Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
Data File : BF116785.D
Acq On : 3 Sep 2019 20:59
Operator : HP/JU
Sample : K4554-20 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 06:04:23 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	115386	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	472813	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	243840	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	378892	20.00	ng		0.00
76) Chrysene-d12	13.99	240	286687	20.00	ng		0.00
87) Perylene-d12	15.45	264	276669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	355899	49.97	ng		0.00
7) Phenol-d6	6.47	99	479611	51.28	ng		-0.01
23) Nitrobenzene-d5	7.40	82	282656	34.13	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	93577	57.40	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	508975	35.21	ng		-0.01
79) Terphenyl-d14	12.94	244	444423	28.68	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.48	94	42271	4.082	ng		98
19) n-Nitroso-di-n-propylamine	7.40	70	36284	5.892	ng	#	69
25) Isophorone	7.40	82	282653	16.842	ng	#	66
50) Dimethylphthalate	9.59	163	42102	2.501	ng	#	98
51) 2,6-Dinitrotoluene	9.88	165	32457	10.105	ng	#	21
52) Acenaphthene	9.91	154	36047	2.648	ng		94
56) 4-Nitrophenol	10.09	139	10086	3.654	ng	#	4
57) 2,4-Dinitrotoluene	9.88	165	32457	8.264	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.66	198	122	7.525	ng	#	1
71) Phenanthrene	11.39	178	145084	6.879	ng		99
72) Anthracene	11.44	178	43074	2.029	ng		97
75) Fluoranthene	12.57	202	158145	7.630	ng		100
78) Pyrene	12.80	202	122658	4.813	ng		98
81) Benzo(a)anthracene	13.98	228	52234	2.879	ng		98
83) Chrysene	13.98	228	52234	2.794	ng		95
88) Benzo(b)fluoranthene	15.03	252	69814	4.174	ng	#	87
89) Benzo(k)fluoranthene	15.03	252	69814	4.578	ng	#	87
90) Benzo(a)pyrene	15.39	252	35280	2.424	ng	#	88

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
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Acq On : 3 Sep 2019 20:59
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
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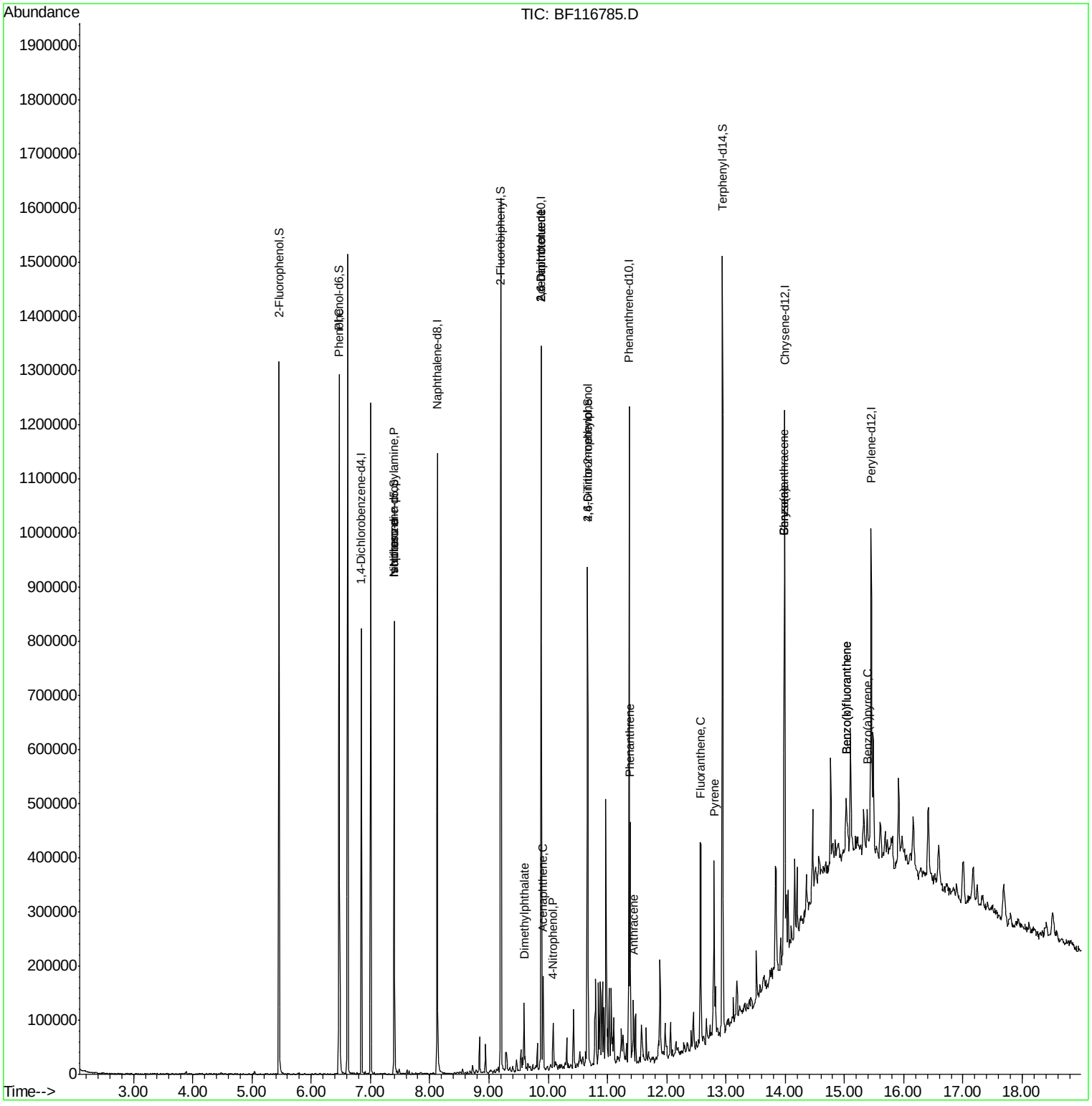
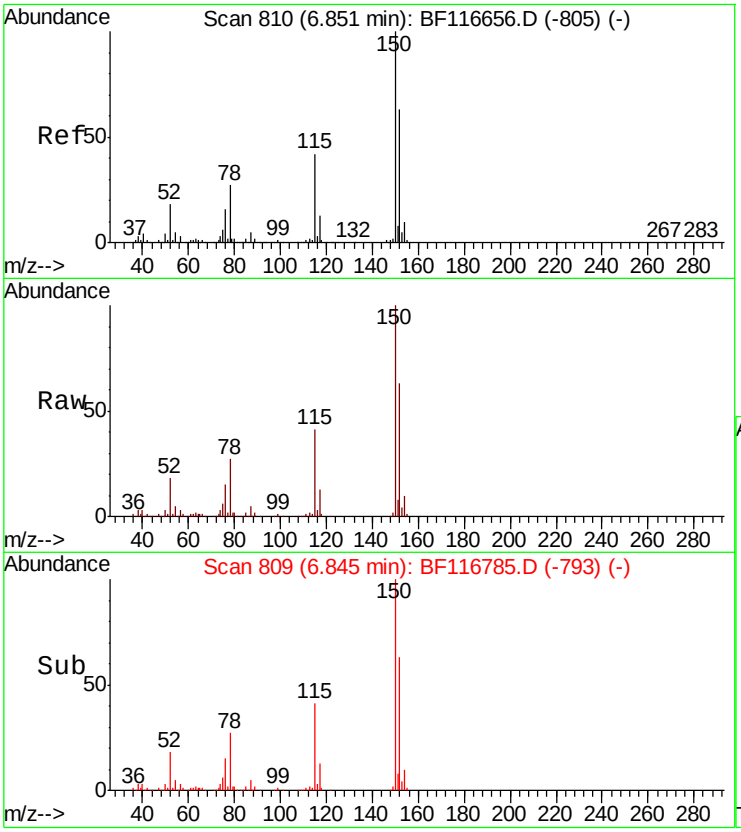


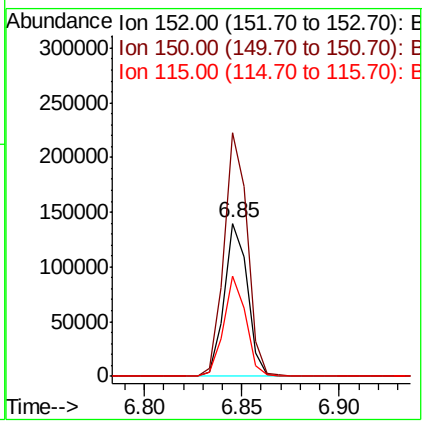


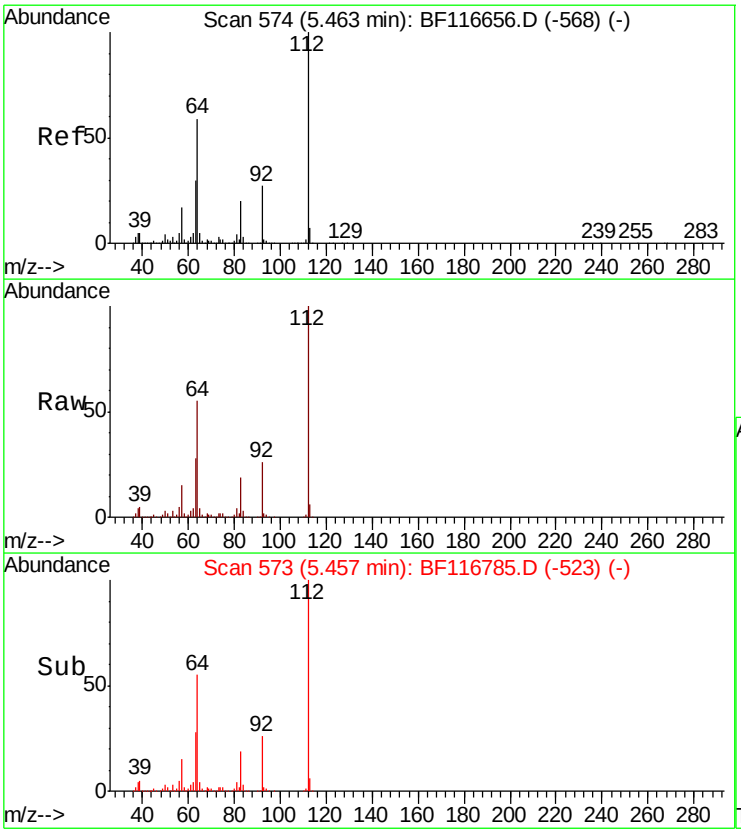
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115386

