Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040119\
Data File : BF113465.D
Acq On : 1 Apr 2019 14:35
Operator : JU/SJ
Sample : K2056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 01 18:03:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 01 14:33:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	128031	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	485557	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	236913	20.00	ng		-0.01
64) Phenanthrene-d10	11.22	188	492894	20.00	ng		0.00
76) Chrysene-d12	13.84	240	383486	20.00	ng		0.00
87) Perylene-d12	15.26	264	416958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	666813	85.16	ng		0.00
7) Phenol-d6	6.35	99	898071	90.66	ng		-0.01
23) Nitrobenzene-d5	7.27	82	532604	65.11	ng		-0.01
42) 2,4,6-Tribromophenol	10.52	330	241632	82.57	ng		-0.01
45) 2-Fluorobiphenyl	9.06	172	1068092	66.91	ng		0.00
79) Terphenyl-d14	12.80	244	1251833	71.95	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	68413	10.995	ng	#	76
20) 3+4-Methylphenols	7.19	107	106	Below Cal		#	15
25) Isophorone	7.27	82	529008	33.368	ng	#	65
49) Acenaphthylene	9.60	152	142837	5.799	ng		98
50) Dimethylphthalate	9.46	163	79451	4.525	ng		99
51) 2,6-Dinitrotoluene	9.73	165	30120	7.604	ng	#	31
57) 2,4-Dinitrotoluene	9.73	165	30120	5.980	ng	#	19
67) 4-Bromophenyl-phenylether	10.52	248	13492	2.511	ng	#	1
71) Phenanthrene	11.24	178	131078	5.355	ng		97
72) Anthracene	11.29	178	202379	8.140	ng		97
73) Carbazole	11.45	167	127131	5.359	ng		98
75) Fluoranthene	12.43	202	1143180	41.313	ng		100
78) Pyrene	12.65	202	1176989	44.291	ng		99
81) Benzo(a)anthracene	13.87	228	901525	41.069	ng		95
83) Chrysene	13.87	228	901525	40.433	ng		99
86) Indeno(1,2,3-cd)pyrene	16.62	276	514388	26.881	ng		95
88) Benzo(b)fluoranthene	14.86	252	1781406	68.777	ng		99
89) Benzo(k)fluoranthene	14.86	252	1781406	78.317	ng	#	98
90) Benzo(a)pyrene	15.20	252	522127	22.738	ng		97
91) Dibenzo(a,h)anthracene	16.83	278	98141	4.943	ng		98
92) Benzo(g,h,i)perylene	17.03	276	467983	23.377	ng		99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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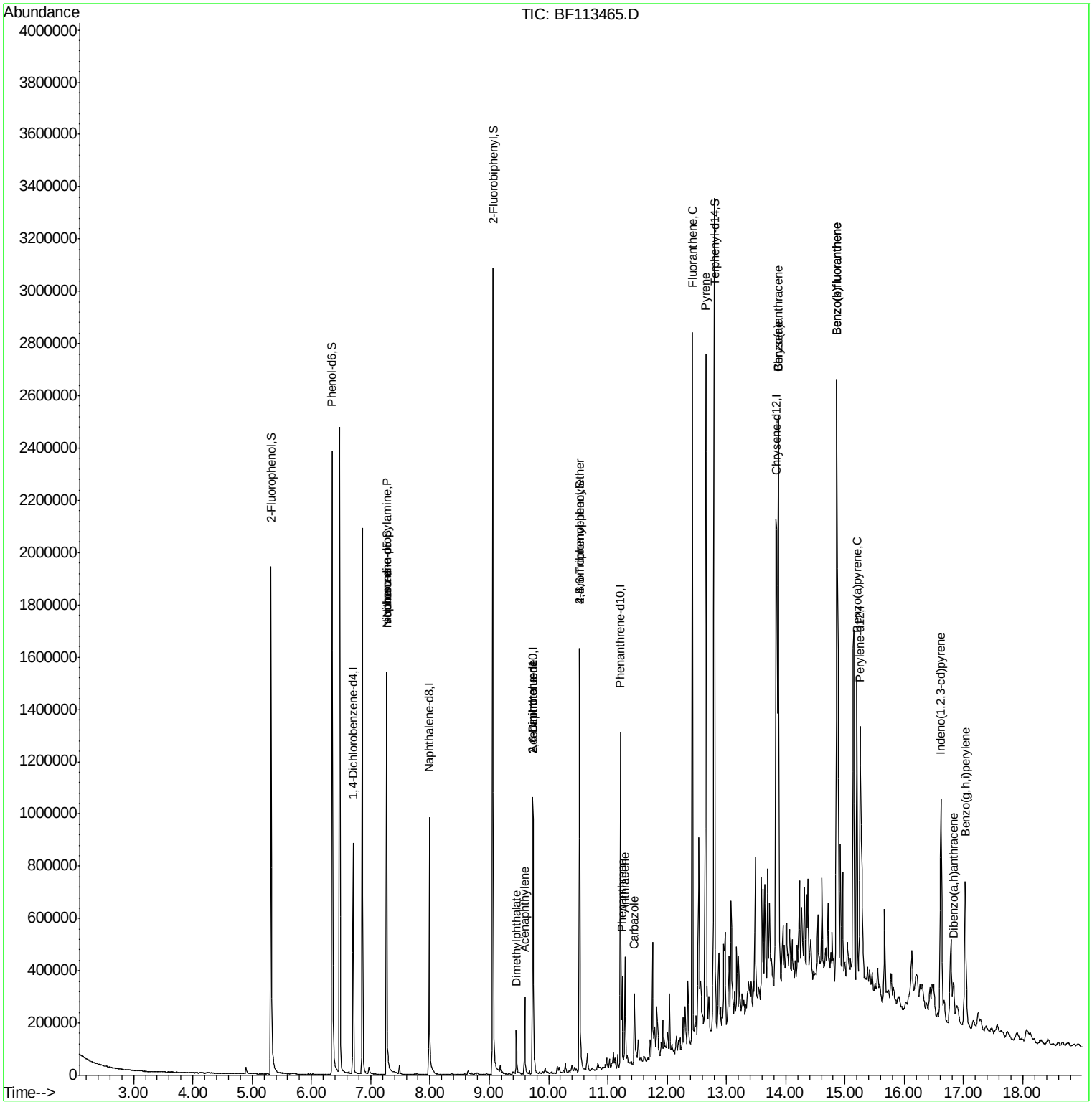
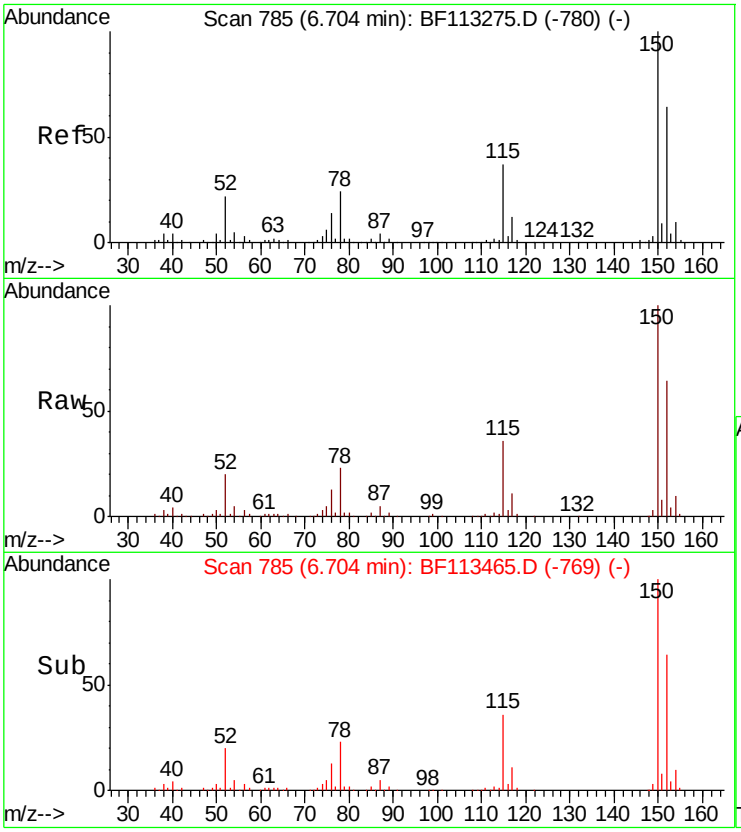


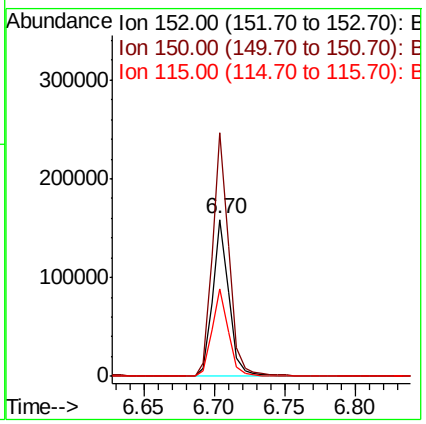


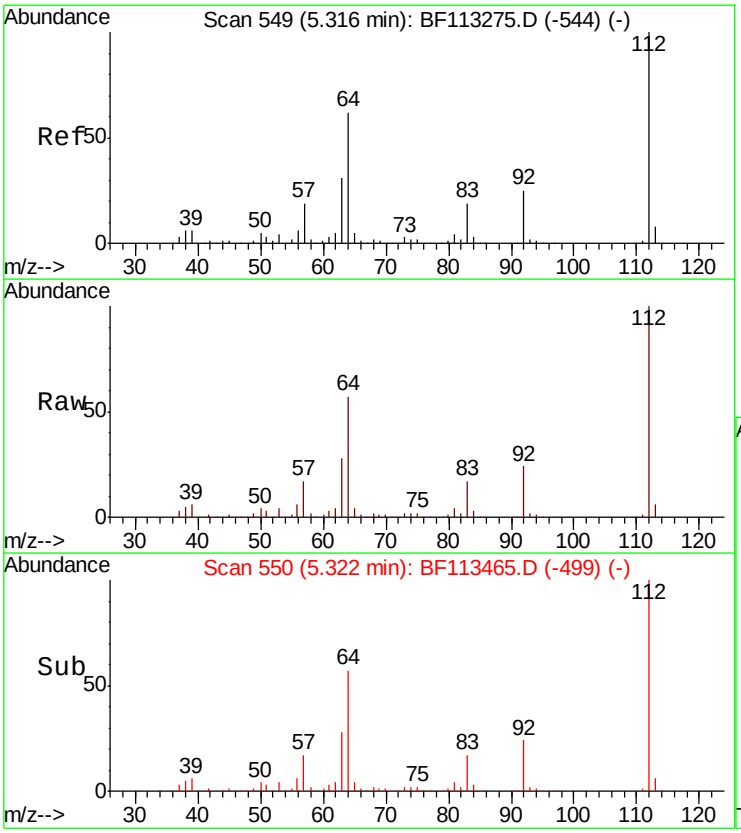
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128031

