Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
Data File : BF116851.D
Acq On : 5 Sep 2019 21:08
Operator : HP/JU
Sample : K4692-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 06 03:57:56 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	64322	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	259229	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	130844	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	201573	20.00	ng		0.00
76) Chrysene-d12	14.00	240	146476	20.00	ng		0.00
87) Perylene-d12	15.46	264	110766	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	525796	132.43	ng		0.00
7) Phenol-d6	6.49	99	723881	138.85	ng		0.00
23) Nitrobenzene-d5	7.41	82	447120	98.46	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	140649	160.79	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	704337	90.81	ng		0.00
79) Terphenyl-d14	12.95	244	574421	72.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.50	94	23679	4.102	ng		91
19) n-Nitroso-di-n-propylamine	7.40	70	59477	17.326	ng	#	72
25) Isophorone	7.41	82	447116	48.592	ng	#	66
31) Naphthalene	8.15	128	32250	2.616	ng		99
37) 2-Methylnaphthalene	8.84	142	17948	2.188	ng		95
50) Dimethylphthalate	9.59	163	116475	12.894	ng		97
52) Acenaphthene	9.91	154	25230	3.454	ng		97
58) Fluorene	10.43	166	36680	4.675	ng		99
65) 4,6-Dinitro-2-methylphenol	10.67	198	248	7.733	ng	#	1
67) 4-Bromophenyl-phenylether	10.67	248	8951	4.371	ng	#	1
71) Phenanthrene	11.39	178	299253	26.669	ng		99
72) Anthracene	11.44	178	58334	5.164	ng		97
75) Fluoranthene	12.58	202	277629	25.176	ng		99
78) Pyrene	12.81	202	280865	21.571	ng		100
81) Benzo(a)anthracene	13.99	228	111091	11.983	ng		98
83) Chrysene	13.99	228	111091	11.632	ng		98
86) Indeno(1,2,3-cd)pyrene	16.92	276	35400	4.615	ng		94
88) Benzo(b)fluoranthene	15.04	252	123975	18.513	ng	#	94
89) Benzo(k)fluoranthene	15.04	252	123975	20.304	ng	#	95
90) Benzo(a)pyrene	15.40	252	65595	11.259	ng		98
92) Benzo(g,h,i)perylene	17.36	276	36068	6.935	ng		94

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

Quantitation Report (Not Reviewed)

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Data File : BF116851.D
Acq On : 5 Sep 2019 21:08
Operator : HP/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

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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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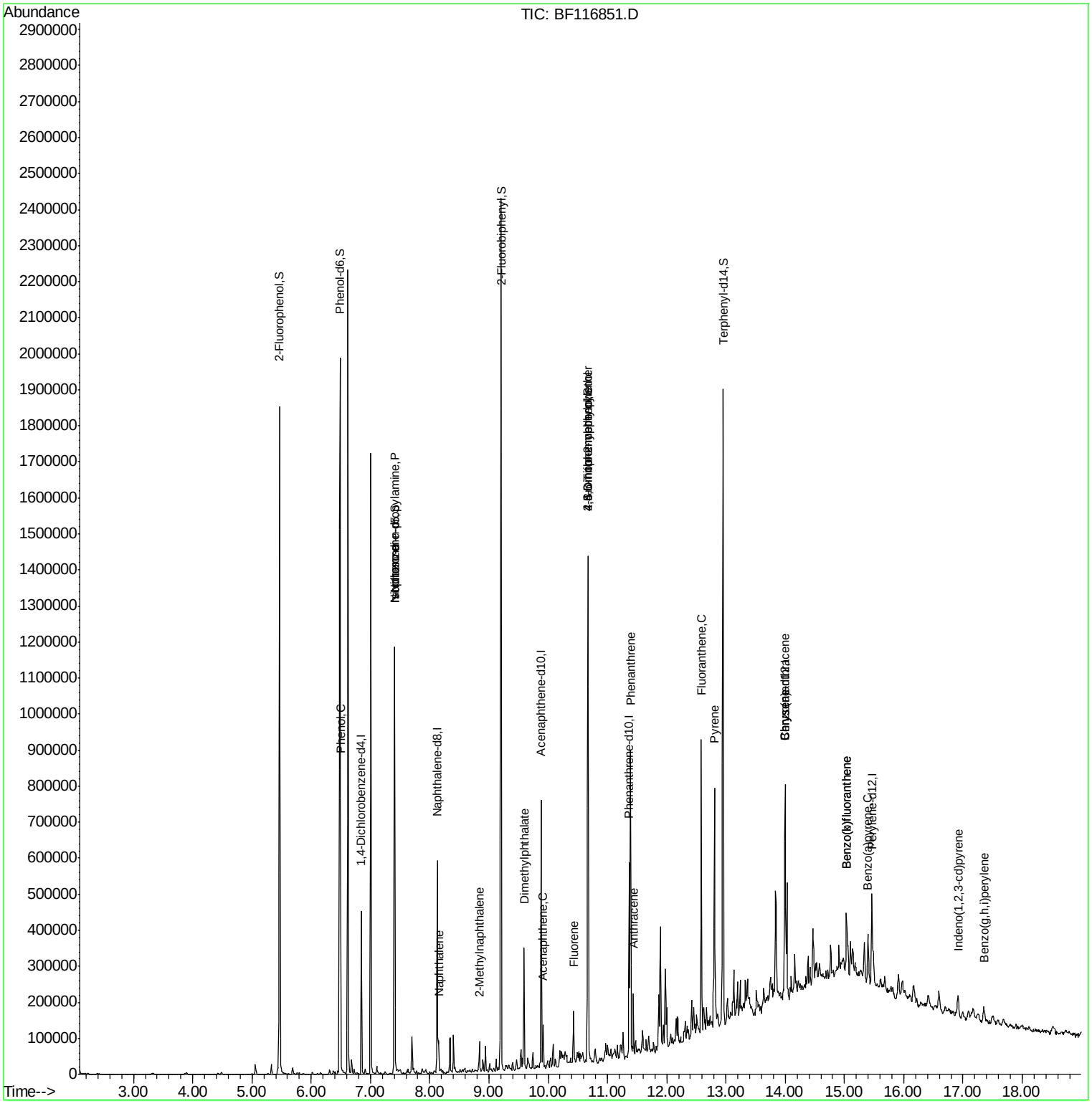
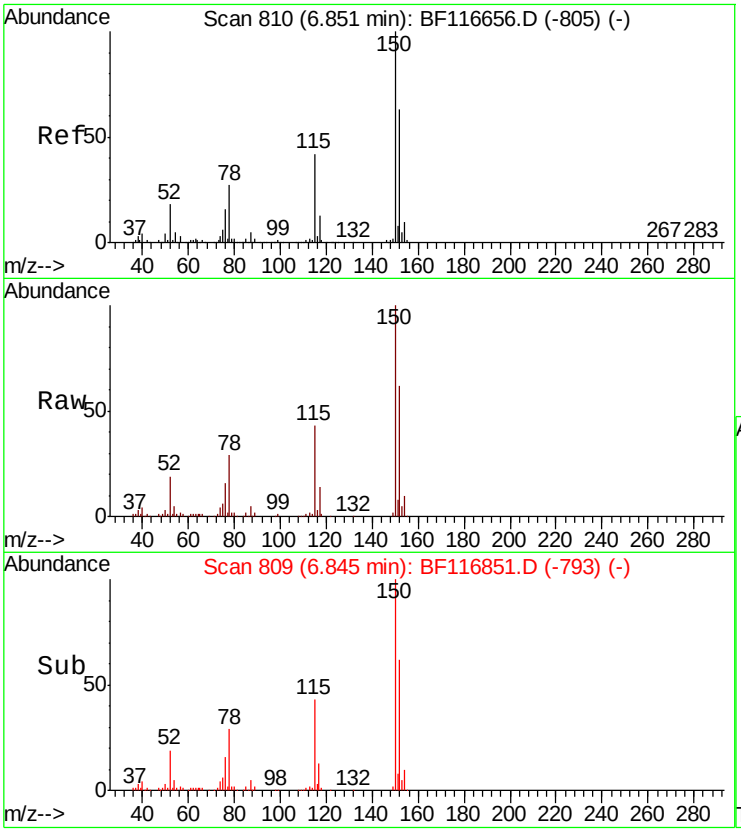


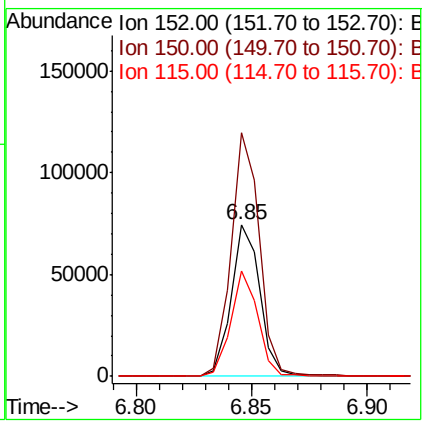


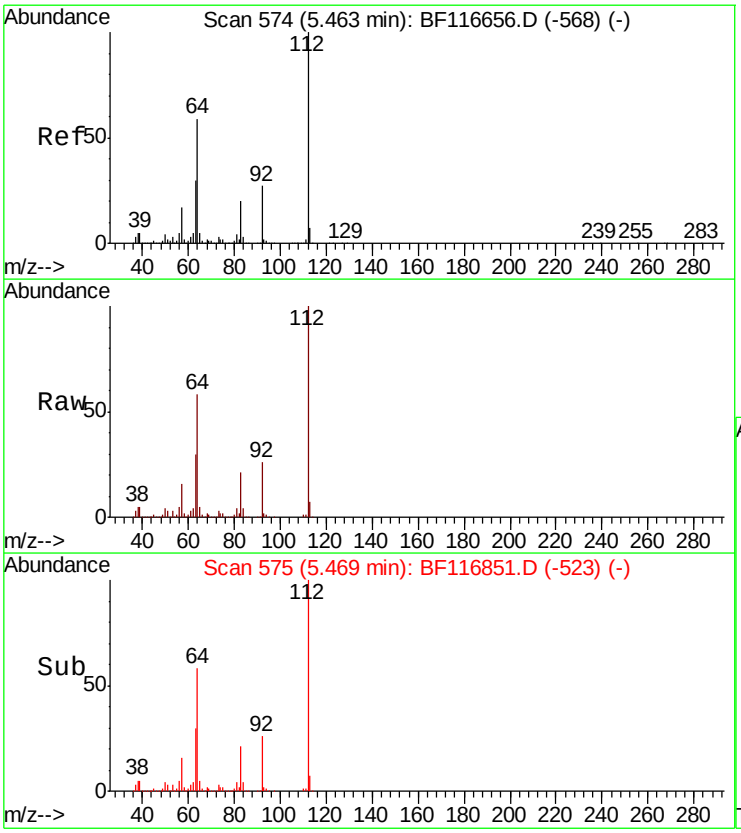
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 64322

