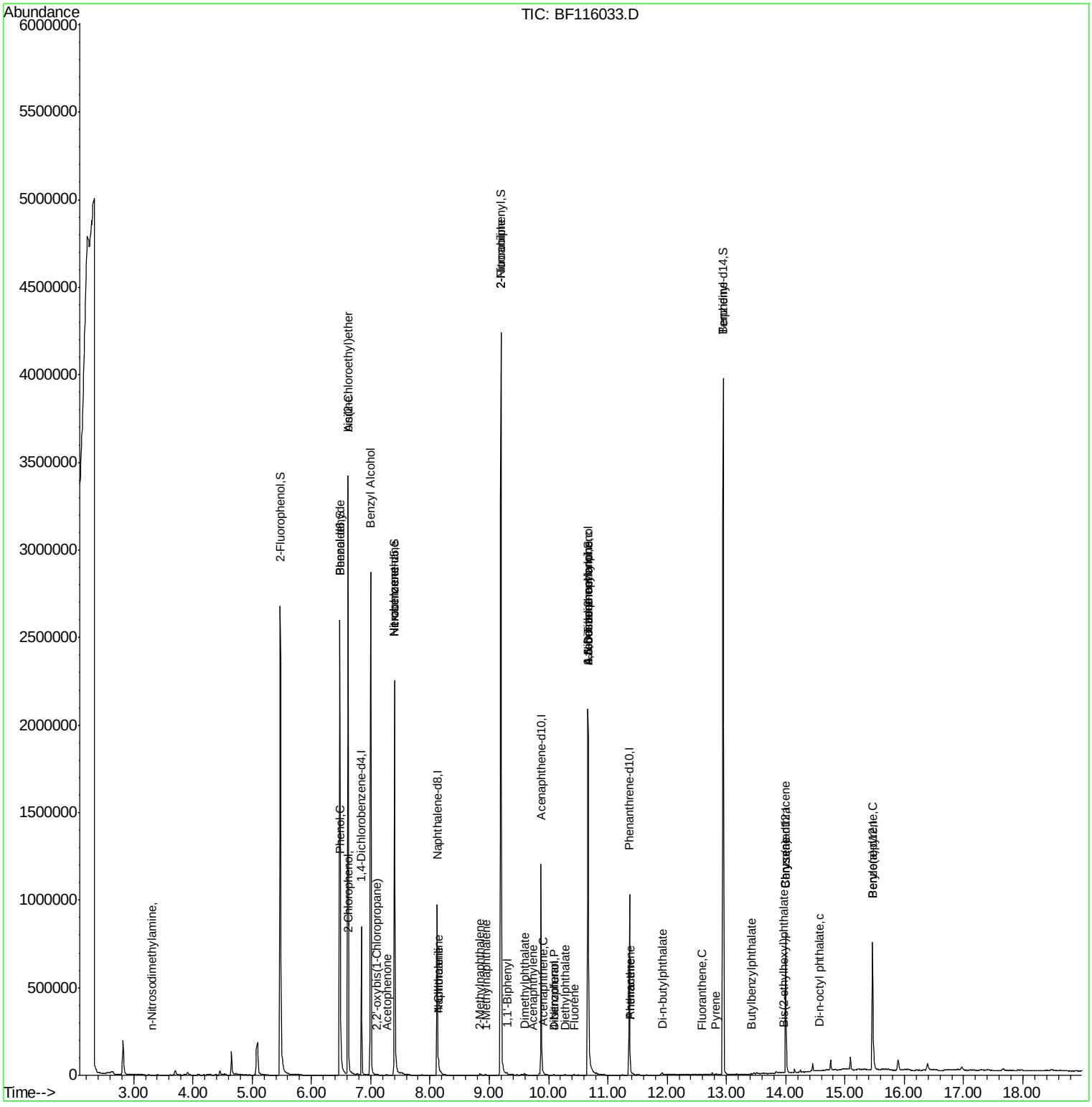
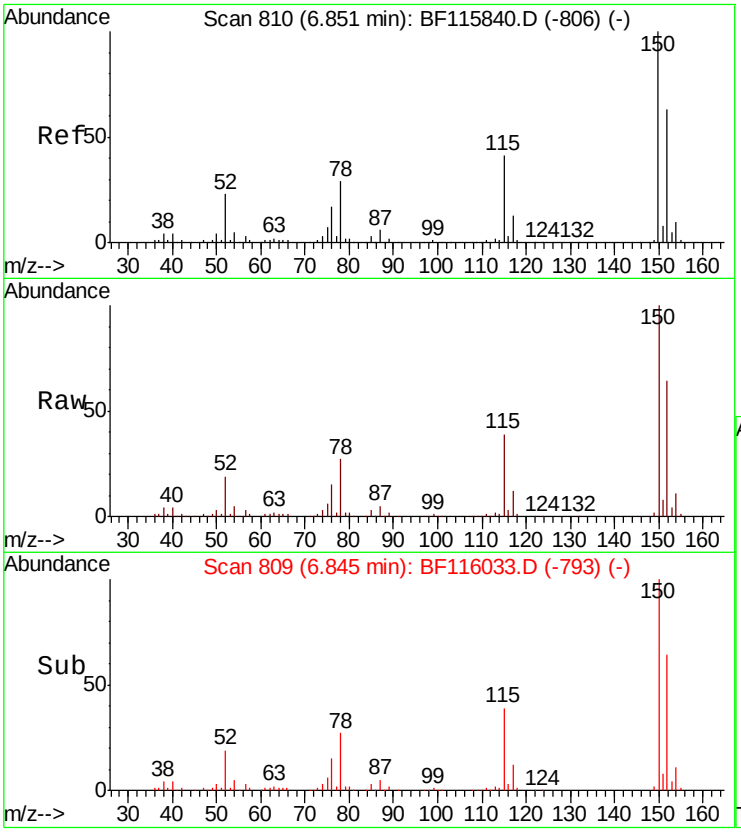
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration



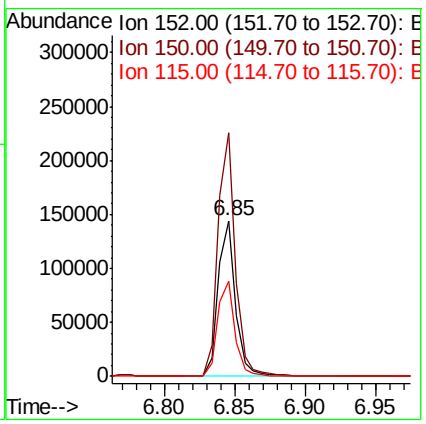


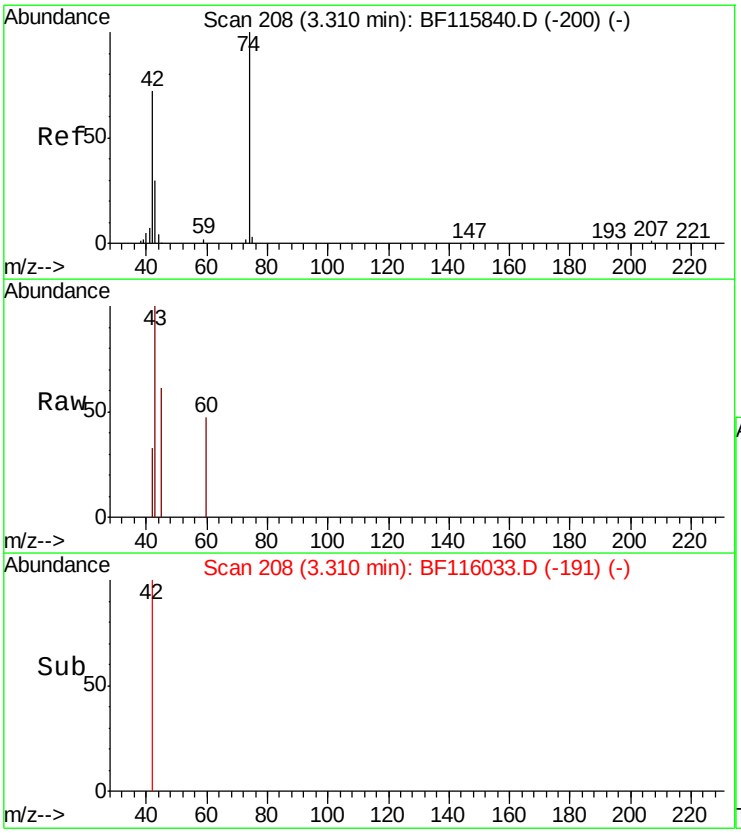
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:152 Resp: 123191

Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	61.2	51.8	77.8

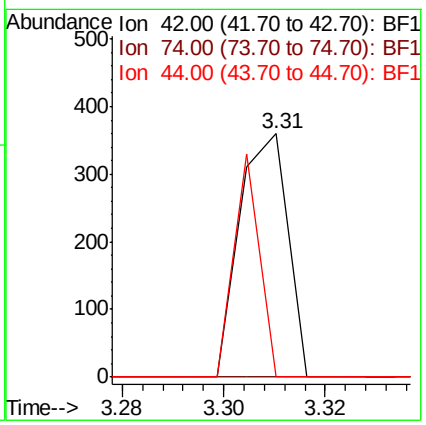


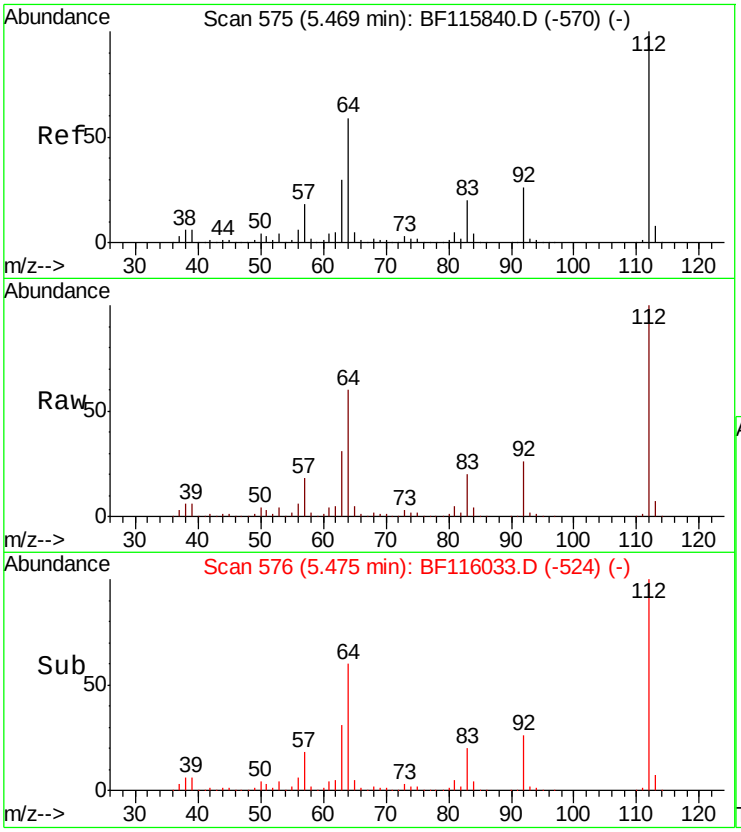


#4
n-Nitrosodimethylamine
Concen: 0.058 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.00 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion: 42 Resp: 237

Ion	Ratio	Lower	Upper
42	100		
74	0.0	111.0	166.4#
44	0.0	4.7	7.1#



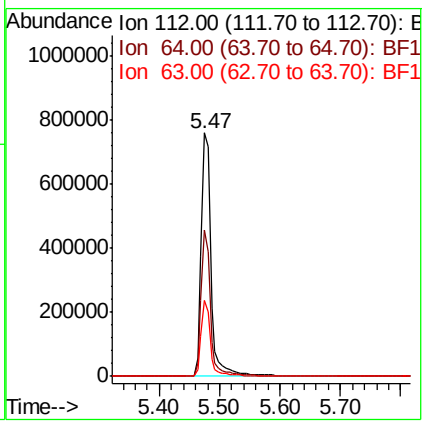


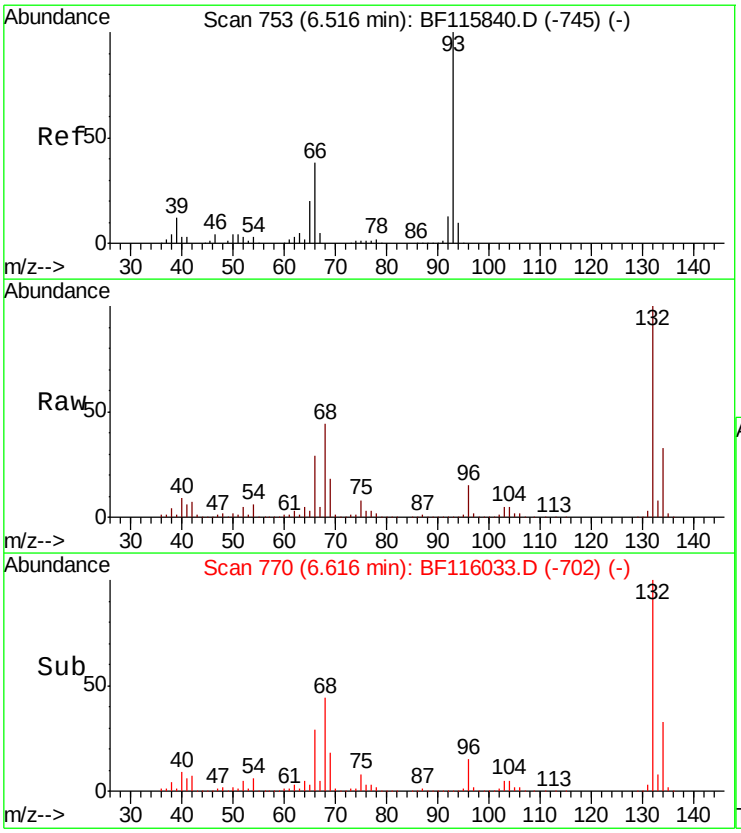
#5
2-Fluorophenol
Concen: 117.826 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:112 Resp: 867056

Ion	Ratio	Lower	Upper
112	100		
64	60.0	46.8	70.2
63	31.4	24.2	36.2

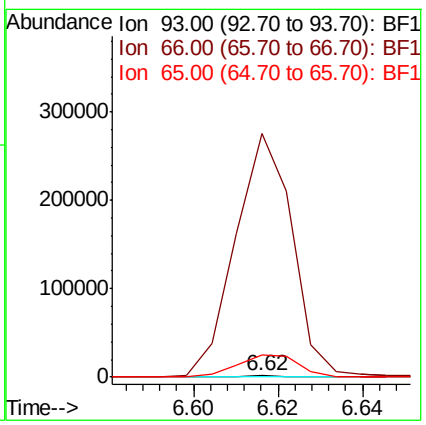


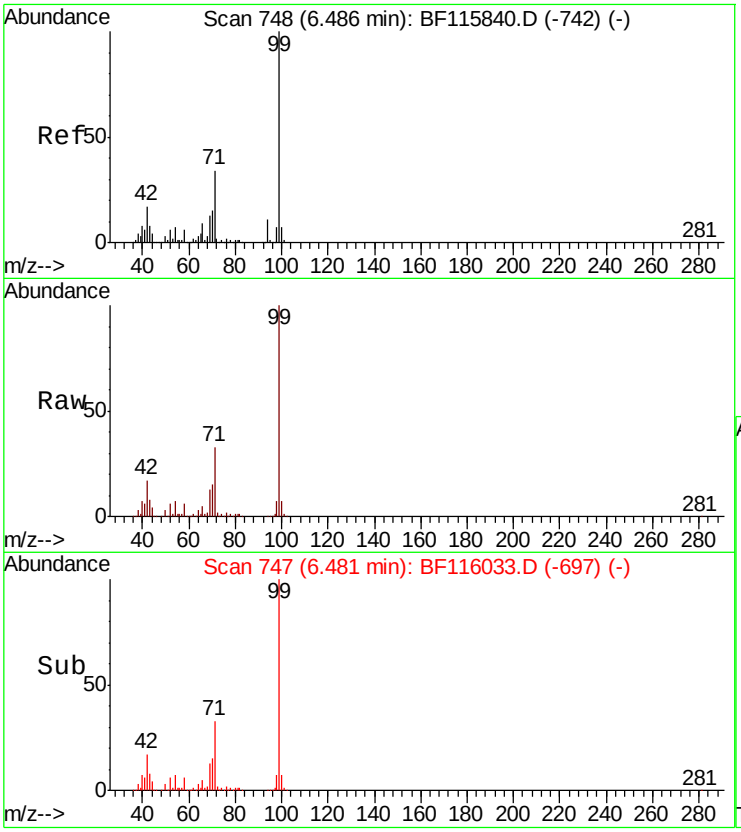


#6
Aniline
Concen: 0.087 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.10 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion: 93 Resp: 1154

