Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 06:28:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	141899	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	536995	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	257859	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	374572	20.00	ng		0.00
76) Chrysene-d12	14.03	240	206964	20.00	ng		0.00
87) Perylene-d12	15.50	264	224543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	775250	79.83	ng		0.01
7) Phenol-d6	6.51	99	1049124	88.10	ng		0.00
23) Nitrobenzene-d5	7.44	82	661535	67.40	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	156869	70.85	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1147787	71.68	ng		0.00
79) Terphenyl-d14	12.98	244	822579	74.24	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	89752	11.046	ng	#	79
25) Isophorone	7.44	82	658778	34.058	ng	#	67
31) Naphthalene	8.19	128	74618	2.872	ng		98
37) 2-Methylnaphthalene	8.87	142	35805	2.007	ng		95
38) 1-Methylnaphthalene	8.87	142	35805	2.149	ng		99
50) Dimethylphthalate	9.62	163	110790	6.158	ng		99
54) 2,4-Dinitrophenol	10.20	184	154	8.516	ng	#	1
57) 2,4-Dinitrotoluene	9.92	165	35096	7.490	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.70	198	324	7.185	ng	#	1
67) 4-Bromophenyl-phenylether	10.70	248	10080	2.567	ng	#	1
71) Phenanthrene	11.42	178	109104	5.347	ng		99
72) Anthracene	11.42	178	109104	5.321	ng		99
75) Fluoranthene	12.61	202	113249	5.368	ng		98
78) Pyrene	12.83	202	109142	6.594	ng		99
81) Benzo(a)anthracene	14.02	228	49395	3.685	ng		95
83) Chrysene	14.06	228	55767	4.105	ng		96
86) Indeno(1,2,3-cd)pyrene	16.96	276	30567	2.626	ng	#	91
88) Benzo(b)fluoranthene	15.07	252	81854	5.901	ng	#	88
89) Benzo(k)fluoranthene	15.07	252	81854	6.514	ng	#	87
90) Benzo(a)pyrene	15.43	252	42937	3.502	ng	#	86
92) Benzo(g,h,i)perylene	17.40	276	28823	3.001	ng		95

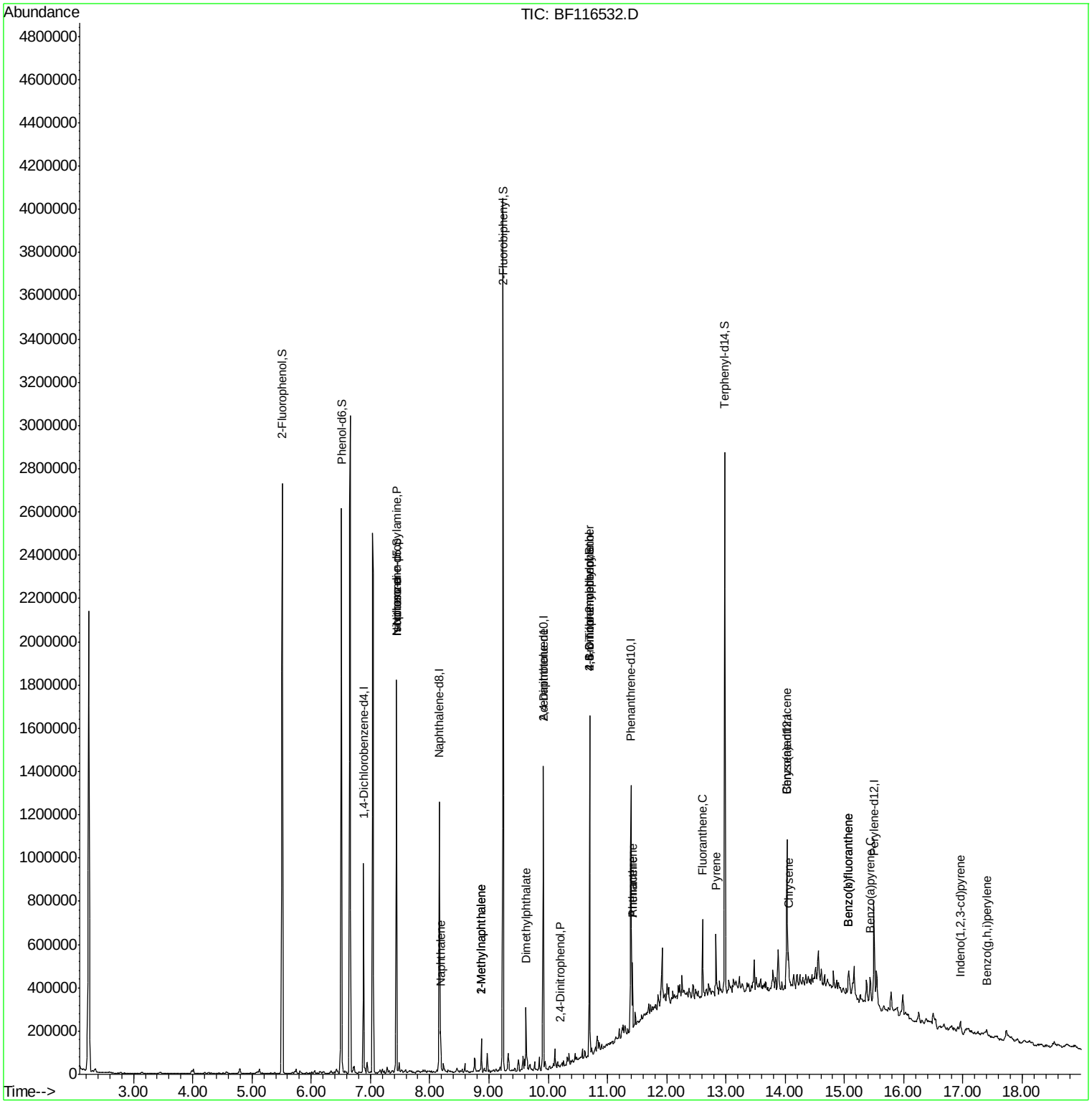
(#) = qualifier out of range (m) = manual integration (+) = signals summed

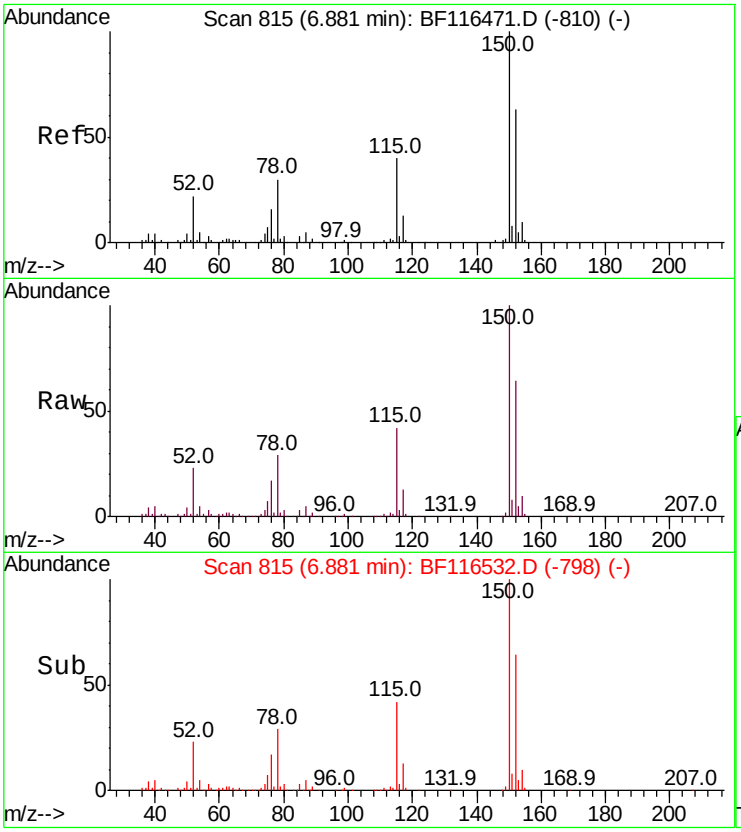
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082519\
Data File : BF116532.D
Acq On : 25 Aug 2019 15:20
Operator : HP/JU
Sample : K4474-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 26 01:49:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



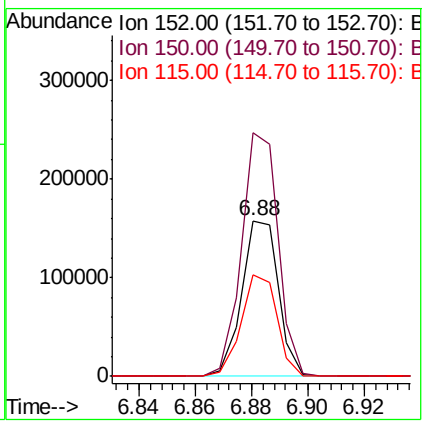


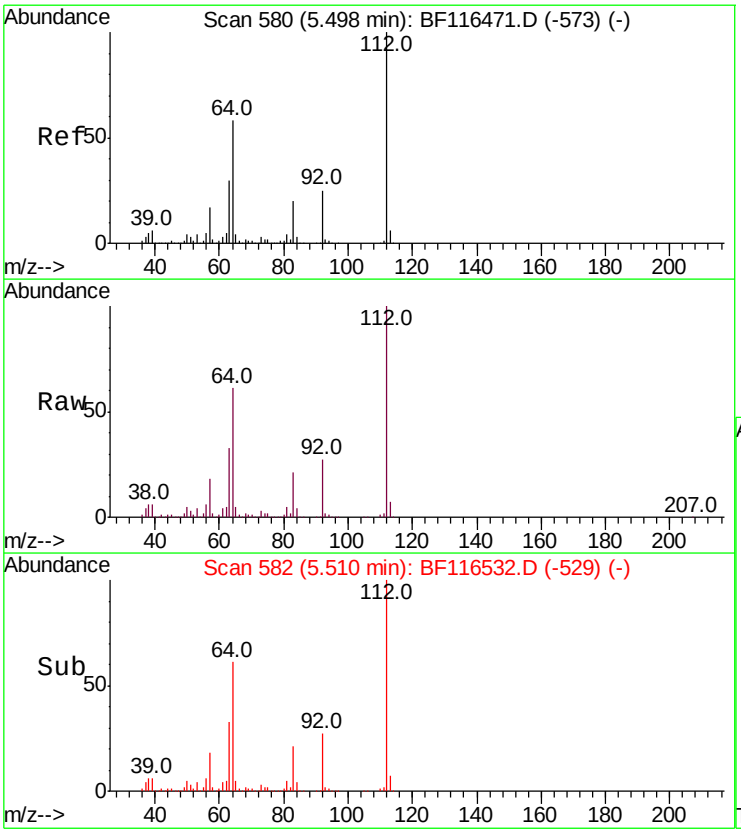
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141899