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.4	186.6
115	69.2	49.9	74.9

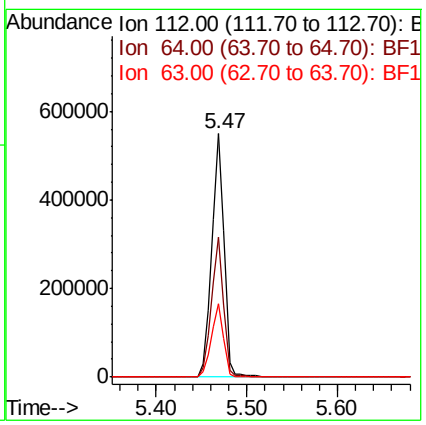


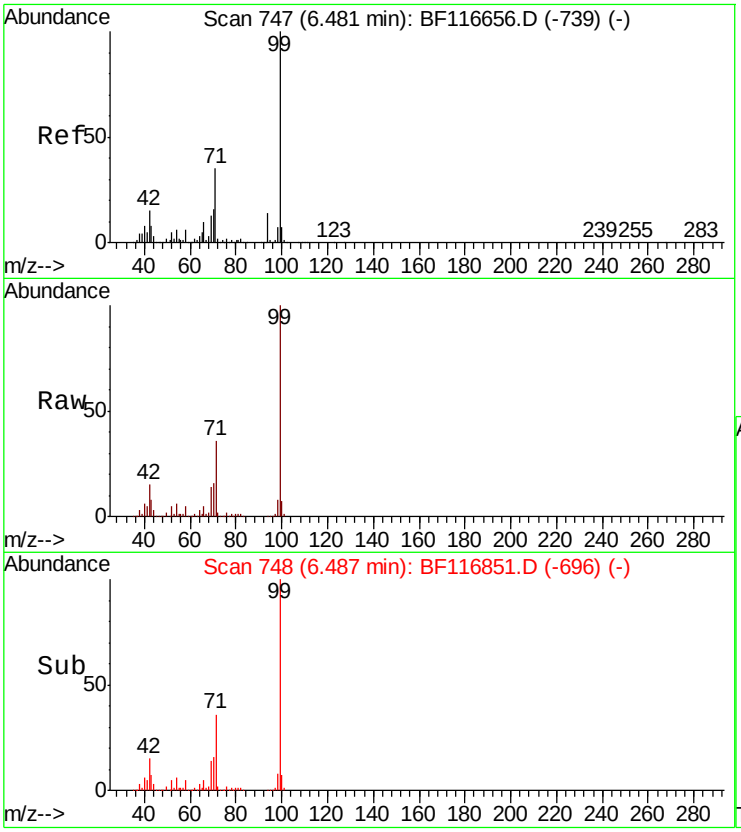


#5
2-Fluorophenol
Concen: 132.431 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:112 Resp: 525796

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.1	70.7
63	29.9	24.9	37.3



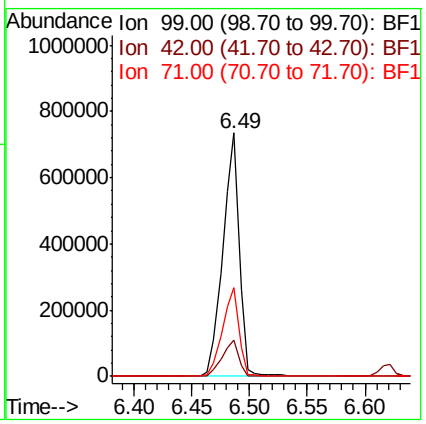


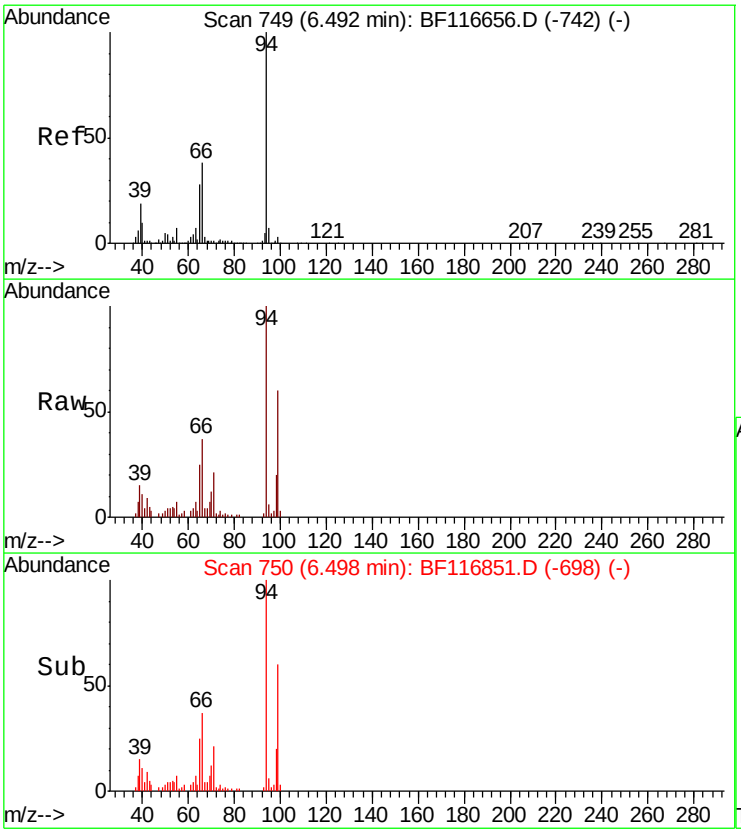
#7
Phenol-d6
Concen: 138.847 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 723881

Ion	Ratio	Lower	Upper
99	100		
42	15.1	13.7	20.5
71	36.5	30.8	46.2

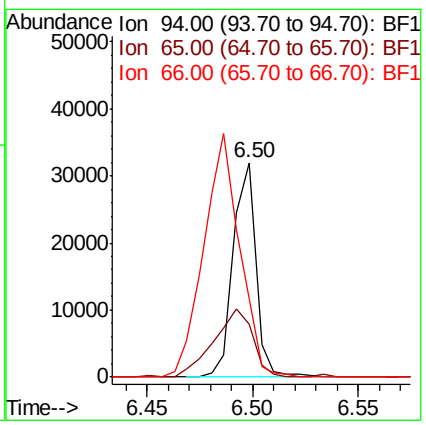


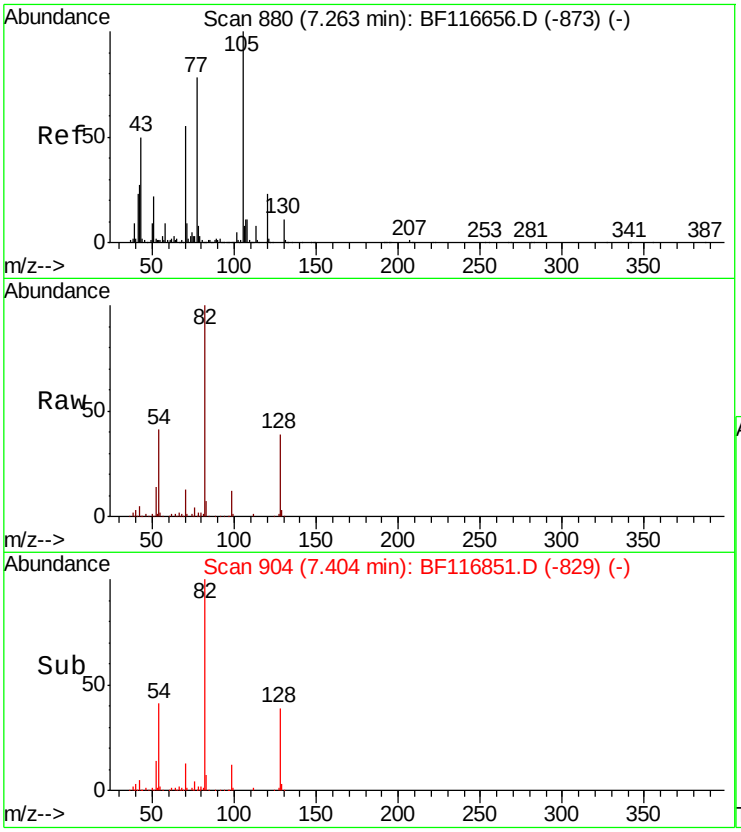


#10
Phenol
Concen: 4.102 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion: 94 Resp: 23679

Ion	Ratio	Lower	Upper
94	100		
65	24.7	10.8	50.8
66	36.7	21.1	61.1



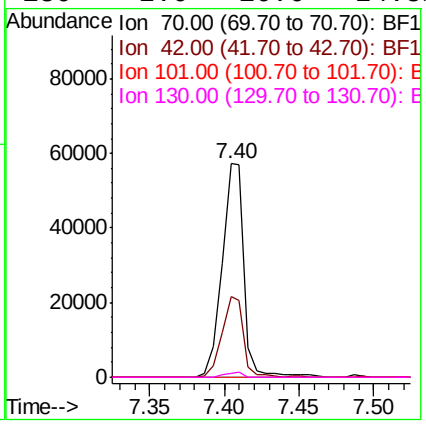


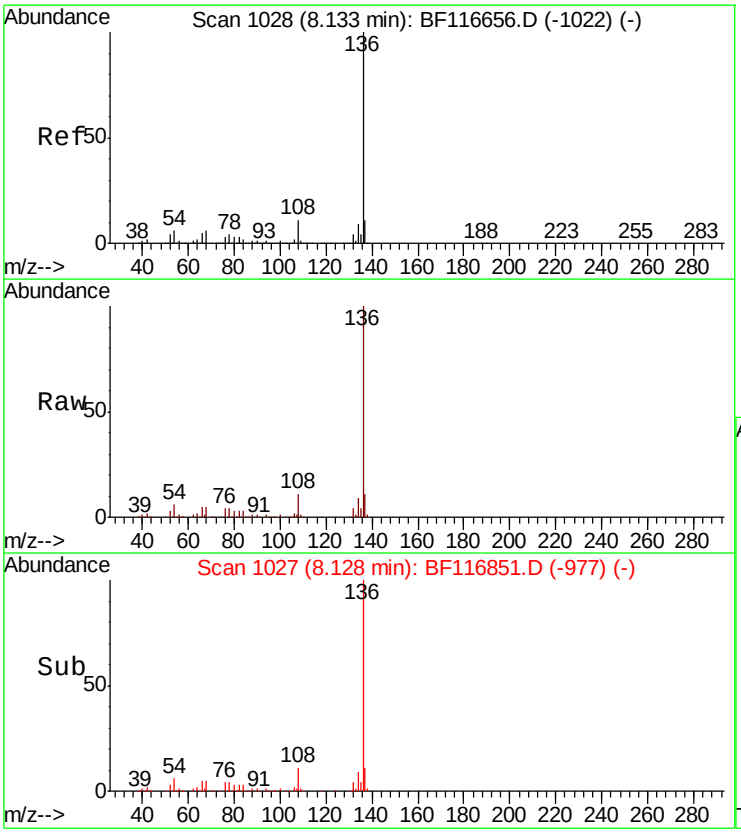
#19
n-Nitroso-di-n-propylamine
Concen: 17.326 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59477

Ion	Ratio	Lower	Upper
70	100		
42	37.9	43.5	65.3#
101	0.0	7.8	11.6#
130	2.0	16.6	24.8#

