Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 11 01:21:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	184617	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	710113	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	374707	20.00	ng		0.00
64) Phenanthrene-d10	11.28	188	667638	20.00	ng		0.00
76) Chrysene-d12	13.92	240	438737	20.00	ng		0.00
87) Perylene-d12	15.36	264	362992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	754572	70.63	ng		0.00
7) Phenol-d6	6.38	99	594107	43.16	ng		-0.01
23) Nitrobenzene-d5	7.32	82	1316721	95.93	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	606290	132.16	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2368069	89.73	ng		0.00
79) Terphenyl-d14	12.87	244	2258330	86.61	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	1073	Below Cal		#	1
15) Benzyl Alcohol	6.91	79	22774	2.130	ng	#	47
18) Hexachloroethane	7.29	117	34996	7.035	ng	#	52
19) n-Nitroso-di-n-propylamine	7.32	70	173929	19.649	ng	#	74
25) Isophorone	7.32	82	1304145	49.287	ng	#	65
37) 2-Methylnaphthalene	8.85	142	115964	4.578	ng		92
38) 1-Methylnaphthalene	8.85	142	115964	4.857	ng		96
50) Dimethylphthalate	9.51	163	76505	2.640	ng		98
52) Acenaphthene	9.82	154	112867	4.566	ng		96
58) Fluorene	10.34	166	69789	2.573	ng		97
67) 4-Bromophenyl-phenylether	10.59	248	35693	4.299	ng	#	1
71) Phenanthrene	11.30	178	86134	2.424	ng		96
72) Anthracene	11.30	178	86134	2.373	ng		97
73) Carbazole	11.51	167	102901	2.998	ng		96

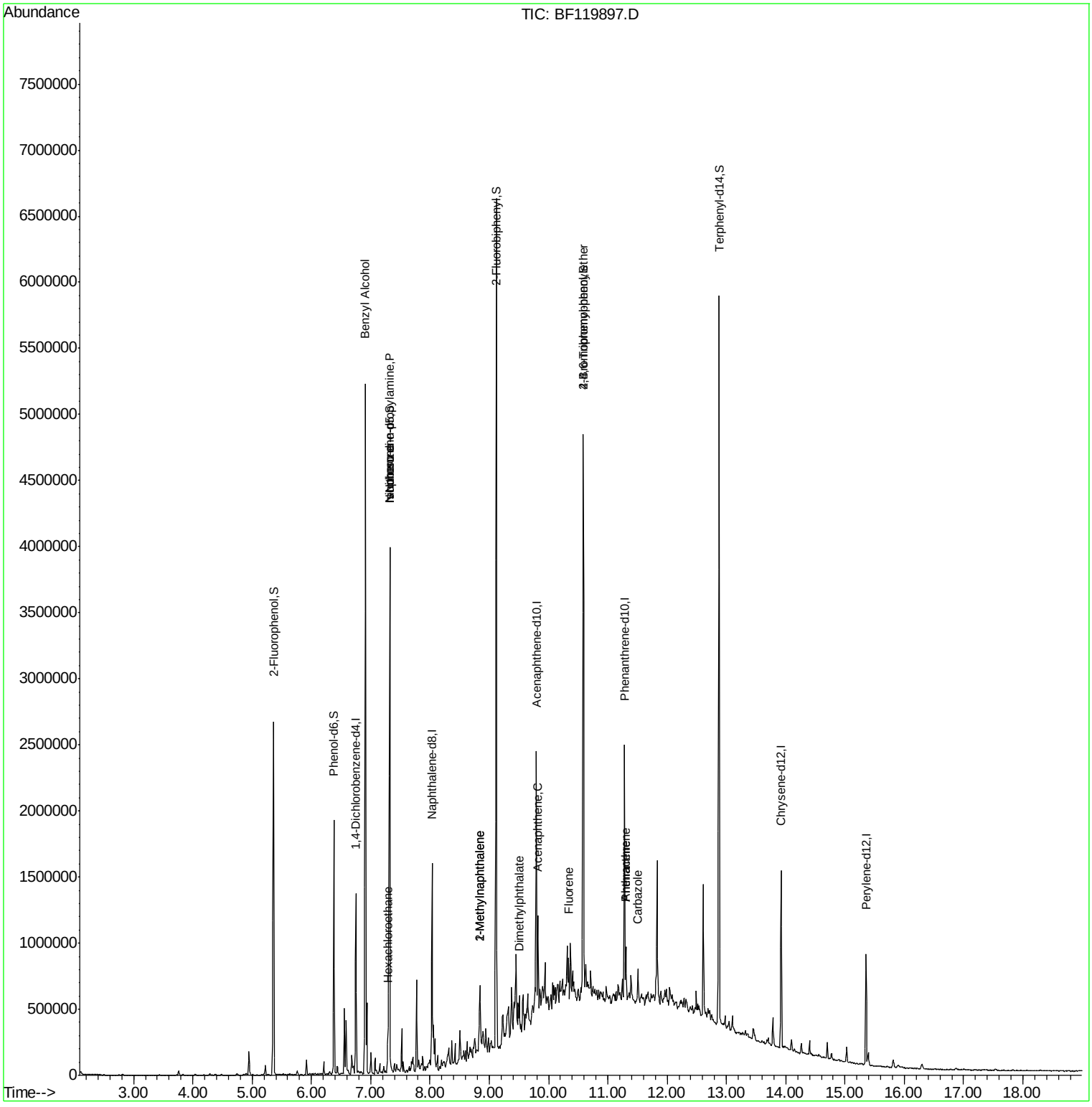
(#) = qualifier out of range (m) = manual integration (+) = signals summed

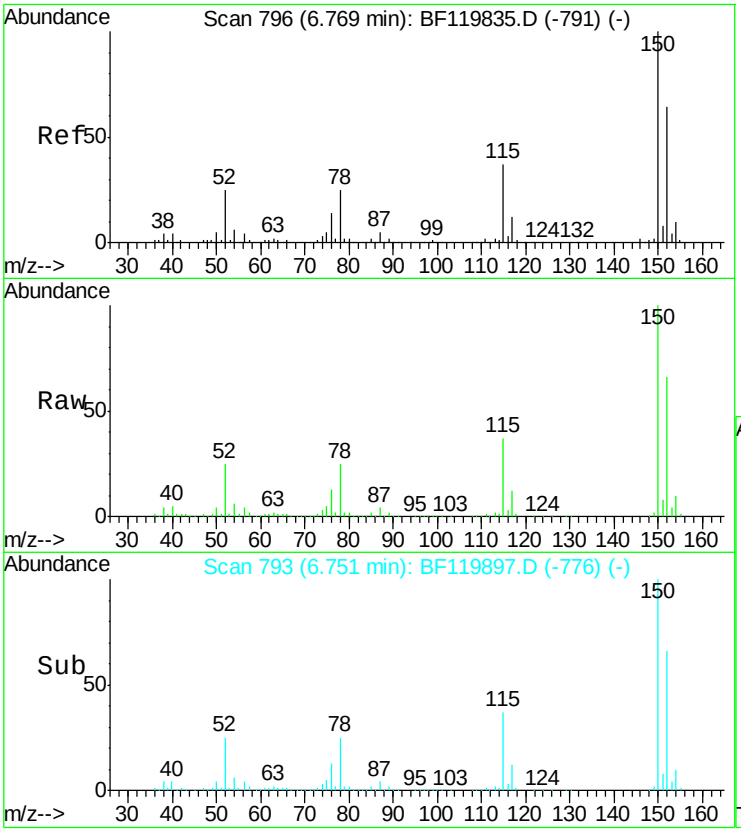
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119897.D
Acq On : 10 Apr 2020 16:25
Operator : MA/SJ
Sample : L2178-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 11 01:21:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration



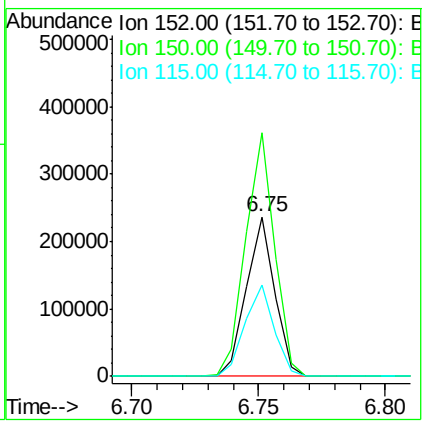


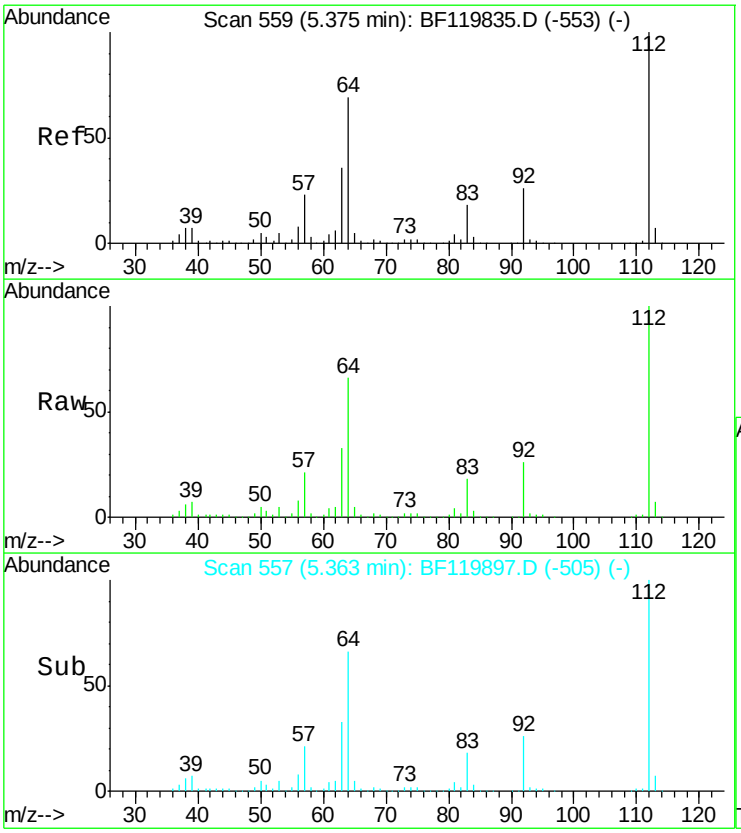
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 184617

Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.8	187.2
115	57.1	46.5	69.7

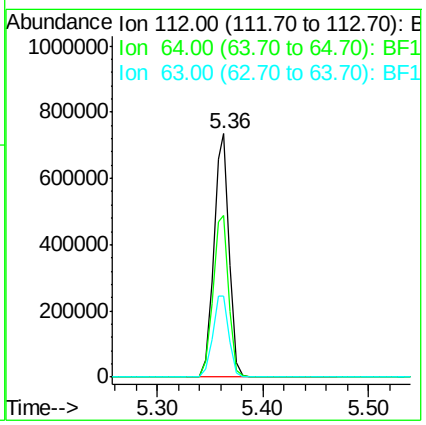


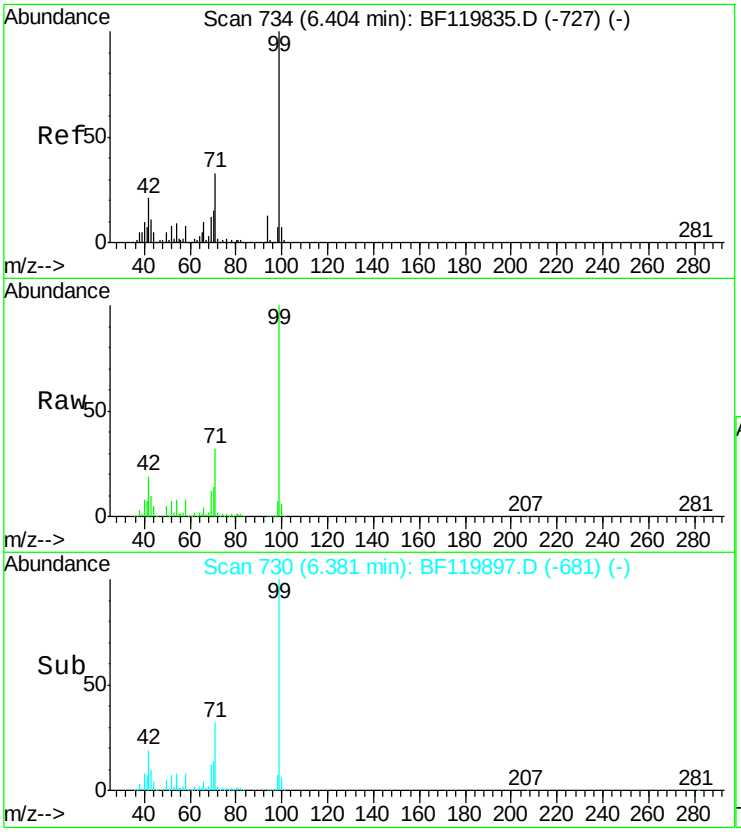


#5
2-Fluorophenol
Concen: 70.635 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:112 Resp: 754572

Ion	Ratio	Lower	Upper
112	100		
64	66.2	55.5	83.3
63	33.4	29.1	43.7



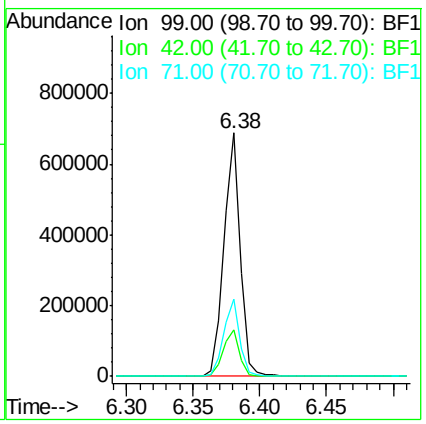


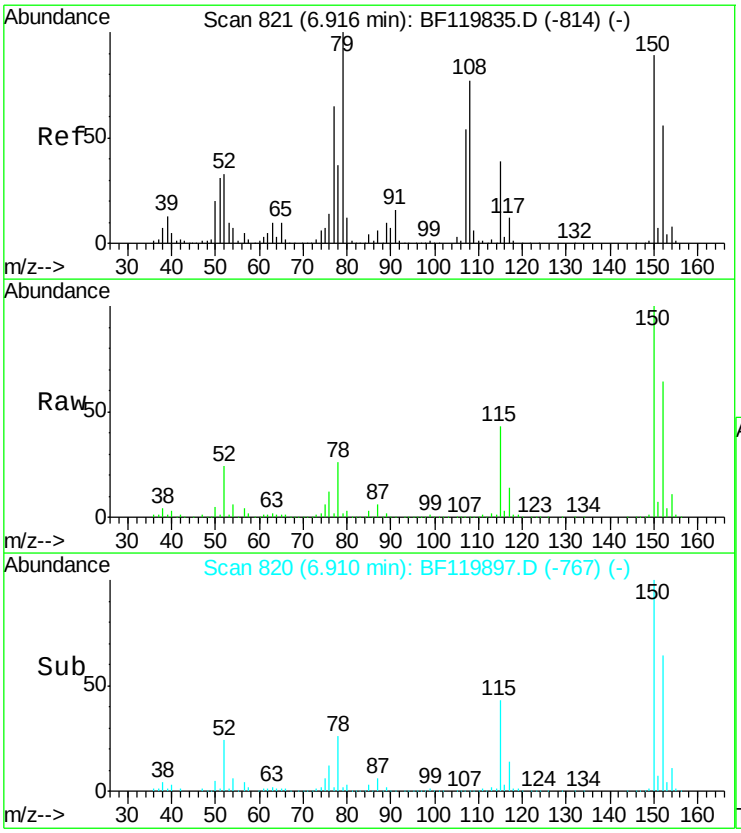
#7
Phenol-d6
Concen: 43.160 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 594107

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.9	25.3
71	31.6	26.3	39.5

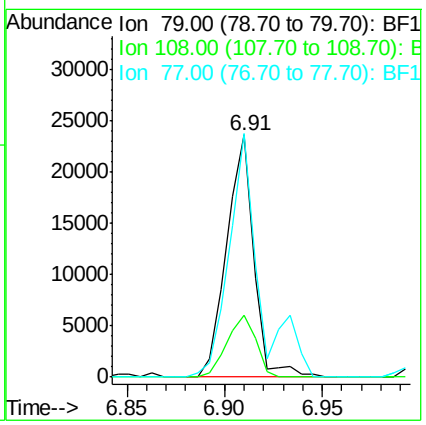


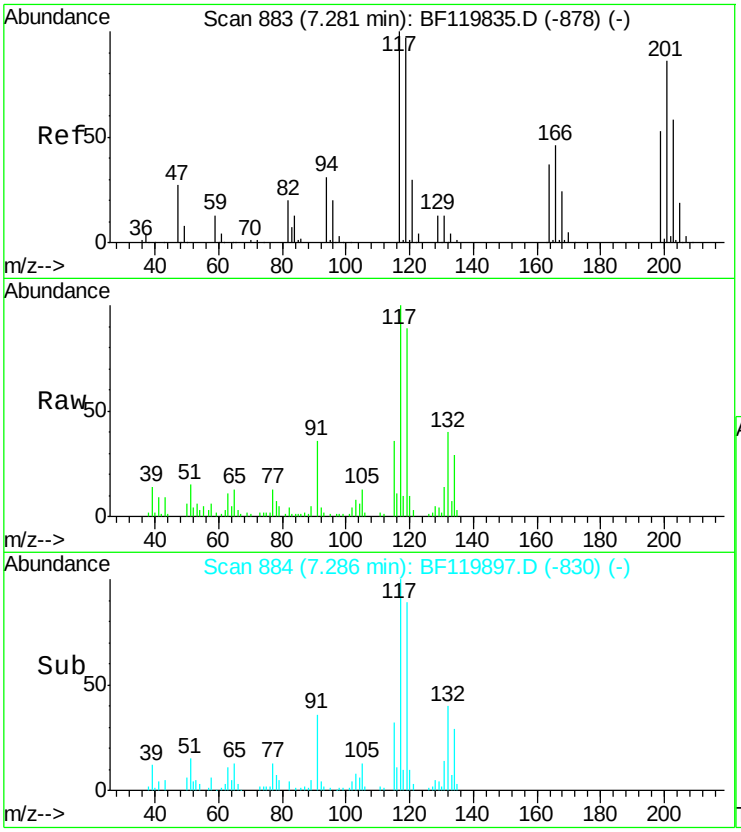


#15
Benzyl Alcohol
Concen: 2.130 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion: 79 Resp: 22774