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.7	190.1
115	65.5	50.9	76.3

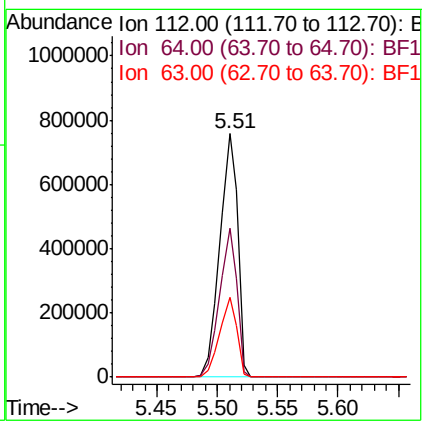


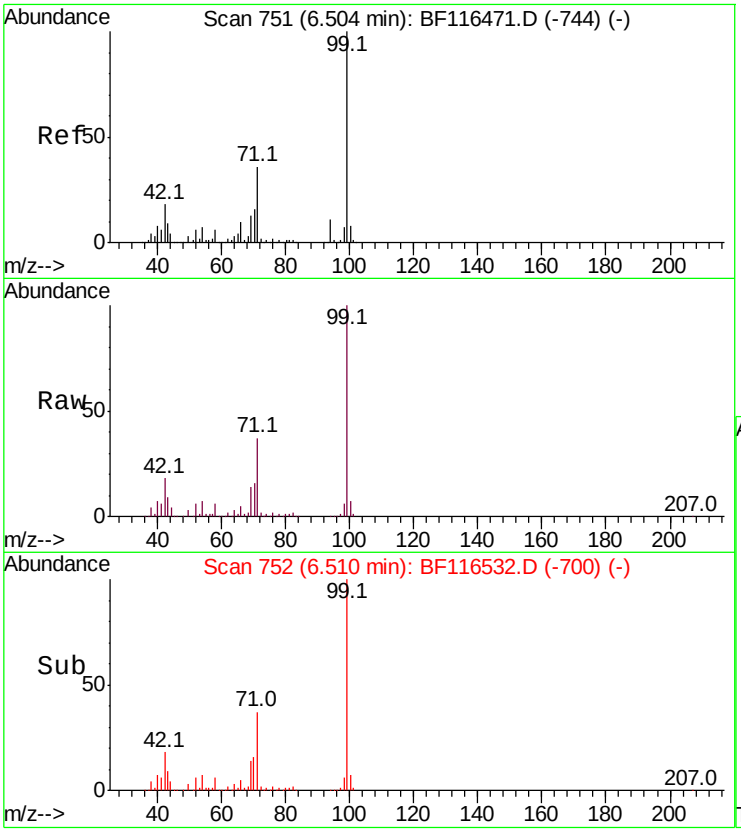


#5
2-Fluorophenol
Concen: 79.828 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:112 Resp: 775250

Ion	Ratio	Lower	Upper
112	100		
64	61.4	46.3	69.5
63	32.8	24.2	36.4



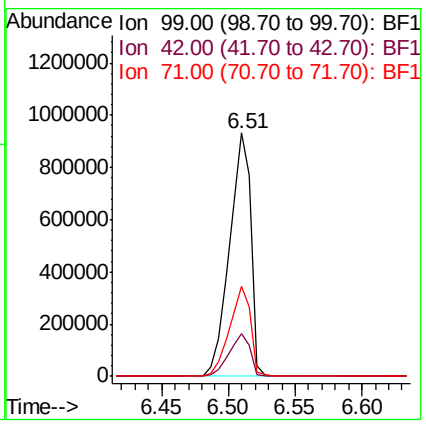


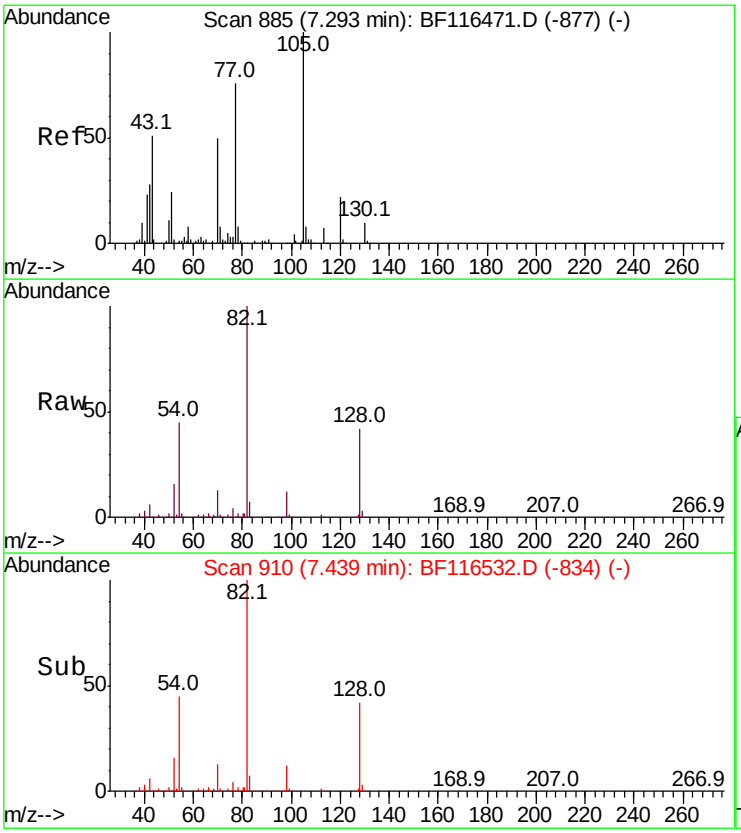
#7
Phenol-d6
Concen: 88.105 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1049124

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	21.8
71	36.9	28.5	42.7

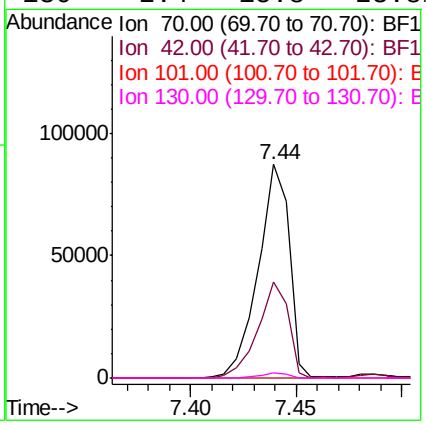


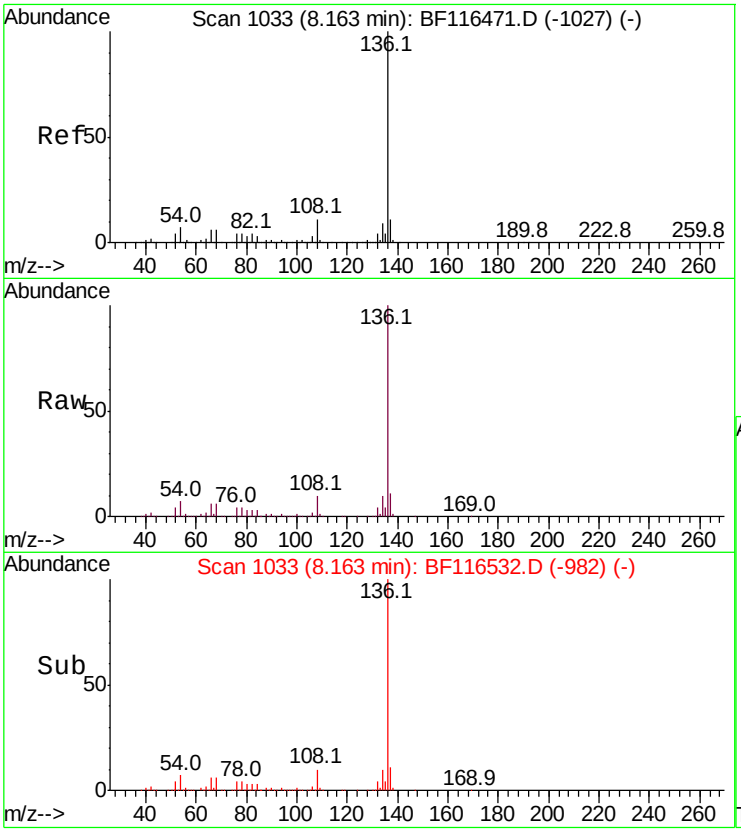


#19
n-Nitroso-di-n-propylamine
Concen: 11.046 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion: 70 Resp: 89752

Ion	Ratio	Lower	Upper
70	100		
42	45.0	44.4	66.6
101	0.0	7.1	10.7#
130	2.4	15.8	23.8#



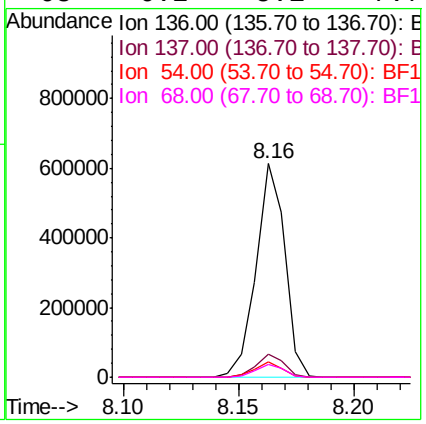


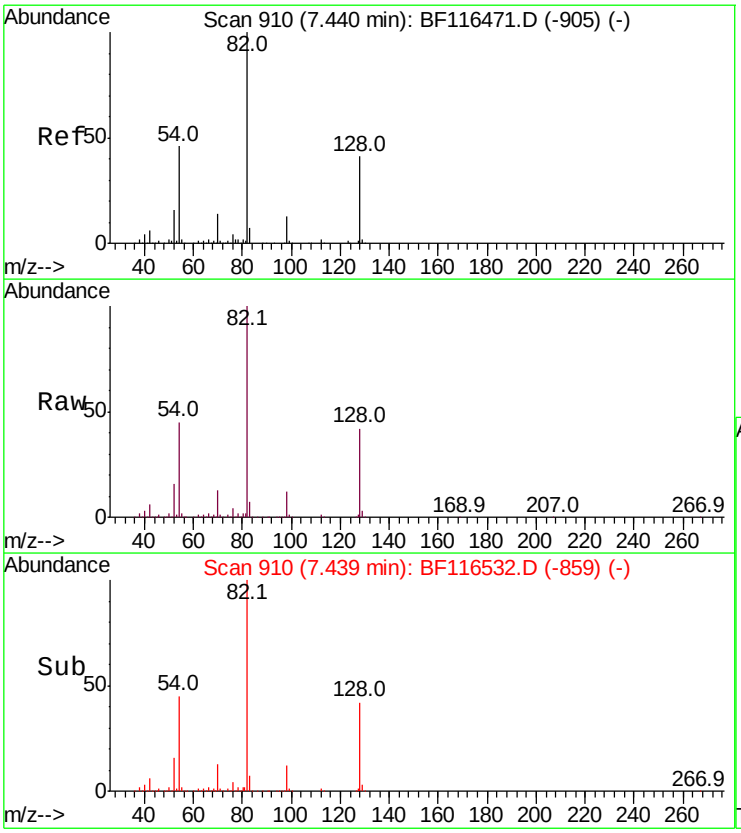
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 536995

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.2	5.8	8.6
68	6.2	5.1	7.7

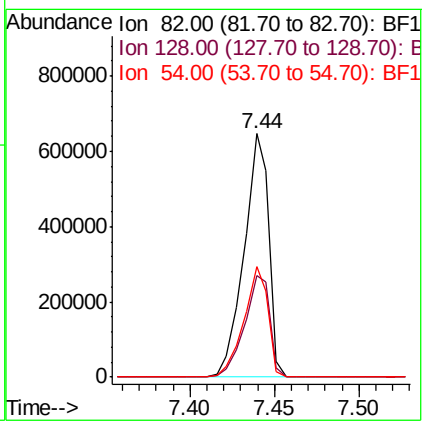


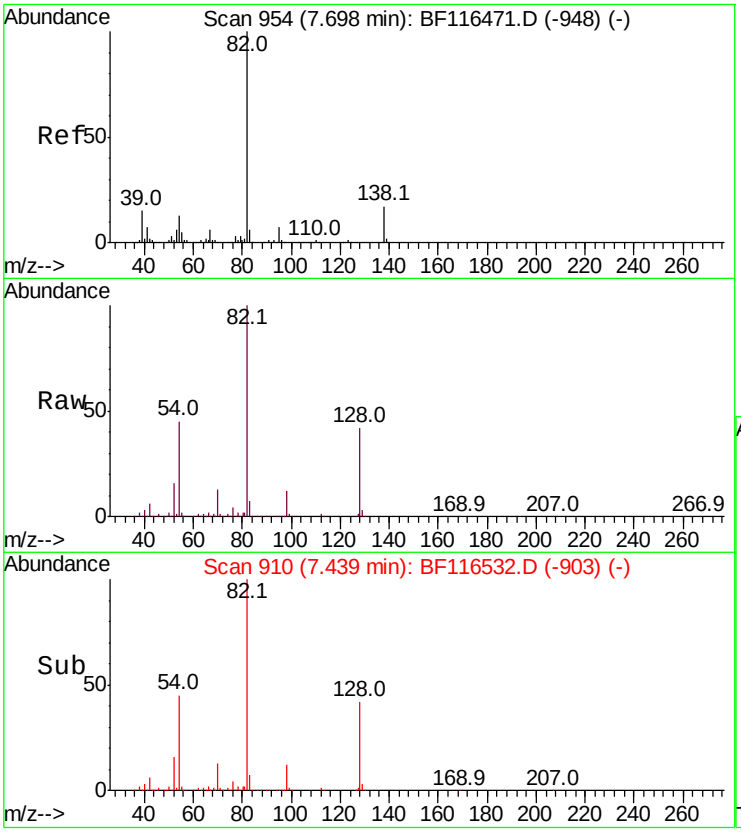


#23
Nitrobenzene-d5
Concen: 67.398 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion: 82 Resp: 661535