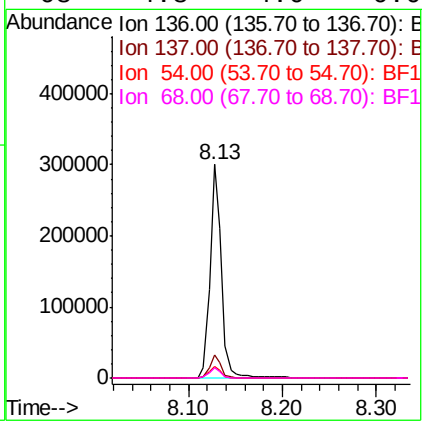


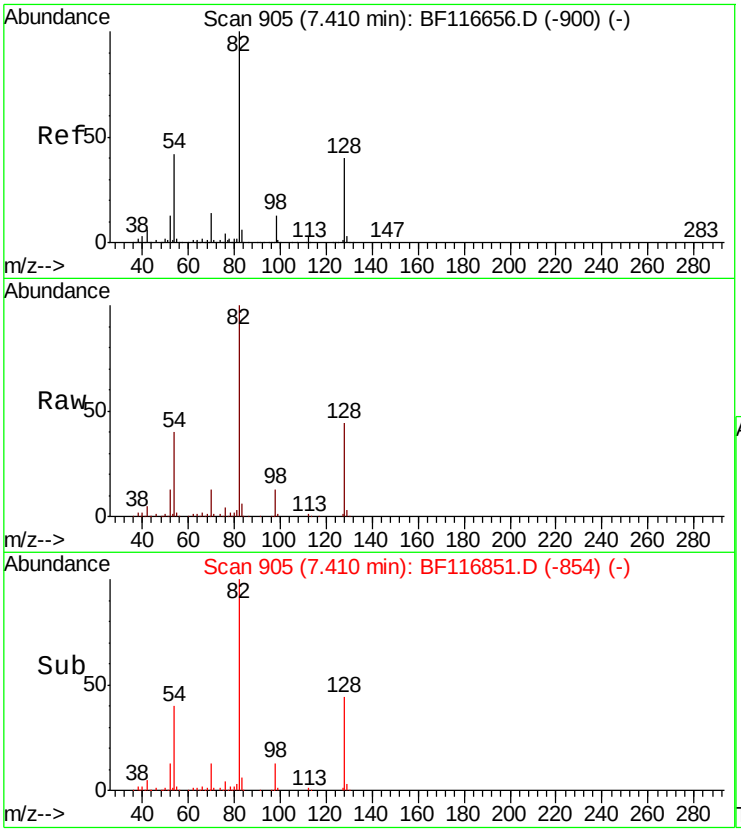


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:136 Resp: 259229

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.6	4.8	7.2
68	4.8	4.0	6.0



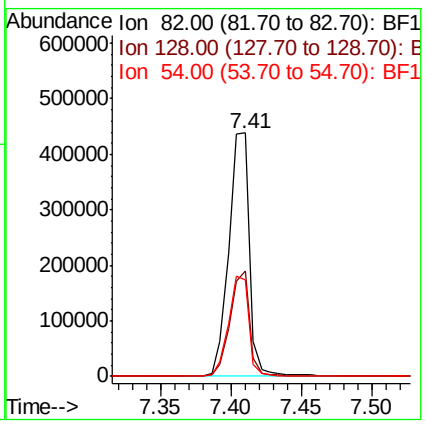


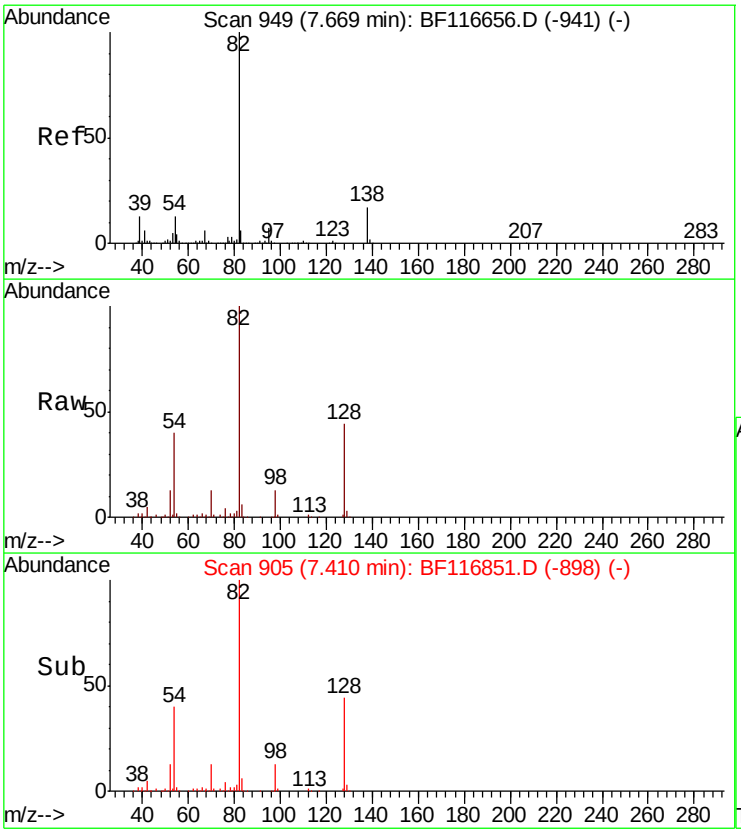
#23
Nitrobenzene-d5
Concen: 98.465 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 447120

Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.8	49.2
54	39.7	36.9	55.3

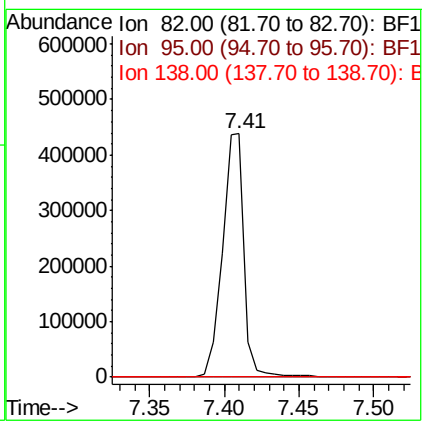


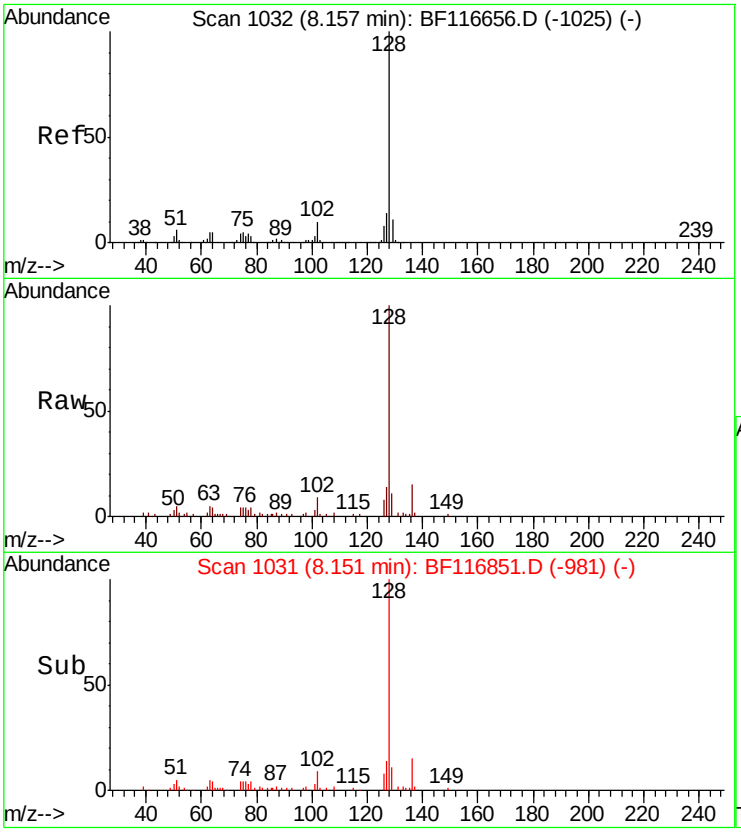


#25
Isophorone
Concen: 48.592 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion: 82 Resp: 447116

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



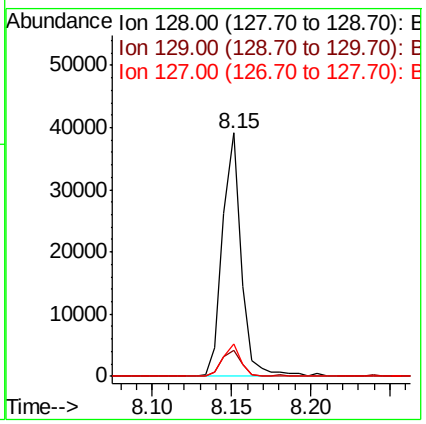


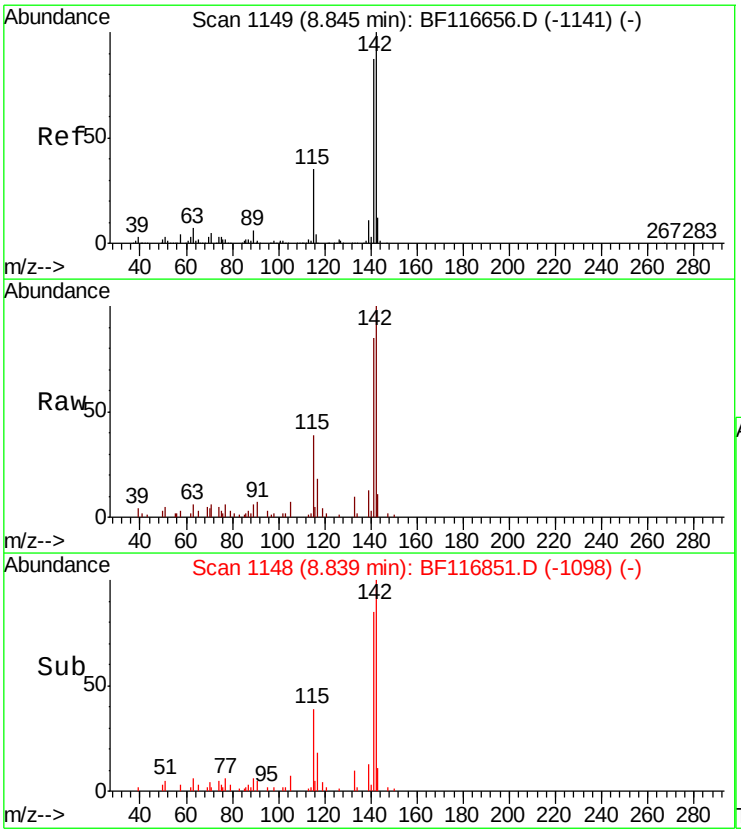
#31
Naphthalene
Concen: 2.616 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 32250

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.6	10.4	15.6

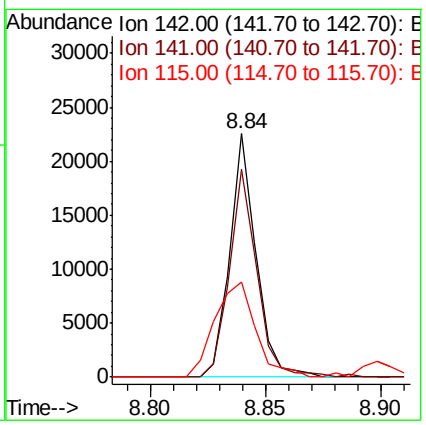


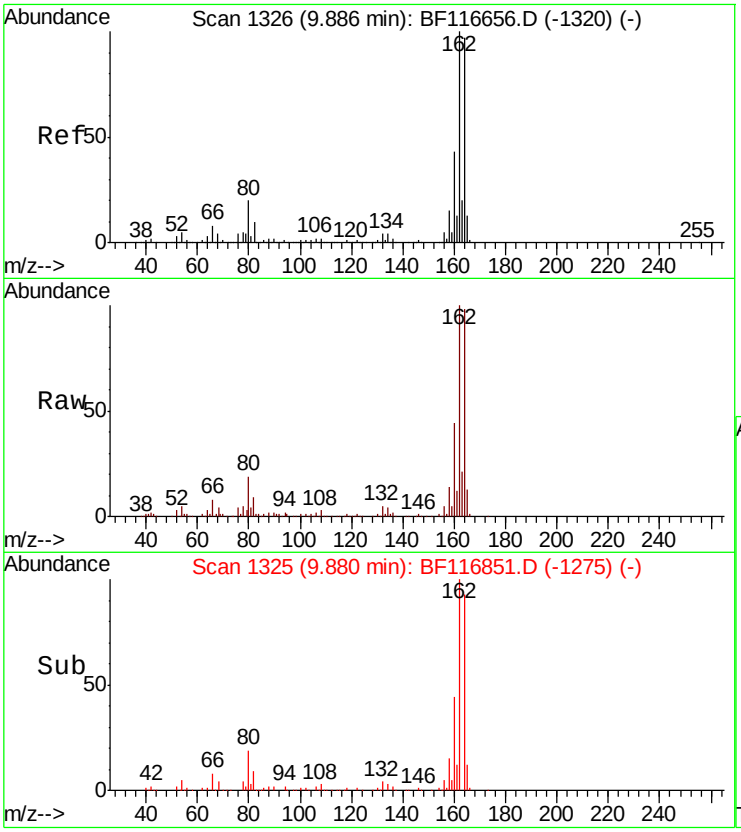


#37
2-Methylnaphthalene
Concen: 2.188 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:142 Resp: 17948