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.6	185.4
115	55.9	45.8	68.6

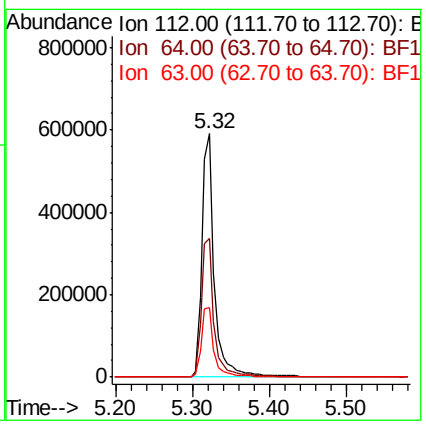


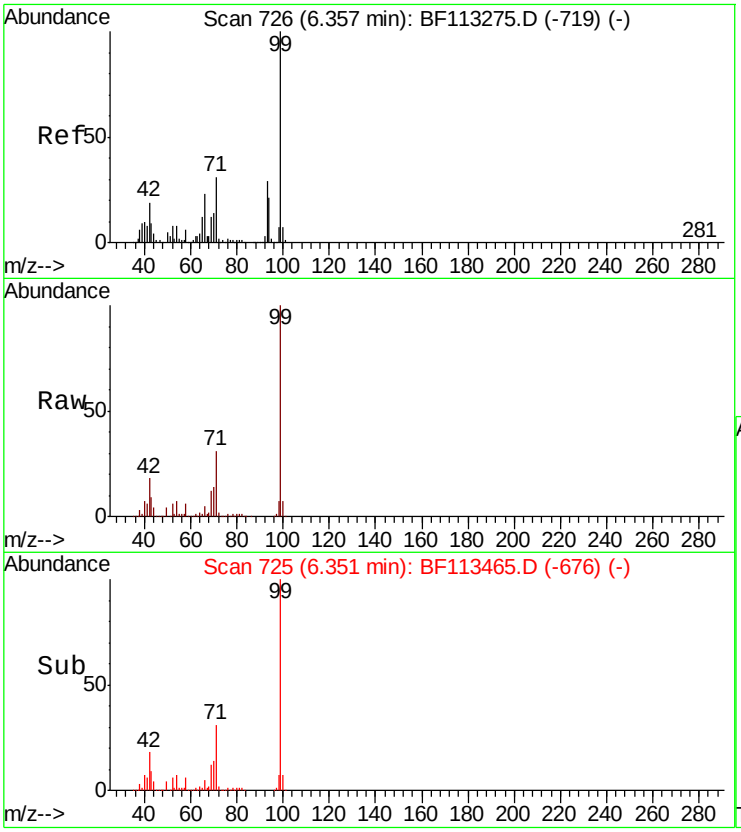


#5
2-Fluorophenol
Concen: 85.161 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:112 Resp: 666813

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.7	71.5
63	28.5	23.8	35.6



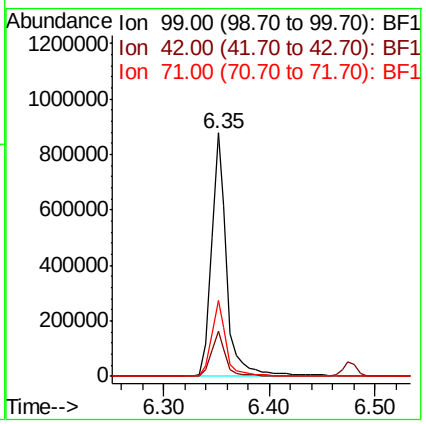


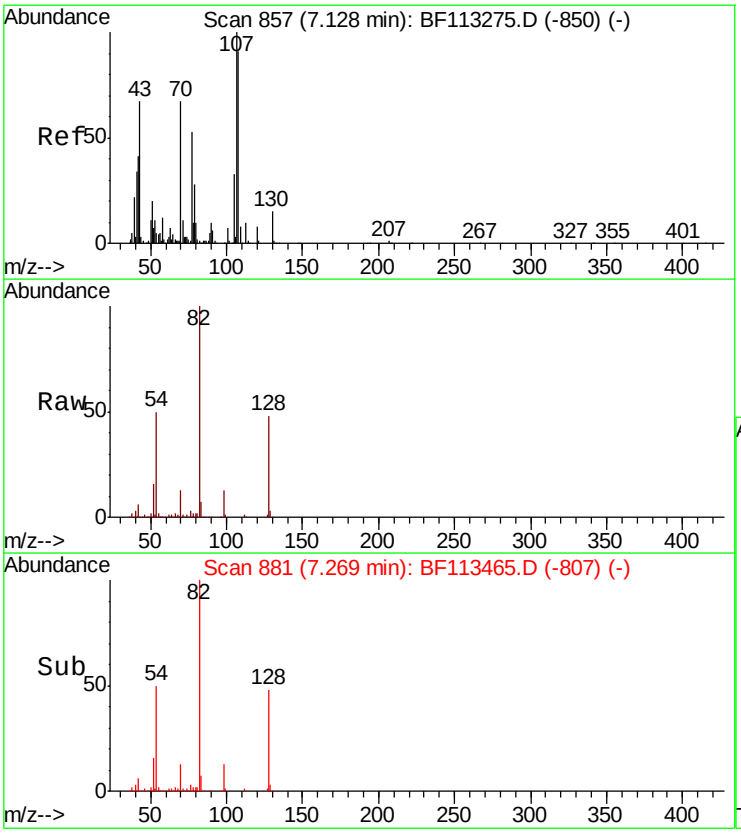
#7
Phenol-d6
Concen: 90.664 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 898071

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.4	21.6
71	31.0	25.0	37.6

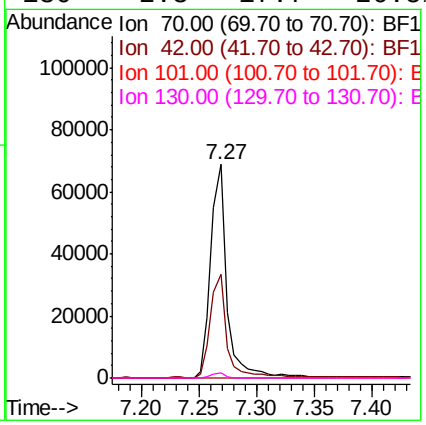


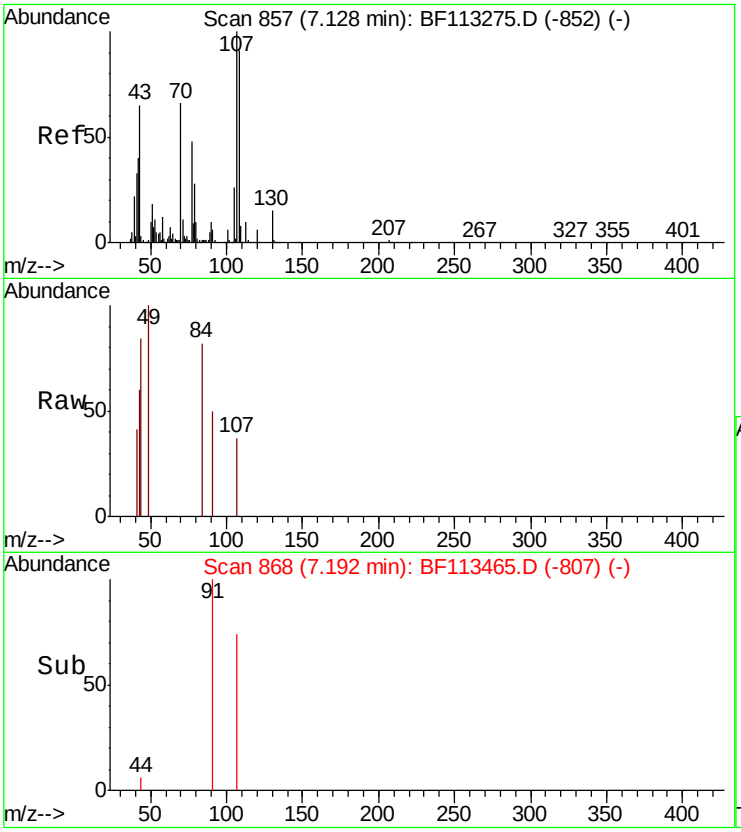


#19
n-Nitroso-di-n-propylamine
Concen: 10.995 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion: 70 Resp: 68413

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.4	74.0#
101	0.0	7.6	11.4#
130	2.3	17.7	26.5#



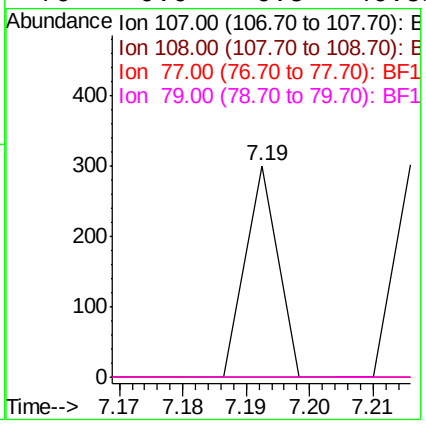


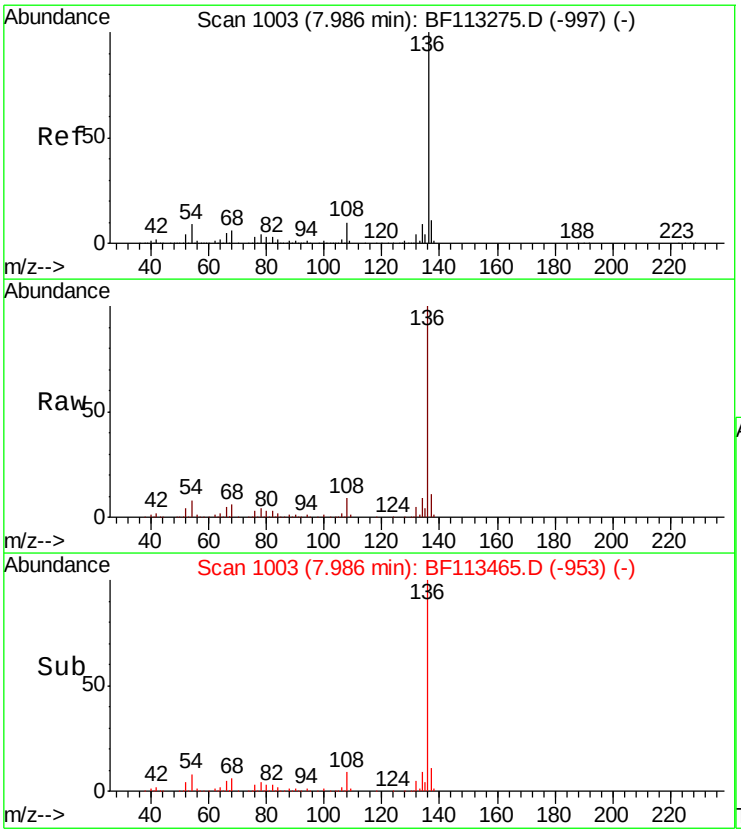
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.19 min Scan# 868
Delta R.T. 0.06 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 106

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.7	108.7#
77	0.0	49.3	89.3#
79	0.0	6.5	46.5#