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.2	48.4
54	45.4	36.5	54.7



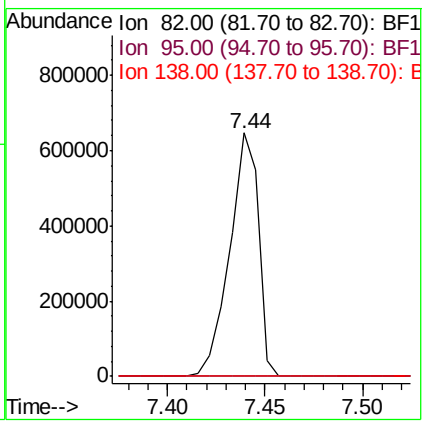


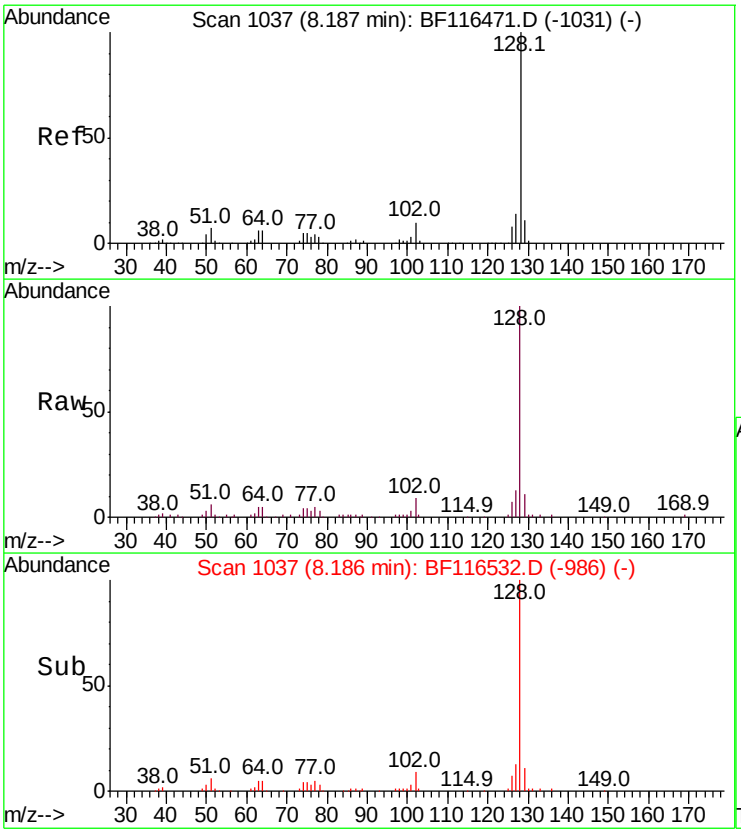
#25
Isophorone
Concen: 34.058 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 658778

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.3	19.9#

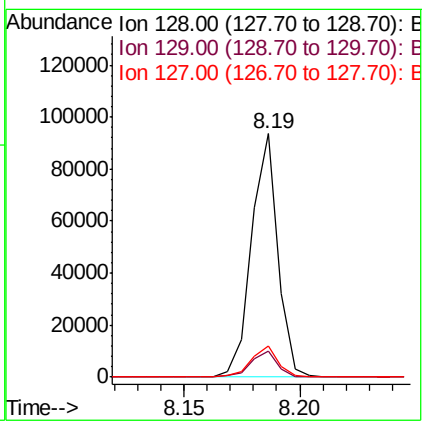


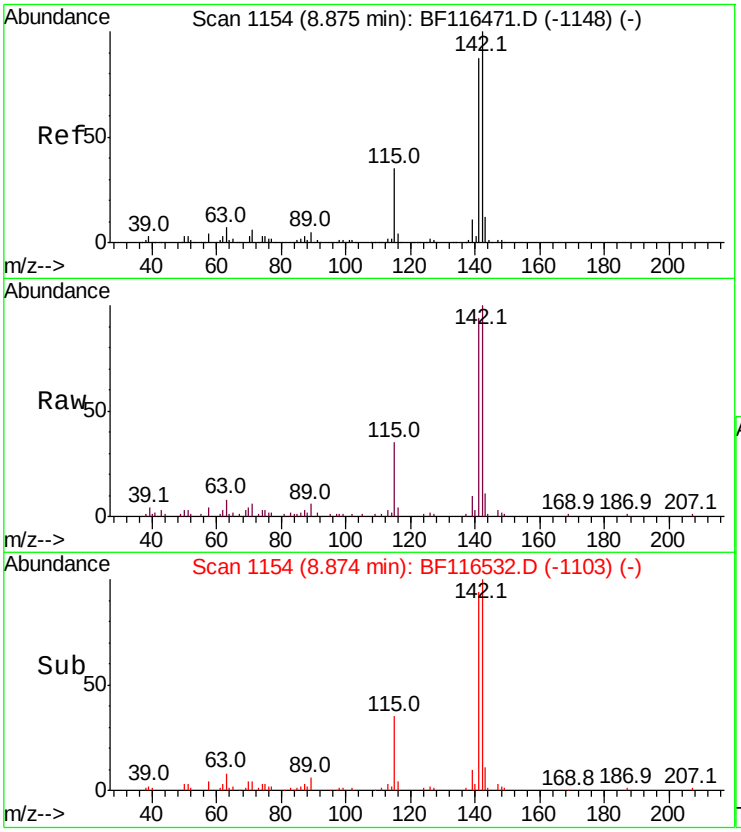


#31
Naphthalene
Concen: 2.872 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:128 Resp: 74618

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.9	10.9	16.3



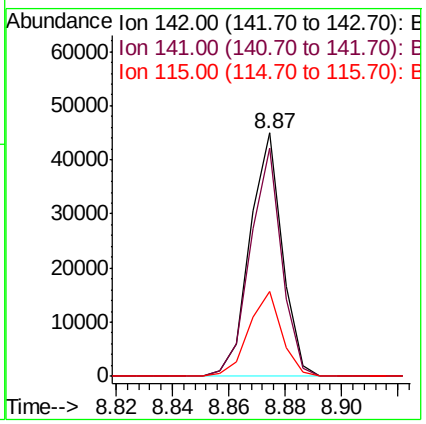


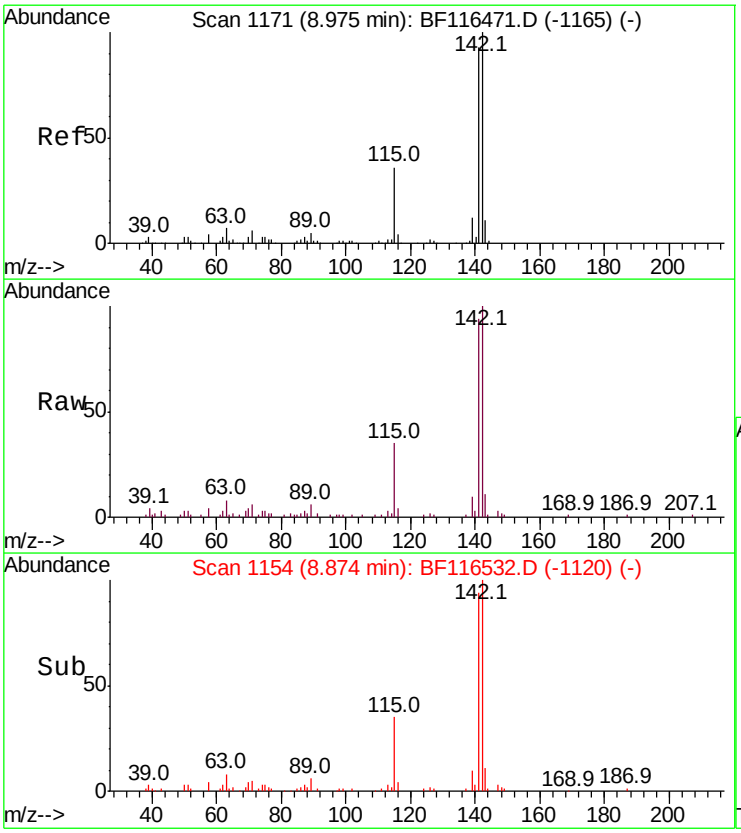
#37
2-Methylnaphthalene
Concen: 2.007 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 35805

Ion	Ratio	Lower	Upper
142	100		
141	93.7	69.8	104.6
115	34.7	27.7	41.5

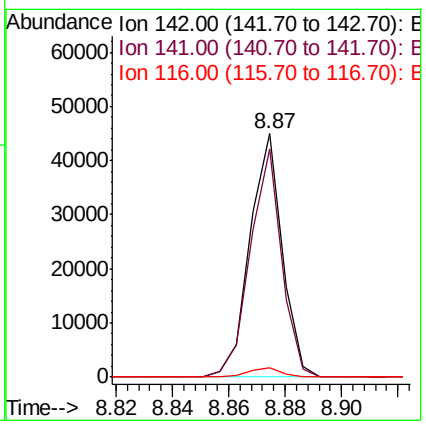


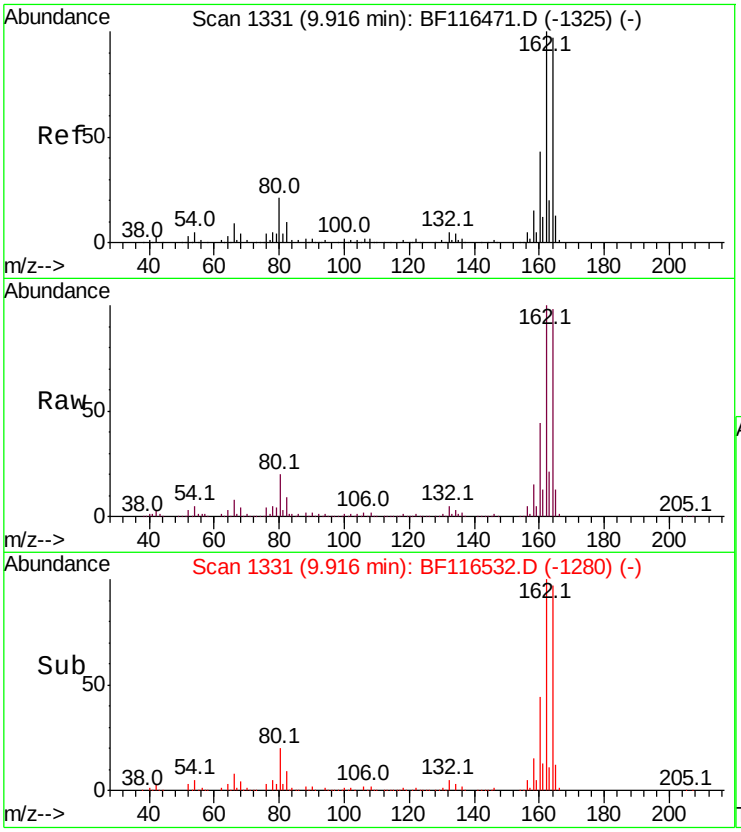


#38
1-Methylnaphthalene
Concen: 2.149 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.10 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:142 Resp: 35805

Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.2
116	3.7	2.9	4.3



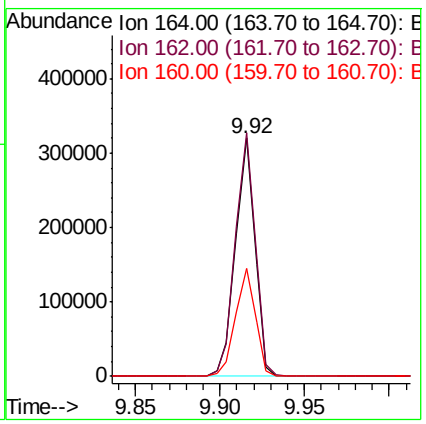


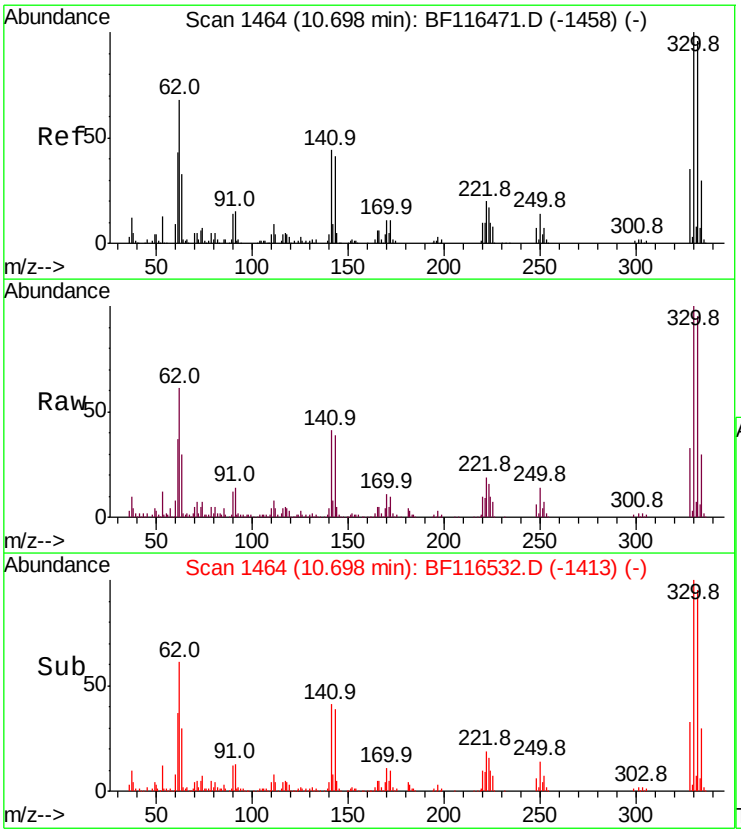
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 257859

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	45.3	35.8	53.8

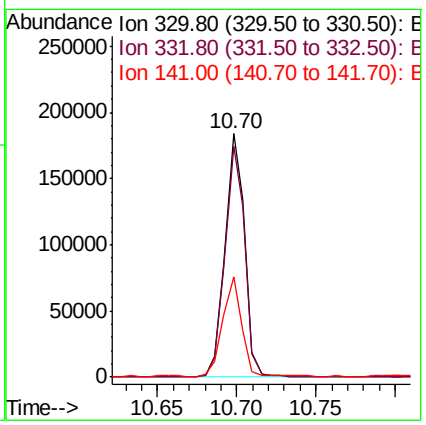


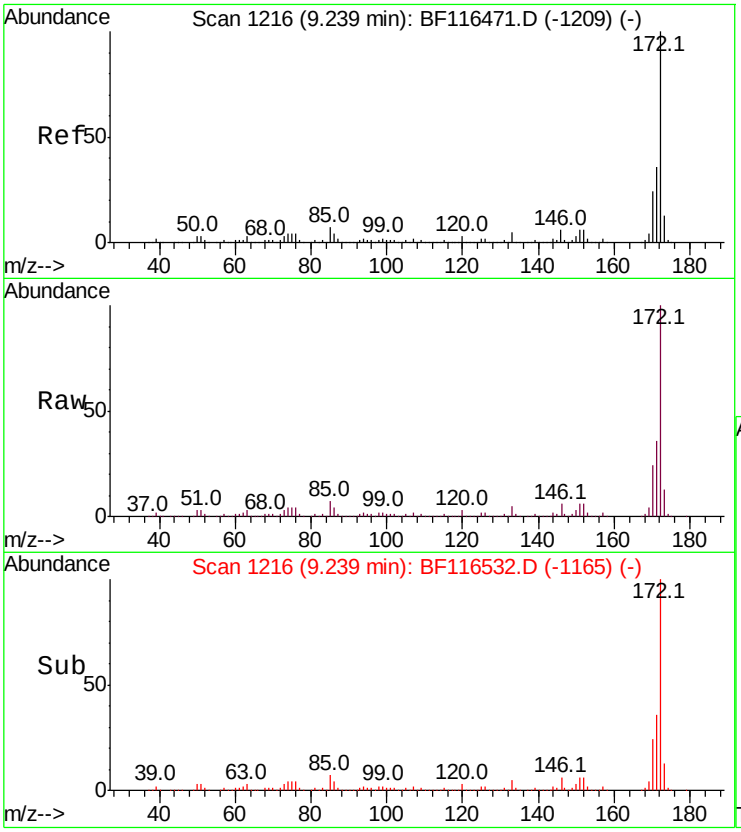


#42
2,4,6-Tribromophenol
Concen: 70.848 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:330 Resp: 156869

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.2	115.8
141	38.9	33.3	49.9



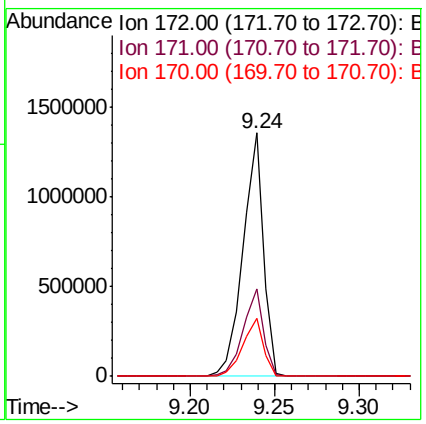


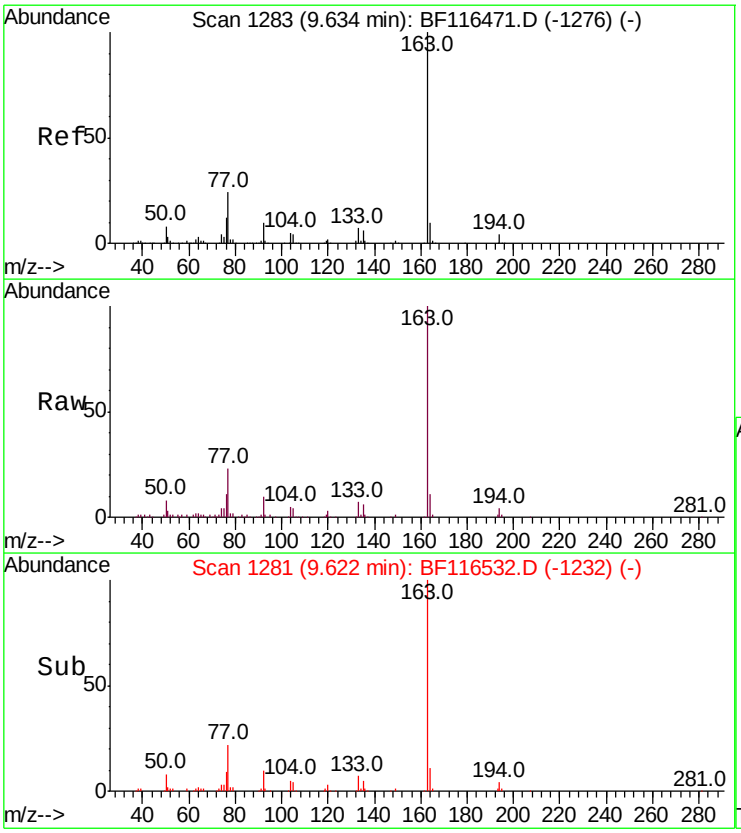
#45
2-Fluorobiphenyl
Concen: 71.683 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1147787

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.9	19.4	29.0

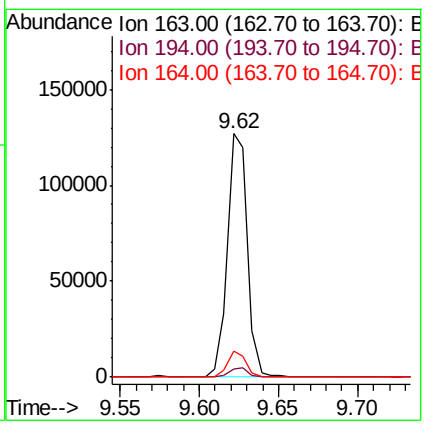


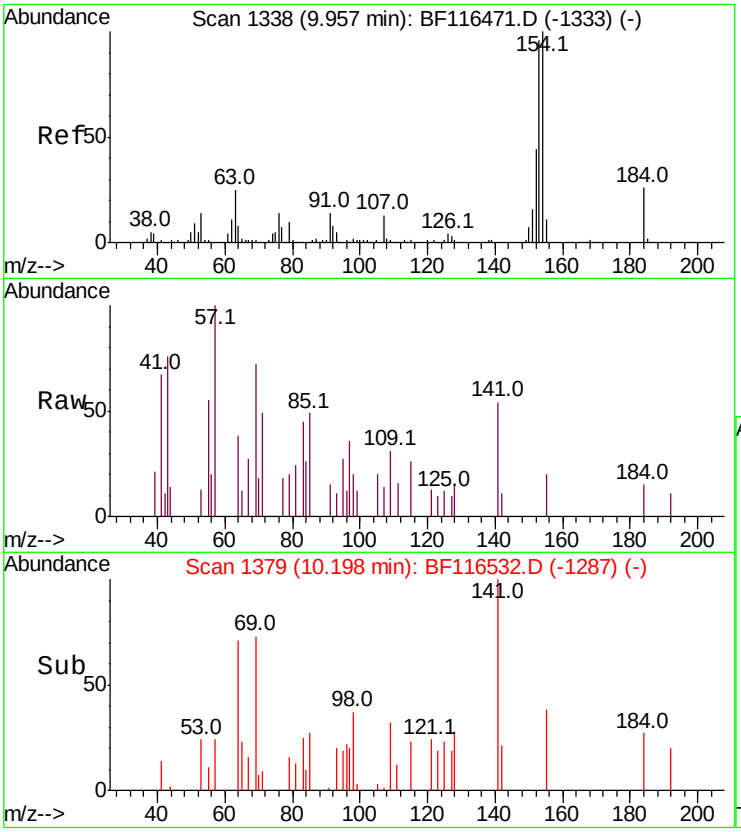


#50
Dimethylphthalate
Concen: 6.158 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:163 Resp: 110790

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	10.6	8.2	12.2



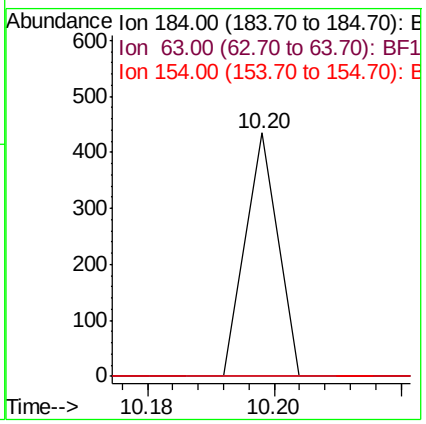


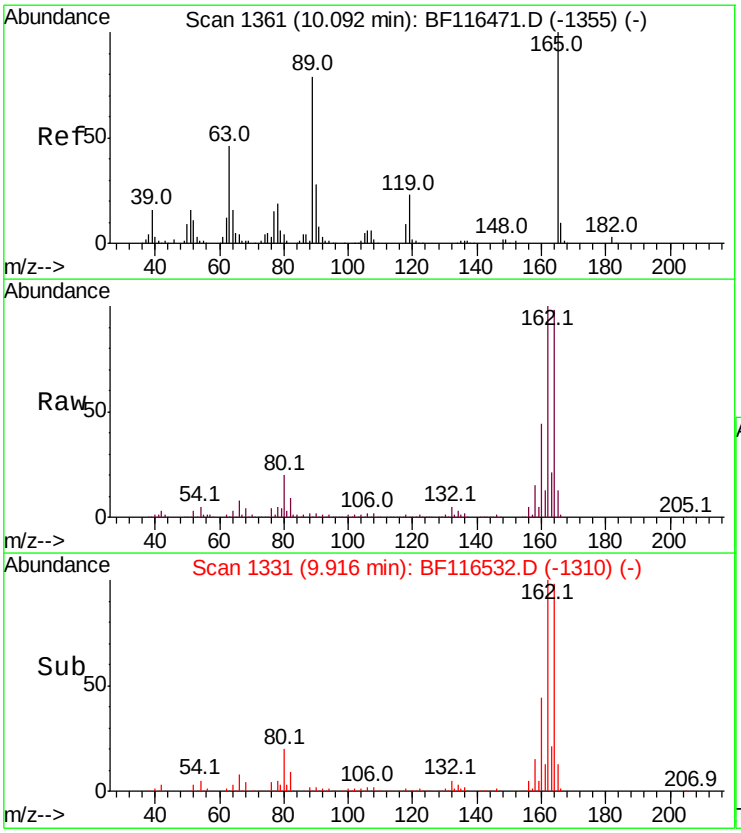
#54
2,4-Dinitrophenol
Concen: 8.516 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.24 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 154