Ion	Ratio	Lower	Upper
142	100		
141	85.4	72.6	109.0
115	39.3	29.8	44.6



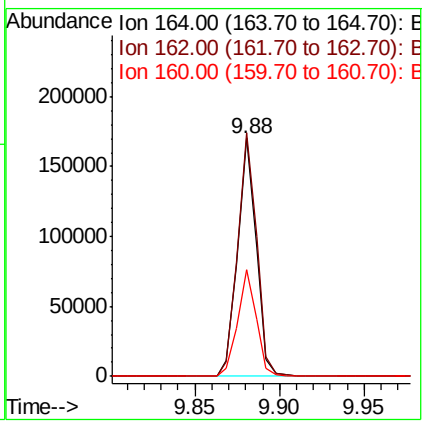


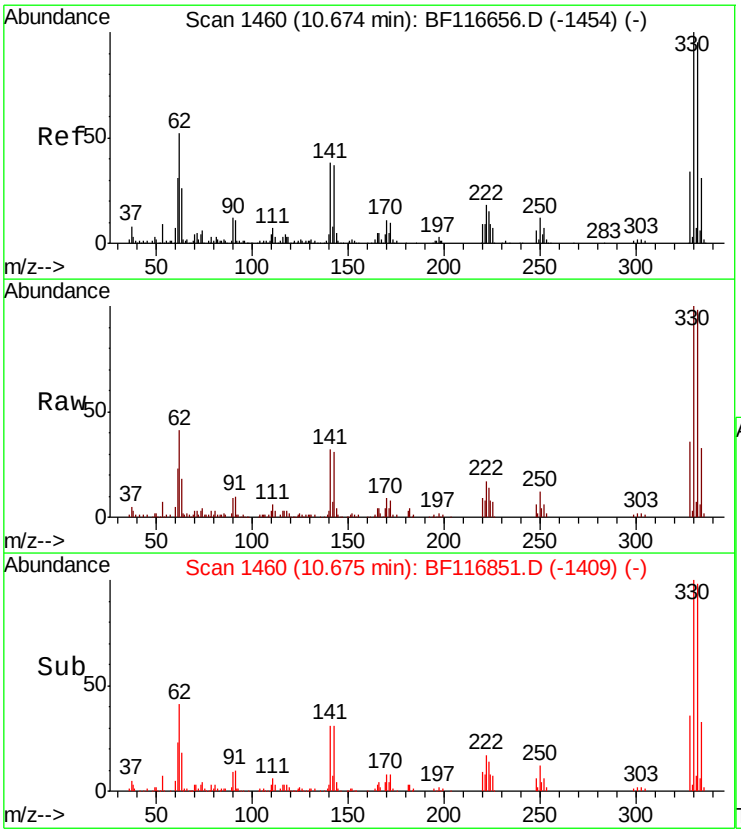
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 130844

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.9	35.4	53.2

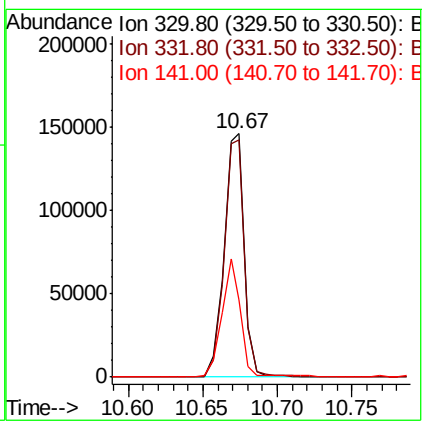


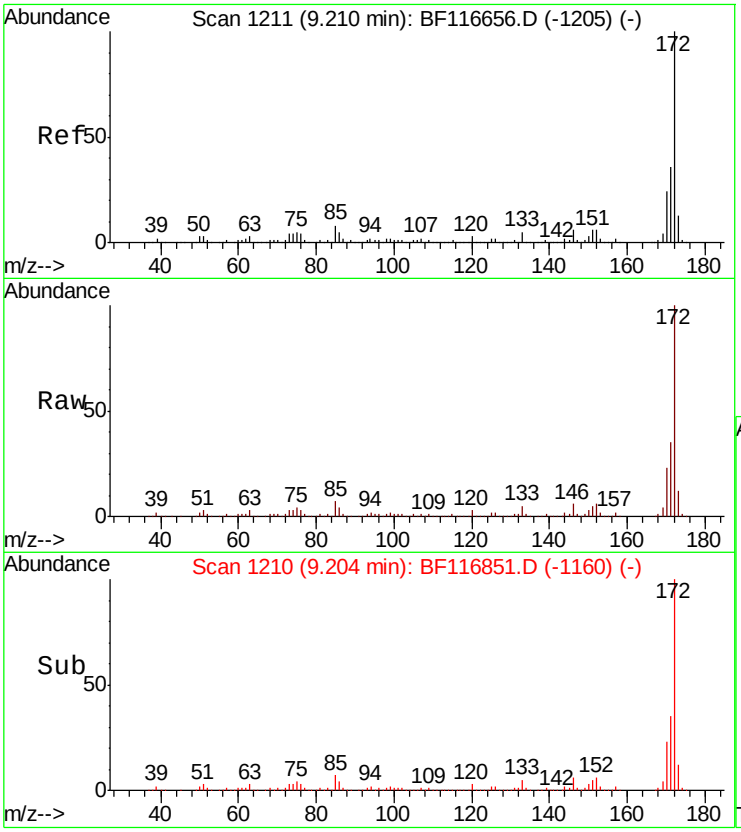


#42
2,4,6-Tribromophenol
Concen: 160.793 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:330 Resp: 140649

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	46.1	31.4	47.2



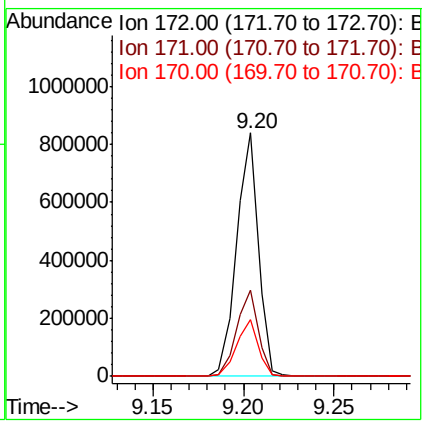


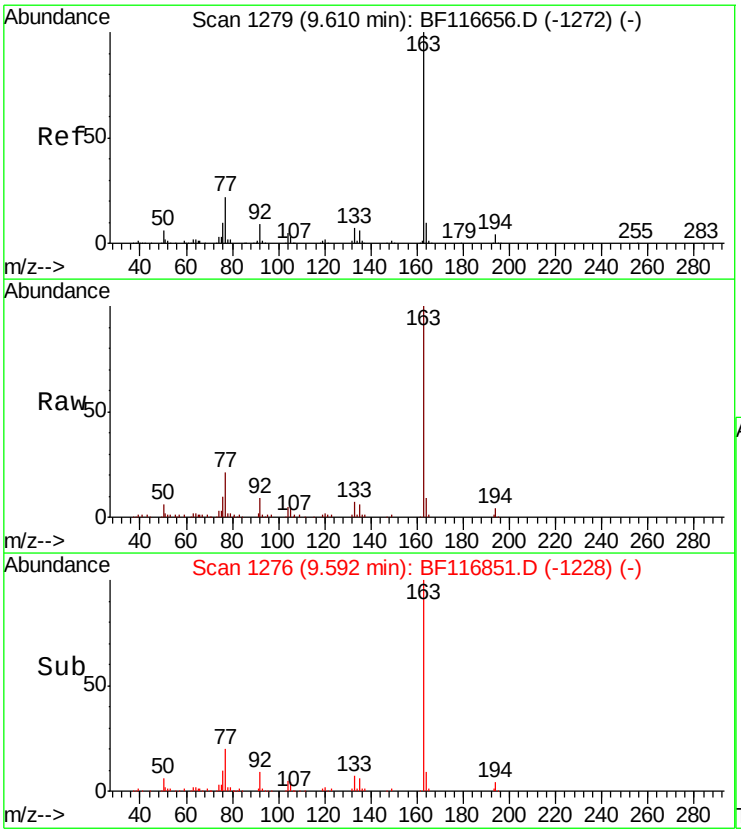
#45
2-Fluorobiphenyl
Concen: 90.806 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 704337

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.4	18.9	28.3

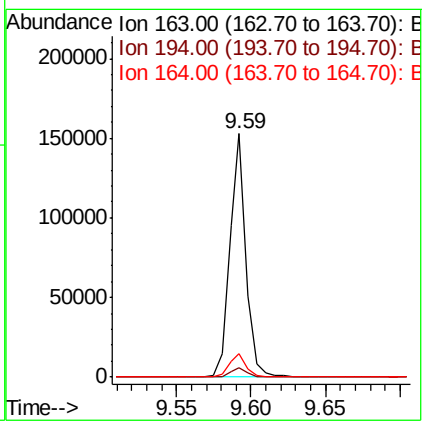


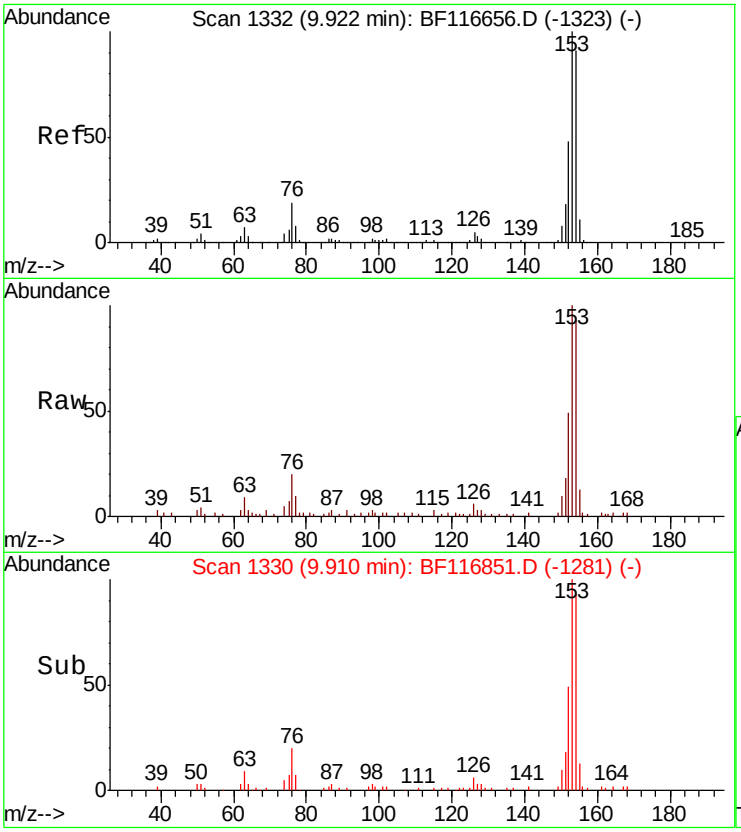


#50
Dimethylphthalate
Concen: 12.894 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:163 Resp: 116475

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.4	8.6	12.8



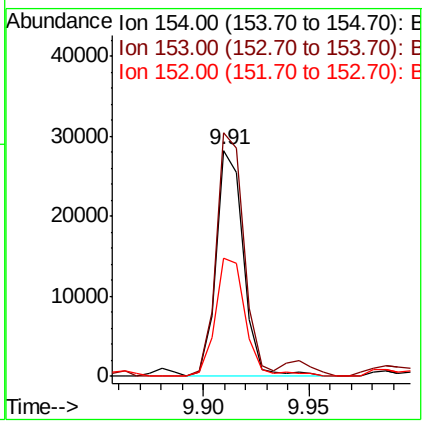


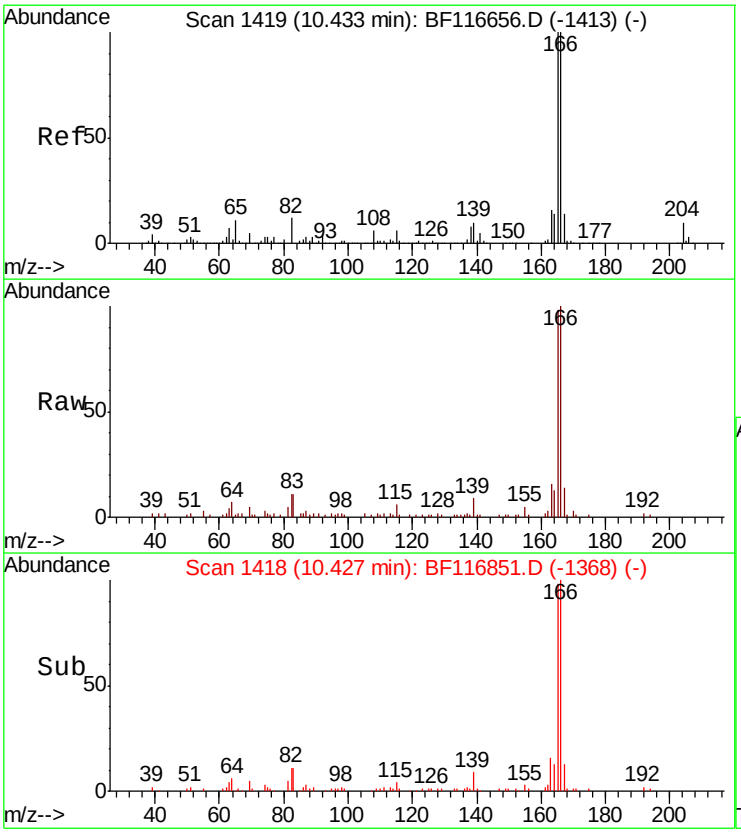
#52
Acenaphthene
Concen: 3.454 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 25230