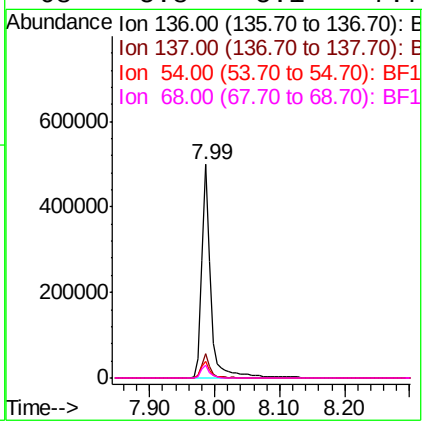


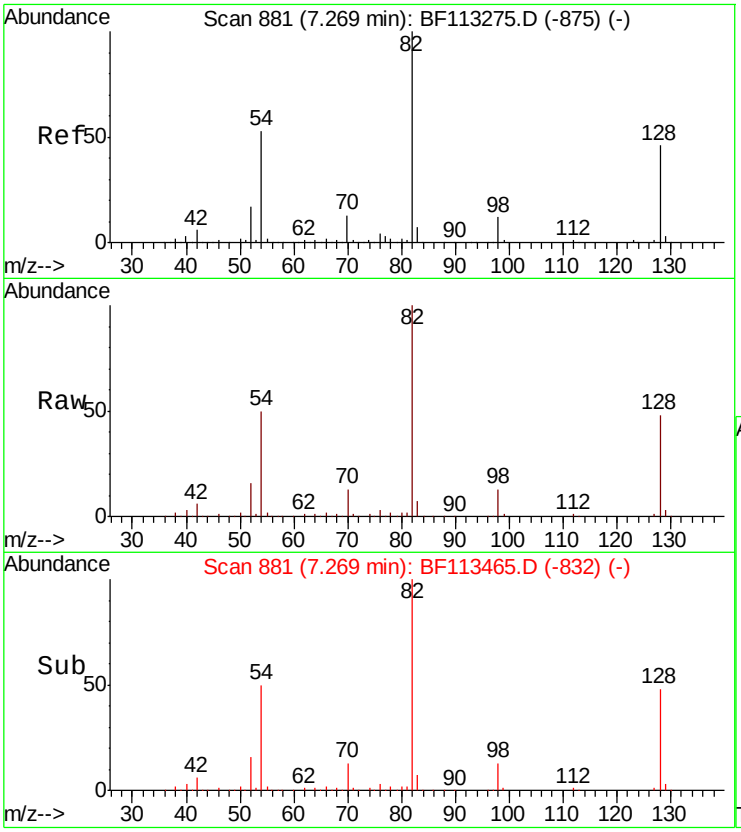


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:136 Resp: 485557

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.9	6.9	10.3
68	5.8	5.1	7.7



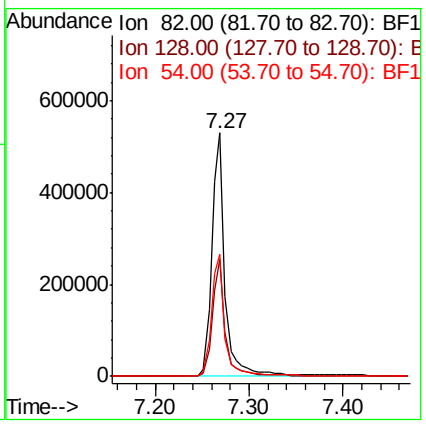


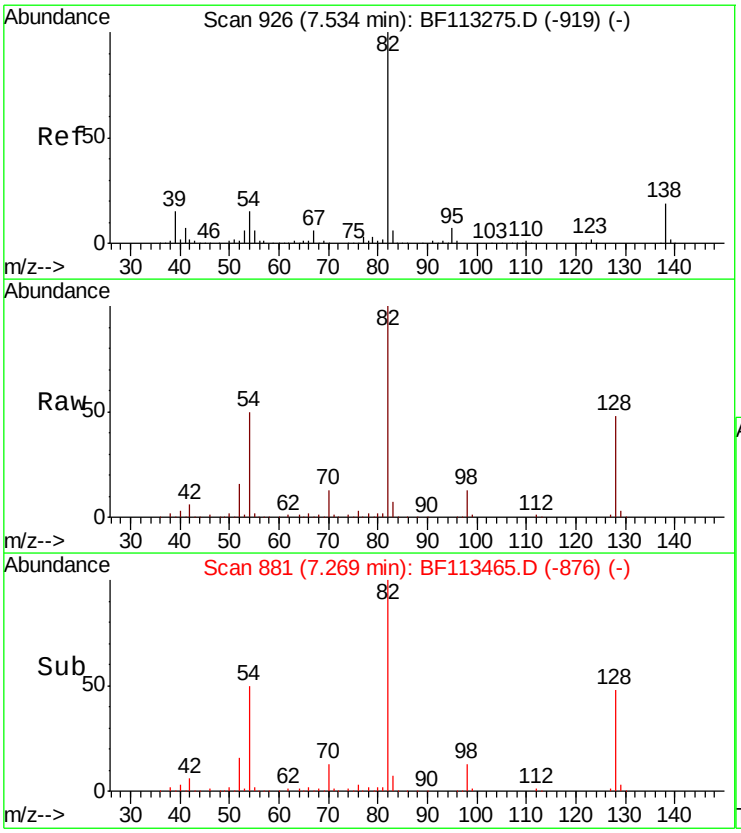
#23
Nitrobenzene-d5
Concen: 65.105 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 532604

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.9	56.9
54	50.2	41.9	62.9

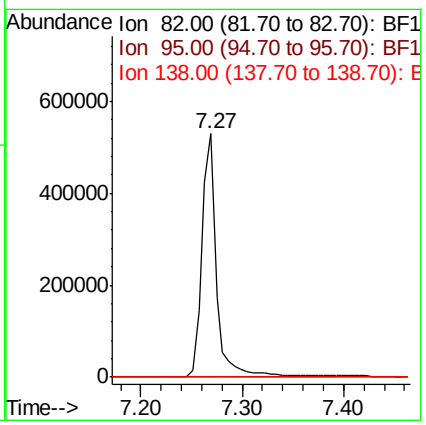


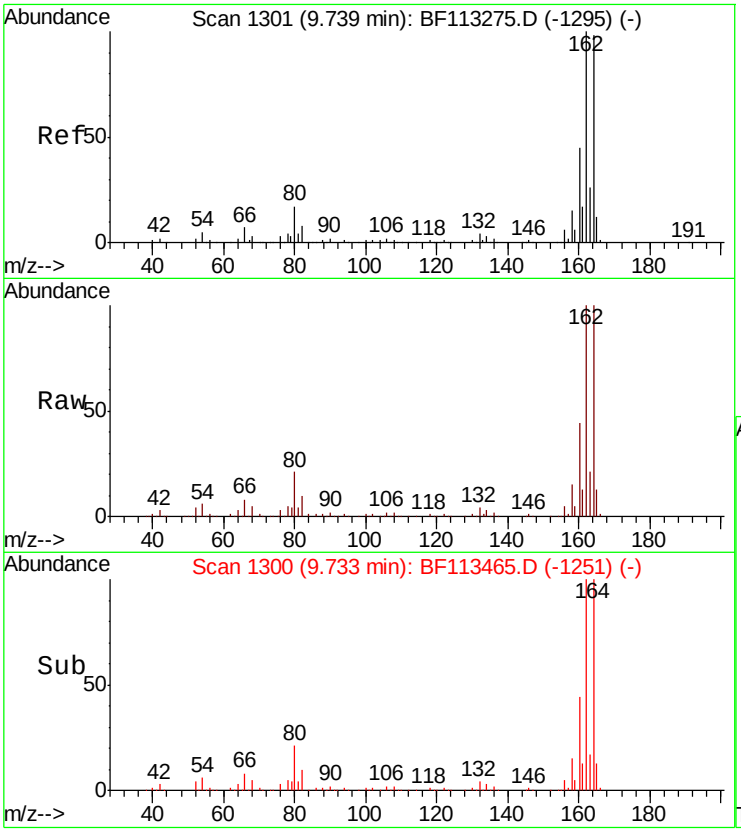


#25
Isophorone
Concen: 33.368 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion: 82 Resp: 529008

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.7	22.1#



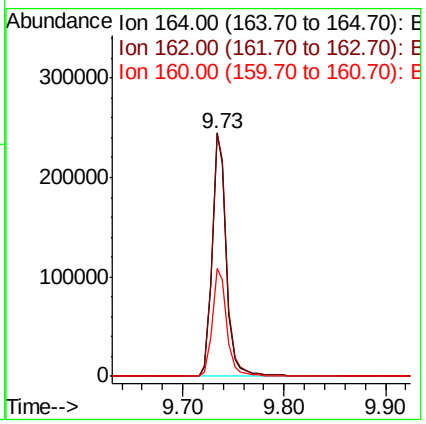


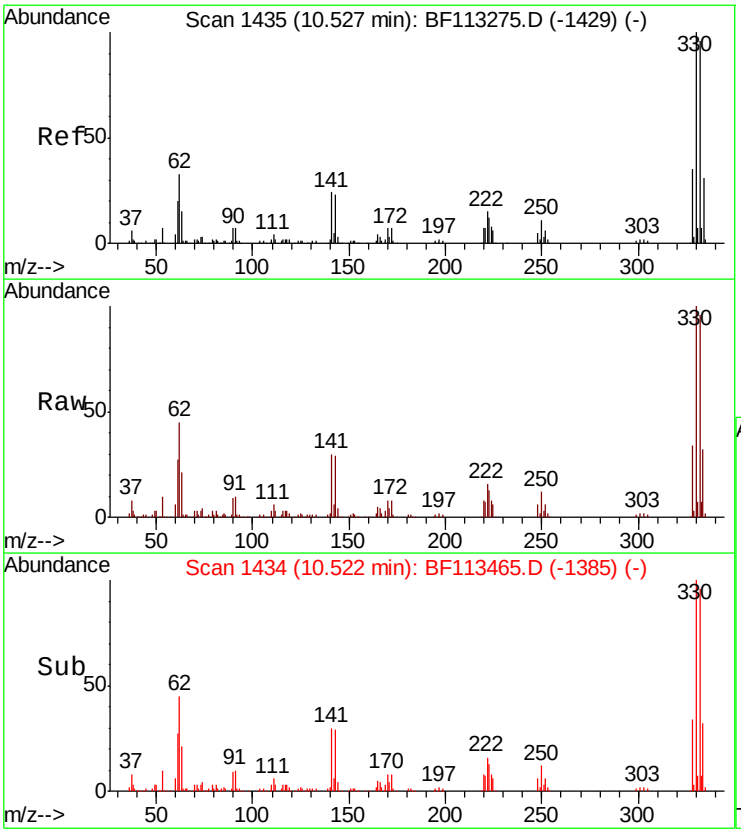
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 236913

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.7	119.5
160	44.2	35.9	53.9

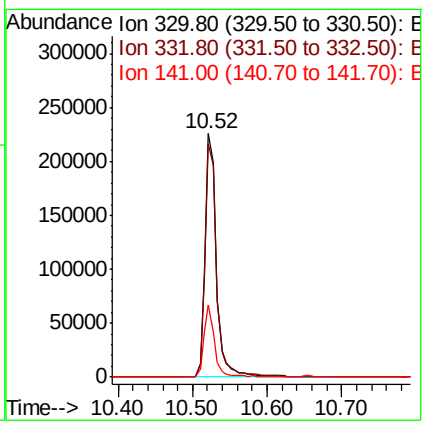


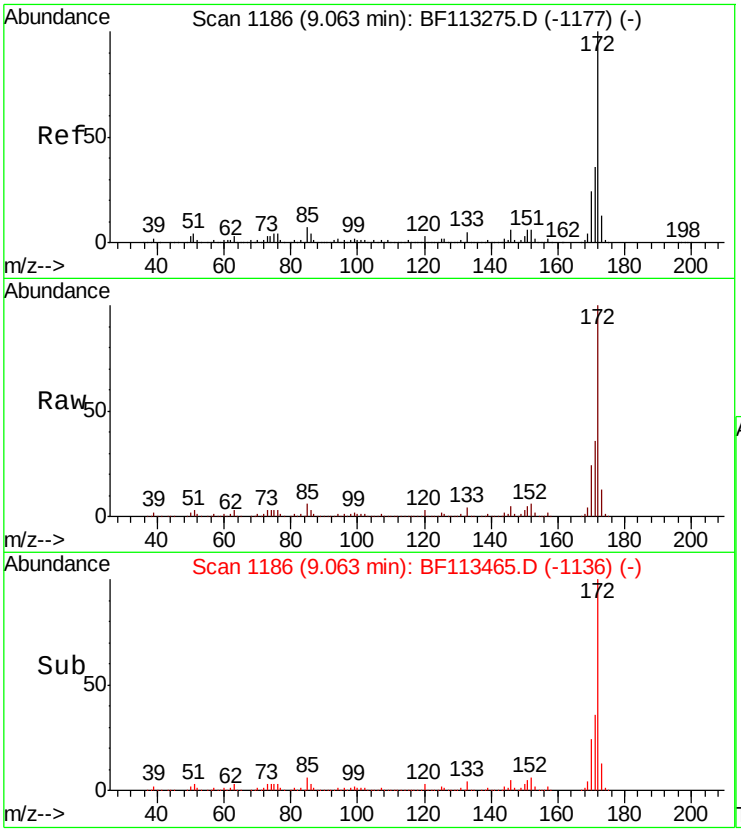


#42
2,4,6-Tribromophenol
Concen: 82.569 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:330 Resp: 241632

