Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113564.D
Acq On : 4 Apr 2019 1:18
Operator : JU/SJ
Sample : K2203-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 04:29:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	151280	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	530755	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	225911	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	404630	20.00	ng		0.00
76) Chrysene-d12	13.84	240	344791	20.00	ng		0.00
87) Perylene-d12	15.25	264	268932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	819525	92.38	ng		0.00
7) Phenol-d6	6.33	99	1066643	97.55	ng		0.00
23) Nitrobenzene-d5	7.25	82	617794	68.18	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	223697	82.43	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1088484	77.57	ng		0.00
79) Terphenyl-d14	12.79	244	1042409	61.55	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.35	94	31821	2.548	ng		78
19) n-Nitroso-di-n-propylamine	7.25	70	79035	11.722	ng	#	75
25) Isophorone	7.25	82	608498	34.861	ng	#	64
50) Dimethylphthalate	9.44	163	97253	5.840	ng		100
57) 2,4-Dinitrotoluene	9.72	165	29684	6.686	ng	#	24
67) 4-Bromophenyl-phenylether	10.51	248	12955	2.855	ng	#	1
71) Phenanthrene	11.23	178	248488	12.359	ng		98
72) Anthracene	11.28	178	83260	4.070	ng		99
75) Fluoranthene	12.42	202	730574	33.909	ng		99
78) Pyrene	12.64	202	713345	27.191	ng		99
81) Benzo(a)anthracene	13.83	228	401572	20.190	ng		97
83) Chrysene	13.87	228	360842	17.897	ng		98
86) Indeno(1,2,3-cd)pyrene	16.62	276	158005	8.488	ng		93
88) Benzo(b)fluoranthene	14.86	252	523337	31.791	ng	#	98
89) Benzo(k)fluoranthene	14.86	252	523337	35.422	ng	#	97
90) Benzo(a)pyrene	15.20	252	272155	18.605	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	42533	3.109	ng	#	81
92) Benzo(g,h,i)perylene	17.03	276	146123	10.465	ng		99

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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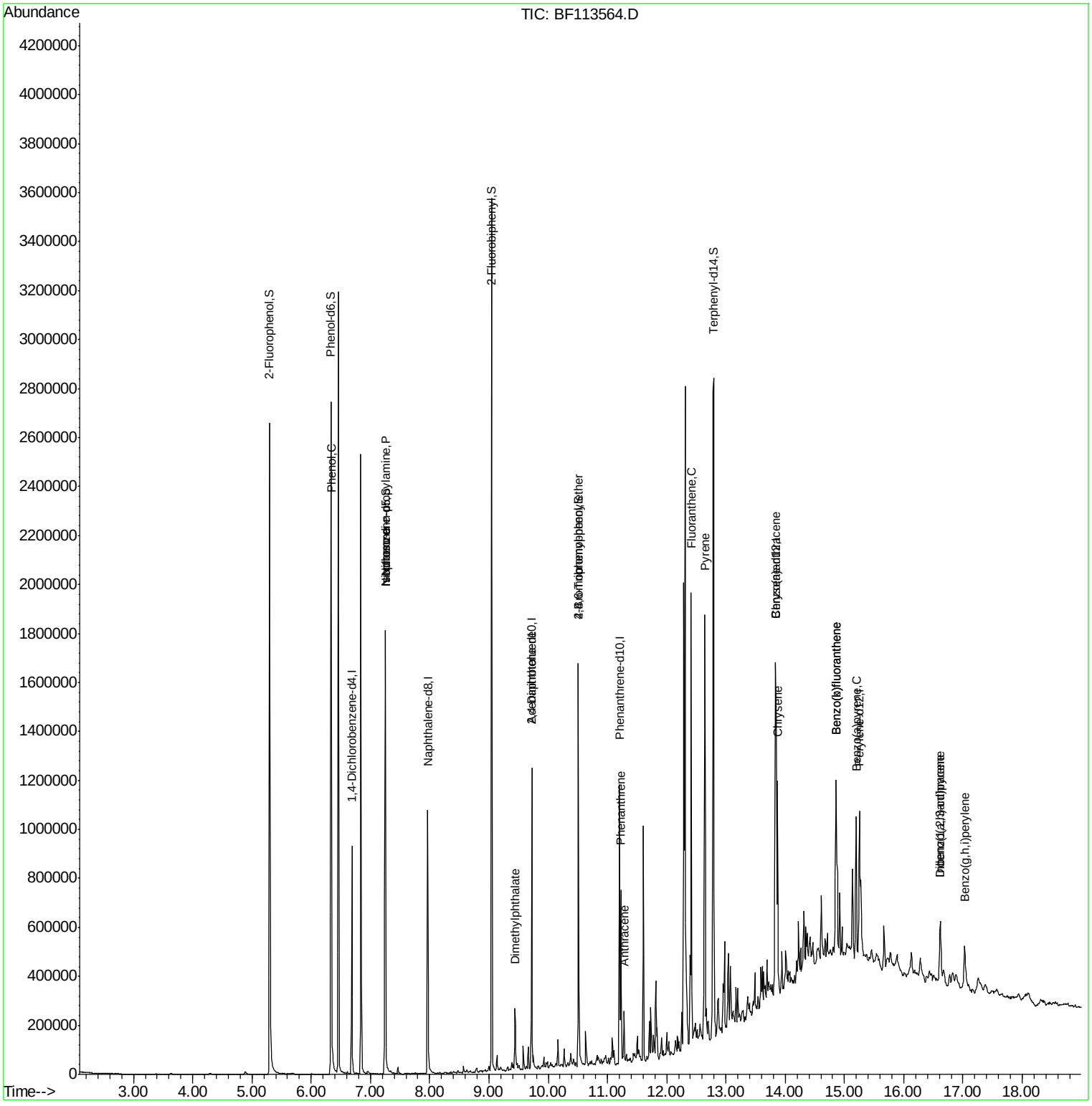
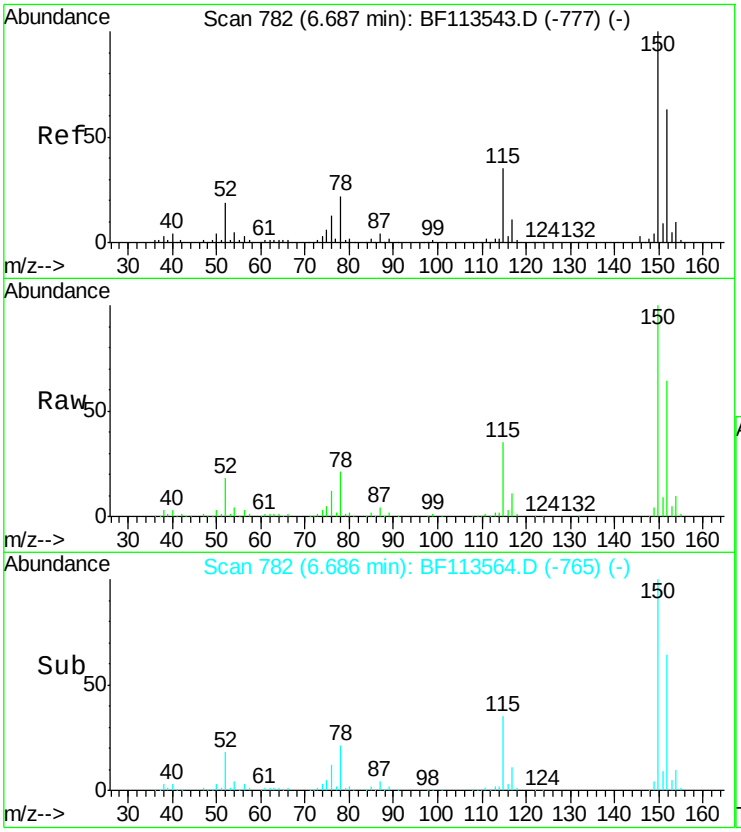
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration



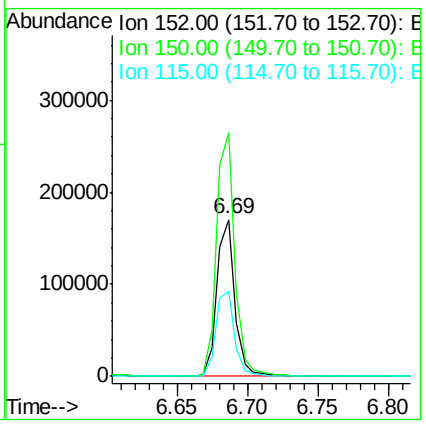


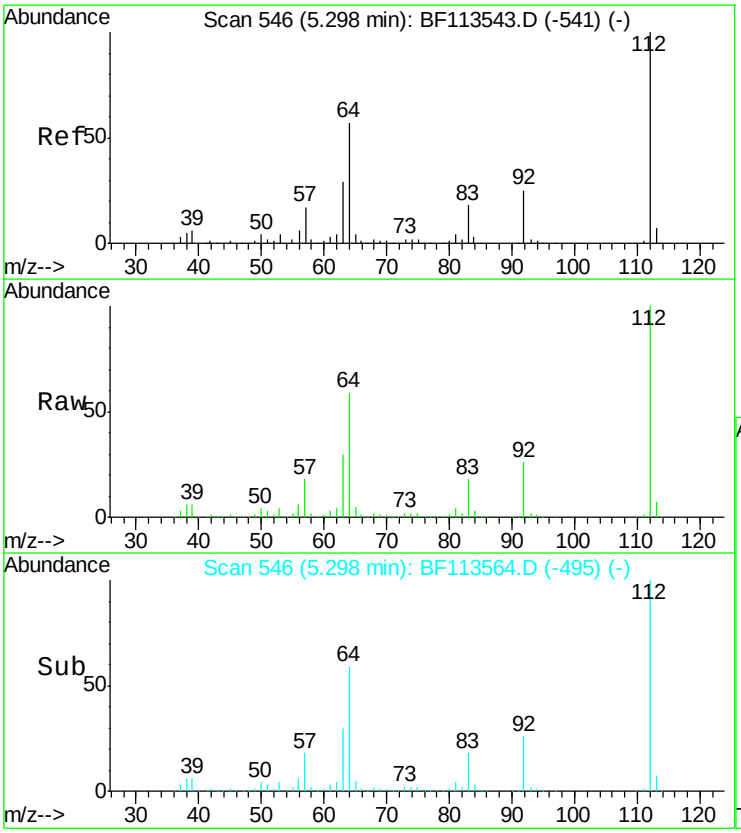
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151280