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.4	186.6
115	65.7	49.9	74.9

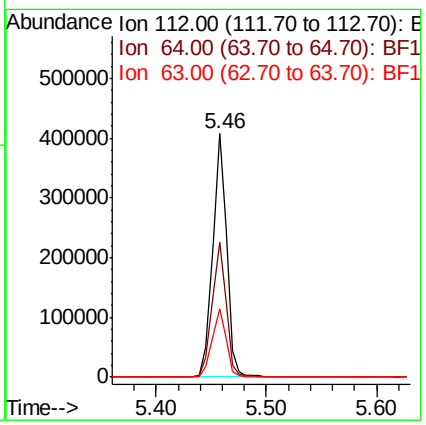


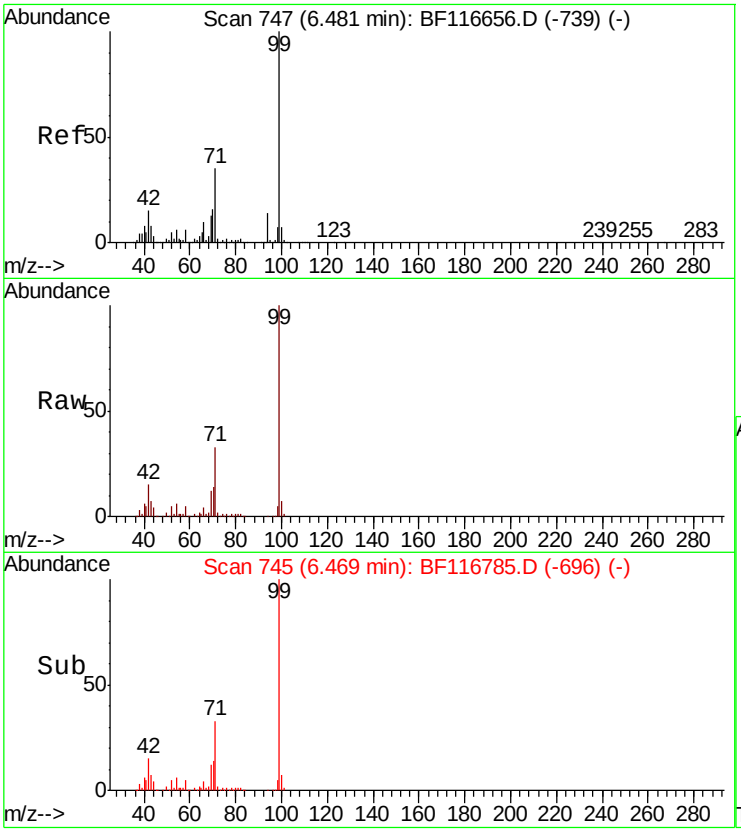


#5
2-Fluorophenol
Concen: 49.969 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:112 Resp: 355899

Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.1	70.7
63	28.0	24.9	37.3



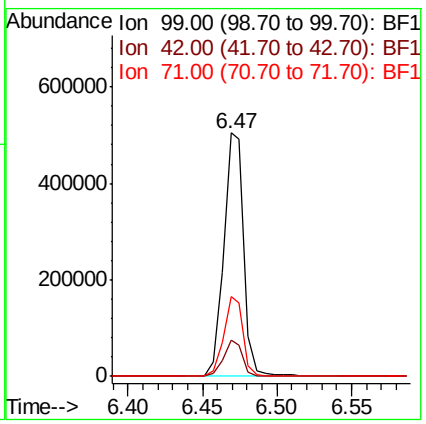


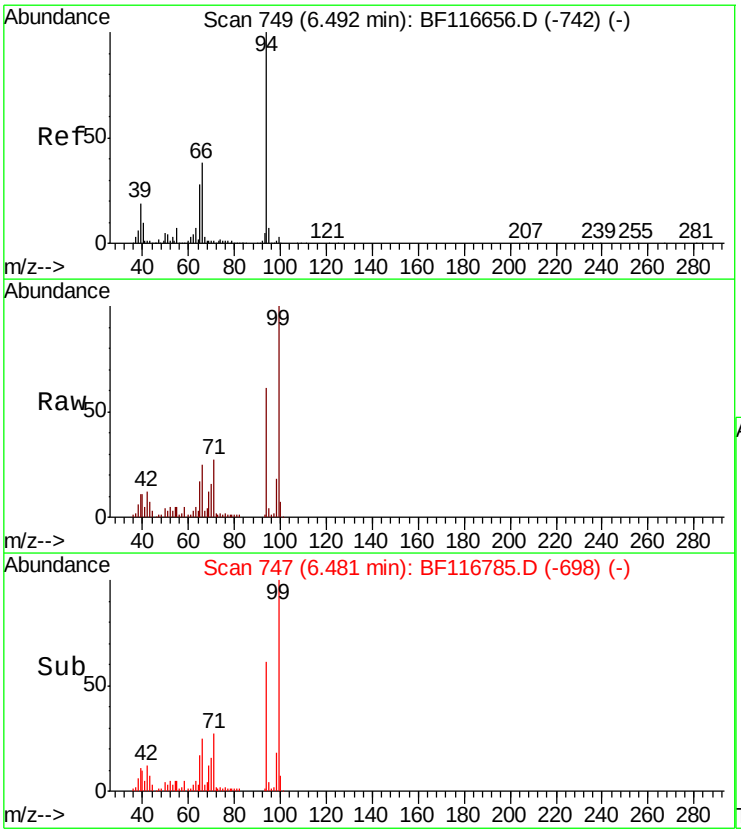
#7
Phenol-d6
Concen: 51.282 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 479611

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.7	20.5
71	33.0	30.8	46.2

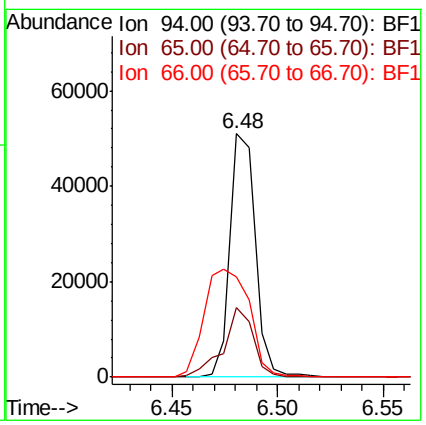


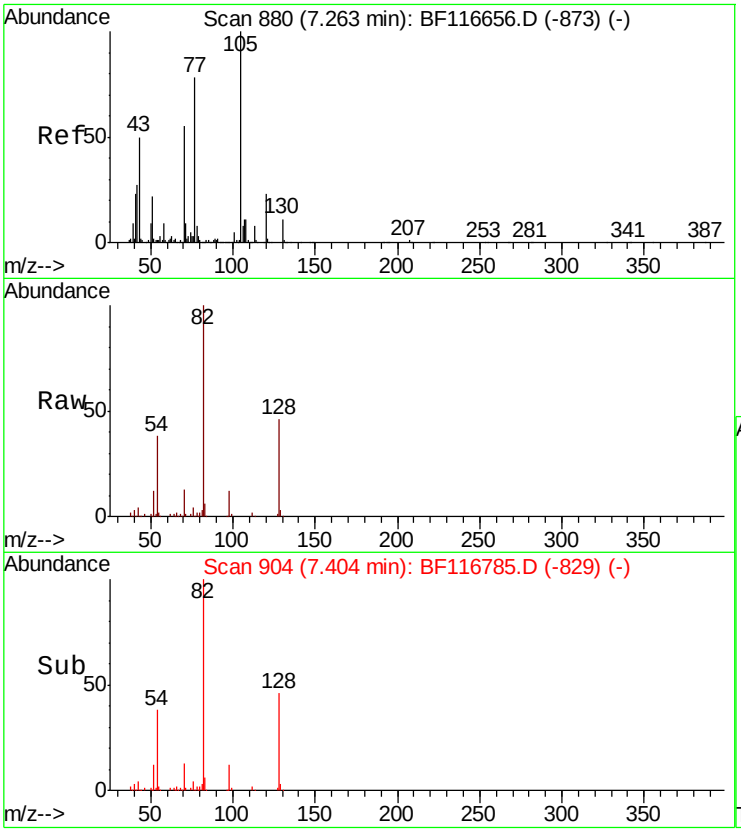


#10
Phenol
Concen: 4.082 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion: 94 Resp: 42271

Ion	Ratio	Lower	Upper
94	100		
65	28.5	10.8	50.8
66	41.0	21.1	61.1



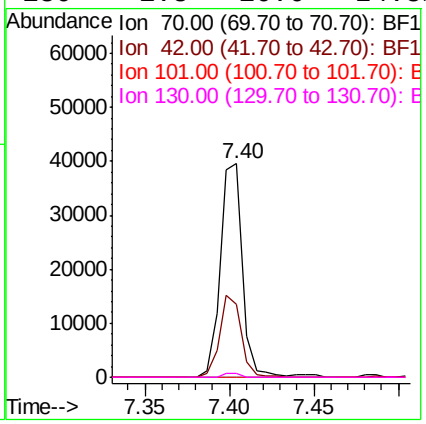


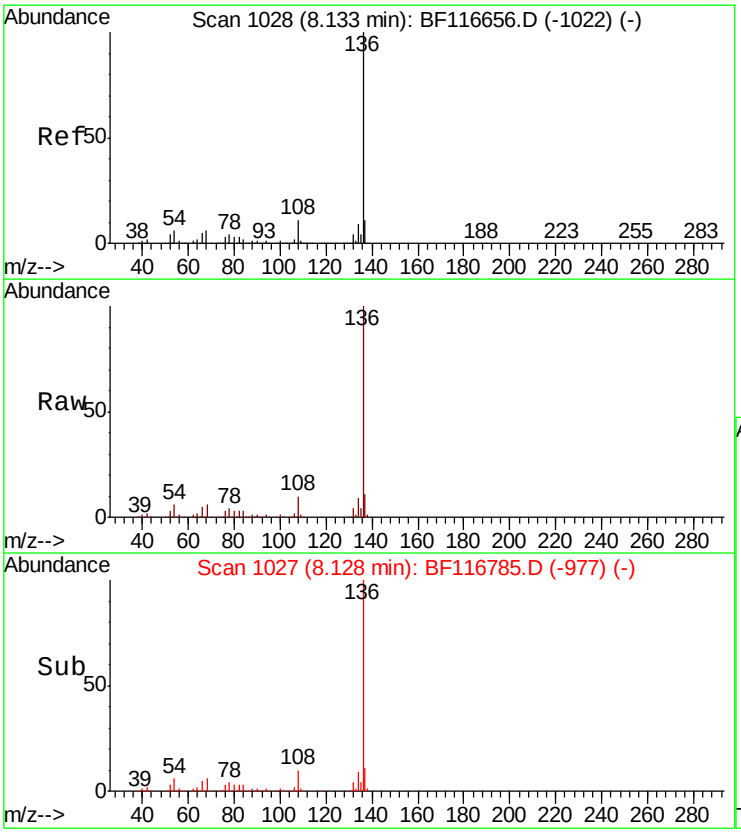
#19
n-Nitroso-di-n-propylamine
Concen: 5.892 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 36284

Ion	Ratio	Lower	Upper
70	100		
42	34.2	43.5	65.3#
101	0.0	7.8	11.6#
130	1.8	16.6	24.8#