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	28.2	21.4	32.2



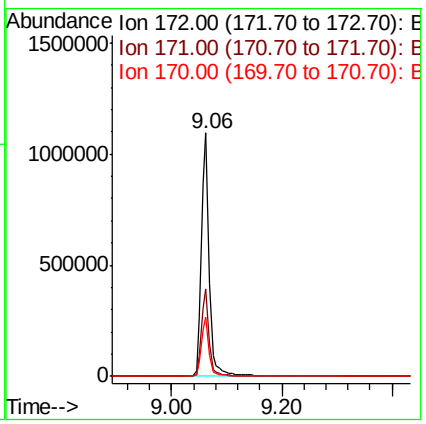


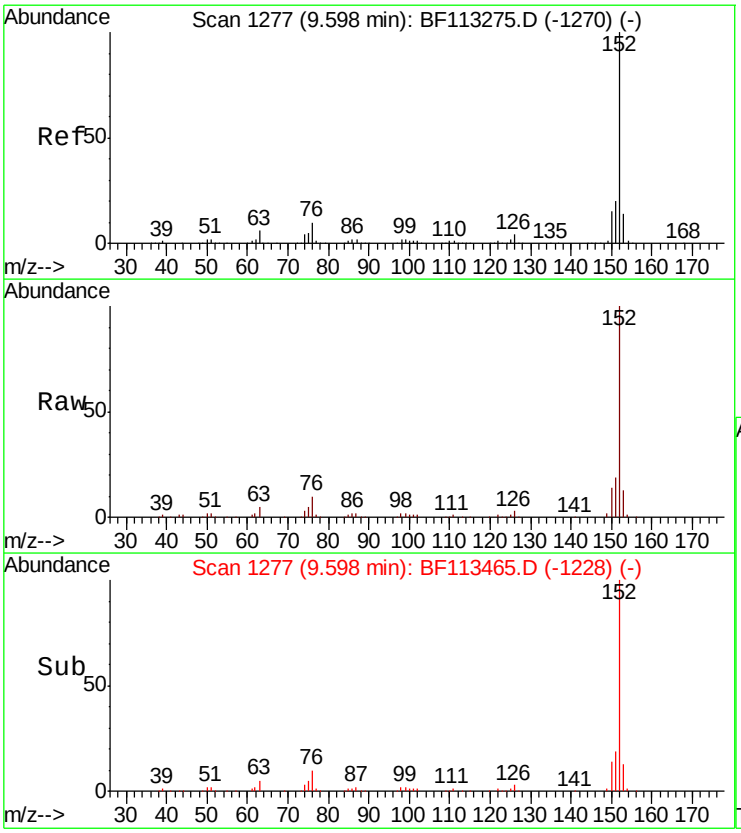
#45
2-Fluorobiphenyl
Concen: 66.909 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1068092

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	19.8	29.6

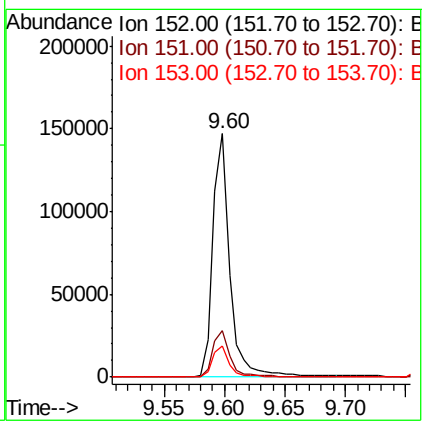


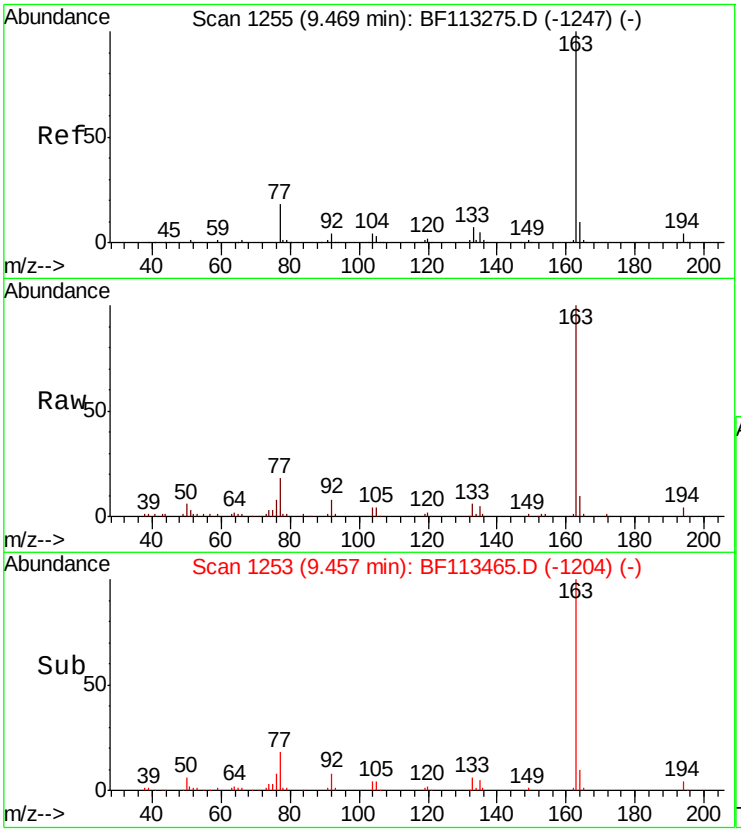


#49
Acenaphthylene
Concen: 5.799 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:152 Resp: 142837

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.5	24.7
153	12.9	10.8	16.2



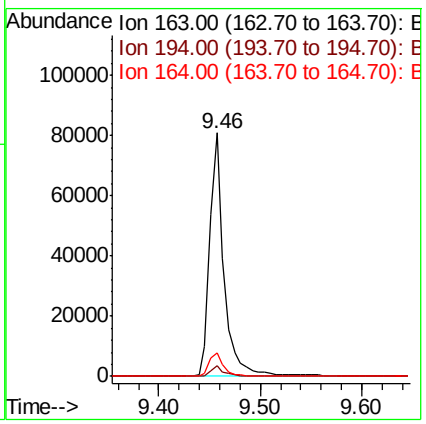


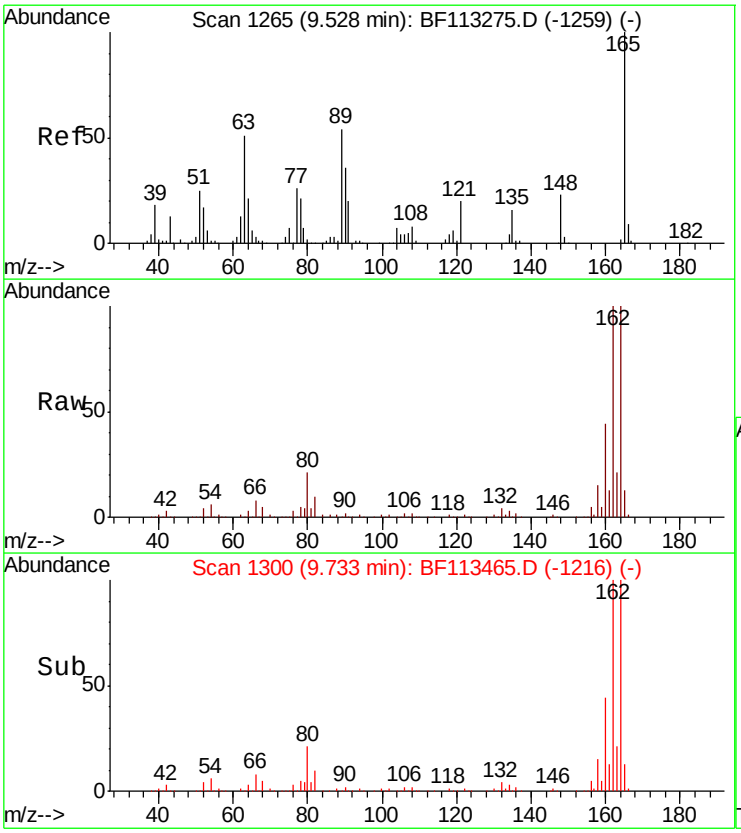
#50
Dimethylphthalate
Concen: 4.525 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 79451

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	9.9	8.3	12.5

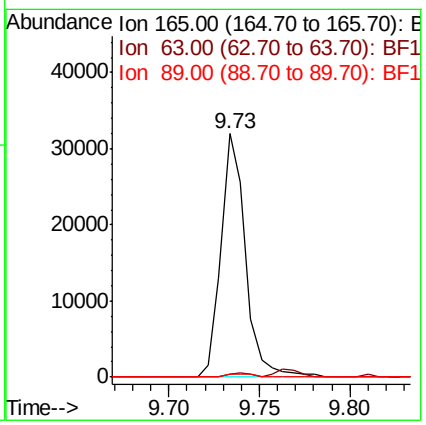


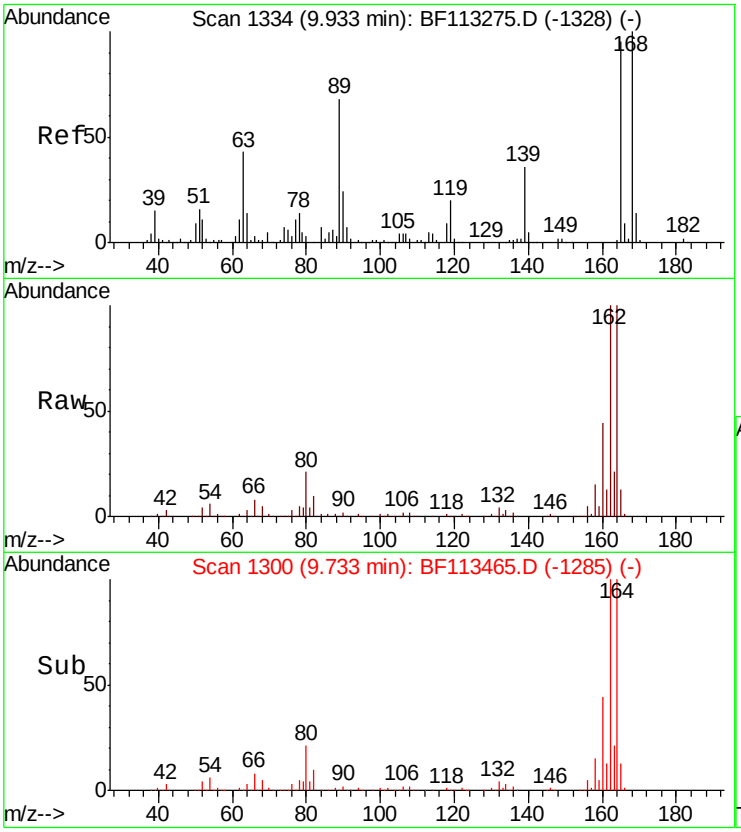


#51
2,6-Dinitrotoluene
Concen: 7.604 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.19 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:165 Resp: 30120

Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.3	57.5#
89	1.3	38.6	58.0#



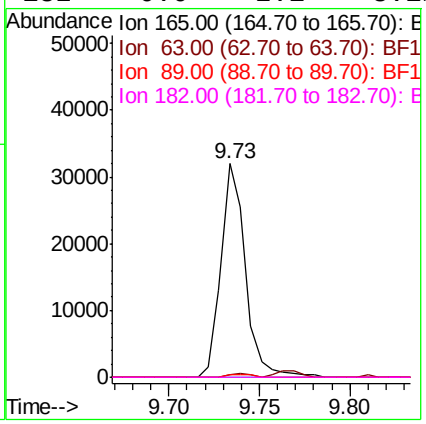


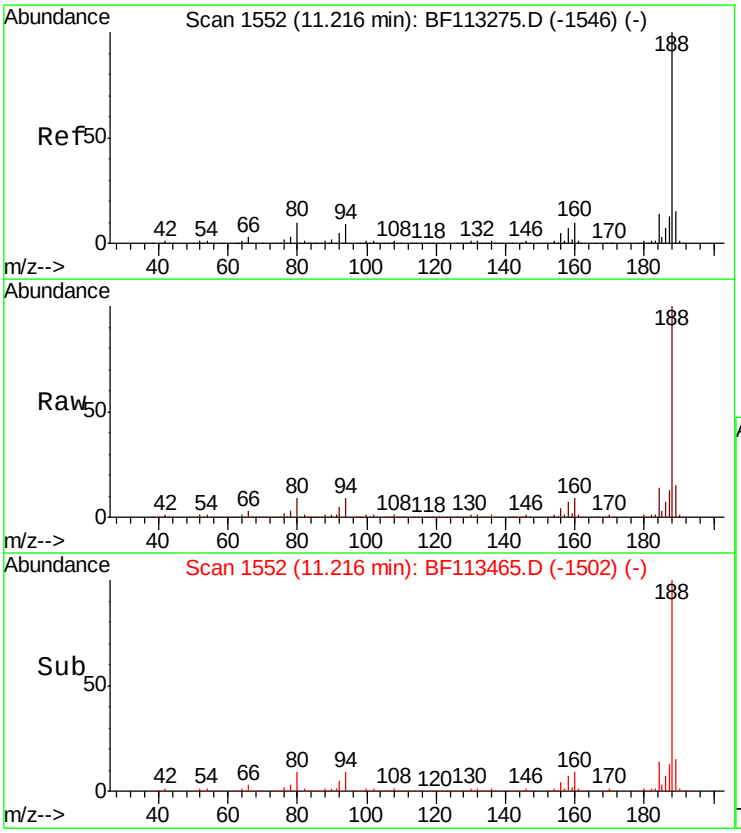
#57
2,4-Dinitrotoluene
Concen: 5.980 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 30120

Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.6	68.4#
89	1.3	61.8	92.8#
182	0.0	2.1	3.1#

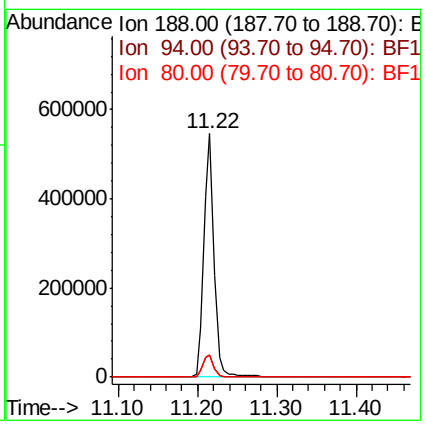


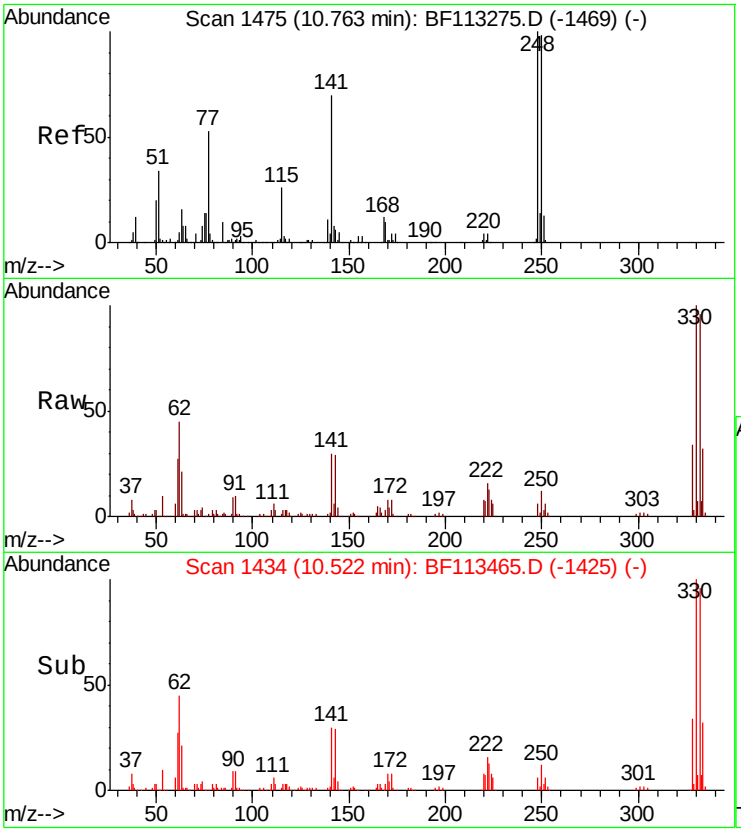


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:188 Resp: 492894

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.1	8.2	12.2



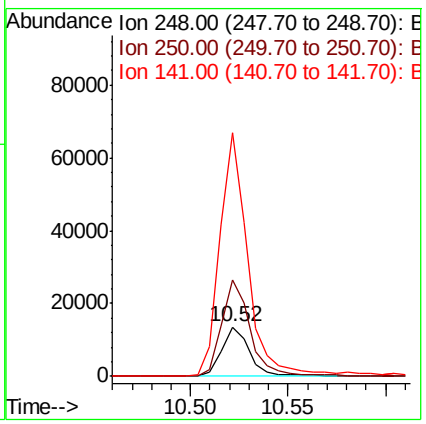


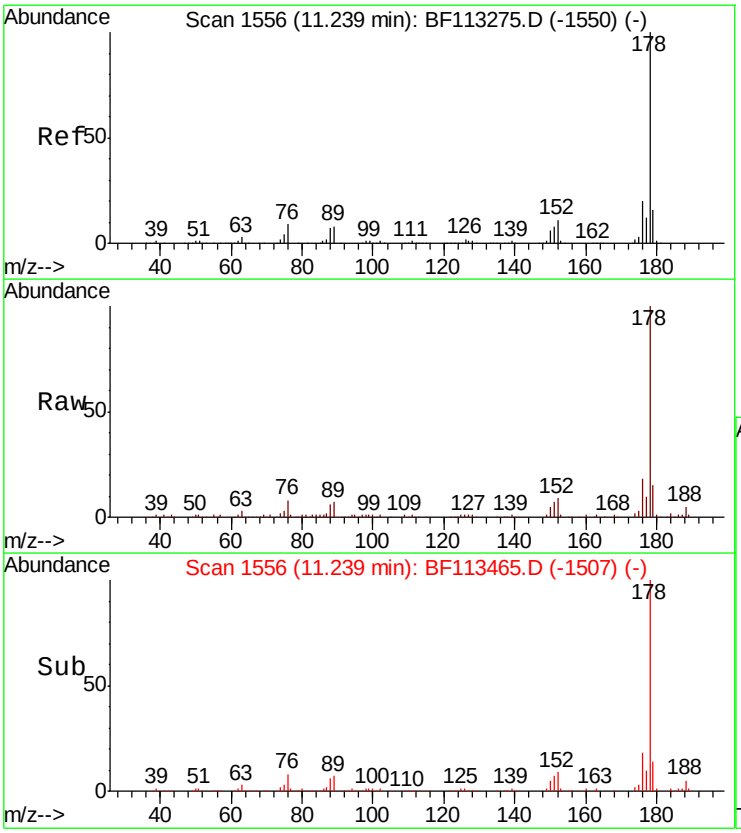
#67
4-Bromophenyl-phenylether
Concen: 2.511 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 13492

Ion	Ratio	Lower	Upper
248	100		
250	196.0	77.5	116.3#
141	491.7	54.0	81.0#

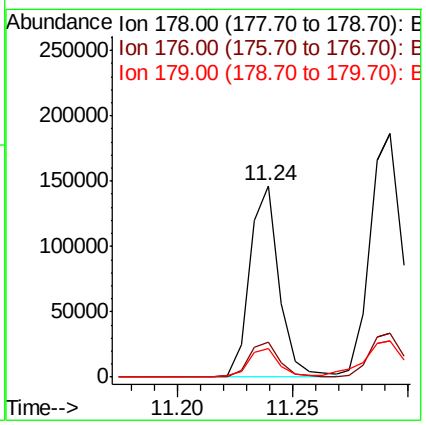


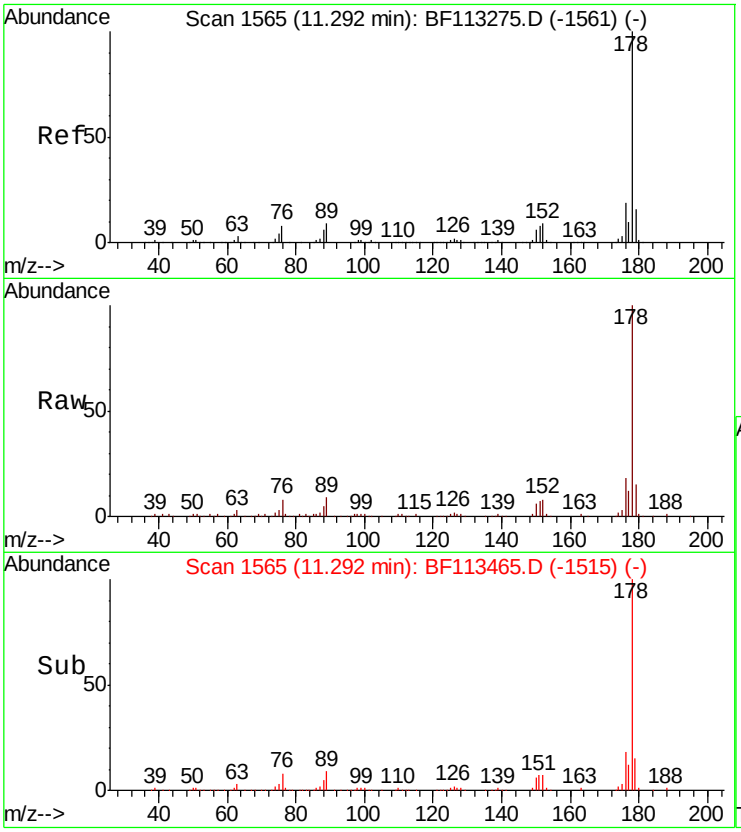


#71
Phenanthrene
Concen: 5.355 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:178 Resp: 131078

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.1	24.1
179	14.6	12.6	19.0



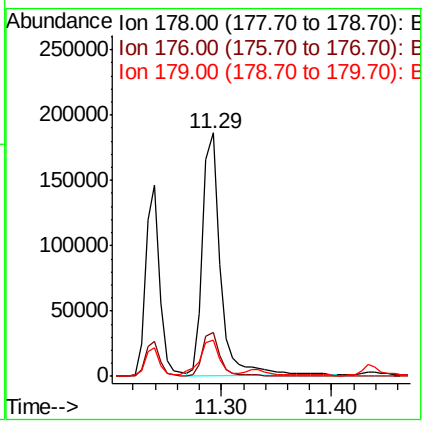


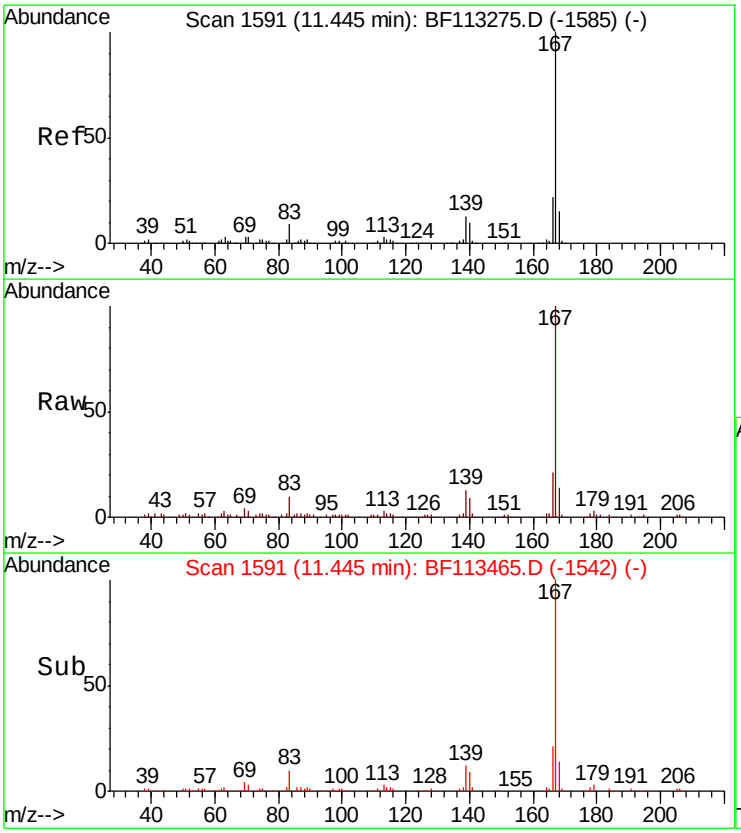
#72
Anthracene
Concen: 8.140 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 202379