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	53.8	46.0	69.0

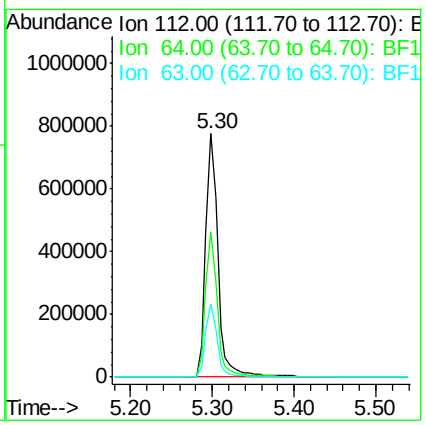


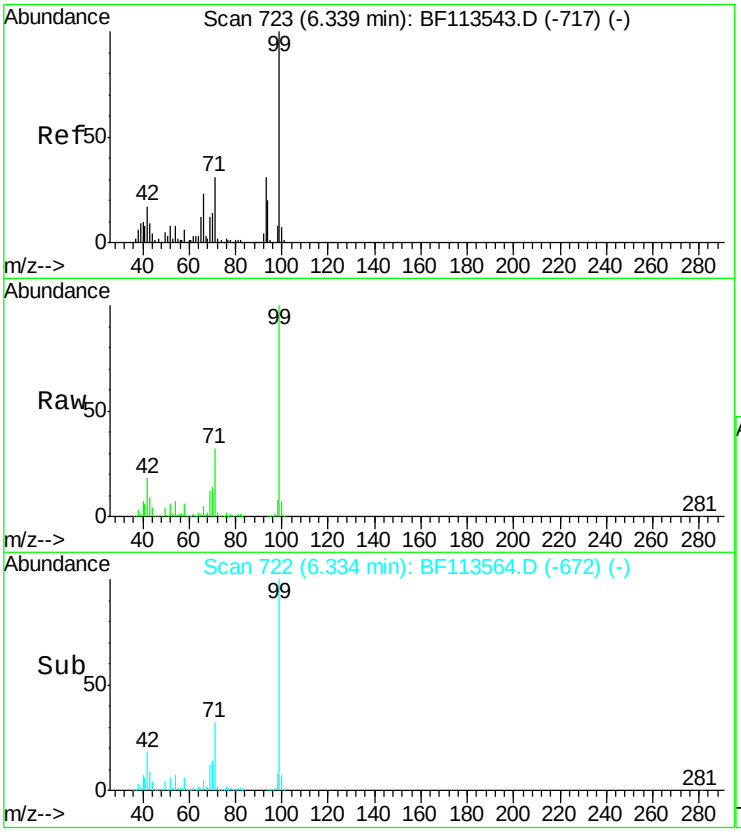


#5
2-Fluorophenol
Concen: 92.377 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:112 Resp: 819525

Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.2	73.8
63	30.0	24.9	37.3



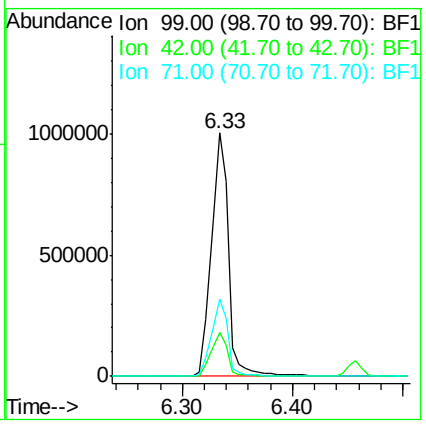


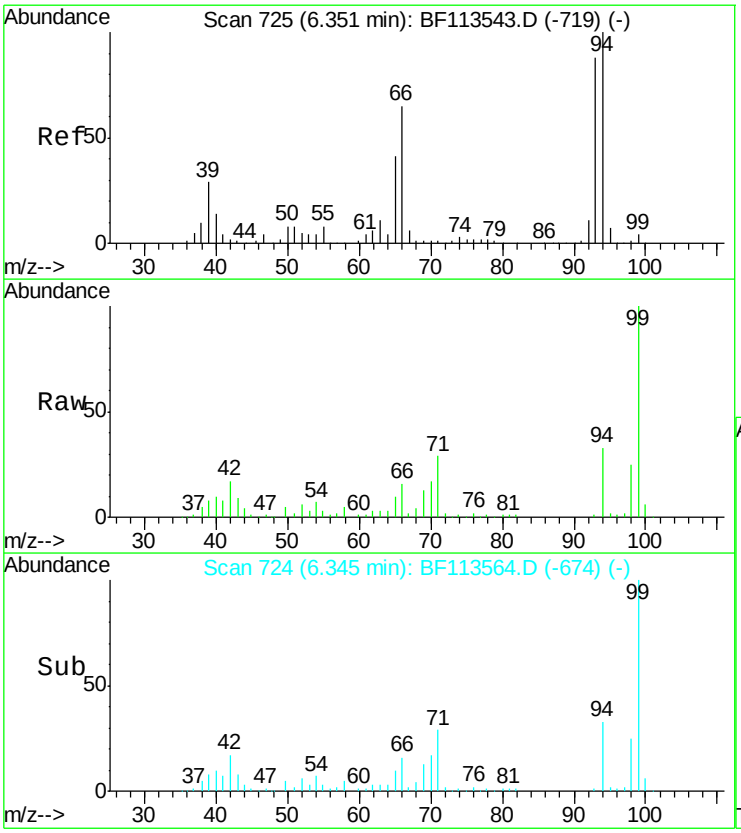
#7
Phenol-d6
Concen: 97.551 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1066643

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	31.5	24.9	37.3

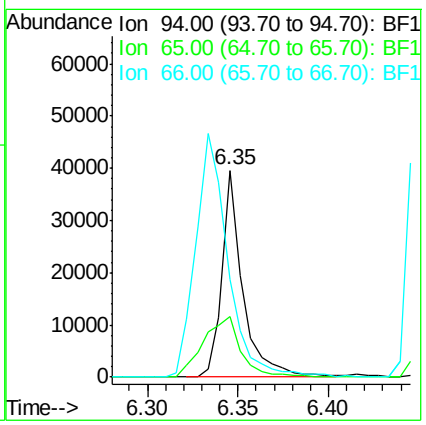


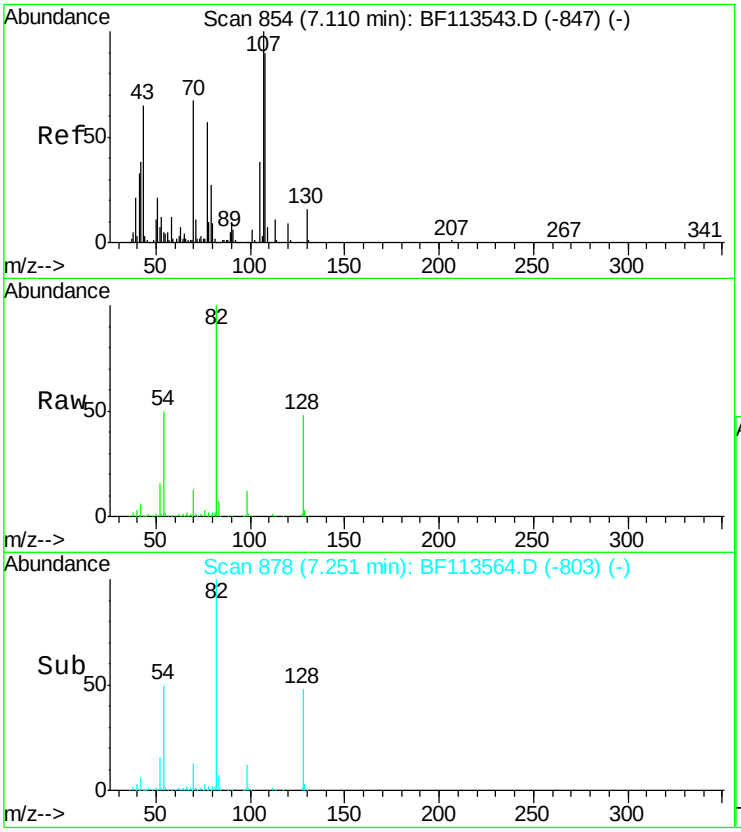


#10
Phenol
Concen: 2.548 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion: 94 Resp: 31821

Ion	Ratio	Lower	Upper
94	100		
65	29.1	21.4	61.4
66	47.4	46.4	86.4



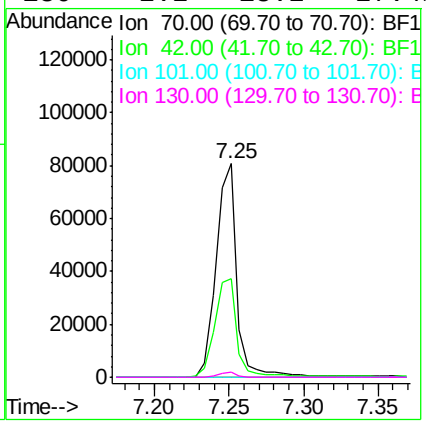


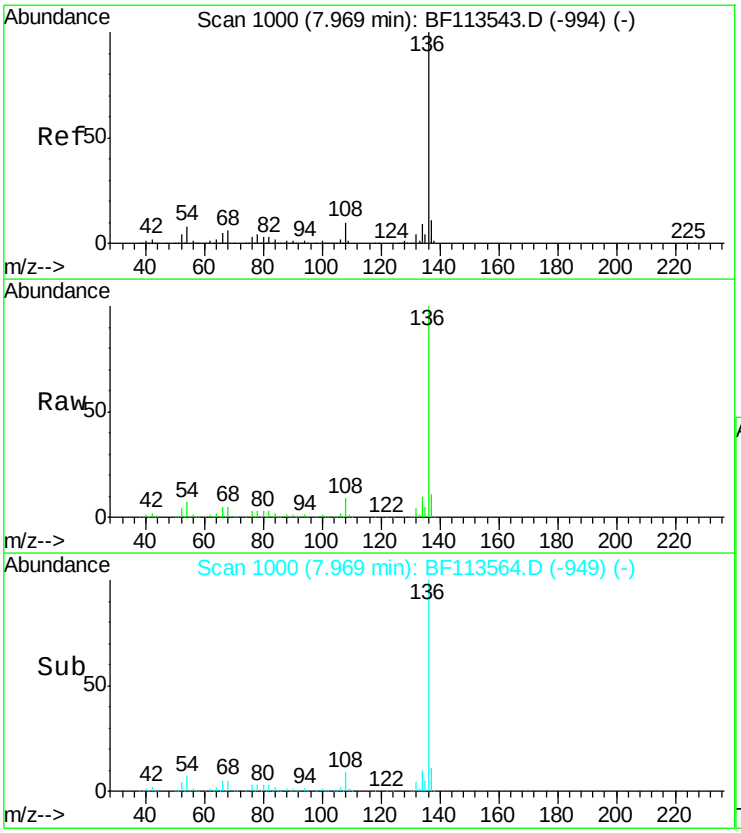
#19
n-Nitroso-di-n-propylamine
Concen: 11.722 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.14 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 79035

Ion	Ratio	Lower	Upper
70	100		
42	46.4	48.4	72.6#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#