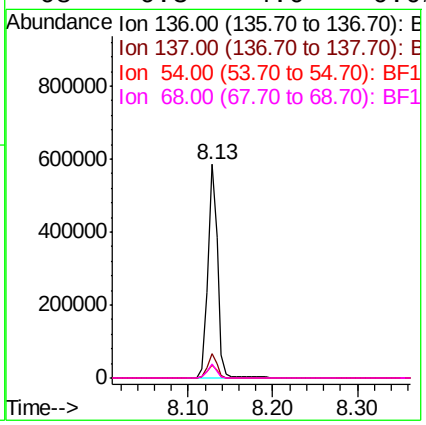


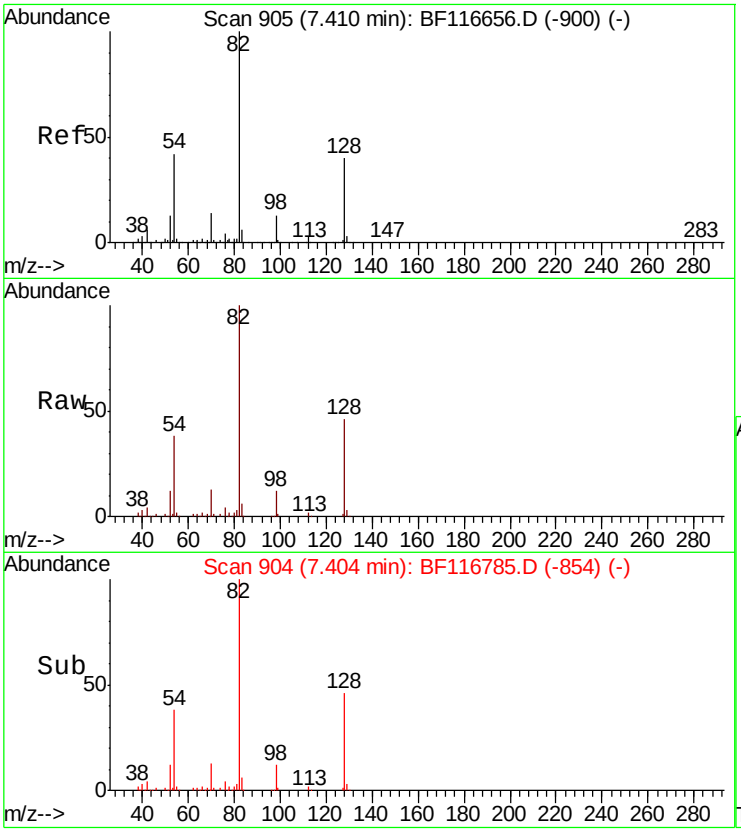


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:136 Resp: 472813

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.2	4.8	7.2
68	6.3	4.0	6.0#



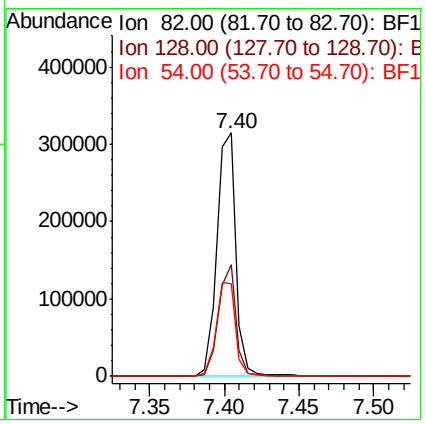


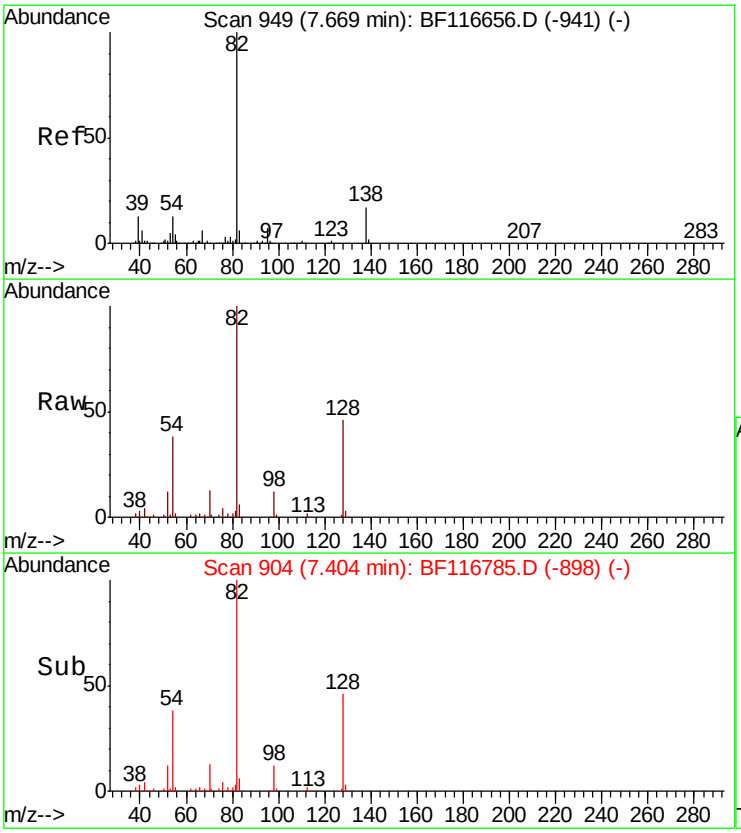
#23
Nitrobenzene-d5
Concen: 34.128 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 282656

Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.8	49.2
54	38.0	36.9	55.3

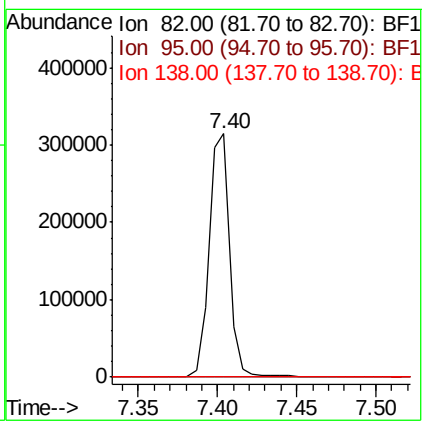


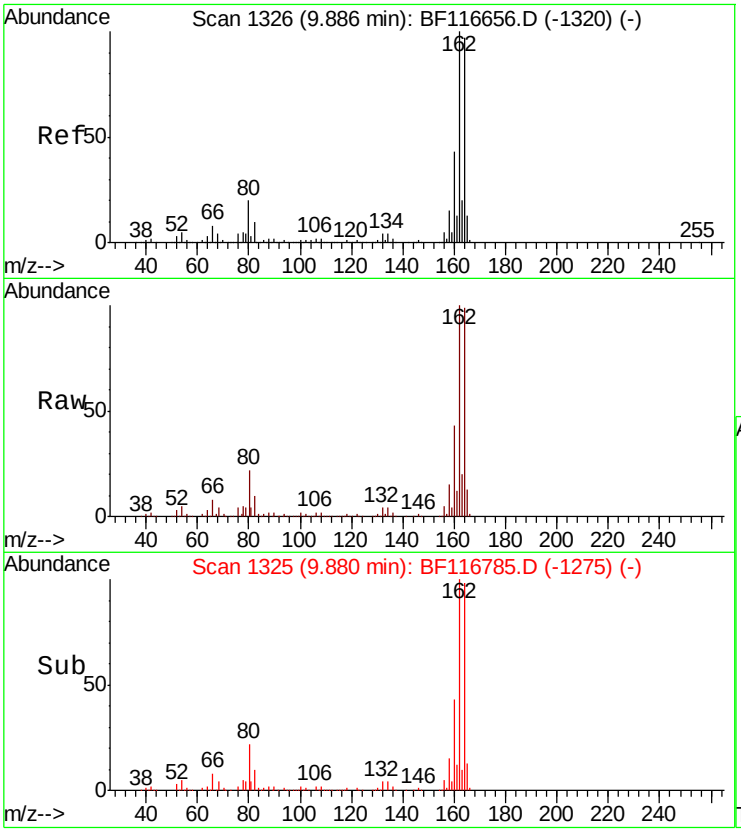


#25
Isophorone
Concen: 16.842 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion: 82 Resp: 282653

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



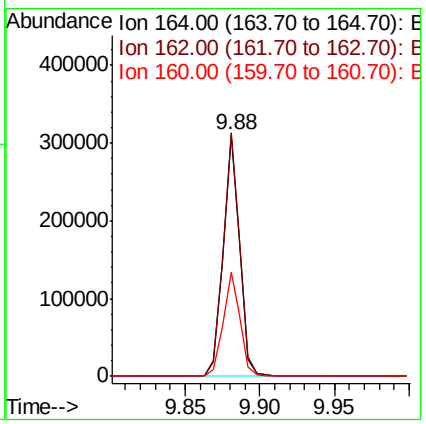


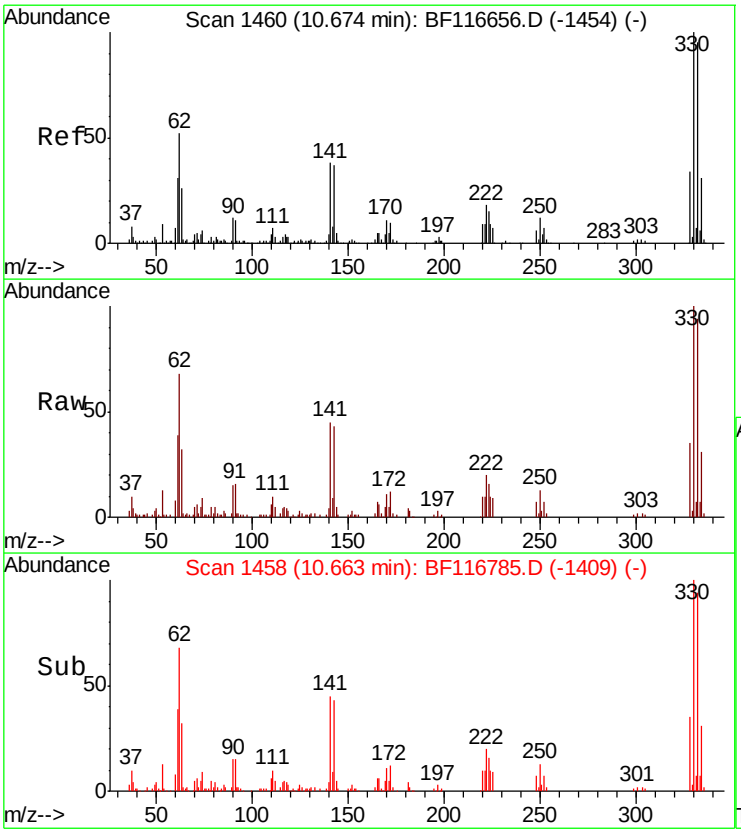
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 243840