Ion	Ratio	Lower	Upper
154	100		
153	107.9	89.5	134.3
152	52.5	41.9	62.9

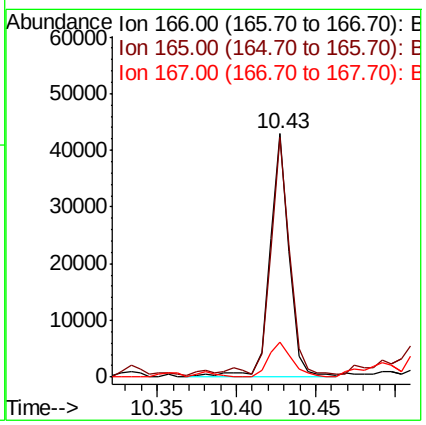


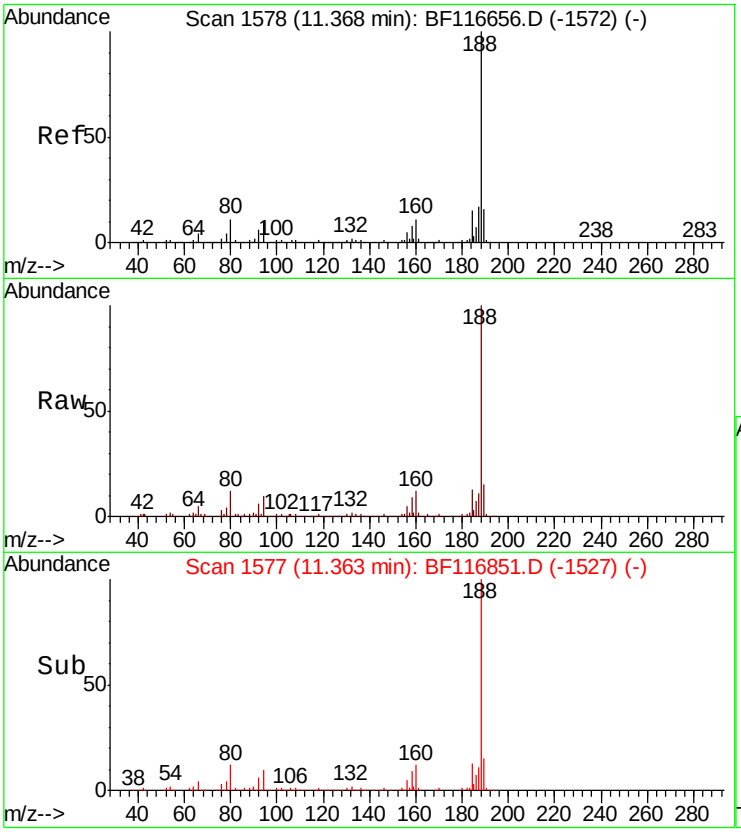


#58
Fluorene
Concen: 4.675 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:166 Resp: 36680

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.8	118.2
167	14.2	10.0	15.0



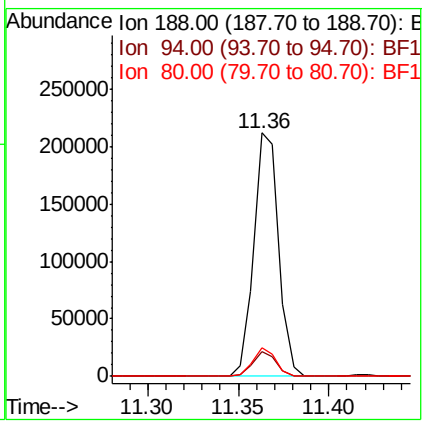


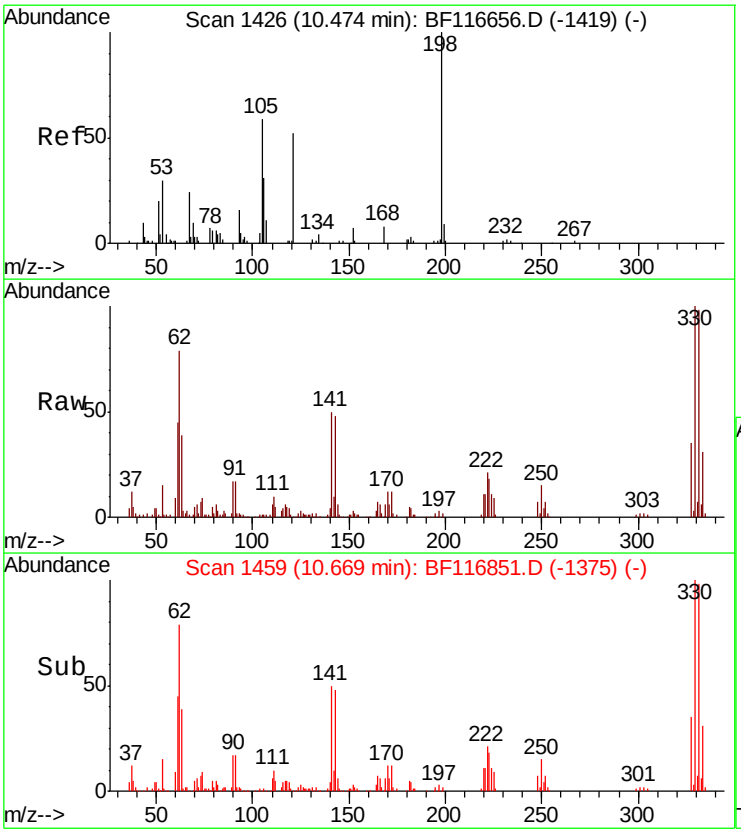
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 201573

Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.3	10.9
80	11.8	8.4	12.6

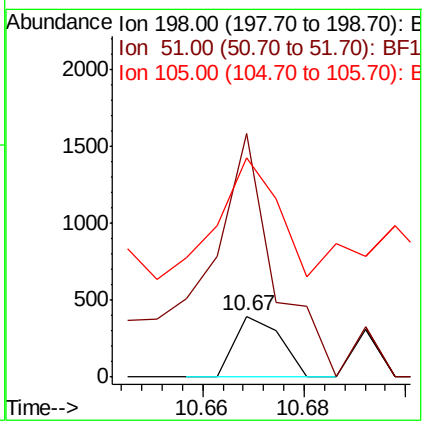


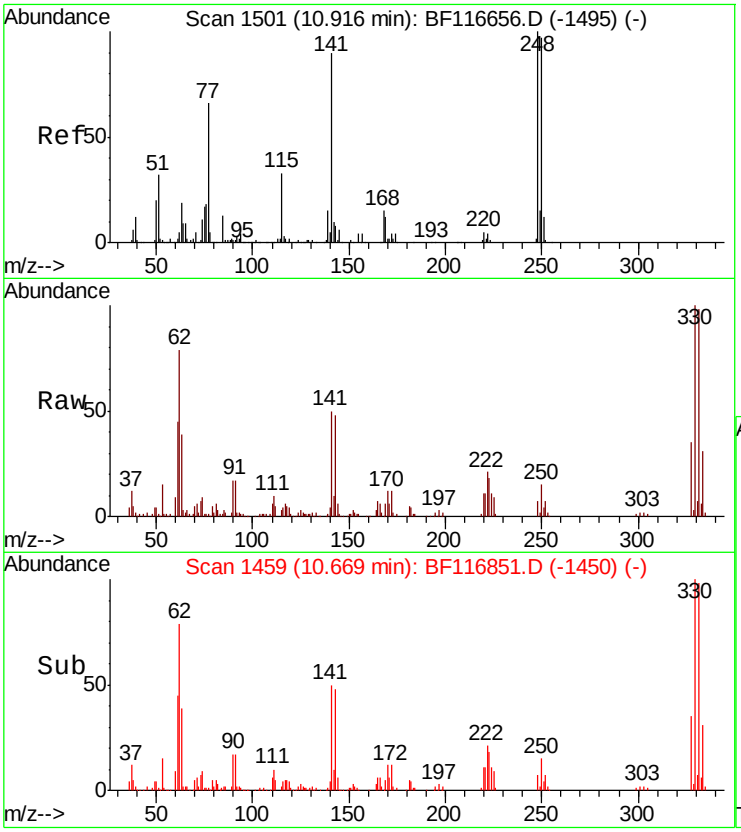


#65
4,6-Dinitro-2-methylphenol
Concen: 7.733 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:198 Resp: 248

Ion	Ratio	Lower	Upper
198	100		
51	399.5	18.4	58.4#
105	360.7	22.9	62.9#



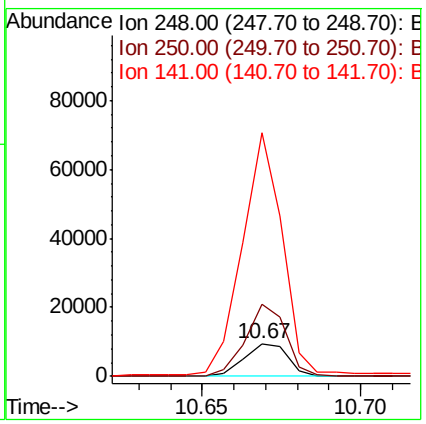


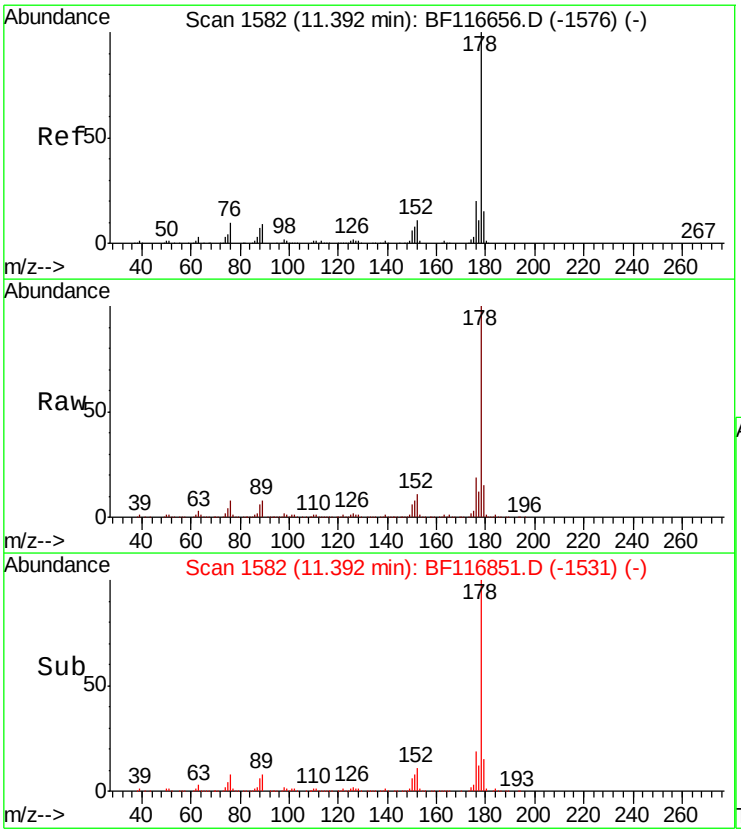
#67
4-Bromophenyl-phenylether
Concen: 4.371 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8951