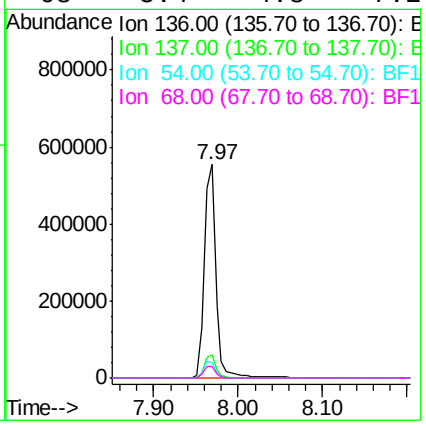


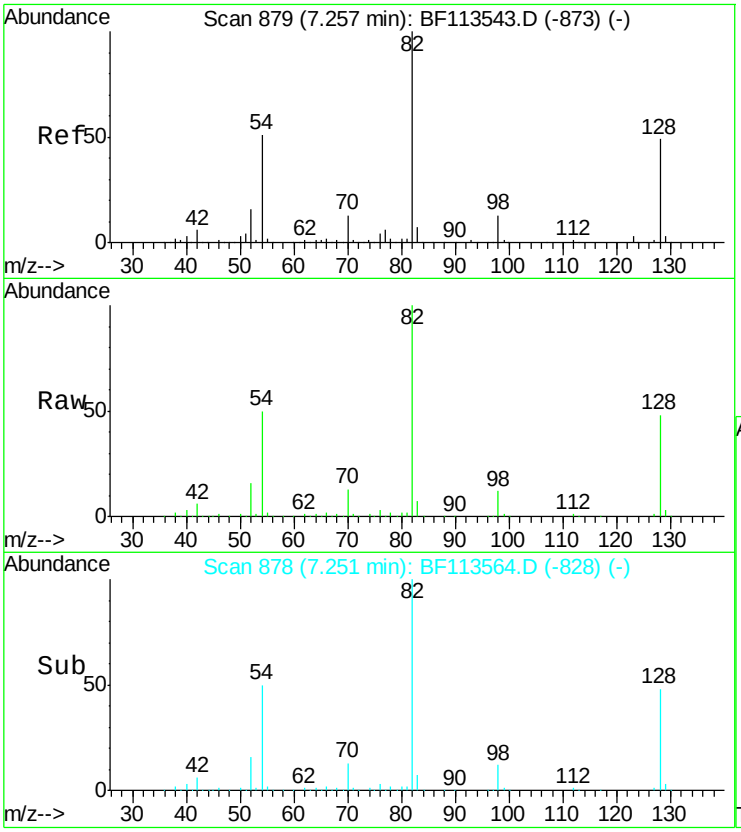


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:136 Resp: 530755

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	7.0	10.6
68	5.4	4.8	7.2



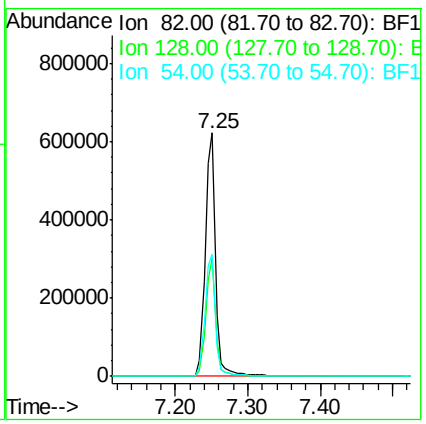


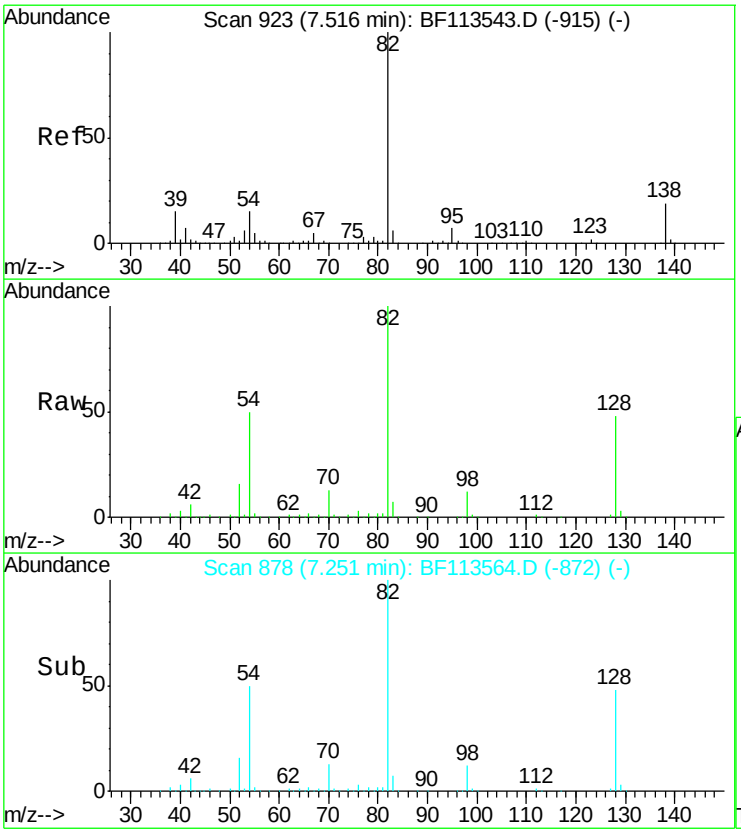
#23
Nitrobenzene-d5
Concen: 68.181 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 617794

Ion	Ratio	Lower	Upper
82	100		
128	48.4	36.5	54.7
54	50.2	42.2	63.2

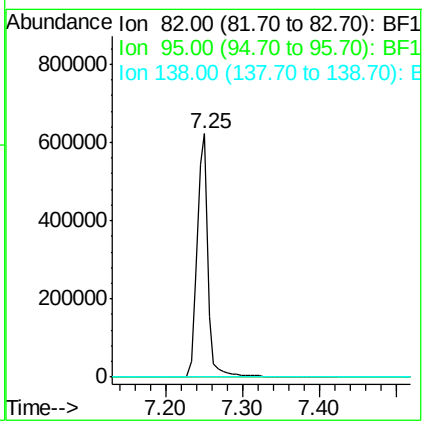


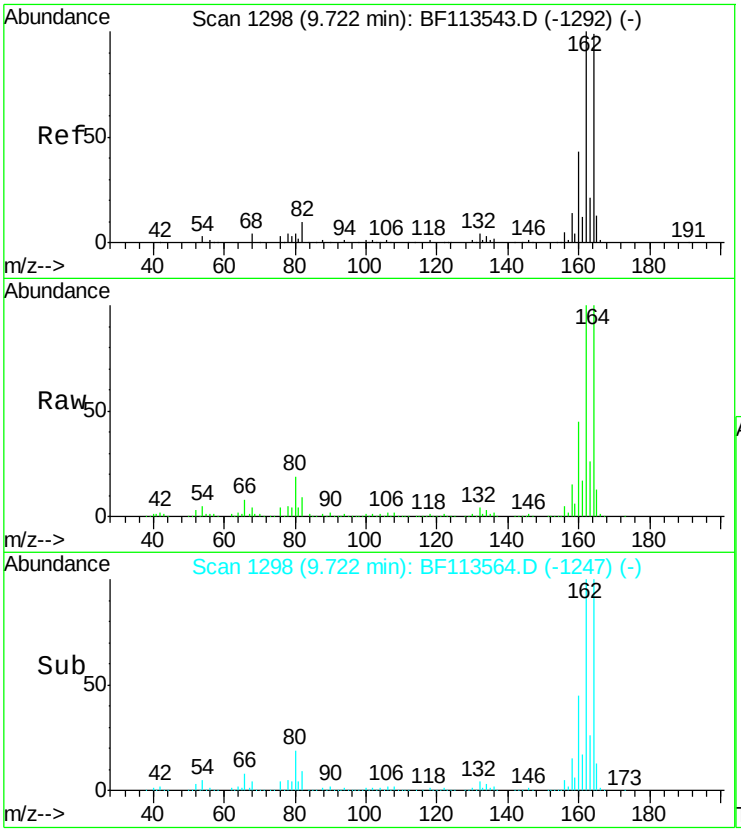


#25
Isophorone
Concen: 34.861 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion: 82 Resp: 608498

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#



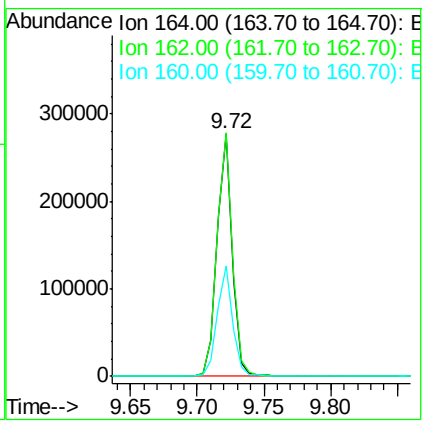


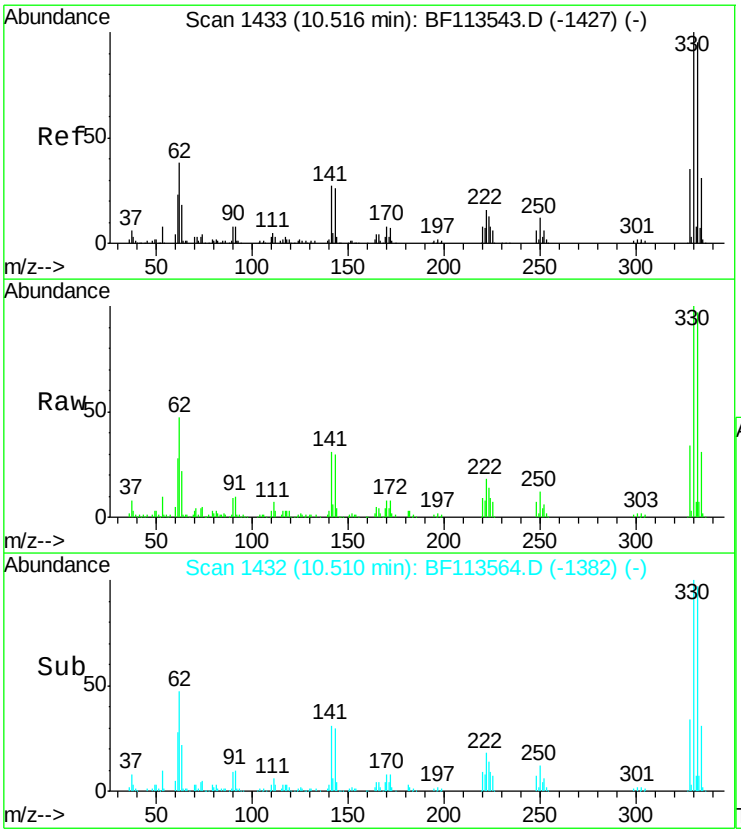
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 225911

Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.8	122.6
160	45.4	36.4	54.6

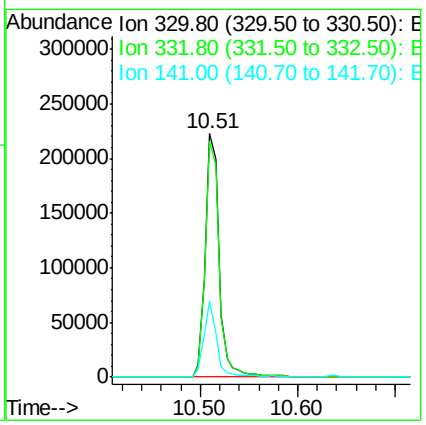


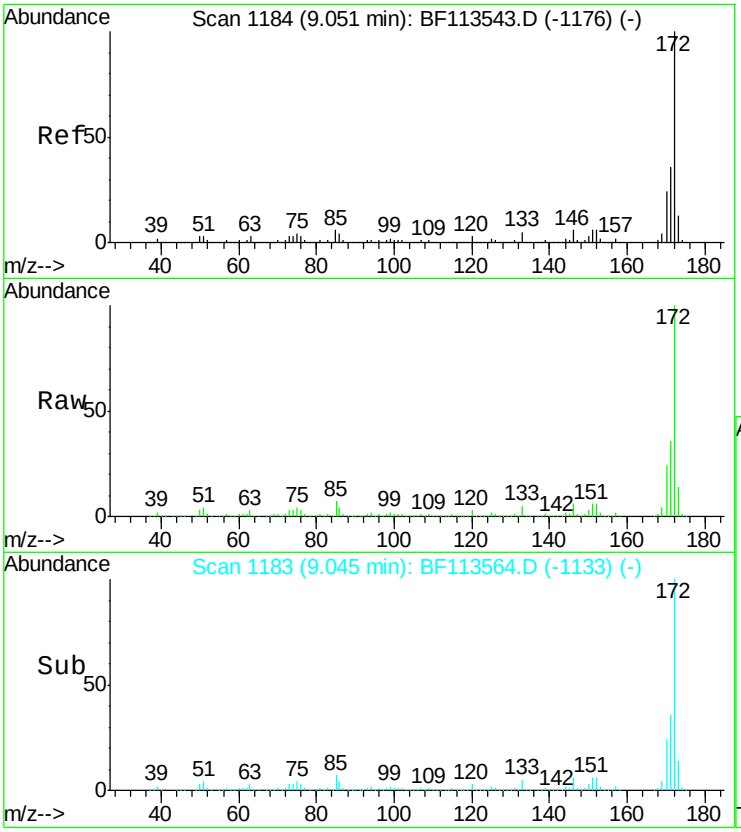


#42
2,4,6-Tribromophenol
Concen: 82.431 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:330 Resp: 223697

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.8	116.6
141	29.0	22.7	34.1



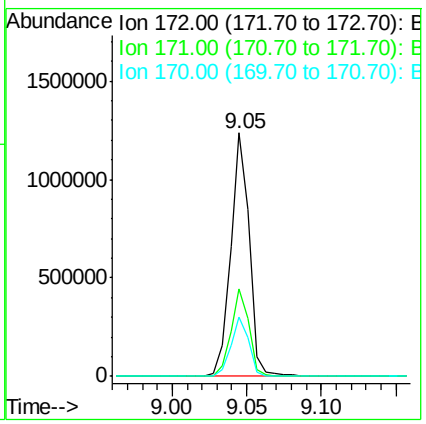


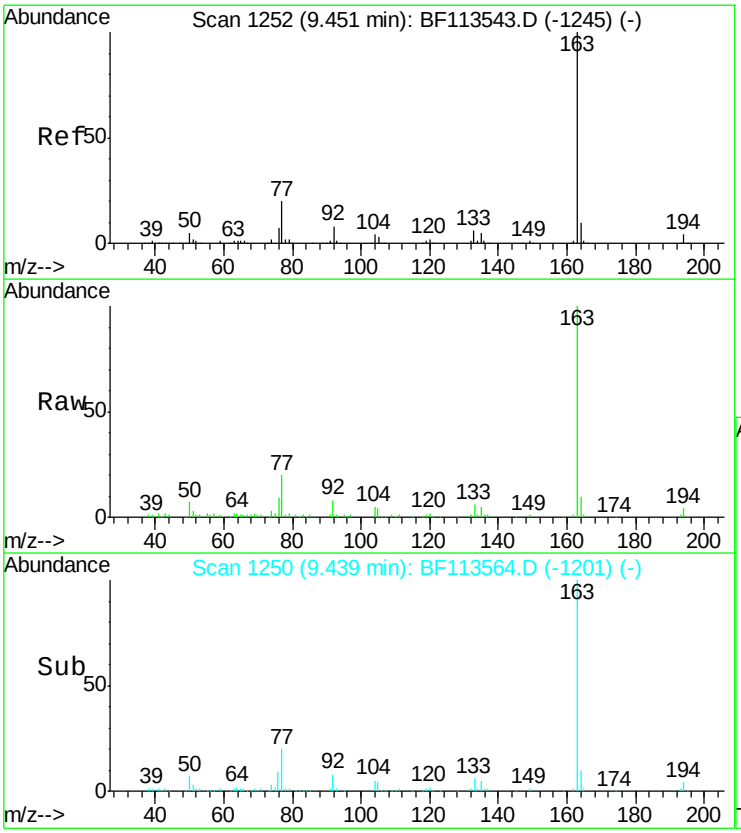
#45
2-Fluorobiphenyl
Concen: 77.568 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1088484

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.2	19.5	29.3

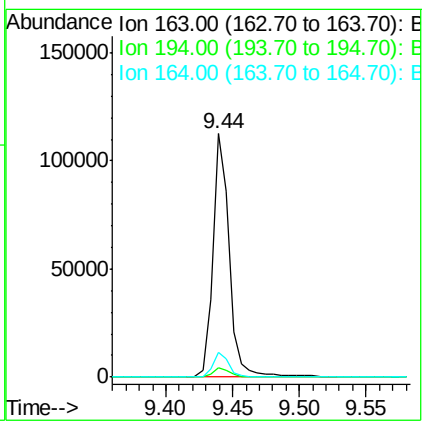


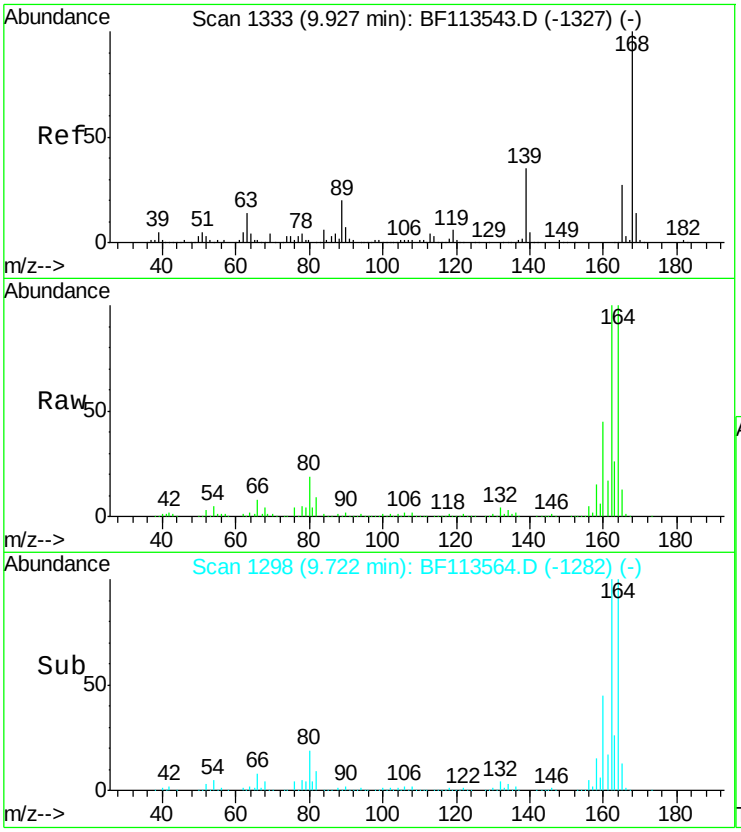


#50
Dimethylphthalate
Concen: 5.840 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:163 Resp: 97253

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	8.1	12.1



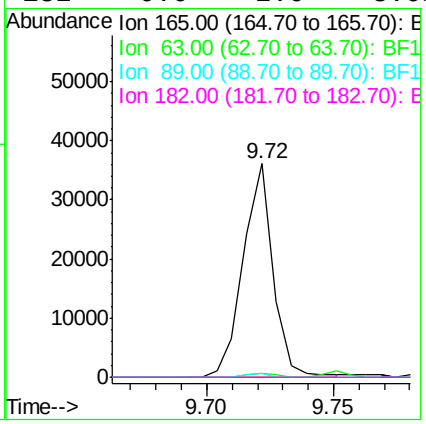


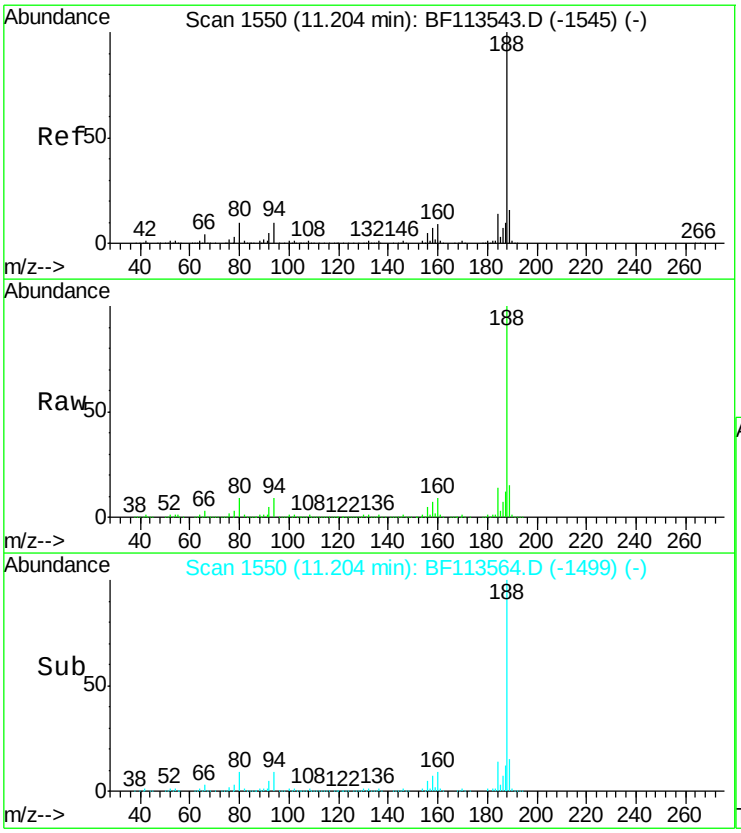
#57
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29684

Ion	Ratio	Lower	Upper
165	100		
63	1.8	37.5	56.3#
89	1.6	57.4	86.2#
182	0.0	2.0	3.0#

