Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
Data File : BF113524.D
Acq On : 3 Apr 2019 00:10
Operator : JU/SJ
Sample : K2184-01 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-0D015-03-001

Quant Time: Apr 03 01:05:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	126814	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	460678	20.00	ng		-0.01
39) Acenaphthene-d10	9.72	164	192214	20.00	ng		-0.02
64) Phenanthrene-d10	11.20	188	348294	20.00	ng		-0.02
76) Chrysene-d12	13.83	240	321076	20.00	ng		-0.01
87) Perylene-d12	15.24	264	217460	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	193872	25.00	ng		-0.02
7) Phenol-d6	6.33	99	366398	37.34	ng		-0.02
23) Nitrobenzene-d5	7.25	82	202150	26.05	ng		-0.02
42) 2,4,6-Tribromophenol	10.51	330	25609	10.79	ng		-0.02
45) 2-Fluorobiphenyl	9.05	172	397695	18.66	ng		-0.02
79) Terphenyl-d14	12.78	244	405348	27.83	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.25	82	199127	13.238	ng	#	64
31) Naphthalene	7.99	128	65125	2.893	ng		98
37) 2-Methylnaphthalene	8.69	142	34618	2.464	ng		98
50) Dimethylphthalate	9.44	163	33198	2.331	ng		98
58) Fluorene	10.27	166	31866	2.424	ng		97
71) Phenanthrene	11.22	178	211401	12.222	ng		98
72) Anthracene	11.27	178	52095	2.965	ng		98
75) Fluoranthene	12.41	202	275767	14.103	ng		99
78) Pyrene	12.64	202	255229	11.471	ng		99
81) Benzo(a)anthracene	13.82	228	115574	6.288	ng		95
83) Chrysene	13.82	228	115574	6.191	ng		97
86) Indeno(1,2,3-cd)pyrene	16.61	276	38645	2.412	ng		98
88) Benzo(b)fluoranthene	14.84	252	128422	9.507	ng	#	81
89) Benzo(k)fluoranthene	14.84	252	128422	10.825	ng	#	80
90) Benzo(a)pyrene	15.19	252	64918	5.421	ng	#	81
92) Benzo(g,h,i)perylene	17.02	276	38576	3.695	ng	#	82

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Quant Time: Apr 03 01:05:07 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
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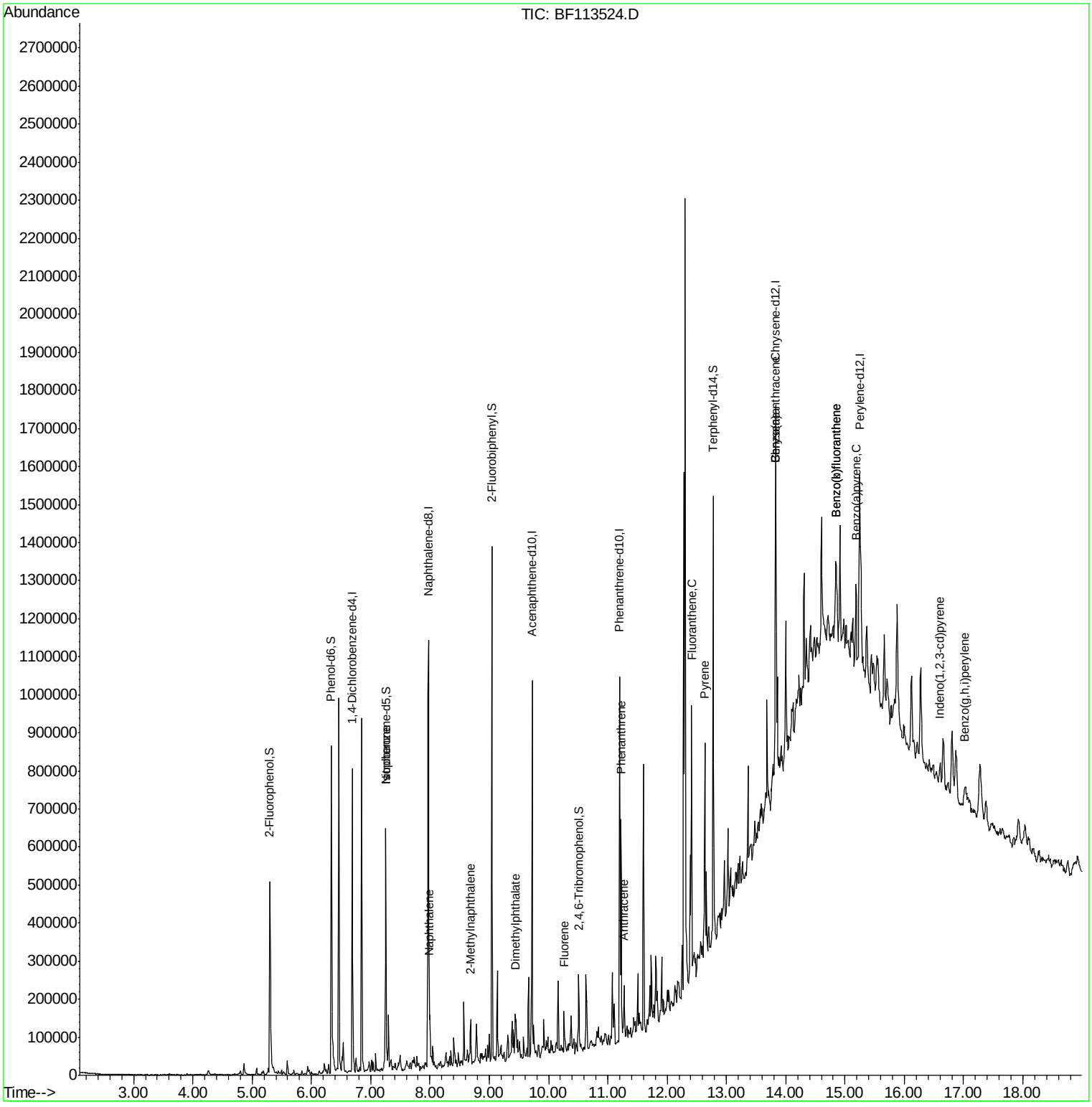
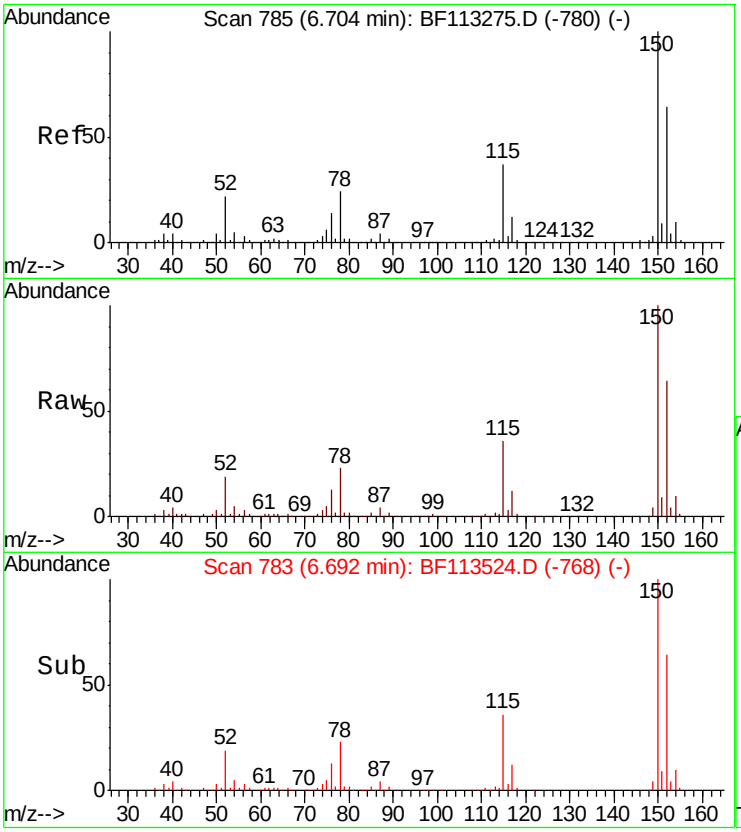


