Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\

Quantitation Report (Not Reviewed)

Data File : BF118504.D
Acq On : 8 Jan 2020 17:39
Operator : JU
Sample : PB125777BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB125777BL

Quant Time: Jan 09 03:13:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	87388	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	355123	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	209651	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	362398	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	233663	20.00	ng		-0.01
87) Perylene-d12	15.51	264	195054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	709710	134.06	ng		0.01
7) Phenol-d6	6.47	99	924224	146.03	ng		0.00
23) Nitrobenzene-d5	7.40	82	624758	92.42	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	337504	136.43	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1336613	91.44	ng		-0.01
79) Terphenyl-d14	12.97	244	1474665	100.01	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.60	93	999	0.127	ng	#	1
8) 2-Chlorophenol	6.62	128	243	0.042	ng	#	1
9) Benzaldehyde	6.46	77	1346	0.382	ng	#	1
10) Phenol	6.60	94	1530	0.218	ng	#	1
11) bis(2-Chloroethyl)ether	6.60	93	999	0.200	ng	#	1
15) Benzyl Alcohol	6.98	79	10407	2.027	ng	#	49
19) n-Nitroso-di-n-propylamine	7.40	70	86607	21.246	ng	#	76
24) Nitrobenzene	7.40	77	2094	0.312	ng	#	40
25) Isophorone	7.40	82	624754	57.687	ng	#	63
38) 1-Methylnaphthalene	9.19	142	627	0.052	ng	#	49
46) 1,1'-Biphenyl	9.30	154	2478	0.145	ng		92
48) 2-Nitroaniline	9.19	65	1924	0.491	ng	#	1
51) 2,6-Dinitrotoluene	9.87	165	26884	7.758	ng	#	23
52) Acenaphthene	9.87	154	750	0.061	ng	#	5
57) 2,4-Dinitrotoluene	9.87	165	26884	5.794	ng	#	20
58) Fluorene	10.67	166	12931	0.869	ng	#	91
63) Azobenzene	10.67	77	1553	0.112	ng	#	12
65) 4,6-Dinitro-2-methylphenol	10.67	198	611	0.319	ng	#	1
66) n-Nitrosodiphenylamine	10.67	169	10101	0.856	ng	#	47
67) 4-Bromophenyl-phenylether	10.67	248	21020	4.952	ng	#	1
74) Di-n-butylphthalate	11.93	149	556	0.024	ng	#	77
77) Benzidine	12.96	184	21384	Below Cal		#	95
78) Pyrene	12.97	202	4942	0.257	ng	#	70
81) Benzo(a)anthracene	14.03	228	626	0.038	ng	#	40
83) Chrysene	14.03	228	626	0.039	ng	#	39
84) Bis(2-ethylhexyl)phthalate	13.99	149	131	0.011	ng	#	54
85) Di-n-octyl phthalate	14.87	149	345	0.020	ng	#	1
90) Benzo(a)pyrene	15.52	252	501	0.043	ng	#	22

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

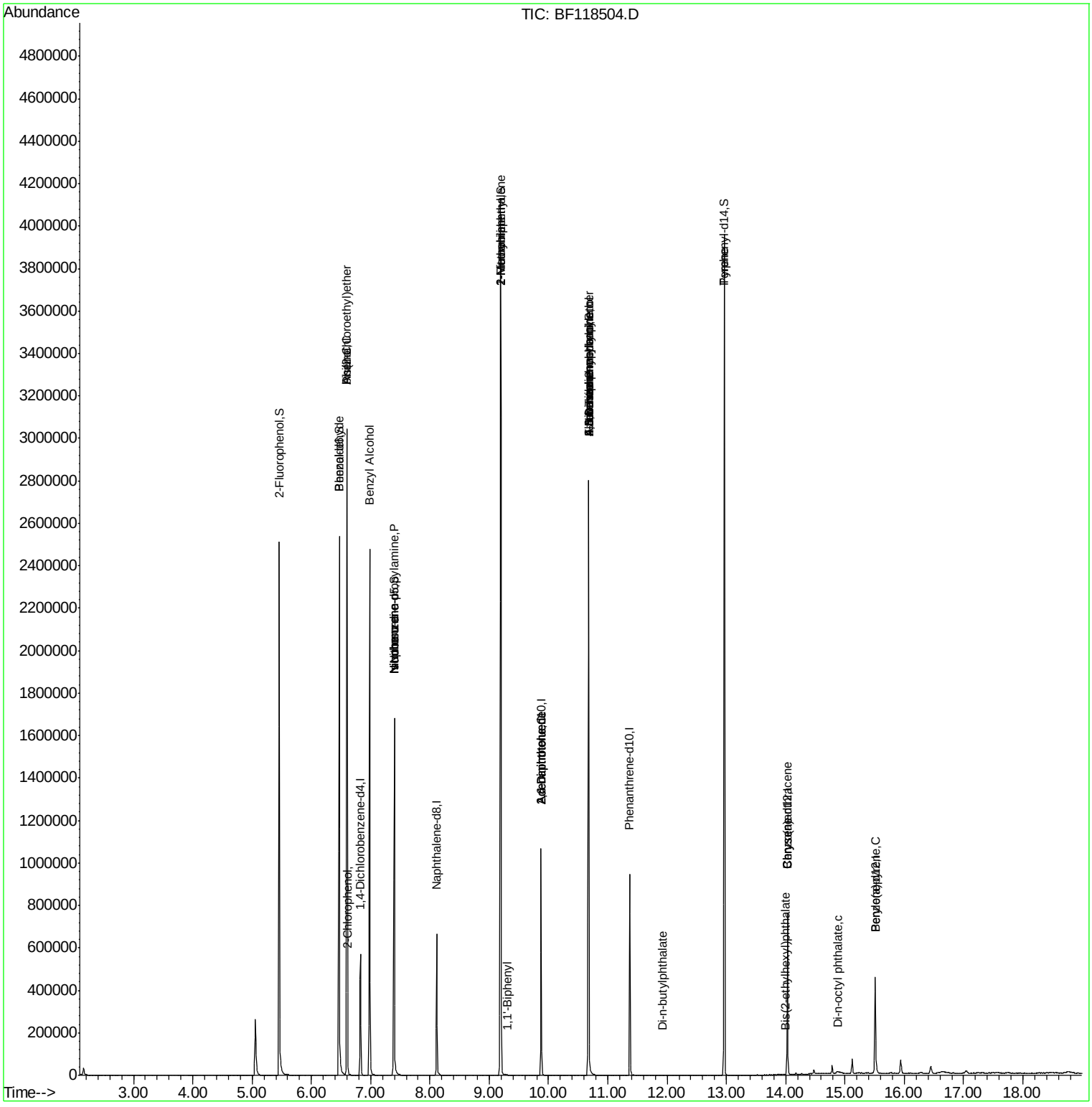
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\

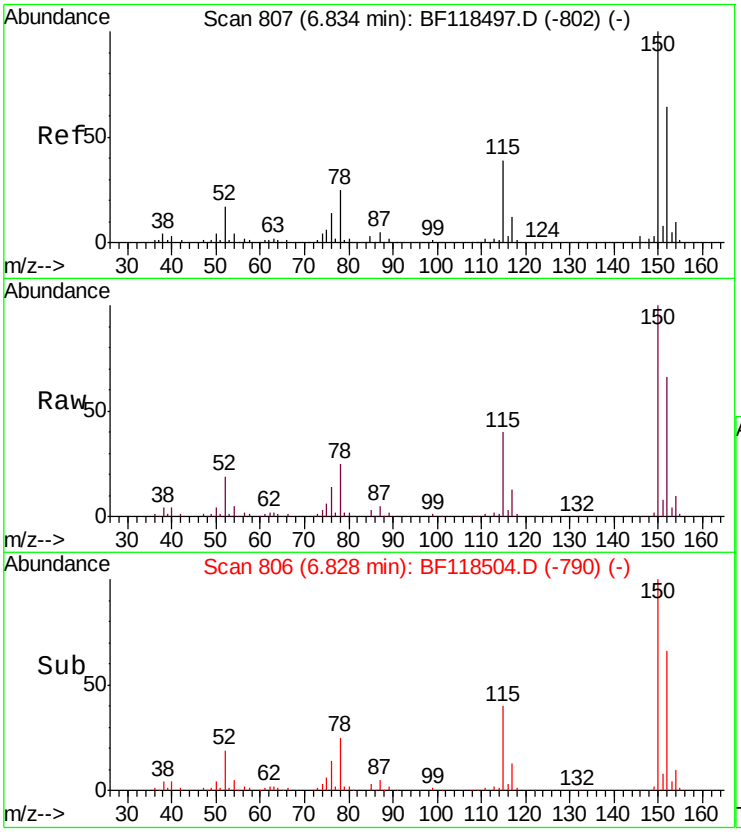
Quantitation Report (Not Reviewed)

Data File : BF118504.D
Acq On : 8 Jan 2020 17:39
Operator : JU
Sample : PB125777BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Quant Time: Jan 09 03:13:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 16:06:11 2020
Response via : Initial Calibration



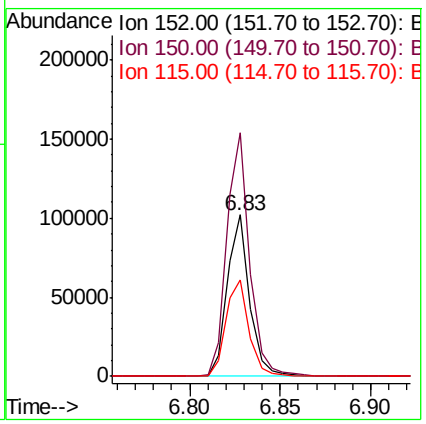


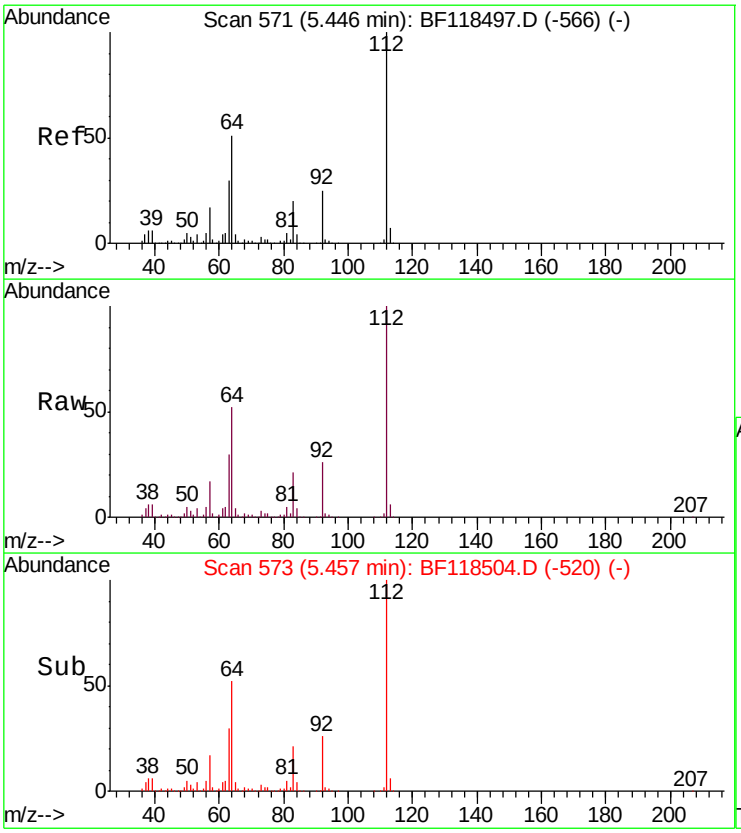
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:152 Resp: 87388

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.7	187.1
115	59.6	49.0	73.6

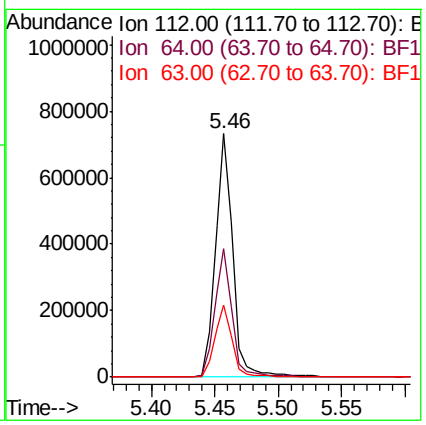


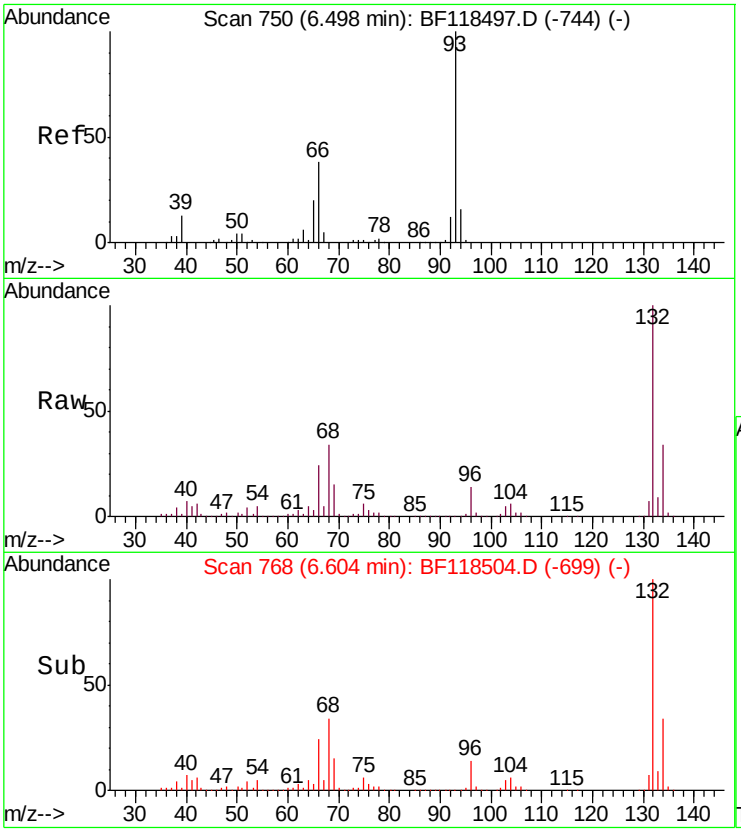


#5
2-Fluorophenol
Concen: 134.063 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:112 Resp: 709710