Ion	Ratio	Lower	Upper
79	100		
108	25.8	62.0	93.0#
77	100.6	51.8	77.6#



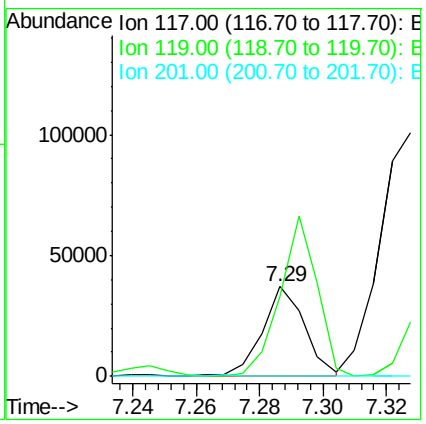


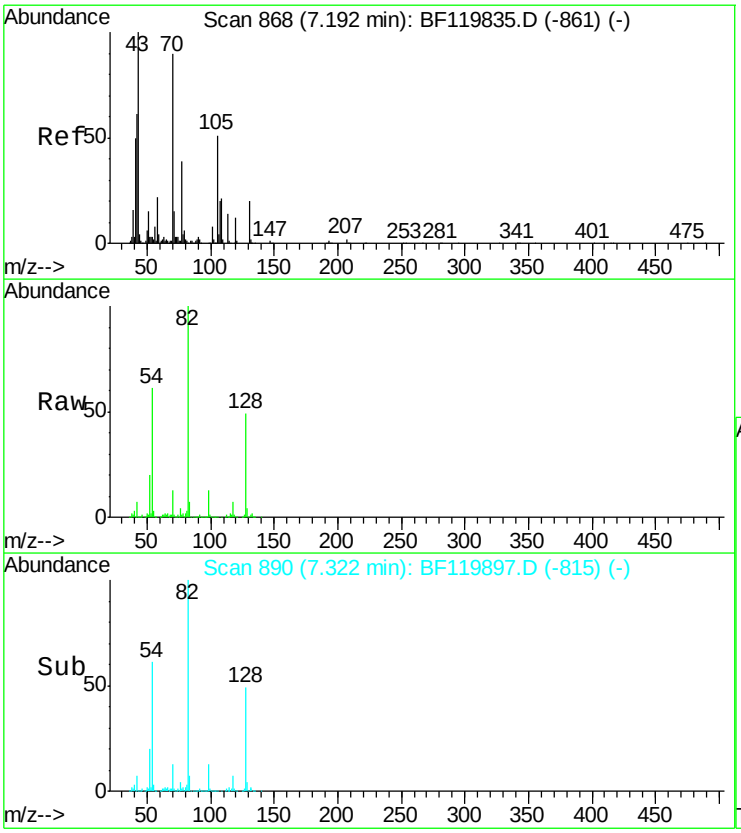
#18
Hexachloroethane
Concen: 7.035 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.02 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 34996

Ion	Ratio	Lower	Upper
117	100		
119	88.8	77.4	116.0
201	0.0	68.4	102.6#

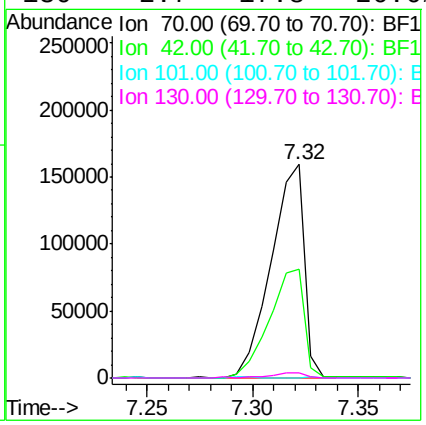


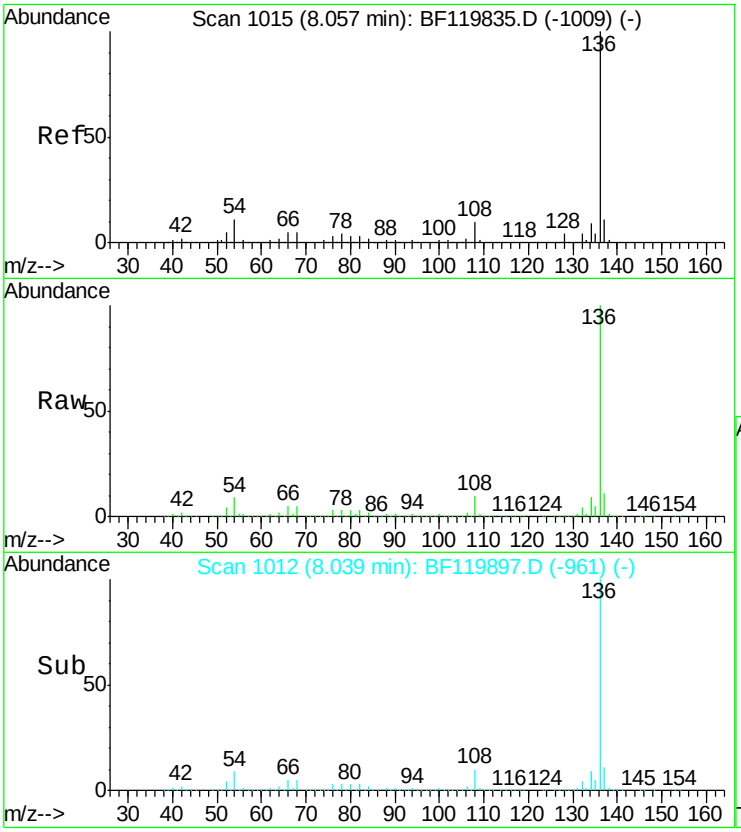


#19
n-Nitroso-di-n-propylamine
Concen: 19.649 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion: 70 Resp: 173929

Ion	Ratio	Lower	Upper
70	100		
42	51.1	54.2	81.4#
101	0.3	7.4	11.2#
130	2.7	17.8	26.6#



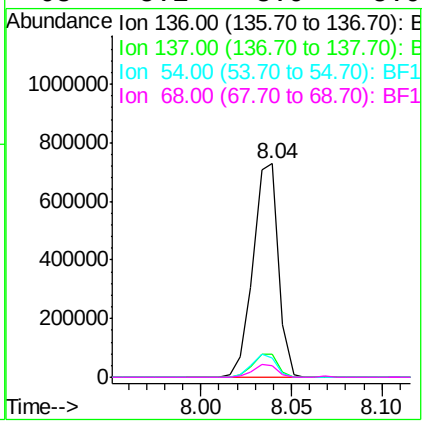


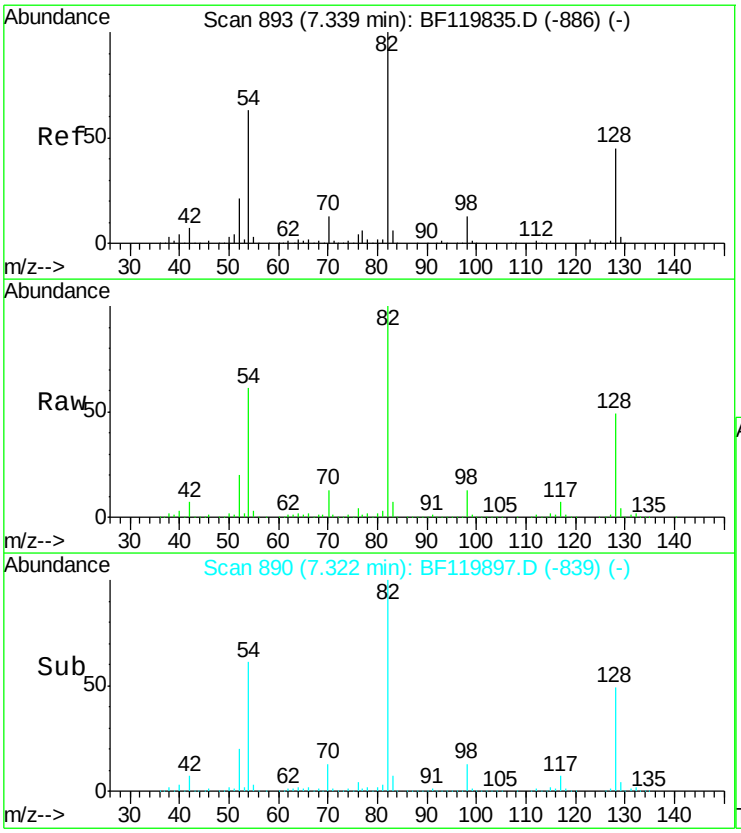
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 710113

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	8.8	8.5	12.7
68	5.1	3.9	5.9