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	14.9	12.9	19.3

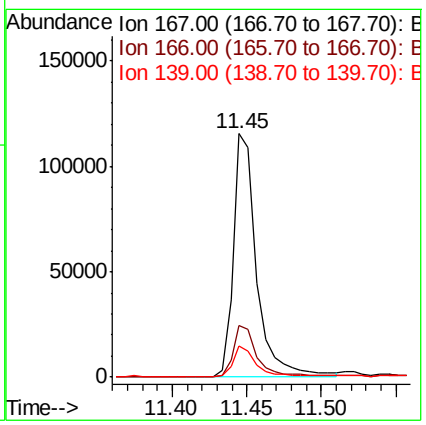


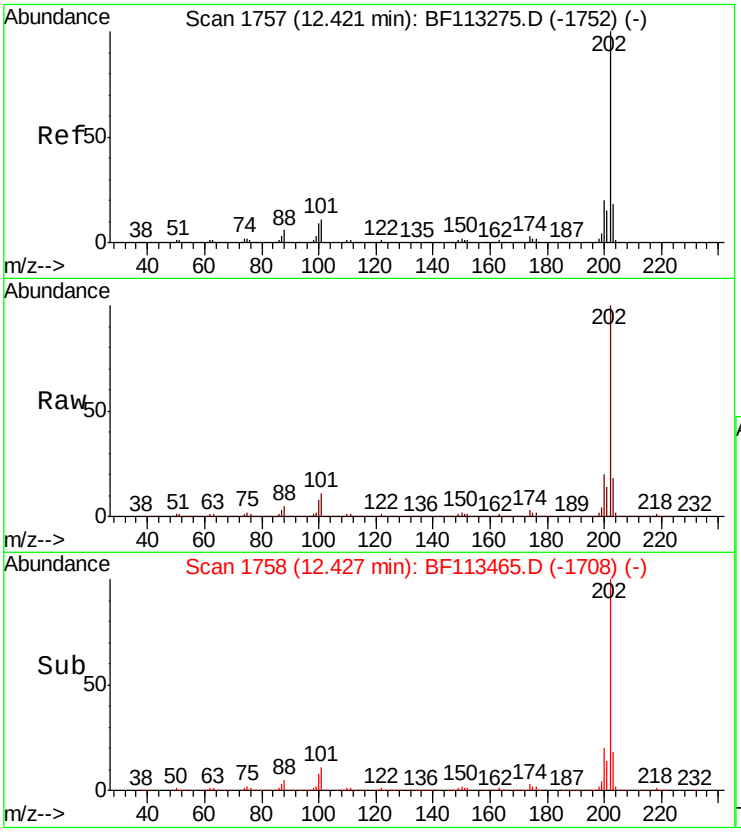


#73
Carbazole
Concen: 5.359 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:167 Resp: 127131

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.8	26.8
139	12.6	10.2	15.2



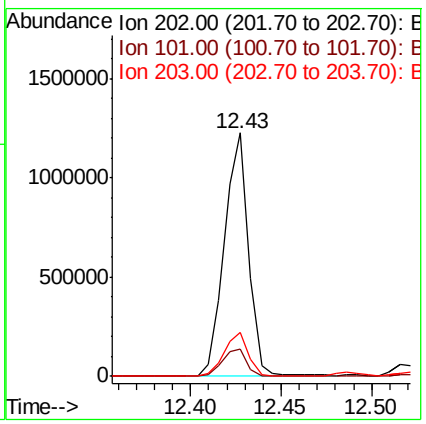


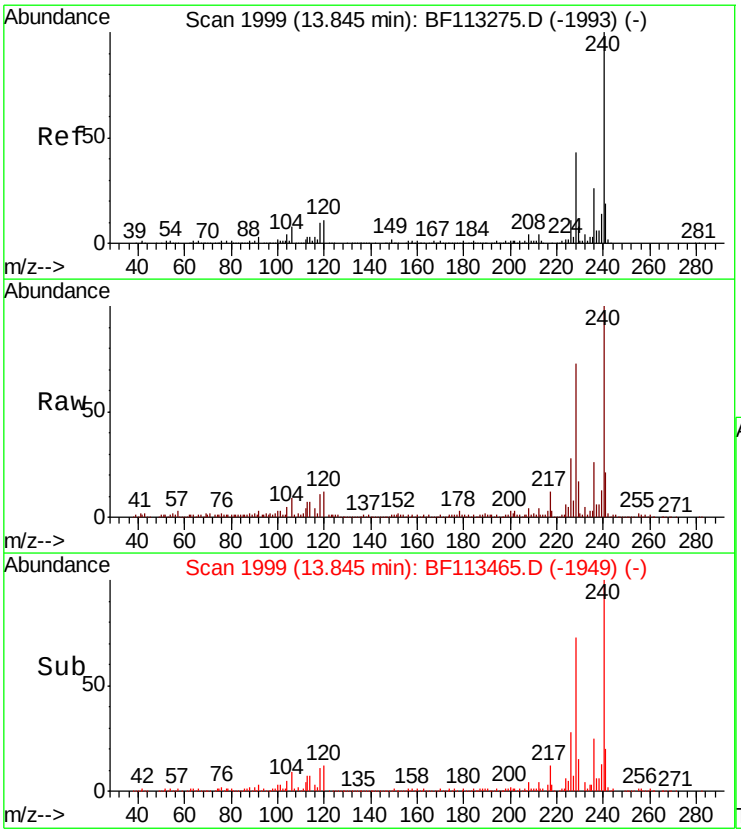
#75
Fluoranthene
Concen: 41.313 ng
RT: 12.43 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1143180

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.9
203	18.0	0.0	38.2

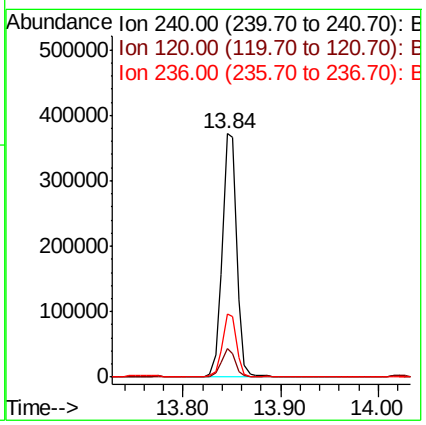


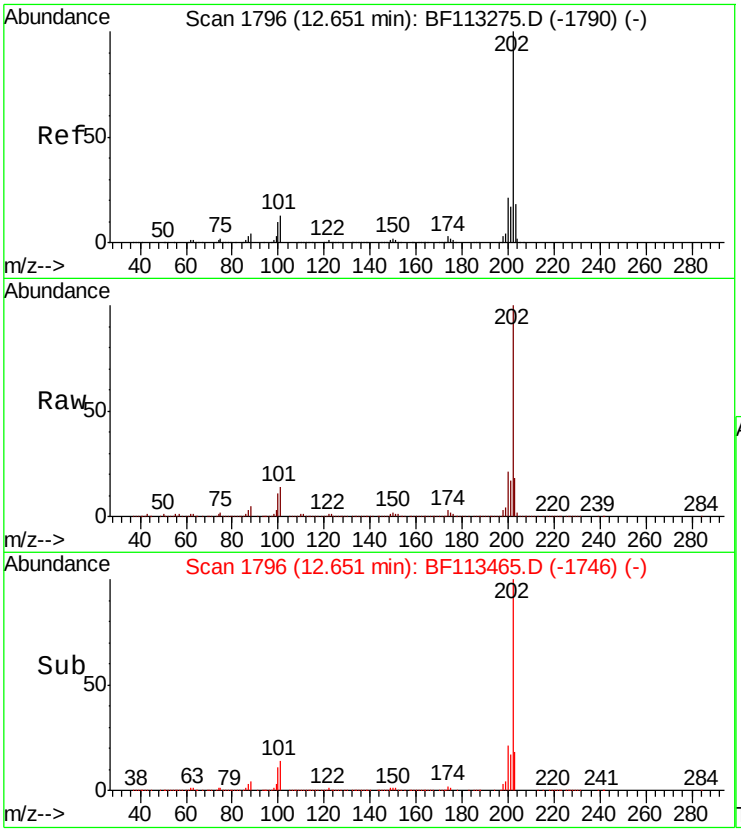


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:240 Resp: 383486

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.7	14.5
236	25.8	20.9	31.3



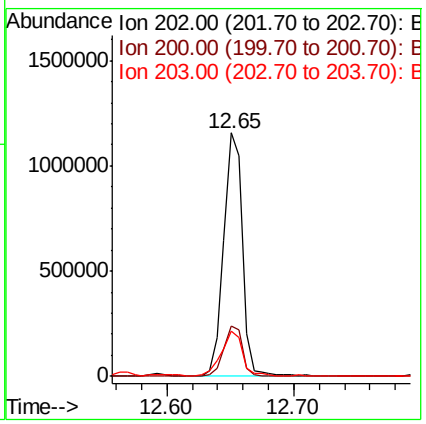


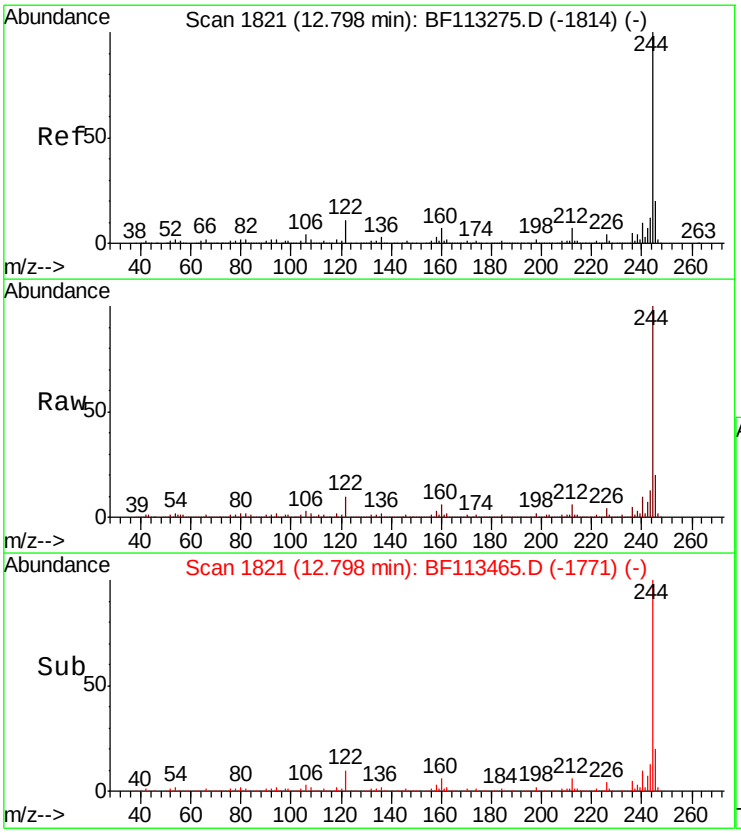
#78
Pyrene
Concen: 44.291 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1176989