Ion	Ratio	Lower	Upper
112	100		
64	52.5	41.1	61.7
63	29.8	24.1	36.1



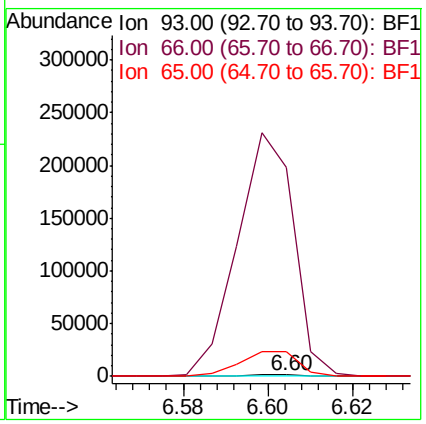


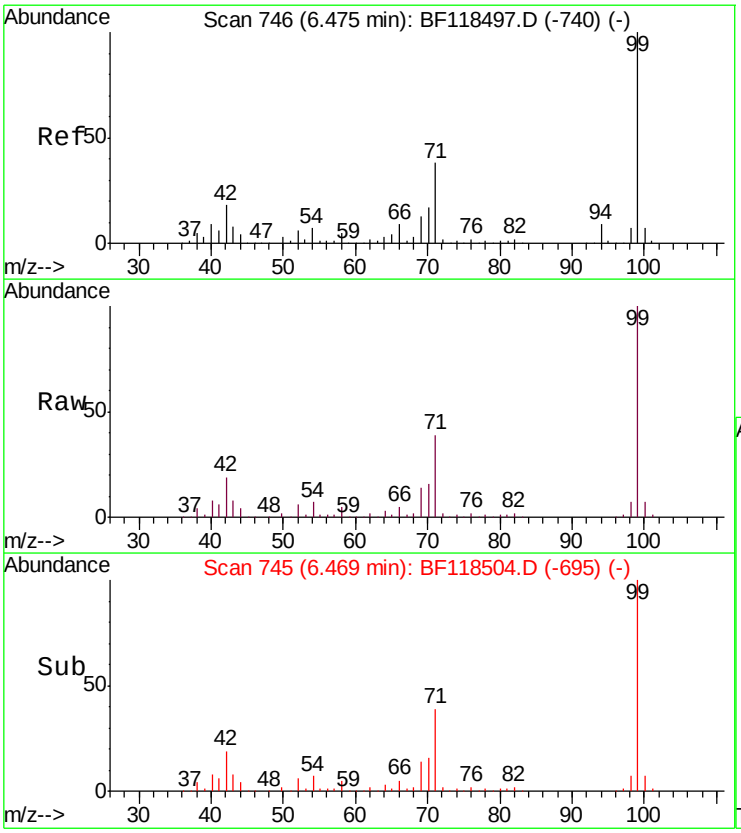
#6
Aniline
Concen: 0.127 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.11 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion: 93 Resp: 999

Ion	Ratio	Lower	Upper
93	100		
66	16529.8	33.4	50.0#
65	2005.4	16.7	25.1#

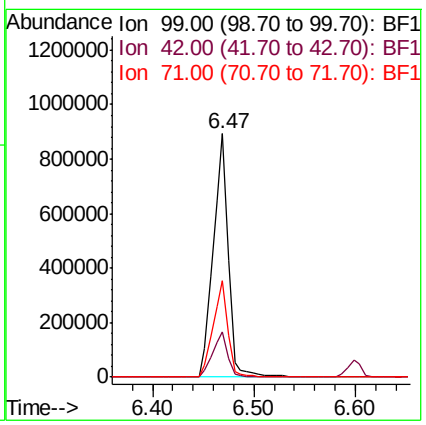


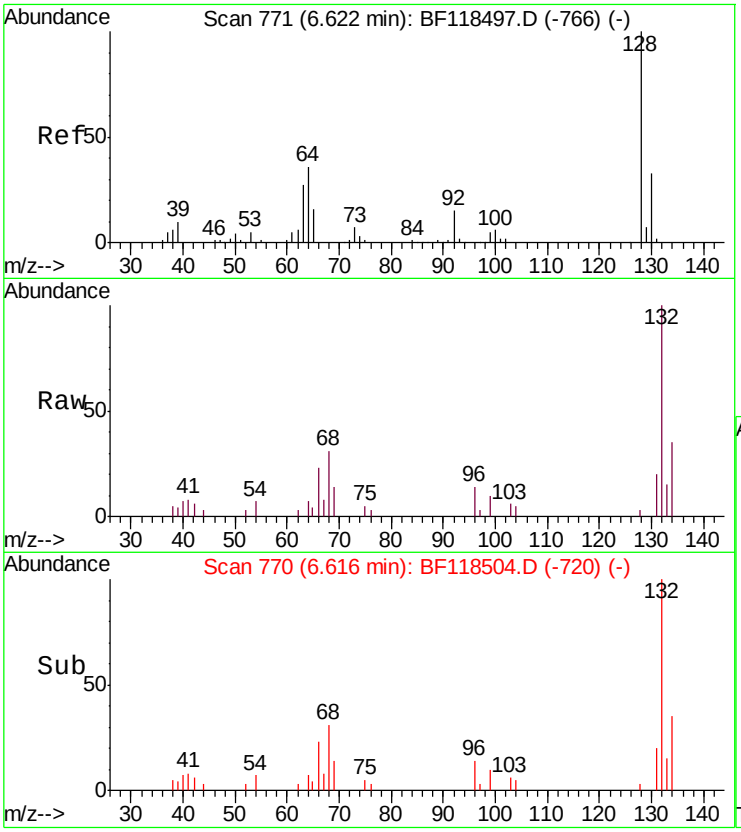


#7
Phenol-d6
Concen: 146.028 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 99 Resp: 924224

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.5	21.7
71	39.5	30.6	45.8



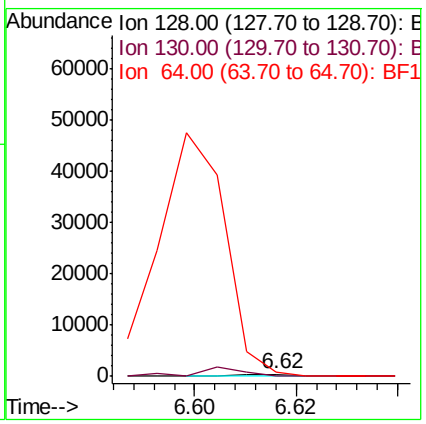


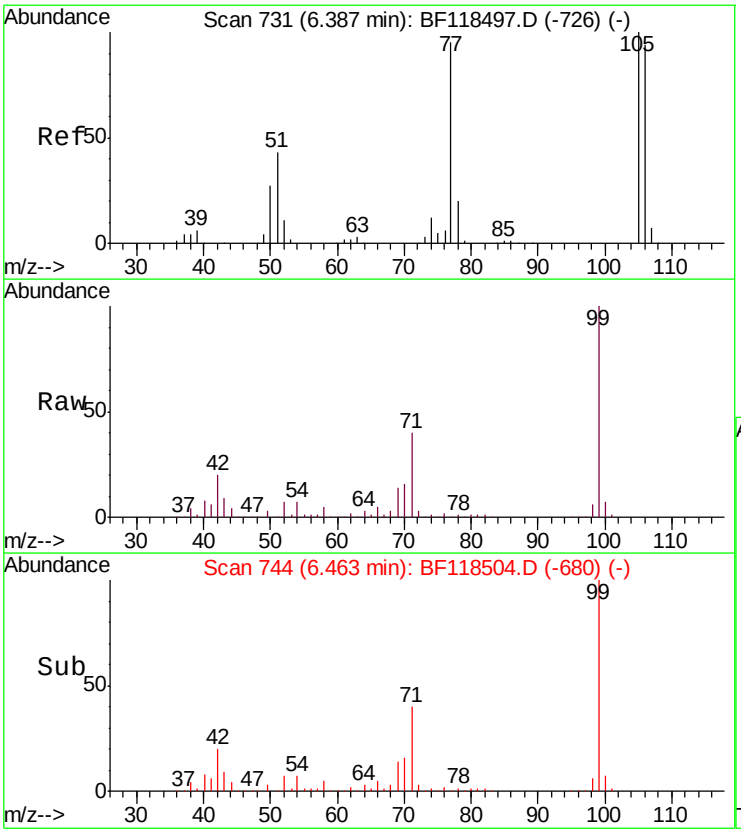
#8
2-Chlorophenol
Concen: 0.042 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:128 Resp: 243

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.7	52.7#
64	223.1	17.8	57.8#

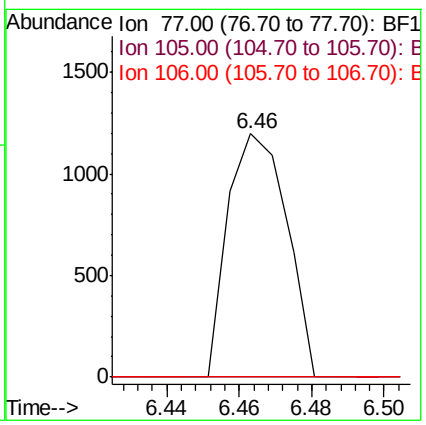


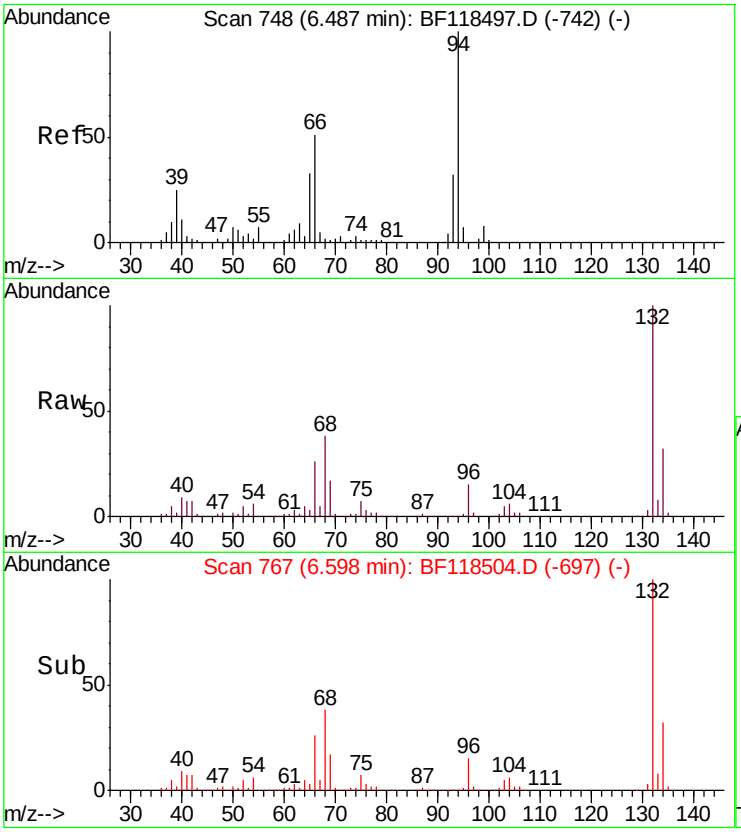


#9
Benzaldehyde
Concen: 0.382 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.08 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 77 Resp: 1346

Ion	Ratio	Lower	Upper
77	100		
105	0.0	85.4	125.4#
106	0.0	79.5	119.5#



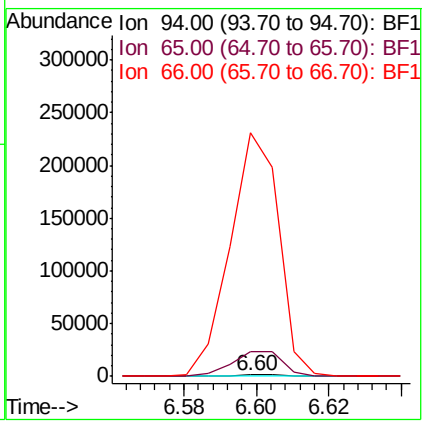


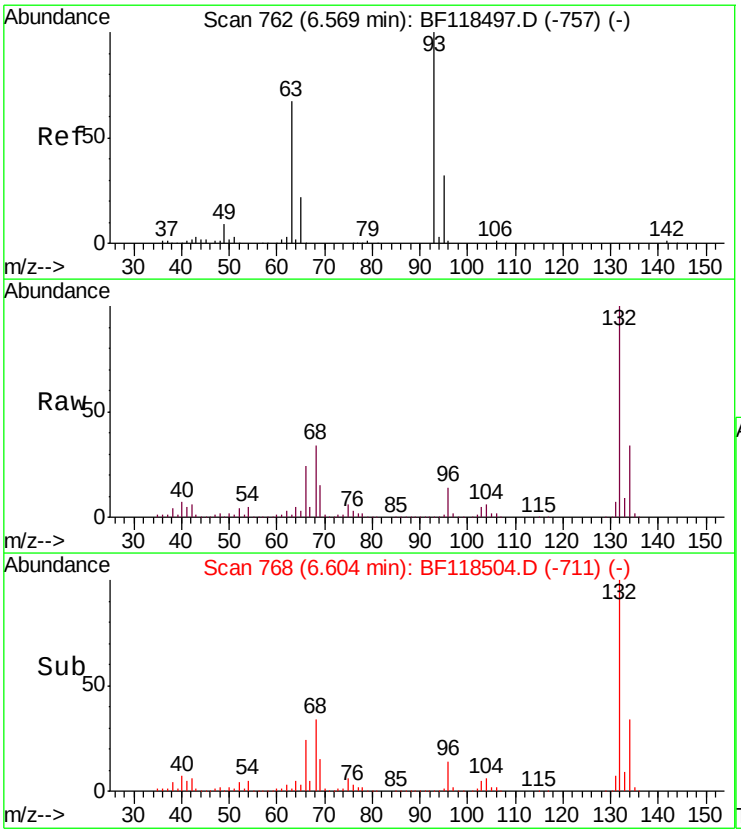
#10
Phenol
Concen: 0.218 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.11 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion: 94 Resp: 1530