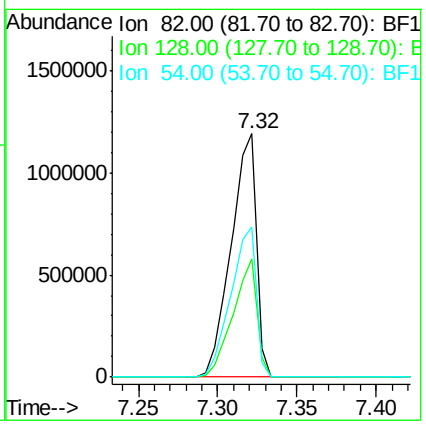


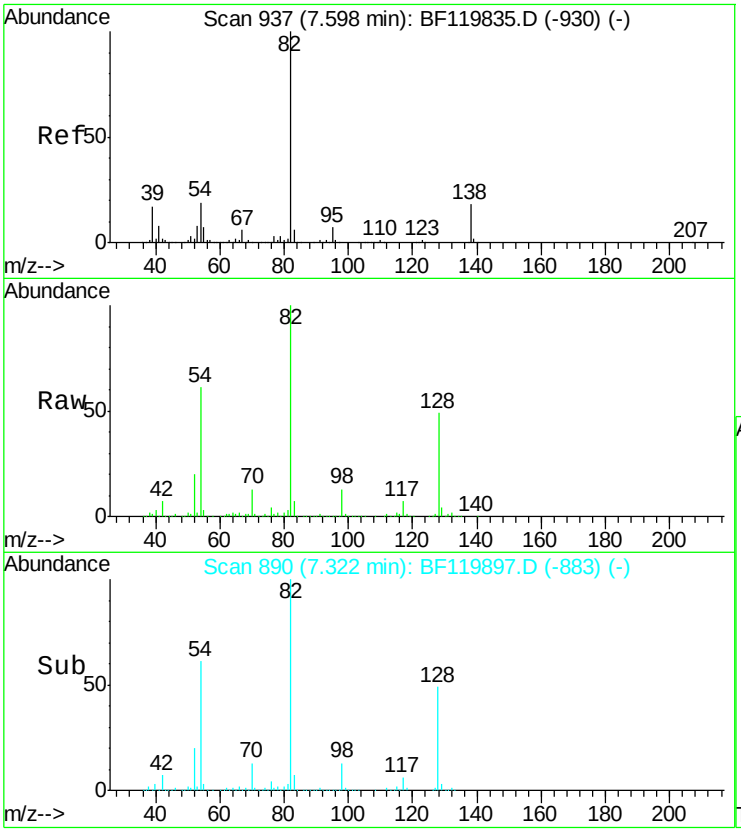


#23
Nitrobenzene-d5
Concen: 95.927 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion: 82 Resp: 1316721

Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.2	54.4
54	61.5	50.4	75.6



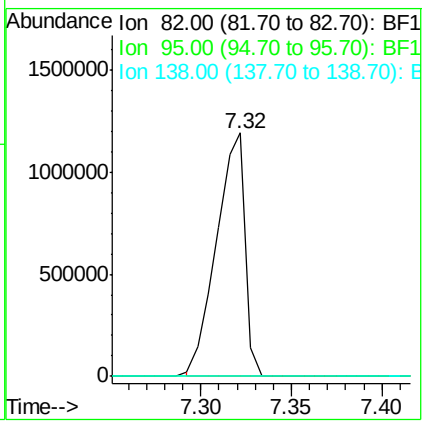


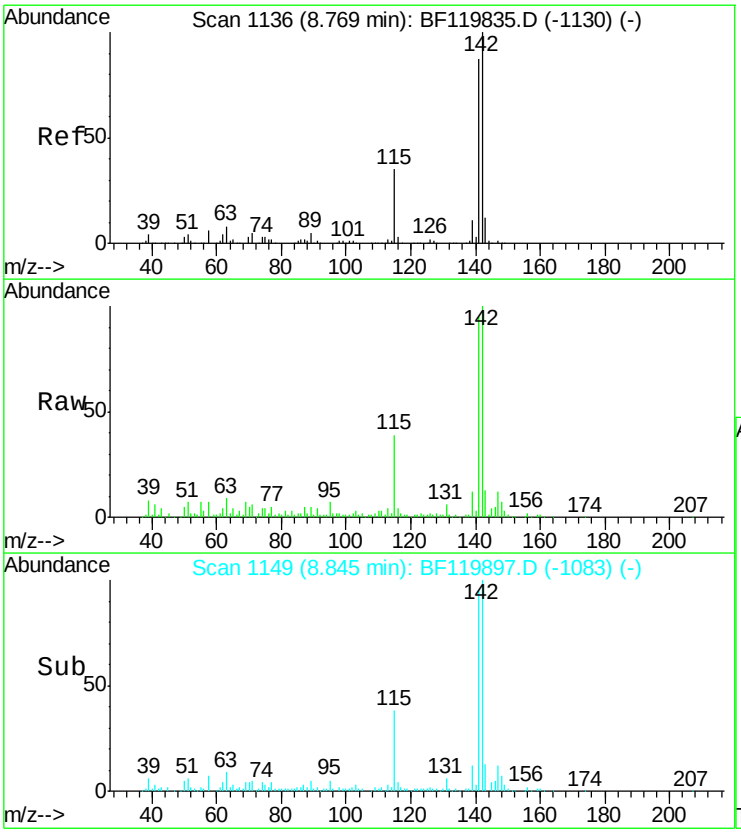
#25
Isophorone
Concen: 49.287 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1304145

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.5	21.7#

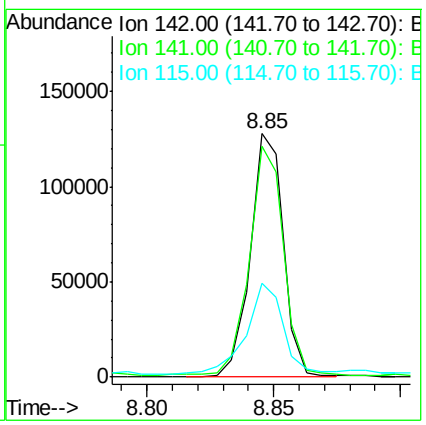


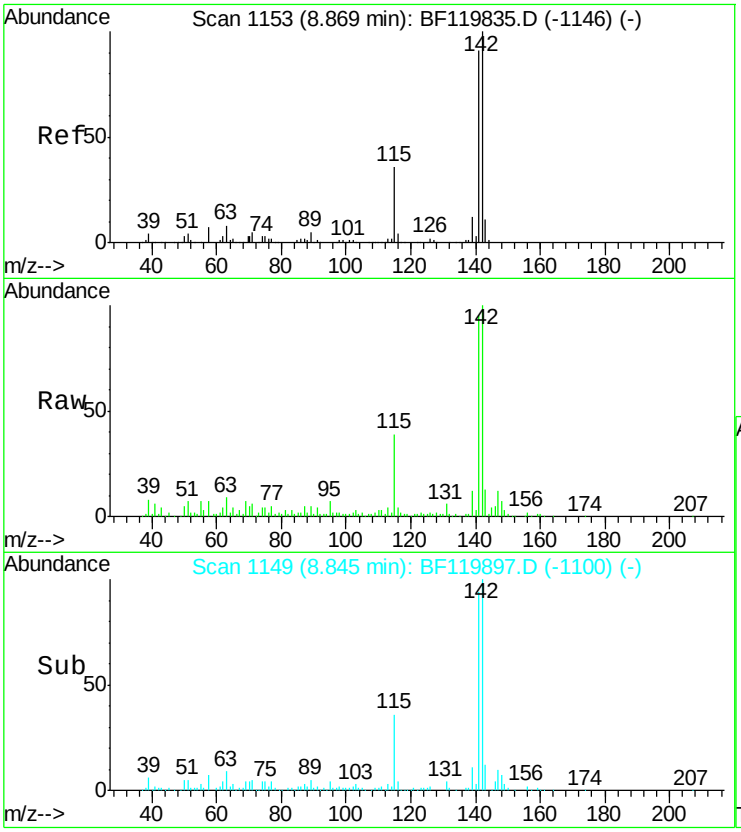


#37
2-Methylnaphthalene
Concen: 4.578 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.09 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:142 Resp: 115964

Ion	Ratio	Lower	Upper
142	100		
141	95.0	69.9	104.9
115	38.7	28.0	42.0



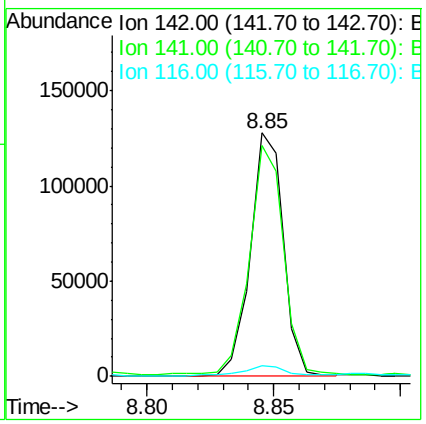


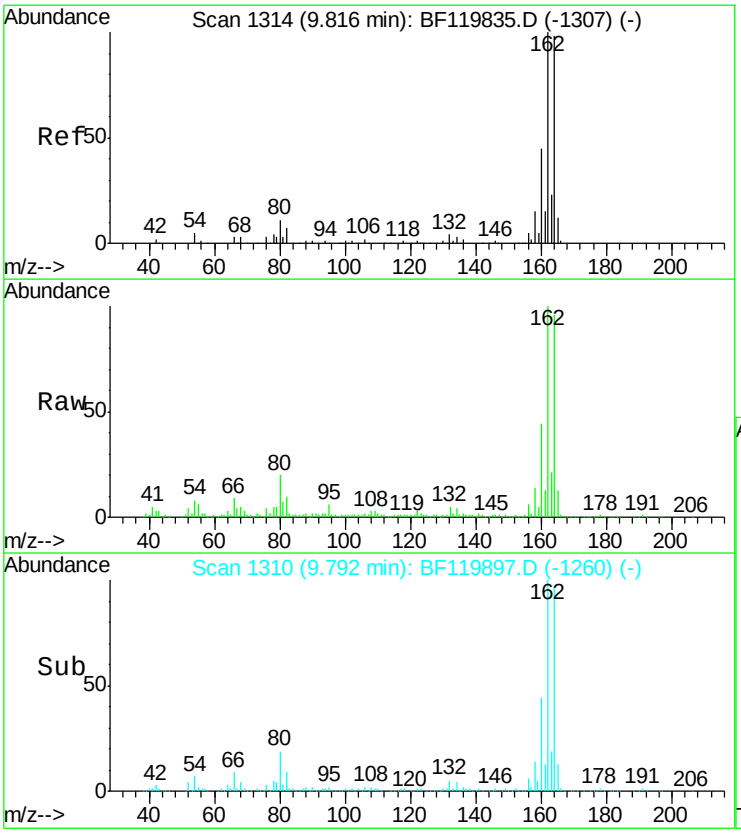
#38
1-Methylnaphthalene
Concen: 4.857 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 115964

Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.9	109.3
116	4.5	3.0	4.6

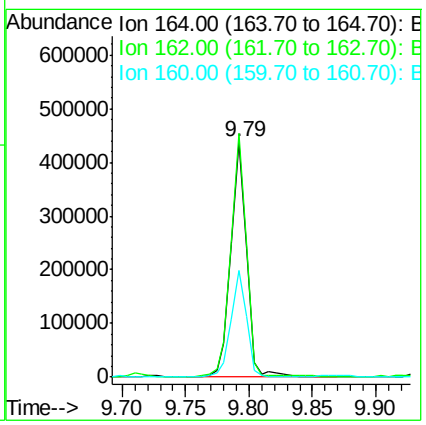


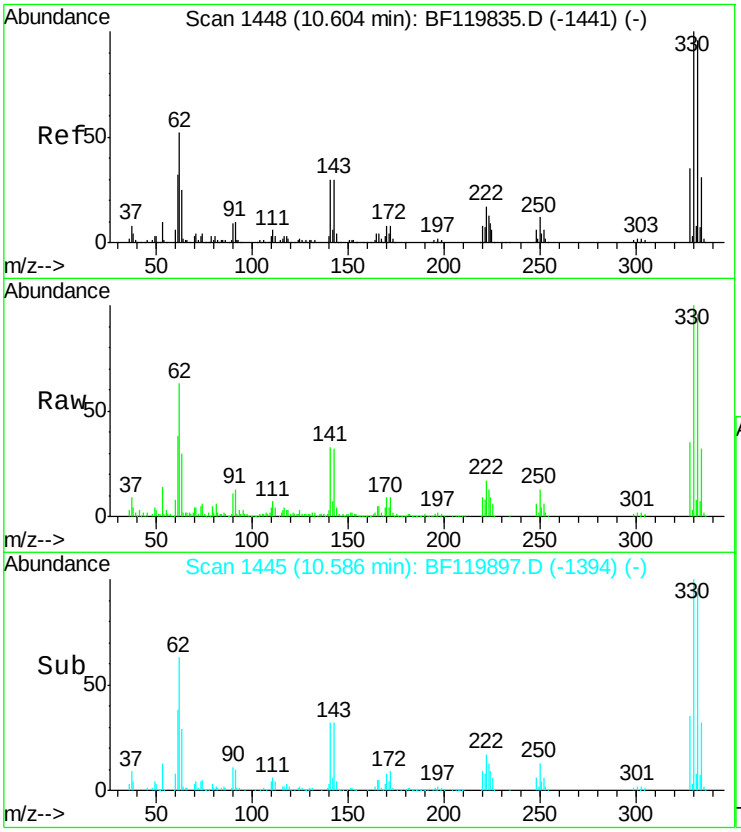


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:164 Resp: 374707

Ion	Ratio	Lower	Upper
164	100		
162	103.7	81.9	122.9
160	45.3	36.6	54.8



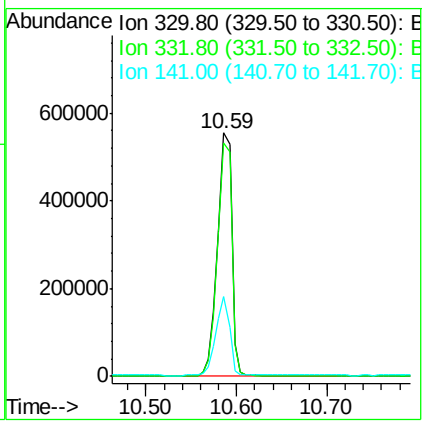


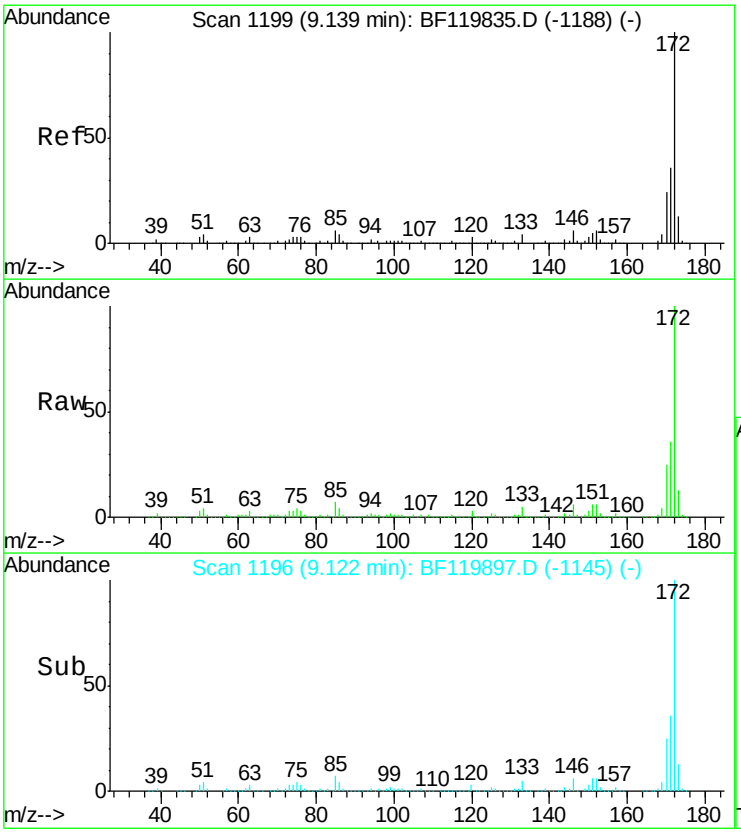
#42
2,4,6-Tribromophenol
Concen: 132.156 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 606290

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	30.8	25.1	37.7

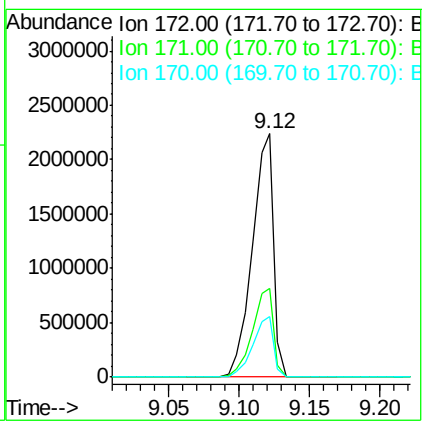


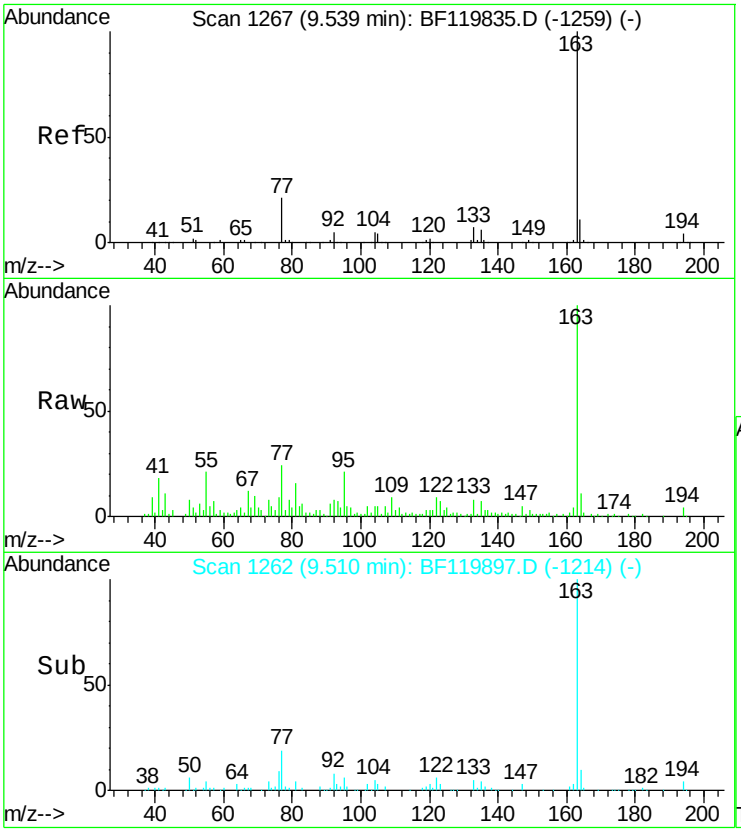


#45
2-Fluorobiphenyl
Concen: 89.727 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:172 Resp: 2368069