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.6
203	18.4	14.7	22.1

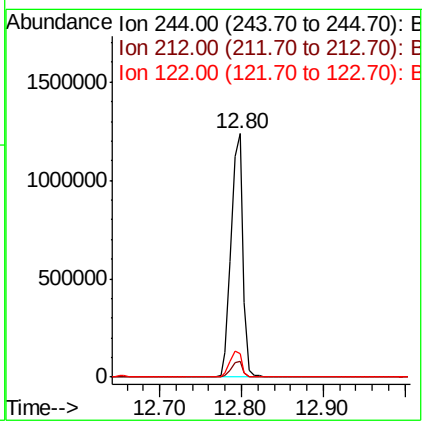


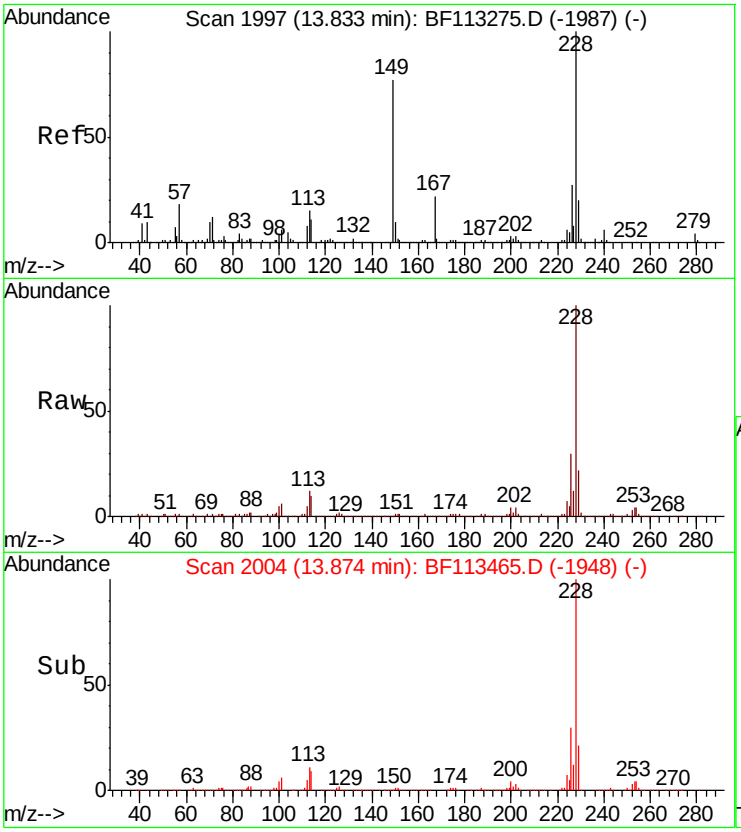


#79
Terphenyl-d14
Concen: 71.952 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:244 Resp: 1251833

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.8	8.7	13.1



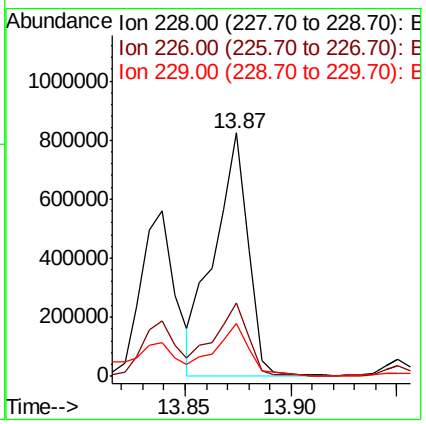


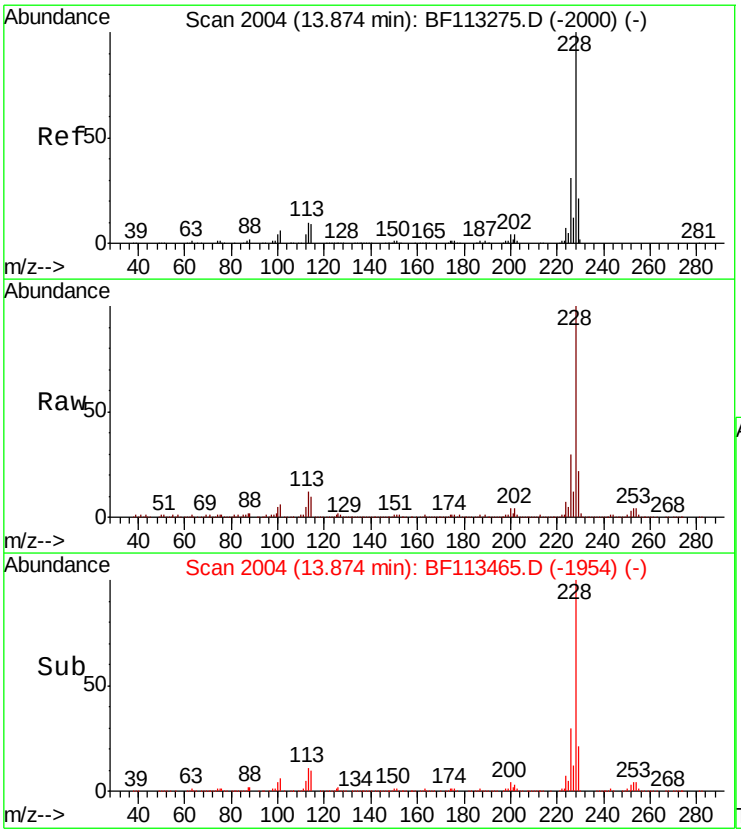
#81
Benzo(a)anthracene
Concen: 41.069 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.03 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 901525

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.0	33.0
229	21.6	16.0	24.0

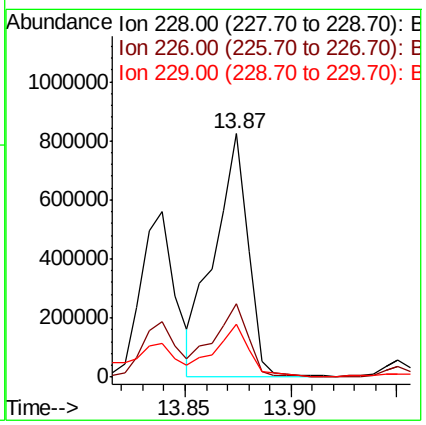


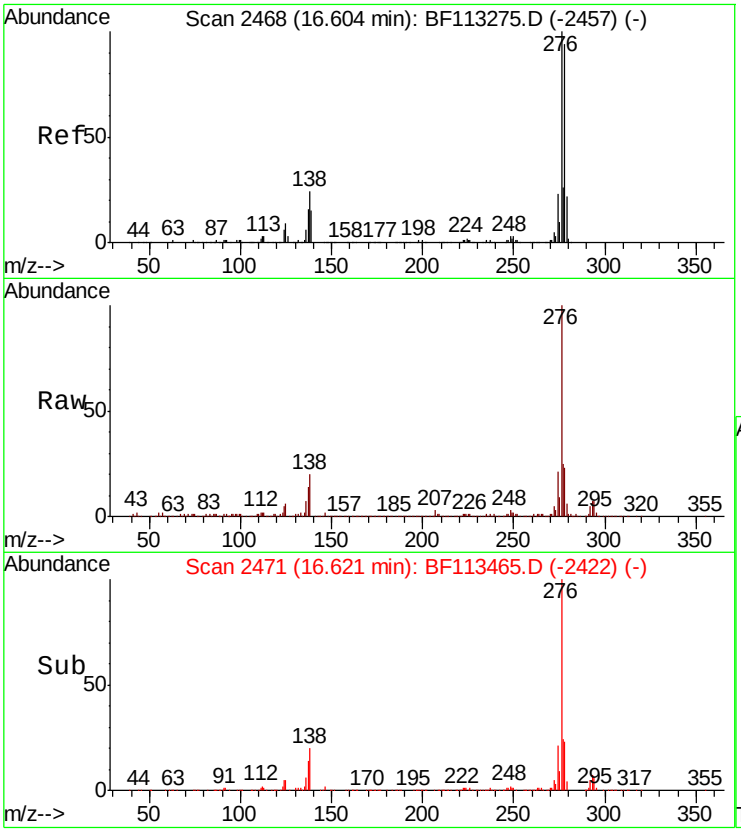


#83
Chrysene
Concen: 40.433 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:228 Resp: 901525

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	21.6	16.2	24.2



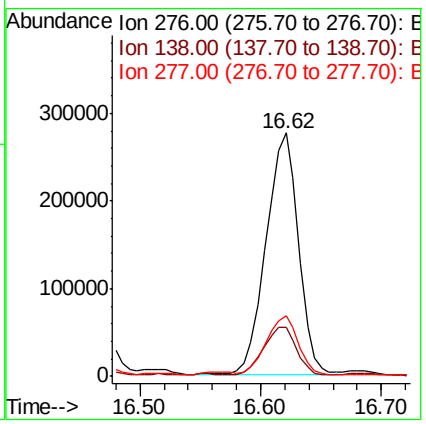


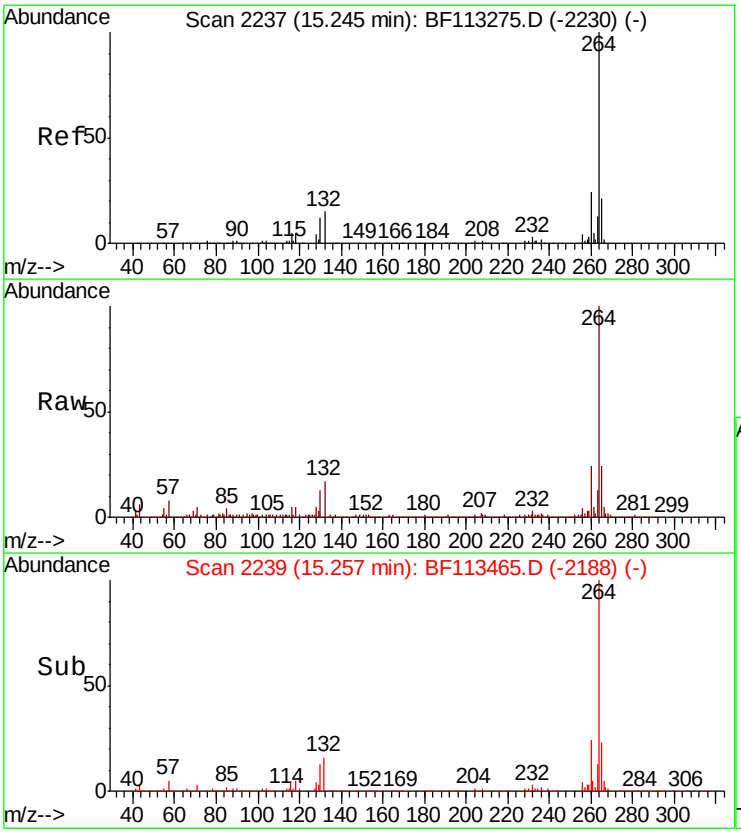
#86
Indeno(1,2,3-cd)pyrene
Concen: 26.881 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 514388