Ion	Ratio	Lower	Upper
94	100		
65	1474.1	13.3	53.3#
66	14883.8	30.9	70.9#

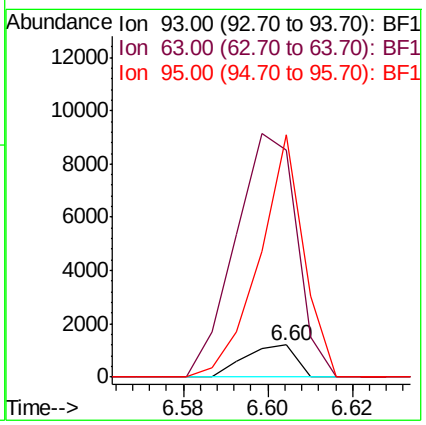


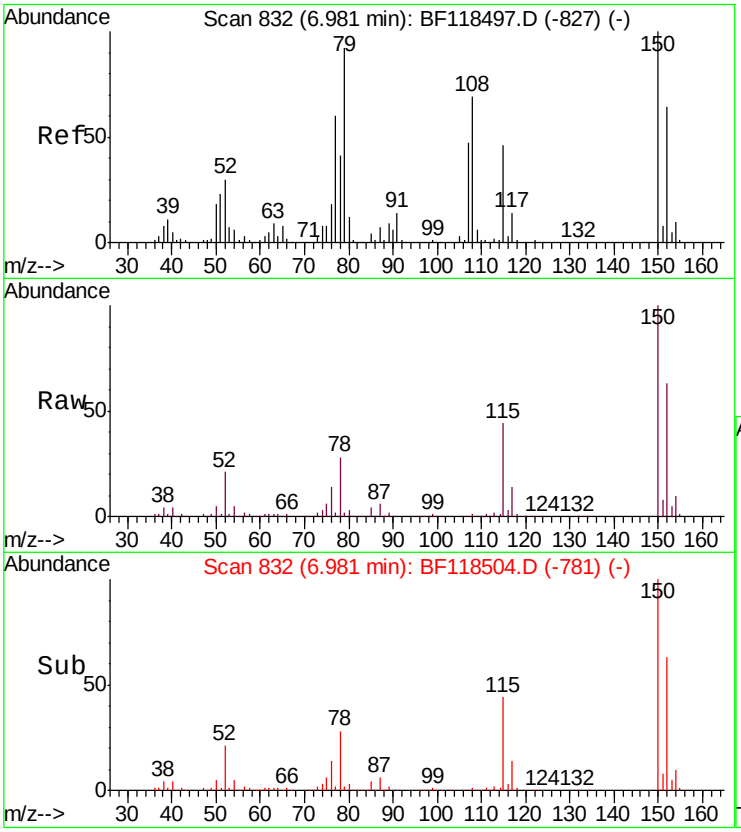


#11
bis(2-Chloroethyl)ether
Concen: 0.200 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.04 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 93 Resp: 999

Ion	Ratio	Lower	Upper
93	100		
63	712.0	46.6	86.6#
95	762.2	11.5	51.5#



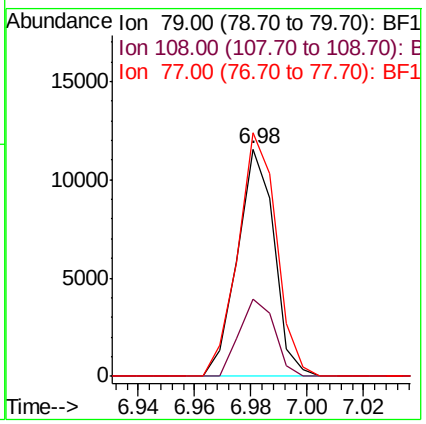


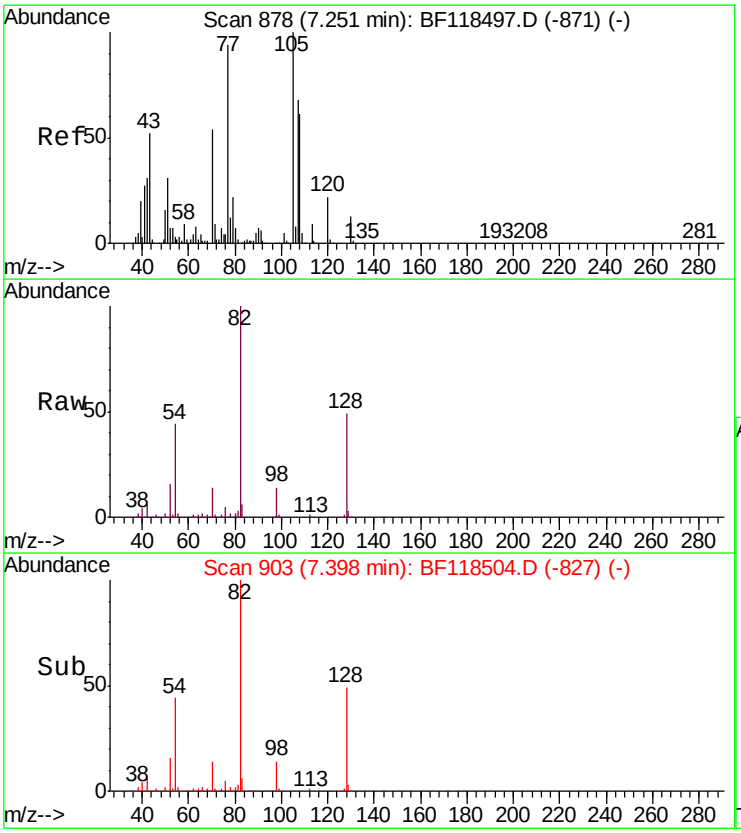
#15
Benzyl Alcohol
Concen: 2.027 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion: 79 Resp: 10407

Ion	Ratio	Lower	Upper
79	100		
108	34.1	60.2	90.2#
77	107.2	51.8	77.8#

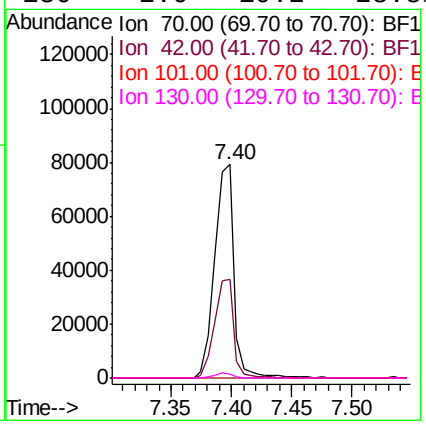


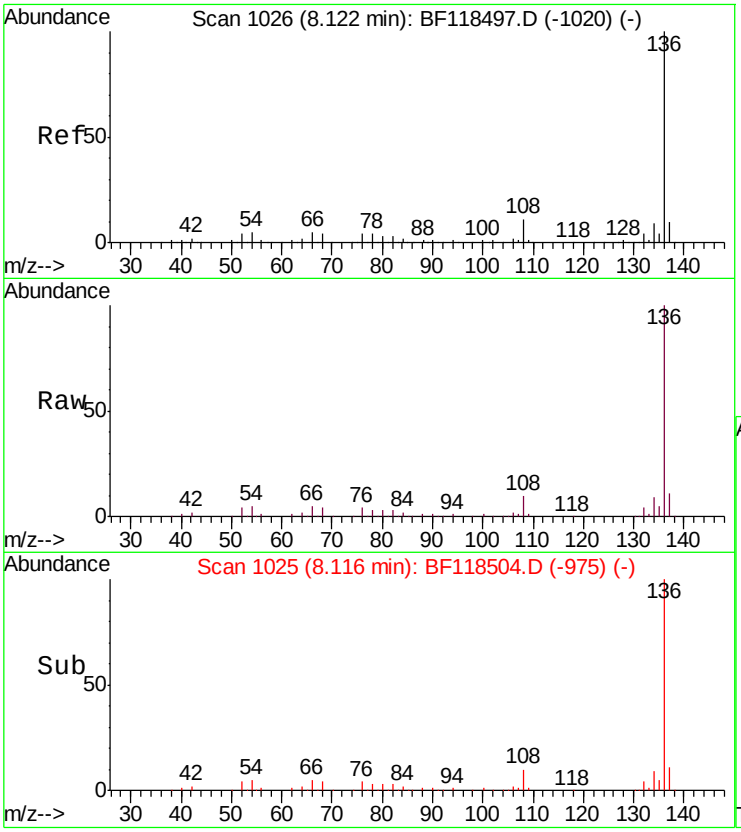


#19
n-Nitroso-di-n-propylamine
Concen: 21.246 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 70 Resp: 86607

Ion	Ratio	Lower	Upper
70	100		
42	45.9	45.6	68.4
101	0.0	8.2	12.2#
130	2.0	19.2	28.8#



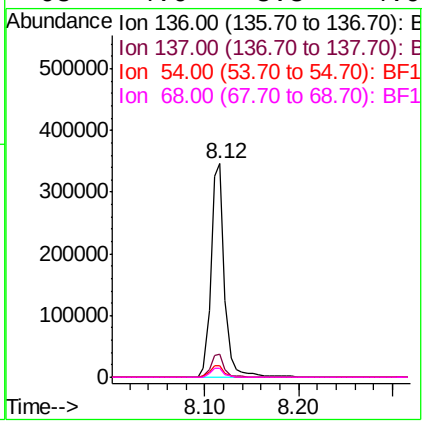


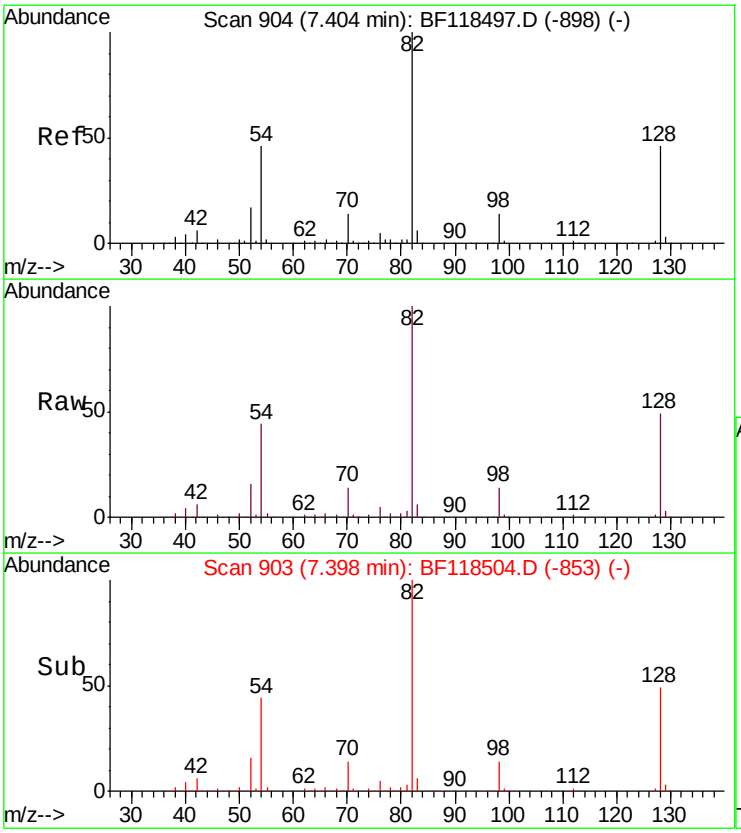
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:136 Resp: 355123

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	5.1	4.2	6.2
68	4.0	3.3	4.9

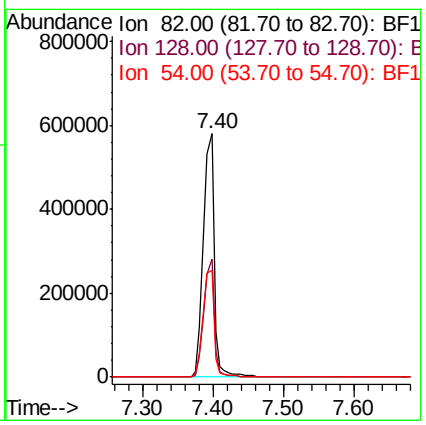


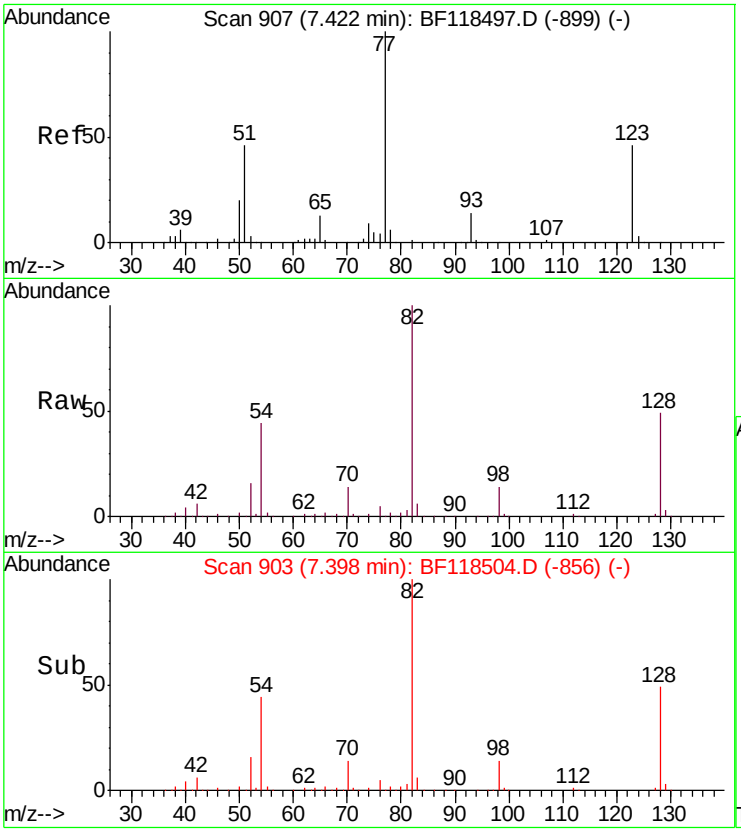


#23
Nitrobenzene-d5
Concen: 92.417 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 82 Resp: 624758

Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.6	54.8
54	43.6	37.0	55.6



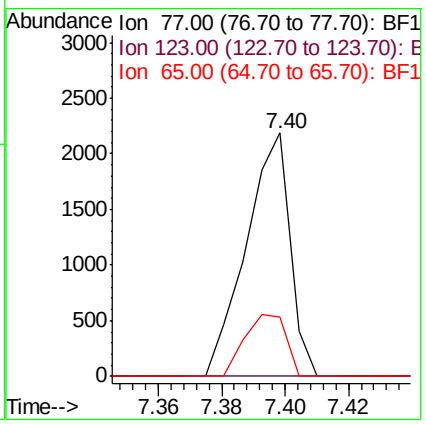


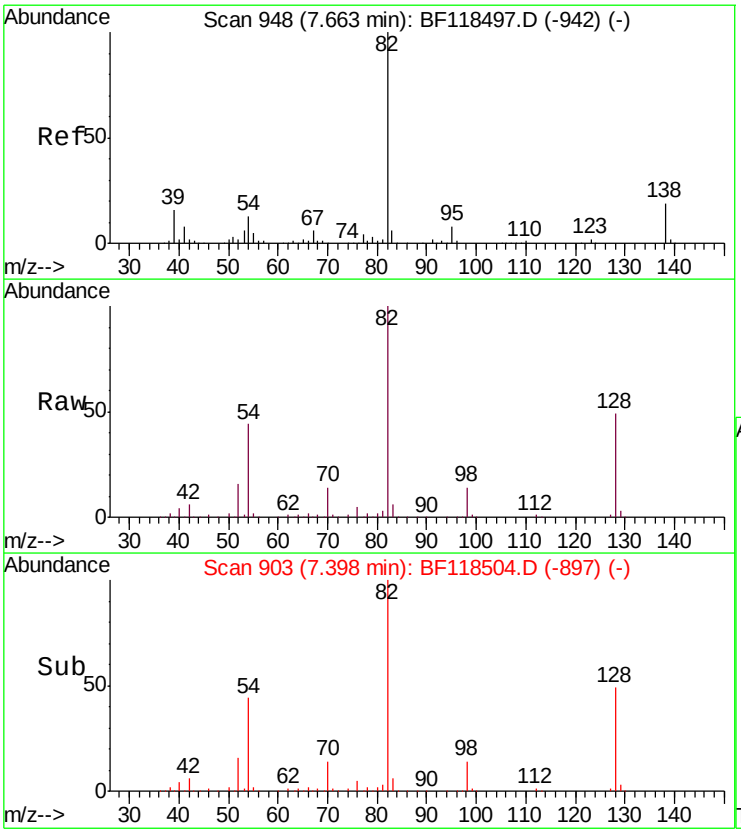
#24
Nitrobenzene
Concen: 0.312 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion: 77 Resp: 2094

