Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116775.D
Acq On : 3 Sep 2019 16:31
Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 01:26:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	105124	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	425548	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	215897	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	346039	20.00	ng		0.00
76) Chrysene-d12	14.00	240	278501	20.00	ng		0.00
87) Perylene-d12	15.45	264	286602	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	615140	94.80	ng		0.00
7) Phenol-d6	6.47	99	831120	97.54	ng		0.00
23) Nitrobenzene-d5	7.40	82	496671	66.63	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	169541	117.47	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	775121	60.56	ng		0.00
79) Terphenyl-d14	12.94	244	772369	51.30	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	14345	2.555	ng		83
10) Phenol	6.49	94	50573	5.360	ng		87
19) n-Nitroso-di-n-propylamine	7.40	70	64151	11.435	ng	#	72
25) Isophorone	7.40	82	496663	32.881	ng	#	66
50) Dimethylphthalate	9.59	163	102874	6.902	ng		97
65) 4,6-Dinitro-2-methylphenol	10.66	198	245	7.614	ng	#	1
71) Phenanthrene	11.39	178	63746	3.309	ng		93
72) Anthracene	11.39	178	63746	3.287	ng		94
75) Fluoranthene	12.57	202	150303	7.940	ng		91
78) Pyrene	12.80	202	129481	5.230	ng	#	95
81) Benzo(a)anthracene	13.99	228	59630	3.383	ng		96
83) Chrysene	13.99	228	59630	3.284	ng		96
84) Bis(2-ethylhexyl)phthalate	13.98	149	111115	7.477	ng	#	98
86) Indeno(1,2,3-cd)pyrene	16.89	276	45141	3.095	ng		97
88) Benzo(b)fluoranthene	15.03	252	125071	7.218	ng	#	95
89) Benzo(k)fluoranthene	15.03	252	125071	7.916	ng	#	96
90) Benzo(a)pyrene	15.39	252	59505	3.947	ng	#	95
92) Benzo(g,h,i)perylene	17.32	276	41162	3.059	ng	#	94

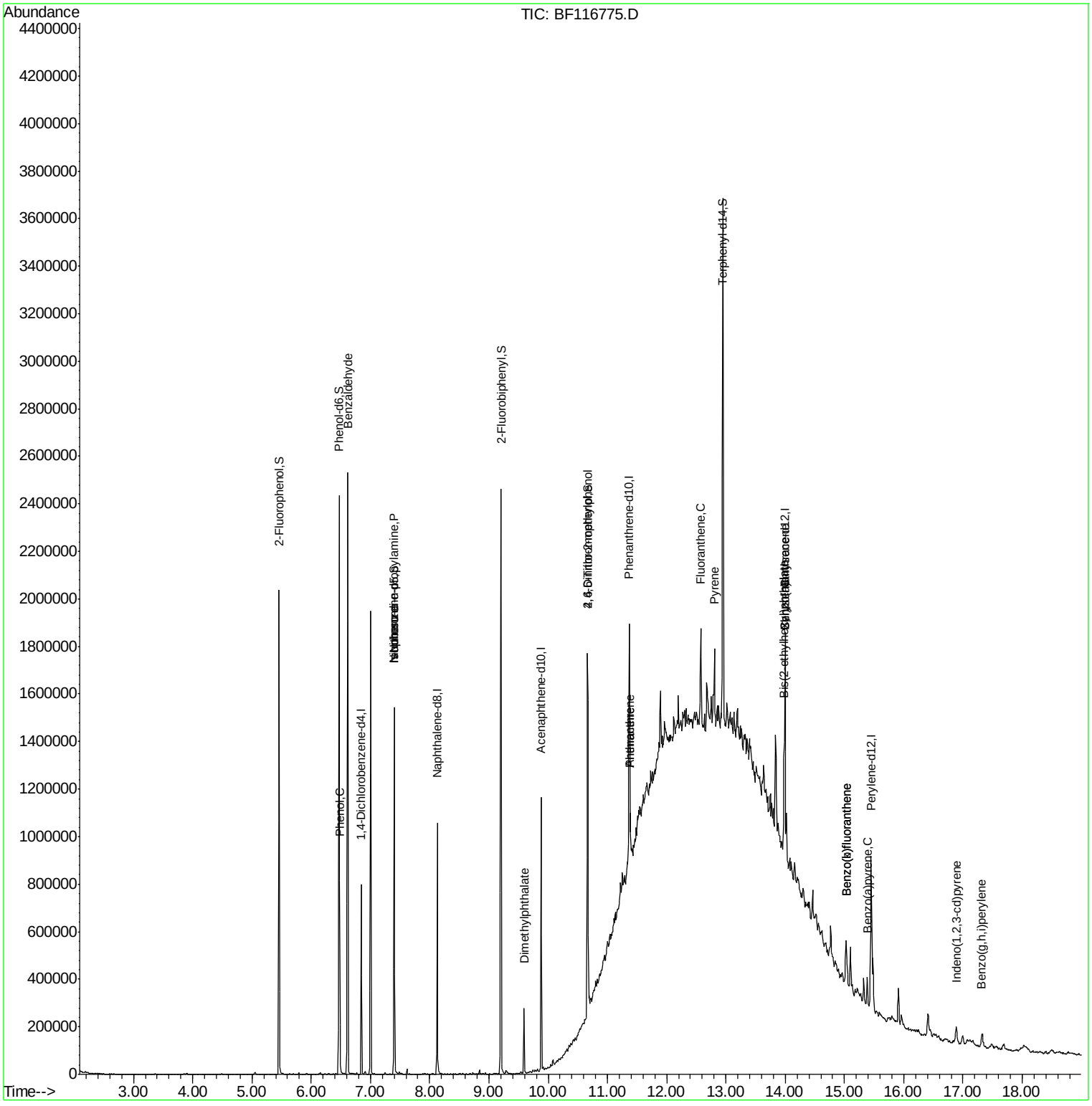
(#) = qualifier out of range (m) = manual integration (+) = signals summed

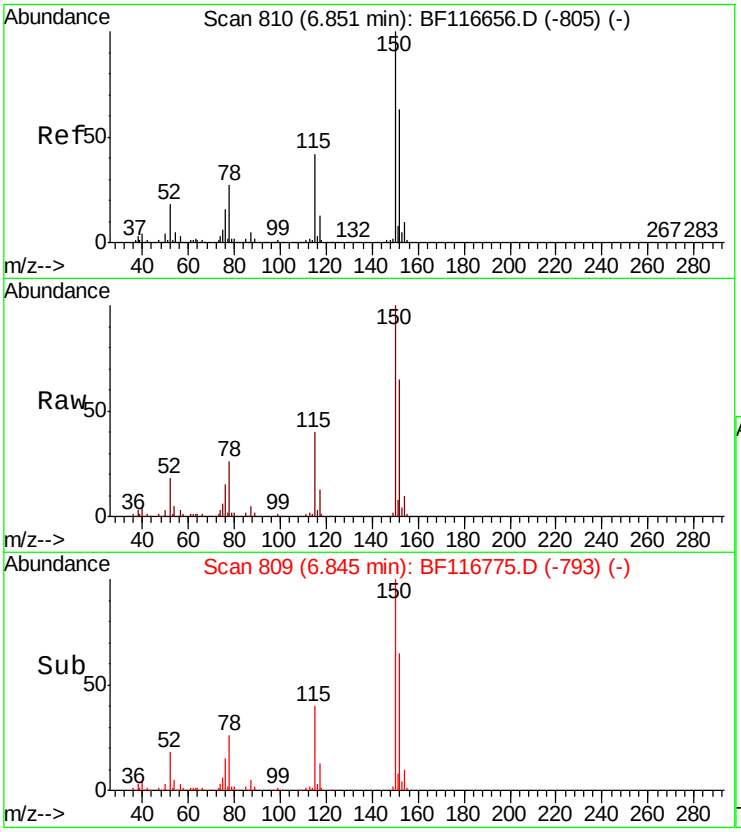
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116775.D
Acq On : 3 Sep 2019 16:31
Operator : HP/JU
Sample : K4581-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 04 01:26:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration



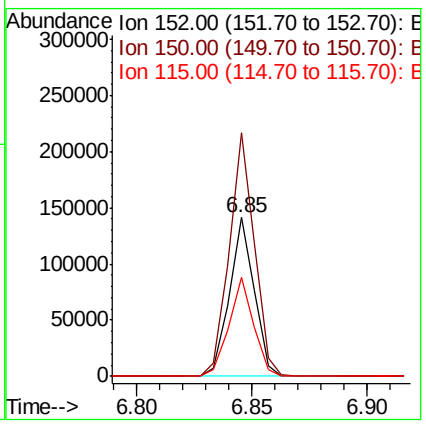


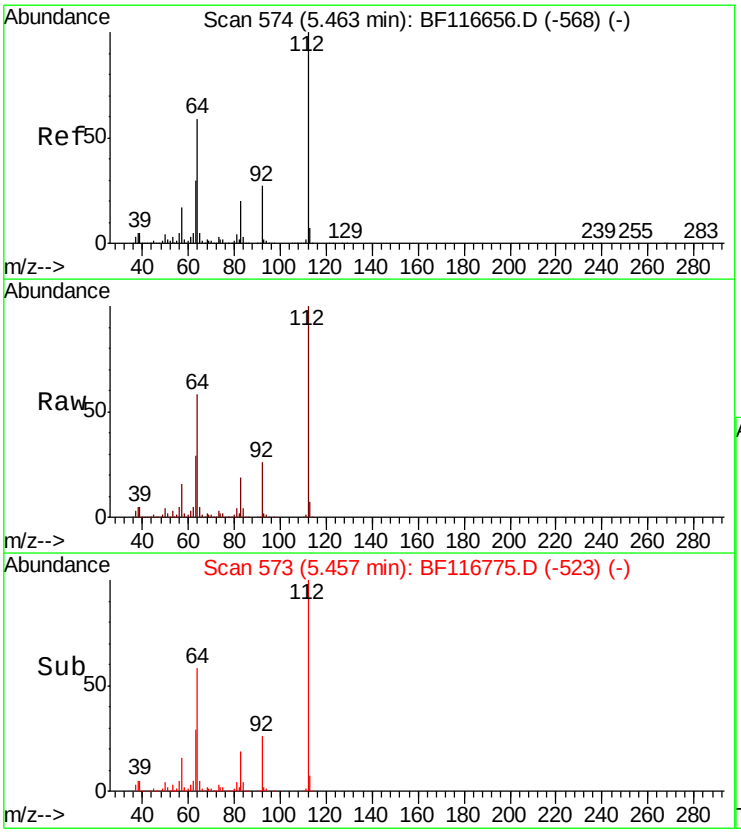
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 105124