Ion	Ratio	Lower	Upper
93	100		
66	20856.9	31.4	47.0#
65	1870.7	16.5	24.7#



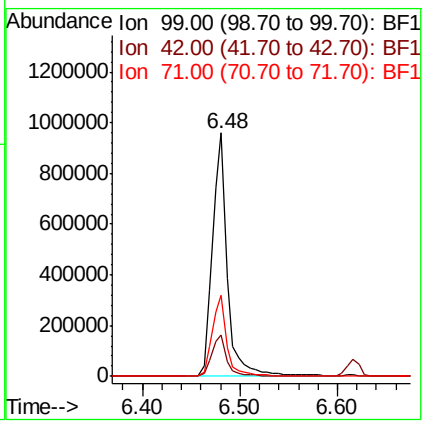


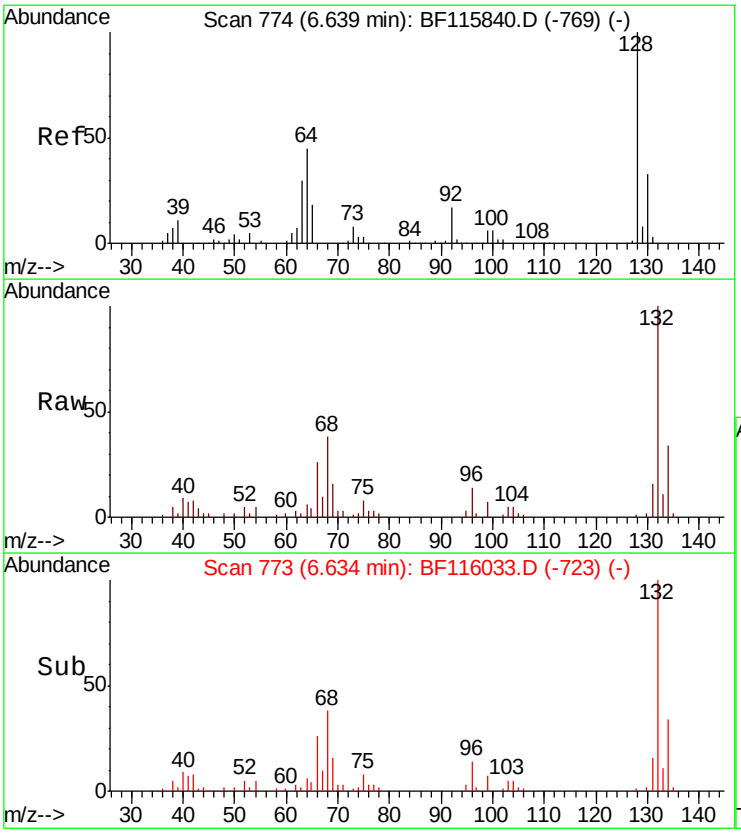
#7
Phenol-d6
Concen: 109.082 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 99 Resp: 1012769

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	33.3	27.1	40.7

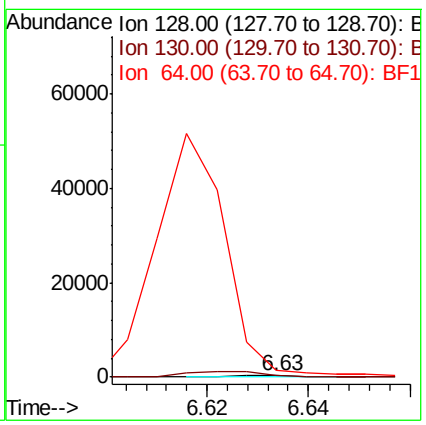


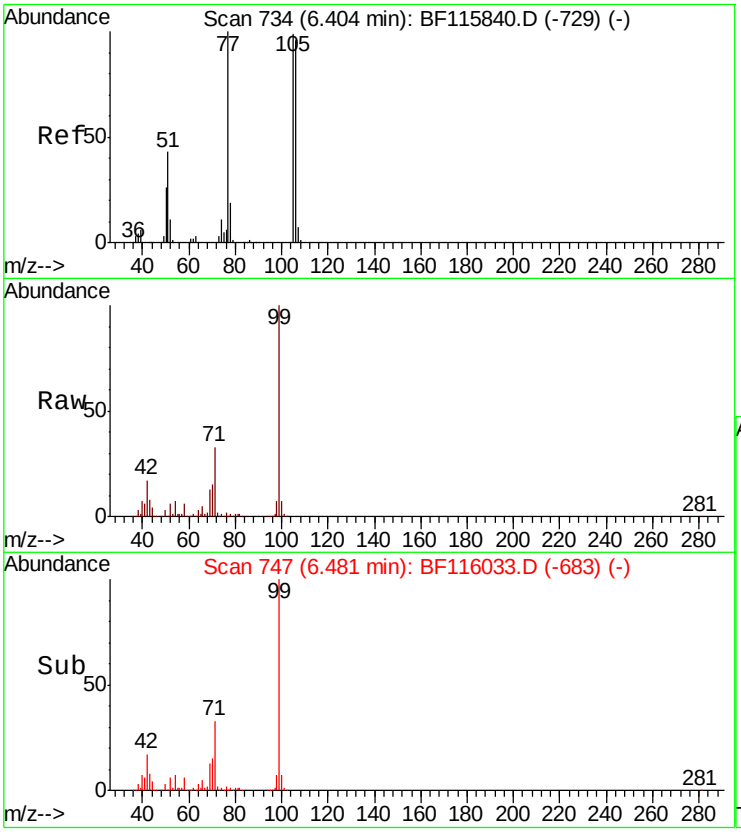


#8
2-Chlorophenol
Concen: 0.027 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:128 Resp: 223

Ion	Ratio	Lower	Upper
128	100		
130	126.7	12.9	52.9#
64	464.6	26.1	66.1#



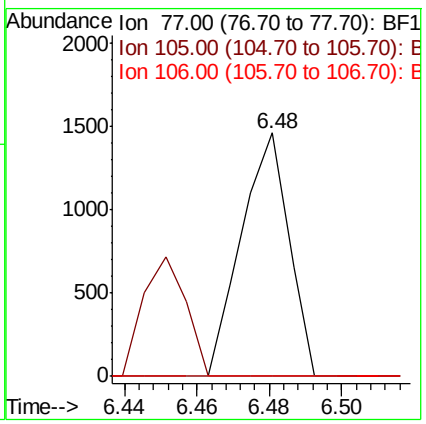


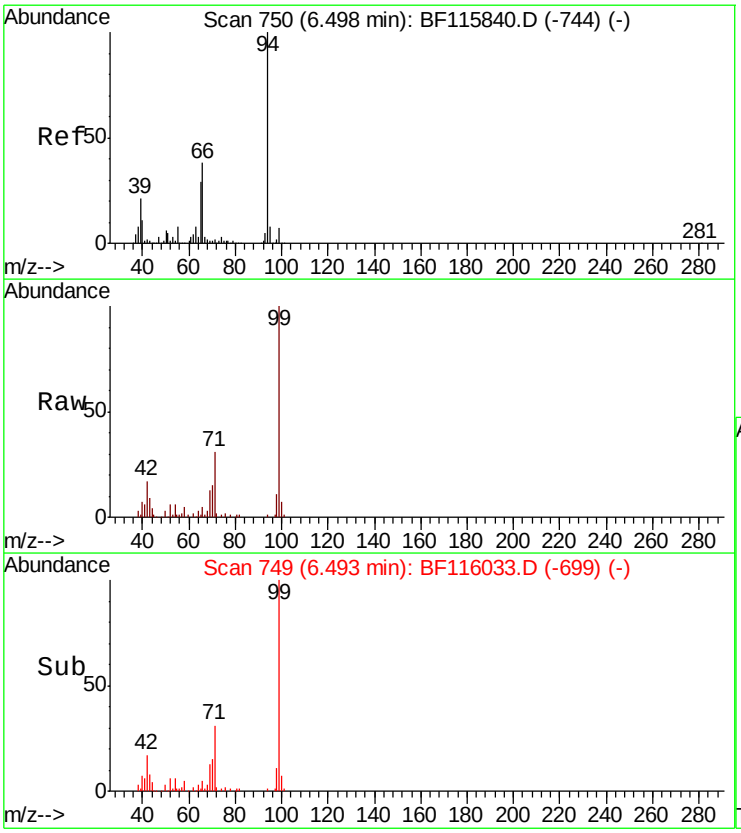
#9
Benzaldehyde
Concen: 0.207 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.08 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 77 Resp: 1326

Ion	Ratio	Lower	Upper
77	100		
105	0.0	79.0	119.0#
106	0.0	76.2	116.2#

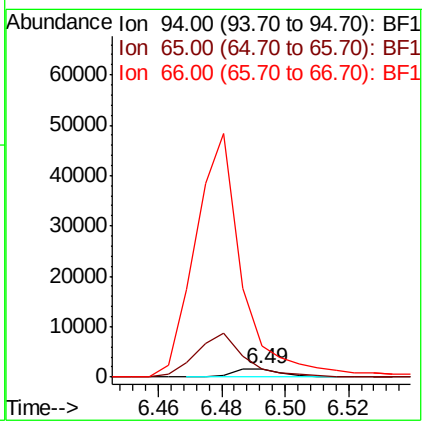


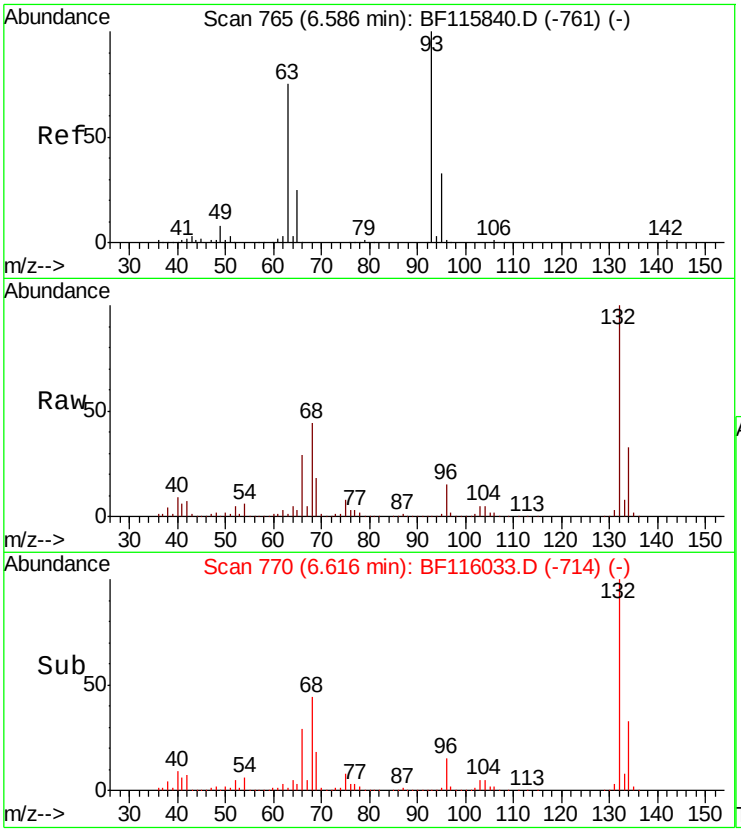


#10
Phenol
Concen: 0.159 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion: 94 Resp: 1736

Ion	Ratio	Lower	Upper
94	100		
65	95.3	8.9	48.9#
66	361.3	18.0	58.0#



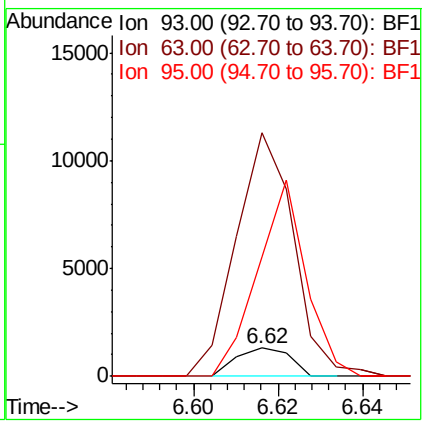


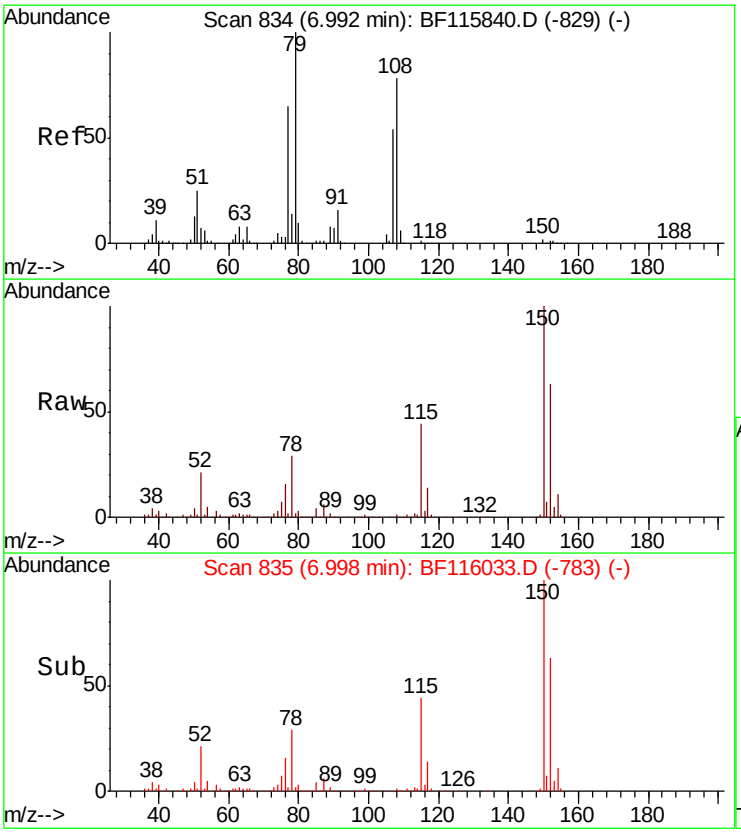
#11
bis(2-Chloroethyl)ether
Concen: 0.144 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 93 Resp: 1154

Ion	Ratio	Lower	Upper
93	100		
63	854.7	54.9	94.9#
95	418.5	13.3	53.3#

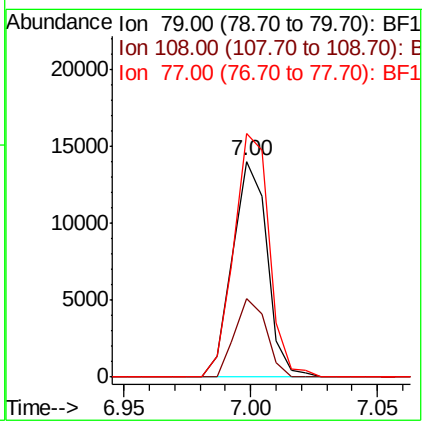


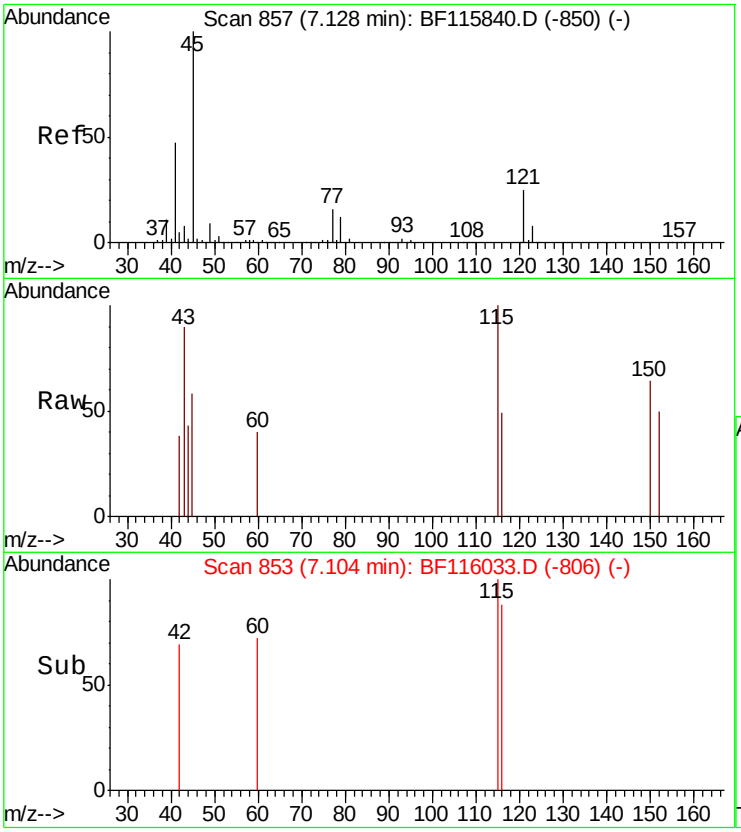


#15
Benzyl Alcohol
Concen: 1.887 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion: 79 Resp: 13297

Ion	Ratio	Lower	Upper
79	100		
108	36.5	62.8	94.2#
77	112.8	52.0	78.0#



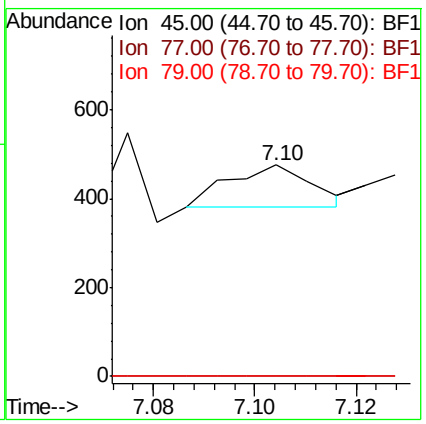


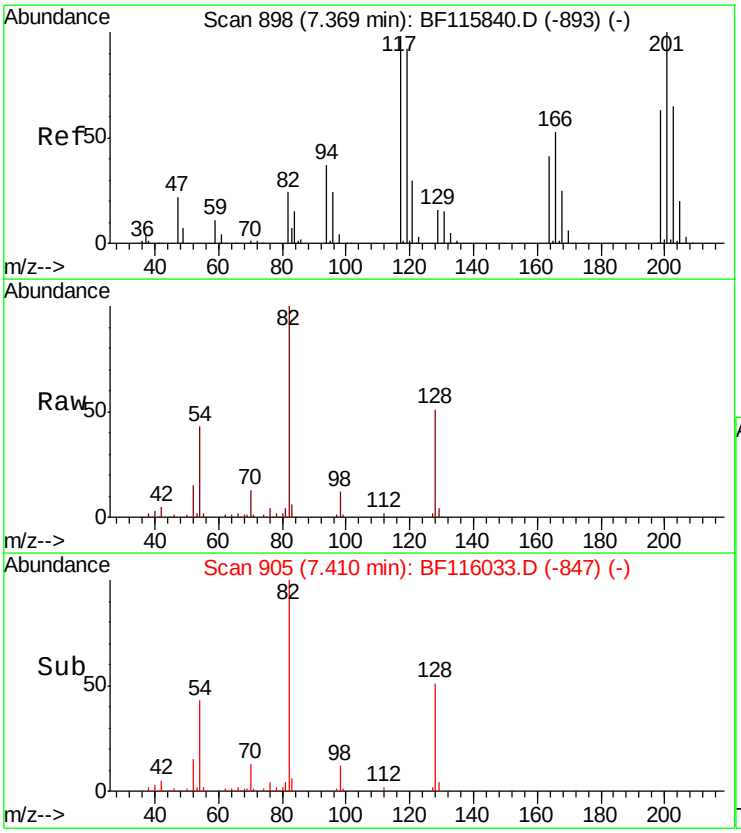
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.010 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 45 Resp: 107