Ion	Ratio	Lower	Upper
248	100		
250	218.8	77.8	116.8#
141	743.6	75.9	113.9#

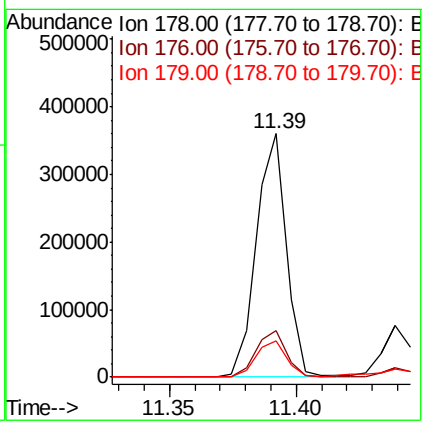


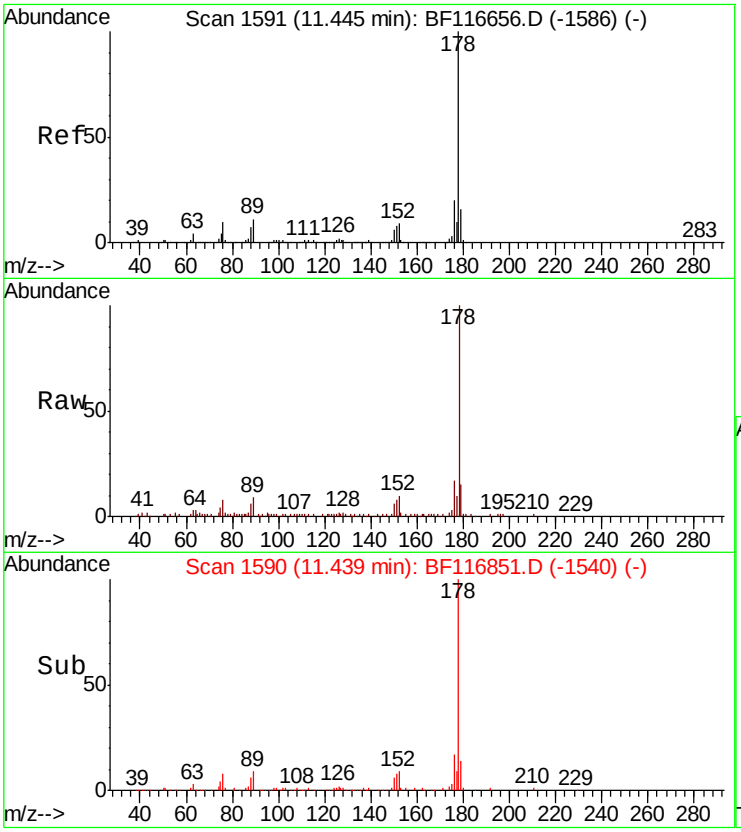


#71
Phenanthrene
Concen: 26.669 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:178 Resp: 299253

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	14.7	12.2	18.2



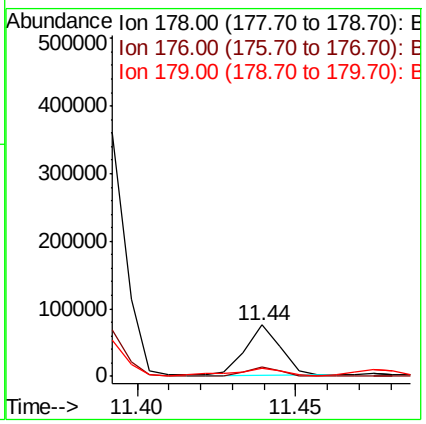


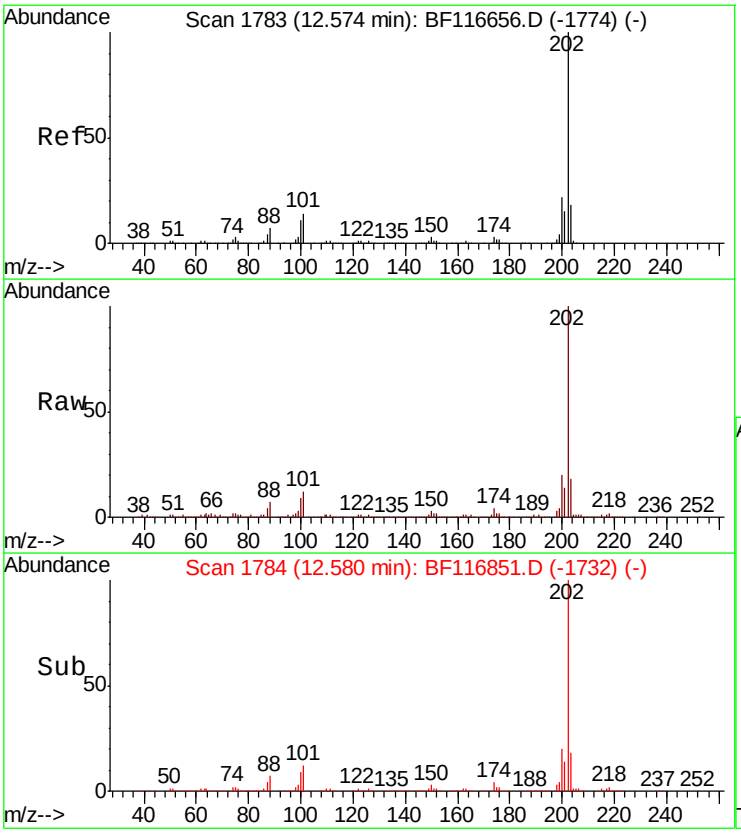
#72
Anthracene
Concen: 5.164 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58334

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.0
179	14.8	12.5	18.7

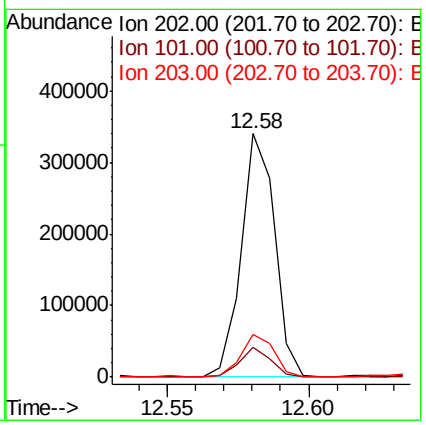


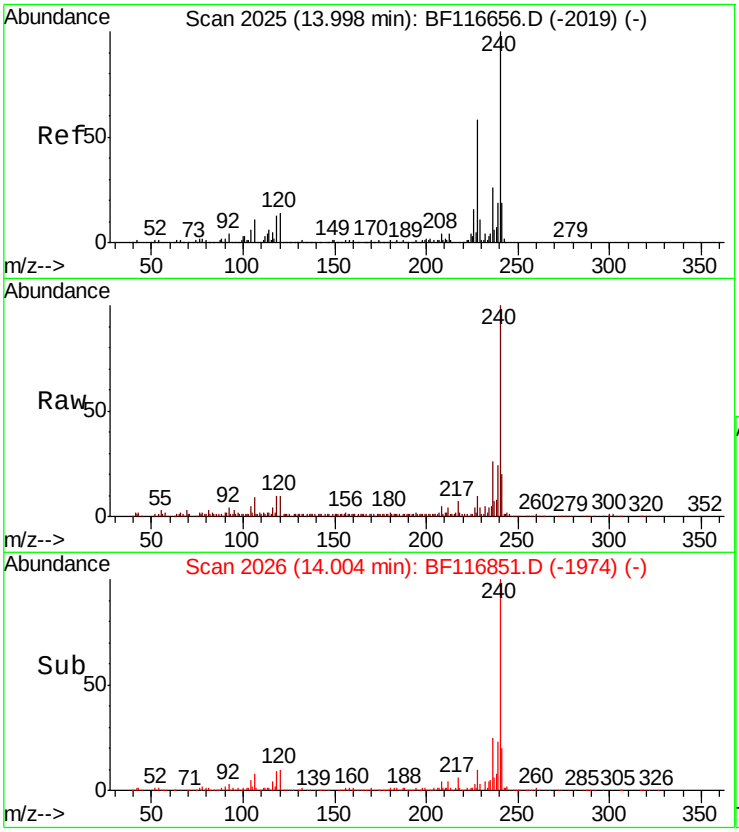


#75
Fluoranthene
Concen: 25.176 ng
RT: 12.58 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:202 Resp: 277629

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	17.6	0.0	37.6



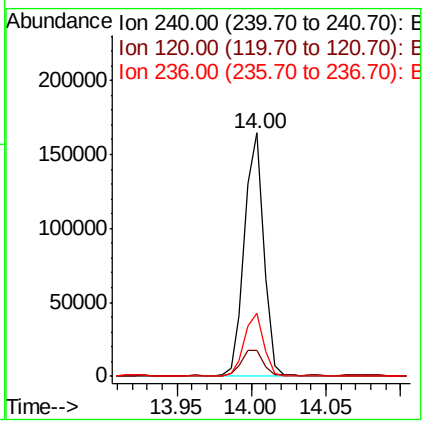


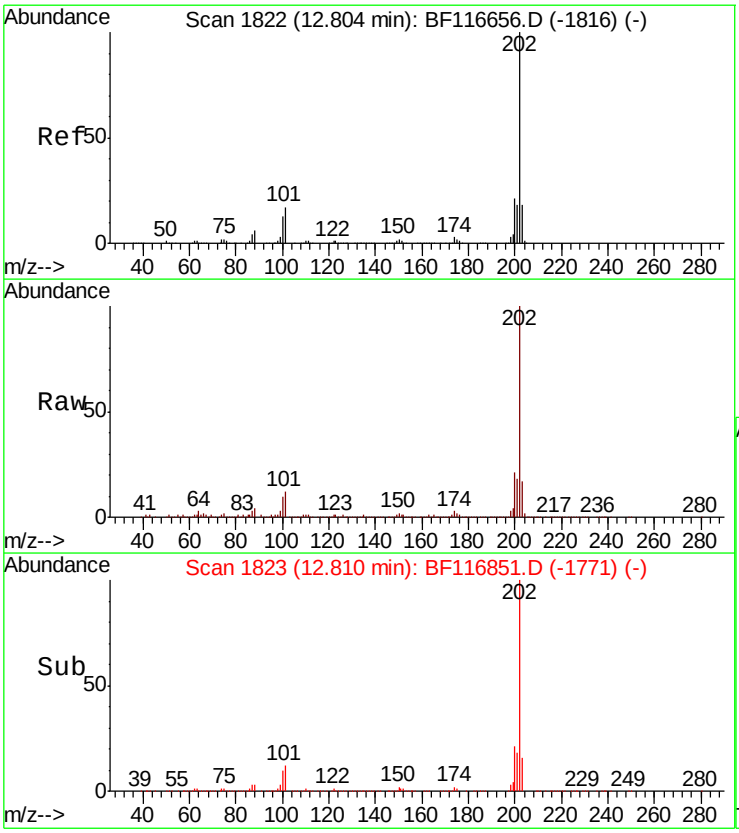
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 146476