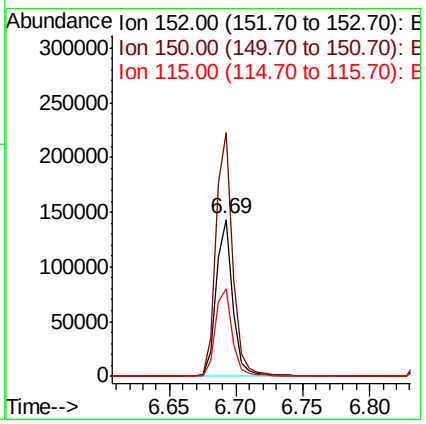


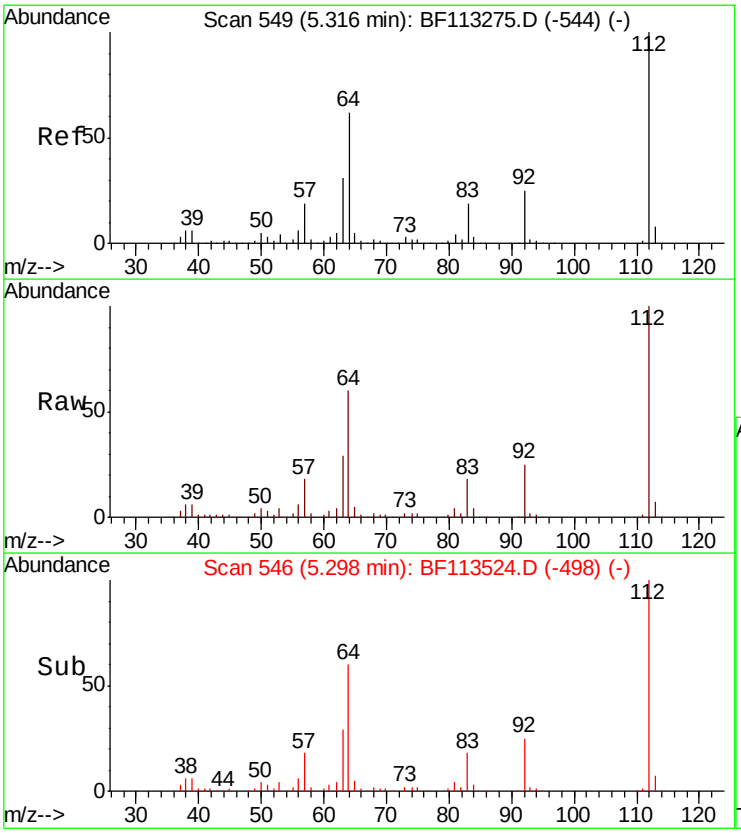
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:152 Resp: 126814