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.8	19.4	29.2



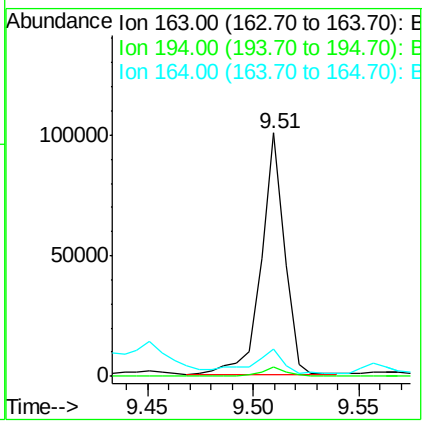


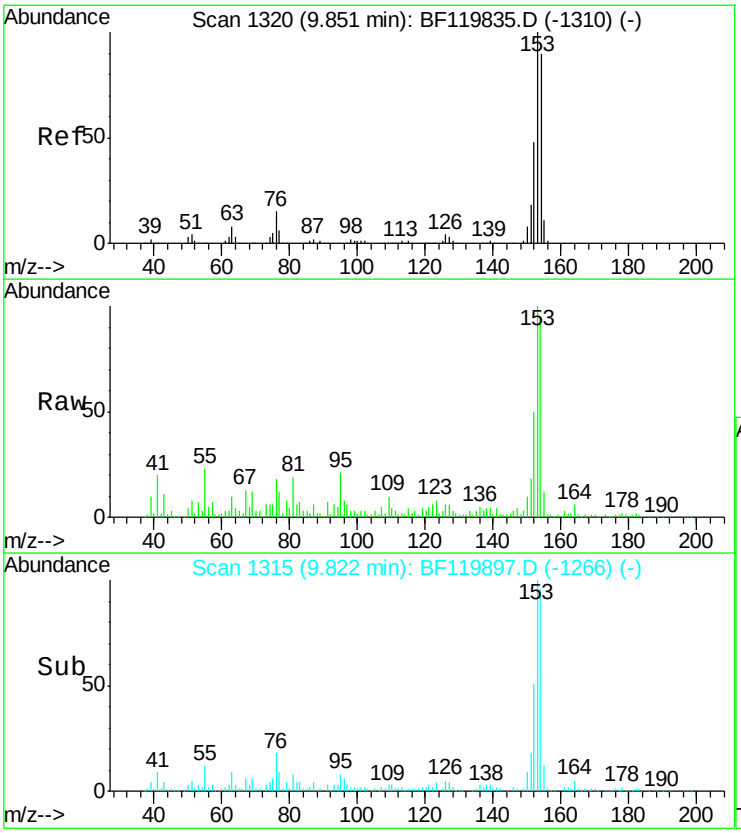
#50
Dimethylphthalate
Concen: 2.640 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 76505

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	11.4	8.4	12.6

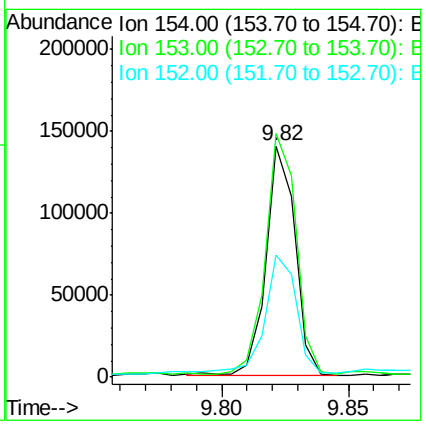


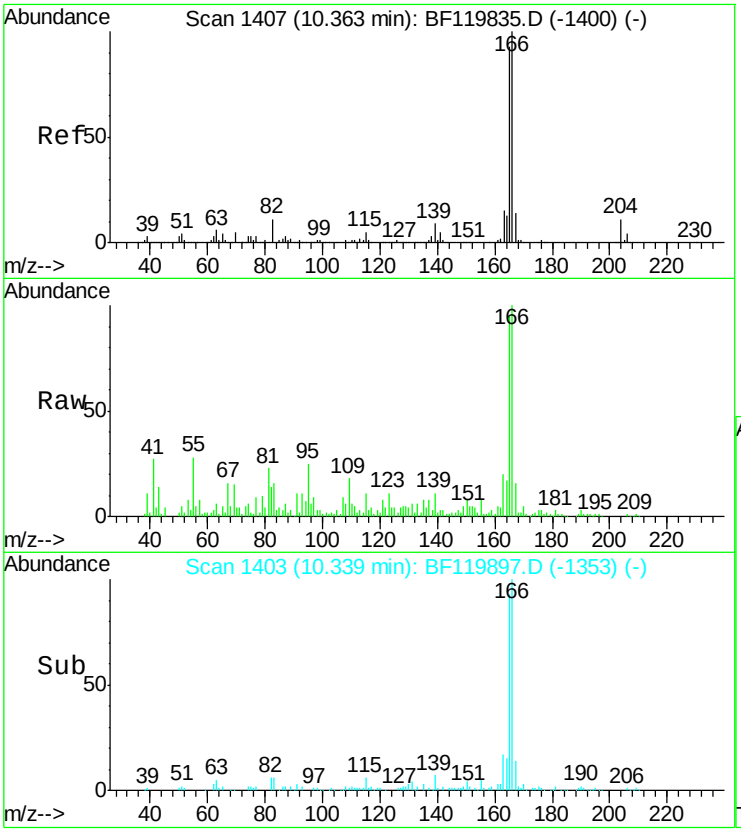


#52
Acenaphthene
Concen: 4.566 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:154 Resp: 112867

Ion	Ratio	Lower	Upper
154	100		
153	105.4	88.8	133.2
152	53.1	42.4	63.6



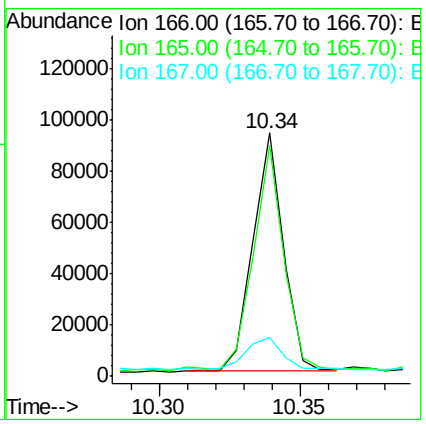


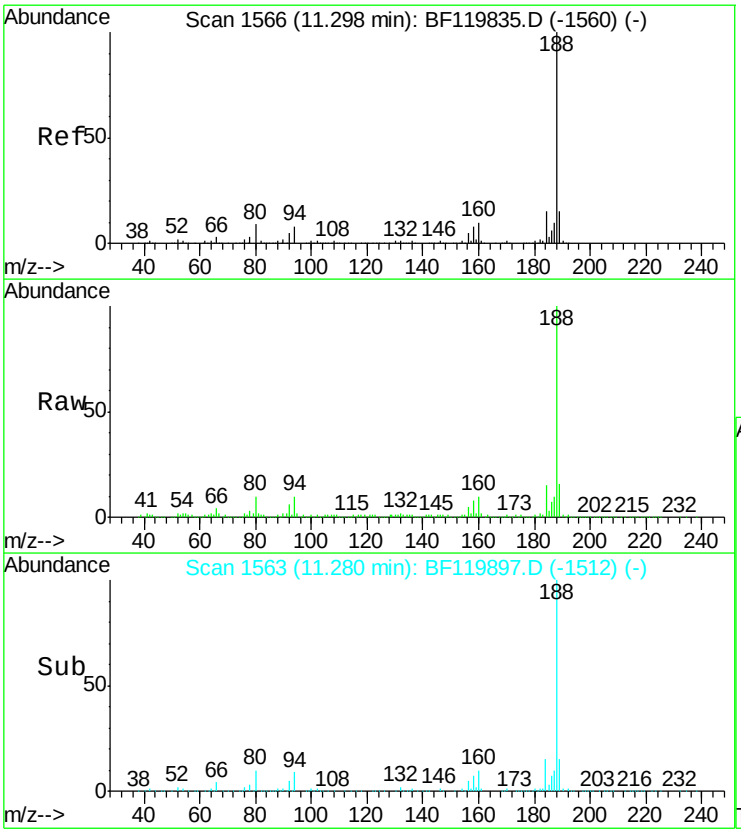
#58
Fluorene
Concen: 2.573 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 69789