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	43.3	35.4	53.2

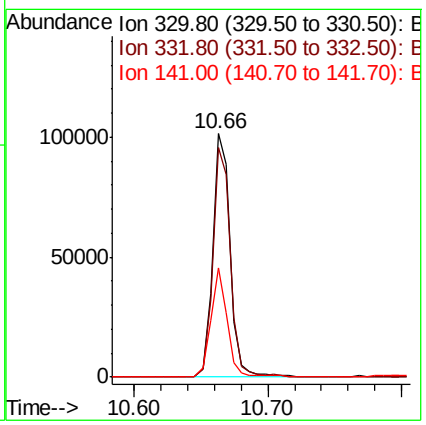


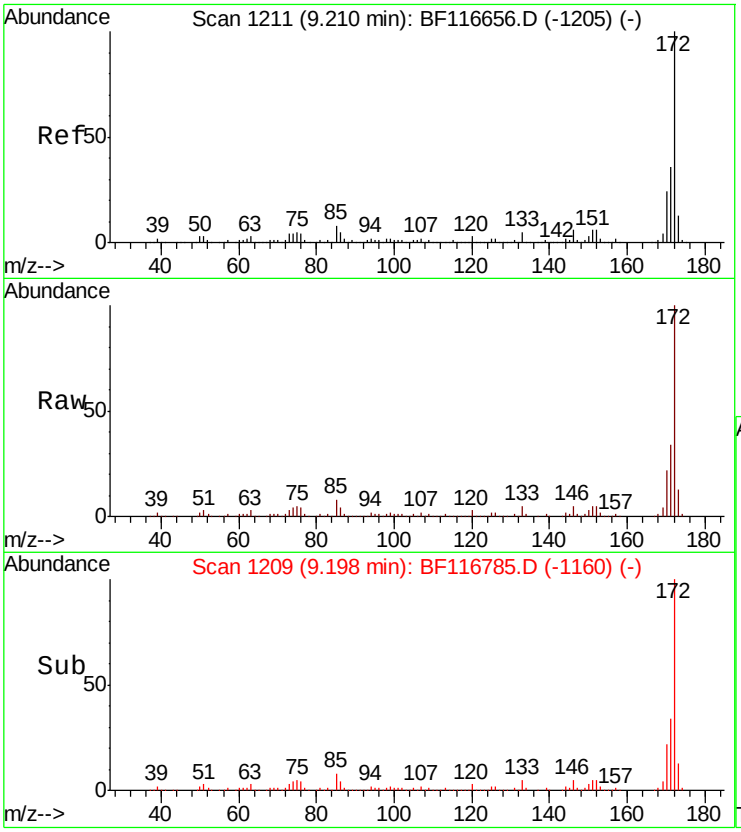


#42
2,4,6-Tribromophenol
Concen: 57.405 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:330 Resp: 93577

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.9	115.3
141	41.2	31.4	47.2



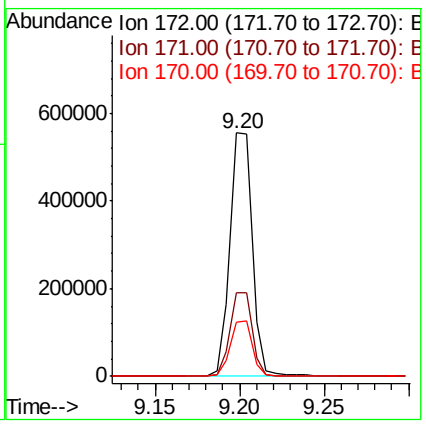


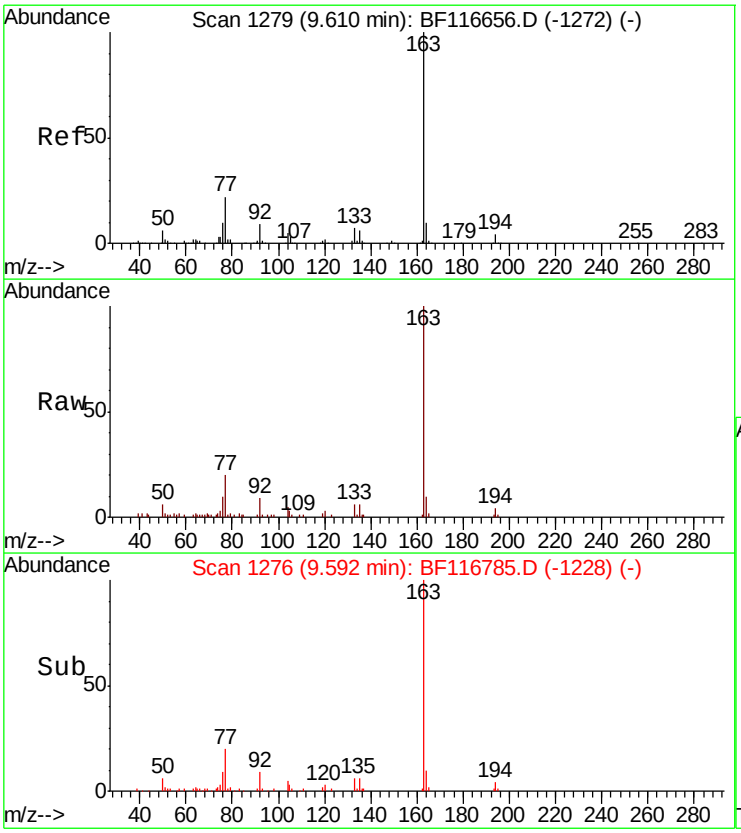
#45
2-Fluorobiphenyl
Concen: 35.211 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 508975

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.6
170	22.3	18.9	28.3

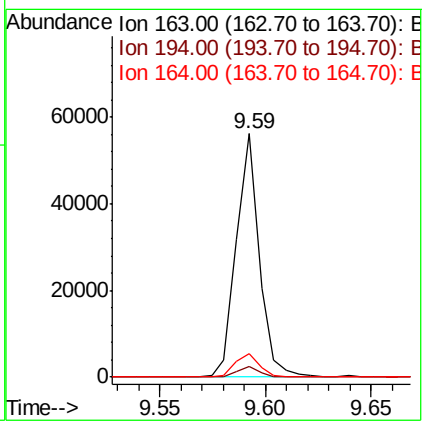


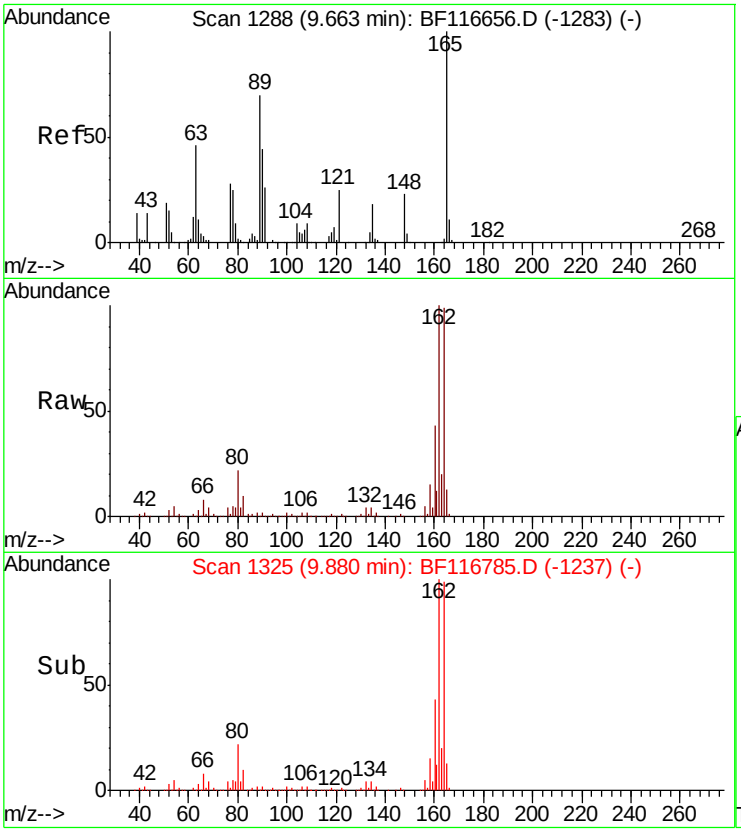


#50
Dimethylphthalate
Concen: 2.501 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:163 Resp: 42102

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.8	4.2#
164	9.8	8.6	12.8



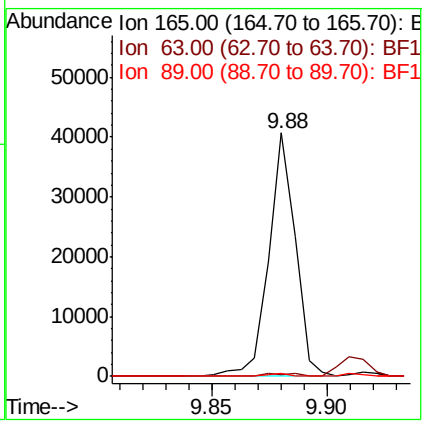


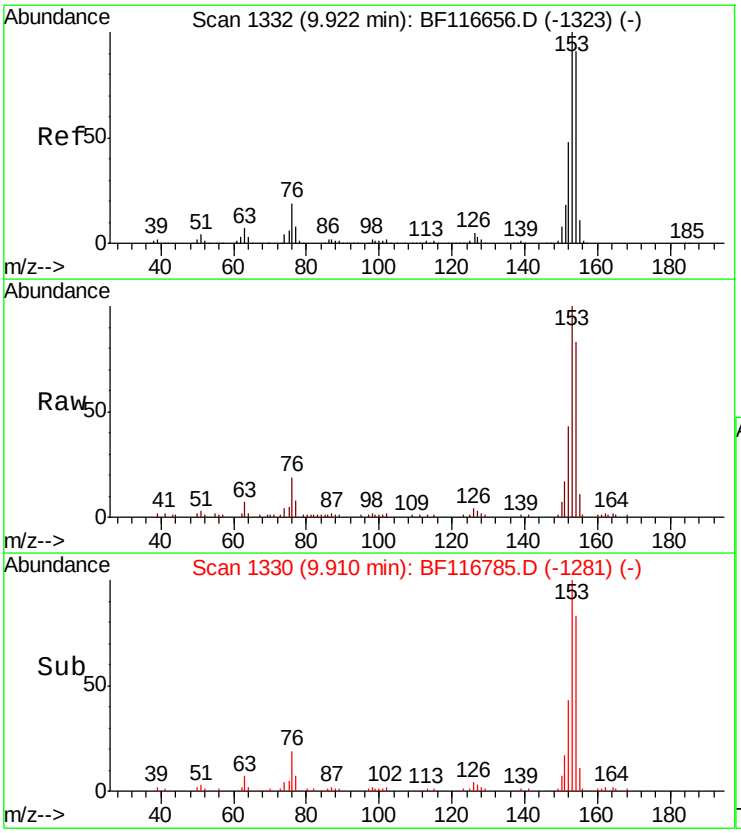
#51
2,6-Dinitrotoluene
Concen: 10.105 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.22 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 32457