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	55.6	46.0	69.0

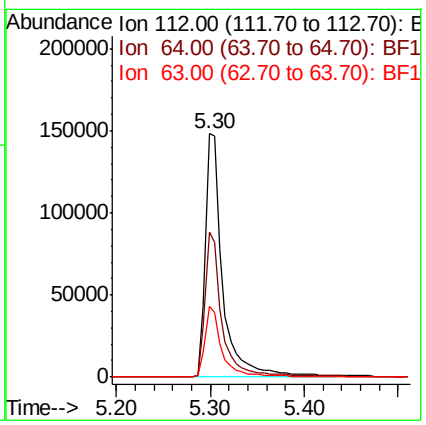


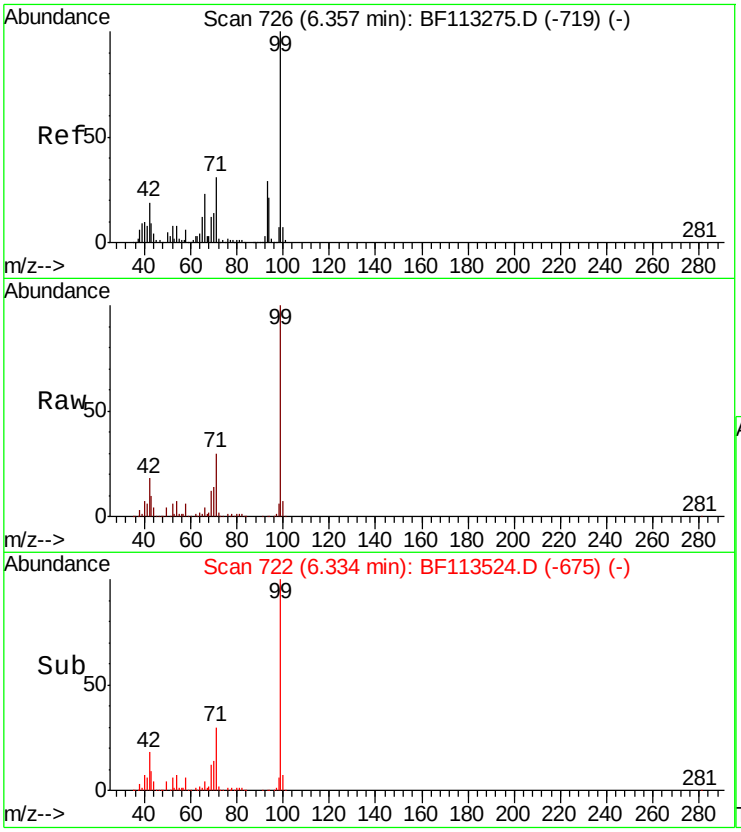


#5
2-Fluorophenol
Concen: 24.998 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:112 Resp: 193872

Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.2	73.8
63	29.1	24.9	37.3



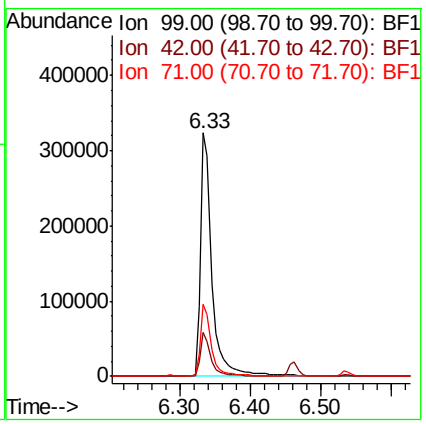


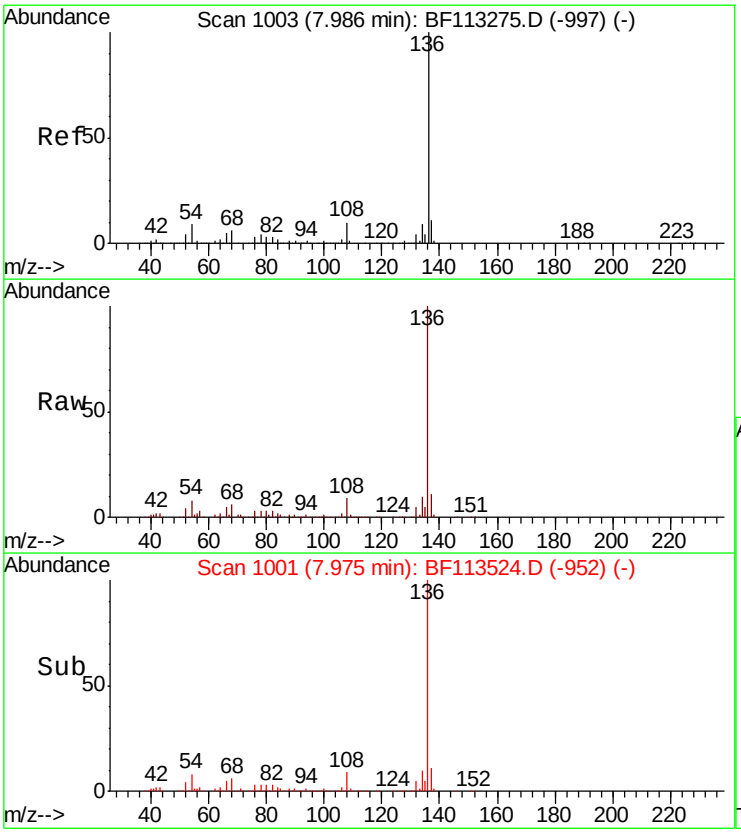
#7
Phenol-d6
Concen: 37.345 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion: 99 Resp: 366398