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.1	13.7
236	25.7	21.1	31.7

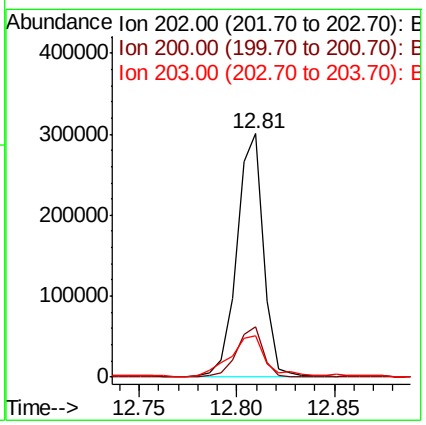


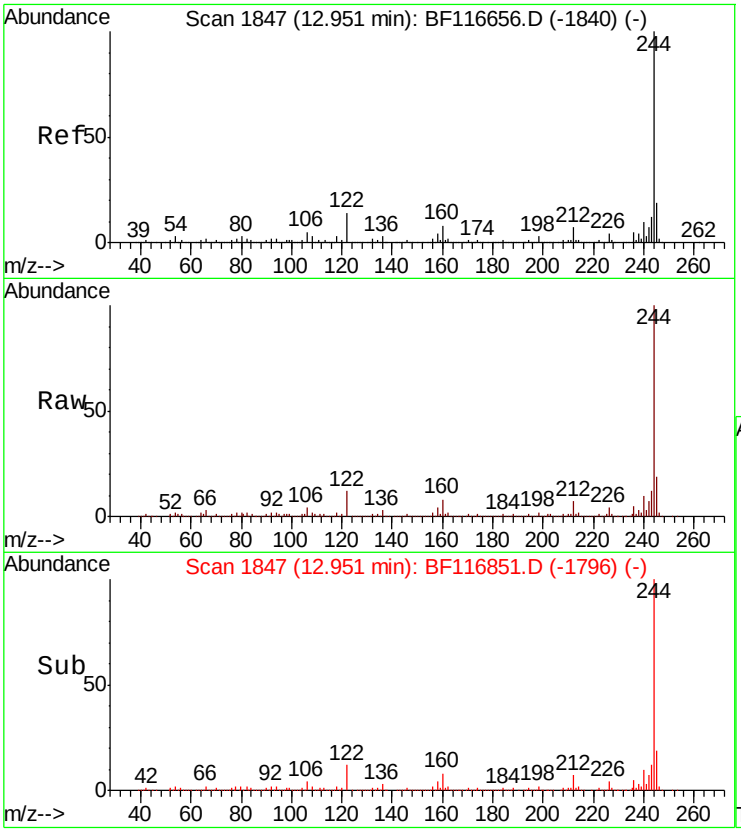


#78
Pyrene
Concen: 21.571 ng
RT: 12.81 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:202 Resp: 280865

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	16.8	13.7	20.5



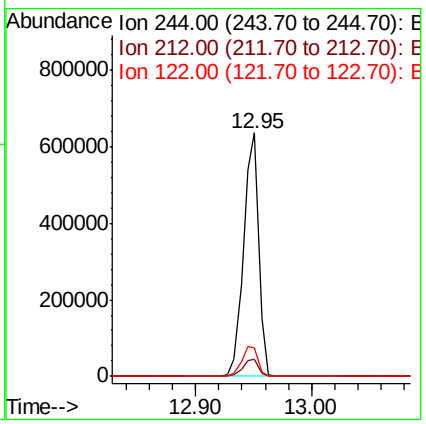


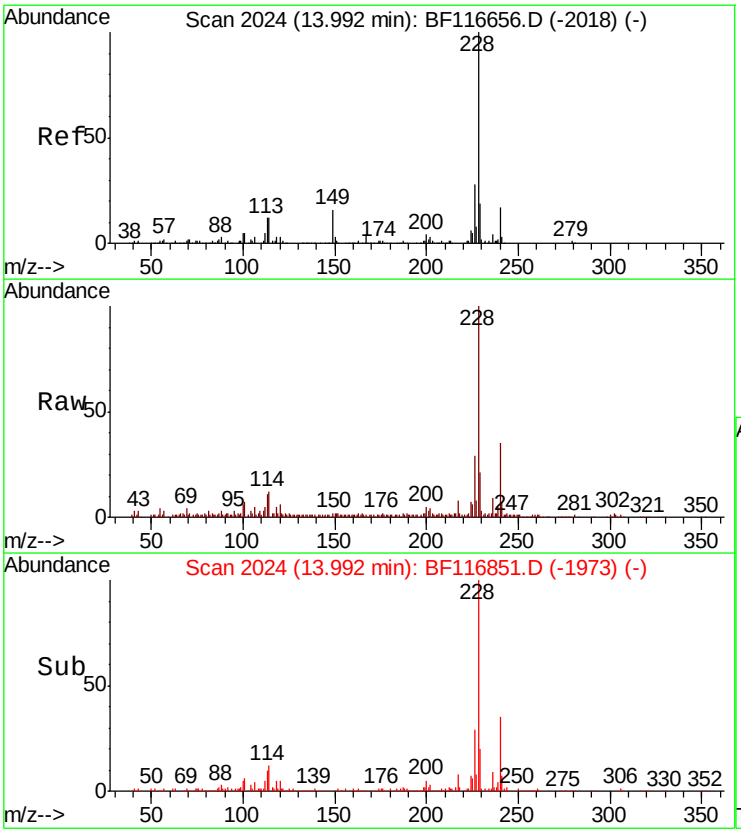
#79
Terphenyl-d14
Concen: 72.547 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 574421

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	11.7	10.2	15.4

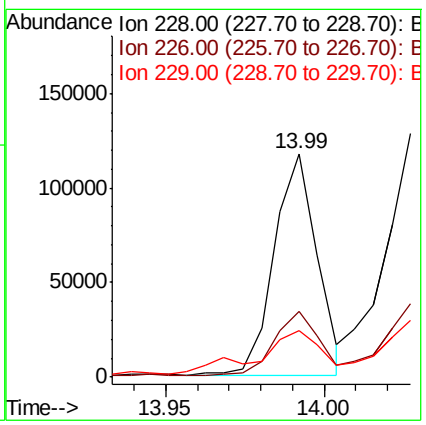


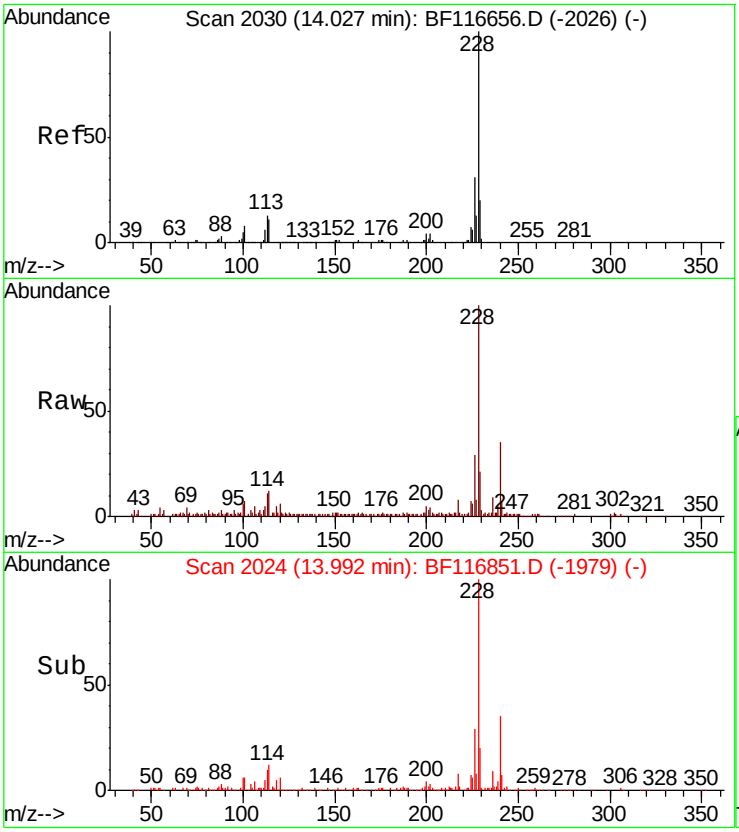


#81
Benzo(a)anthracene
Concen: 11.983 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:228 Resp: 111091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.0	33.0
229	20.8	16.4	24.6



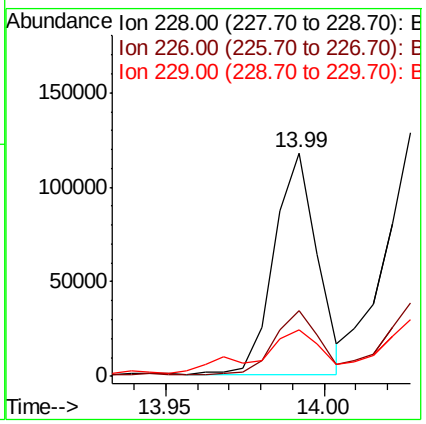


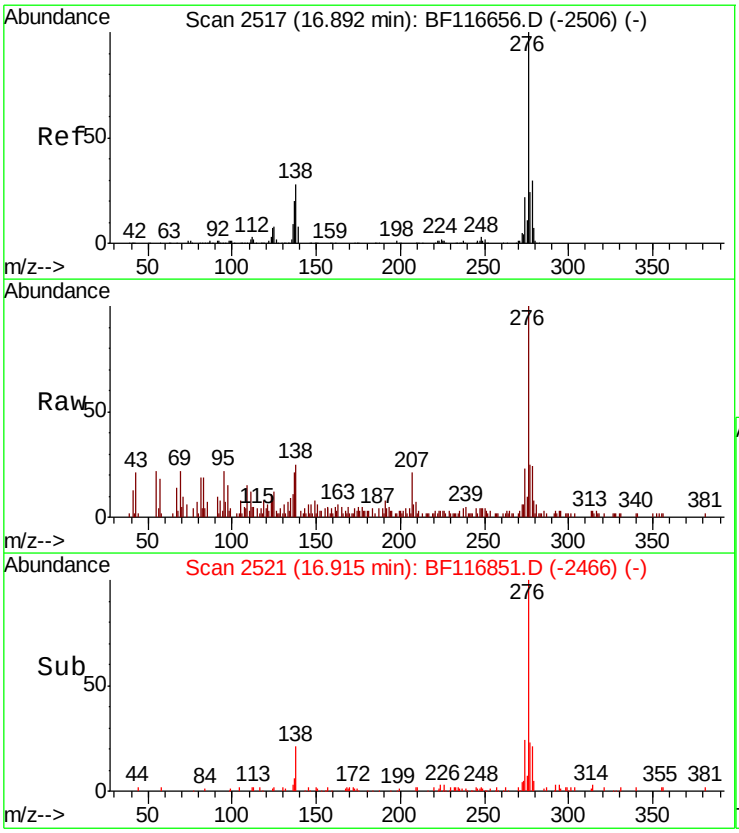
#83
Chrysene
Concen: 11.632 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 111091

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	20.8	15.4	23.0

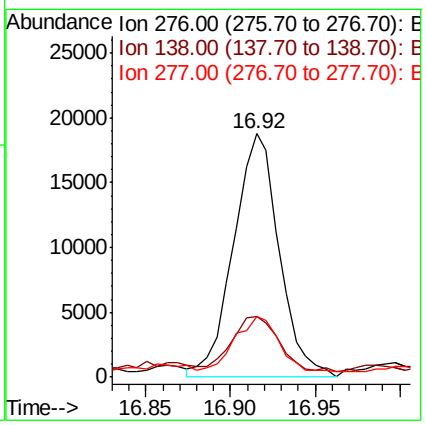


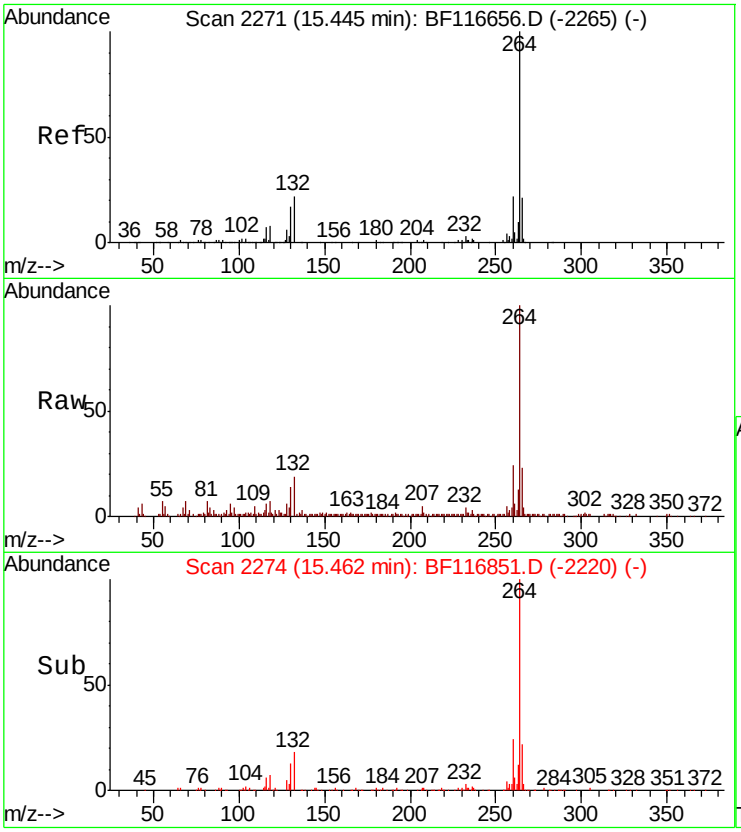


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.615 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.02 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:276 Resp: 35400