Ion	Ratio	Lower	Upper
184	100		
63	0.0	78.2	117.4#
154	0.0	320.4	480.6#

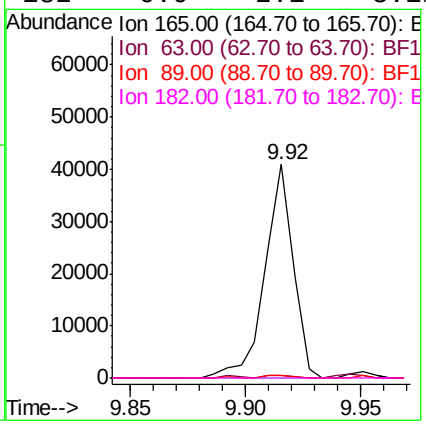


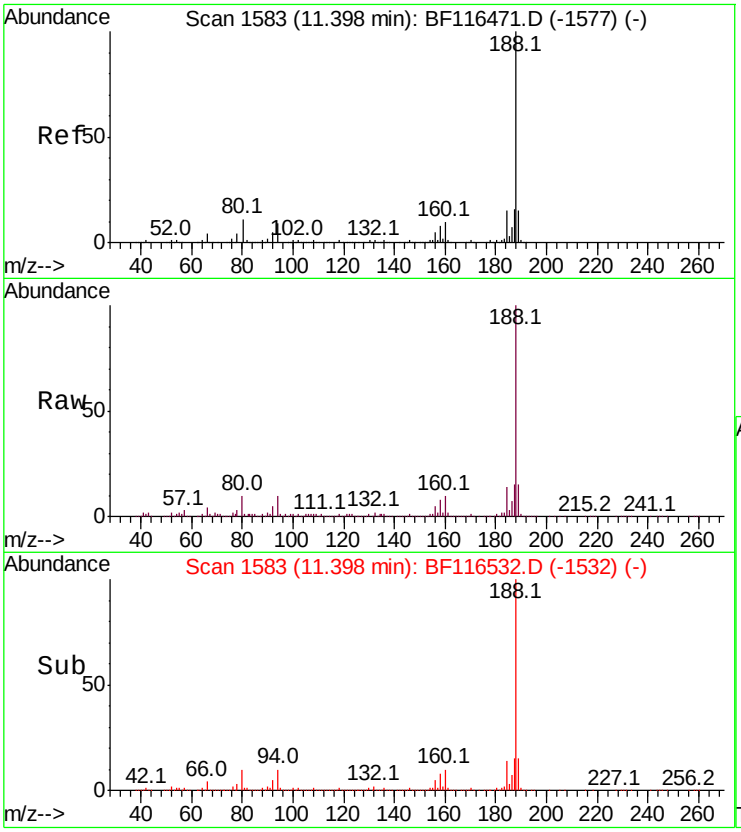


#57
2,4-Dinitrotoluene
Concen: 7.490 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.18 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:165 Resp: 35096

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.9	55.3#
89	1.3	63.4	95.0#
182	0.0	2.1	3.1#



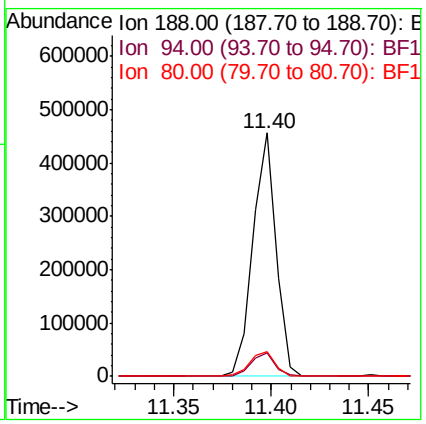


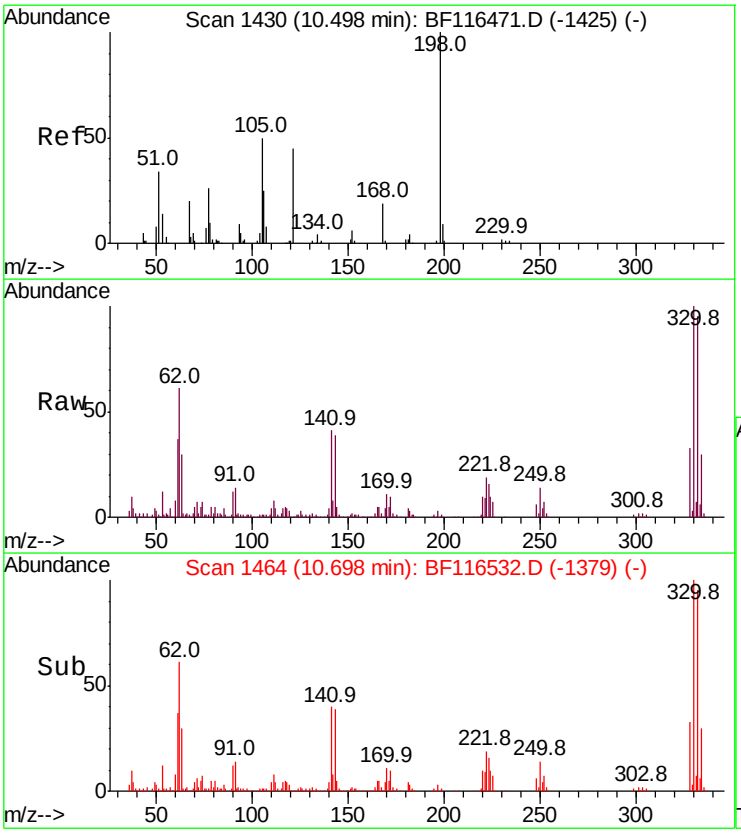
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 374572

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.4	11.2
80	9.9	8.6	12.8

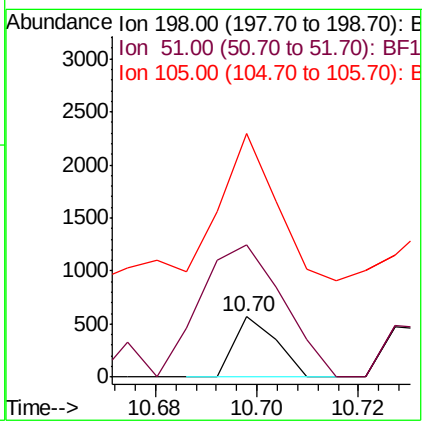


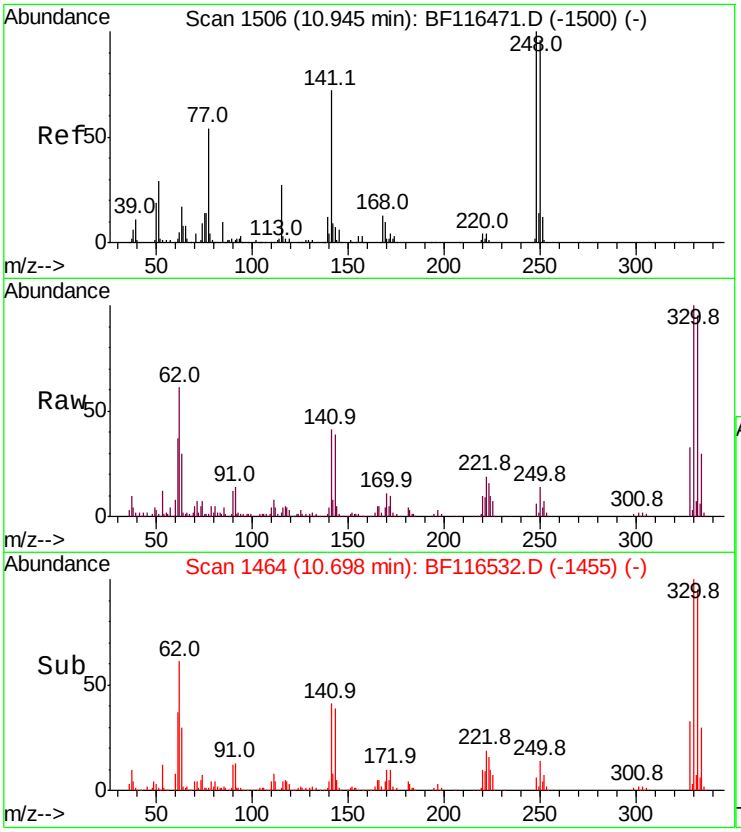


#65
4,6-Dinitro-2-methylphenol
Concen: 7.185 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:198 Resp: 324

Ion	Ratio	Lower	Upper
198	100		
51	218.5	30.4	70.4#
105	404.0	32.8	72.8#



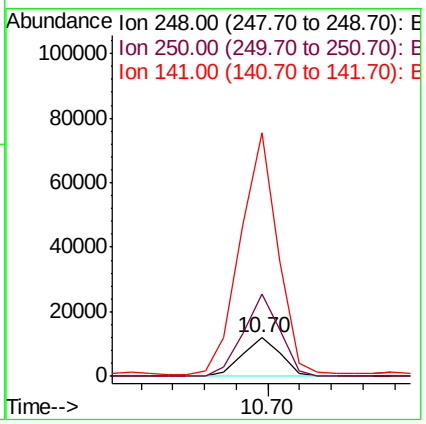


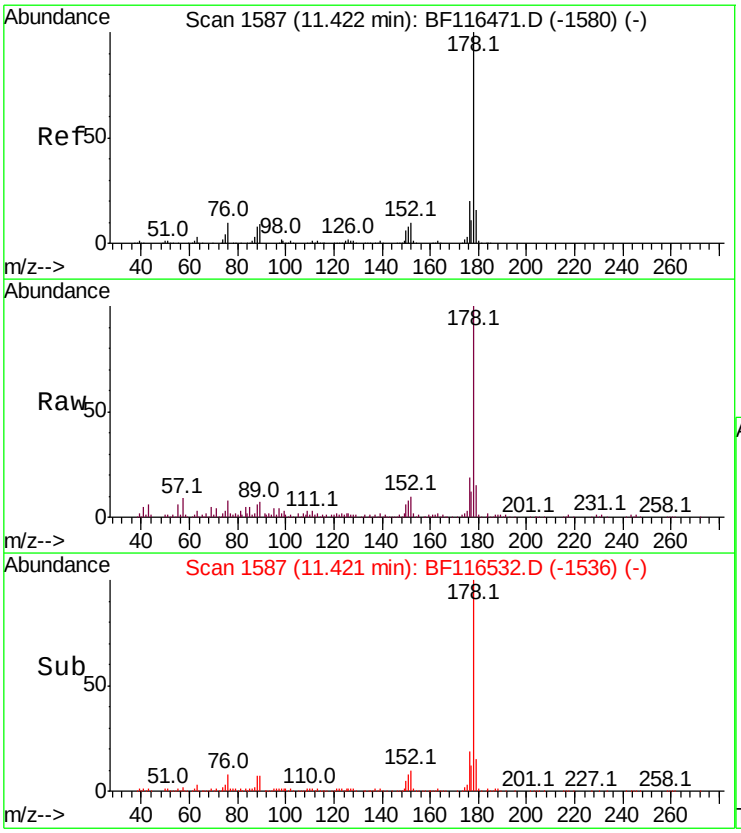
#67
4-Bromophenyl-phenylether
Concen: 2.567 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10080