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.8	22.2
71	29.7	24.9	37.3

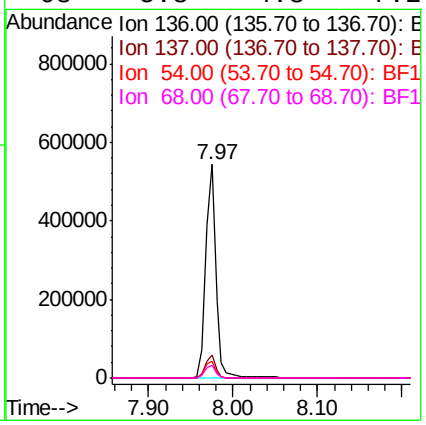


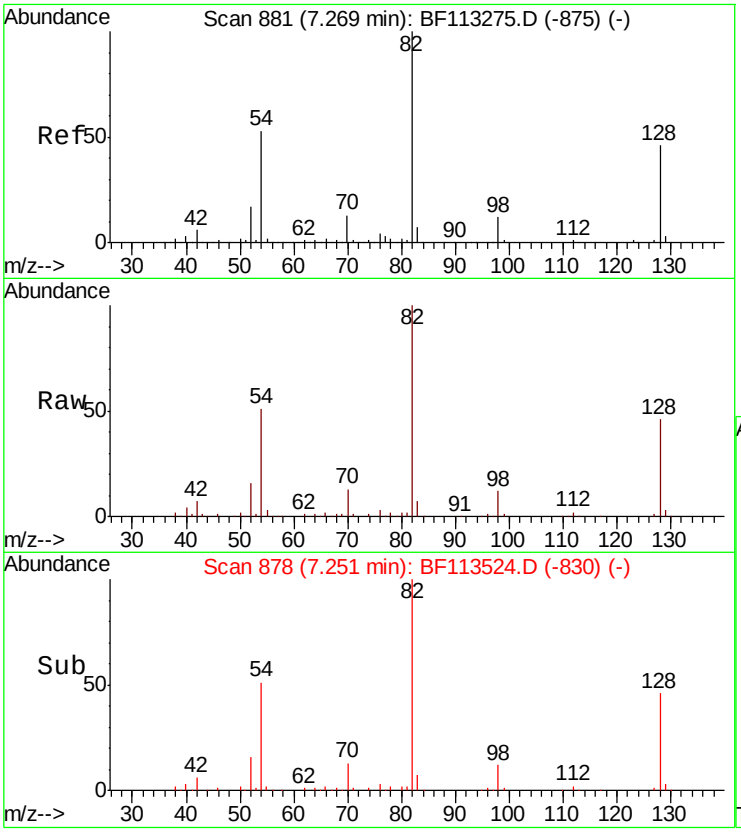


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:136 Resp: 460678

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.6	7.0	10.6
68	5.8	4.8	7.2



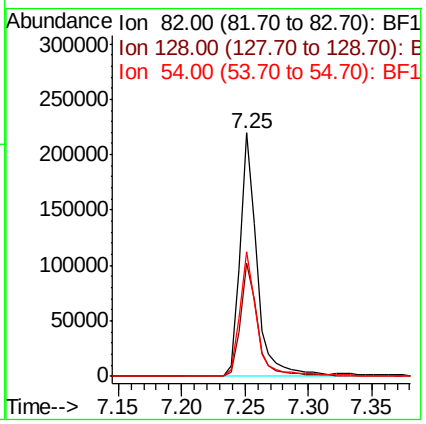


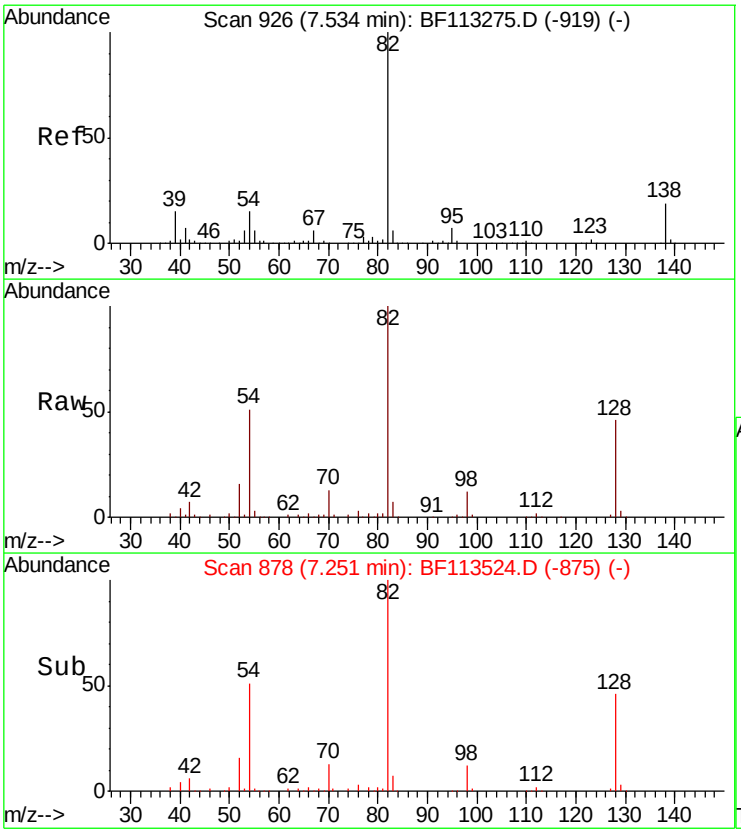
#23
Nitrobenzene-d5
Concen: 26.045 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion: 82 Resp: 202150