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.0	55.4#
65	24.5	10.7	16.1#

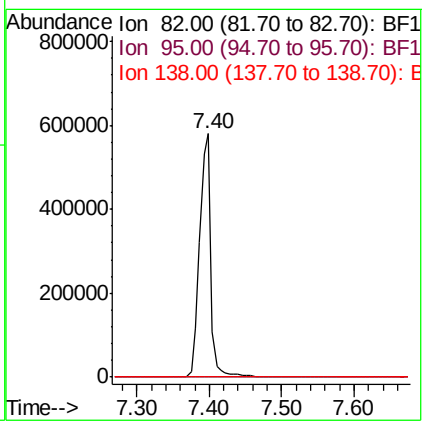


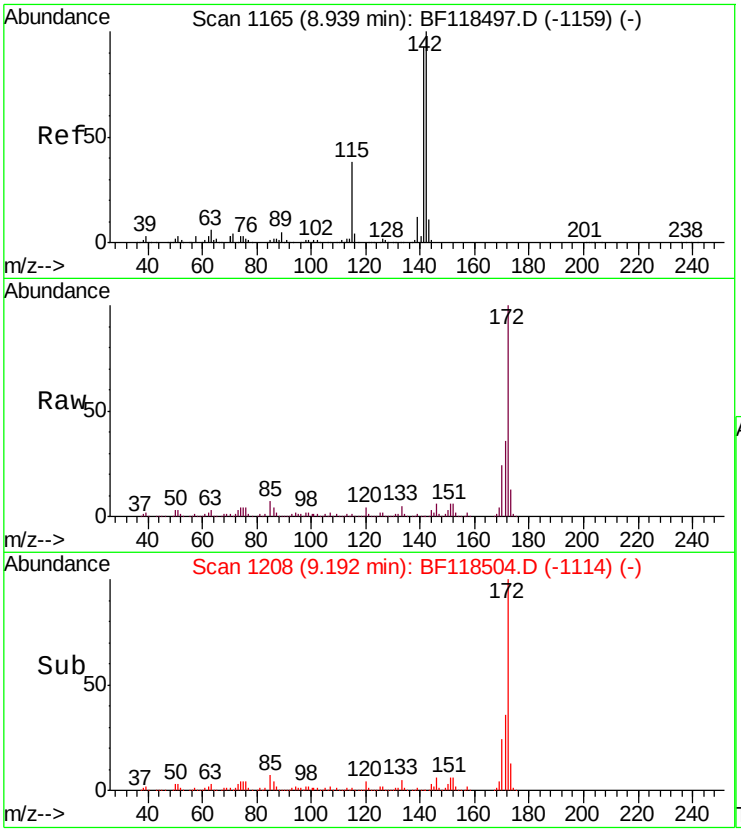


#25
Isophorone
Concen: 57.687 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.26 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 82 Resp: 624754

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	15.4	23.2#



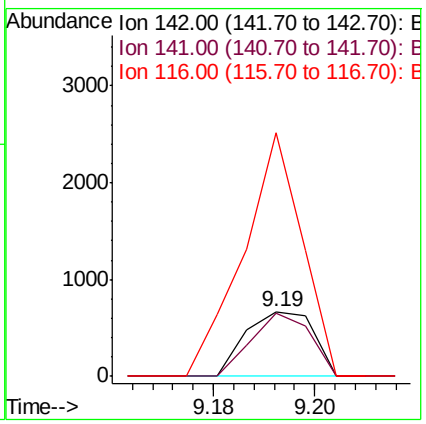


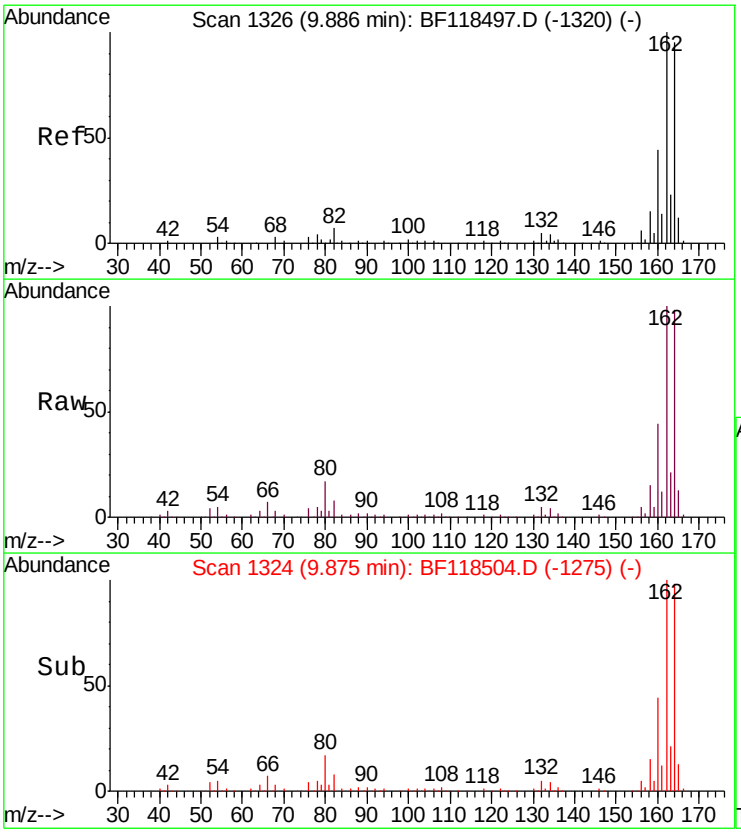
#38
1-Methylnaphthalene
Concen: 0.052 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.25 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:142 Resp: 627

Ion	Ratio	Lower	Upper
142	100		
141	97.5	74.3	111.5
116	375.8	3.2	4.8#

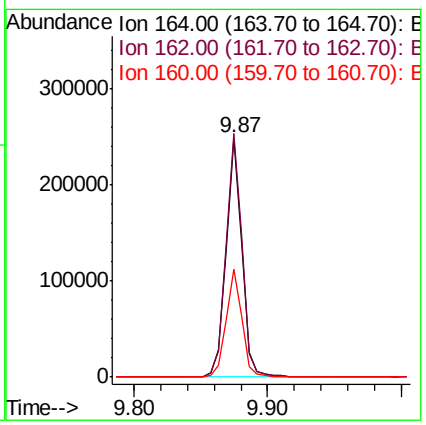


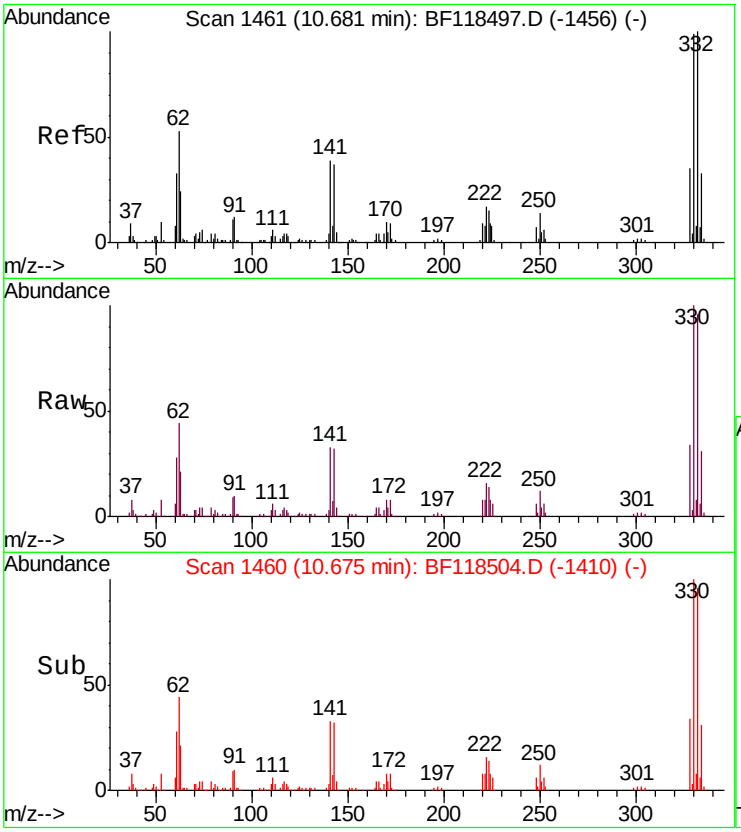


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:164 Resp: 209651

Ion	Ratio	Lower	Upper
164	100		
162	101.8	84.2	126.4
160	45.1	36.8	55.2



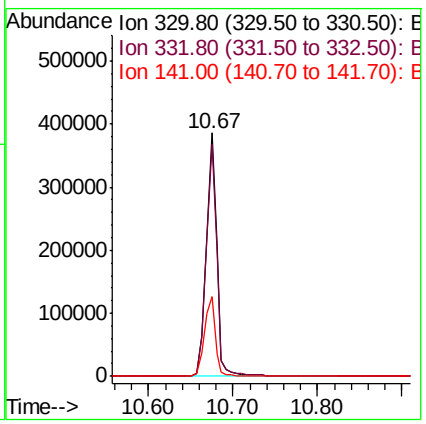


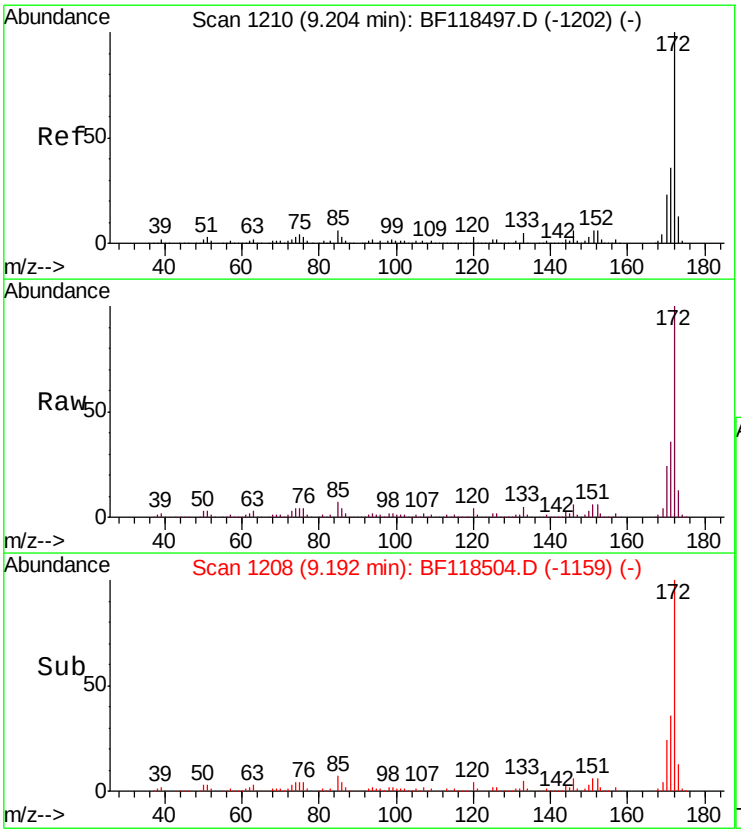
#42
2,4,6-Tribromophenol
Concen: 136.429 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:330 Resp: 337504

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	33.9	28.6	43.0

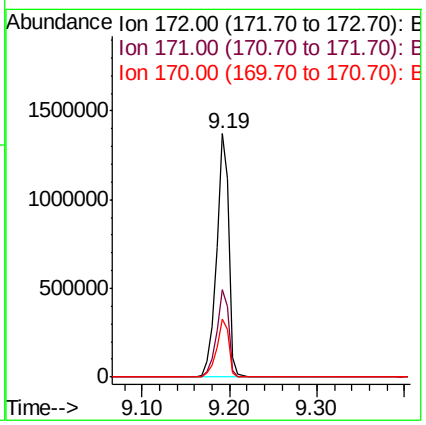


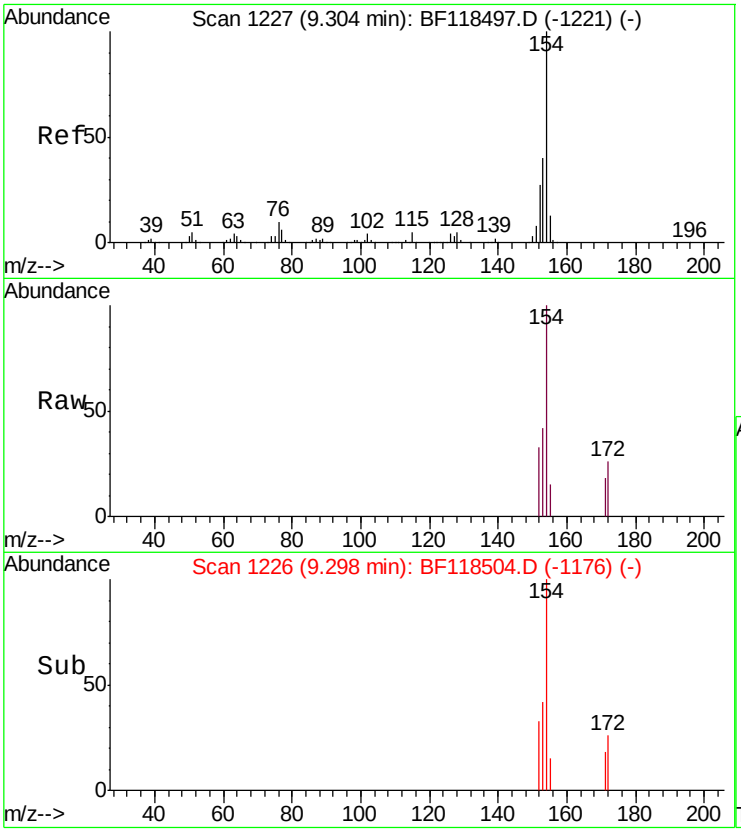


#45
2-Fluorobiphenyl
Concen: 91.436 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:172 Resp: 1336613