Ion	Ratio	Lower	Upper
165	100		
63	0.9	47.3	70.9#
89	1.5	52.5	78.7#

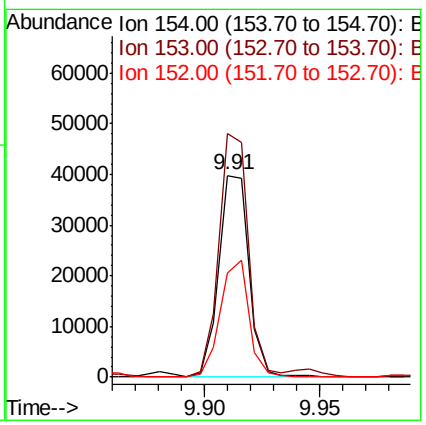


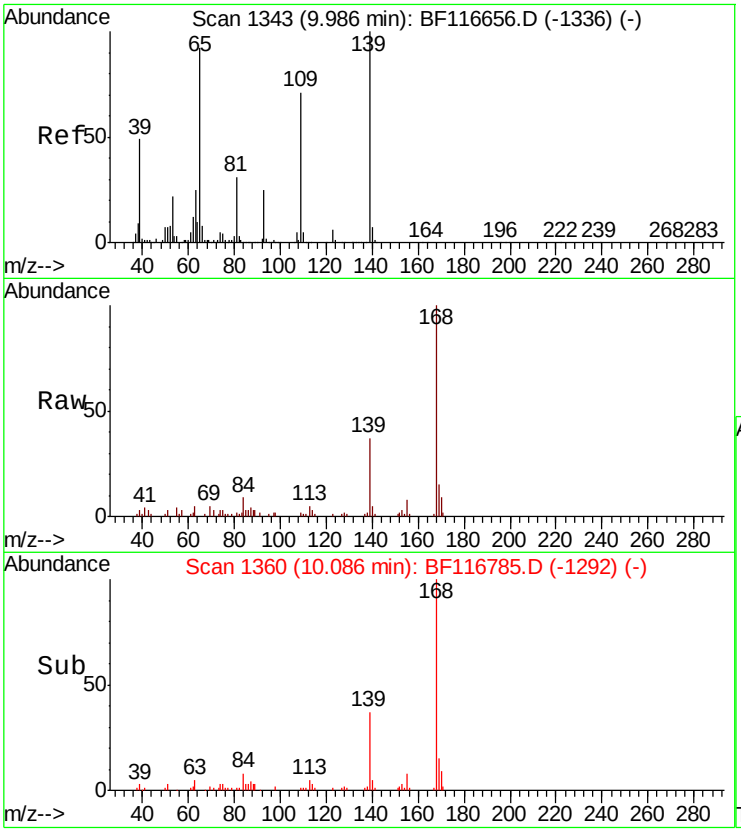


#52
Acenaphthene
Concen: 2.648 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:154 Resp: 36047

Ion	Ratio	Lower	Upper
154	100		
153	120.8	89.5	134.3
152	51.6	41.9	62.9



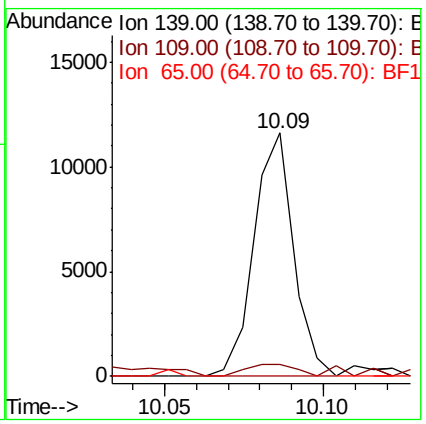


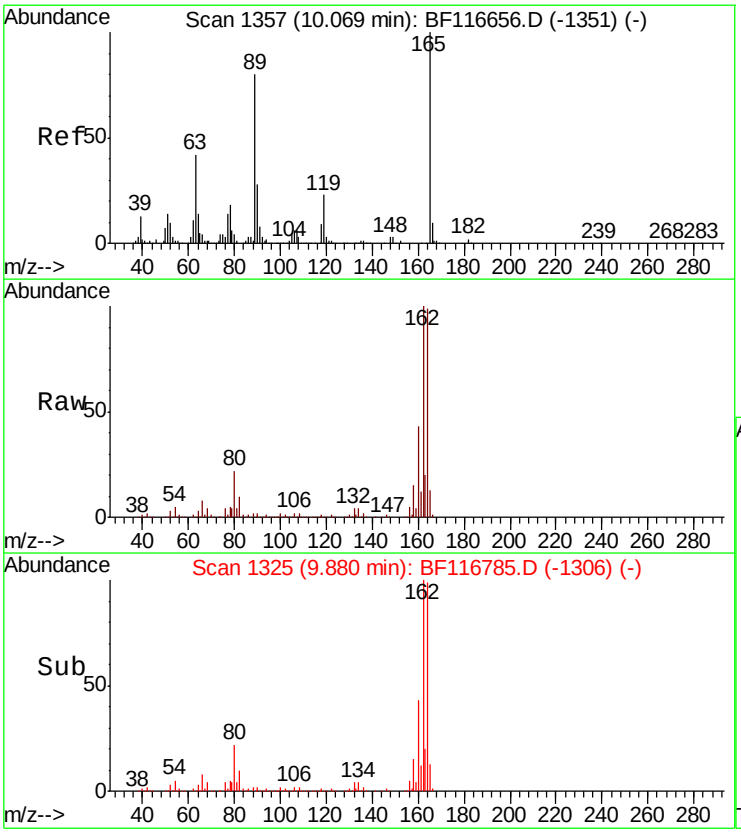
#56
4-Nitrophenol
Concen: 3.654 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.10 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 10086

Ion	Ratio	Lower	Upper
139	100		
109	5.1	61.7	101.7#
65	0.0	89.1	129.1#

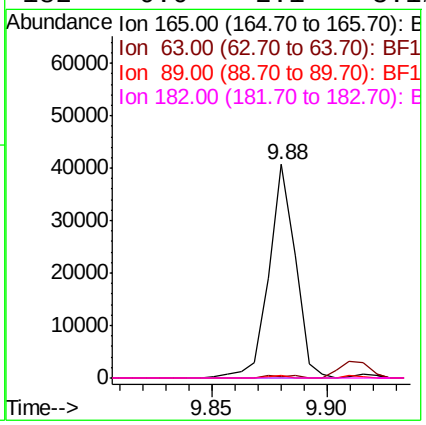


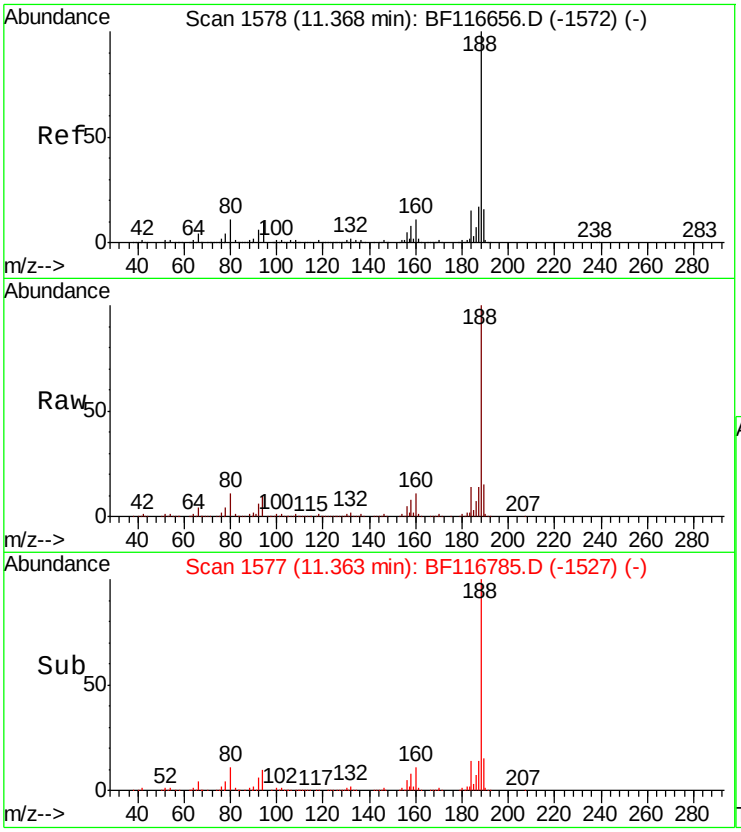


#57
2,4-Dinitrotoluene
Concen: 8.264 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:165 Resp: 32457

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.4	54.6#
89	1.5	62.6	94.0#
182	0.0	2.1	3.1#



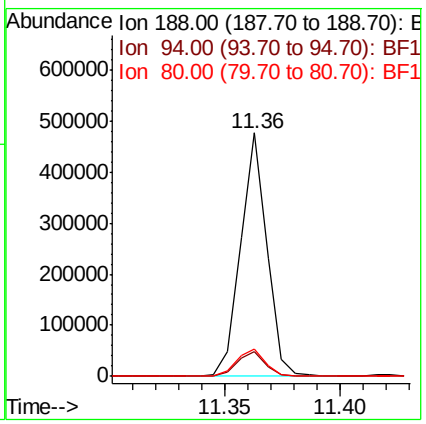


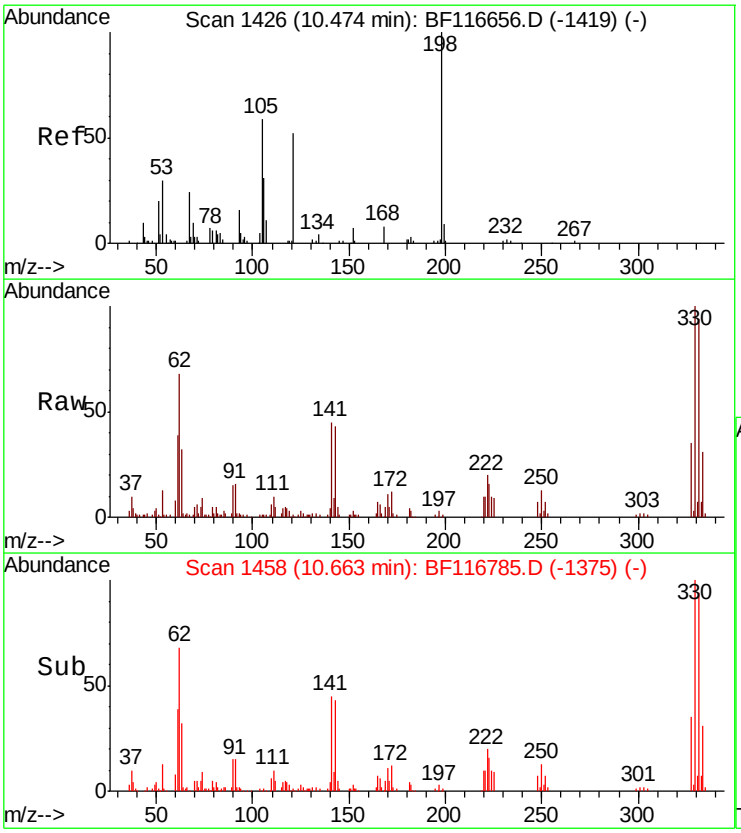
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 378892