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.5	54.7
54	51.2	42.2	63.2

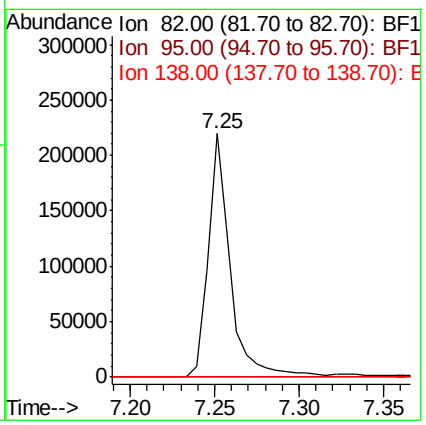


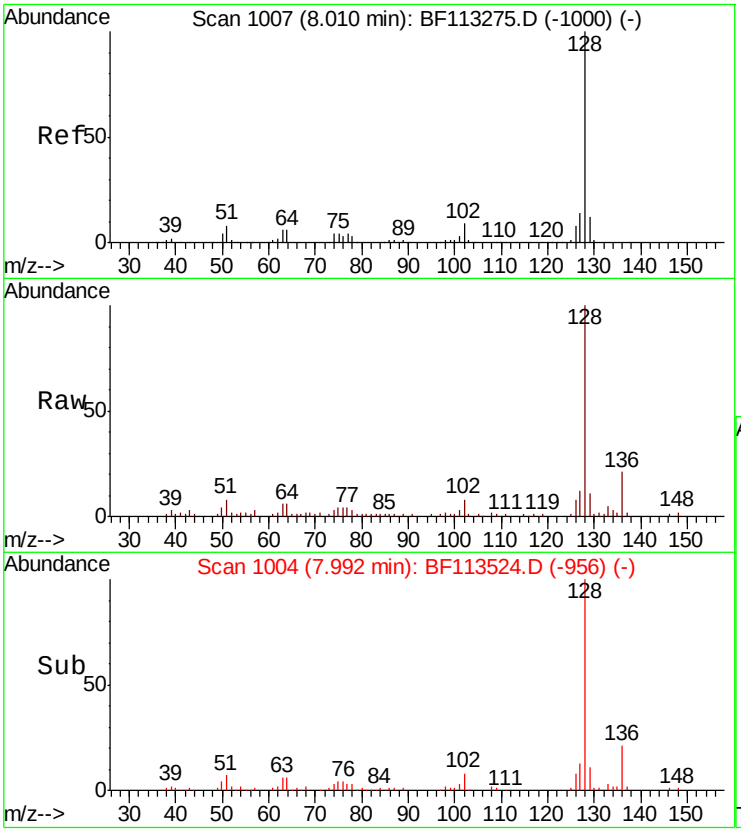


#25
Isophorone
Concen: 13.238 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.28 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion: 82 Resp: 199127

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.5	8.3#
138	0.0	15.2	22.8#



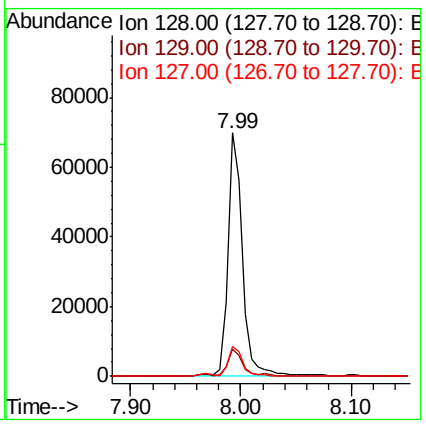


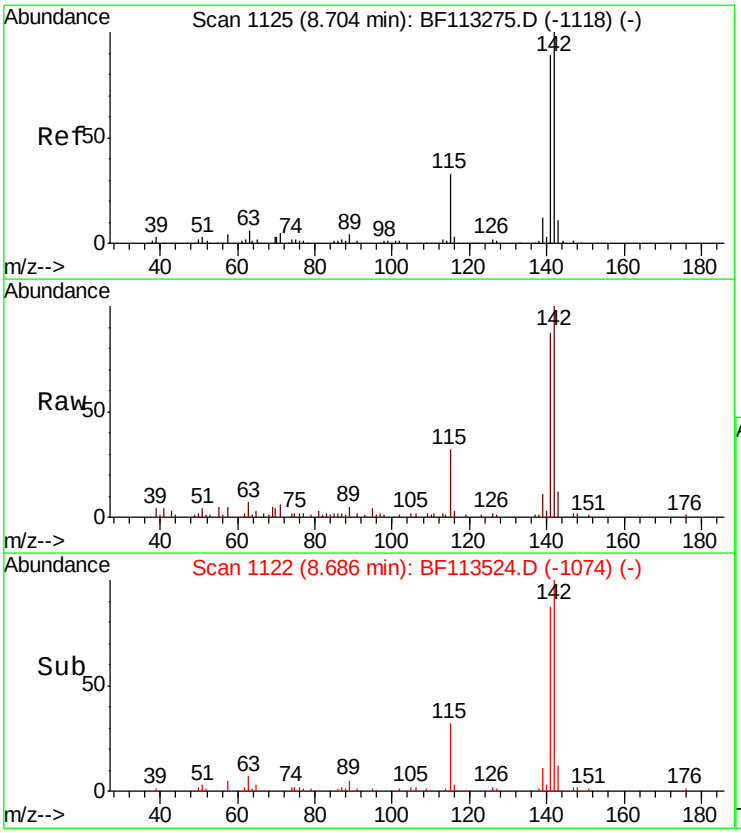
#31
Naphthalene
Concen: 2.893 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:128 Resp: 65125