Ion	Ratio	Lower	Upper
276	100		
138	20.8	19.3	28.9
277	23.3	20.0	30.0

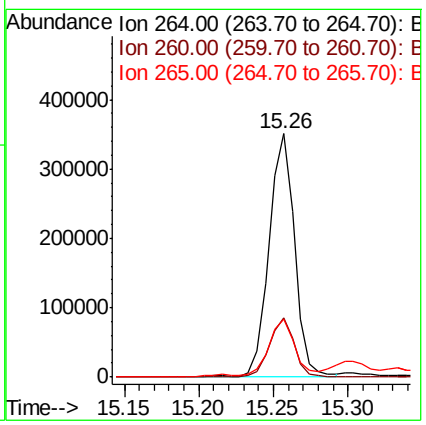


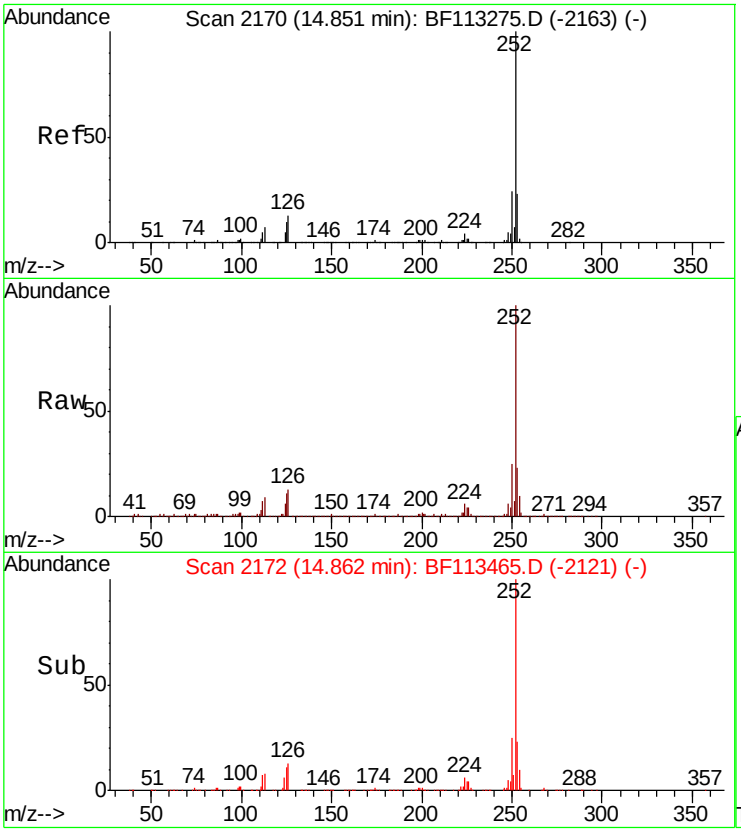


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:264 Resp: 416958

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	23.6	17.2	25.8



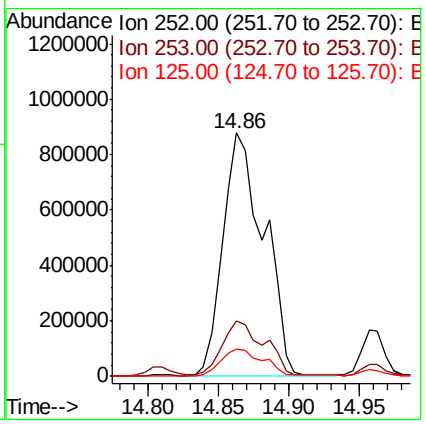


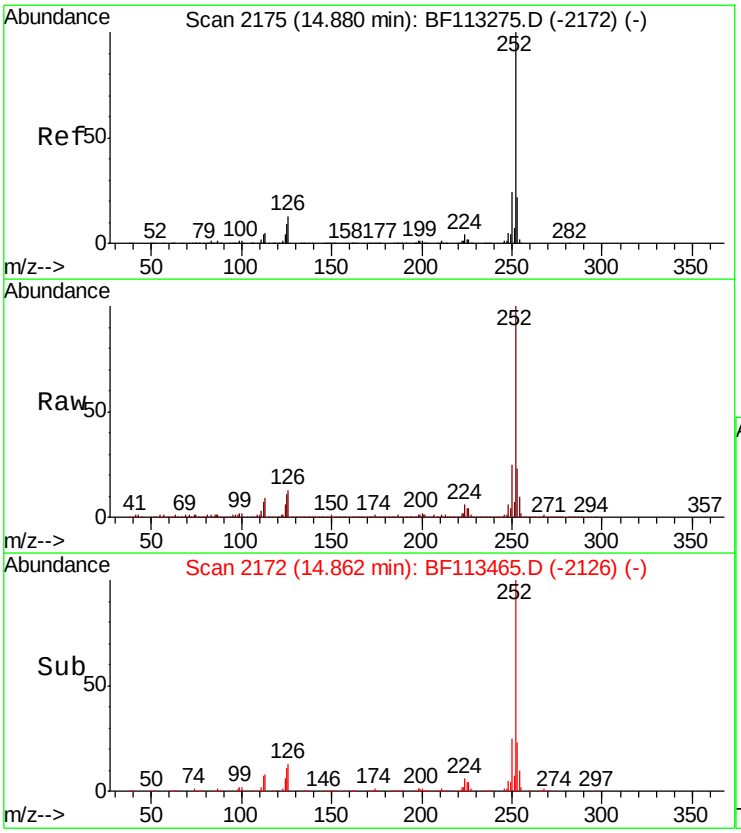
#88
Benzo(b)fluoranthene
Concen: 68.777 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1781406

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	11.2	8.2	12.2

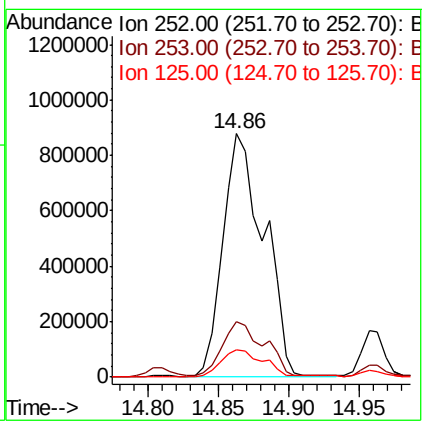


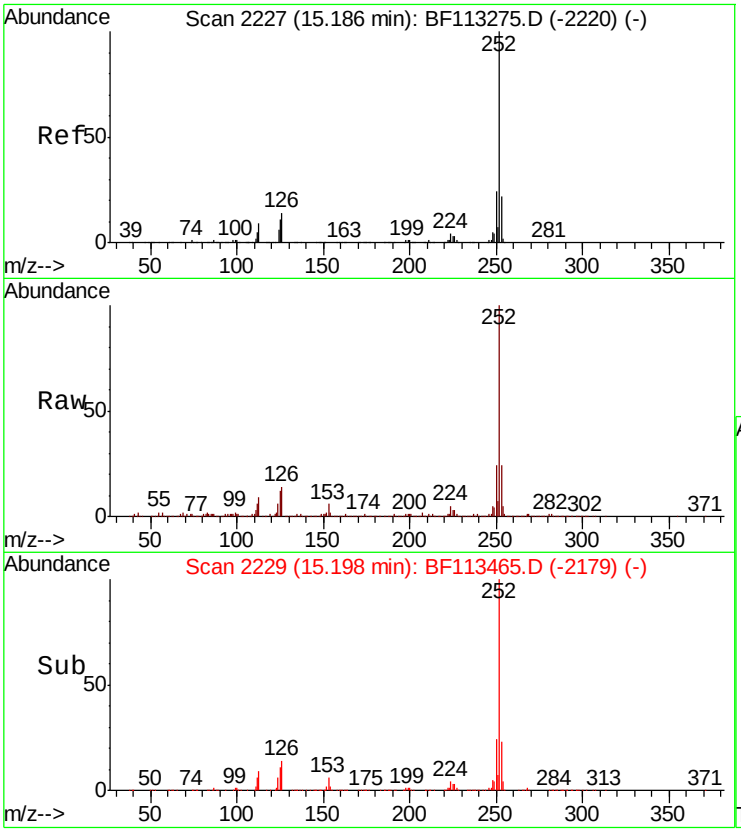


#89
Benzo(k)fluoranthene
Concen: 78.317 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:252 Resp: 1781406

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	11.2	7.3	10.9#



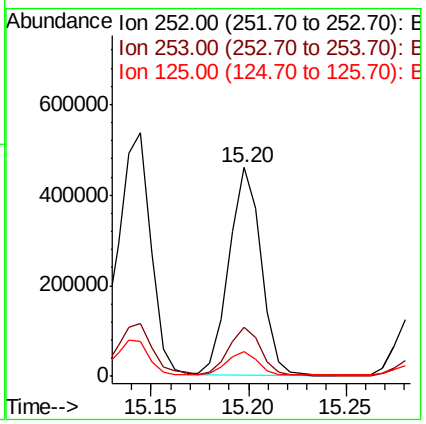


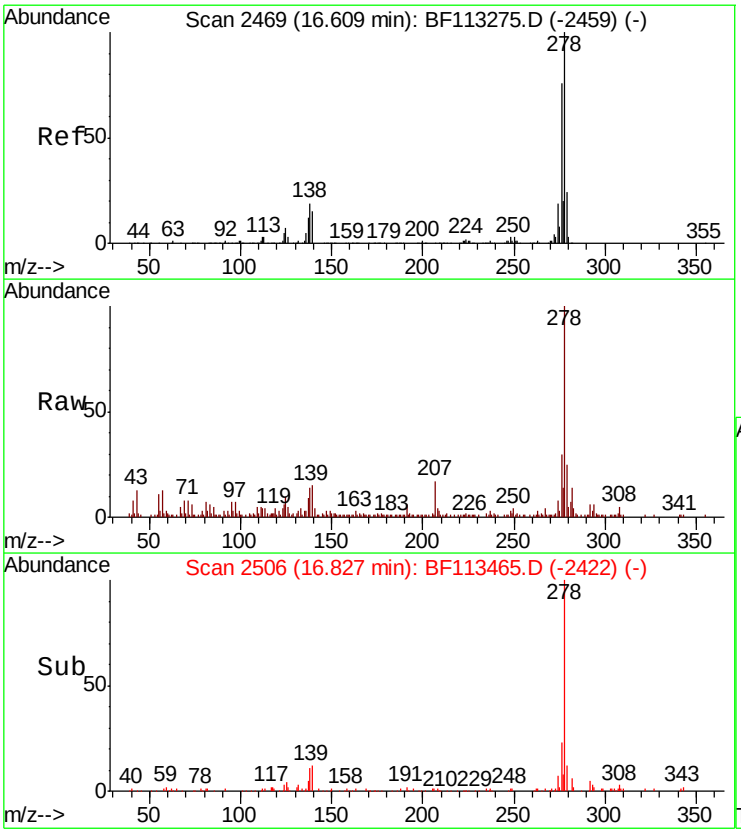
#90
Benzo(a)pyrene
Concen: 22.738 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 522127

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	11.7	8.4	12.6

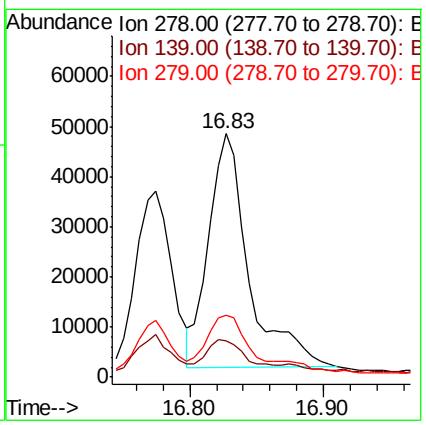


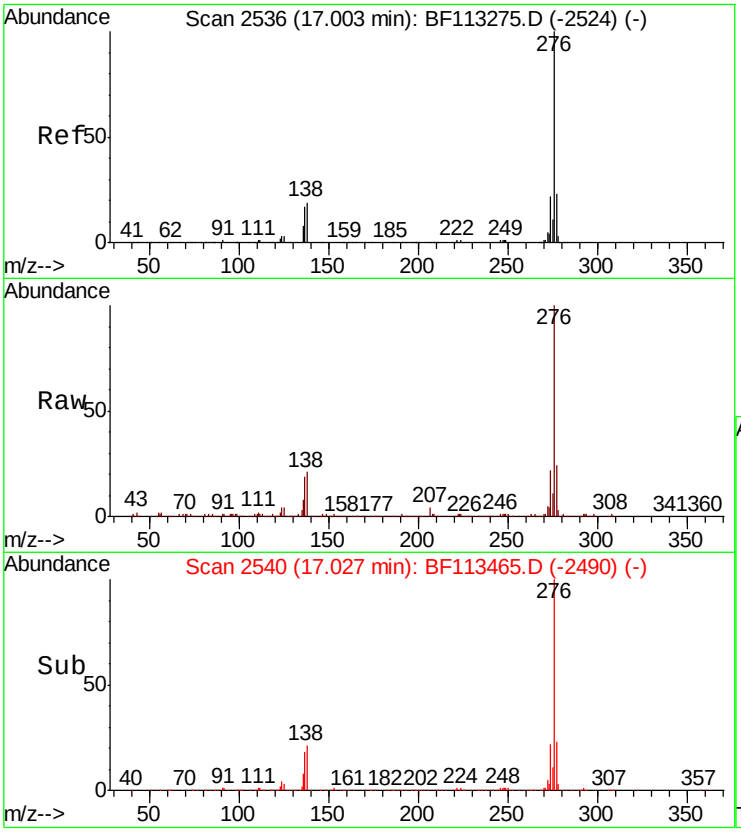


#91
Dibenzo(a,h)anthracene
Concen: 4.943 ng
RT: 16.83 min Scan# 2506
Delta R.T. 0.19 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Tgt Ion:278 Resp: 98141

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.6	18.8
279	25.5	19.3	28.9





#92
Benzo(g,h,i)perylene
Concen: 23.377 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF113465.D
Acq: 1 Apr 2019 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 467983

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.0
138	21.1	17.0	25.6