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.4	29.2
277	21.8	20.5	30.7



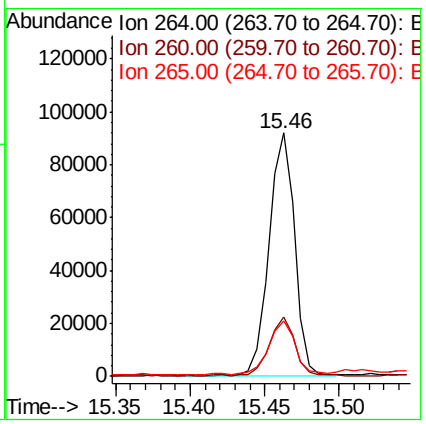


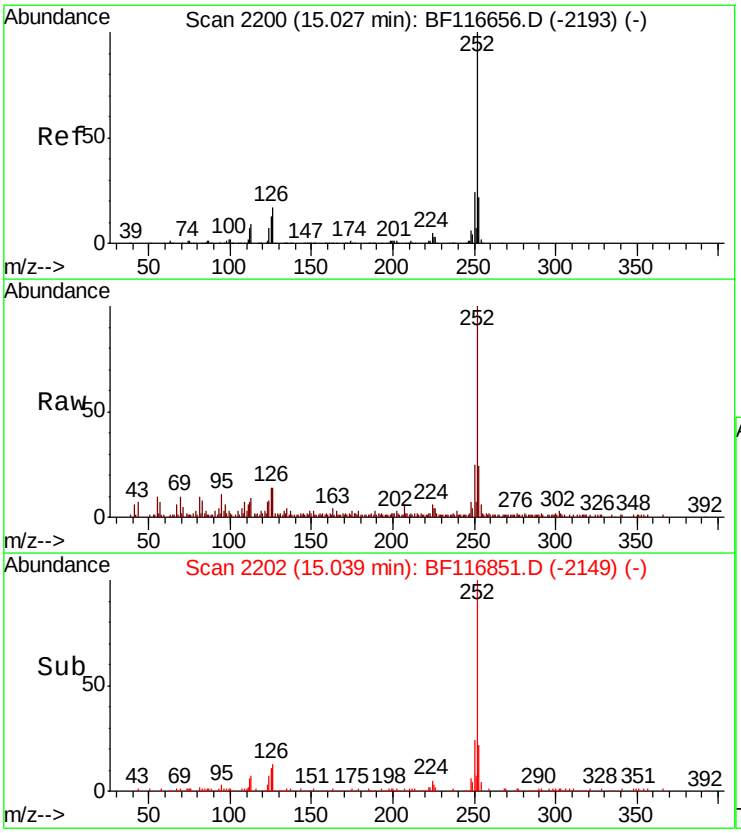
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 110766

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	22.7	16.5	24.7

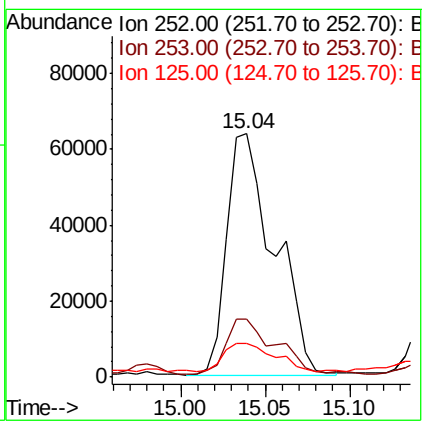


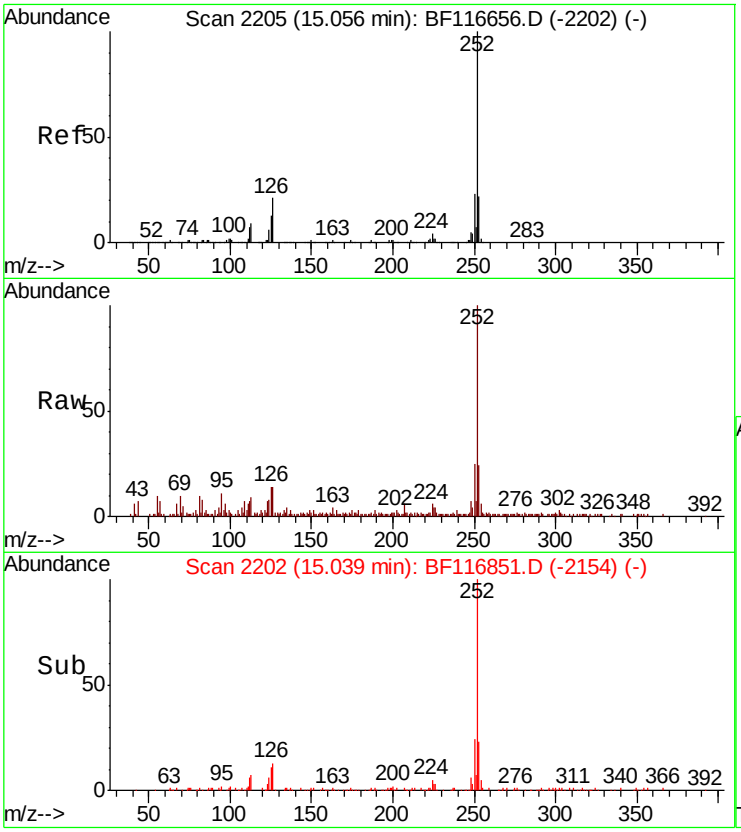


#88
Benzo(b)fluoranthene
Concen: 18.513 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:252 Resp: 123975

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	13.9	8.2	12.2#



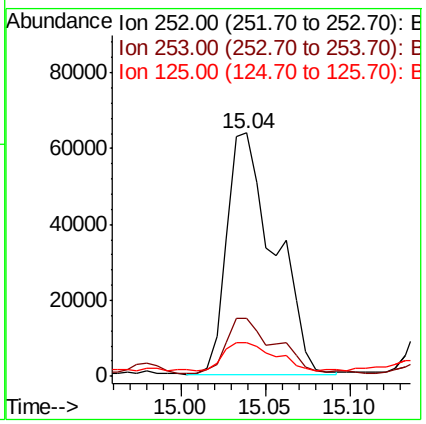


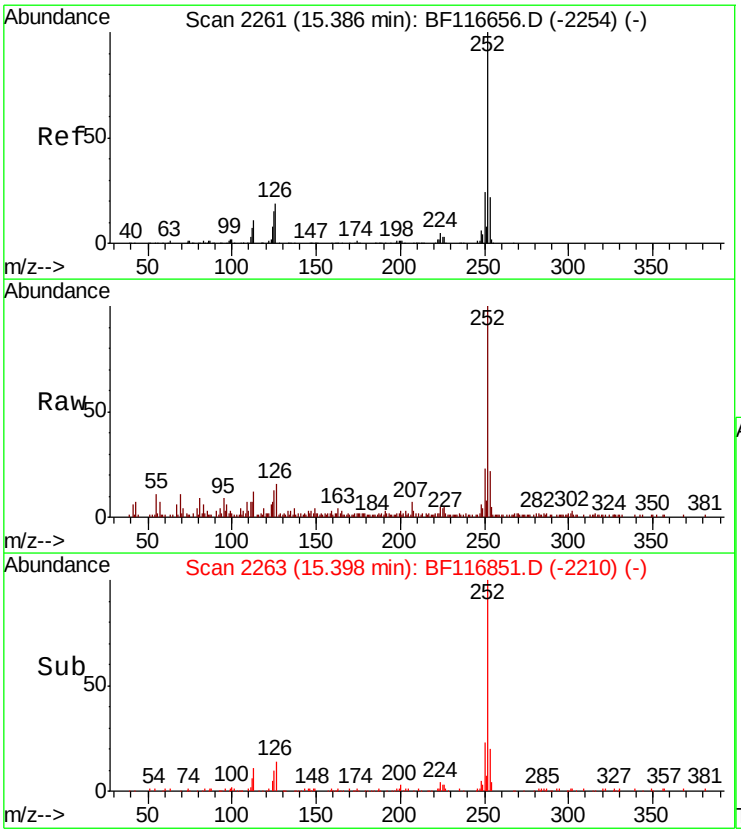
#89
Benzo(k)fluoranthene
Concen: 20.304 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 123975

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	13.9	8.6	13.0#

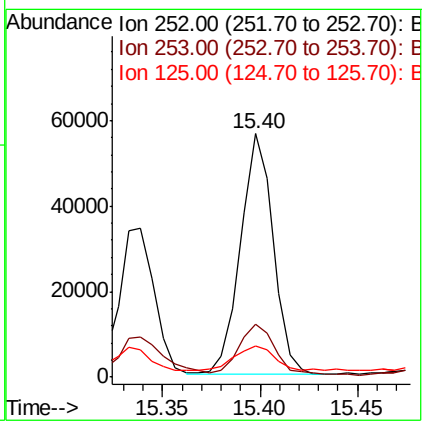


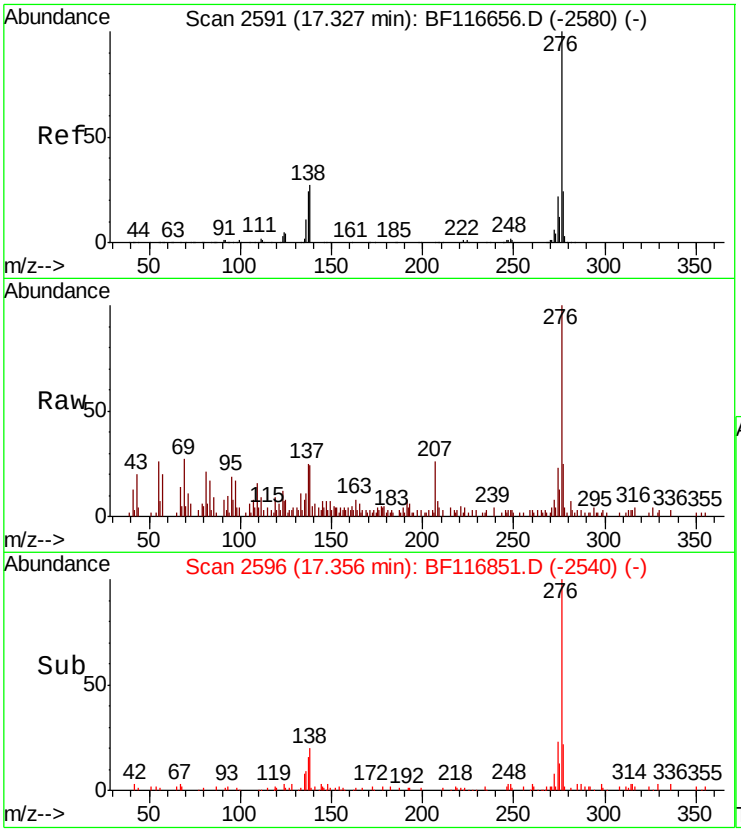


#90
Benzo(a)pyrene
Concen: 11.259 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Tgt Ion:252 Resp: 65595

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	12.9	9.8	14.8





#92
Benzo(g,h,i)perylene
Concen: 6.935 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.03 min
Lab File: BF116851.D
Acq: 5 Sep 2019 21:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 36068

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.5	27.7
138	23.9	16.2	24.2