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.4	186.6
115	62.0	49.9	74.9

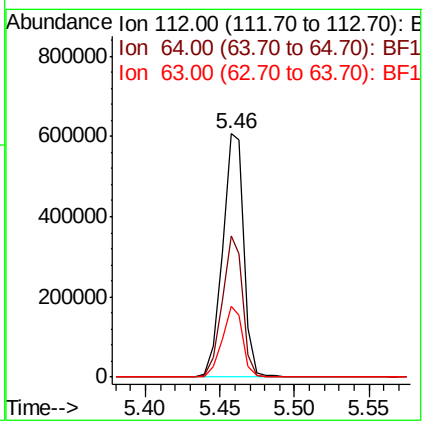


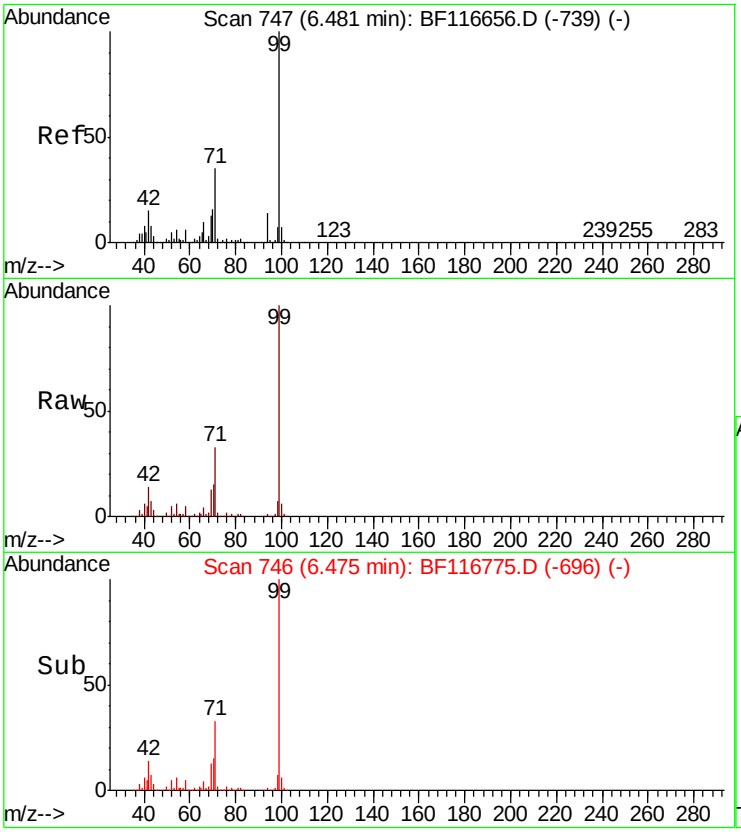


#5
2-Fluorophenol
Concen: 94.799 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:112 Resp: 615140

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.1	70.7
63	28.9	24.9	37.3



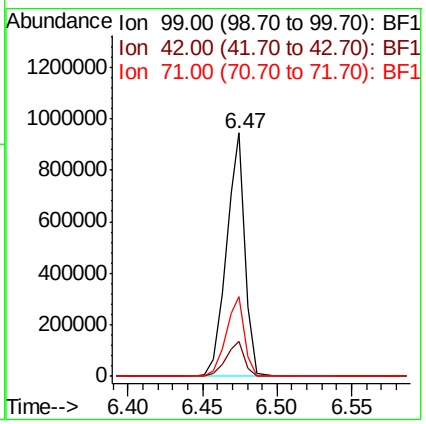


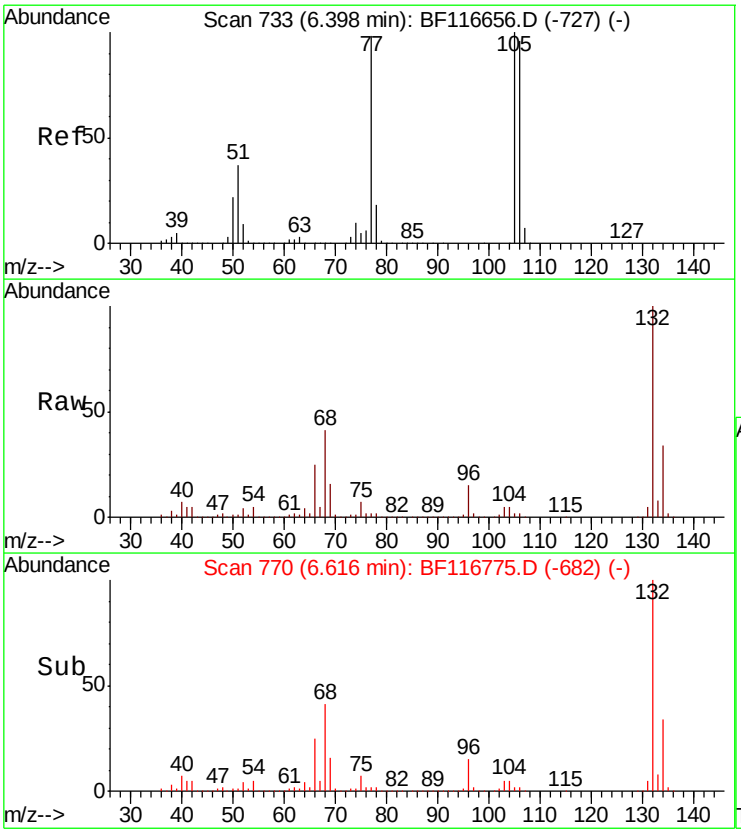
#7
Phenol-d6
Concen: 97.542 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 831120

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	32.5	30.8	46.2

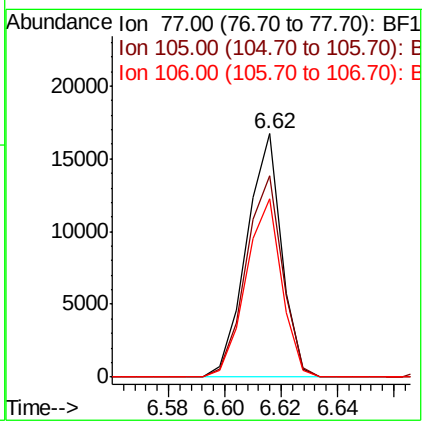


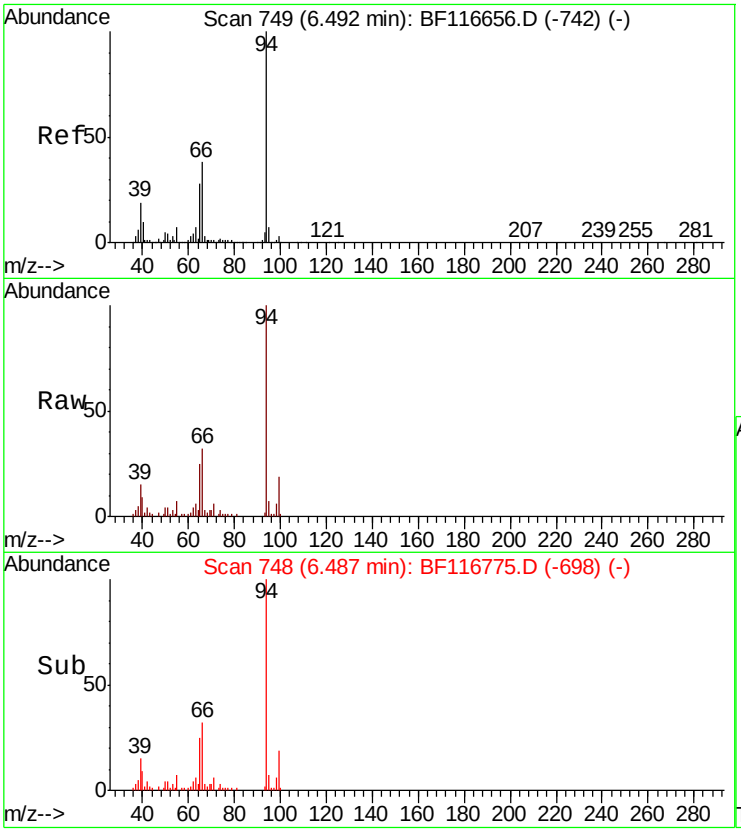


#9
Benzaldehyde
Concen: 2.555 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.22 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion: 77 Resp: 14345

Ion	Ratio	Lower	Upper
77	100		
105	82.6	76.7	116.7
106	73.3	73.1	113.1



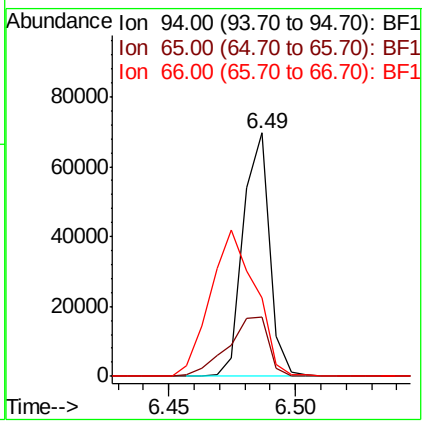


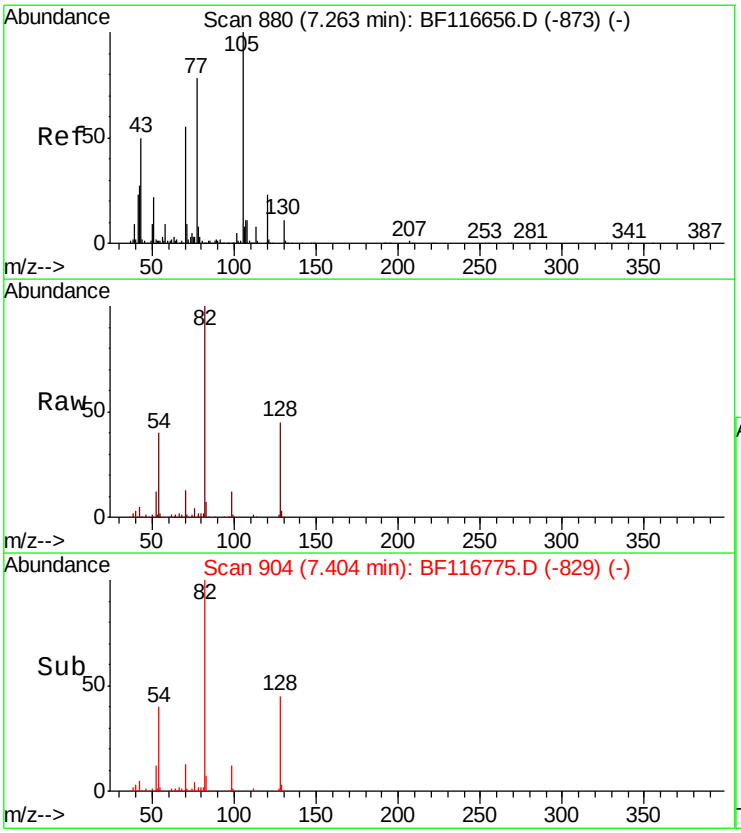
#10
Phenol
Concen: 5.360 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 50573