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.3	10.9
80	11.3	8.4	12.6

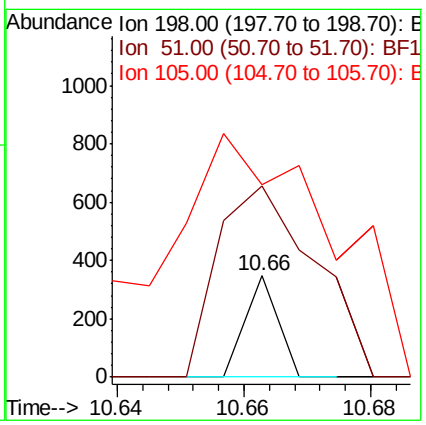


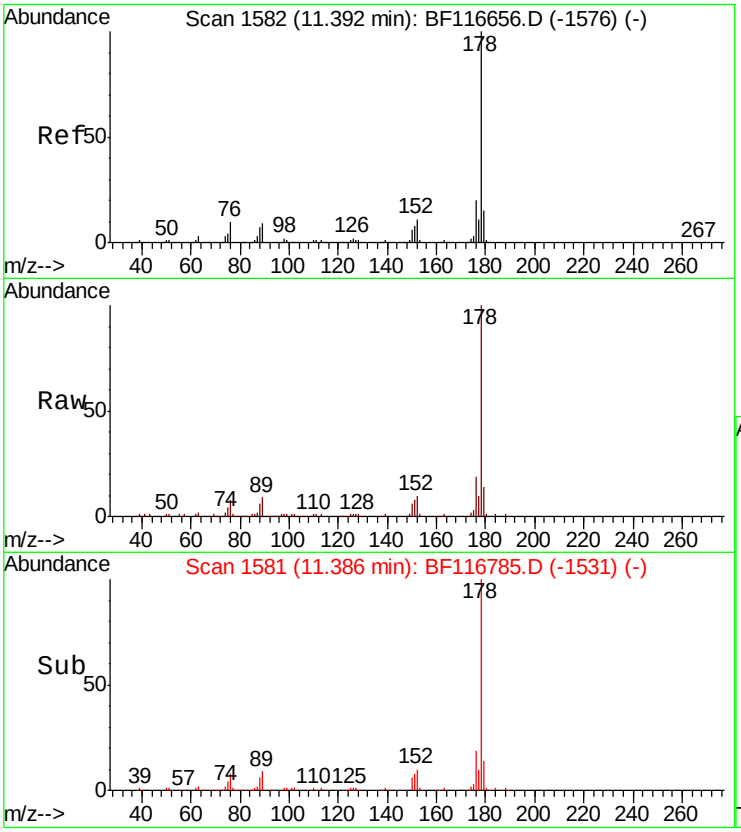


#65
4,6-Dinitro-2-methylphenol
Concen: 7.525 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.19 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:198 Resp: 122

Ion	Ratio	Lower	Upper
198	100		
51	188.5	18.4	58.4#
105	189.9	22.9	62.9#



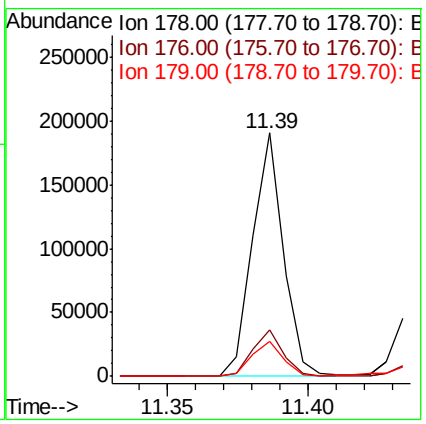


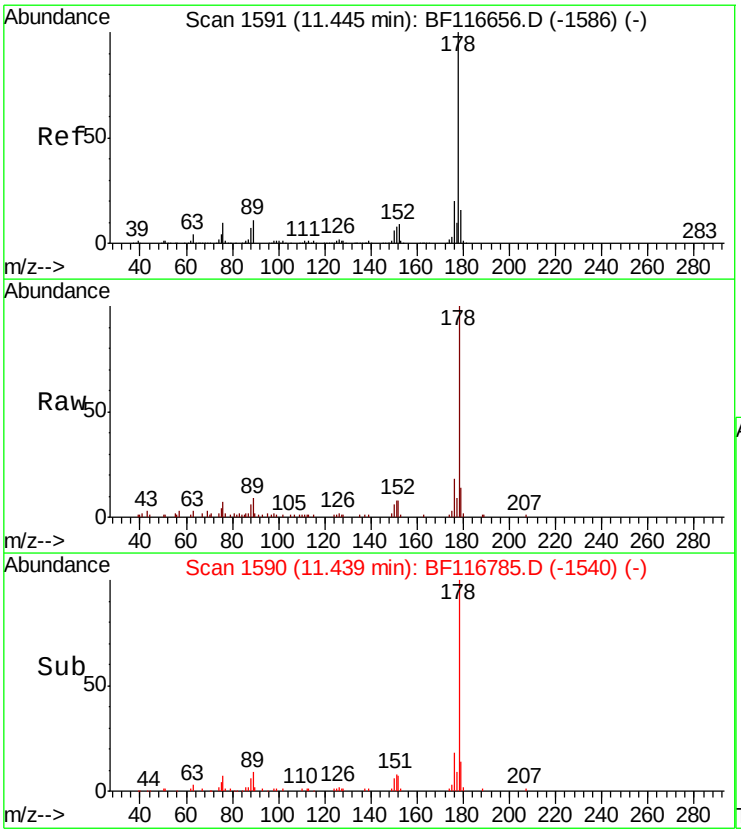
#71
Phenanthrene
Concen: 6.879 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 145084

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	14.2	12.2	18.2

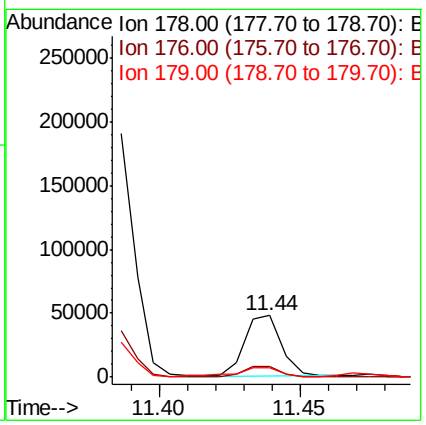


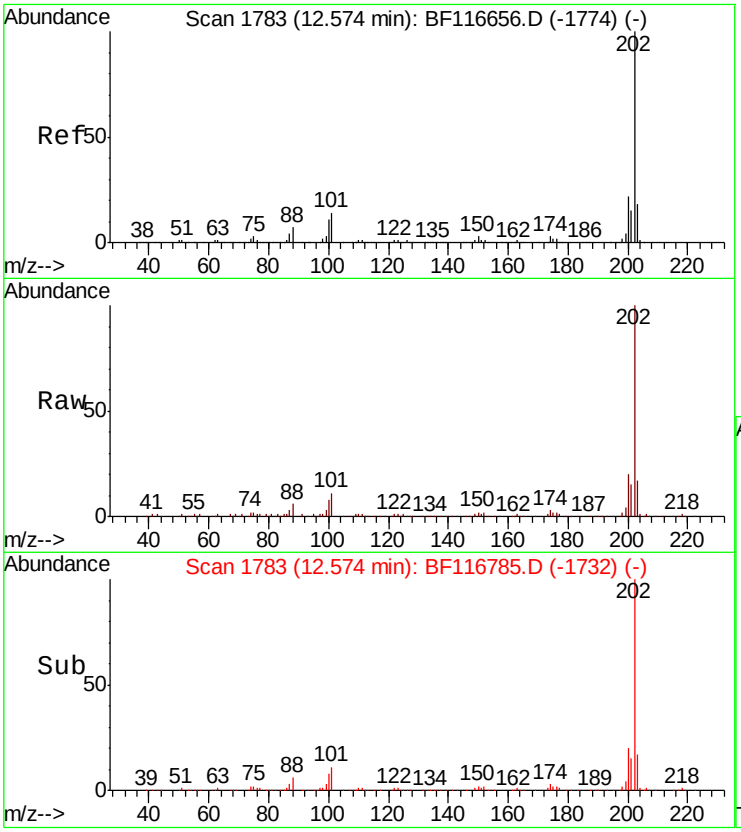


#72
Anthracene
Concen: 2.029 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:178 Resp: 43074

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.4	23.0
179	14.2	12.5	18.7



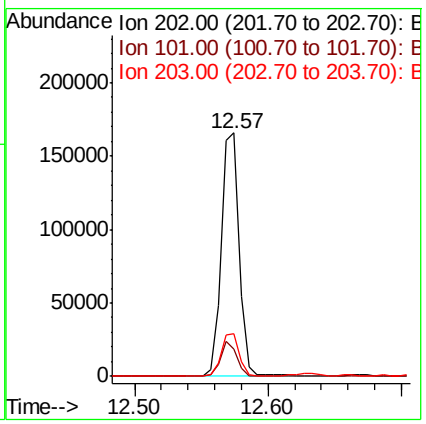


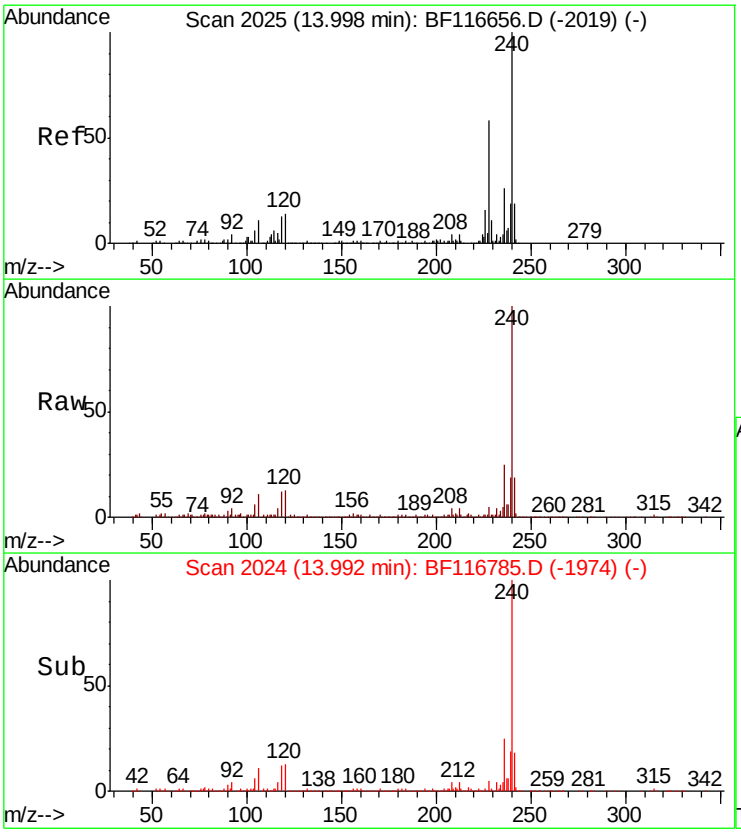
#75
Fluoranthene
Concen: 7.630 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 158145