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	36.3
79	0.0	0.0	32.5

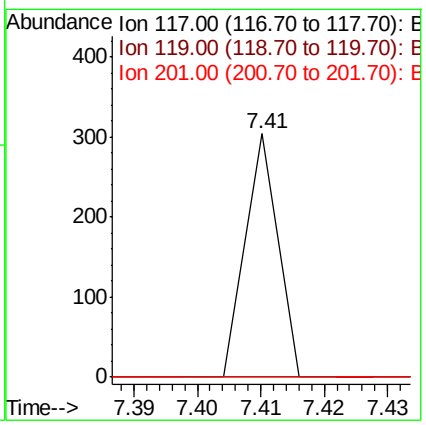


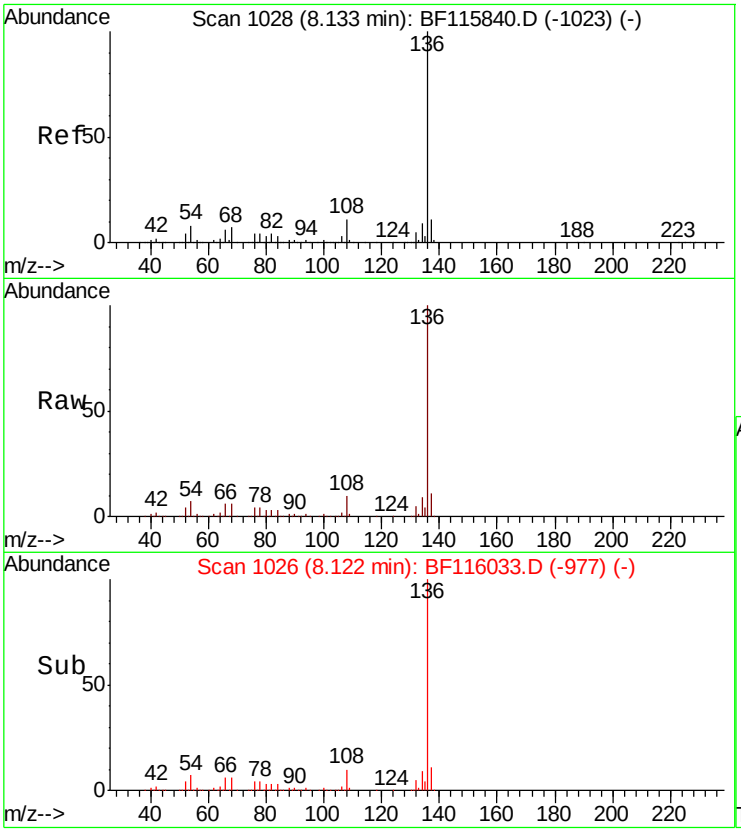


#18
Hexachloroethane
Concen: 0.031 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.04 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:117 Resp: 107

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
201	0.0	82.0	123.0#



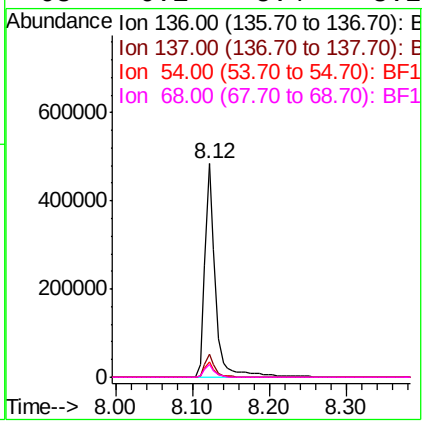


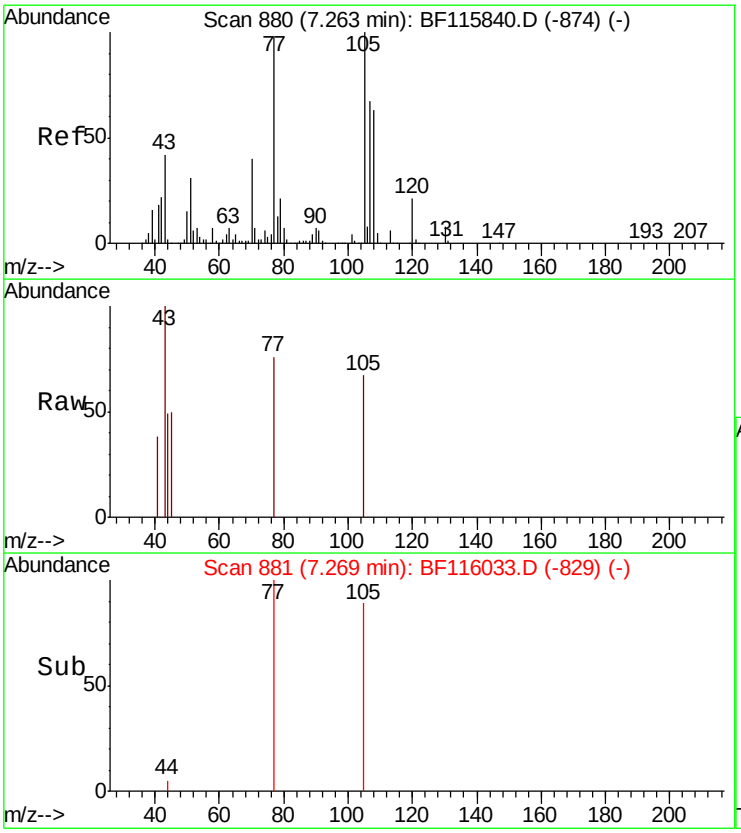
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:136 Resp: 465155

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.0	6.1	9.1
68	6.1	5.4	8.2

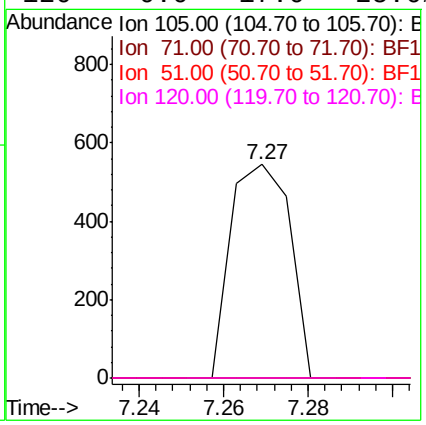


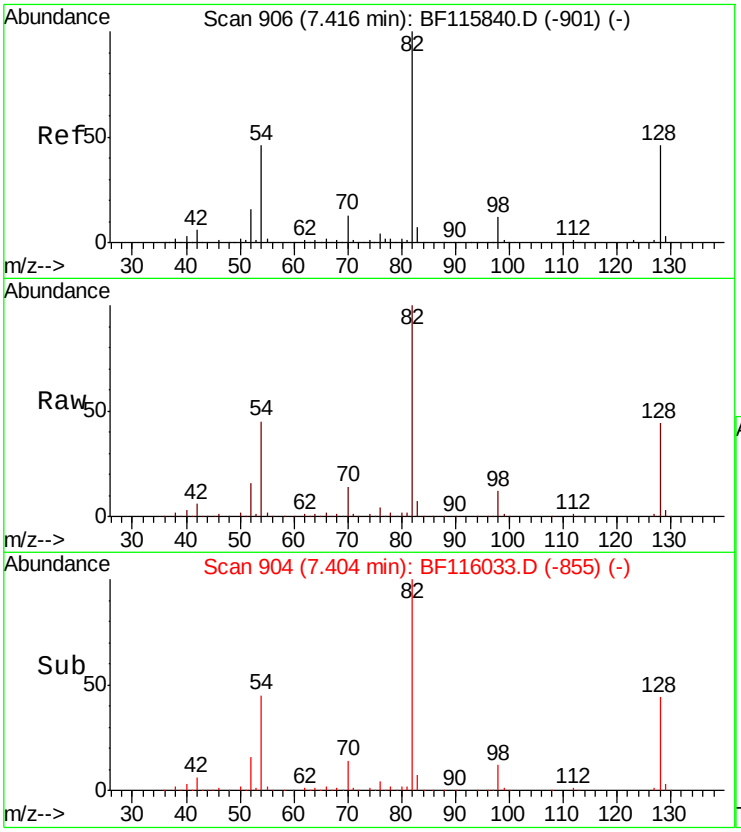


#22
Acetophenone
Concen: 0.052 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:105 Resp: 531

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.4	8.0#
51	0.0	24.6	36.8#
120	0.0	17.0	25.6#



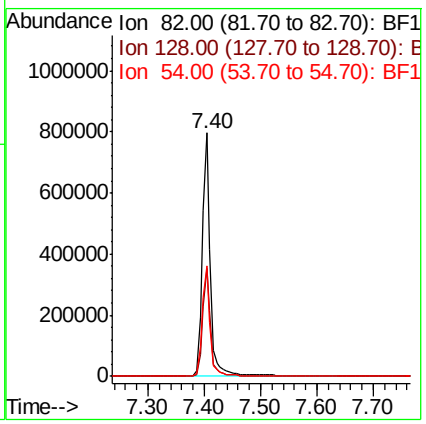


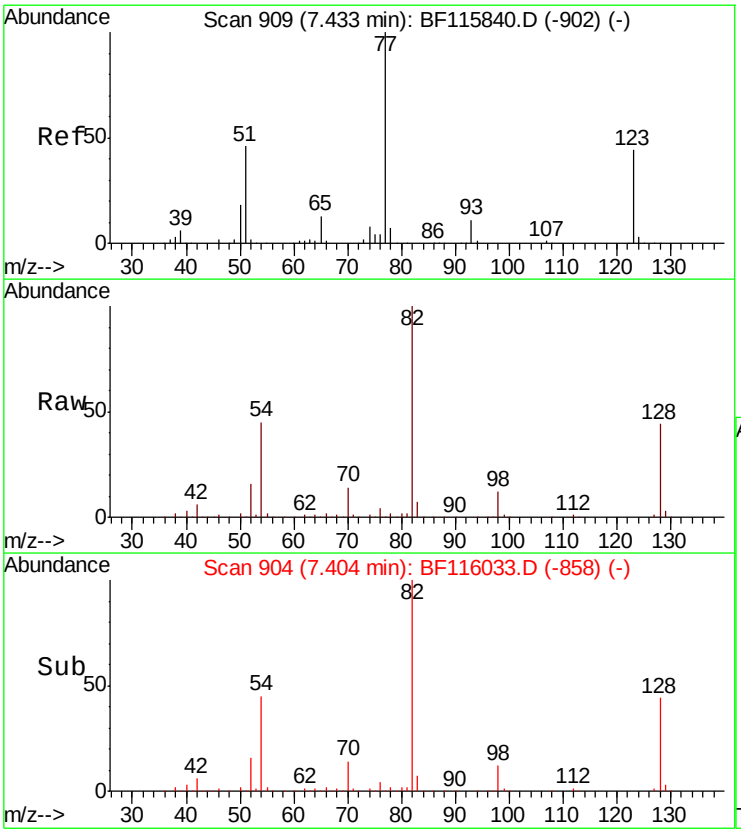
#23
Nitrobenzene-d5
Concen: 100.318 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 82 Resp: 808398

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.6	55.0
54	45.1	36.6	55.0

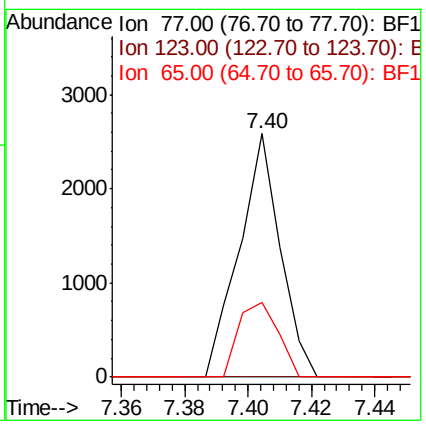


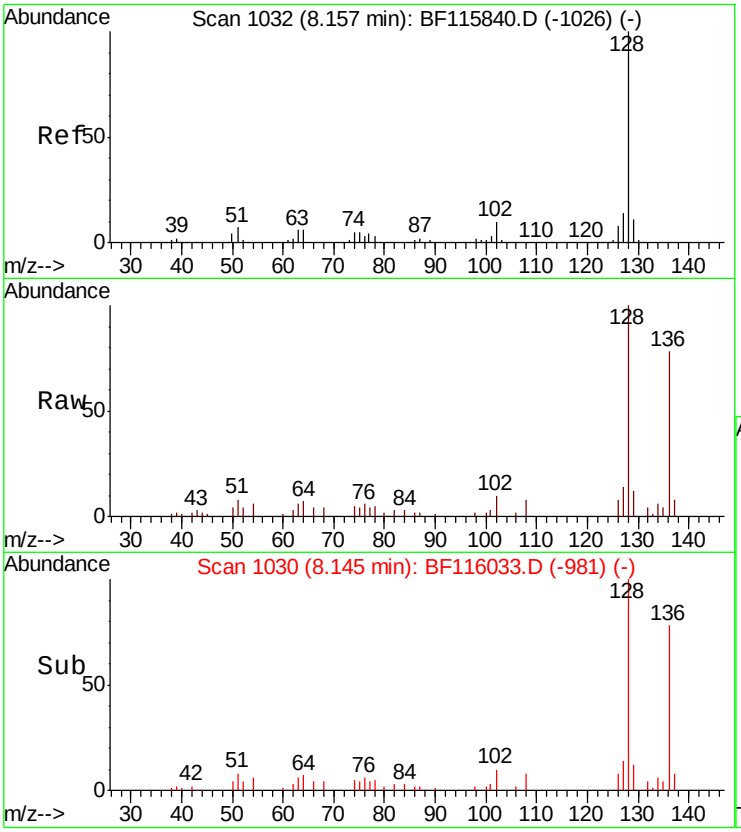


#24
Nitrobenzene
Concen: 0.268 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion: 77 Resp: 2328

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.5	53.3#
65	30.9	10.6	15.8#



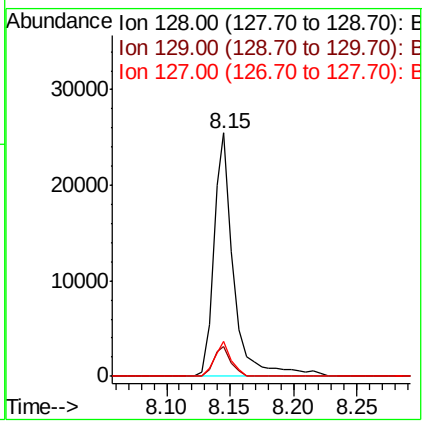


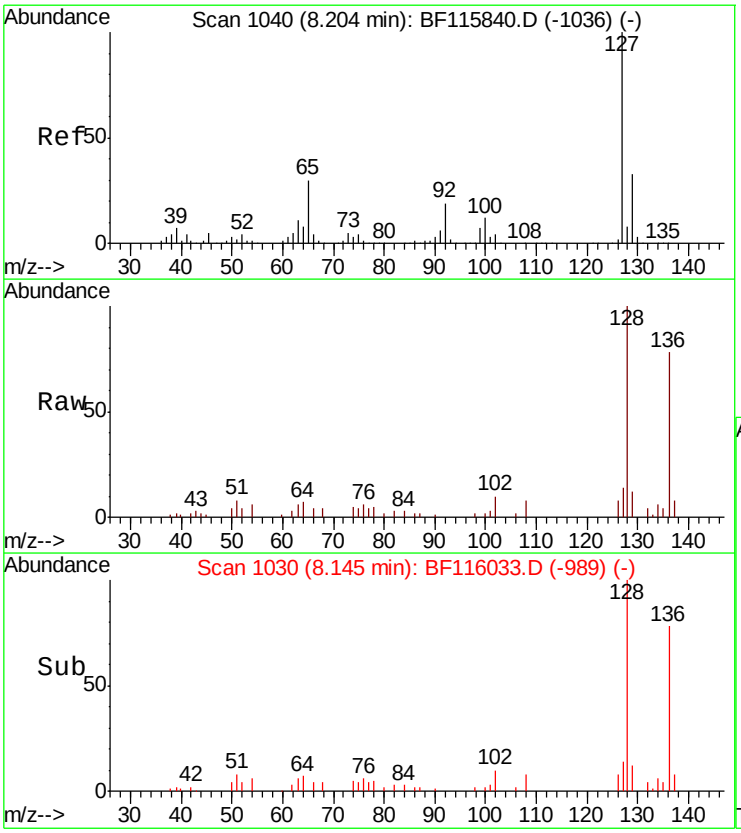
#31
Naphthalene
Concen: 1.271 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:128 Resp: 27829