Ion	Ratio	Lower	Upper
94	100		
65	24.6	10.8	50.8
66	32.4	21.1	61.1

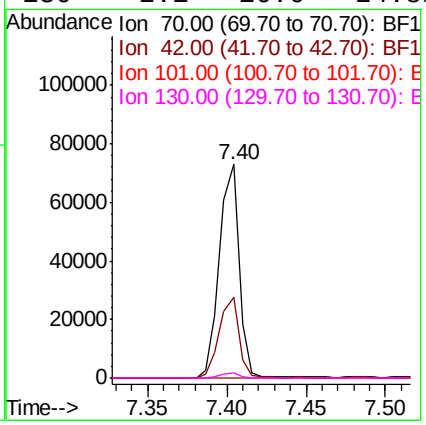


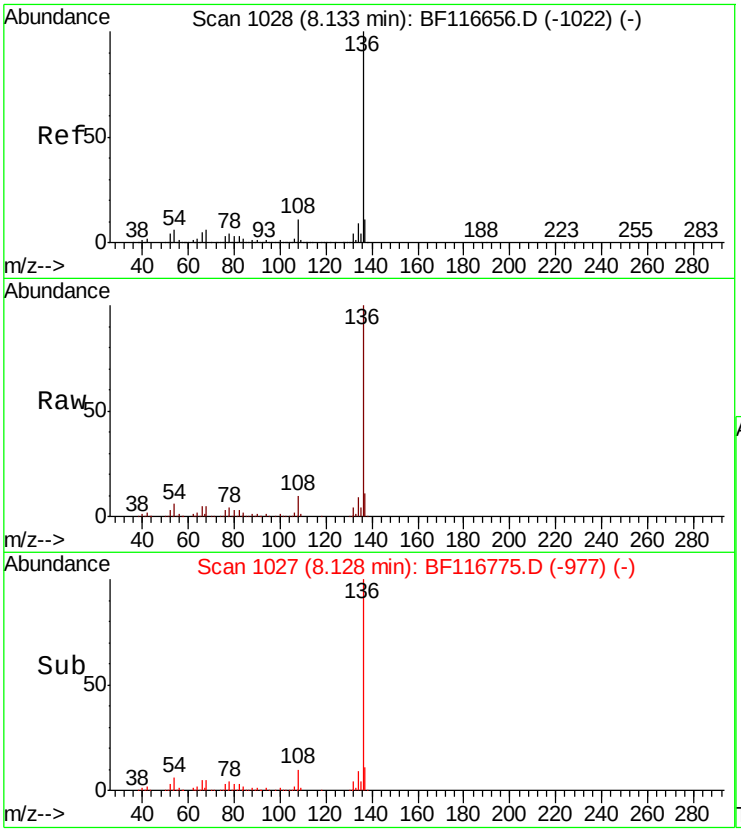


#19
n-Nitroso-di-n-propylamine
Concen: 11.435 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion: 70 Resp: 64151

Ion	Ratio	Lower	Upper
70	100		
42	37.5	43.5	65.3#
101	0.0	7.8	11.6#
130	2.1	16.6	24.8#



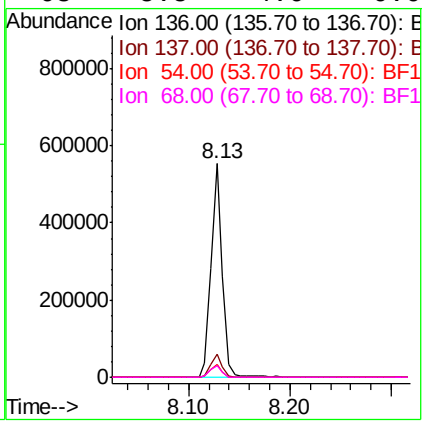


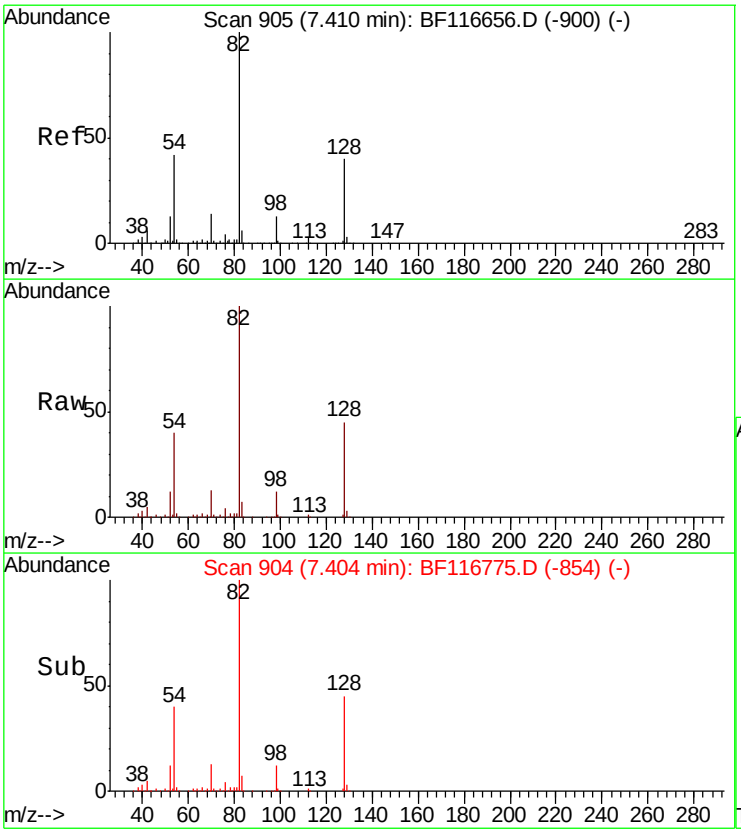
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 425548

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.9	4.8	7.2
68	5.5	4.0	6.0

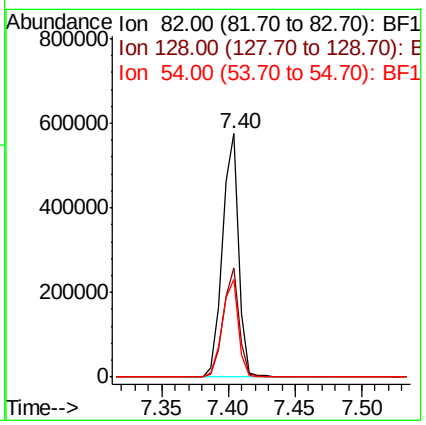


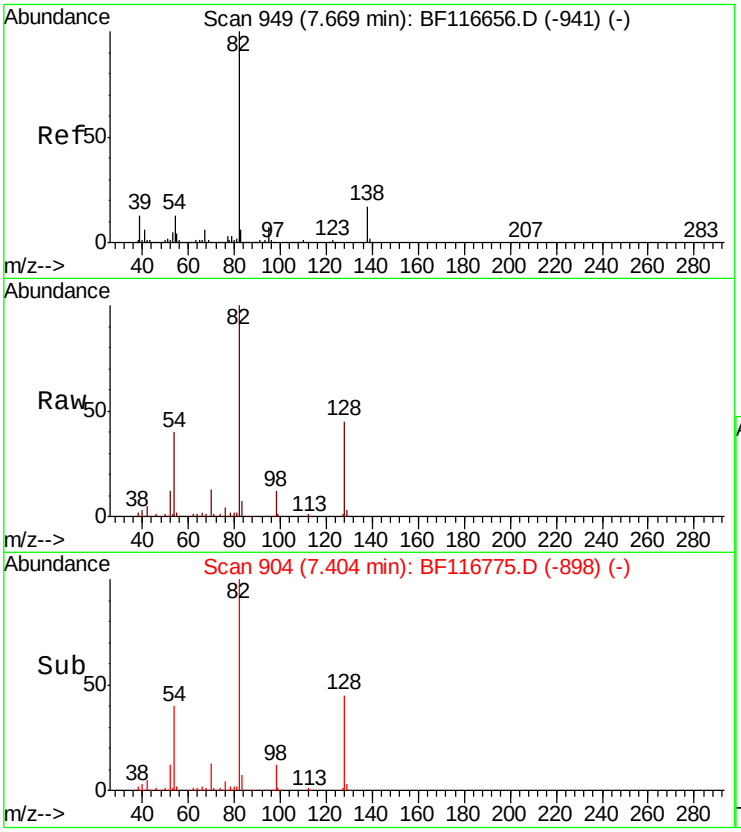


#23
Nitrobenzene-d5
Concen: 66.629 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion: 82 Resp: 496671

Ion	Ratio	Lower	Upper
82	100		
128	45.0	32.8	49.2
54	40.0	36.9	55.3



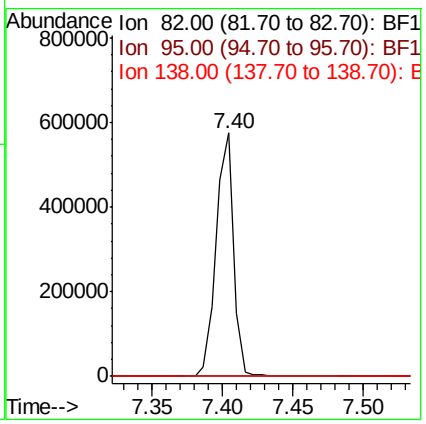


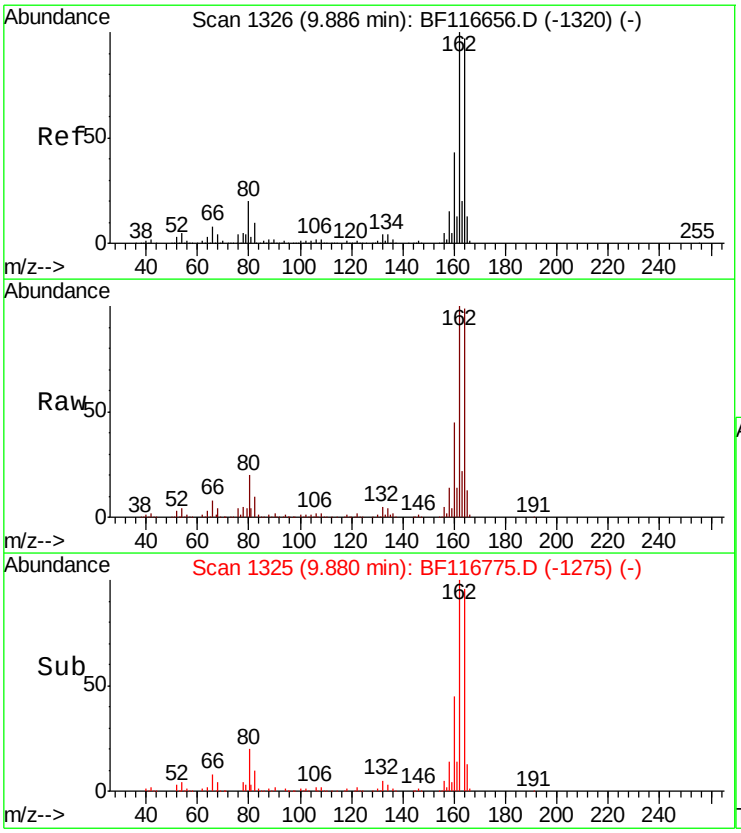
#25
Isophorone
Concen: 32.881 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 496663