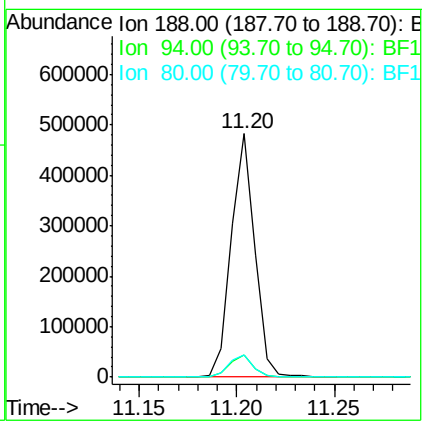


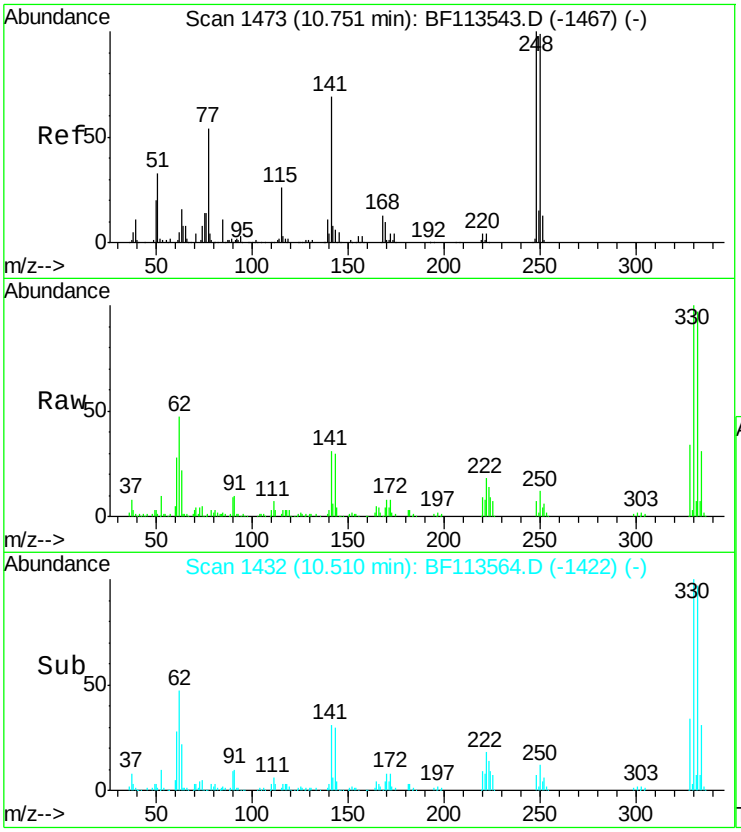


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:188 Resp: 404630

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.4	7.7	11.5



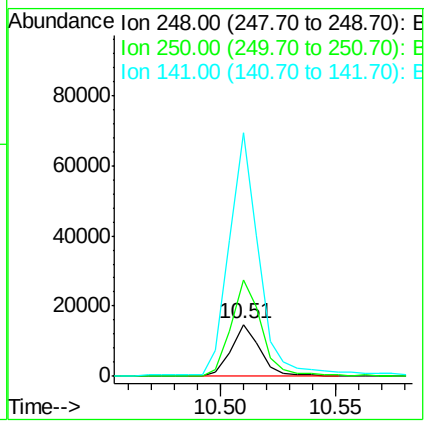


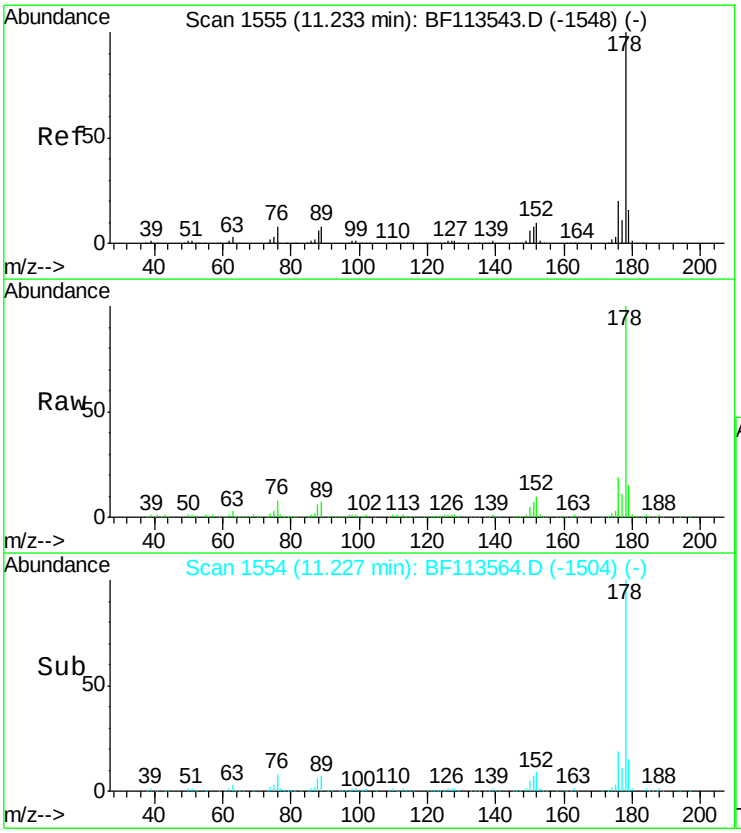
#67
4-Bromophenyl-phenylether
Concen: 2.855 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12955

Ion	Ratio	Lower	Upper
248	100		
250	186.6	78.3	117.5#
141	471.5	56.2	84.4#

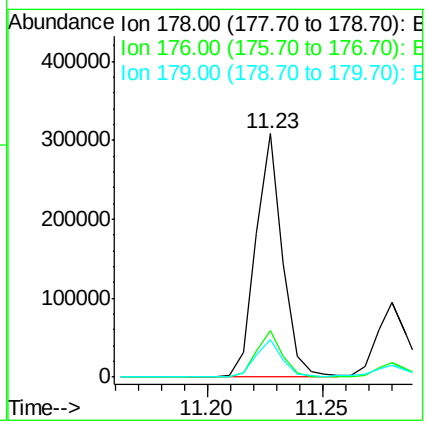


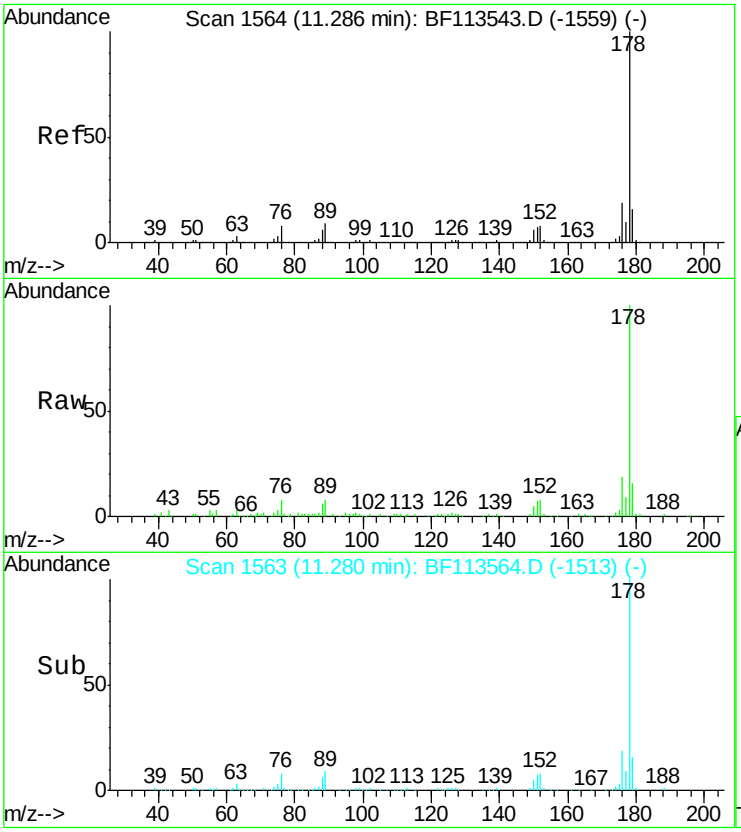


#71
Phenanthrene
Concen: 12.359 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:178 Resp: 248488

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.4	12.7	19.1



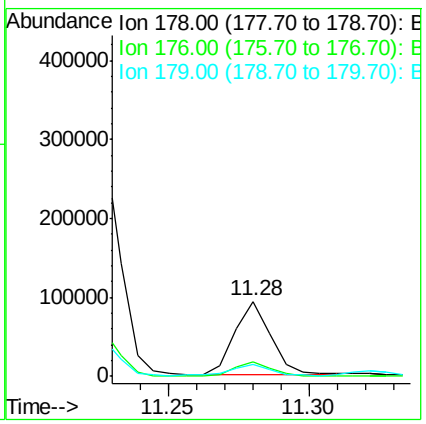


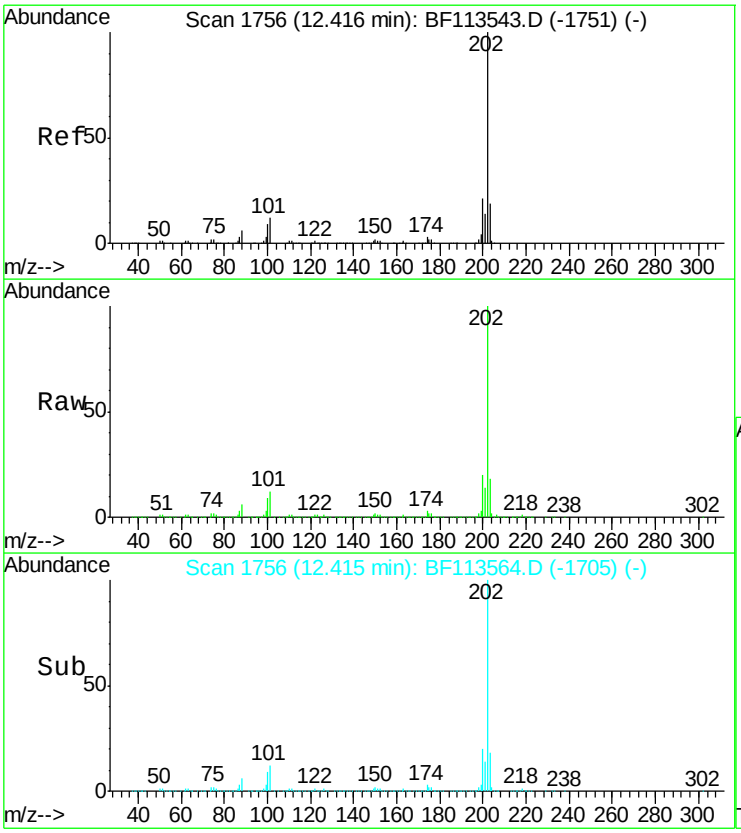
#72
Anthracene
Concen: 4.070 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 83260