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	14.1	11.0	16.4

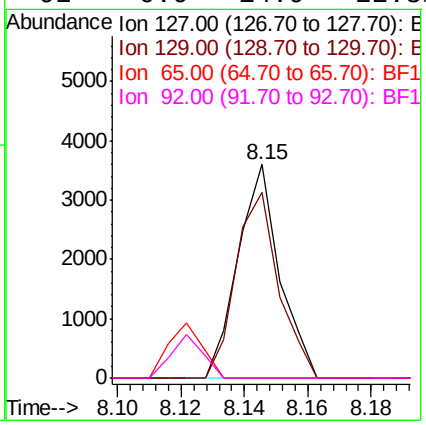


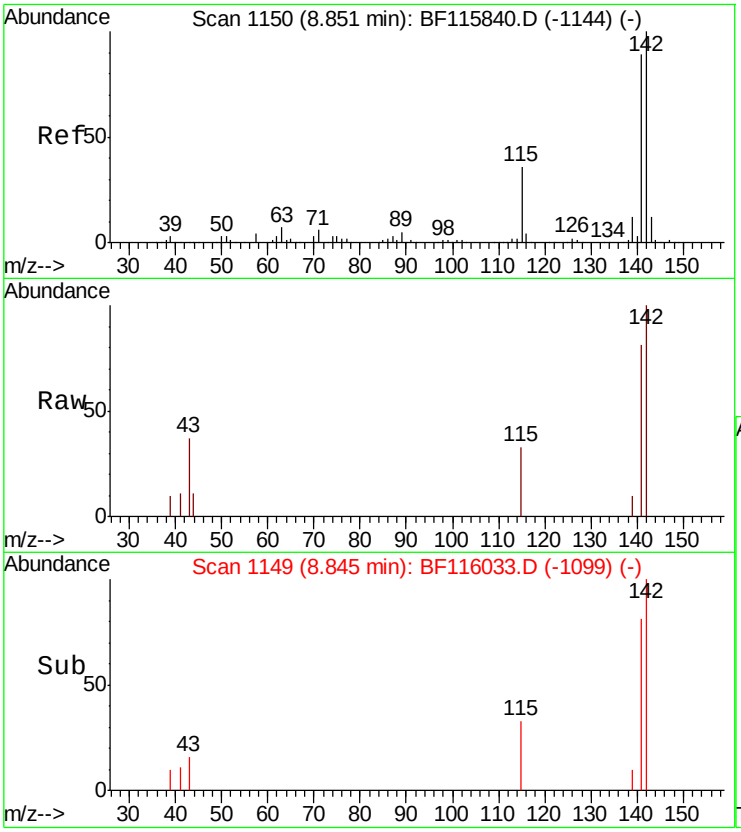


#33
4-Chloroaniline
Concen: 0.334 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.06 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:127 Resp: 3263

Ion	Ratio	Lower	Upper
127	100		
129	86.7	26.0	39.0#
65	0.0	23.9	35.9#
92	0.0	14.9	22.3#



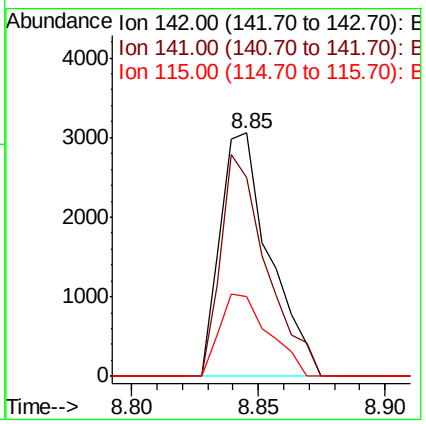


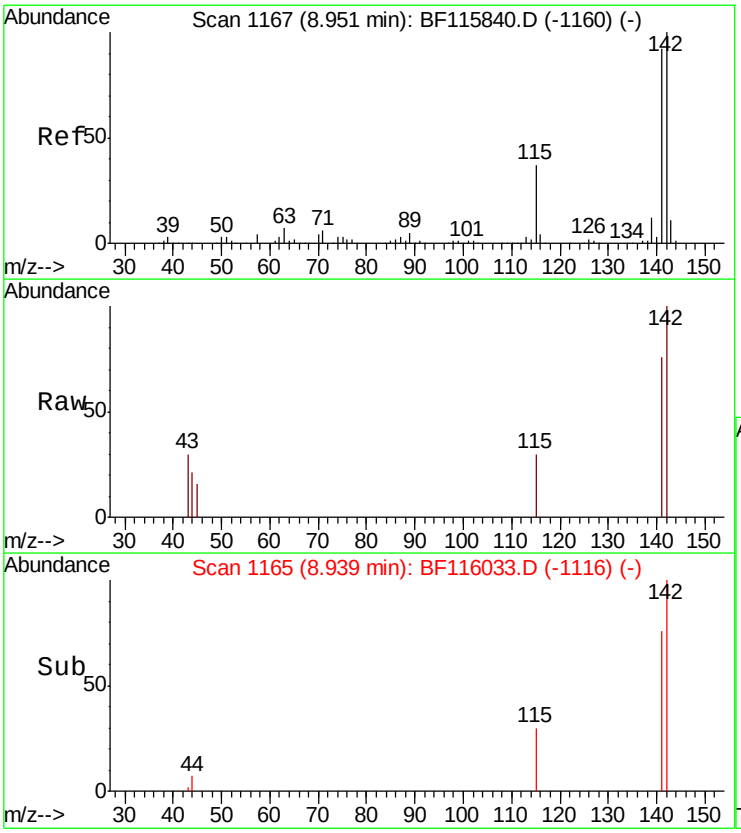
#37
2-Methylnaphthalene
Concen: 0.288 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:142 Resp: 4155

Ion	Ratio	Lower	Upper
142	100		
141	81.4	71.4	107.2
115	33.0	28.9	43.3

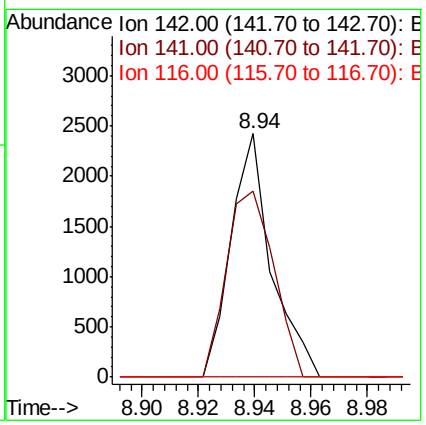


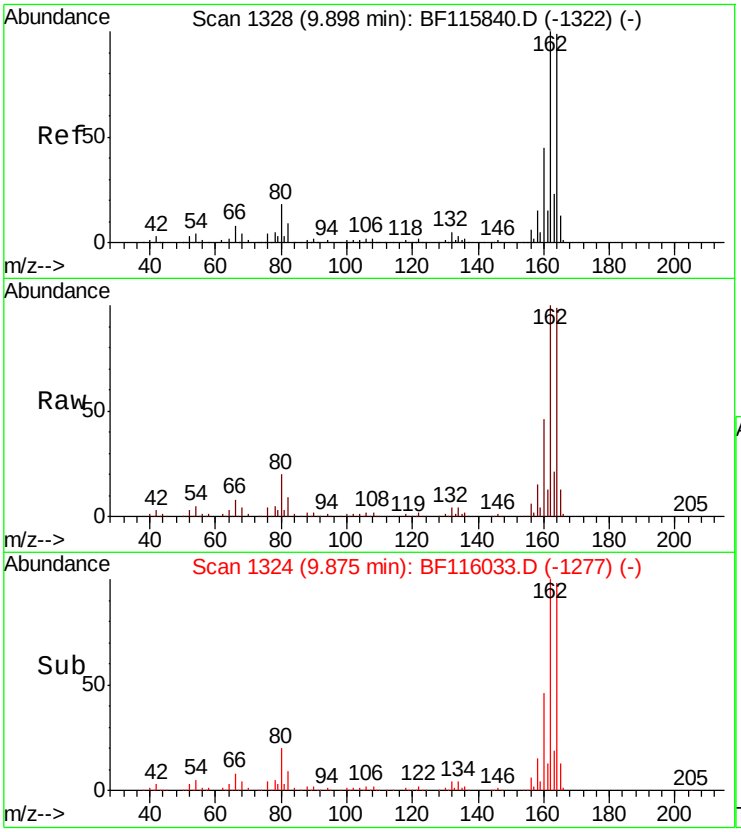


#38
1-Methylnaphthalene
Concen: 0.177 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:142 Resp: 2410

Ion	Ratio	Lower	Upper
142	100		
141	76.3	73.8	110.6
116	0.0	3.1	4.7#



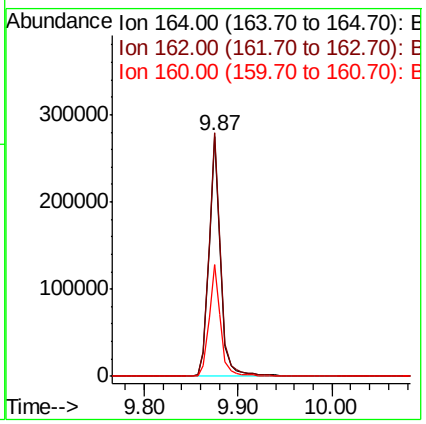


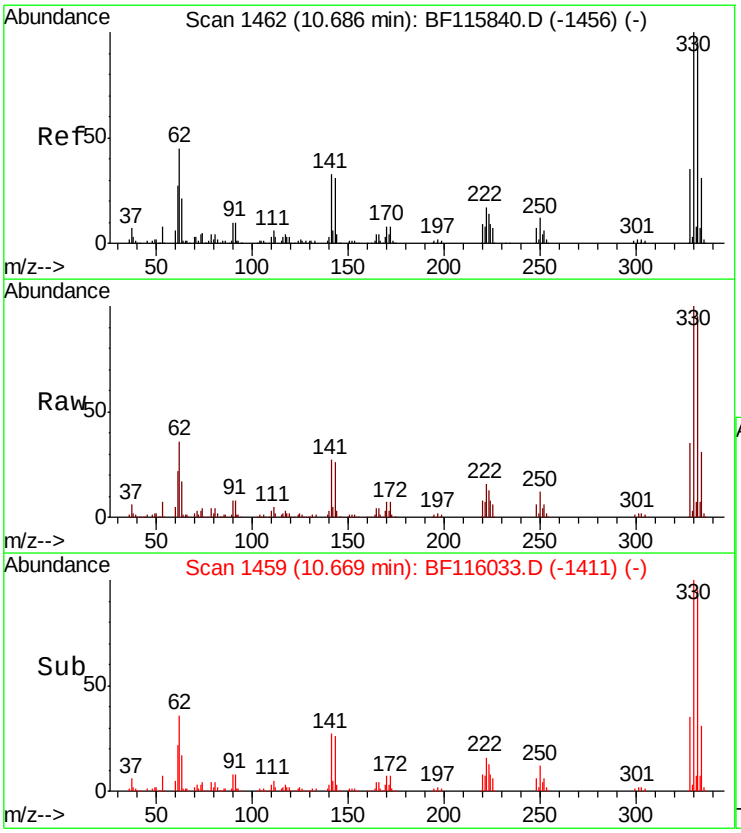
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:164 Resp: 241269

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.8	121.2
160	46.4	36.2	54.4

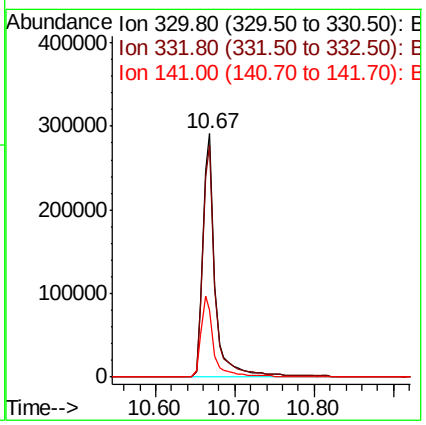


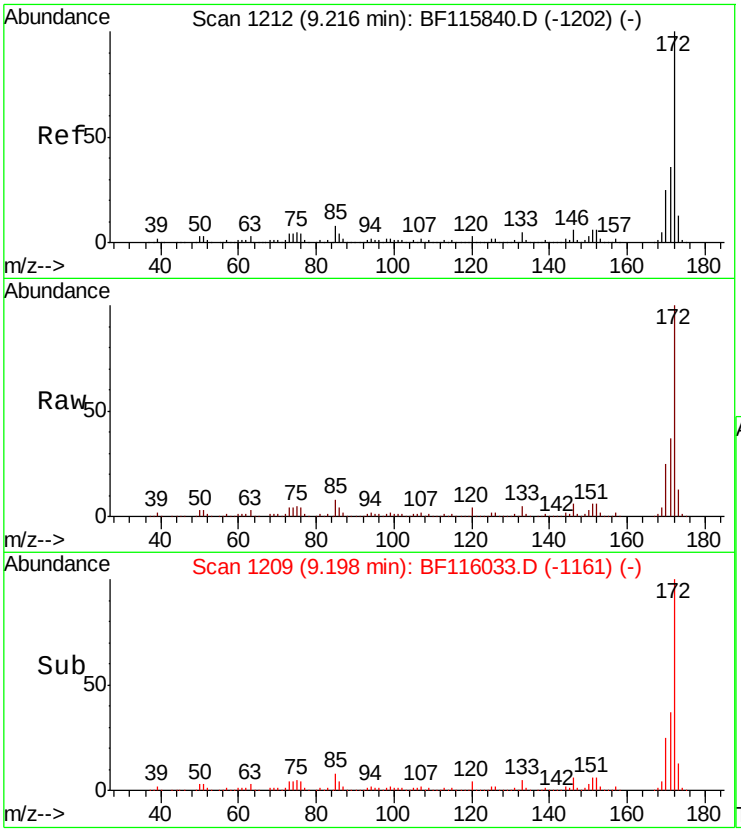


#42
2,4,6-Tribromophenol
Concen: 137.917 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:330 Resp: 322611

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.7	116.5
141	35.0	28.1	42.1



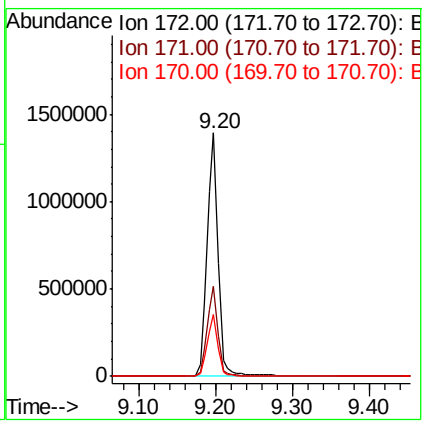


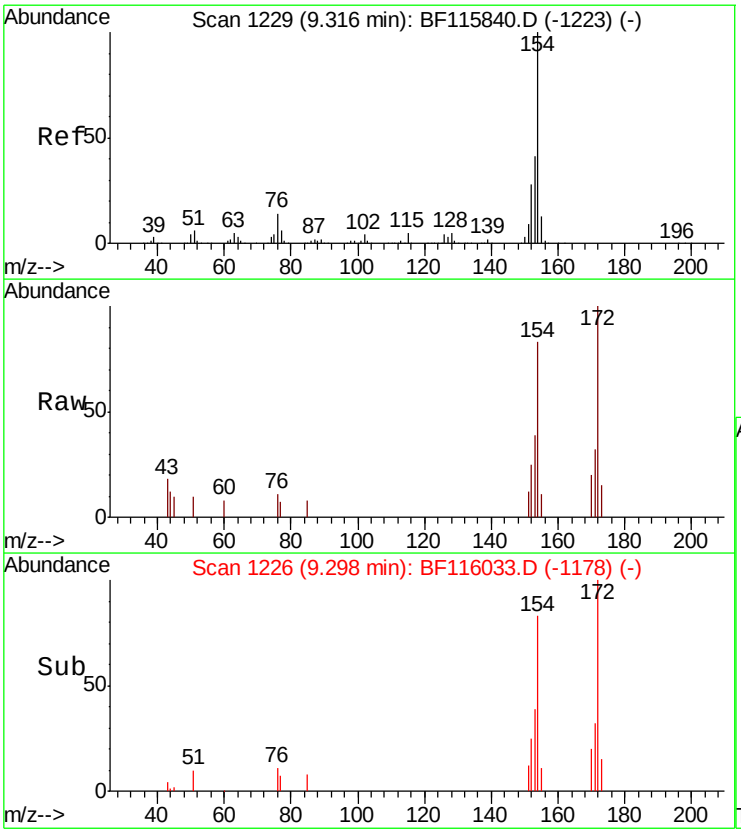
#45
2-Fluorobiphenyl
Concen: 106.851 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:172 Resp: 1376337

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.1	43.7
170	25.2	20.1	30.1

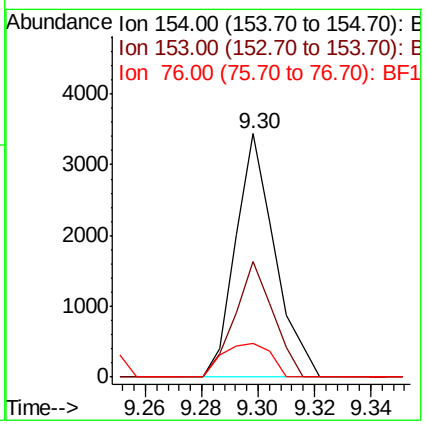


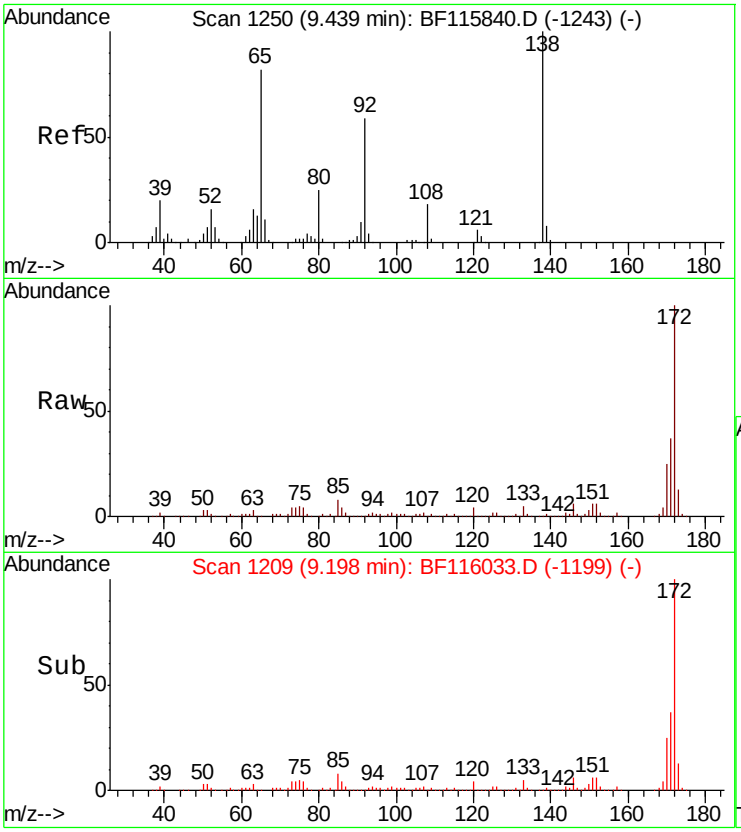


#46
1,1'-Biphenyl
Concen: 0.194 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:154 Resp: 3298