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

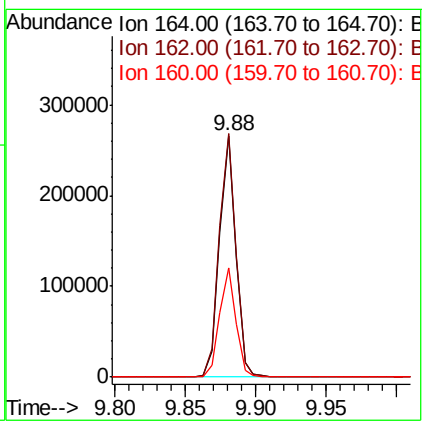


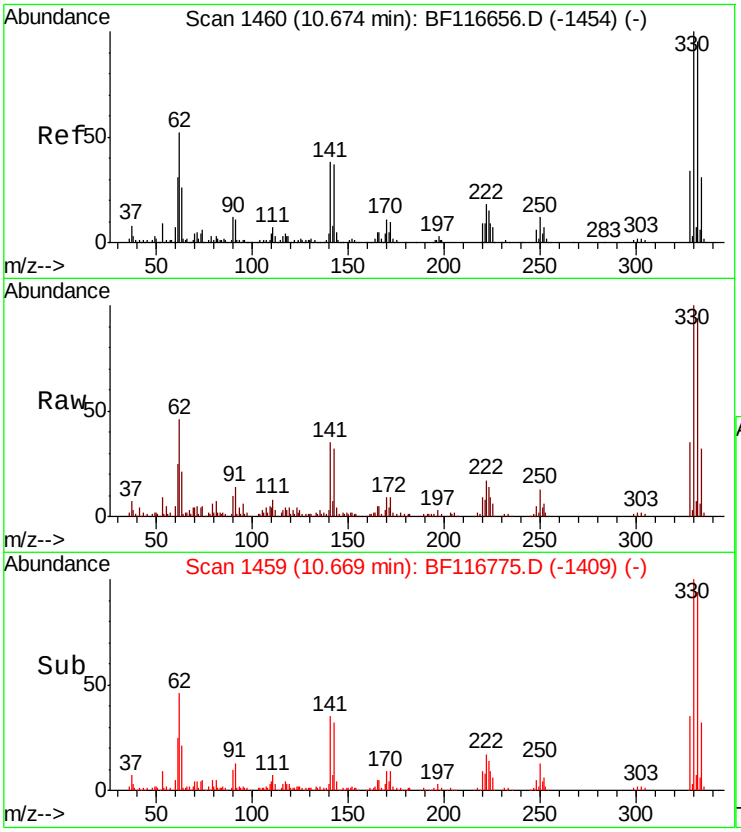


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:164 Resp: 215897

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	45.4	35.4	53.2



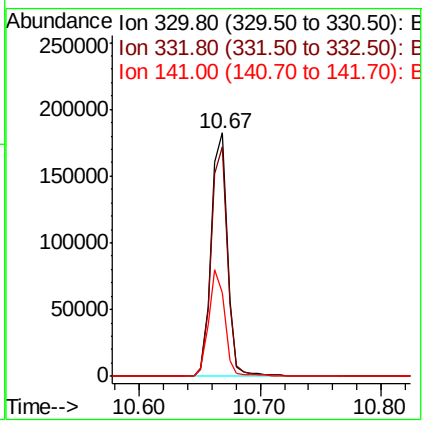


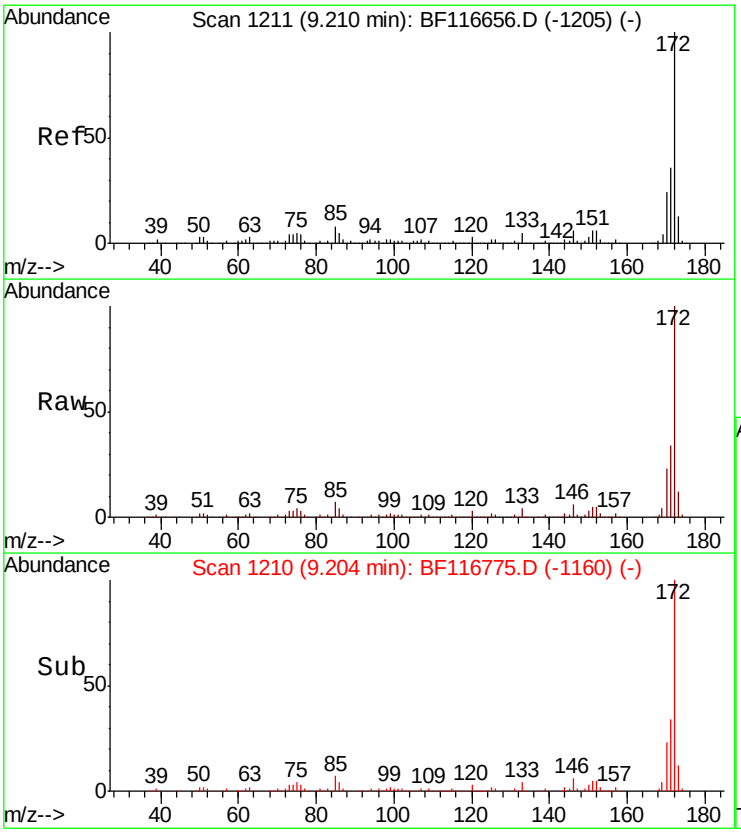
#42
2,4,6-Tribromophenol
Concen: 117.466 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 169541

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	43.4	31.4	47.2

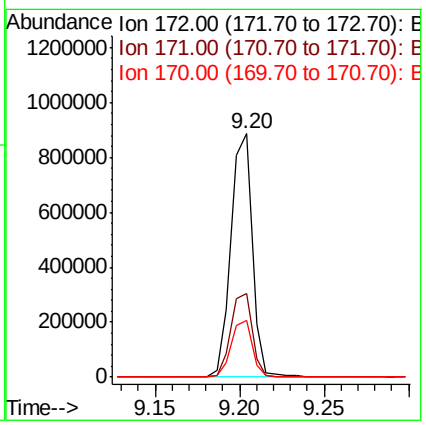


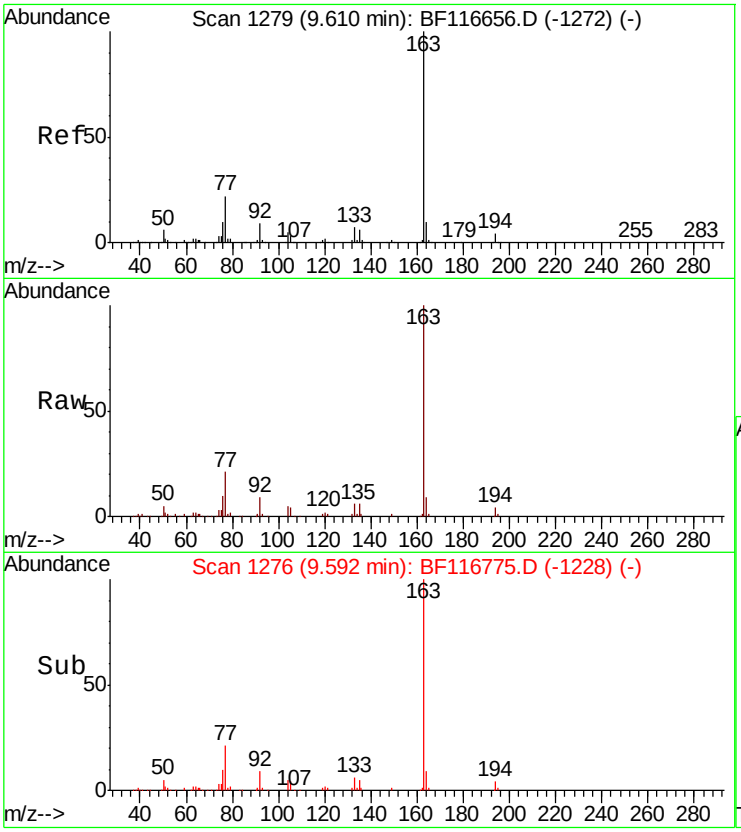


#45
2-Fluorobiphenyl
Concen: 60.563 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:172 Resp: 775121

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.2	18.9	28.3



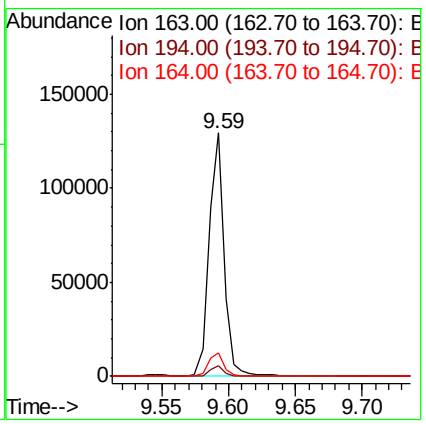


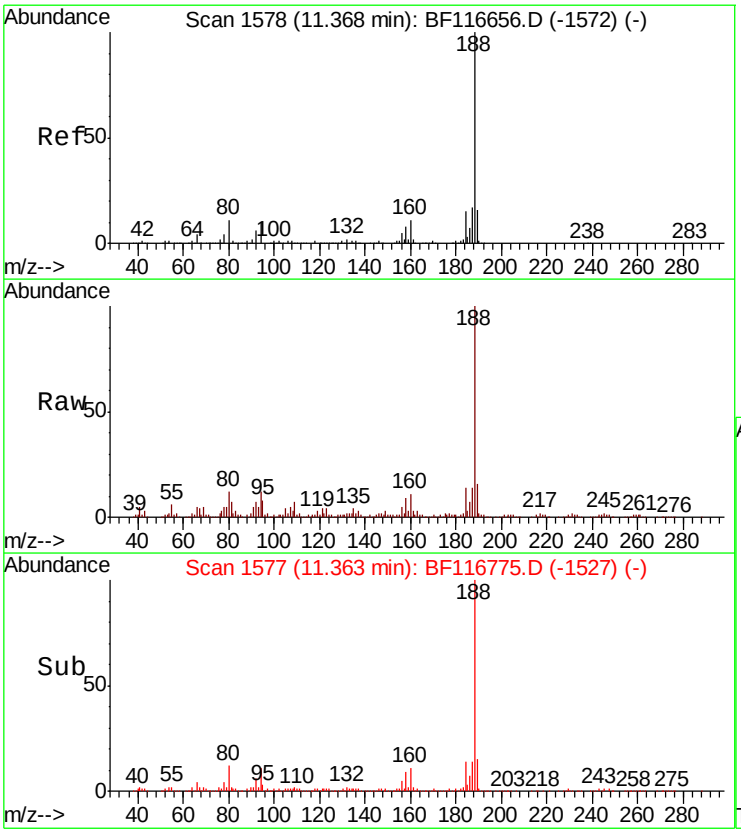
#50
Dimethylphthalate
Concen: 6.902 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 102874