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.5	10.9	16.3

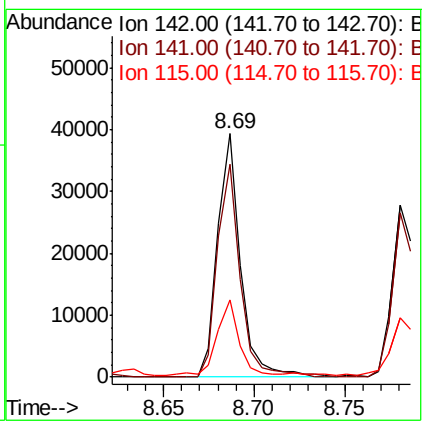


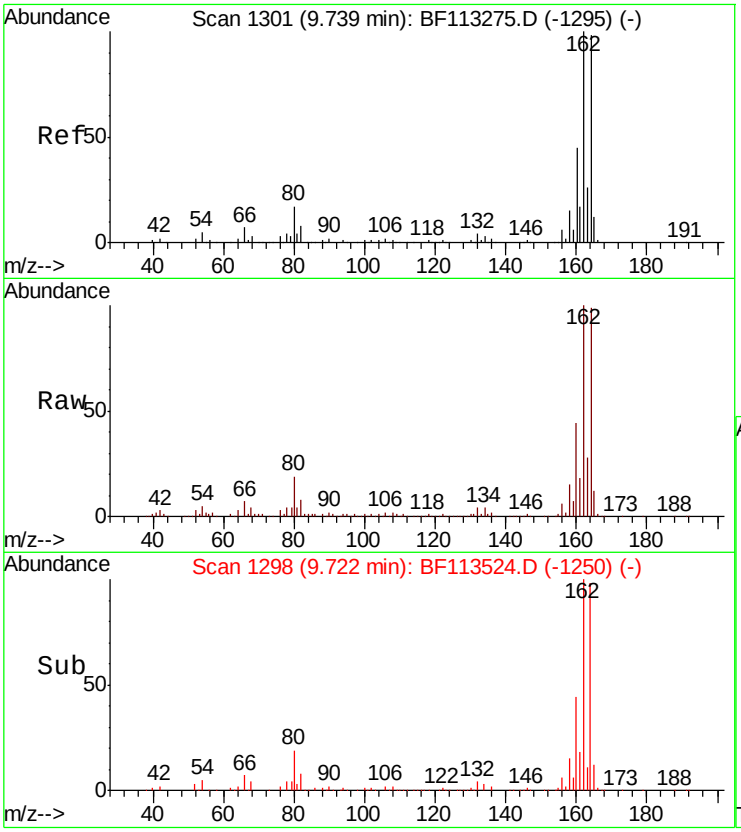


#37
2-Methylnaphthalene
Concen: 2.464 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:142 Resp: 34618

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.0	106.6
115	31.6	26.6	39.8



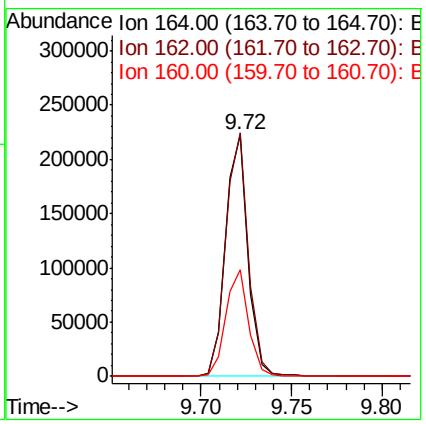


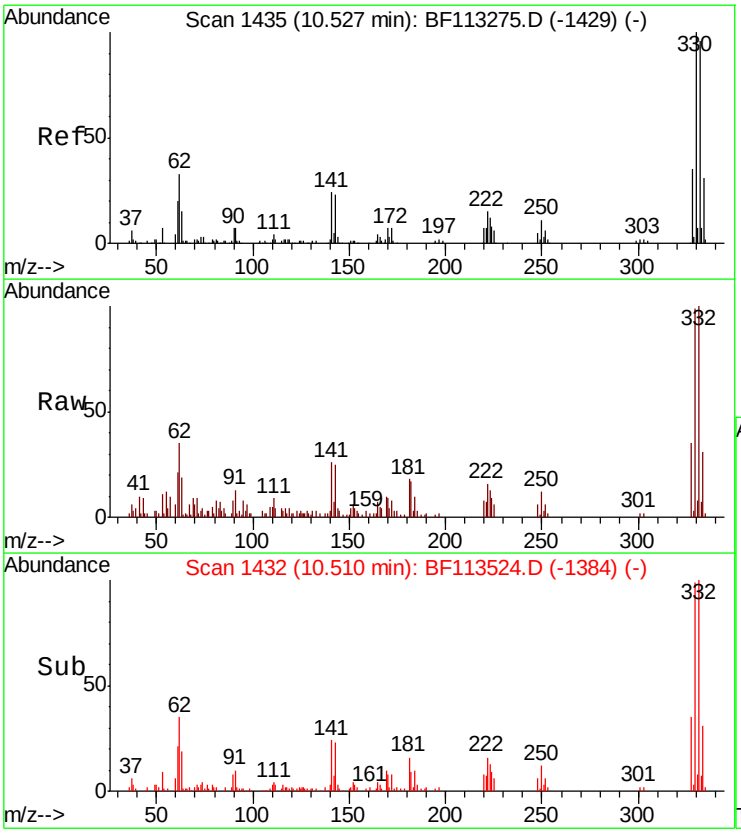
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:164 Resp: 192214