Ion	Ratio	Lower	Upper
154	100		
153	47.3	20.9	60.9
76	13.6	0.0	34.3



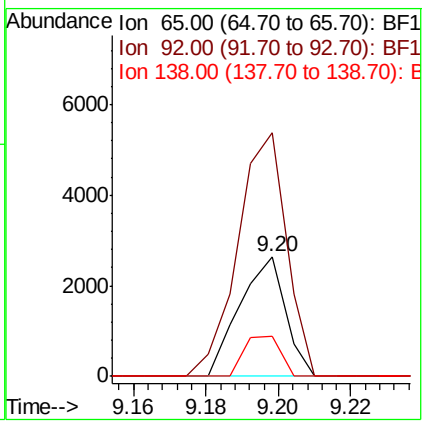


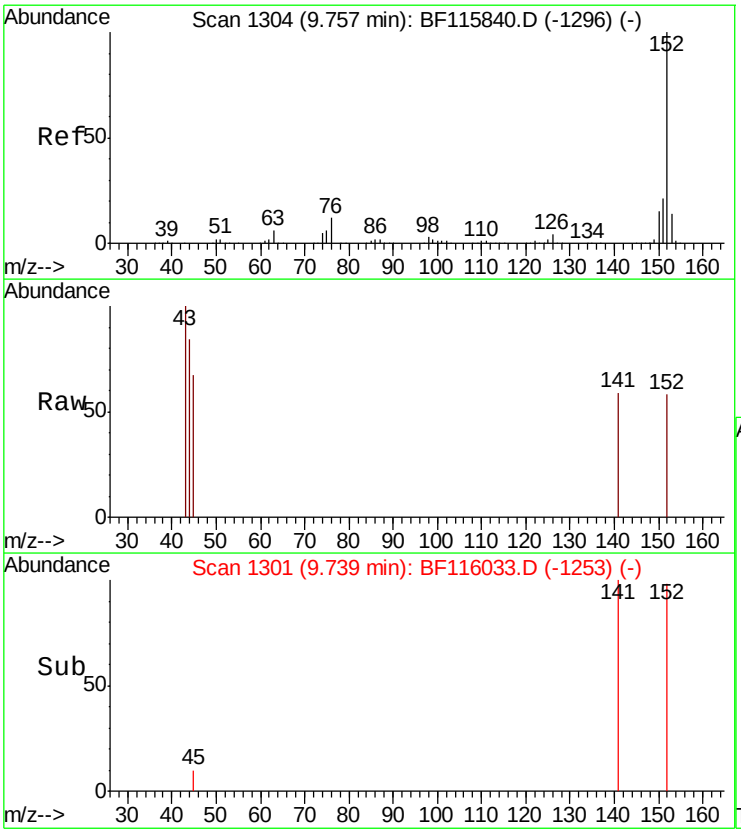
#48
2-Nitroaniline
Concen: 0.494 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.24 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 65 Resp: 2315

Ion	Ratio	Lower	Upper
65	100		
92	203.1	57.1	85.7#
138	33.7	97.1	145.7#

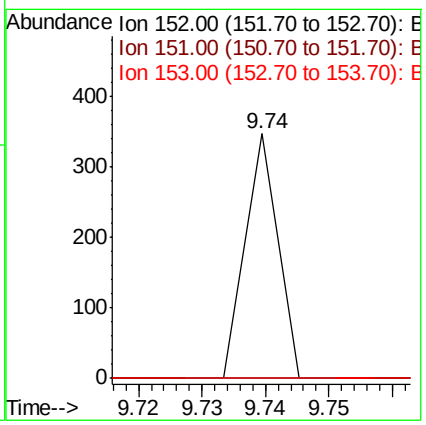


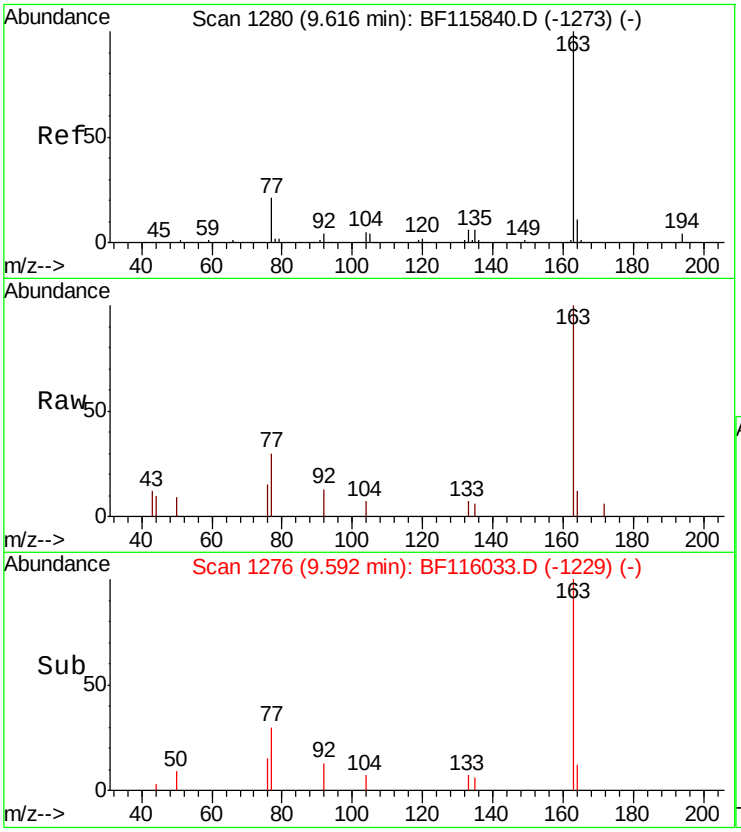


#49
Acenaphthylene
Concen: 0.006 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:152 Resp: 122

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	0.0	11.6	17.4#



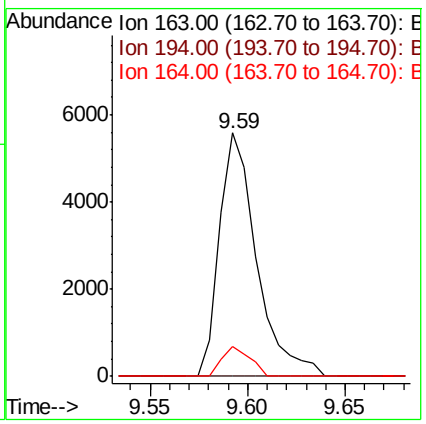


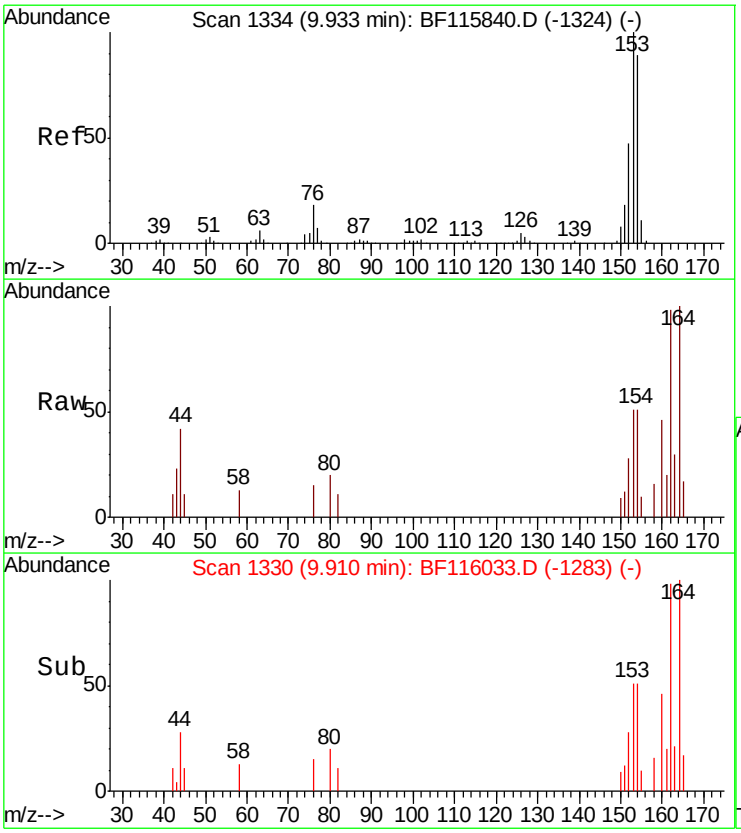
#50
Dimethylphthalate
Concen: 0.449 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:163 Resp: 7384

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.0	4.6#
164	12.3	8.4	12.6

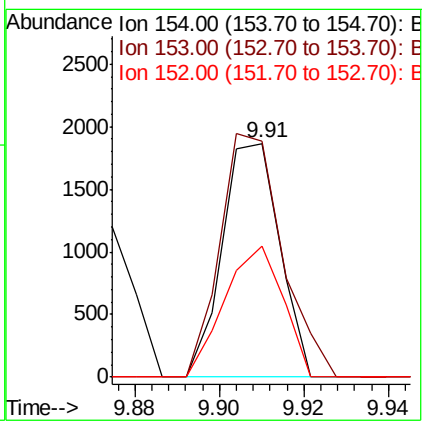


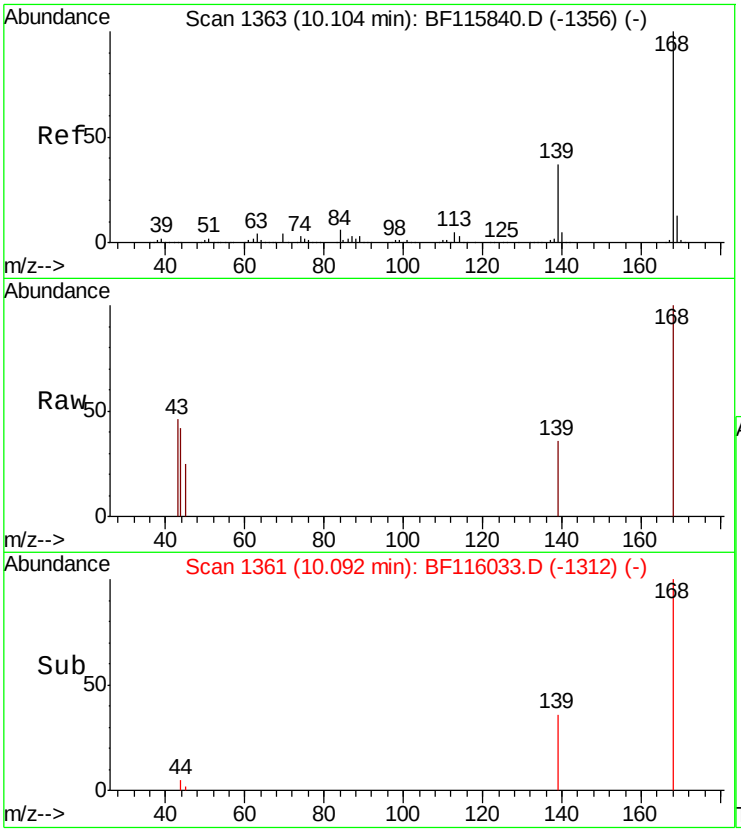


#52
Acenaphthene
Concen: 0.139 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:154 Resp: 1760

Ion	Ratio	Lower	Upper
154	100		
153	100.7	90.1	135.1
152	55.8	42.6	63.8



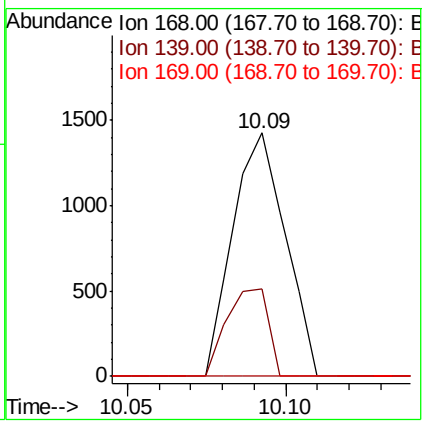


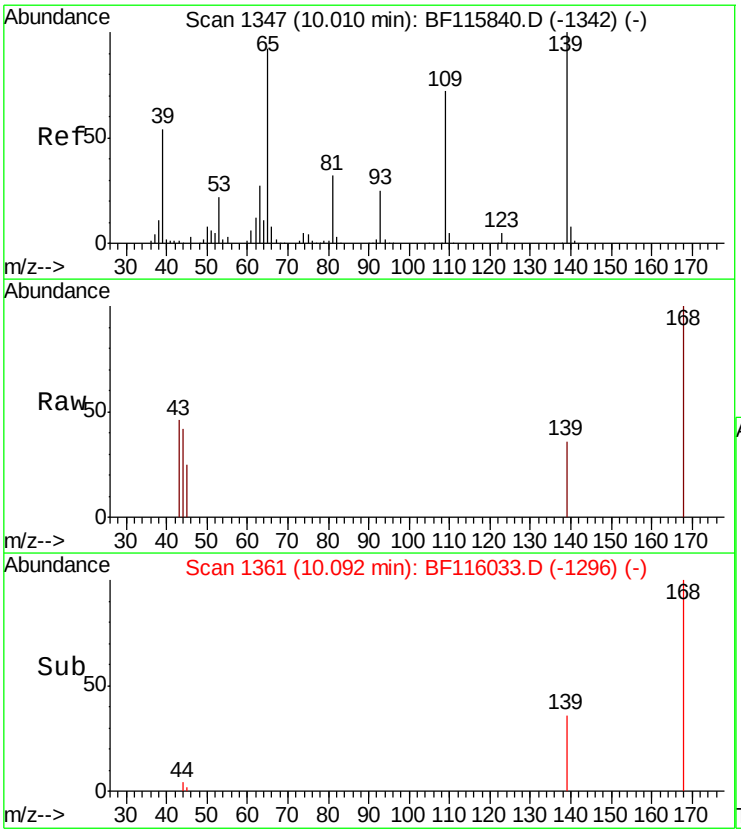
#55
Dibenzofuran
Concen: 0.089 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:168 Resp: 1639

Ion	Ratio	Lower	Upper
168	100		
139	35.8	30.2	45.2
169	0.0	10.8	16.2#

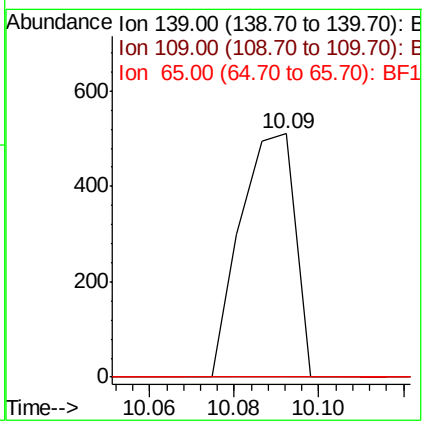


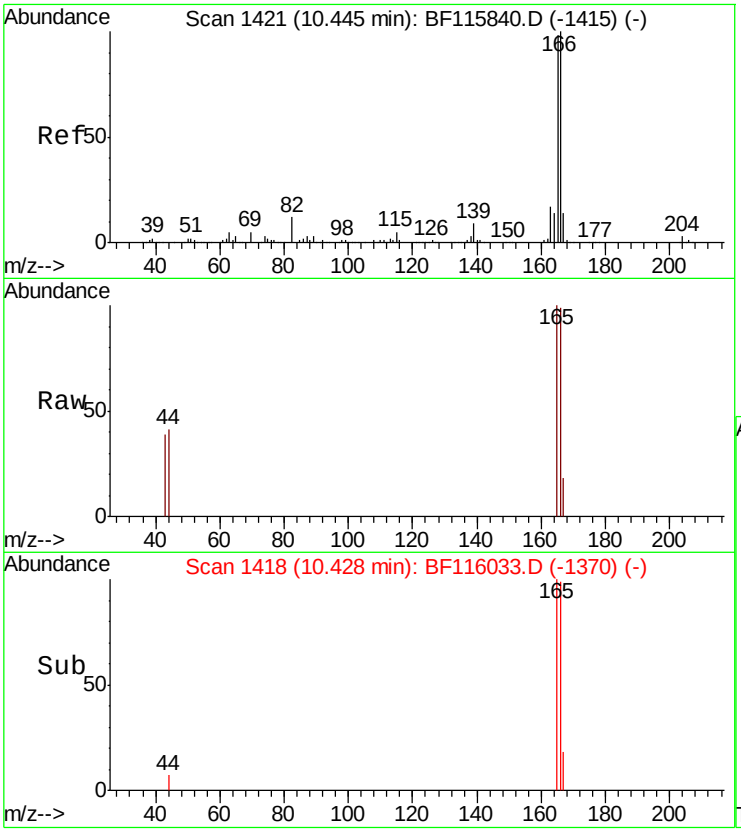


#56
4-Nitrophenol
Concen: 0.163 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:139 Resp: 461

Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.0	92.0#
65	0.0	72.6	112.6#



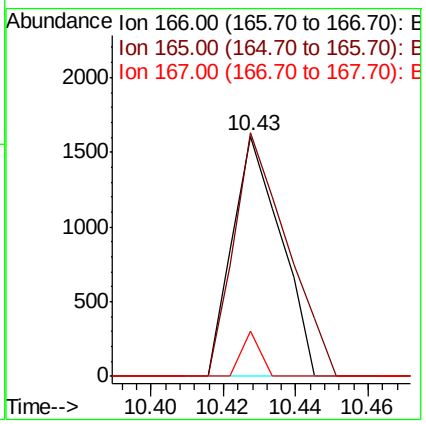


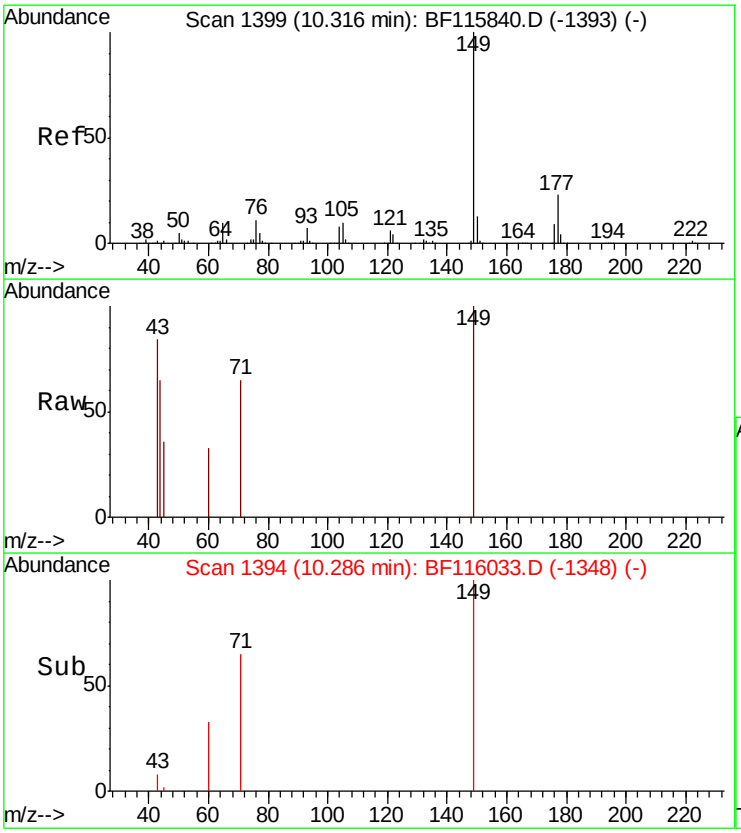
#58
Fluorene
Concen: 0.105 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:166 Resp: 1494

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.6	118.0
167	18.7	10.9	16.3#

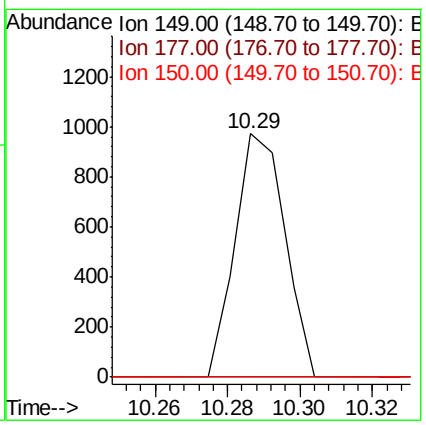


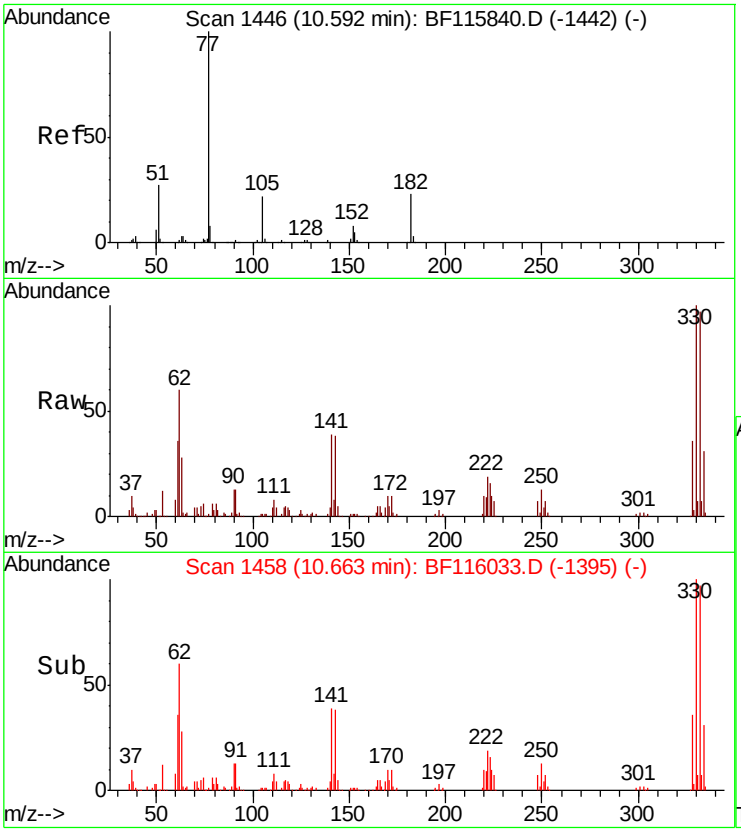


#60
Diethylphthalate
Concen: 0.060 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:149 Resp: 926

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.4	27.6#
150	0.0	10.1	15.1#



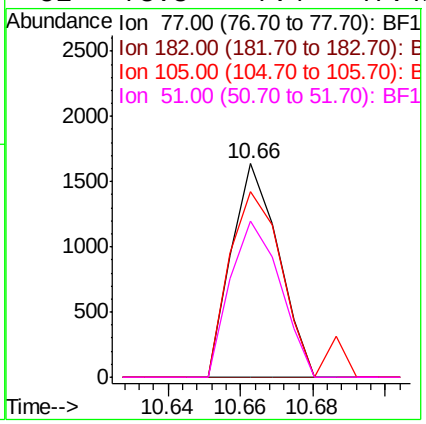


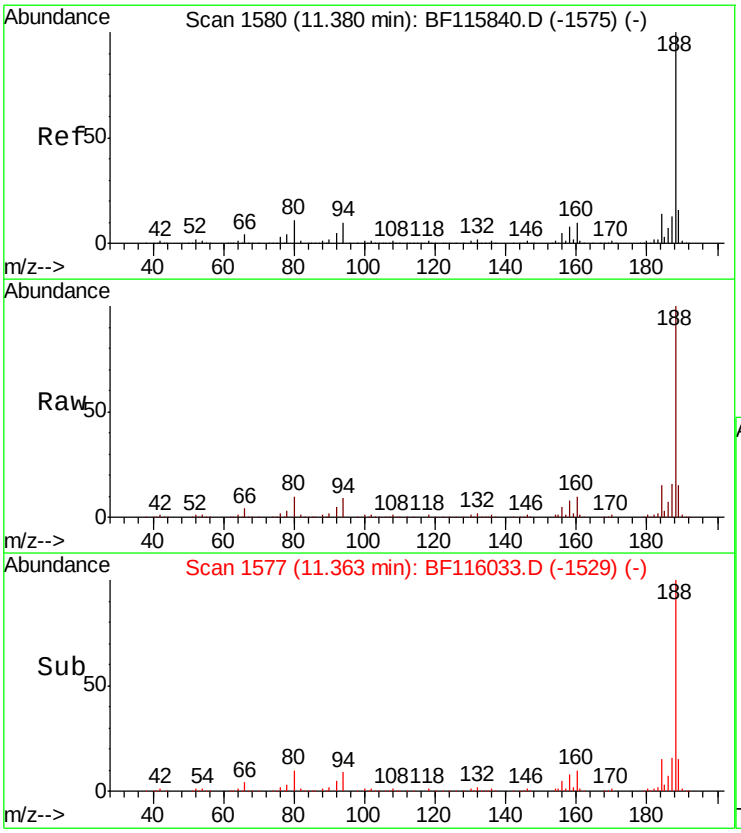
#63
Azobenzene
Concen: 0.094 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.07 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion: 77 Resp: 1478

Ion	Ratio	Lower	Upper
77	100		
182	0.0	2.6	42.6#
105	86.6	1.6	41.6#
51	73.3	7.4	47.4#

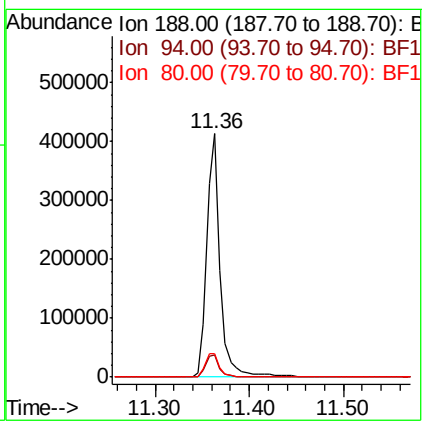


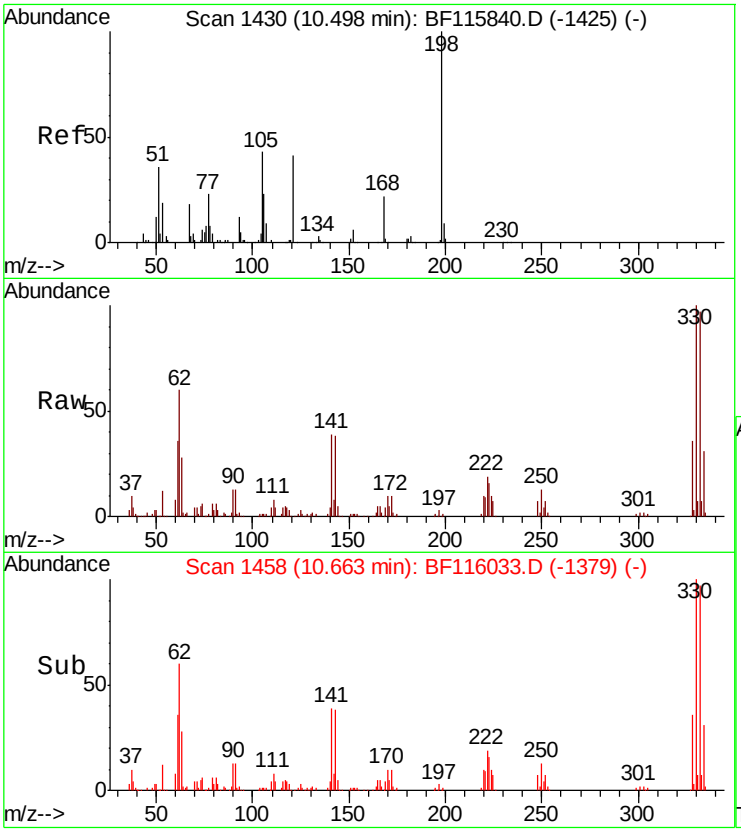


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:188 Resp: 413626

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8



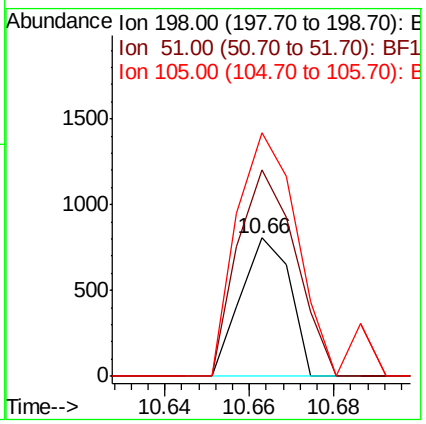


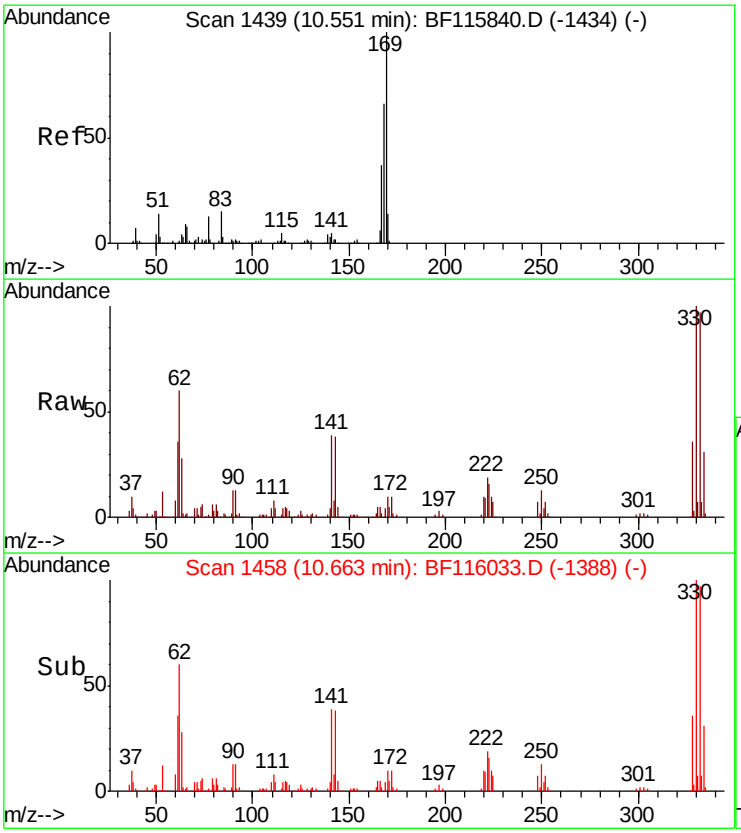
#65
4,6-Dinitro-2-methylphenol
Concen: 0.299 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.16 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:198 Resp: 655

Ion	Ratio	Lower	Upper
198	100		
51	149.2	21.1	61.1#
105	176.3	24.5	64.5#

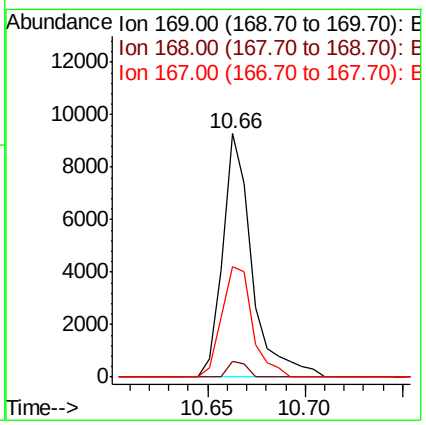


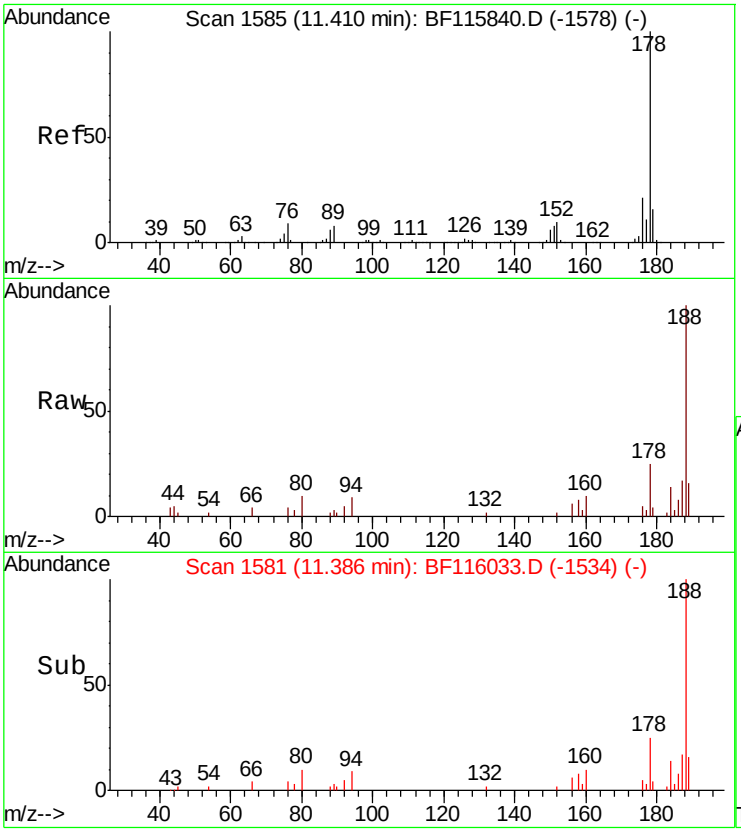


#66
n-Nitrosodiphenylamine
Concen: 0.775 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.11 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:169 Resp: 9645

Ion	Ratio	Lower	Upper
169	100		
168	6.6	53.0	79.6#
167	45.4	29.9	44.9#



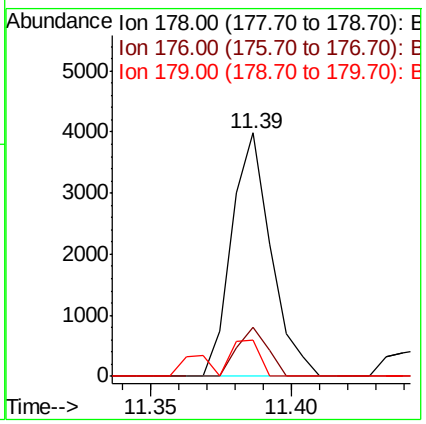


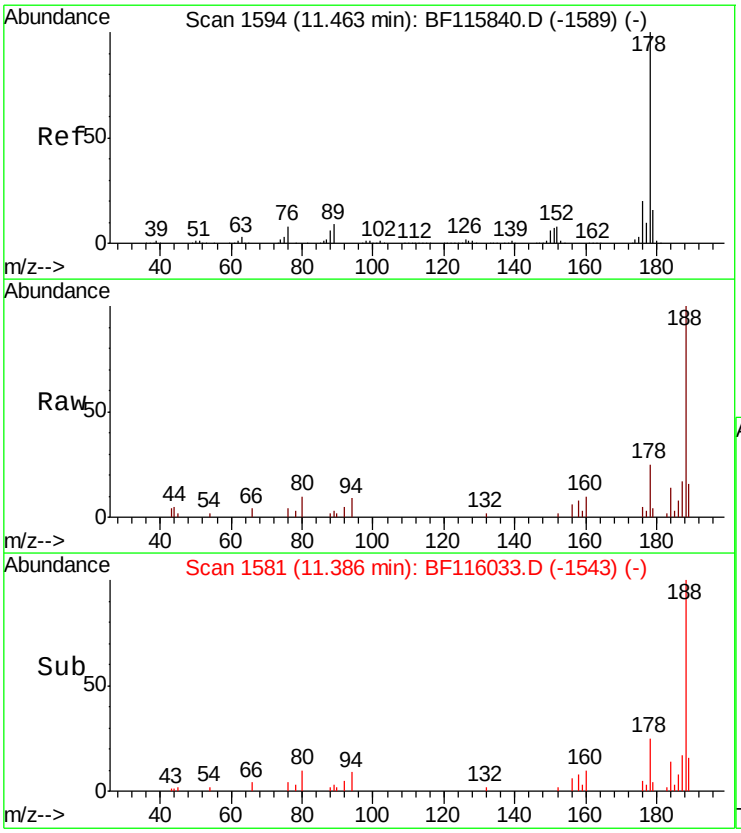
#71
Phenanthrene
Concen: 0.182 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:178 Resp: 3844