Ion	Ratio	Lower	Upper
248	100		
250	212.0	77.0	115.6#
141	631.4	57.4	86.0#

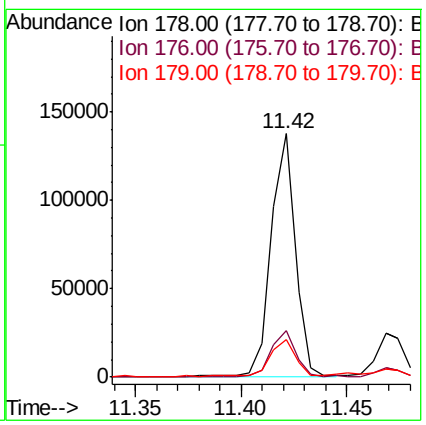


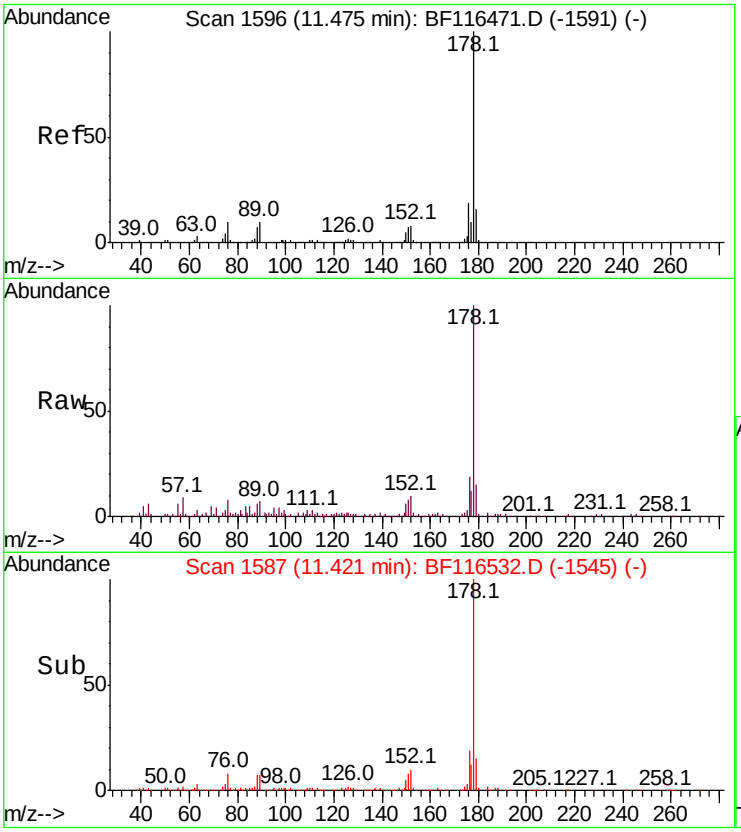


#71
Phenanthrene
Concen: 5.347 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:178 Resp: 109104

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.2	12.8	19.2



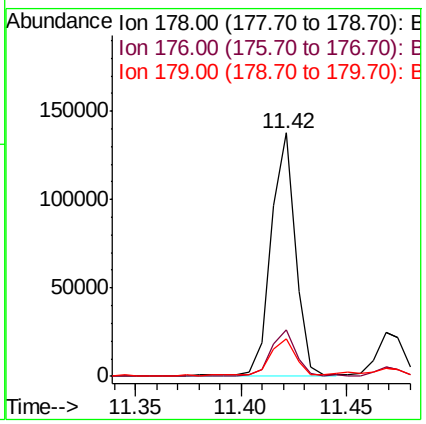


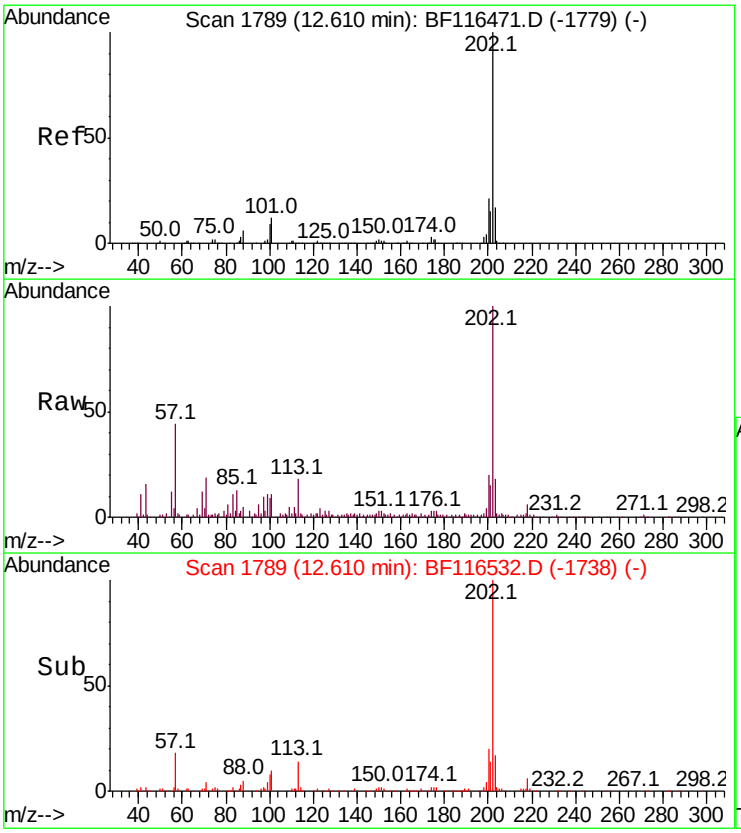
#72
Anthracene
Concen: 5.321 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.05 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 109104

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.2	12.5	18.7

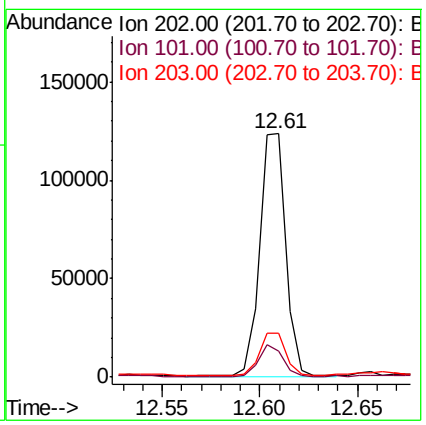


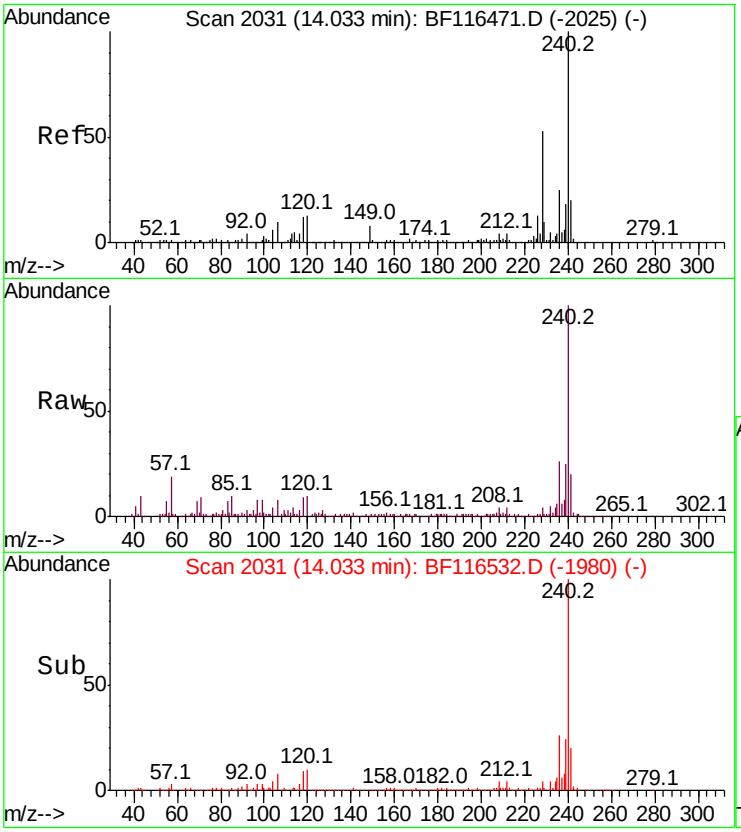


#75
Fluoranthene
Concen: 5.368 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:202 Resp: 113249

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.5
203	18.1	0.0	37.5



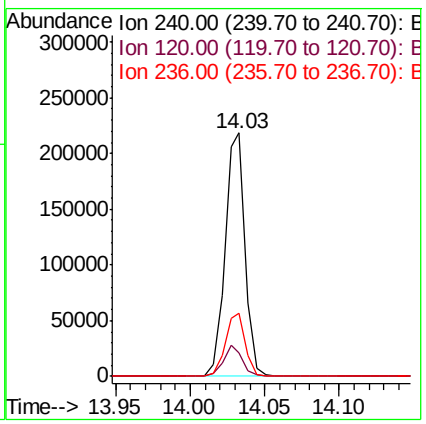


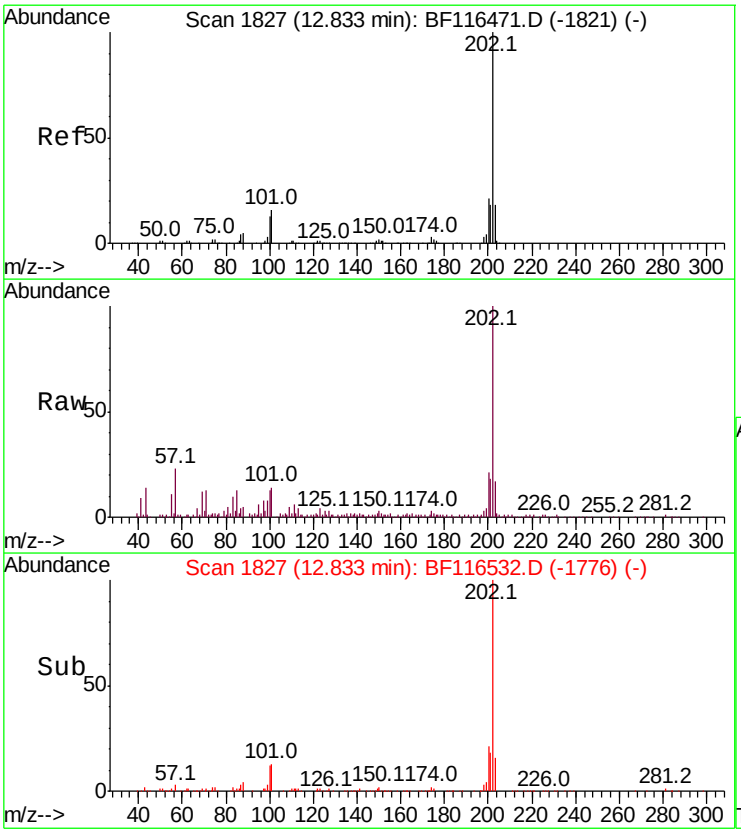
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 206964

Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.5	15.7#
236	25.9	20.2	30.2

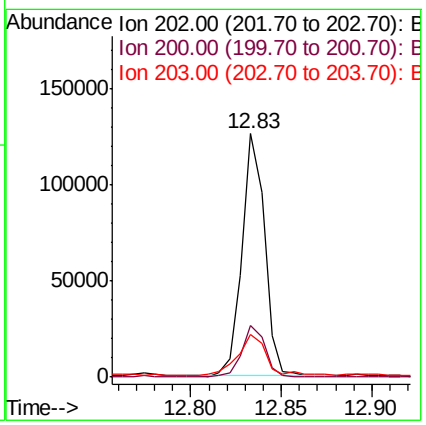


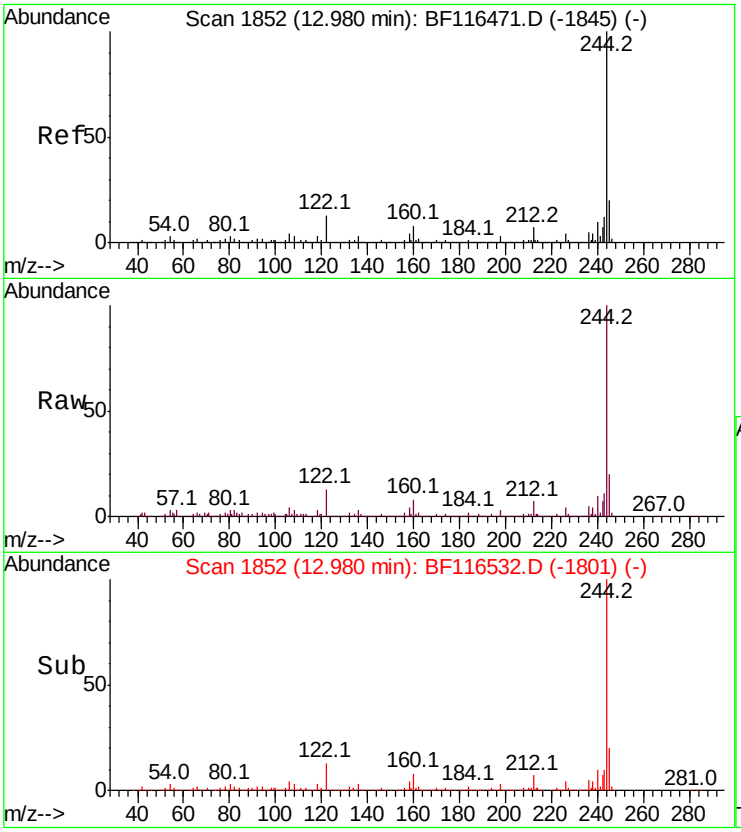


#78
Pyrene
Concen: 6.594 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:202 Resp: 109142

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.2	21.4



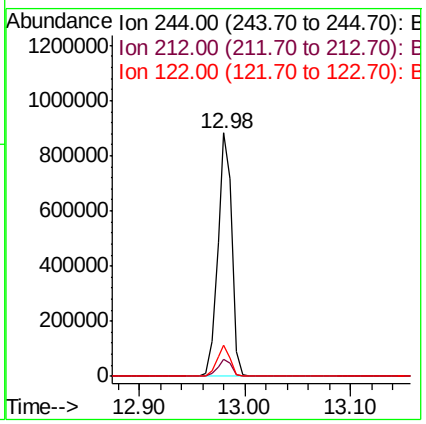


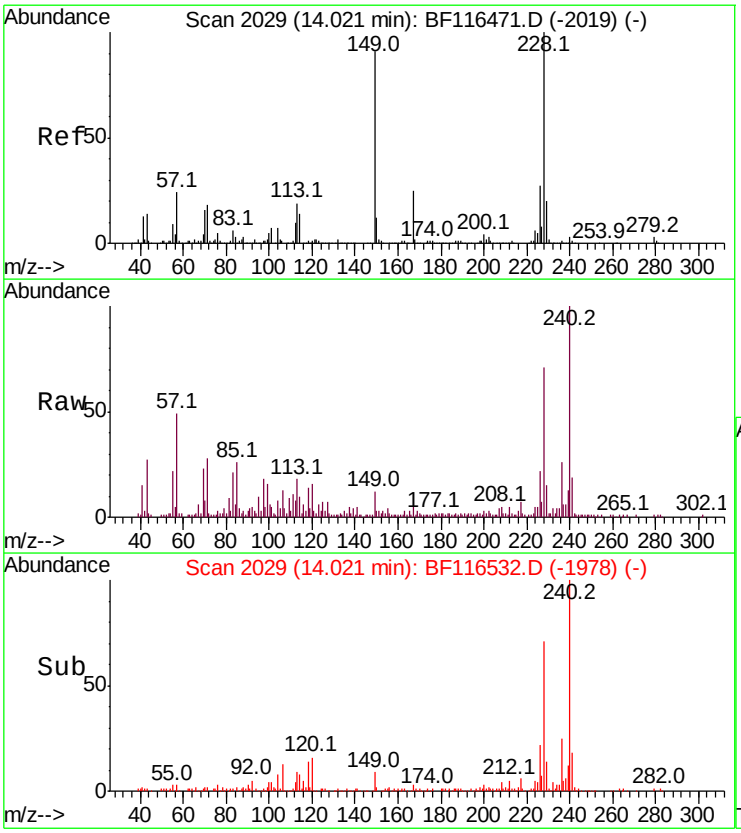
#79
Terphenyl-d14
Concen: 74.240 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 822579

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	13.0	10.2	15.4

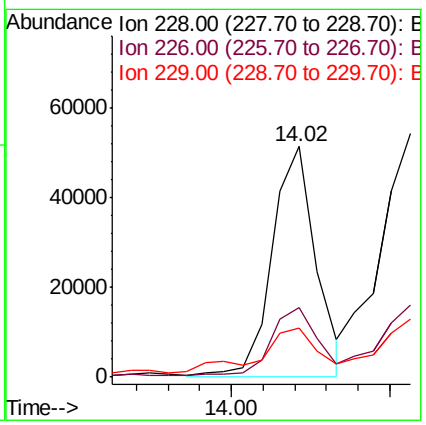


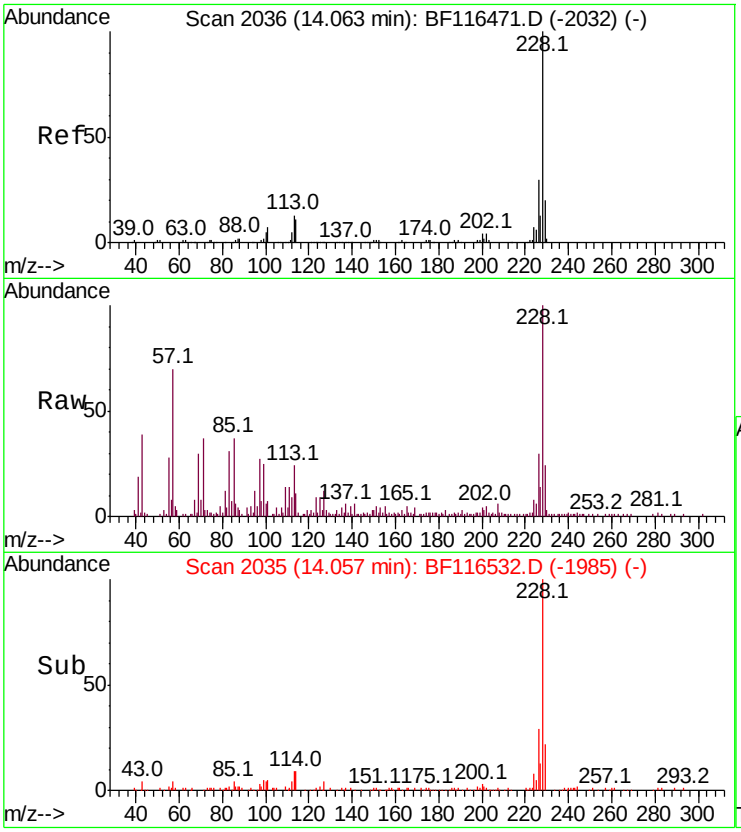


#81
Benzo(a)anthracene
Concen: 3.685 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:228 Resp: 49395

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.8	32.6
229	21.4	15.9	23.9



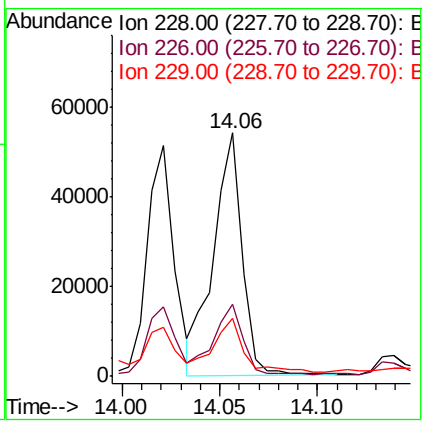


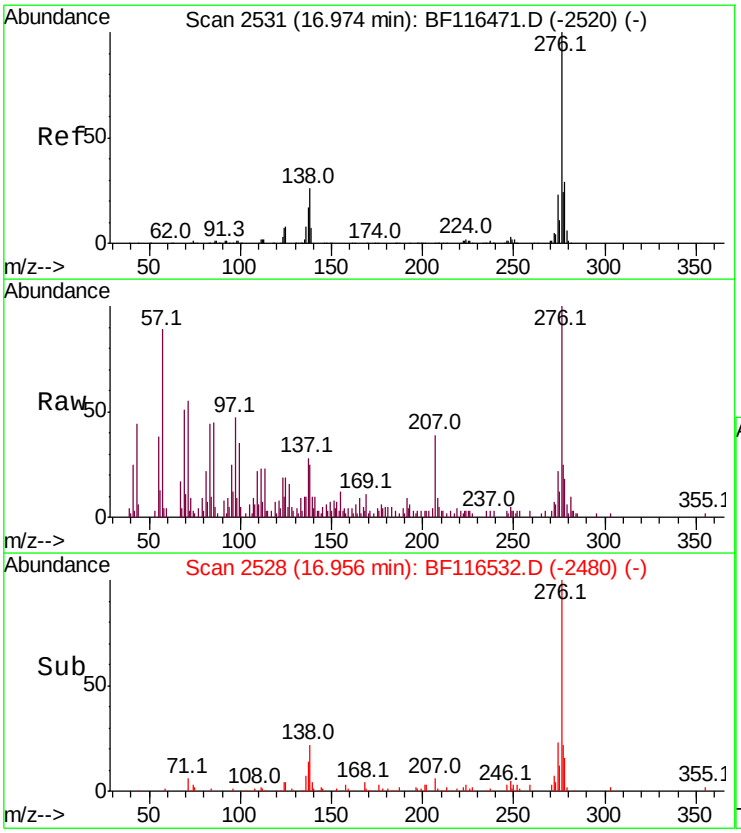
#83
Chrysene
Concen: 4.105 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 55767

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	23.6	15.8	23.6

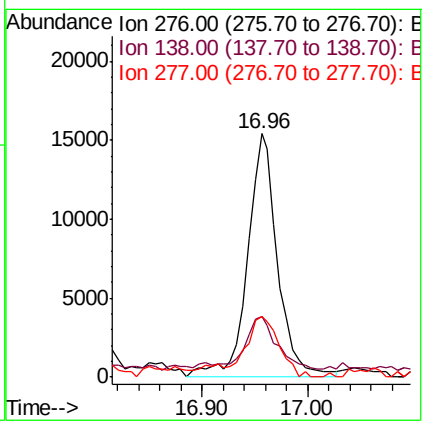


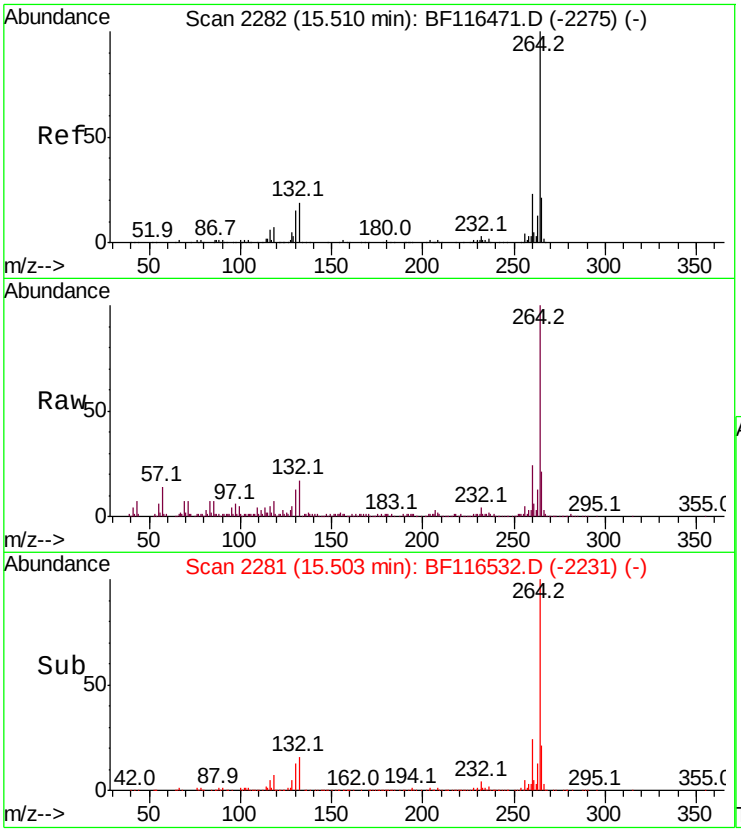


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.626 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:276 Resp: 30567

Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.9	34.3#
277	27.3	19.9	29.9



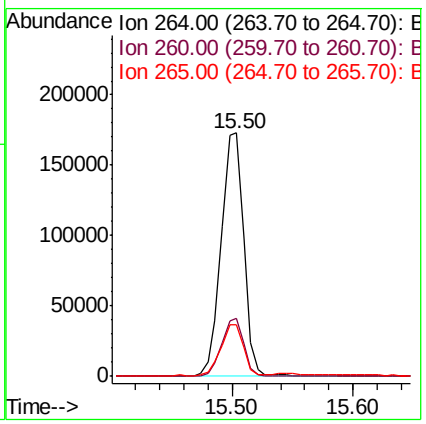


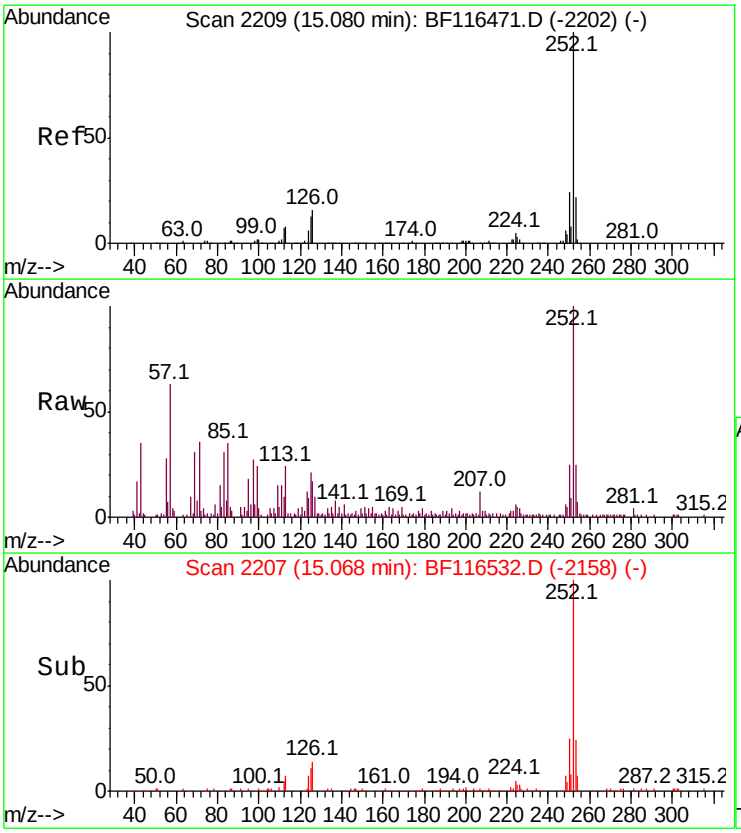
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 224543

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.3	17.1	25.7

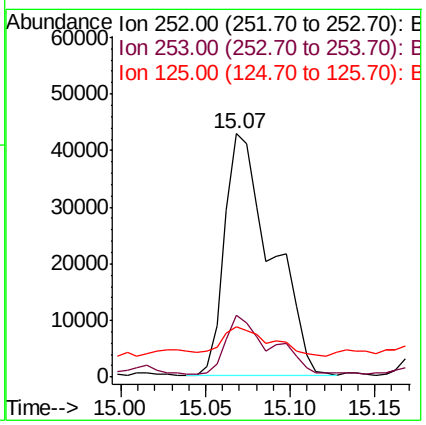


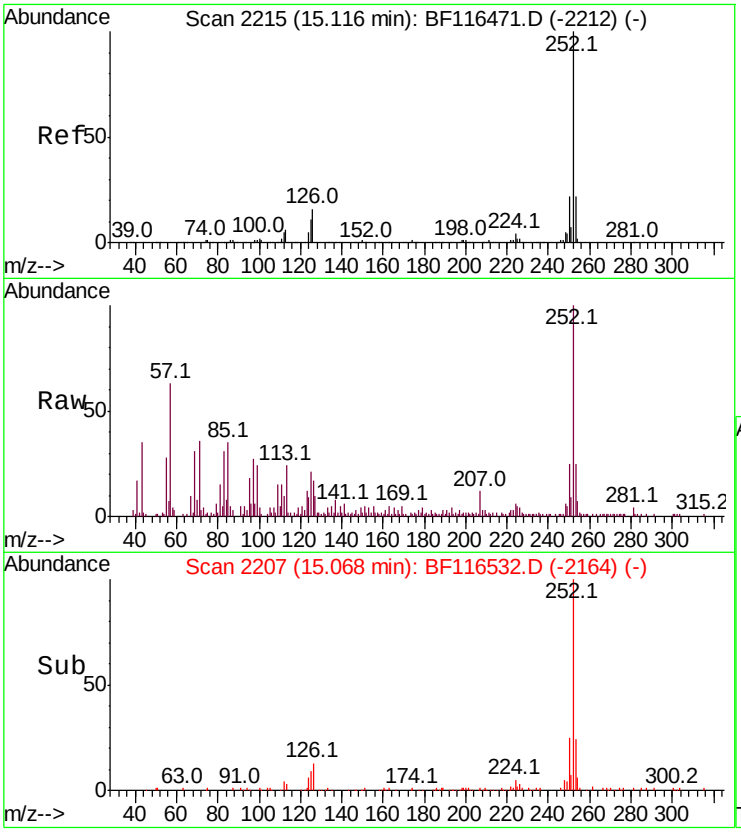


#88
Benzo(b)fluoranthene
Concen: 5.901 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:252 Resp: 81854

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	20.6	10.1	15.1#



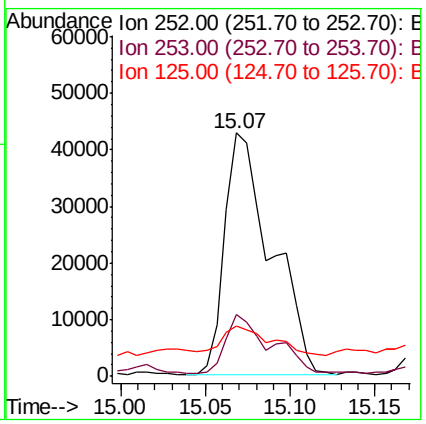


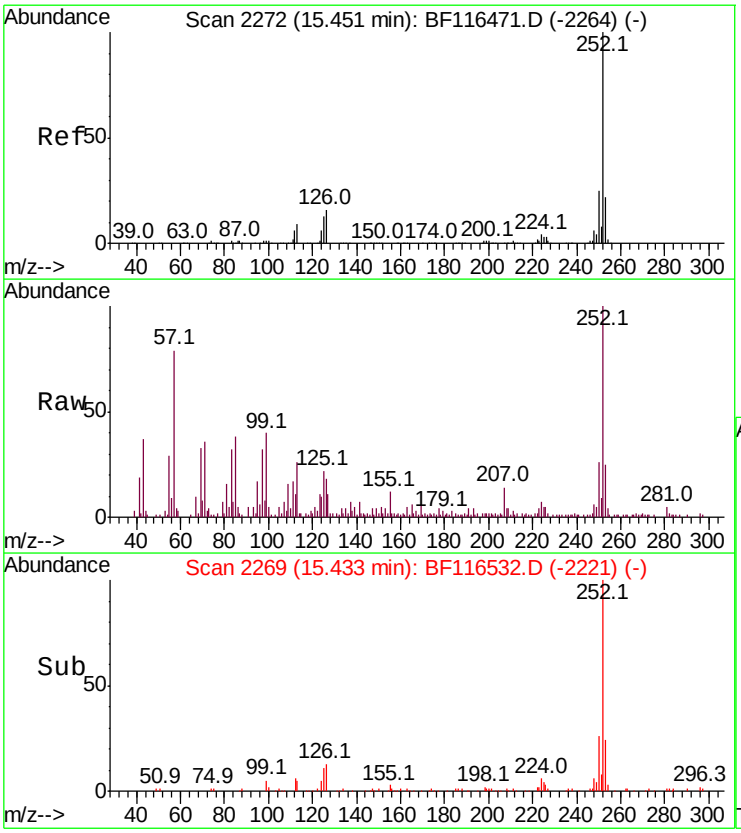
#89
Benzo(k)fluoranthene
Concen: 6.514 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.05 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 81854

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.2
125	20.6	9.1	13.7#

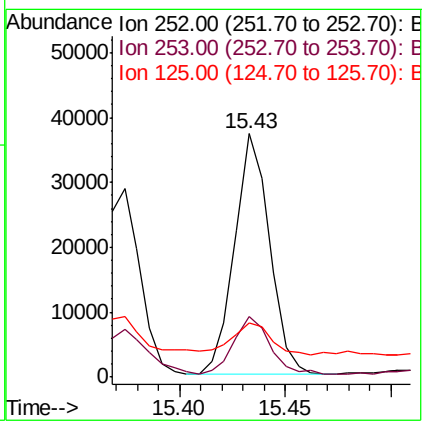


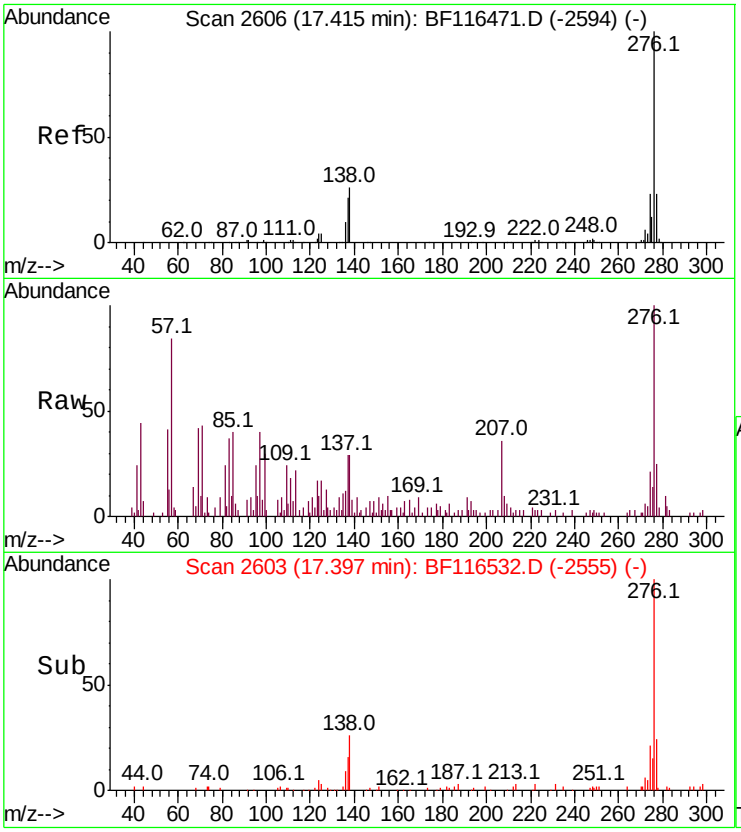


#90
Benzo(a)pyrene
Concen: 3.502 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Tgt Ion:252 Resp: 42937

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.2	25.8
125	22.2	10.2	15.4#





#92
Benzo(g,h,i)perylene
Concen: 3.001 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF116532.D
Acq: 25 Aug 2019 15:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 28823

Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.7	28.1
138	29.1	20.8	31.2