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.8	122.6
160	44.4	36.4	54.6

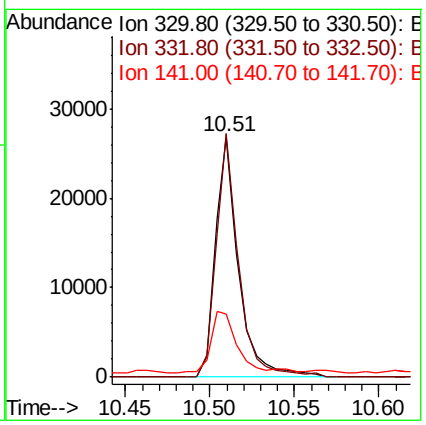


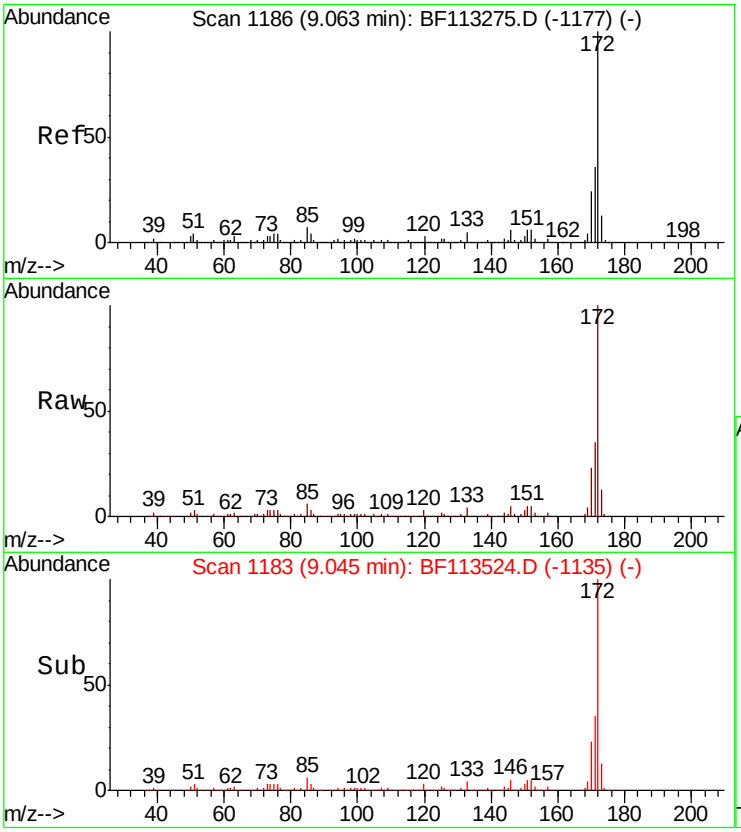


#42
2,4,6-Tribromophenol
Concen: 10.786 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:330 Resp: 25609

Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.8	116.6
141	29.0	22.7	34.1



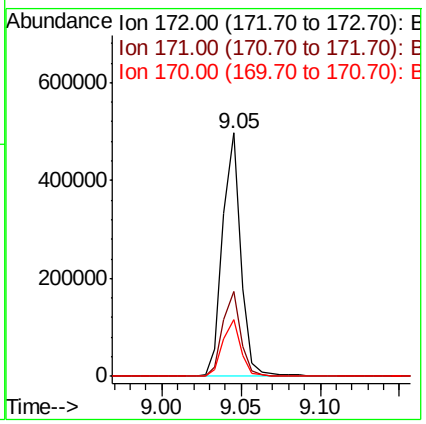


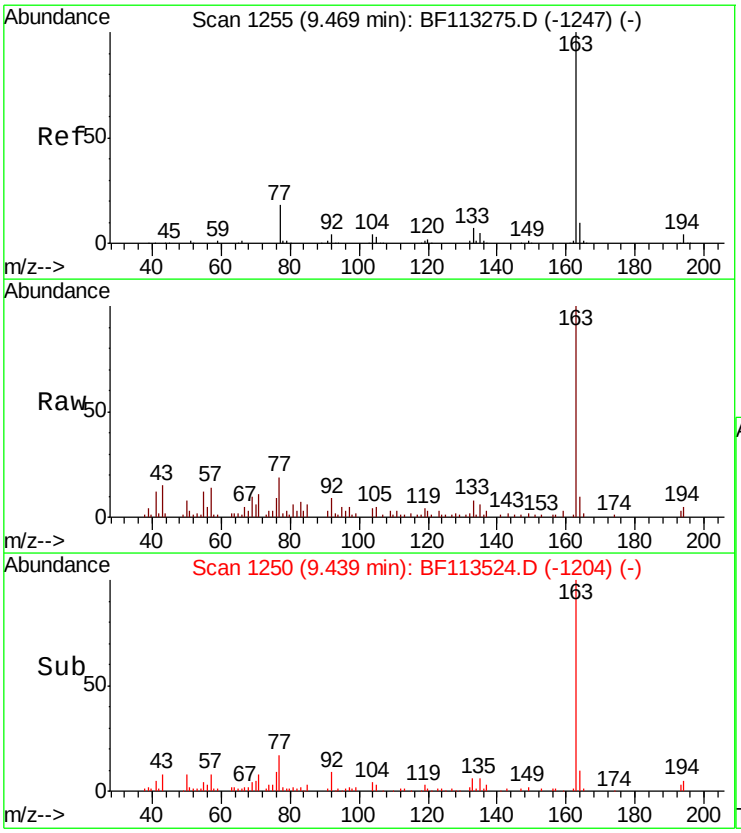
#45
2-Fluorobiphenyl
Concen: 18.665 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:172 Resp: 397695