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.8	18.6	27.8



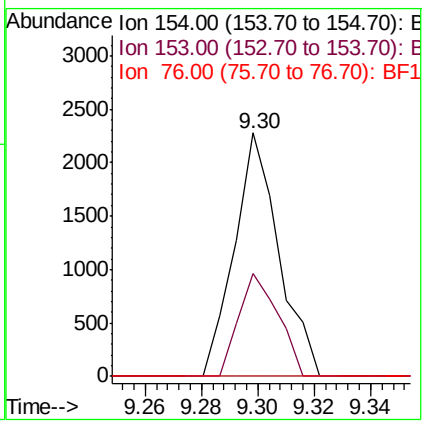


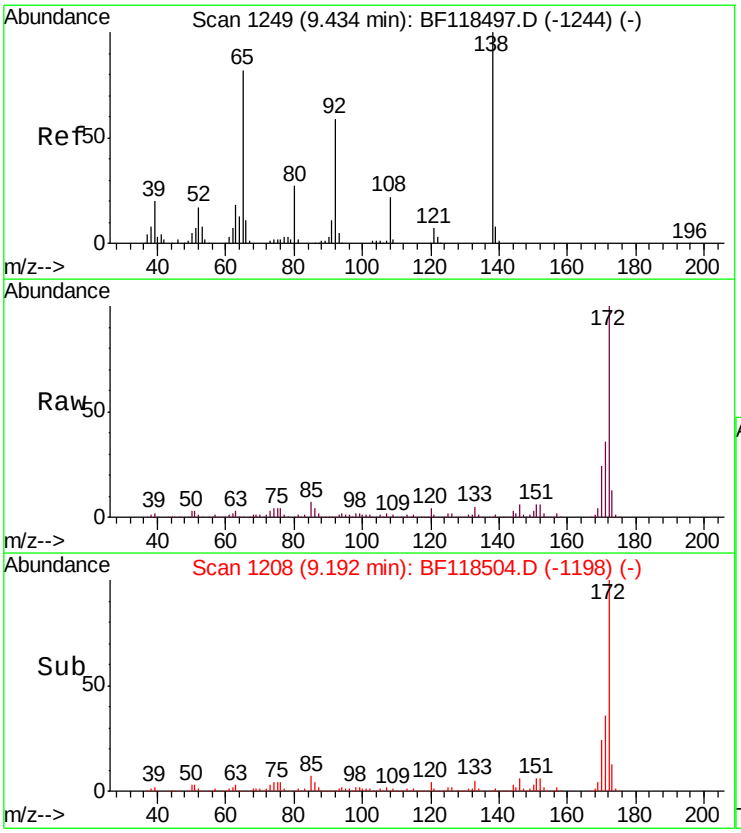
#46
1,1'-Biphenyl
Concen: 0.145 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:154 Resp: 2478

Ion	Ratio	Lower	Upper
154	100		
153	42.2	20.2	60.2
76	0.0	0.0	30.4

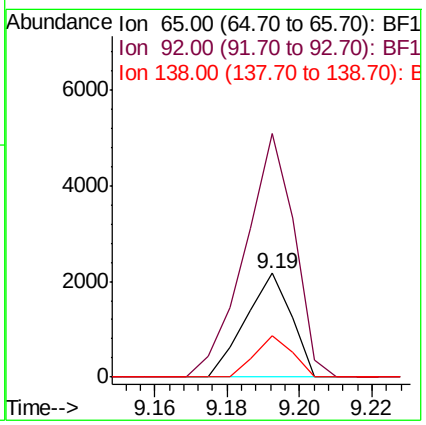


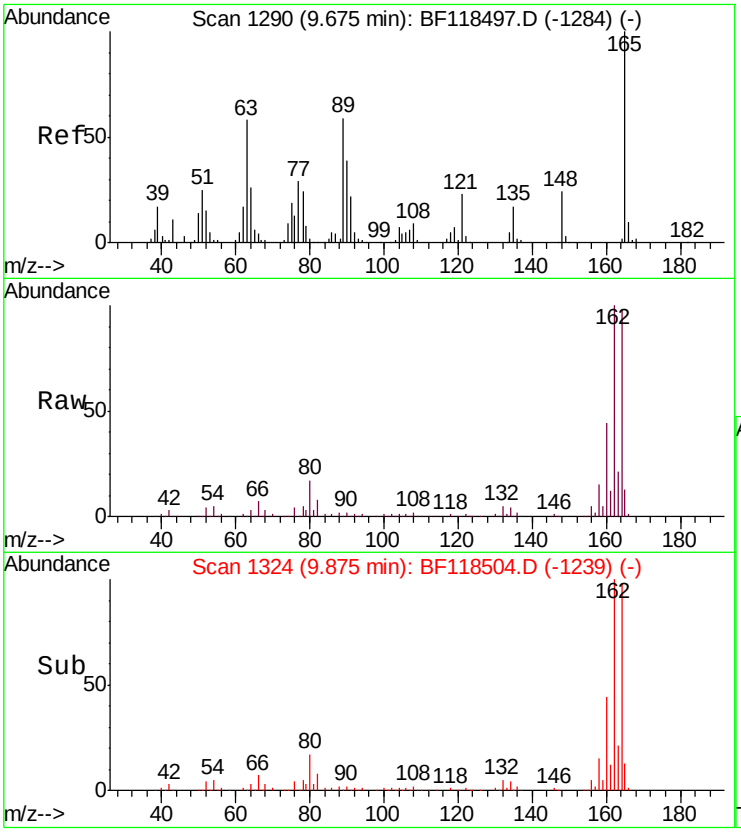


#48
2-Nitroaniline
Concen: 0.491 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.24 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion: 65 Resp: 1924

Ion	Ratio	Lower	Upper
65	100		
92	234.4	57.7	86.5#
138	40.2	97.2	145.8#



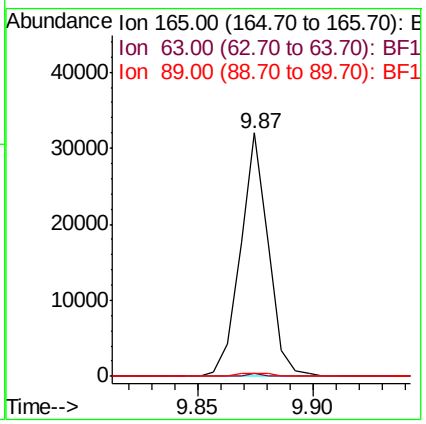


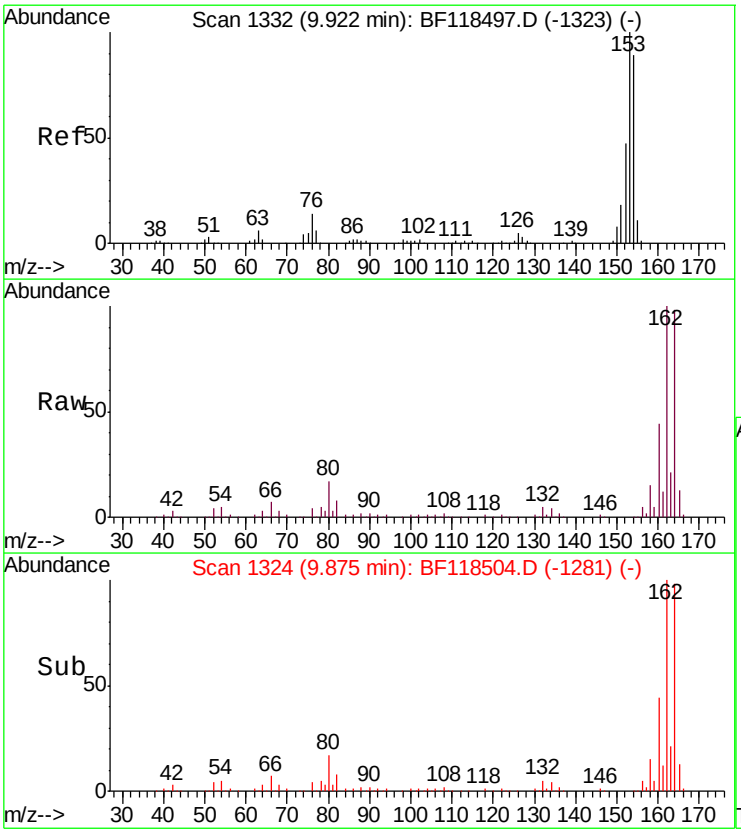
#51
2,6-Dinitrotoluene
Concen: 7.758 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.20 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:165 Resp: 26884

Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.6	70.0#
89	1.2	47.5	71.3#

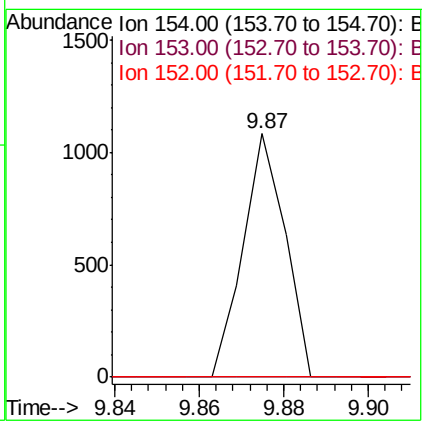


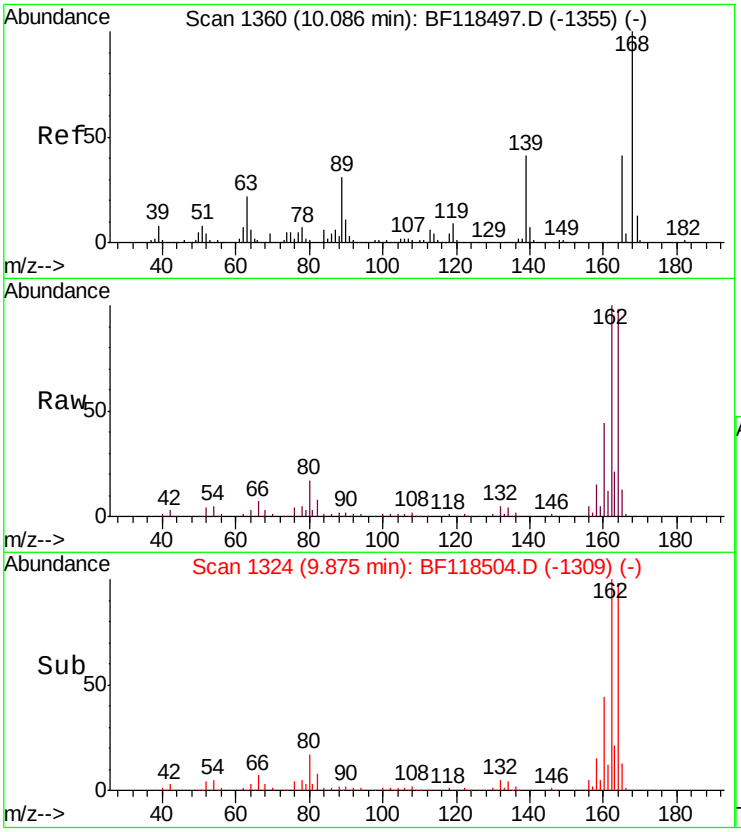


#52
Acenaphthene
Concen: 0.061 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.05 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:154 Resp: 750

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.7	134.5#
152	0.0	41.9	62.9#



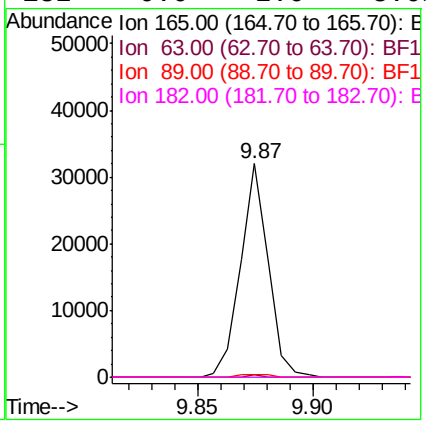


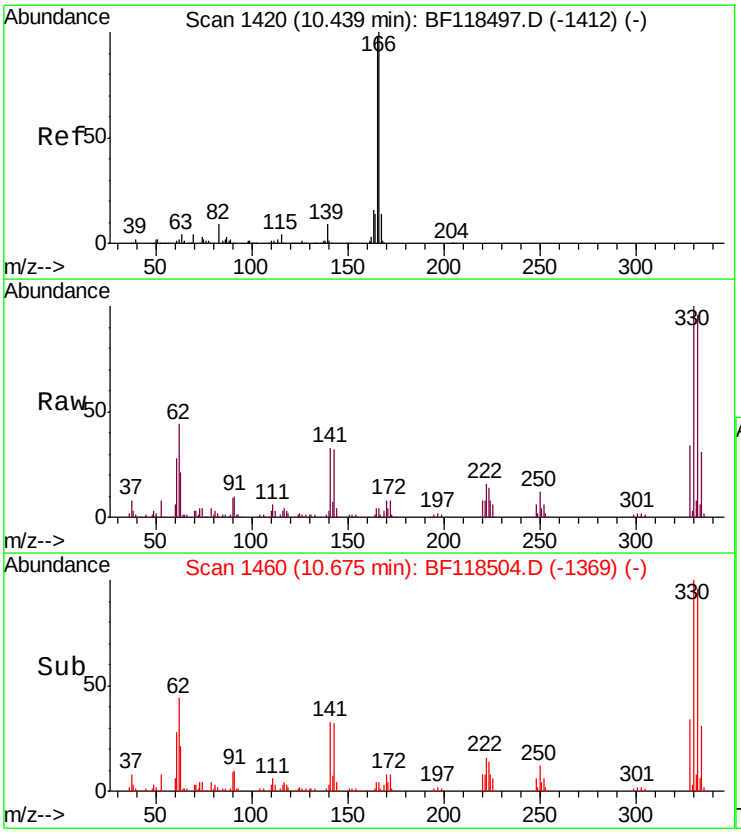
#57
2,4-Dinitrotoluene
Concen: 5.794 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.21 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:165 Resp: 26884

Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.1	66.1#
89	1.2	60.4	90.6#
182	0.0	2.0	3.0#