Ion	Ratio	Lower	Upper
166	100		
165	94.9	74.2	111.2
167	16.2	10.8	16.2

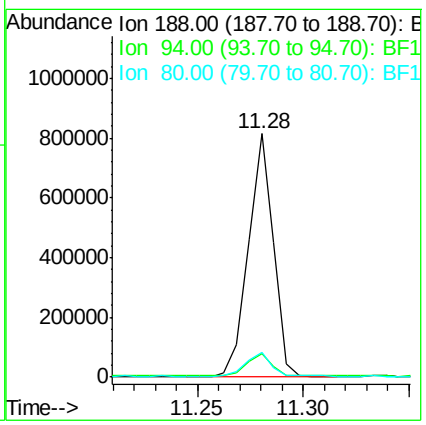


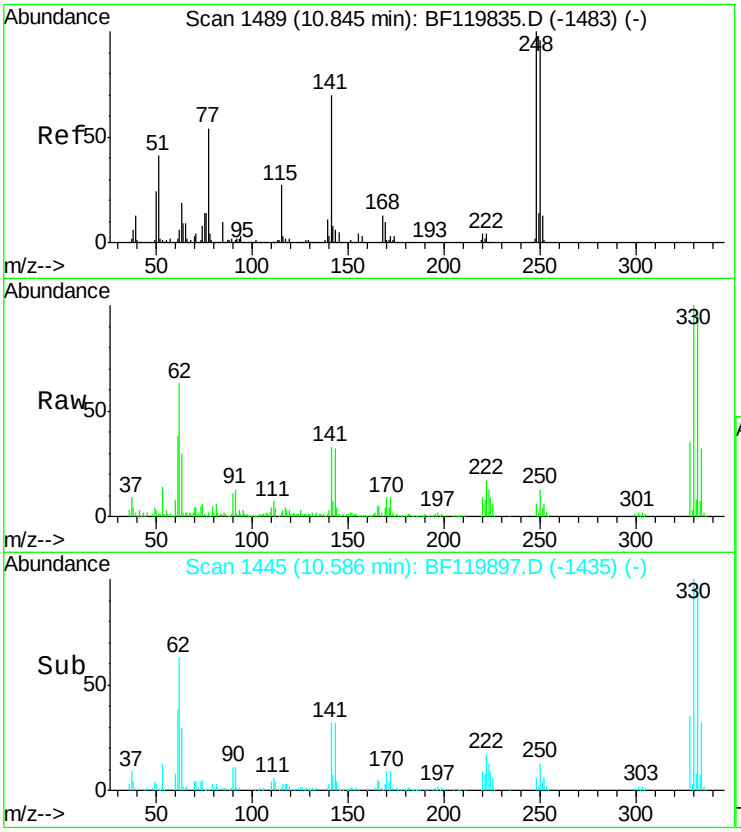


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:188 Resp: 667638

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.7	10.1
80	10.2	7.4	11.2



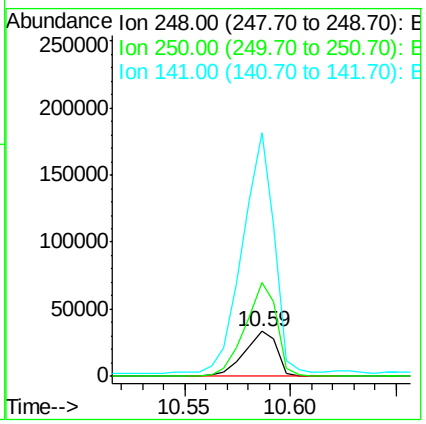


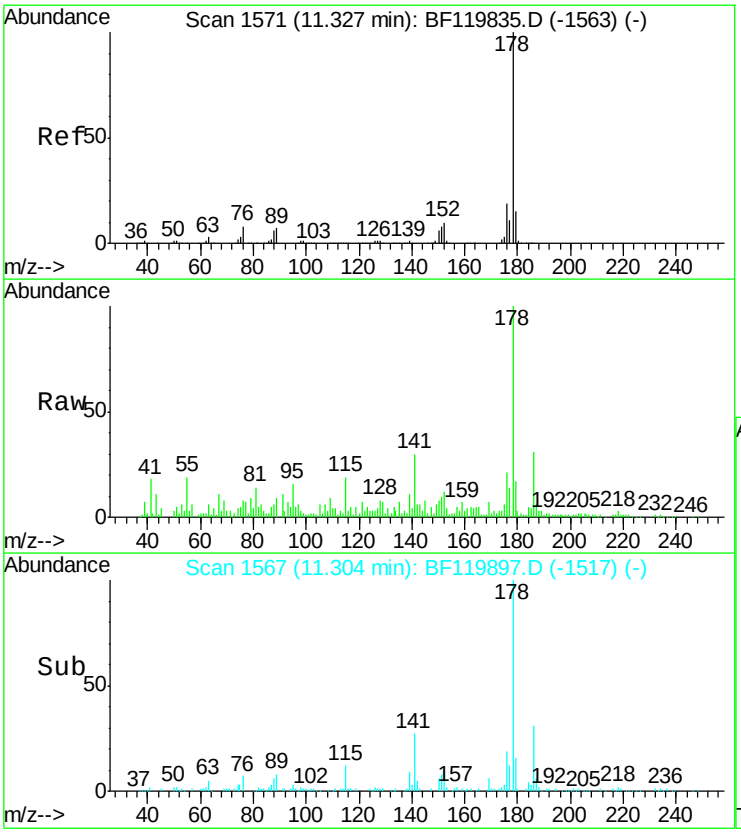
#67
4-Bromophenyl-phenylether
Concen: 4.299 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 35693

Ion	Ratio	Lower	Upper
248	100		
250	208.9	76.6	114.8#
141	545.5	55.9	83.9#

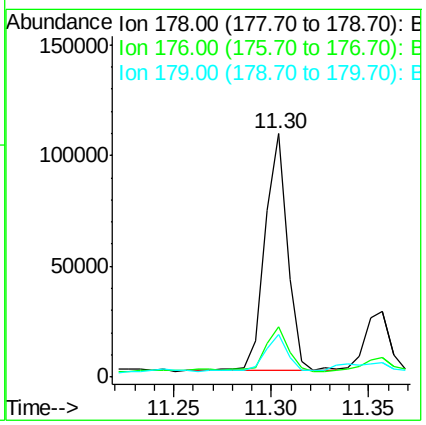


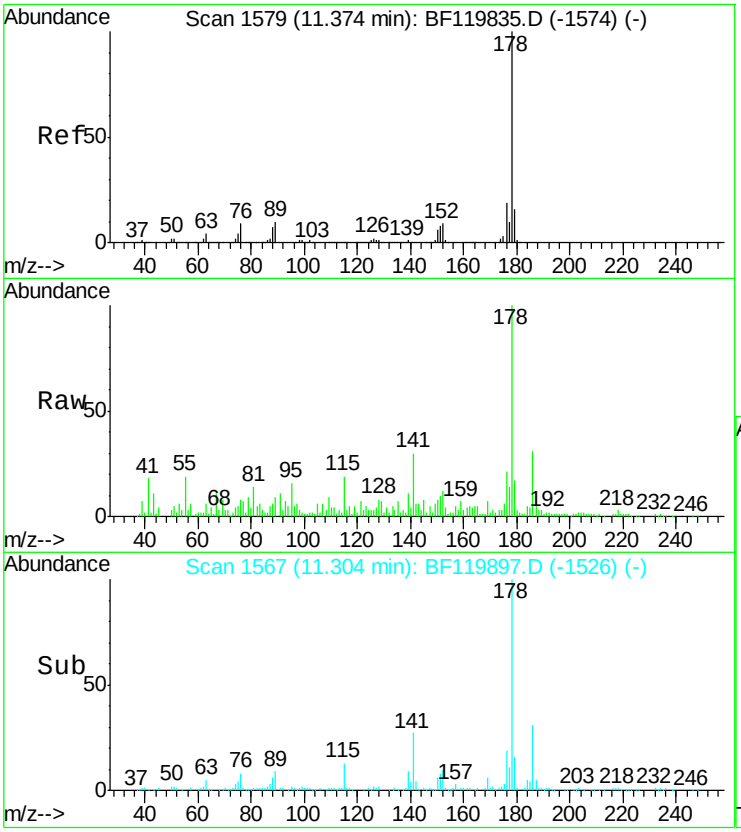


#71
Phenanthrene
Concen: 2.424 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:178 Resp: 86134

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.1	22.7
179	17.4	12.2	18.4



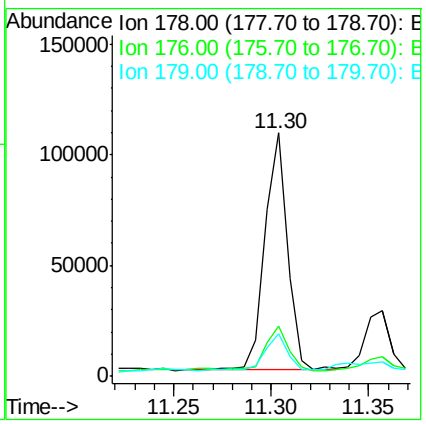


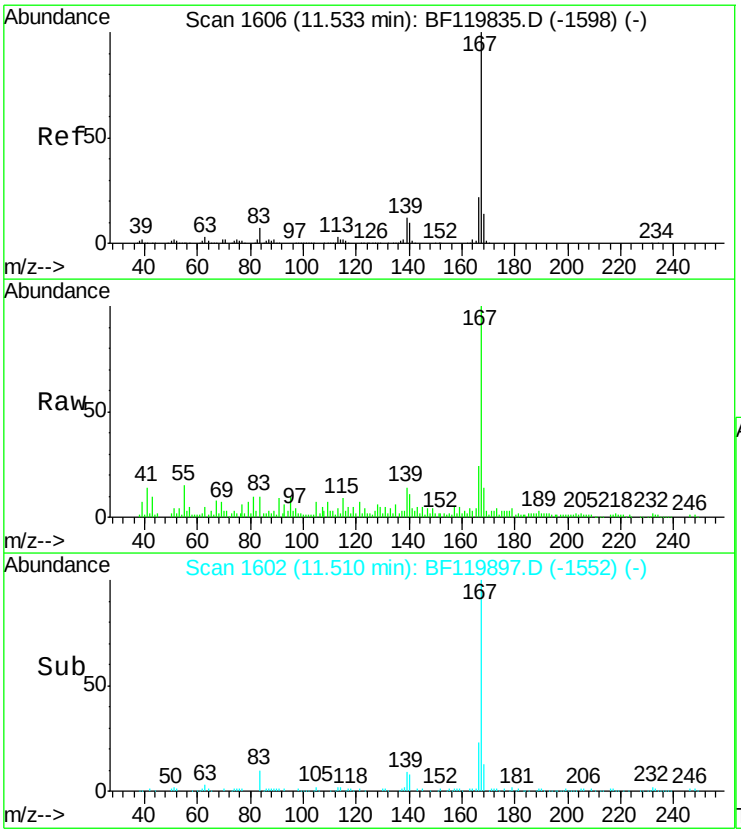
#72
Anthracene
Concen: 2.373 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.06 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 86134