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.3
203	17.4	0.0	37.6

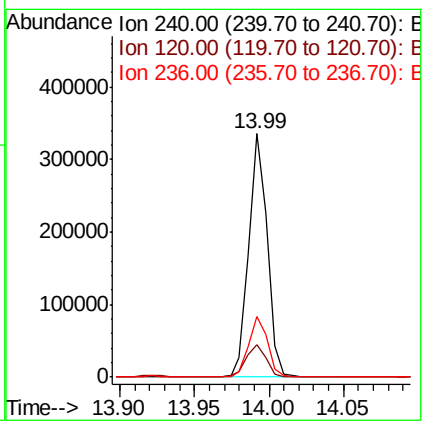


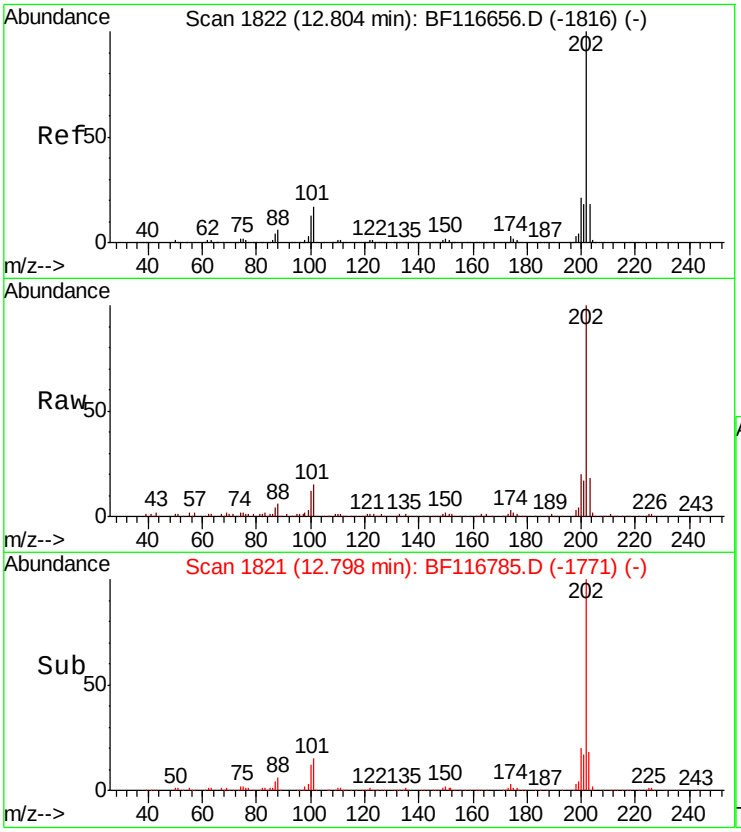


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:240 Resp: 286687

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.1	13.7
236	24.9	21.1	31.7



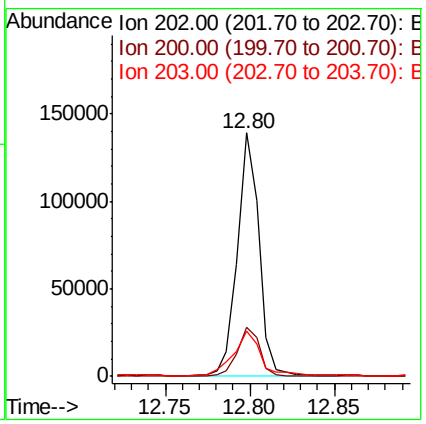


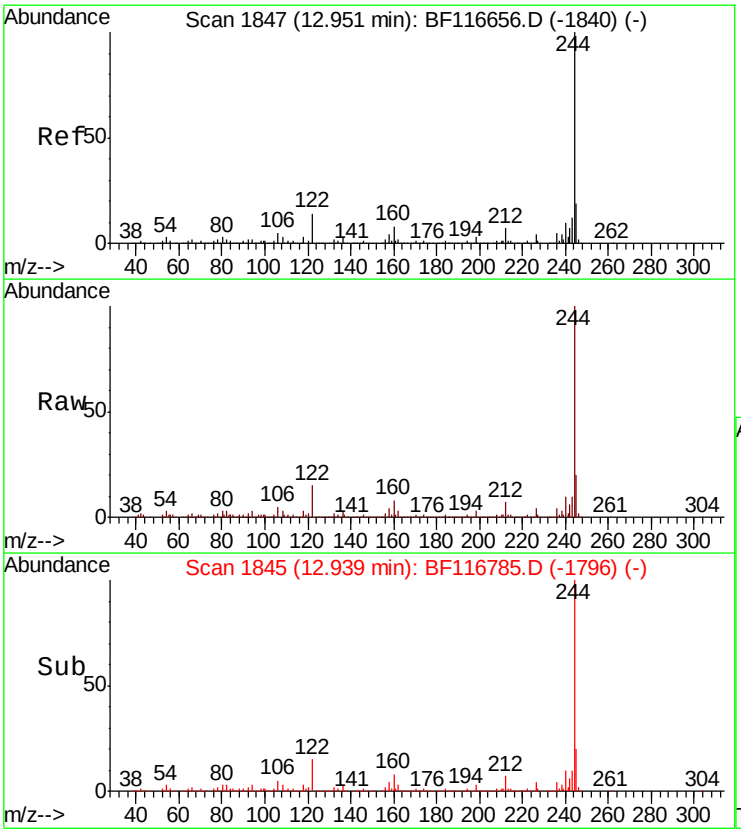
#78
Pyrene
Concen: 4.813 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 122658

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.5	24.7
203	18.3	13.7	20.5

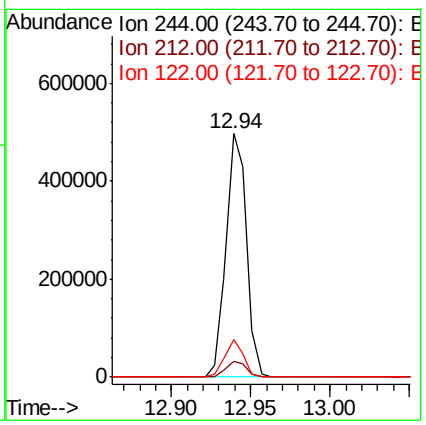


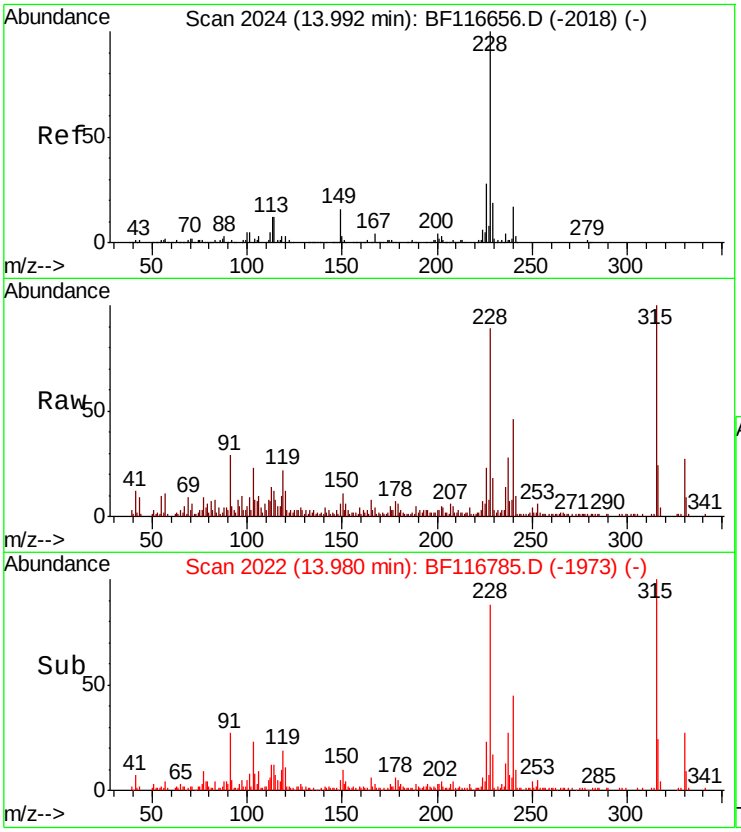


#79
Terphenyl-d14
Concen: 28.678 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:244 Resp: 444423

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.1	9.1
122	15.2	10.2	15.4



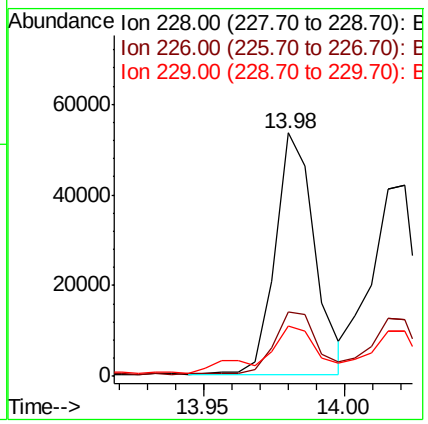


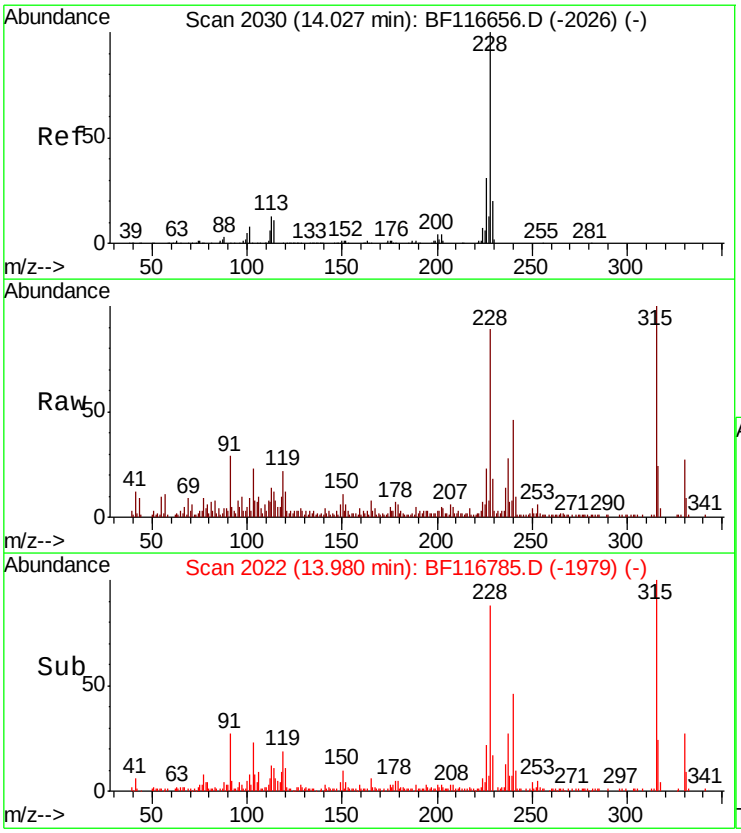
#81
Benzo(a)anthracene
Concen: 2.879 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52234