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	16.4	12.8	19.2

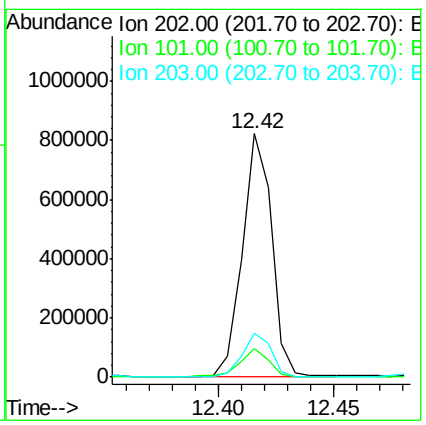


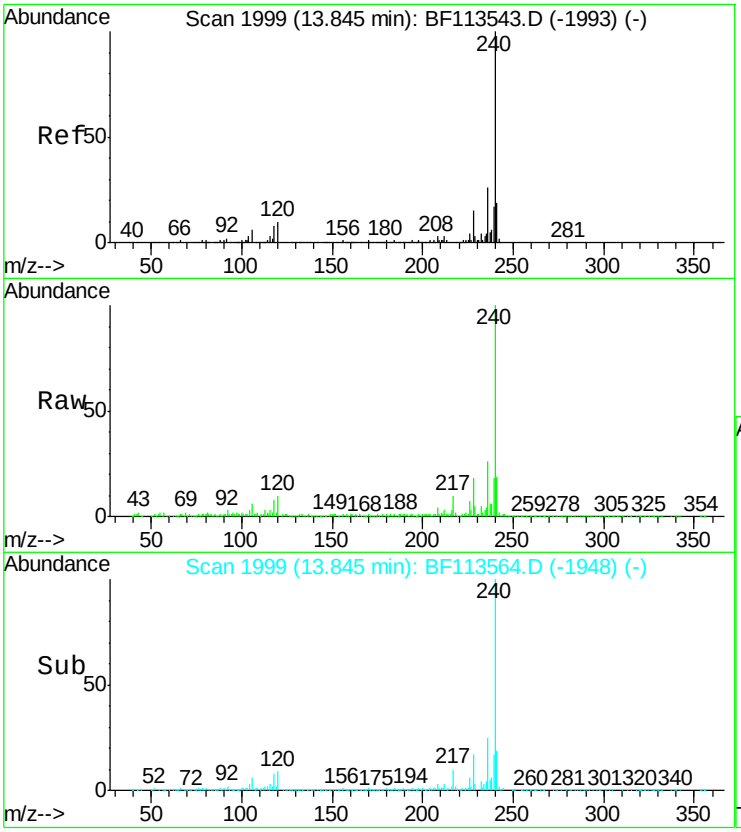


#75
Fluoranthene
Concen: 33.909 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:202 Resp: 730574

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.4
203	18.2	0.0	38.0



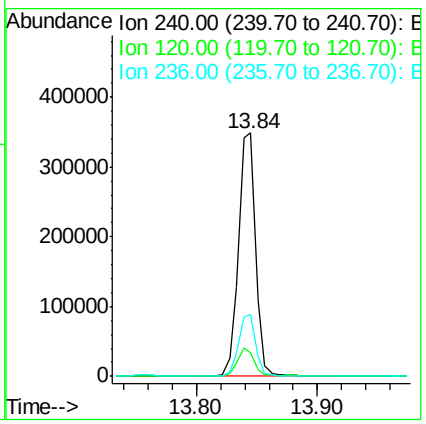


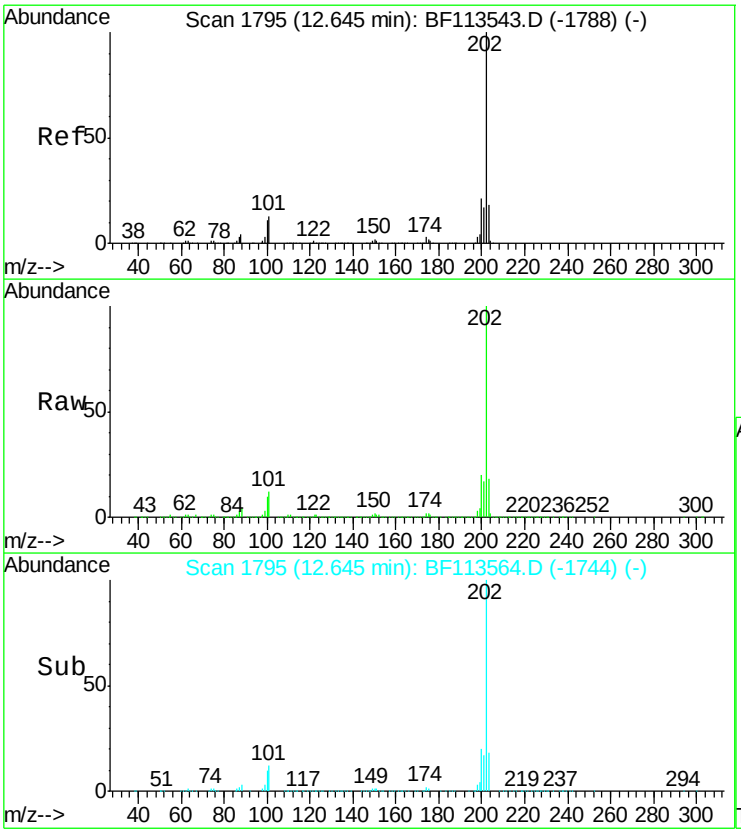
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 344791

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.8	13.2
236	25.6	20.9	31.3

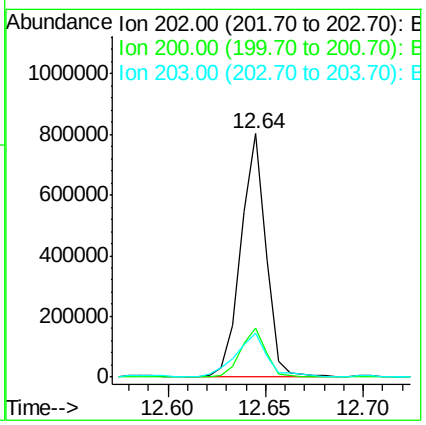


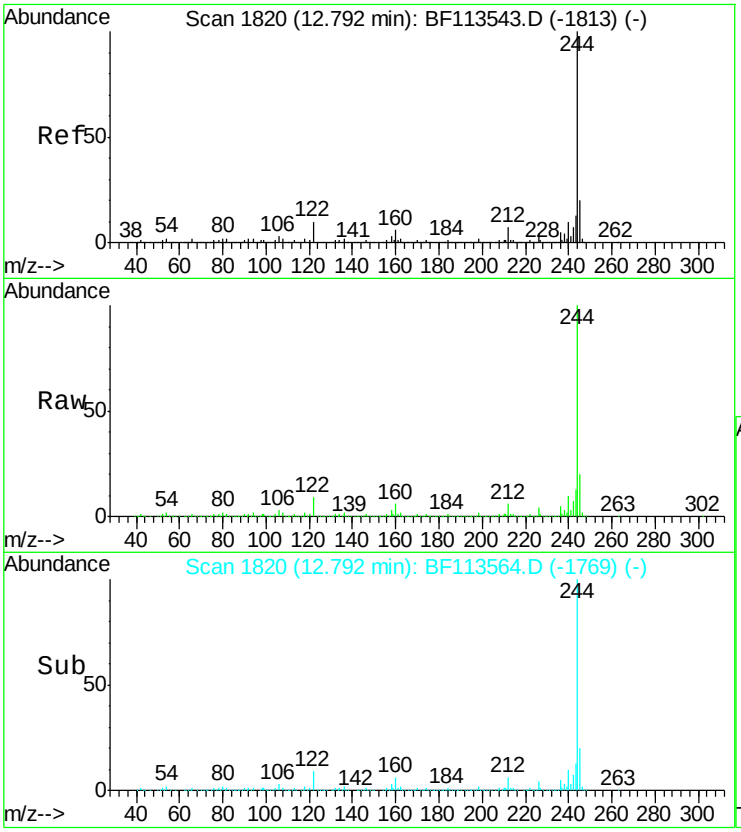


#78
Pyrene
Concen: 27.191 ng
RT: 12.64 min Scan# 1795
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:202 Resp: 713345

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.8	25.2
203	17.9	14.4	21.6



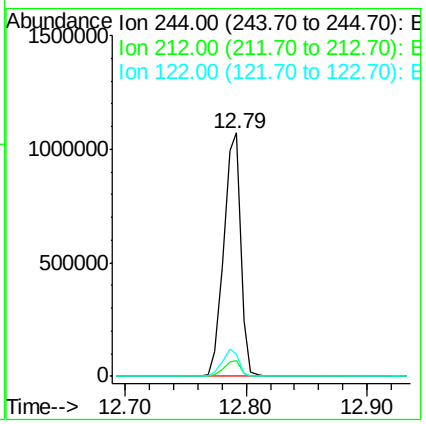


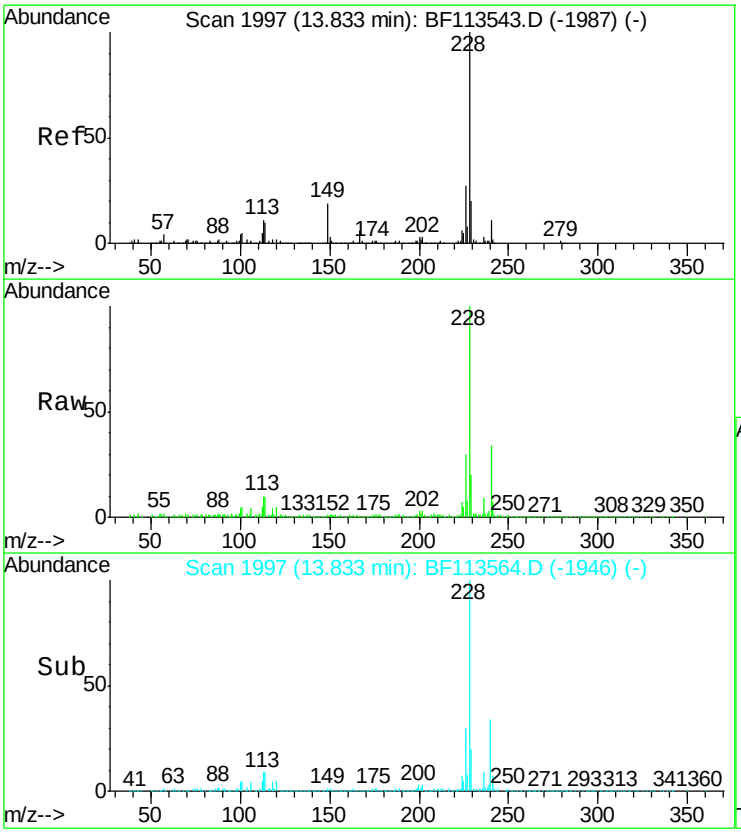
#79
Terphenyl-d14
Concen: 61.555 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1042409