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	17.4	12.8	19.2

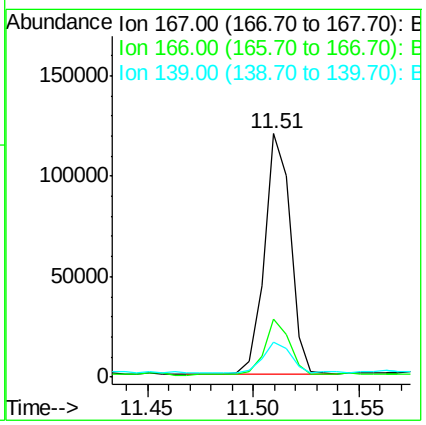


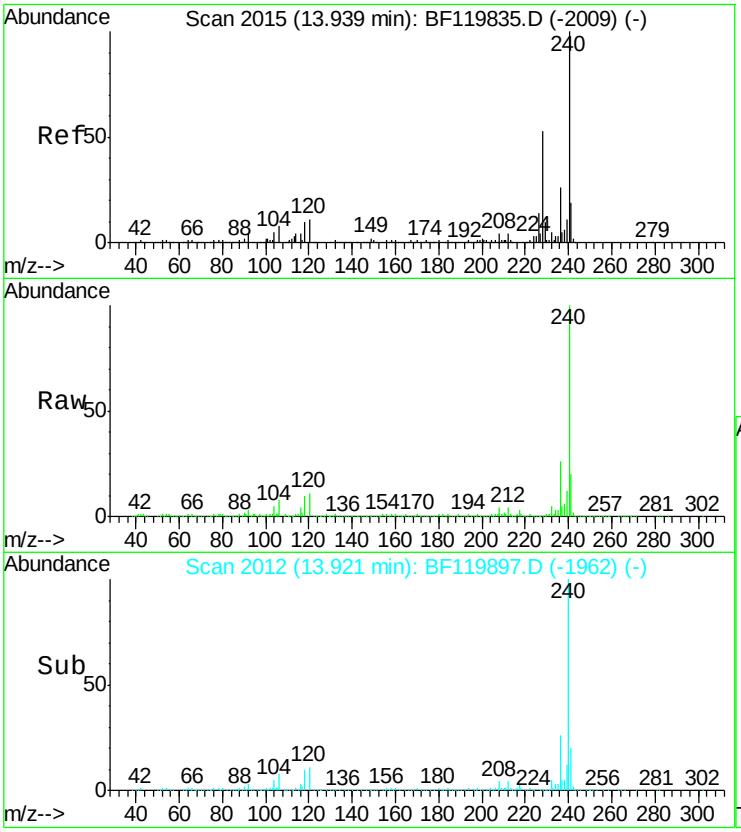


#73
Carbazole
Concen: 2.998 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:167 Resp: 102901

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.4	26.0
139	14.4	9.8	14.8



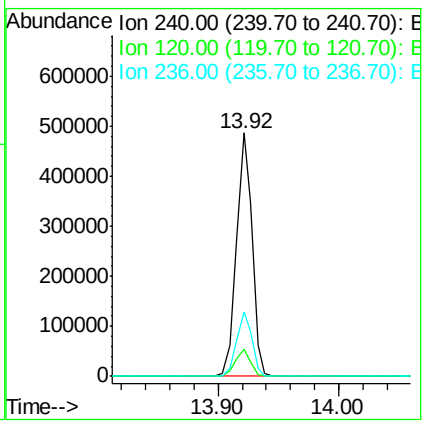


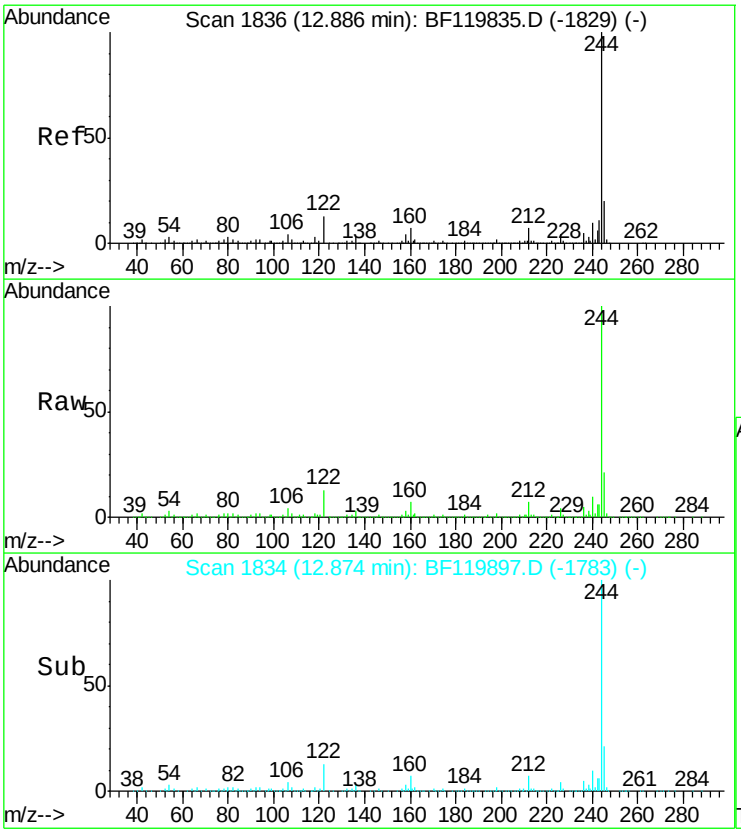
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 438737

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.0	13.6
236	26.3	20.7	31.1

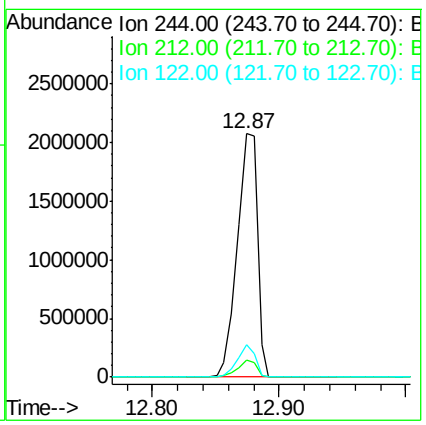


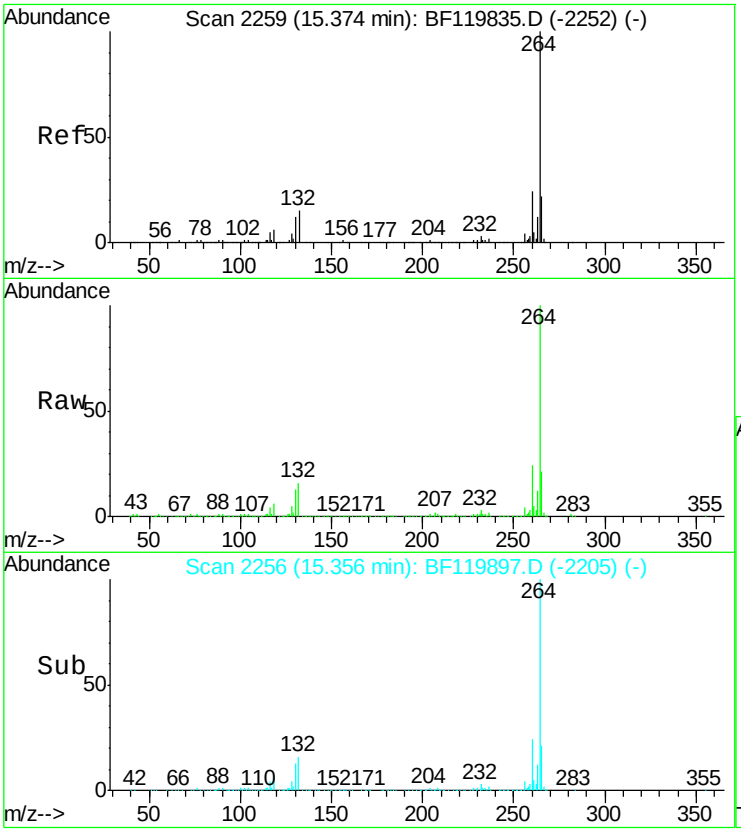


#79
Terphenyl-d14
Concen: 86.612 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Tgt Ion:244 Resp: 2258330

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.4	10.3	15.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BF119897.D
Acq: 10 Apr 2020 16:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 362992

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.1	17.6	26.4