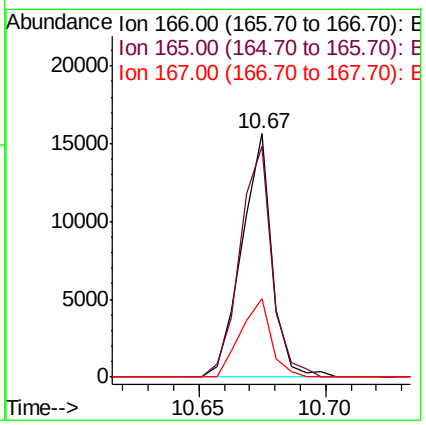


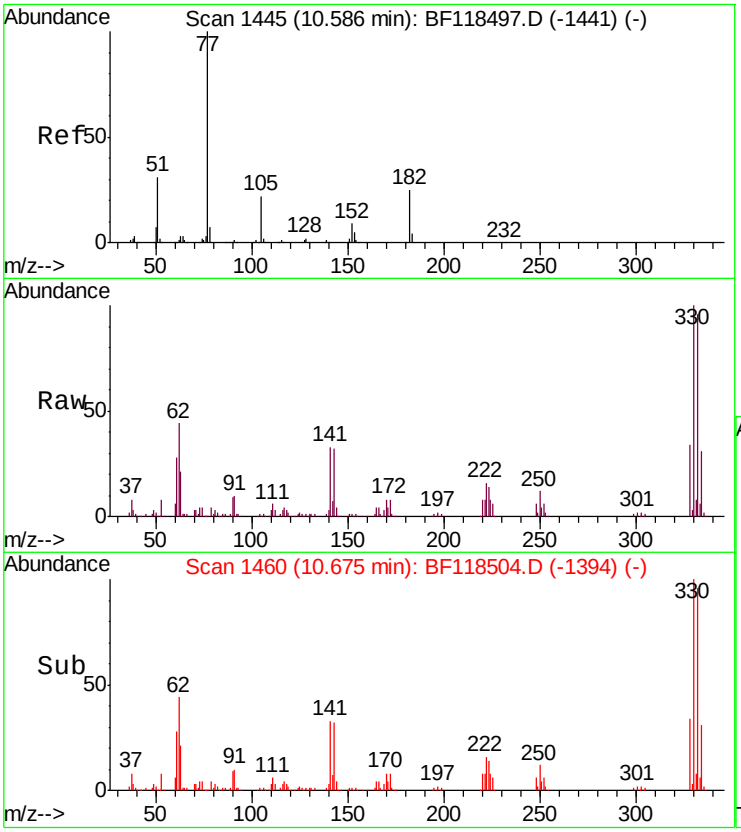


#58
Fluorene
Concen: 0.869 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.24 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:166 Resp: 12931

Ion	Ratio	Lower	Upper
166	100		
165	94.9	78.6	117.8
167	32.3	10.8	16.2#



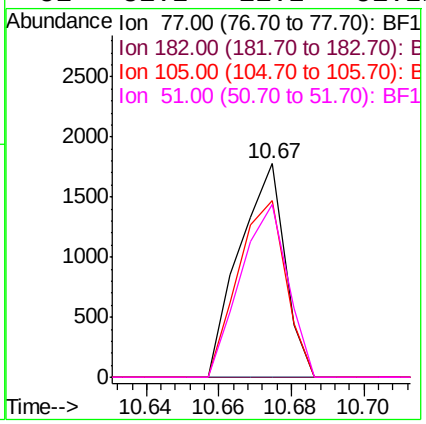


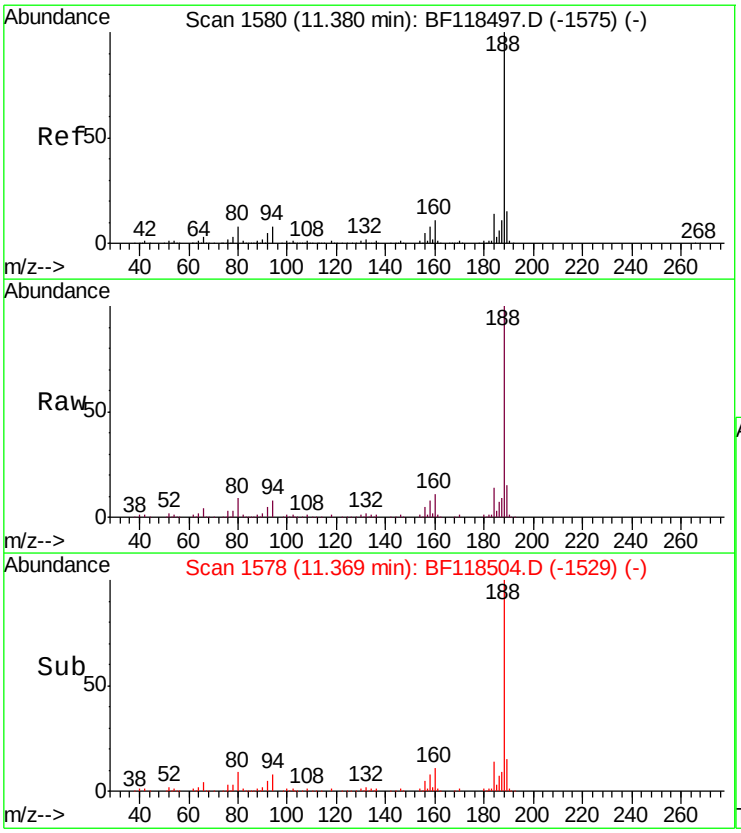
#63
Azobenzene
Concen: 0.112 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.09 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion: 77 Resp: 1553

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.2	45.2#
105	82.8	1.7	41.7#
51	81.2	11.2	51.2#

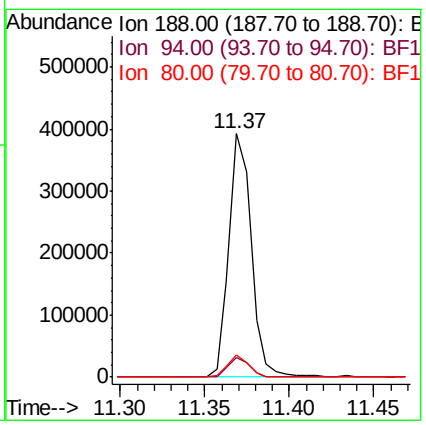


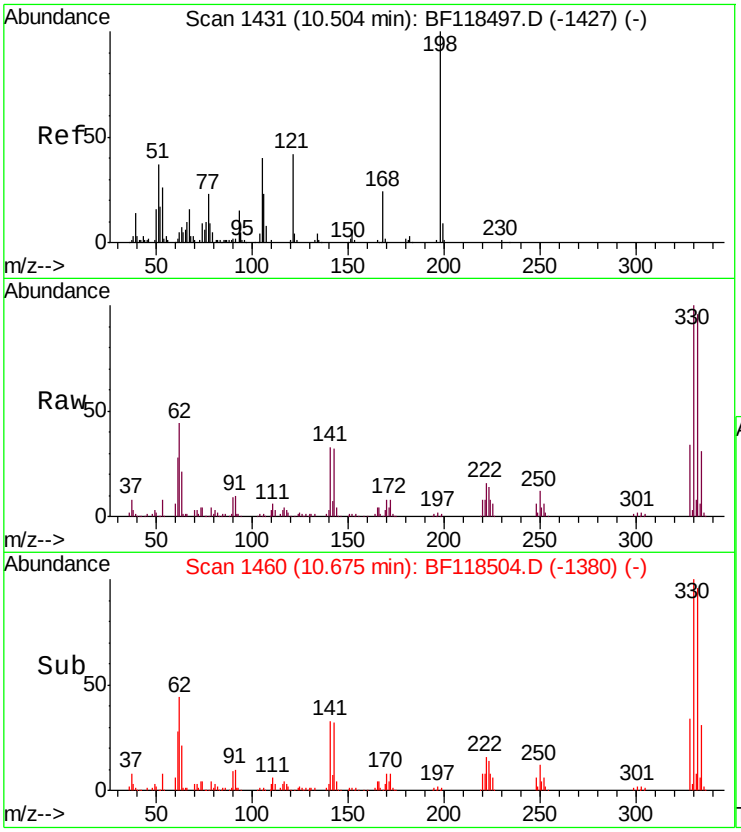


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:188 Resp: 362398

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.2	9.4
80	9.0	6.6	10.0



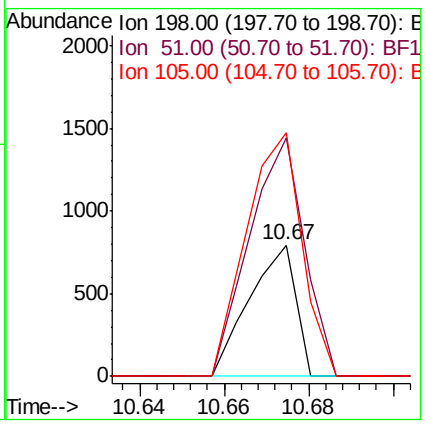


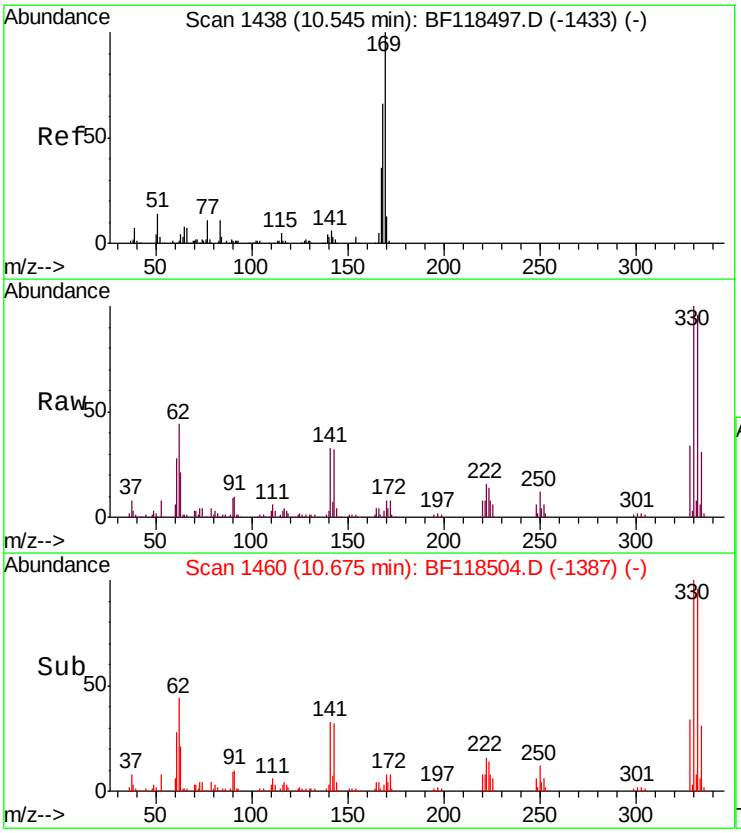
#65
4,6-Dinitro-2-methylphenol
Concen: 0.319 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.17 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:198 Resp: 611

Ion	Ratio	Lower	Upper
198	100		
51	181.3	17.8	57.8#
105	185.1	20.1	60.1#

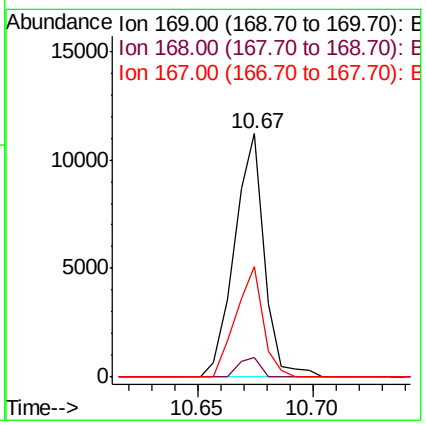


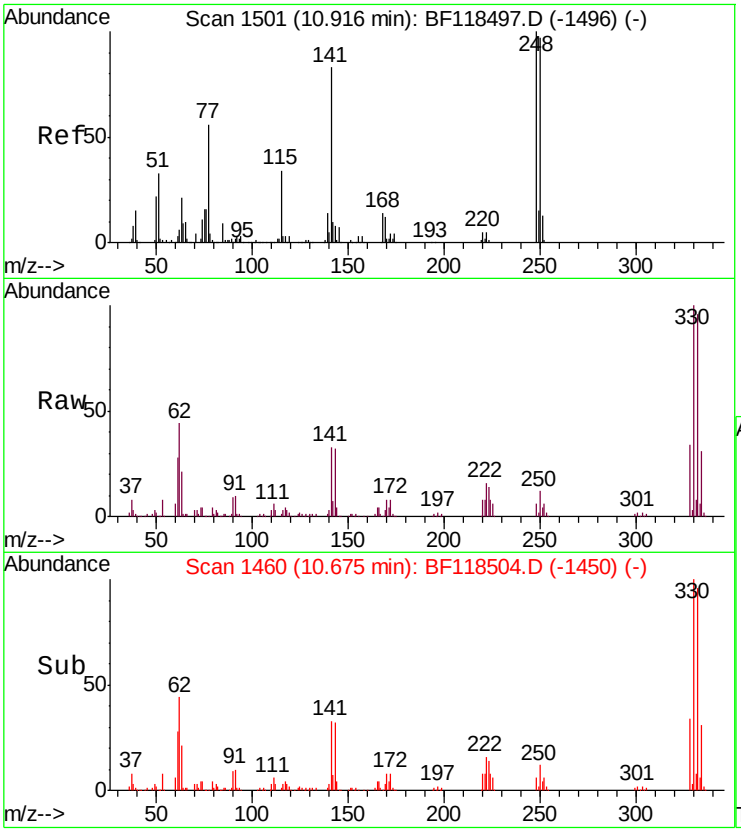


#66
n-Nitrosodiphenylamine
Concen: 0.856 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.13 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:169 Resp: 10101

Ion	Ratio	Lower	Upper
169	100		
168	8.1	53.4	80.2#
167	45.1	28.9	43.3#



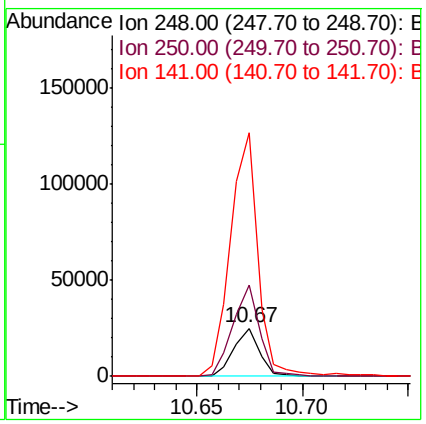


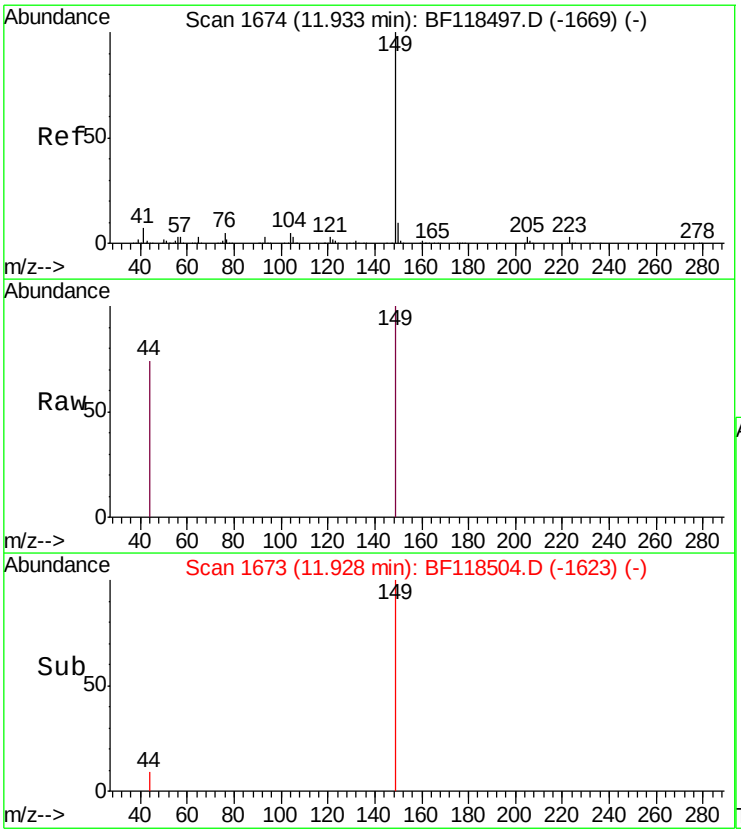
#67
4-Bromophenyl-phenylether
Concen: 4.952 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:248 Resp: 21020