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.0	33.0
229	20.8	16.4	24.6

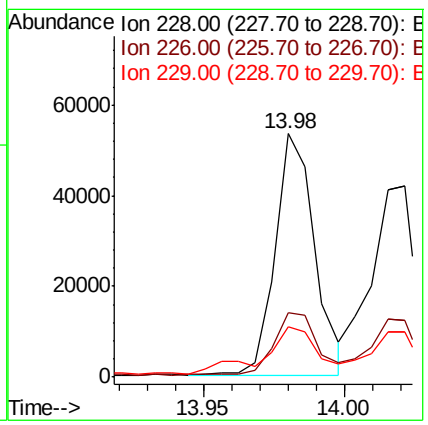


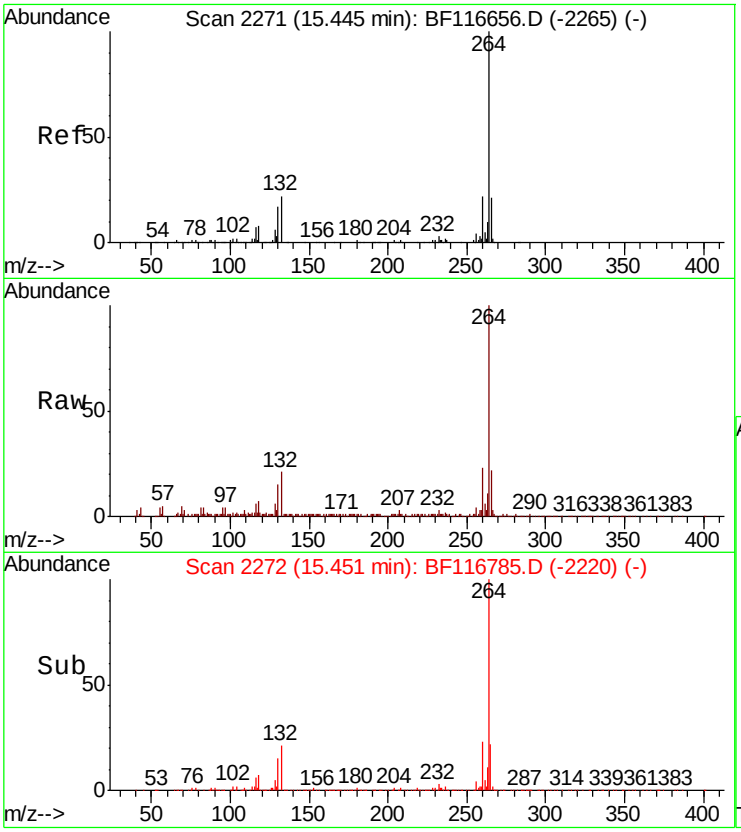


#83
Chrysene
Concen: 2.794 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.05 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:228 Resp: 52234

Ion	Ratio	Lower	Upper
228	100		
226	26.4	24.0	36.0
229	20.8	15.4	23.0



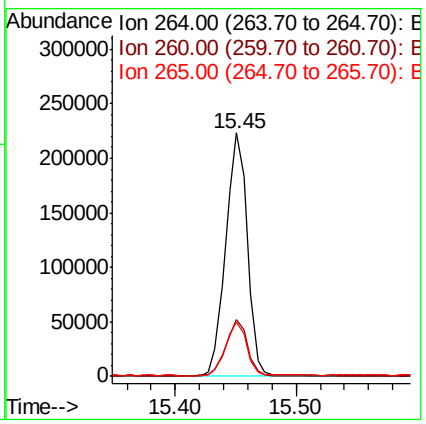


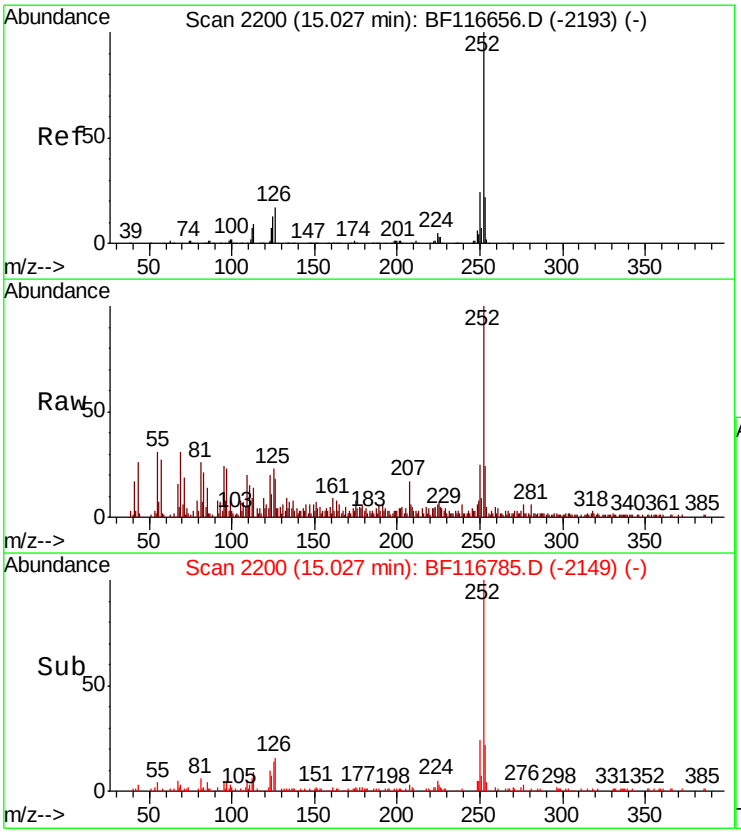
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 276669

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.2	16.5	24.7

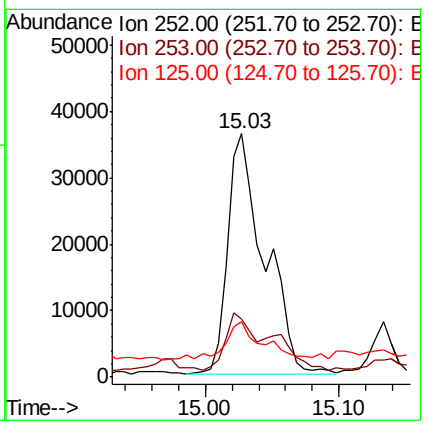


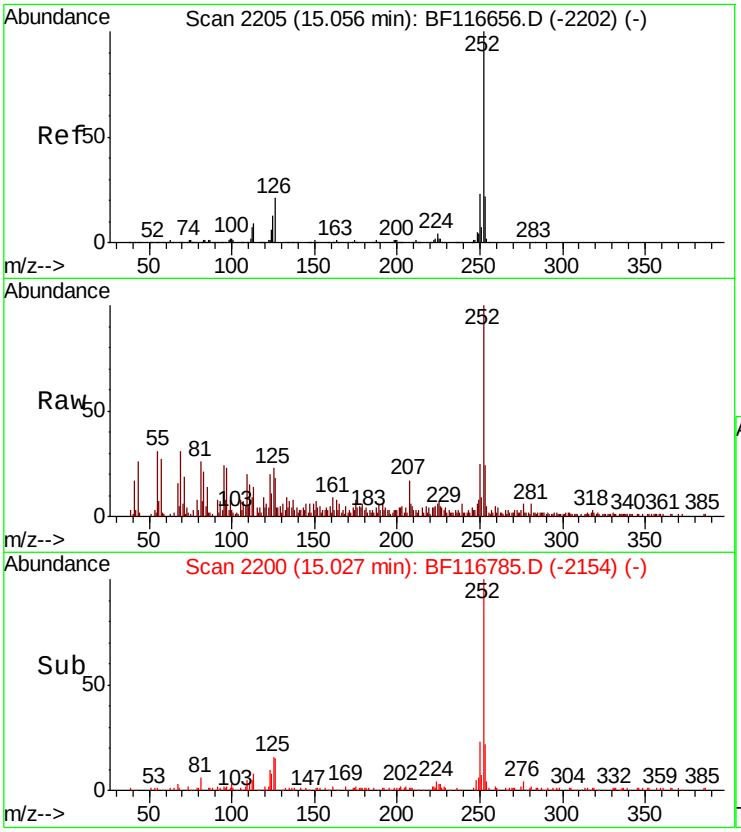


#88
Benzo(b)fluoranthene
Concen: 4.174 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:252 Resp: 69814

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	22.8	8.2	12.2#



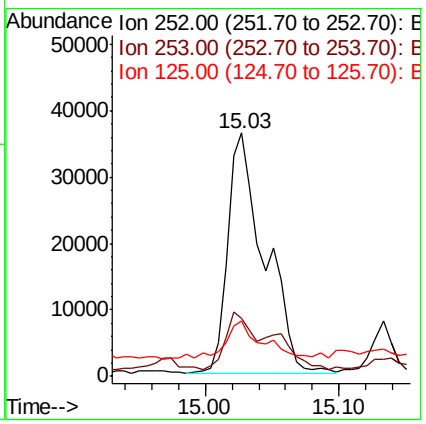


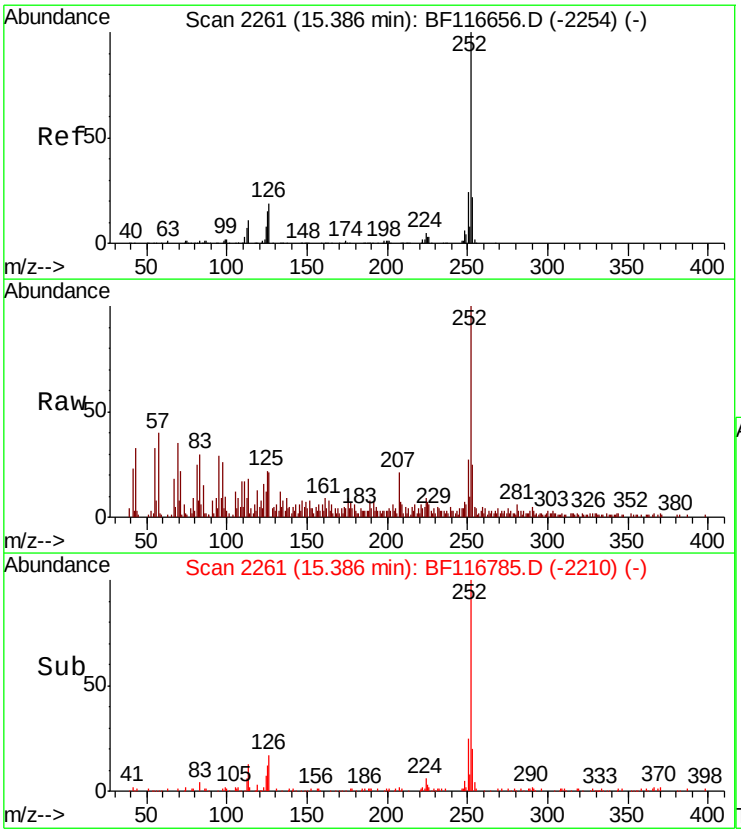
#89
Benzo(k)fluoranthene
Concen: 4.578 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 69814

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	22.8	8.6	13.0#





#90
Benzo(a)pyrene
Concen: 2.424 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116785.D
Acq: 3 Sep 2019 20:59

Tgt Ion:252 Resp: 35280

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	22.5	9.8	14.8#