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	9.4	8.6	13.0

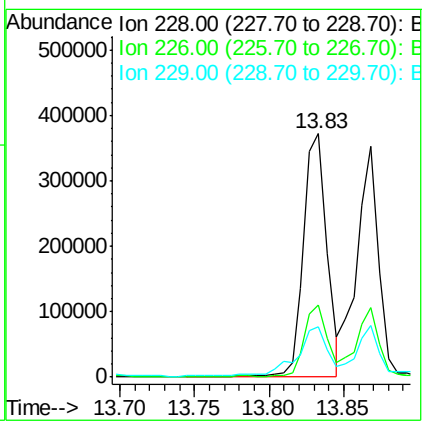


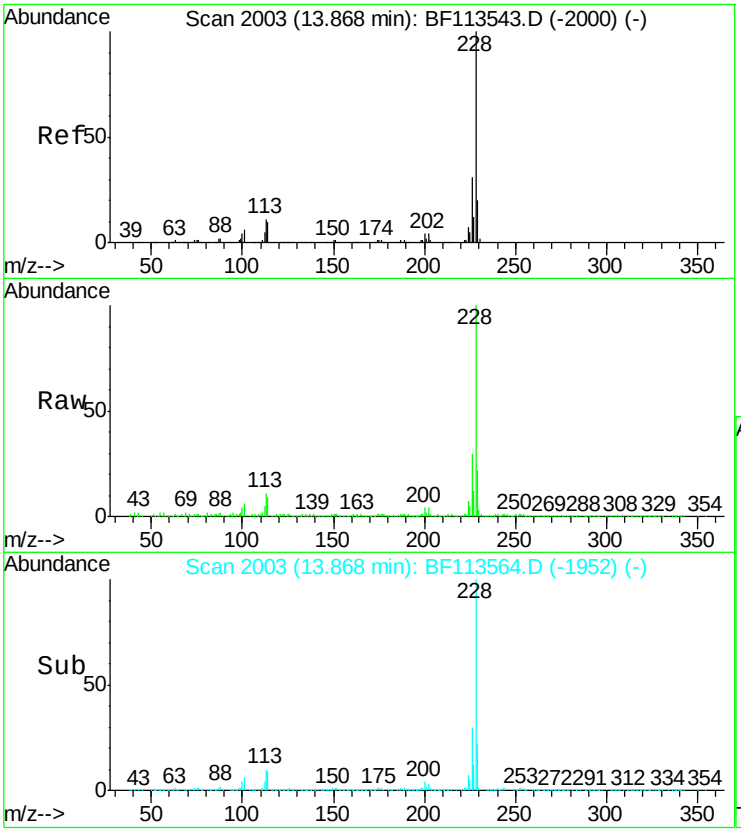


#81
Benzo(a)anthracene
Concen: 20.190 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:228 Resp: 401572

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.8
229	20.4	16.2	24.4



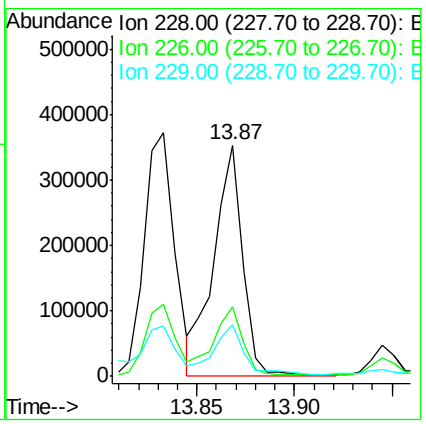


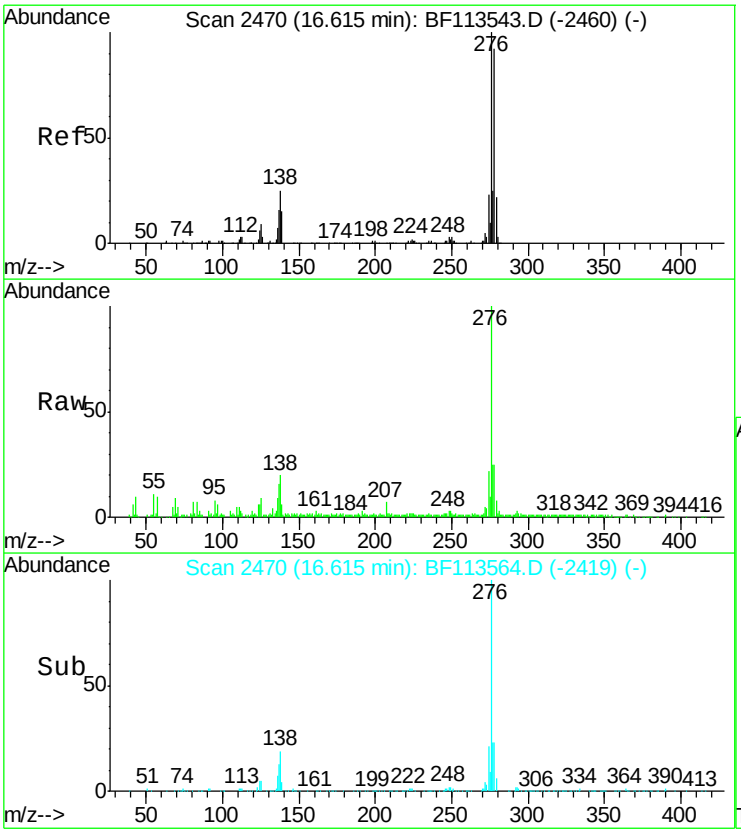
#83
Chrysene
Concen: 17.897 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 360842

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.3	36.5
229	22.4	16.3	24.5

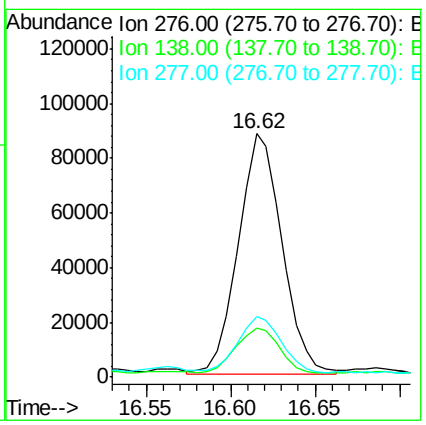


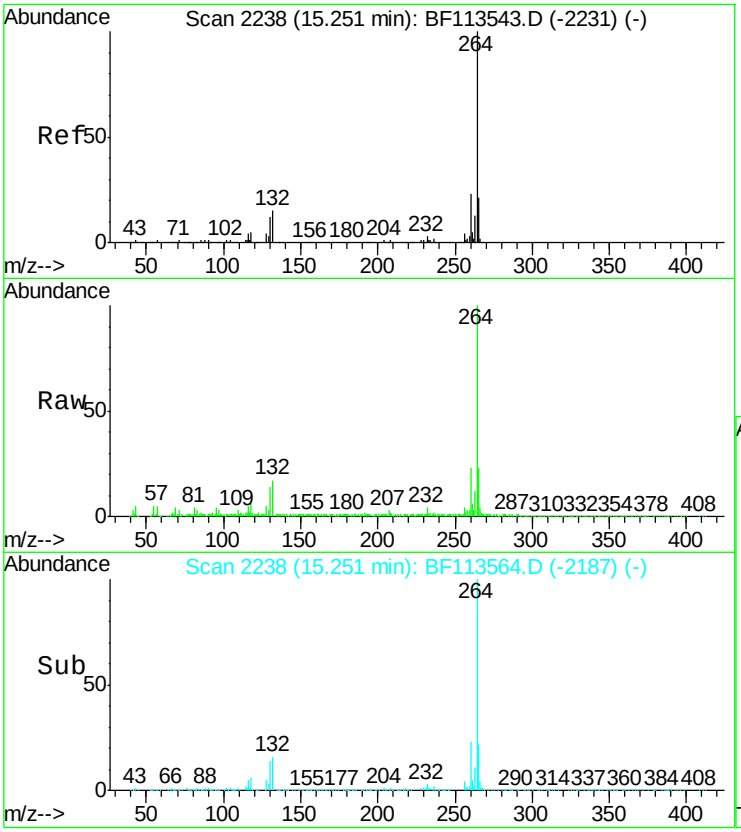


#86
Indeno(1,2,3-cd)pyrene
Concen: 8.488 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:276 Resp: 158005

Ion	Ratio	Lower	Upper
276	100		
138	18.7	18.1	27.1
277	22.3	20.2	30.4



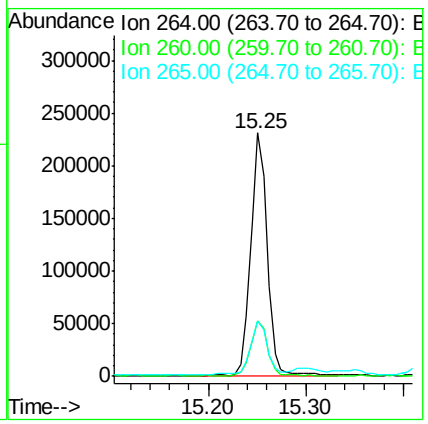


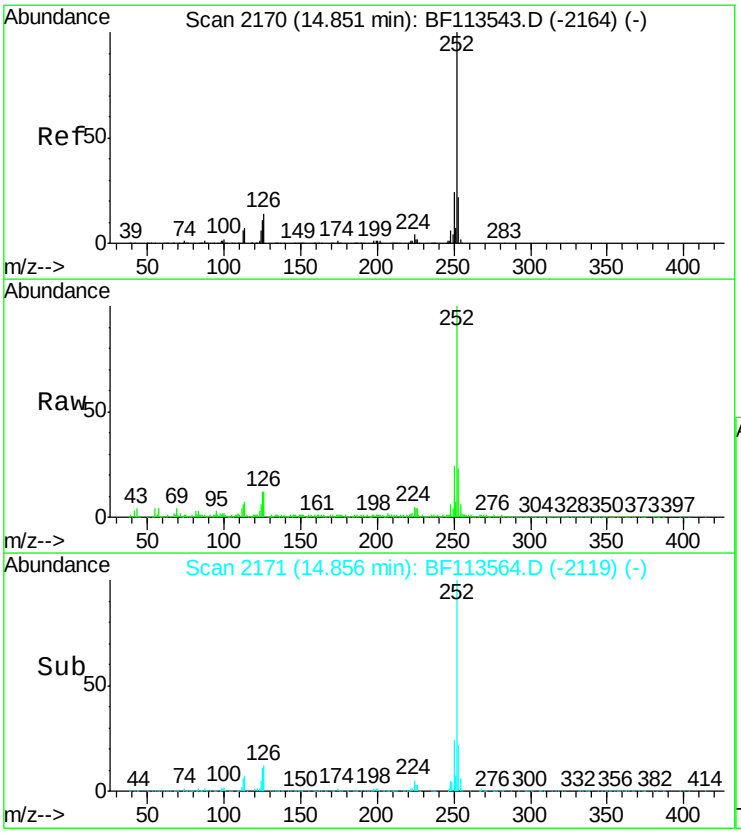
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 268932