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.8	4.2
164	9.4	8.6	12.8

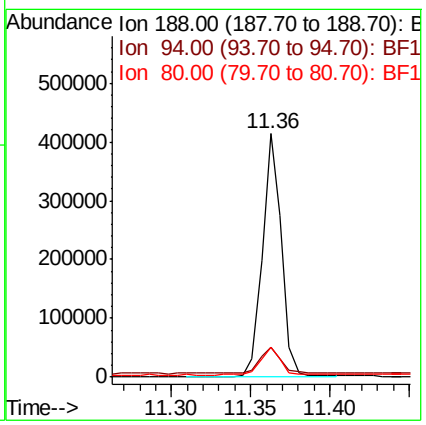


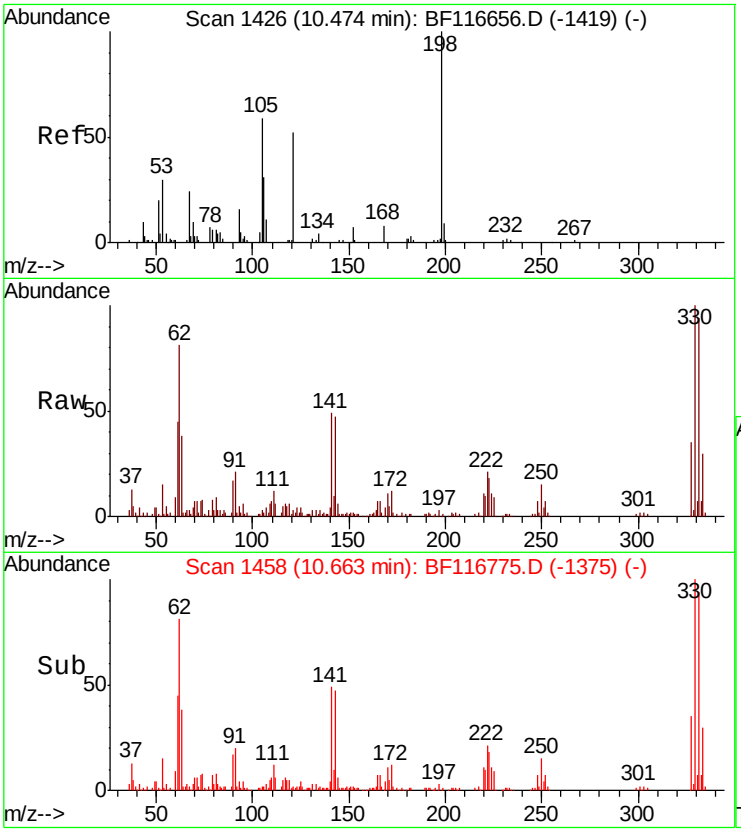


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:188 Resp: 346039

Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.3	10.9#
80	12.5	8.4	12.6



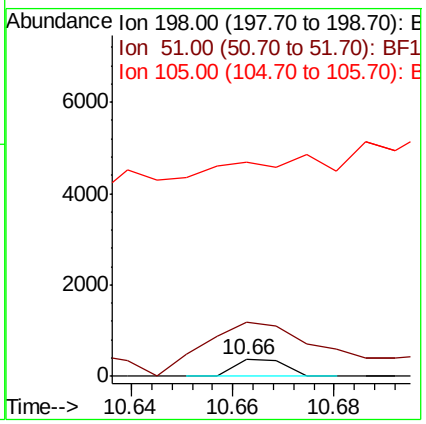


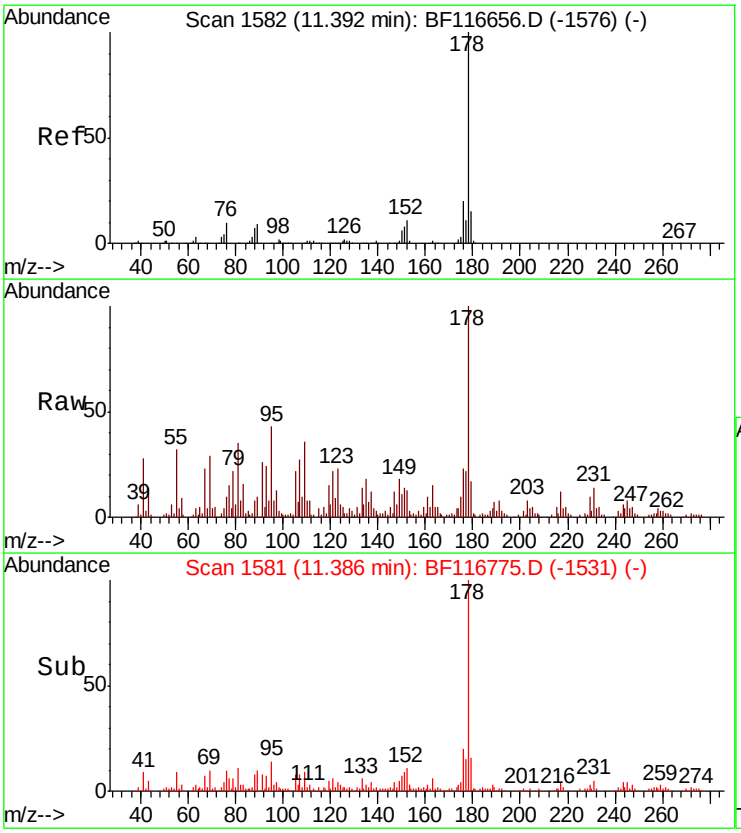
#65
4,6-Dinitro-2-methylphenol
Concen: 7.614 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 245

Ion	Ratio	Lower	Upper
198	100		
51	326.2	18.4	58.4#
105	1290.6	22.9	62.9#

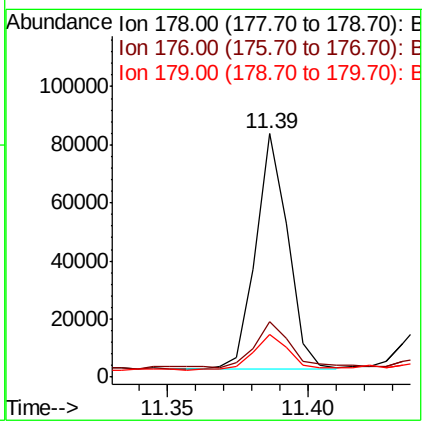


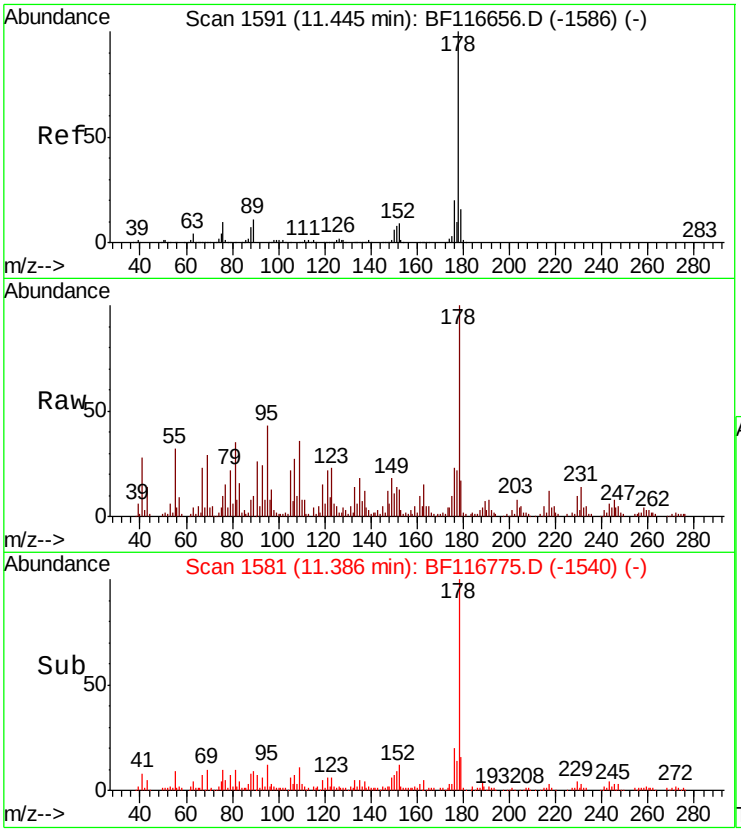


#71
Phenanthrene
Concen: 3.309 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:178 Resp: 63746

Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.4	23.0
179	17.4	12.2	18.2



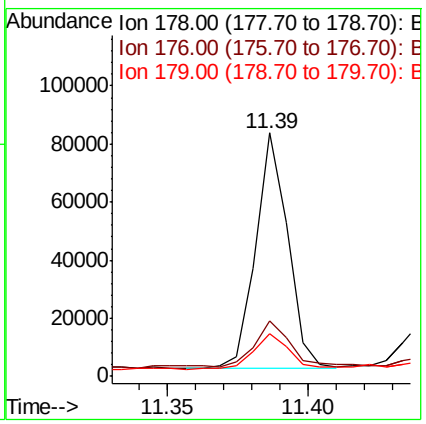


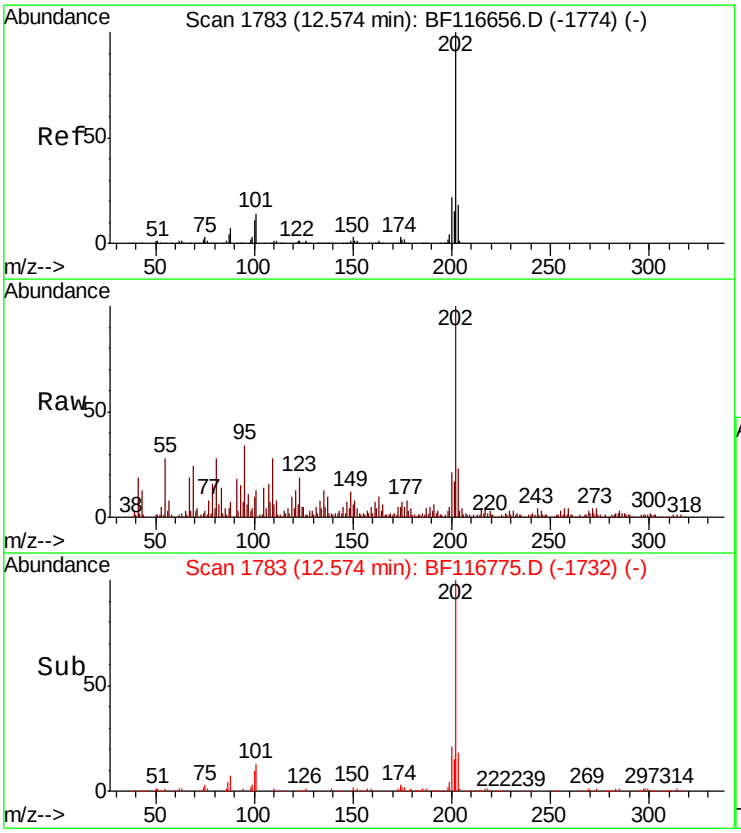
#72
Anthracene
Concen: 3.287 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.06 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 63746

Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.4	23.0
179	17.4	12.5	18.7

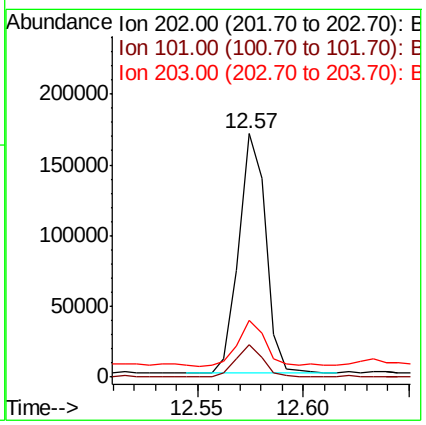


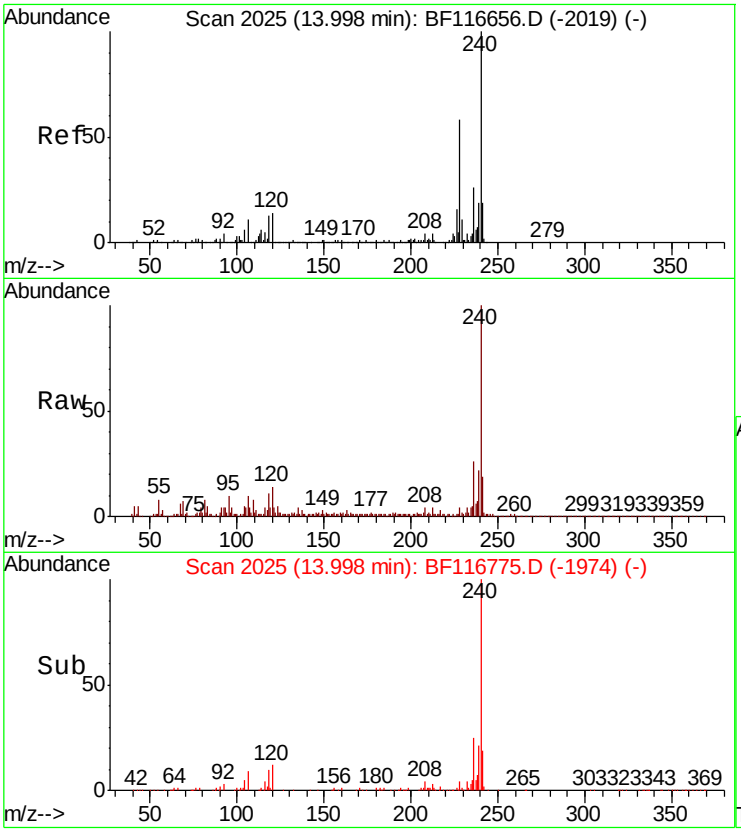


#75
Fluoranthene
Concen: 7.940 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:202 Resp: 150303

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.3
203	23.0	0.0	37.6



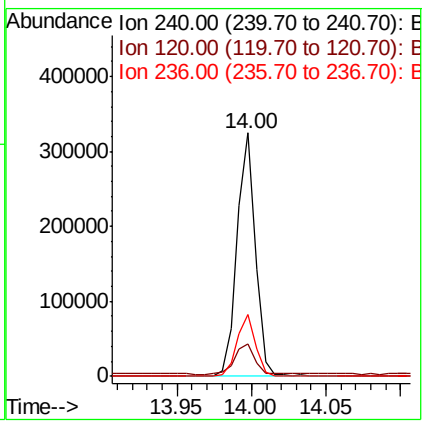


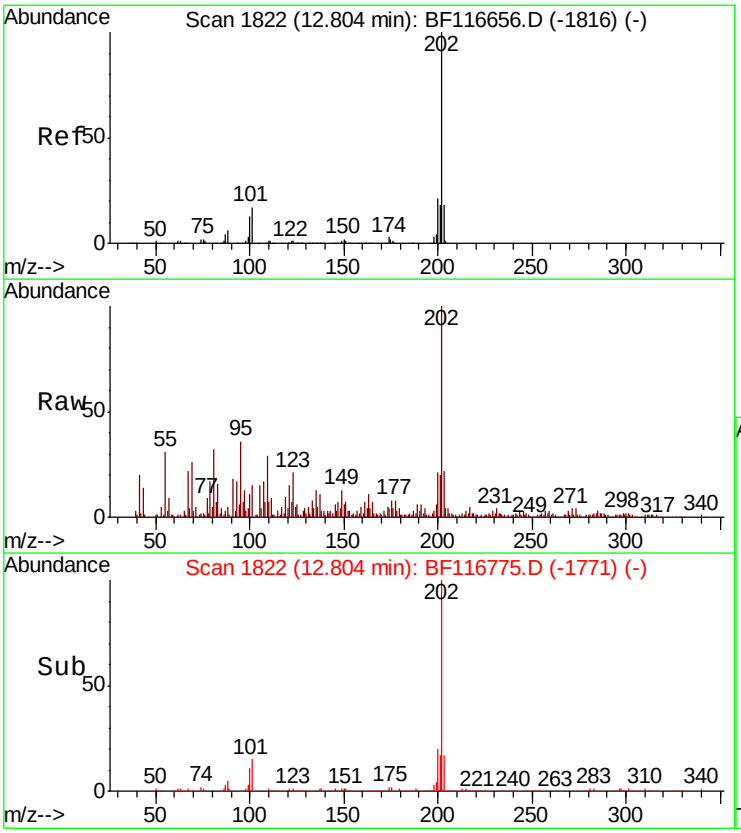
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 278501

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.1	13.7
236	25.6	21.1	31.7

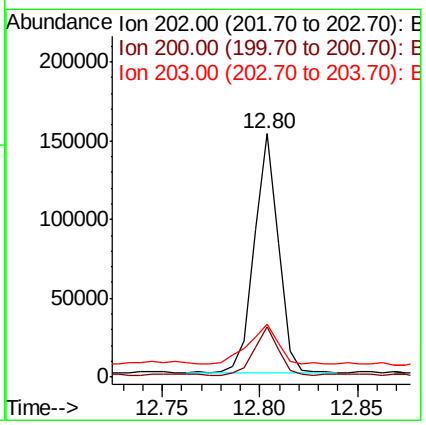


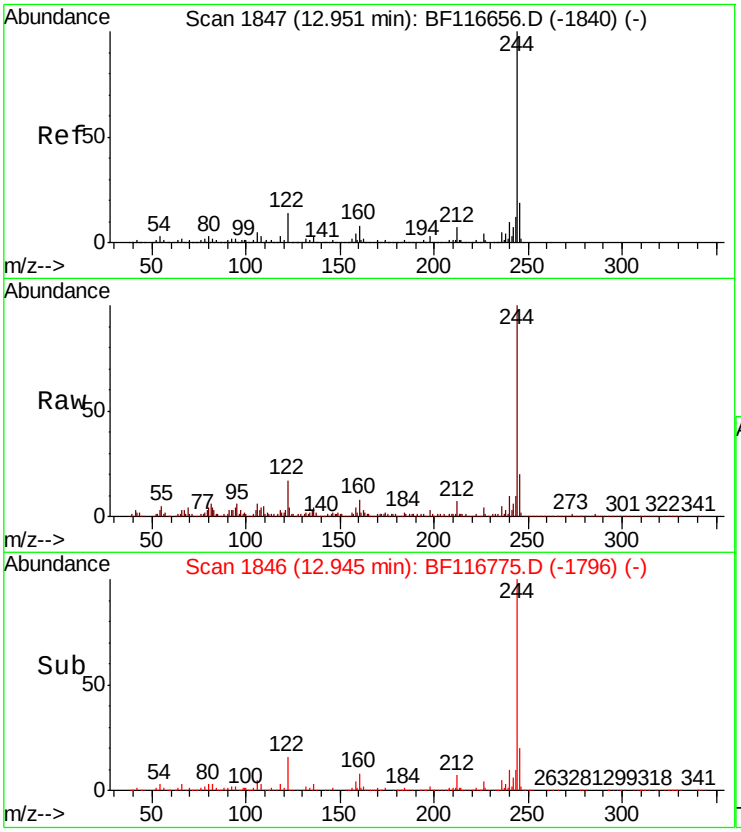


#78
Pyrene
Concen: 5.230 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:202 Resp: 129481

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	21.9	13.7	20.5#



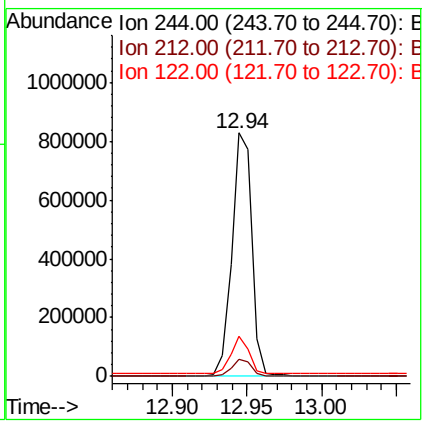


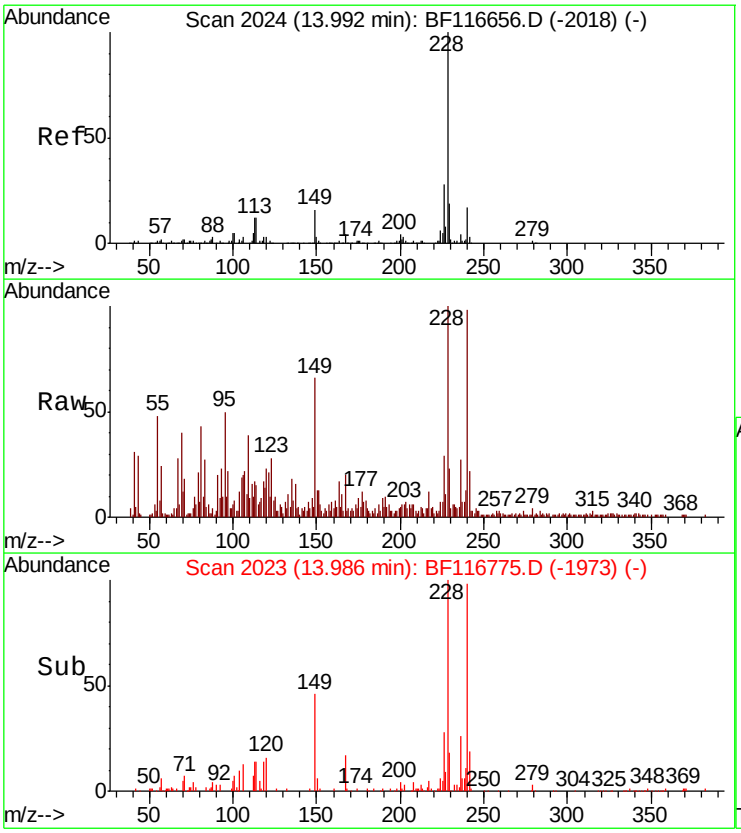
#79
Terphenyl-d14
Concen: 51.305 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 772369