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.5	24.7
179	14.7	12.6	18.8

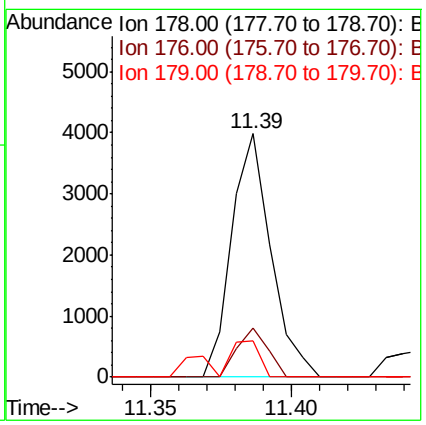


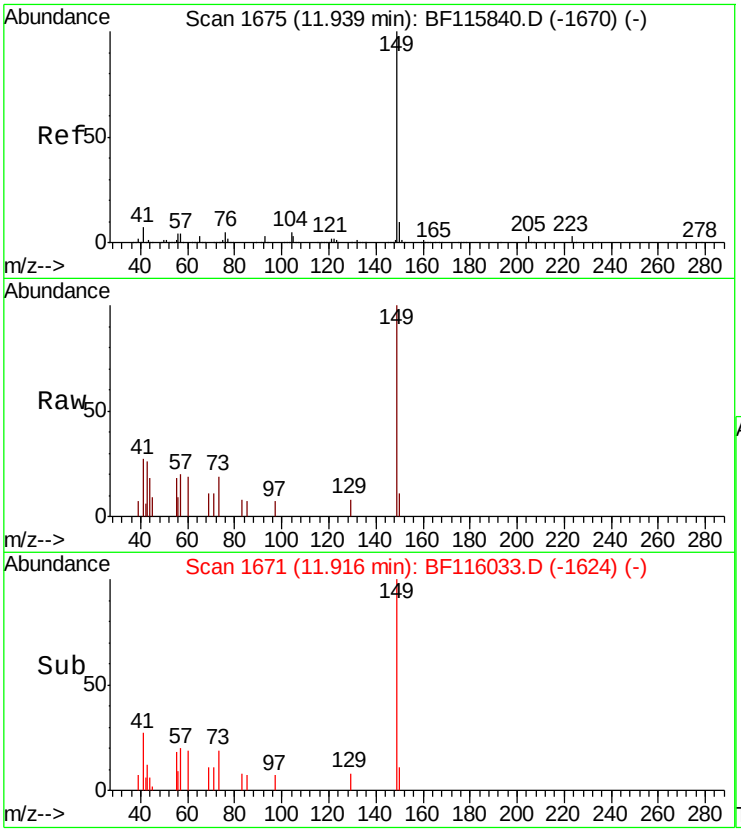


#72
Anthracene
Concen: 0.180 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.08 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:178 Resp: 3844

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	14.7	12.4	18.6



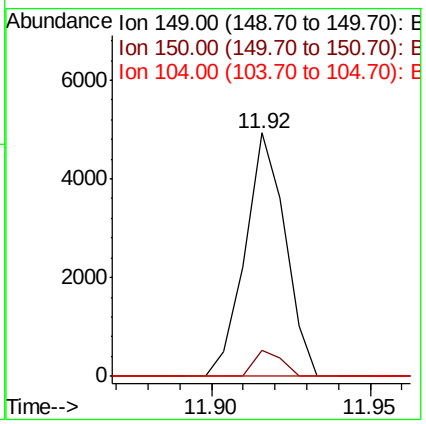


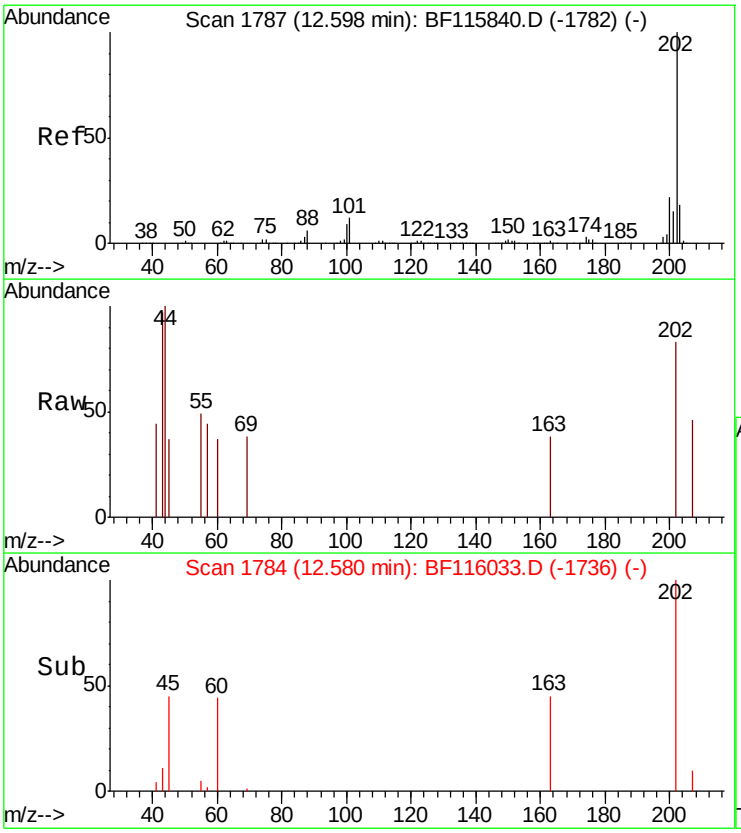
#74
Di-n-butylphthalate
Concen: 0.191 ng
RT: 11.92 min Scan# 1671
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:149 Resp: 4334

Ion	Ratio	Lower	Upper
149	100		
150	10.9	7.7	11.5
104	0.0	4.3	6.5#

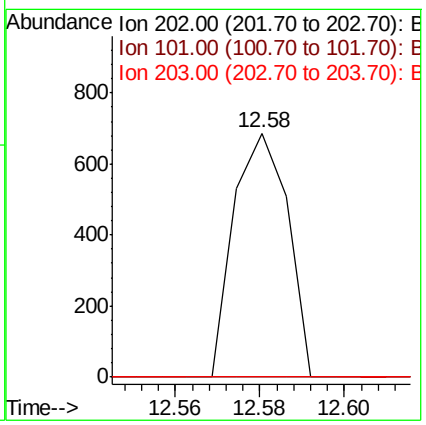


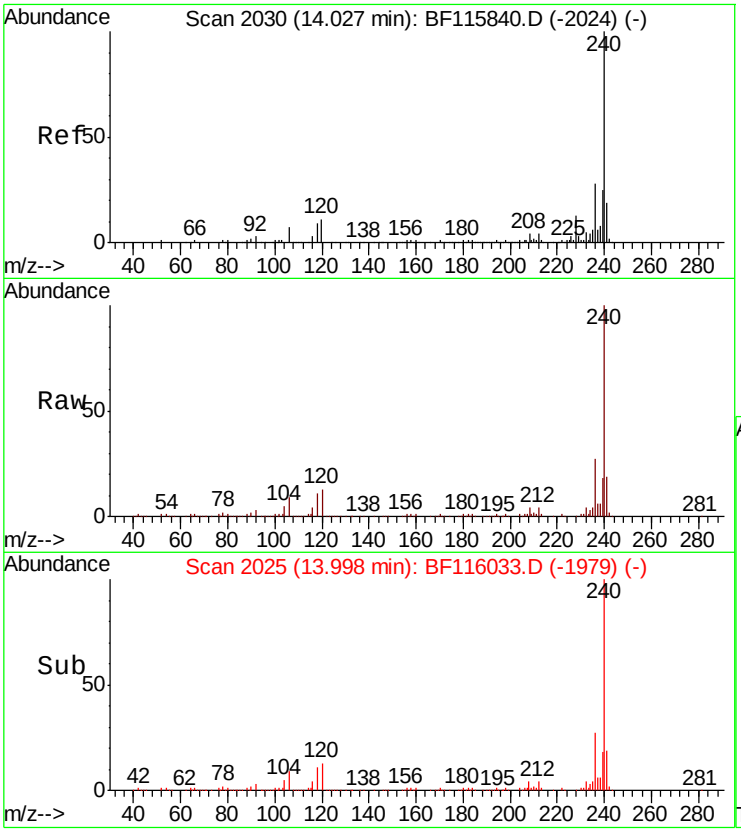


#75
Fluoranthene
Concen: 0.028 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:202 Resp: 609

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.5
203	0.0	0.0	37.9



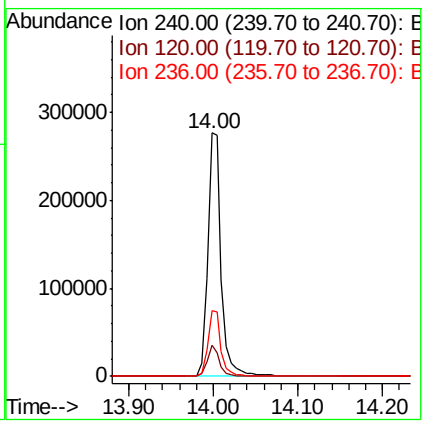


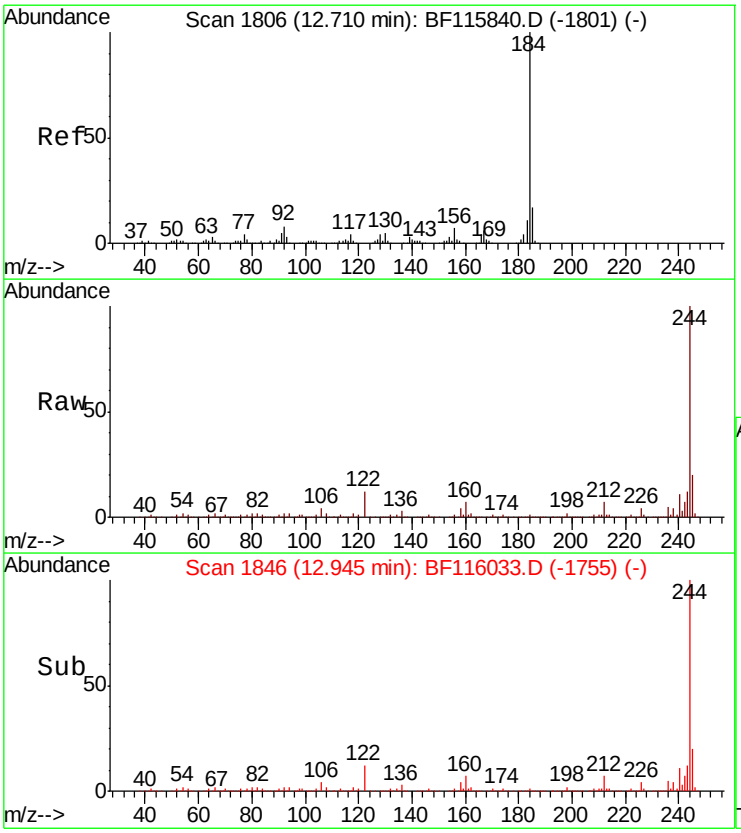
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:240 Resp: 307949

Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.5	12.7
236	27.0	22.2	33.2

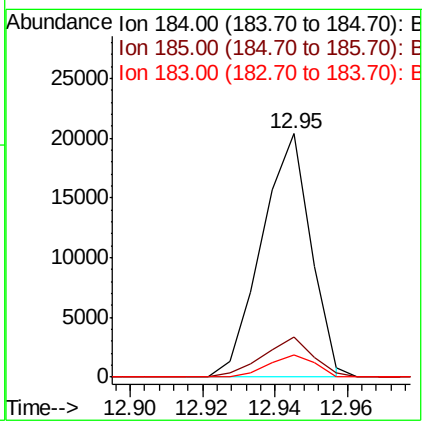


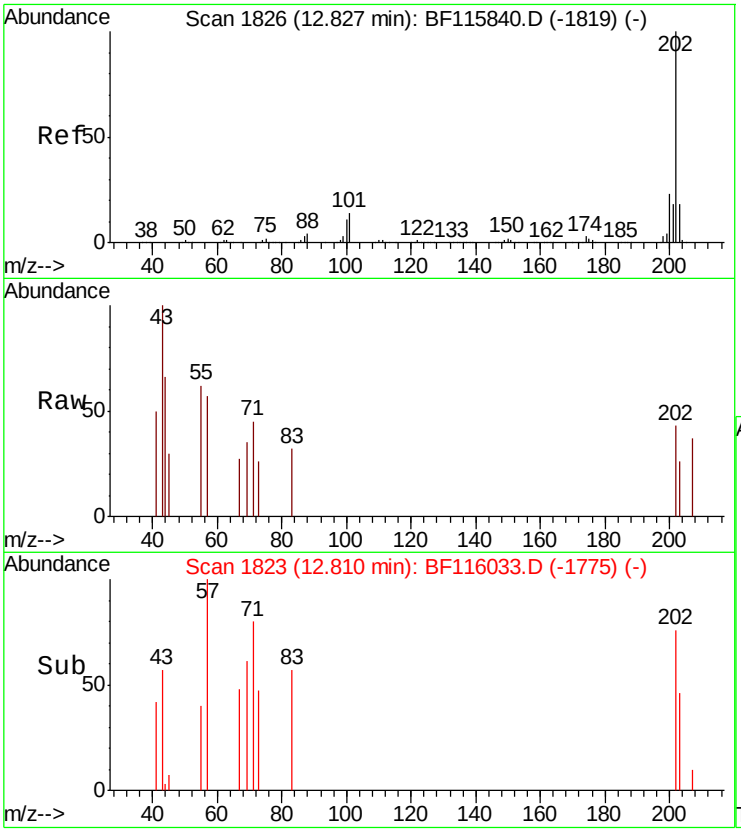


#77
Benzidine
Concen: 1.851 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.24 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:184 Resp: 19261

Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.4	20.2
183	9.3	9.1	13.7



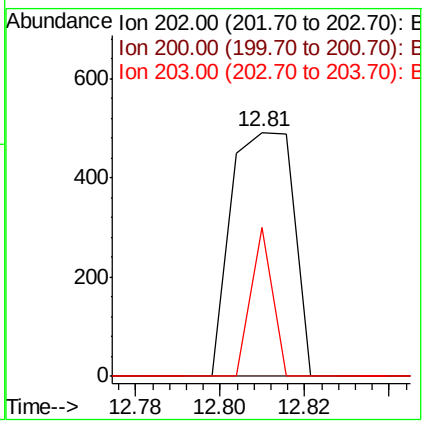


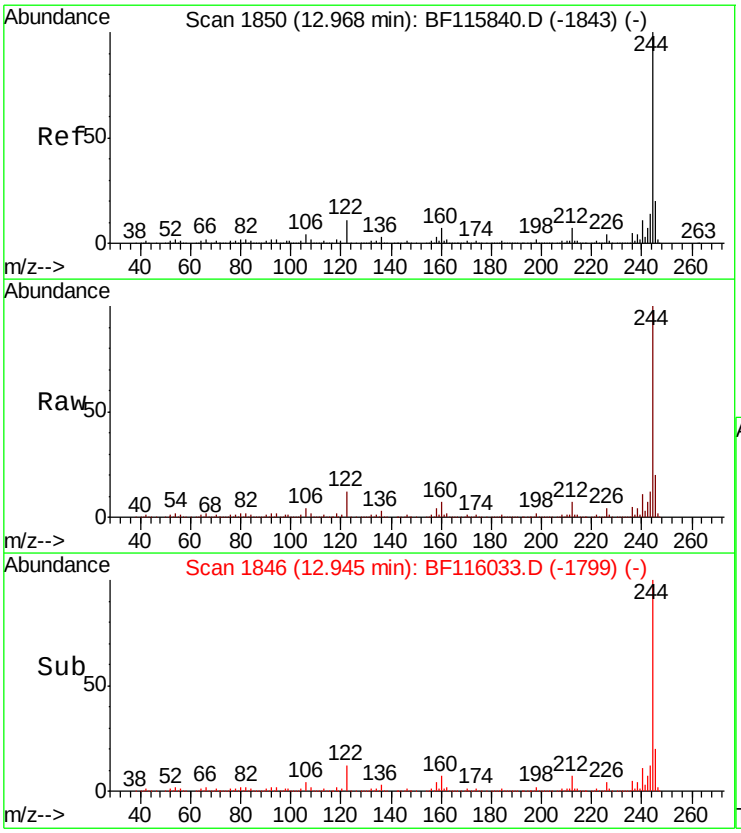
#78
Pyrene
Concen: 0.022 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:202 Resp: 504

Ion	Ratio	Lower	Upper
202	100		
200	0.0	18.2	27.2#
203	61.1	14.3	21.5#

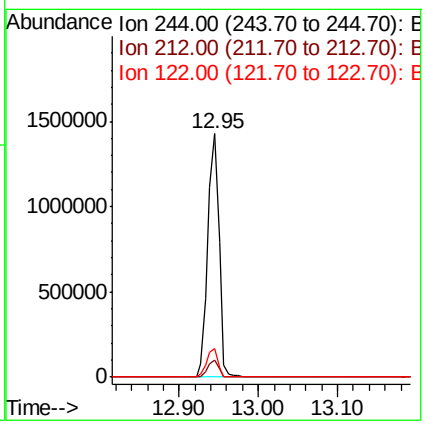


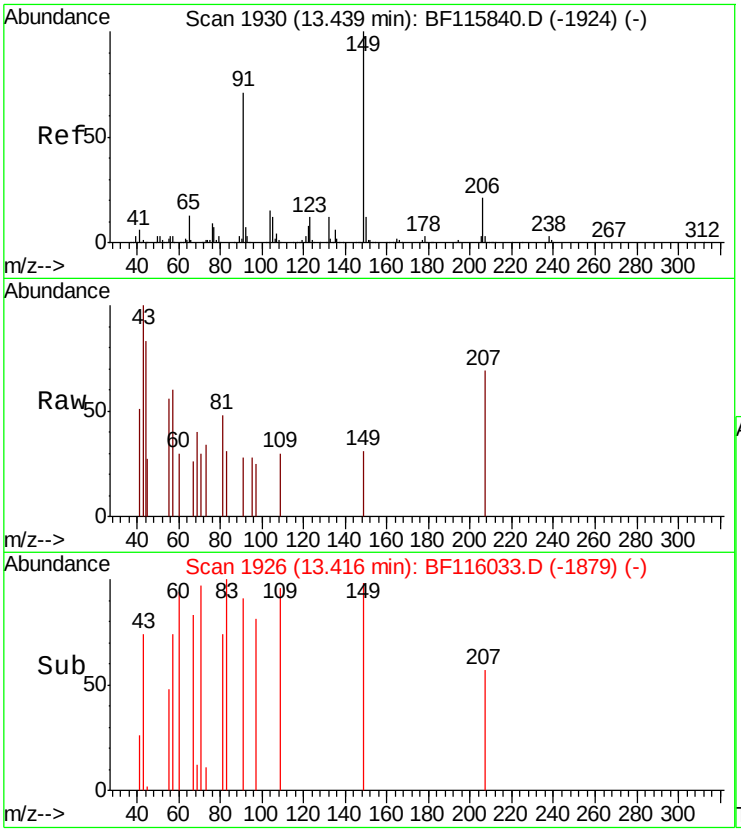


#79
Terphenyl-d14
Concen: 96.899 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:244 Resp: 1416114