Ion	Ratio	Lower	Upper
248	100		
250	190.4	77.4	116.0#
141	509.9	66.2	99.4#

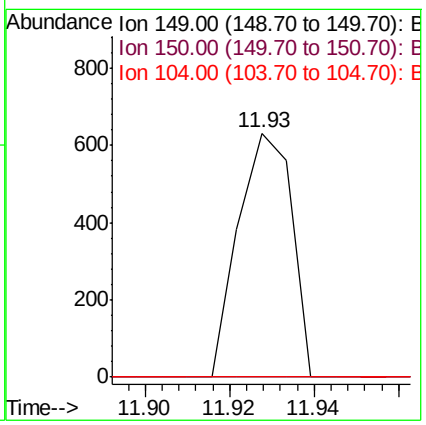


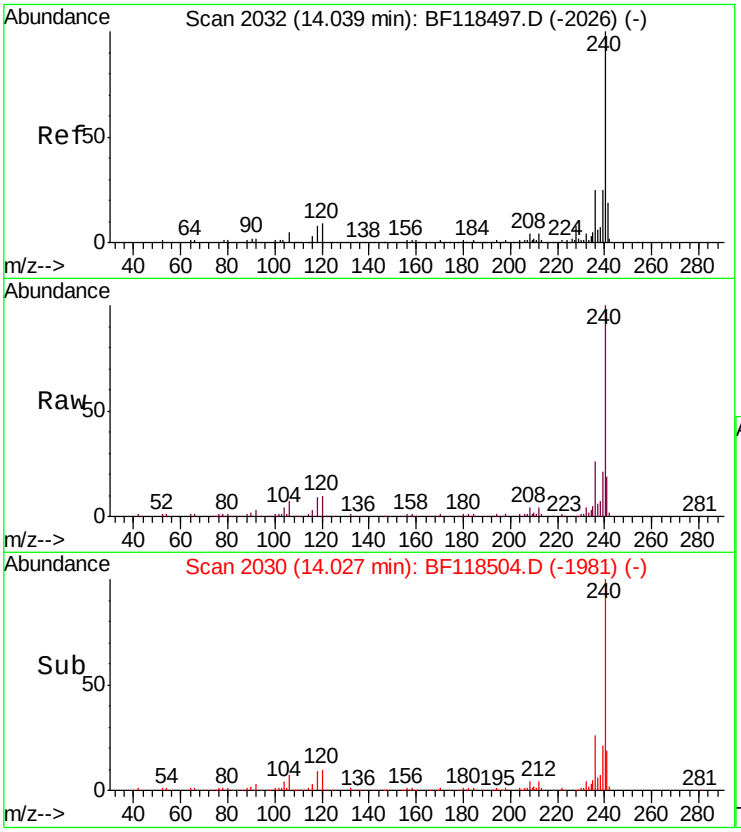


#74
Di-n-butylphthalate
Concen: 0.024 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:149 Resp: 556

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	4.2	6.4#



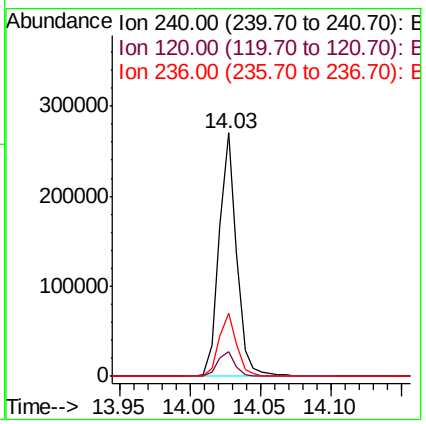


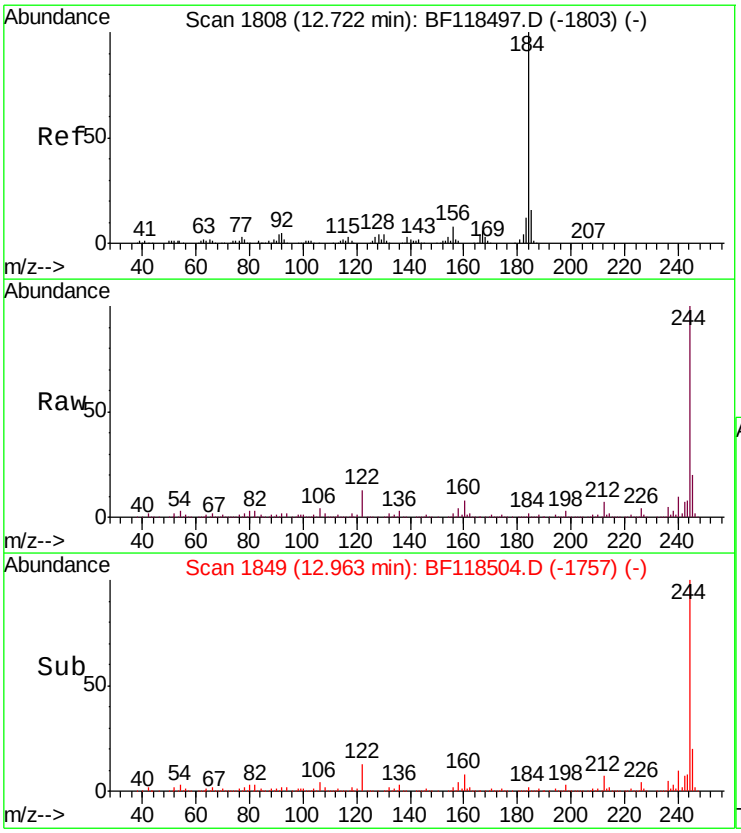
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:240 Resp: 233663

Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.0	10.6
236	26.1	20.1	30.1

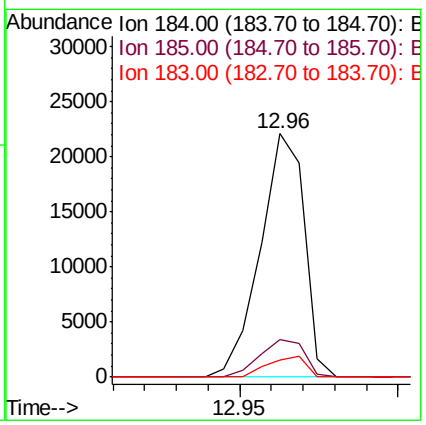


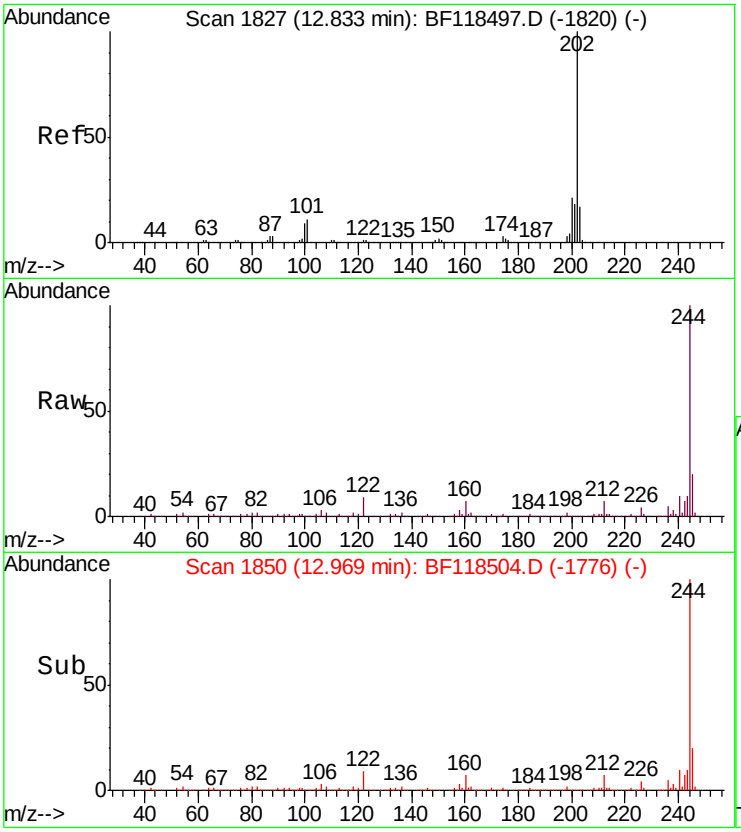


#77
Benzidine
Concen: Below Cal
RT: 12.96 min Scan# 1849
Delta R.T. 0.24 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:184 Resp: 21384

Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.6	18.8
183	6.9	9.3	13.9#



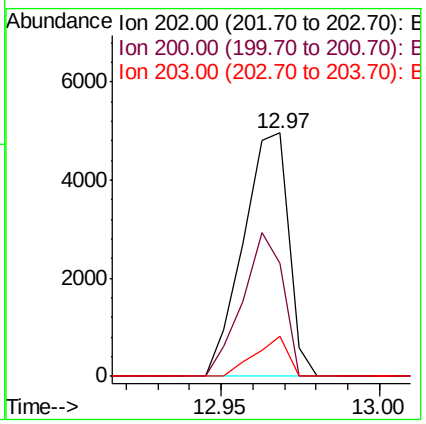


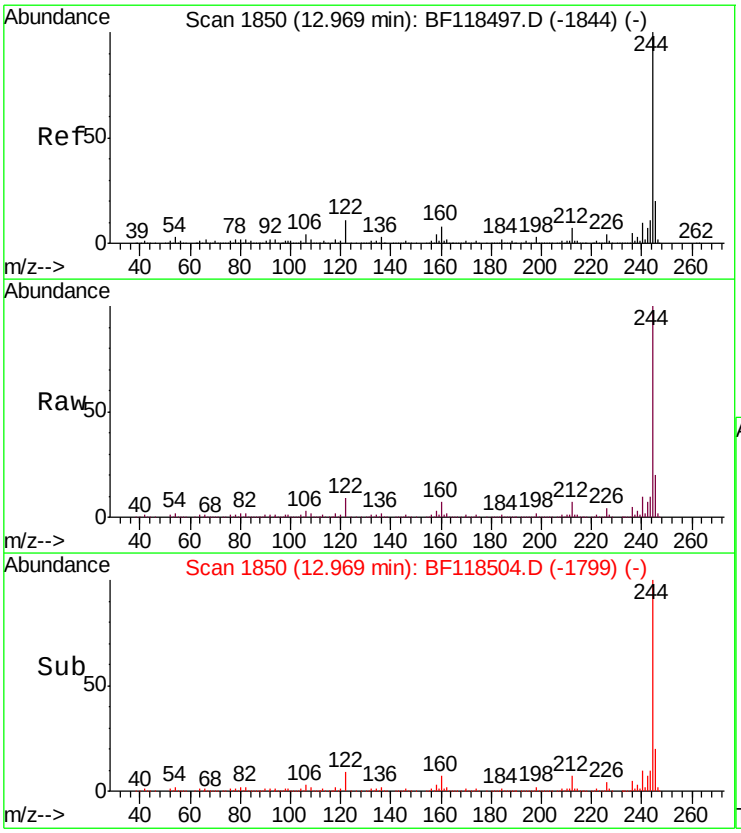
#78
Pyrene
Concen: 0.257 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.14 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:202 Resp: 4942

Ion	Ratio	Lower	Upper
202	100		
200	46.3	16.9	25.3#
203	16.7	13.9	20.9

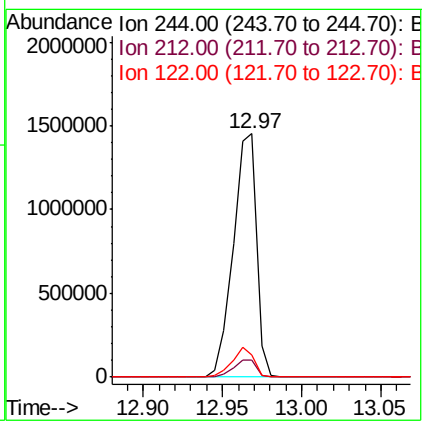


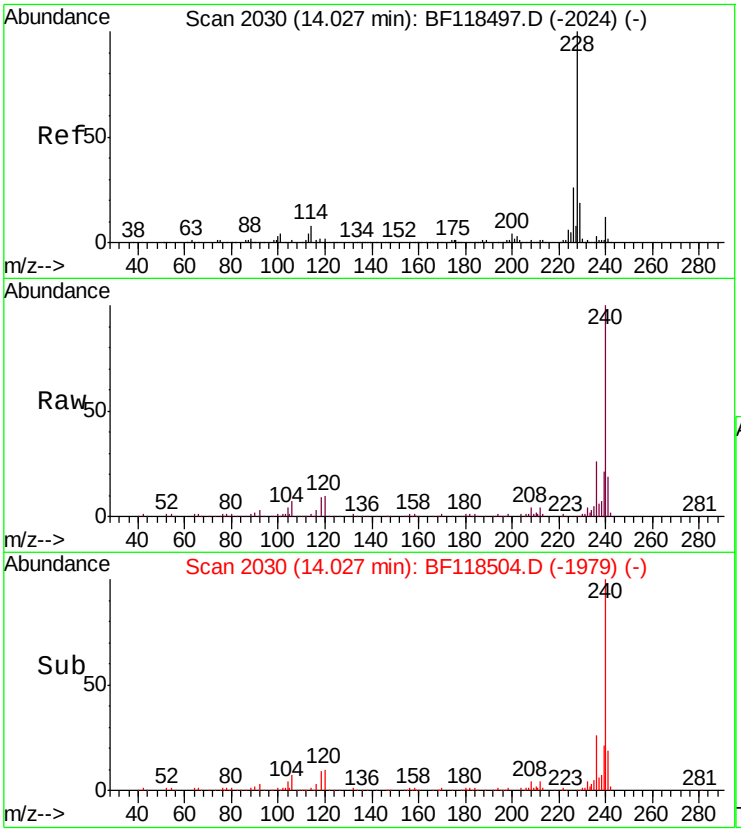


#79
Terphenyl-d14
Concen: 100.011 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:244 Resp: 1474665