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	16.6	10.2	15.4#

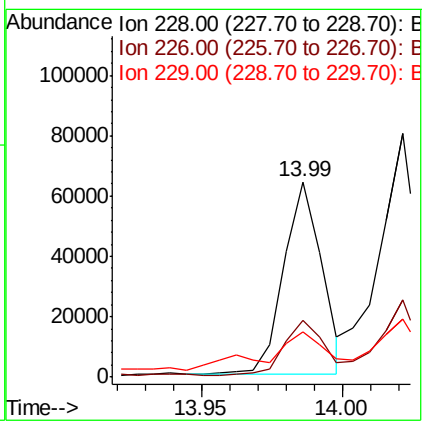


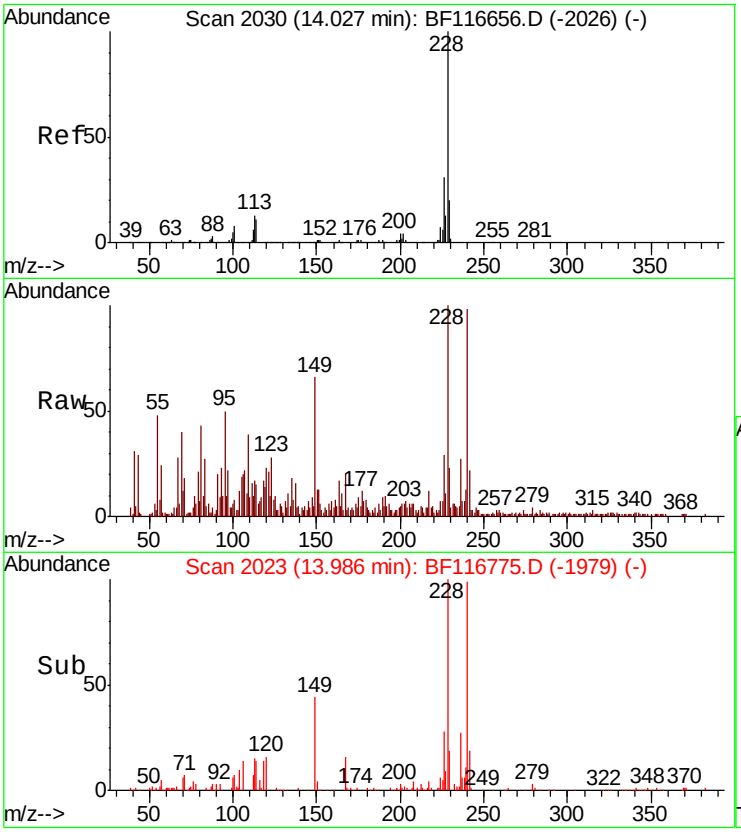


#81
Benzo(a)anthracene
Concen: 3.383 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:228 Resp: 59630

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.0	33.0
229	22.8	16.4	24.6



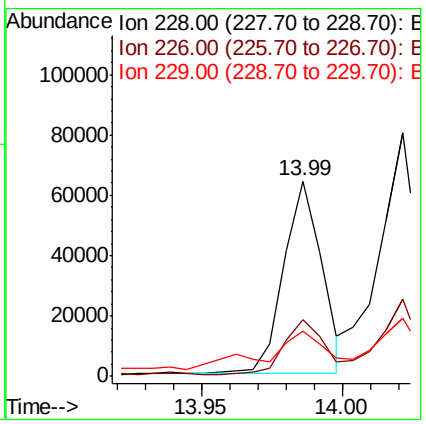


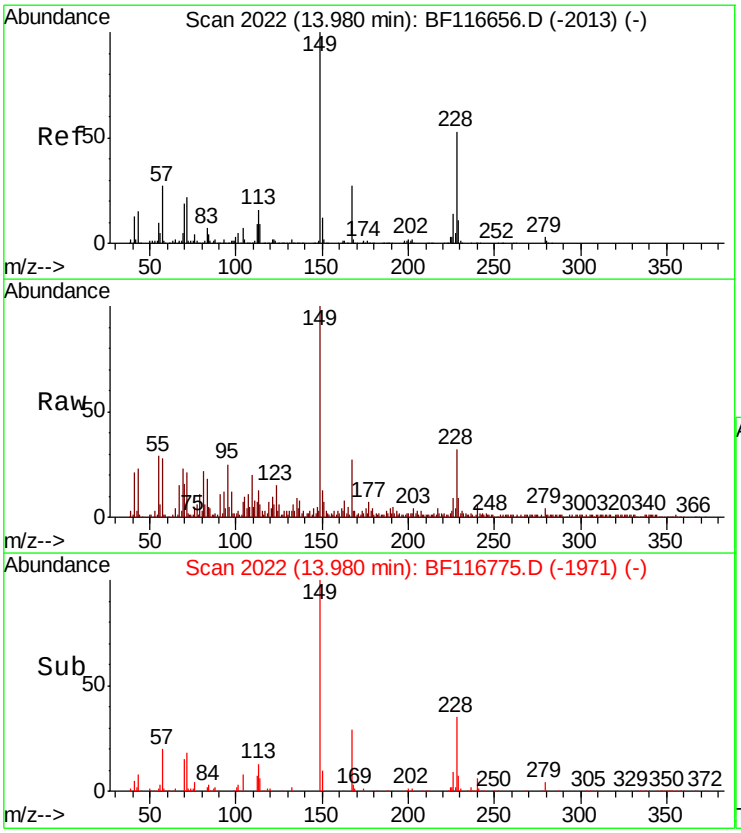
#83
Chrysene
Concen: 3.284 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 59630

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	22.8	15.4	23.0

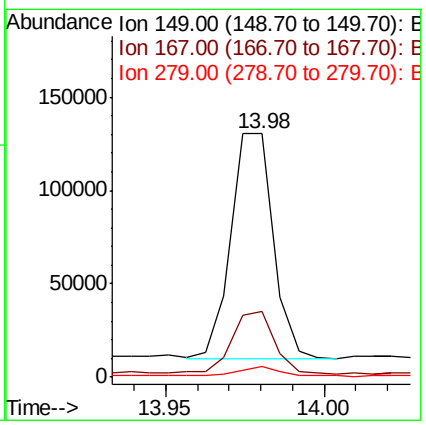


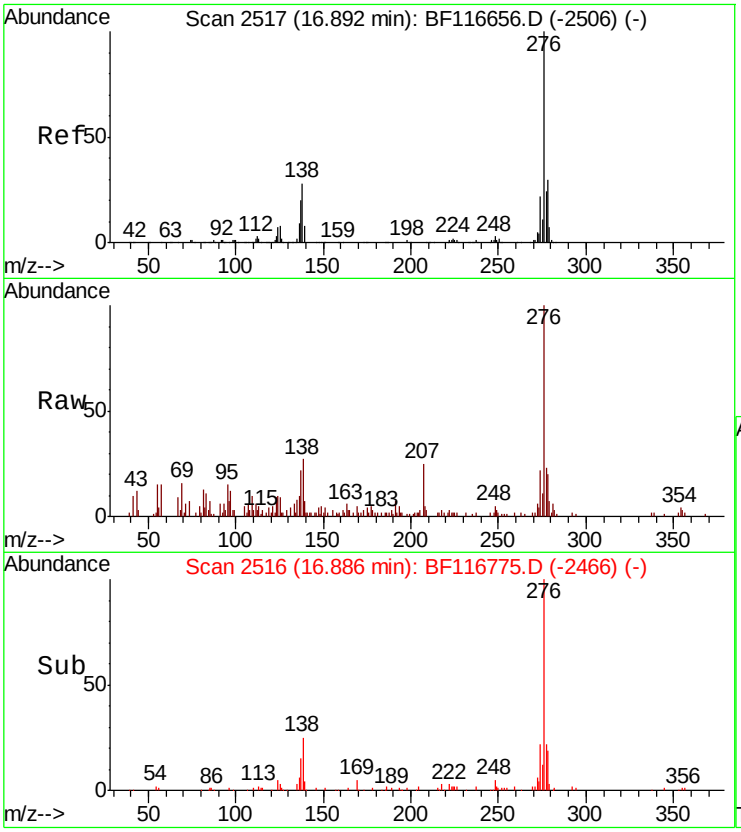


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.477 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:149 Resp: 111115

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.0	31.4
279	4.4	2.8	4.2#



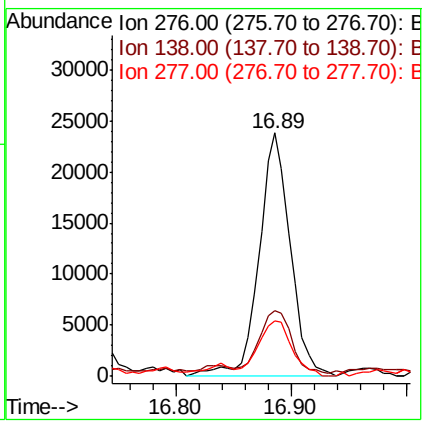


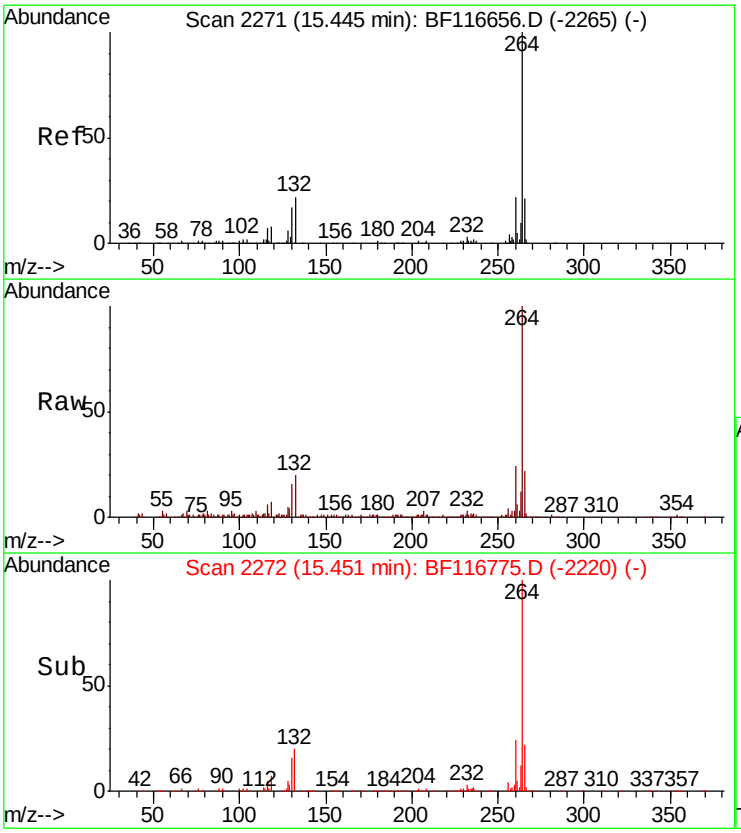
#86
Indeno(1,2,3-cd)pyrene
Concen: 3.095 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45141

Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.4	29.2
277	24.8	20.5	30.7

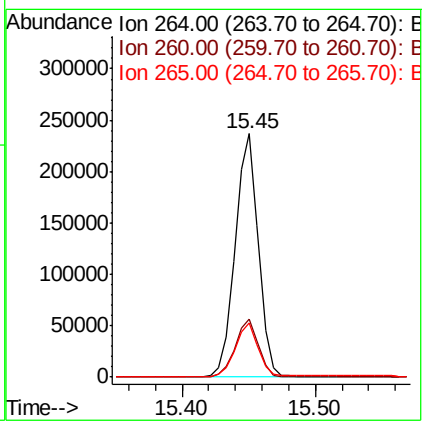


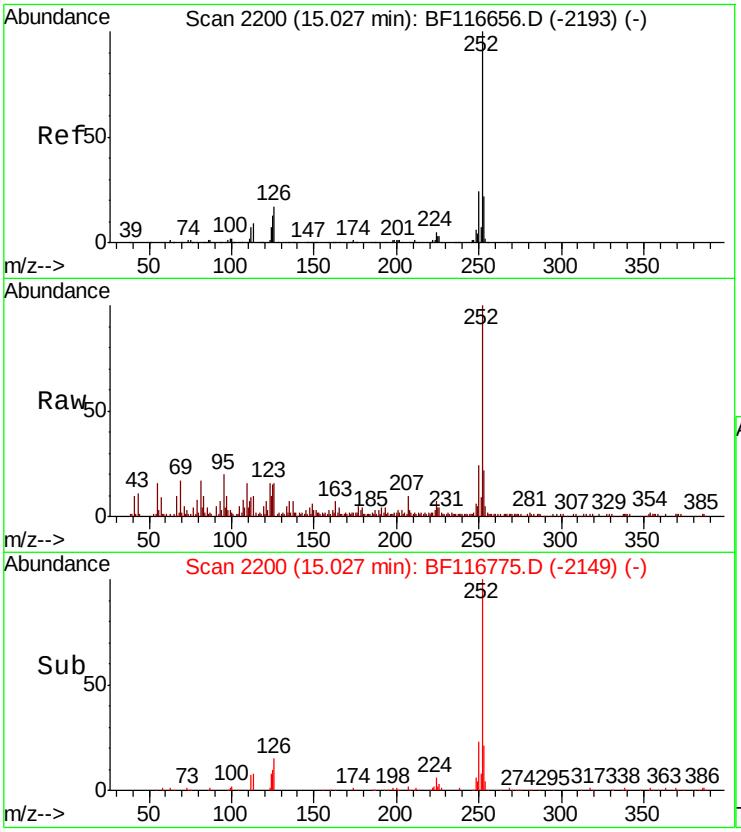


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:264 Resp: 286602

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	22.2	16.5	24.7



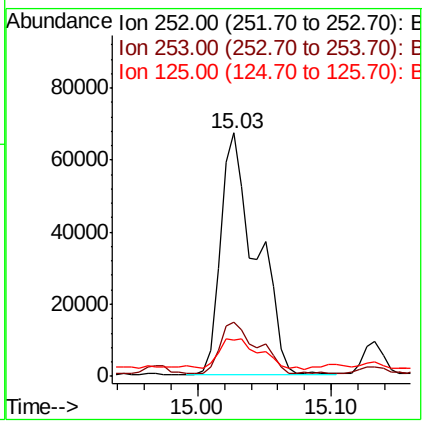


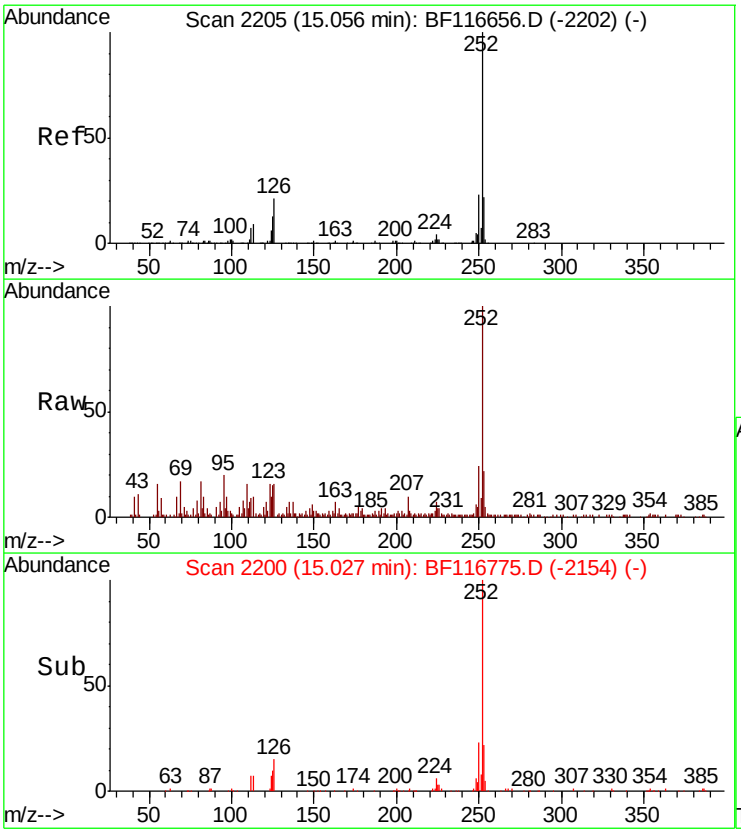
#88
Benzo(b)fluoranthene
Concen: 7.218 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 125071

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	15.1	8.2	12.2#

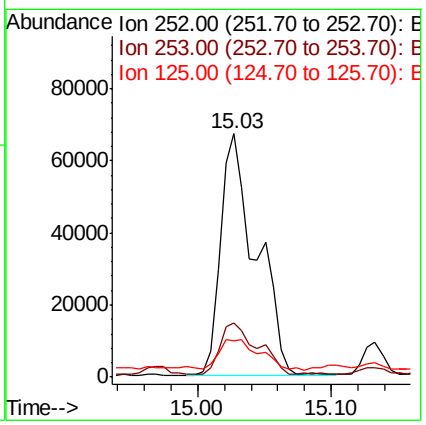


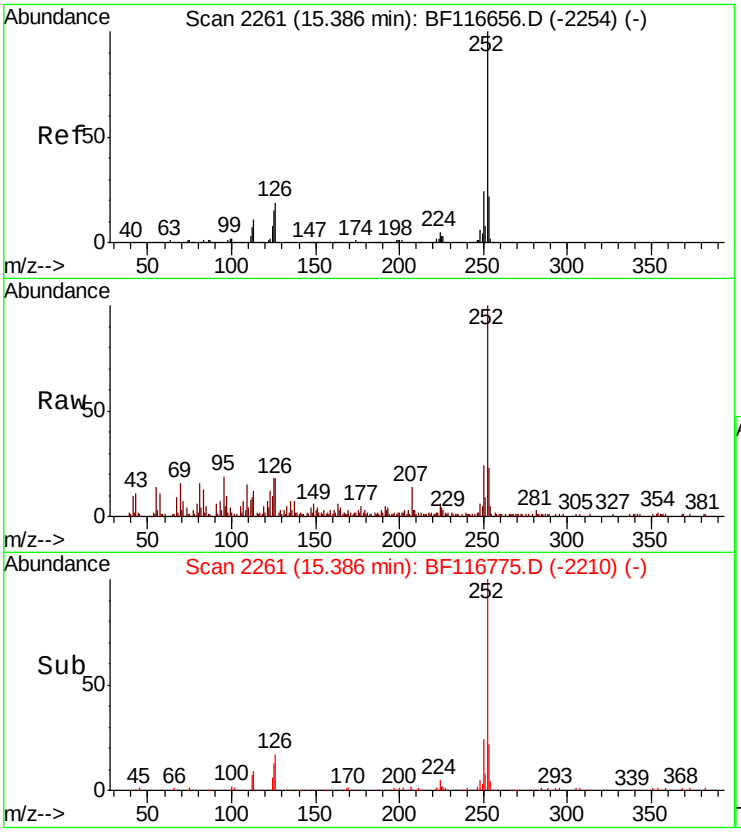


#89
Benzo(k)fluoranthene
Concen: 7.916 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:252 Resp: 125071

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	15.1	8.6	13.0#



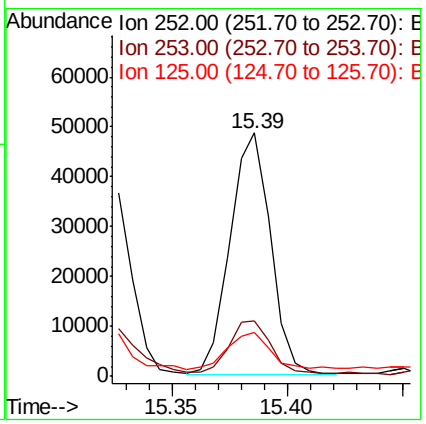


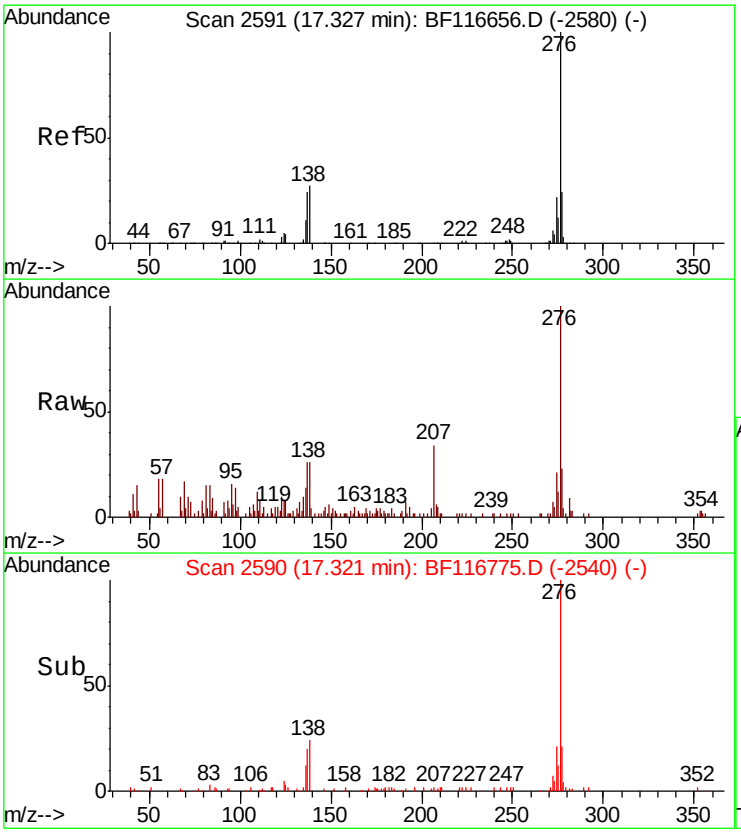
#90
Benzo(a)pyrene
Concen: 3.947 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59505

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	17.8	9.8	14.8#





#92
Benzo(g,h,i)perylene
Concen: 3.059 ng
RT: 17.32 min Scan# 2590
Delta R.T. -0.01 min
Lab File: BF116775.D
Acq: 3 Sep 2019 16:31

Tgt Ion:276 Resp: 41162

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.5	27.7
138	26.3	16.2	24.2#