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.9	8.6	13.0



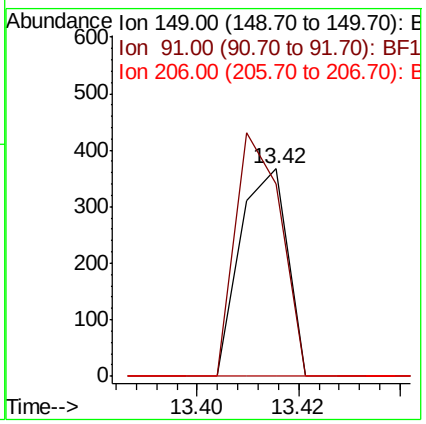


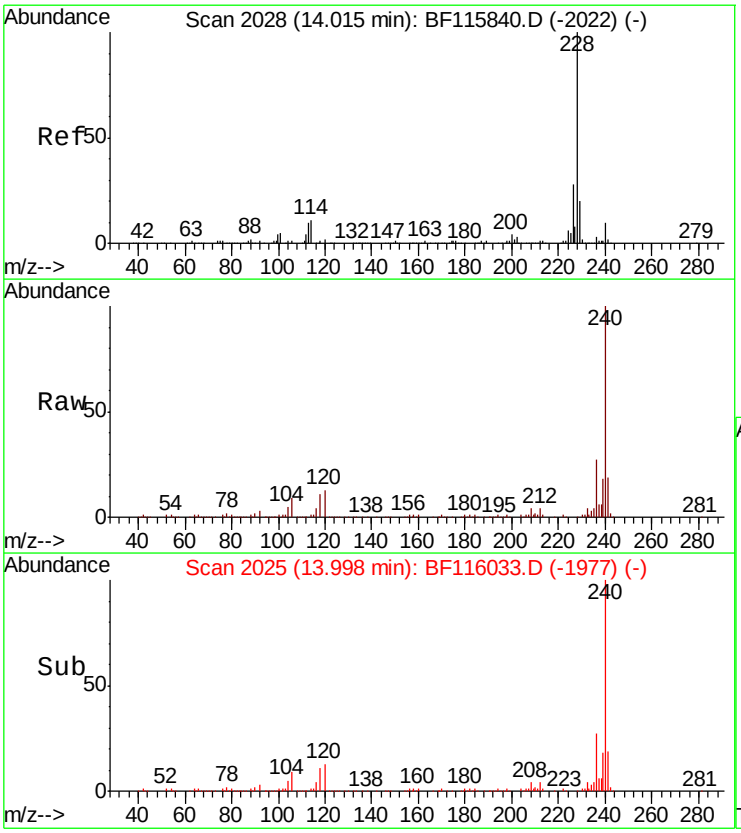
#80
Butylbenzylphthalate
Concen: 0.024 ng
RT: 13.42 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:149 Resp: 240

Ion	Ratio	Lower	Upper
149	100		
91	92.9	57.0	85.6#
206	0.0	16.9	25.3#

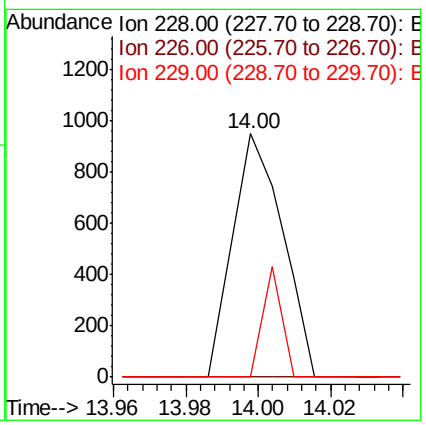


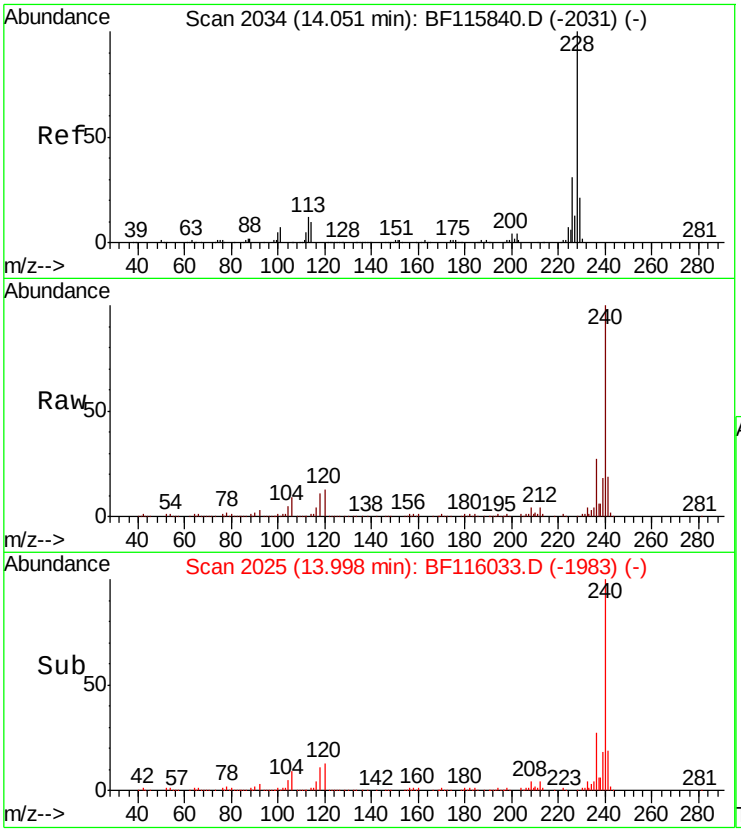


#81
Benzo(a)anthracene
Concen: 0.046 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:228 Resp: 908

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.5	33.7#
229	0.0	16.1	24.1#



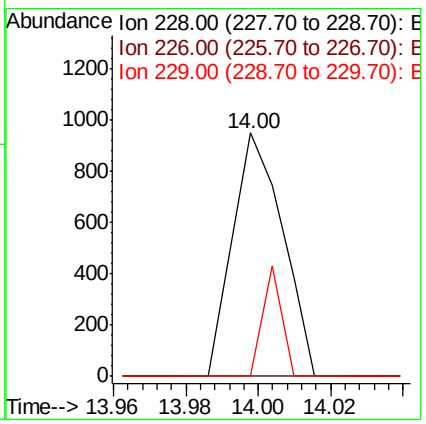


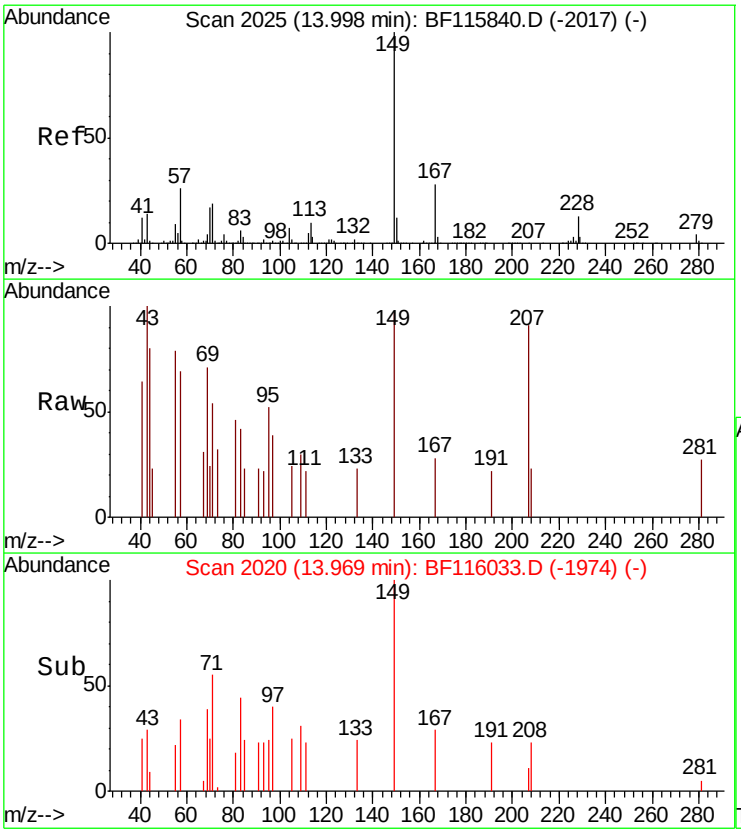
#83
Chrysene
Concen: 0.048 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:228 Resp: 908

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.8	37.2#
229	0.0	16.4	24.6#

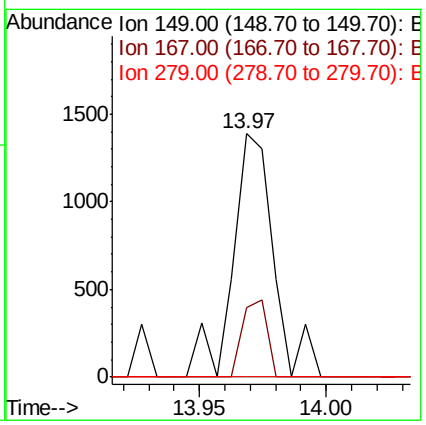


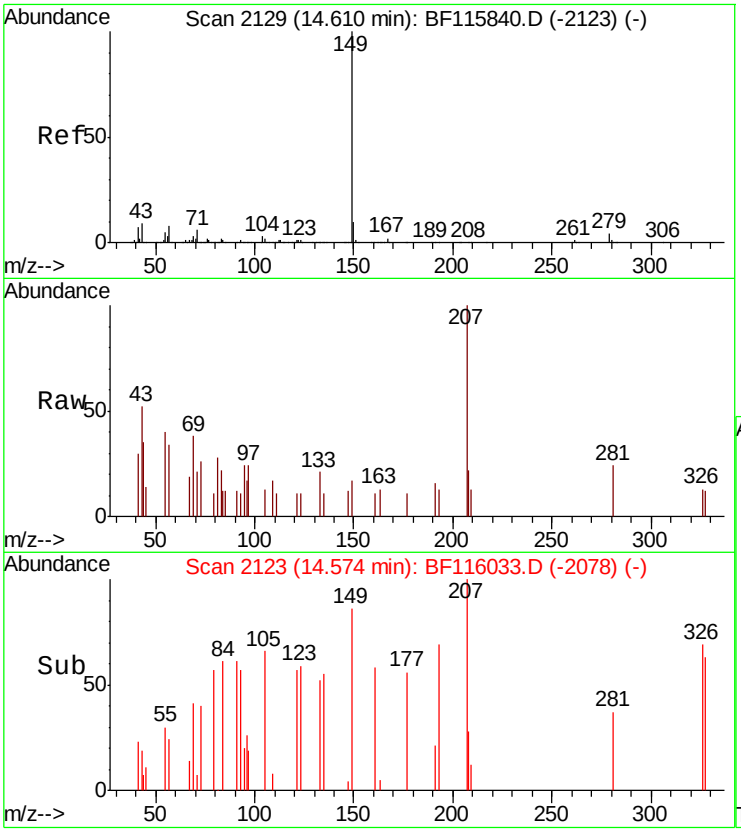


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.122 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:149 Resp: 1559

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	0.0	3.3	4.9#



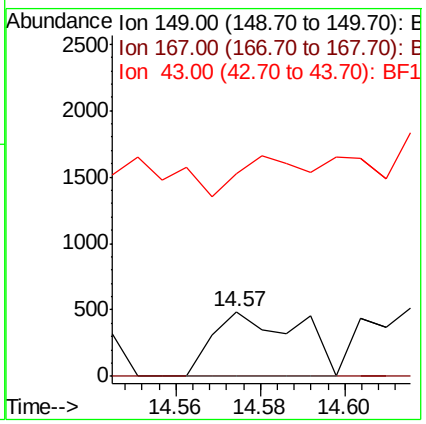


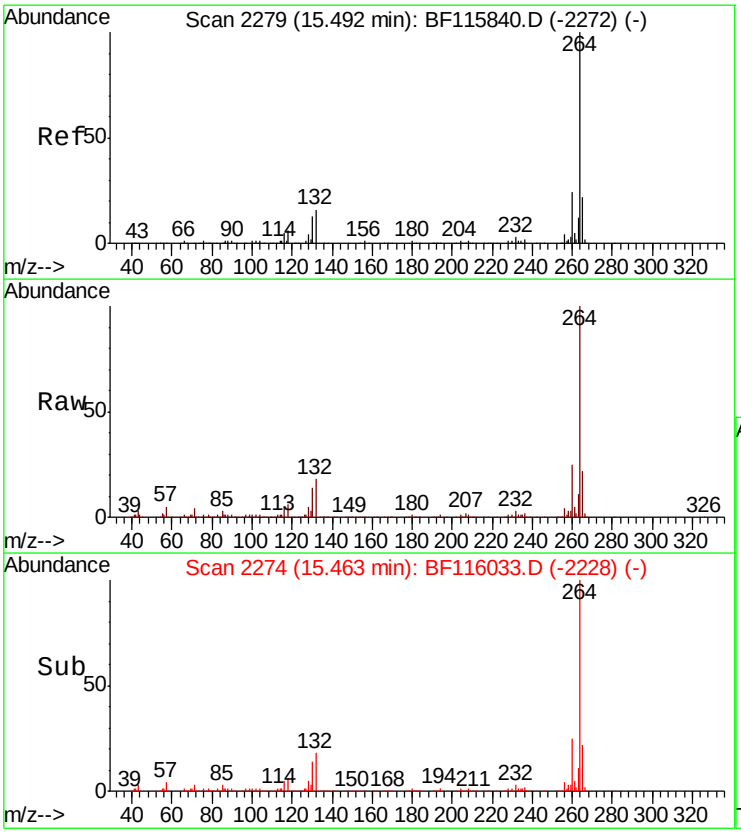
#85
Di-n-octyl phthalate
Concen: 0.033 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.04 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:149 Resp: 677

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	48.4	7.4	11.0#

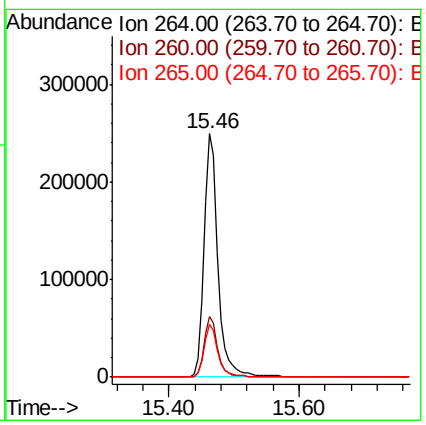


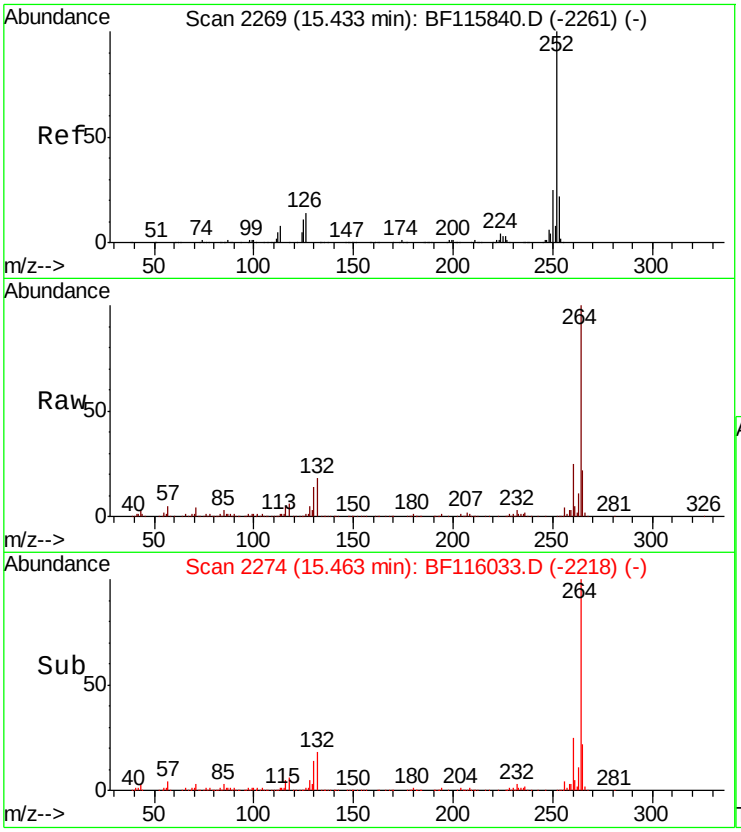


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Tgt Ion:264 Resp: 370647

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.5	26.3





#90
Benzo(a)pyrene
Concen: 0.066 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.03 min
Lab File: BF116033.D
Acq: 7 Aug 2019 00:15

Instrument :
BNA_F
ClientSampleId :
1S-F1-F4-COMP-(30)

Tgt Ion:252 Resp: 1274

Ion	Ratio	Lower	Upper
252	100		
253	38.1	17.8	26.6#
125	72.2	8.8	13.2#