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	8.9	9.0	13.6#



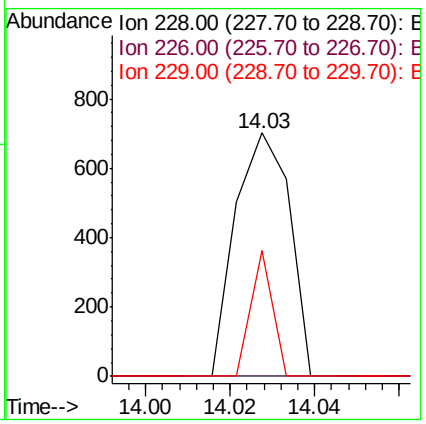


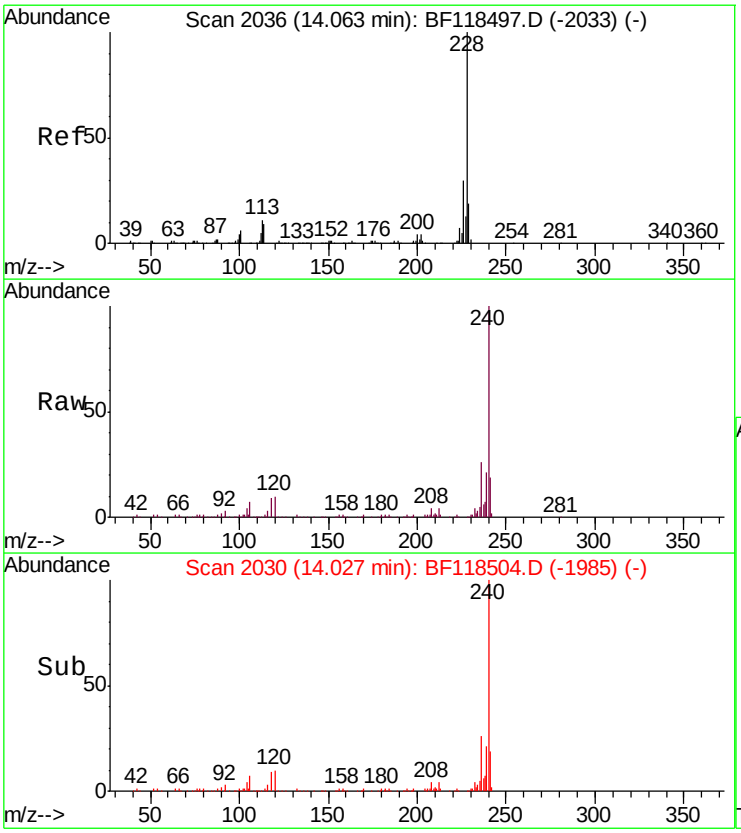
#81
Benzo(a)anthracene
Concen: 0.038 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:228 Resp: 626

Ion	Ratio	Lower	Upper
228	100		
226	0.0	20.7	31.1#
229	51.7	15.4	23.2#

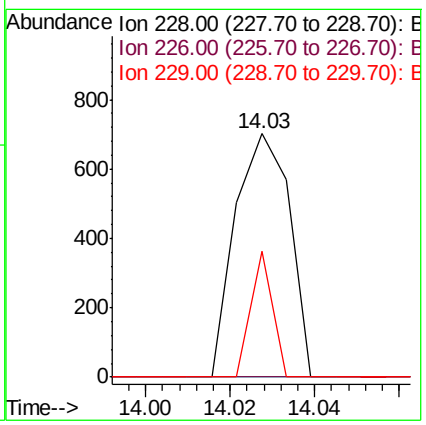


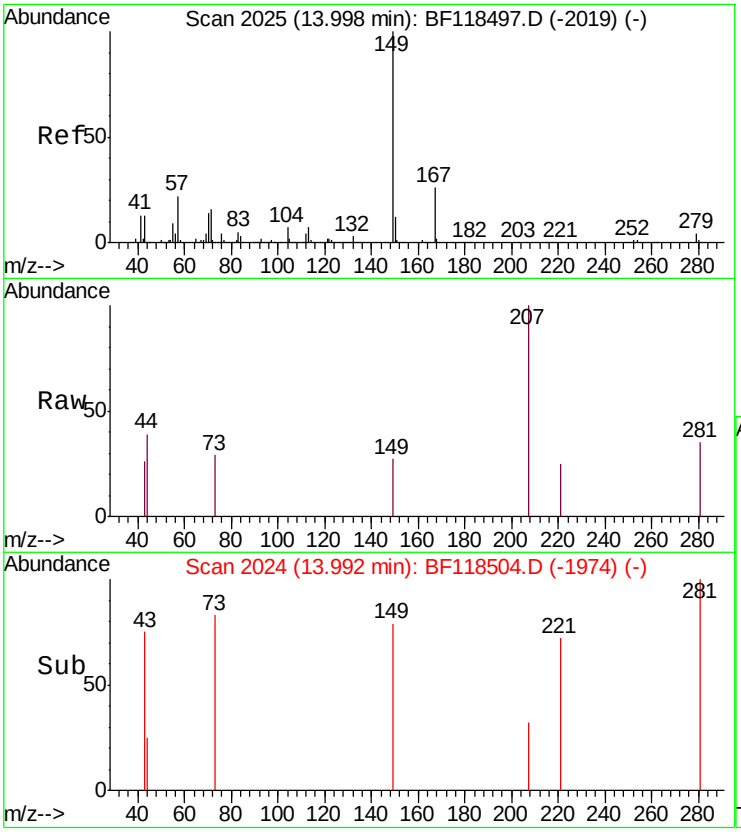


#83
Chrysene
Concen: 0.039 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.04 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:228 Resp: 626

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.6	35.4#
229	51.7	15.6	23.4#



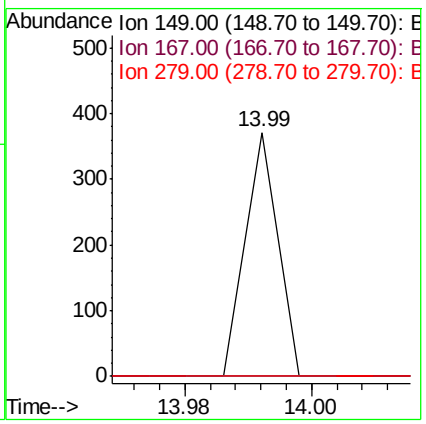


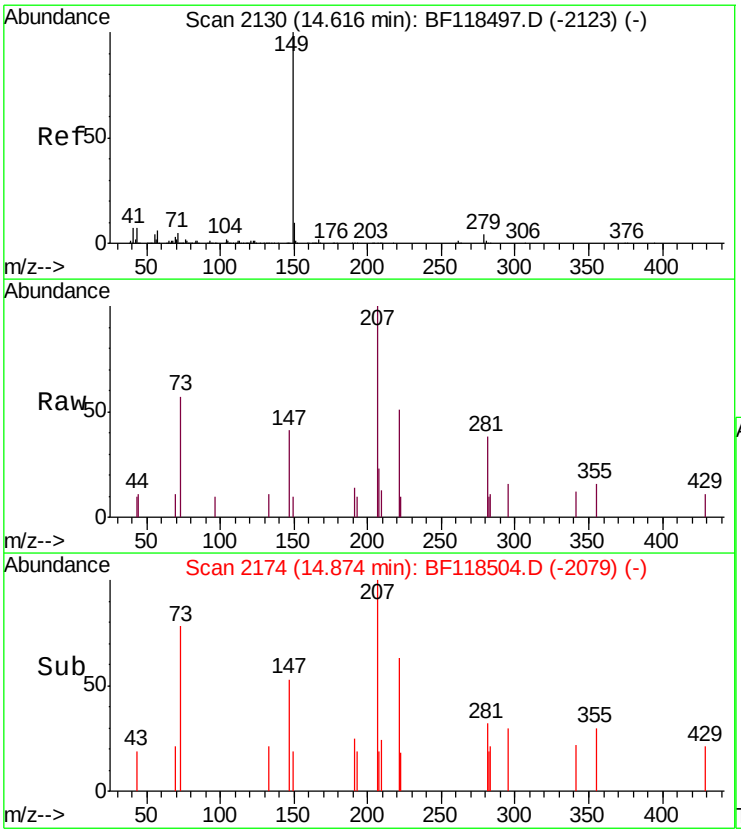
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.011 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:149 Resp: 131

Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.6	30.8#
279	0.0	3.1	4.7#

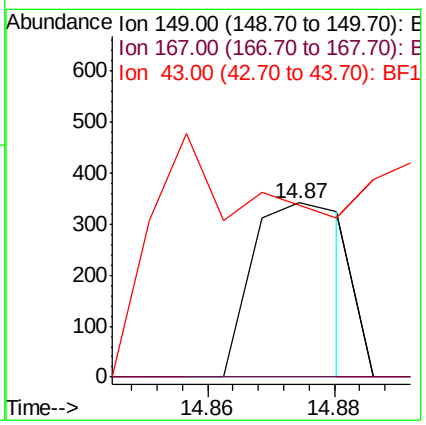


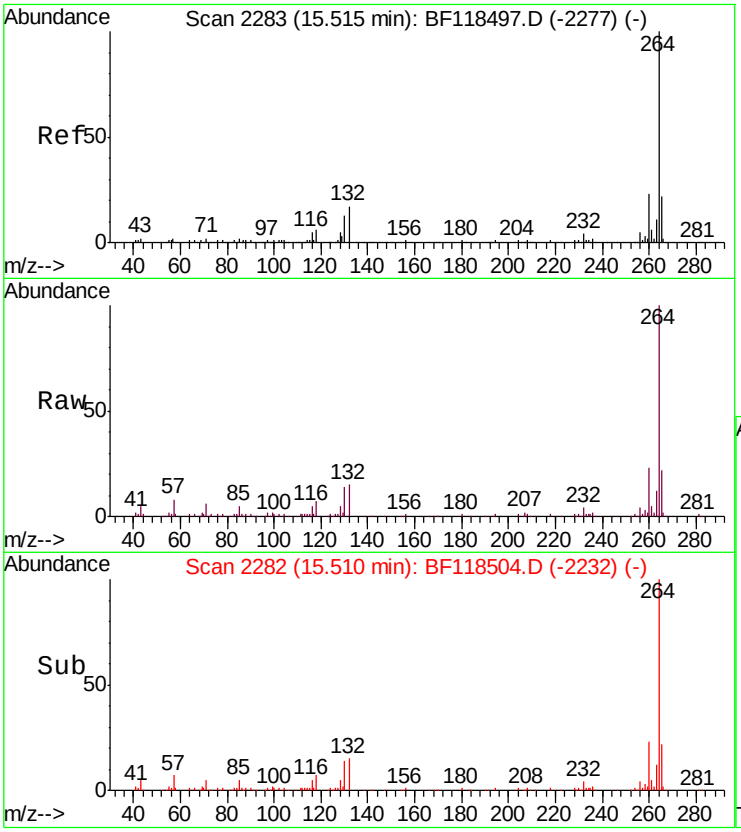


#85
Di-n-octyl phthalate
Concen: 0.020 ng
RT: 14.87 min Scan# 2174
Delta R.T. 0.26 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:149 Resp: 345

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	183.2	6.4	9.6#



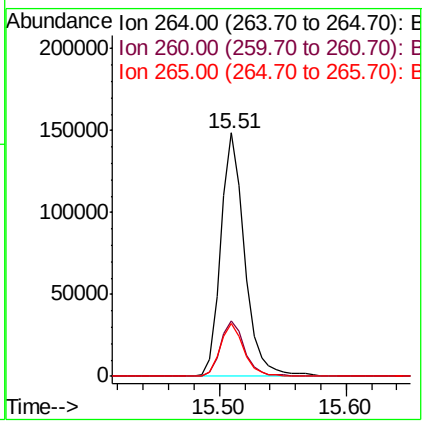


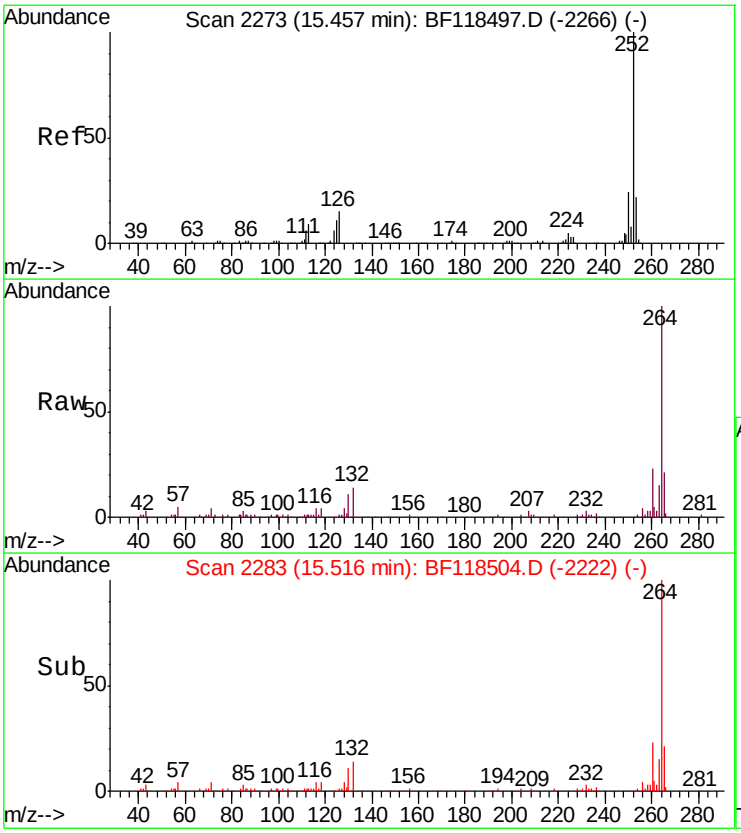
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Instrument :
BNA_F
ClientSampleId :
PB125777BL

Tgt Ion:264 Resp: 195054

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	21.8	17.5	26.3





#90
Benzo(a)pyrene
Concen: 0.043 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.06 min
Lab File: BF118504.D
Acq: 8 Jan 2020 17:39

Tgt Ion:252 Resp: 501

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.7	26.5#
125	64.7	9.0	13.6#