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	22.7	17.1	25.7

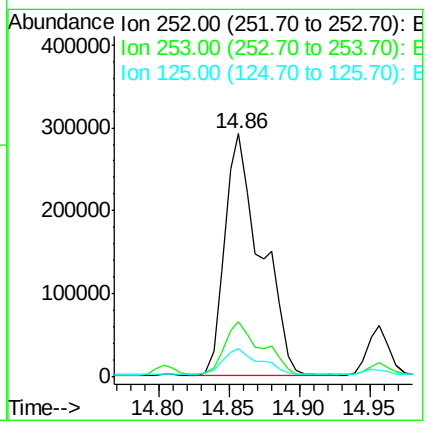


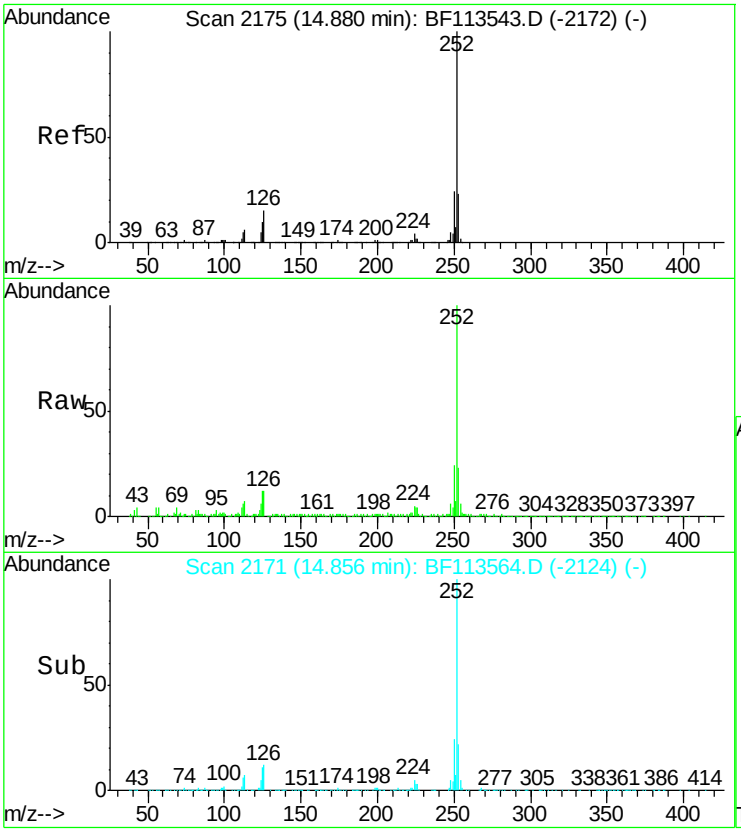


#88
Benzo(b)fluoranthene
Concen: 31.791 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:252 Resp: 523337

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	11.6	7.6	11.4#



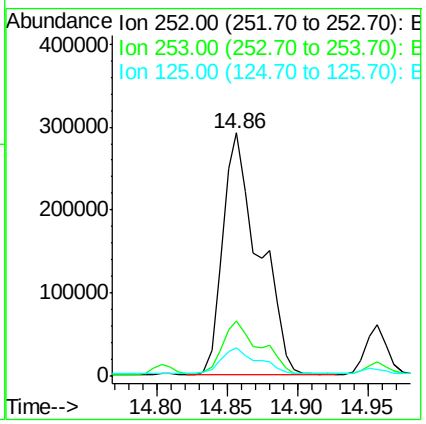


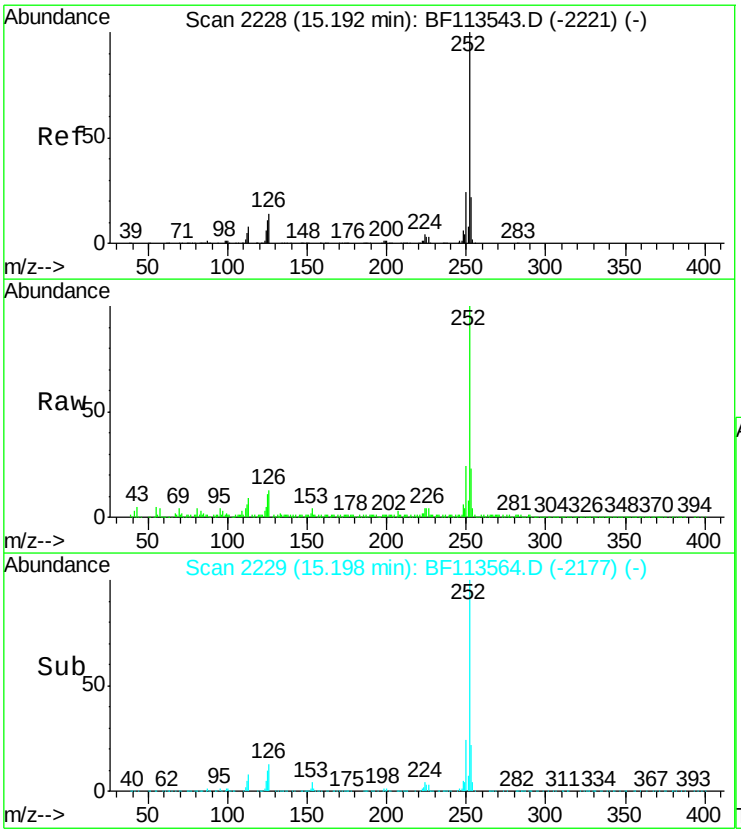
#89
Benzo(k)fluoranthene
Concen: 35.422 ng
RT: 14.86 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 523337

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	11.6	7.3	10.9#

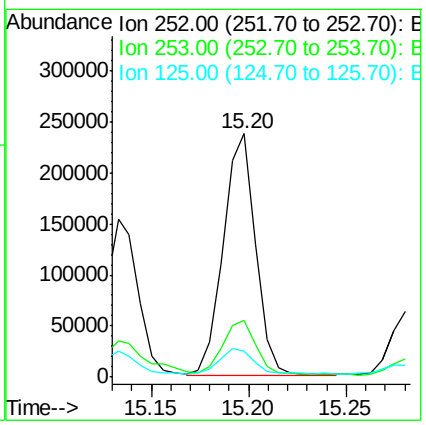


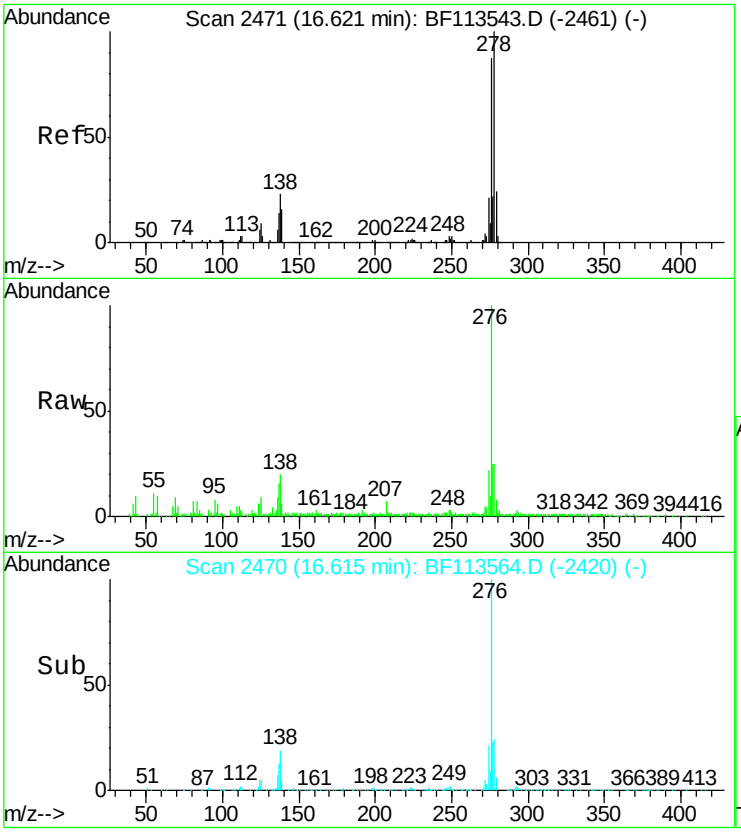


#90
Benzo(a)pyrene
Concen: 18.605 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:252 Resp: 272155

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	10.9	8.8	13.2



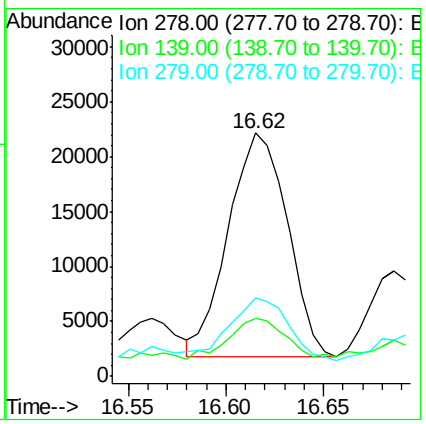


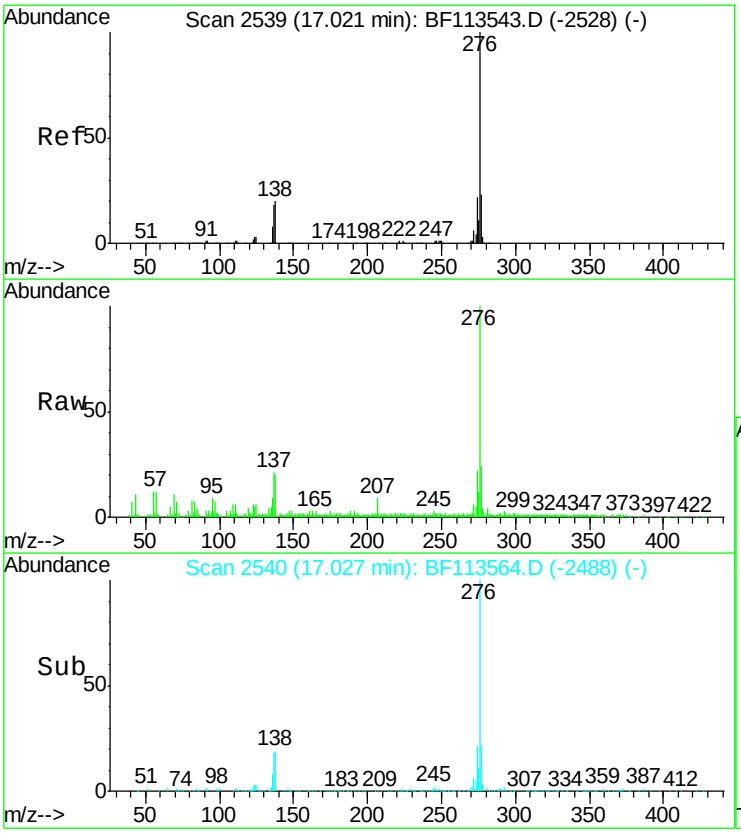
#91
Dibenzo(a,h)anthracene
Concen: 3.109 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 42533

Ion	Ratio	Lower	Upper
278	100		
139	23.9	12.0	18.0#
279	32.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 10.465 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF113564.D
Acq: 4 Apr 2019 1:18

Tgt Ion:276 Resp: 146123

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.3	15.6	23.4