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.5	19.5	29.3

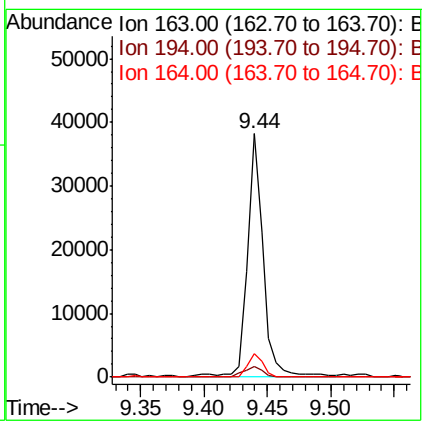


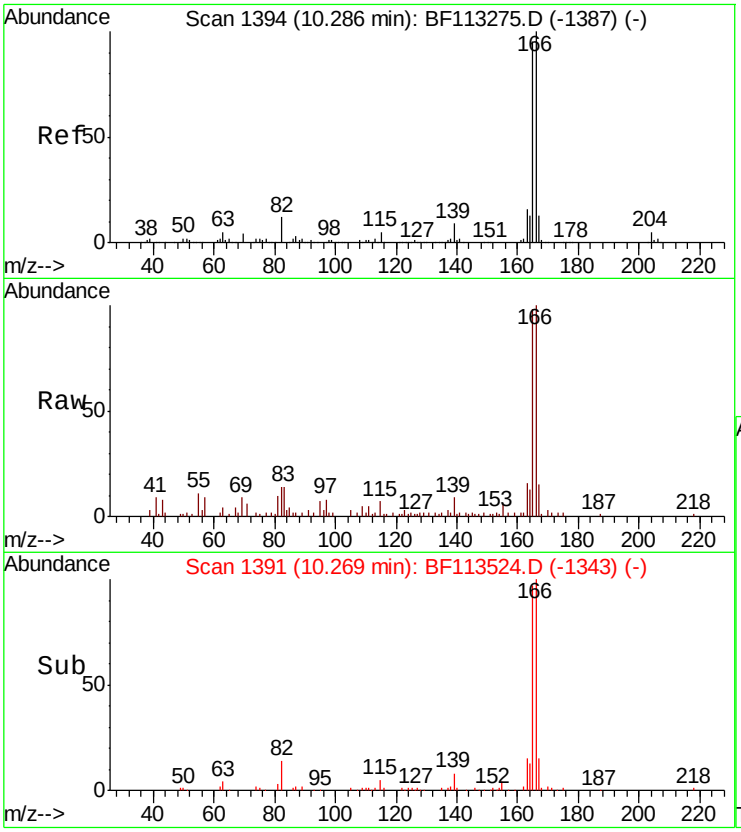


#50
Dimethylphthalate
Concen: 2.331 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.03 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:163 Resp: 33198

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.0	4.6
164	9.6	8.1	12.1



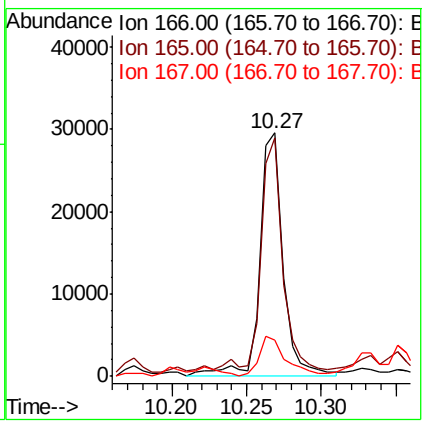


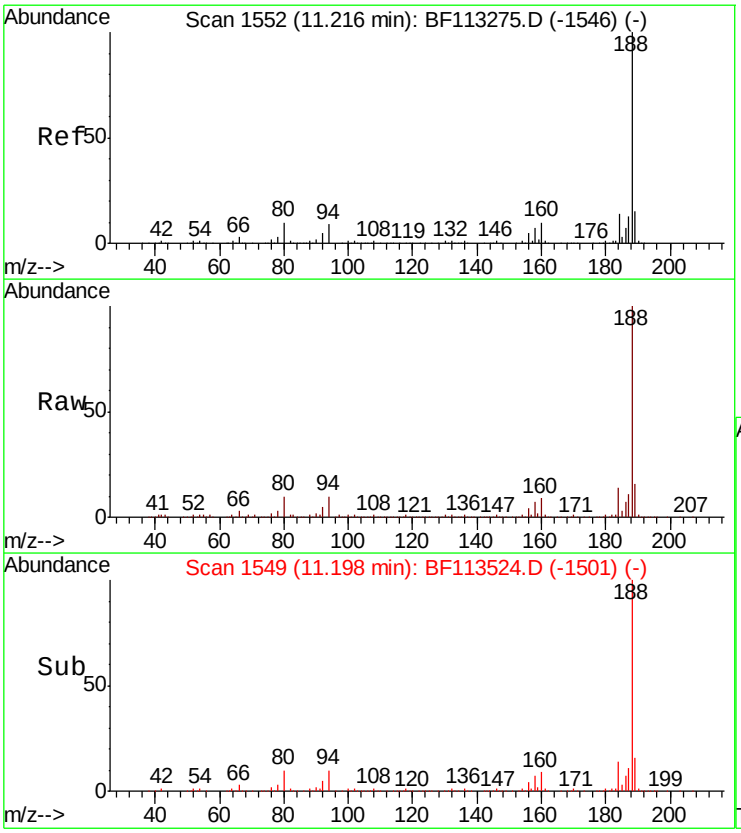
#58
Fluorene
Concen: 2.424 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:166 Resp: 31866

Ion	Ratio	Lower	Upper
166	100		
165	97.8	76.2	114.2
167	15.1	10.7	16.1

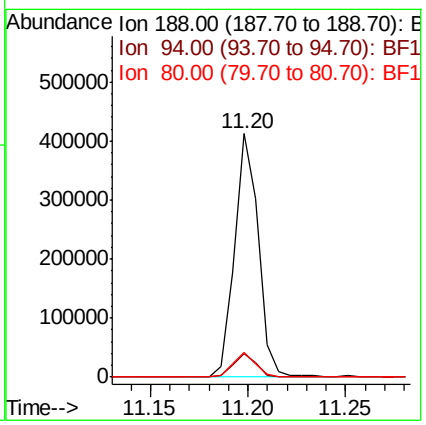


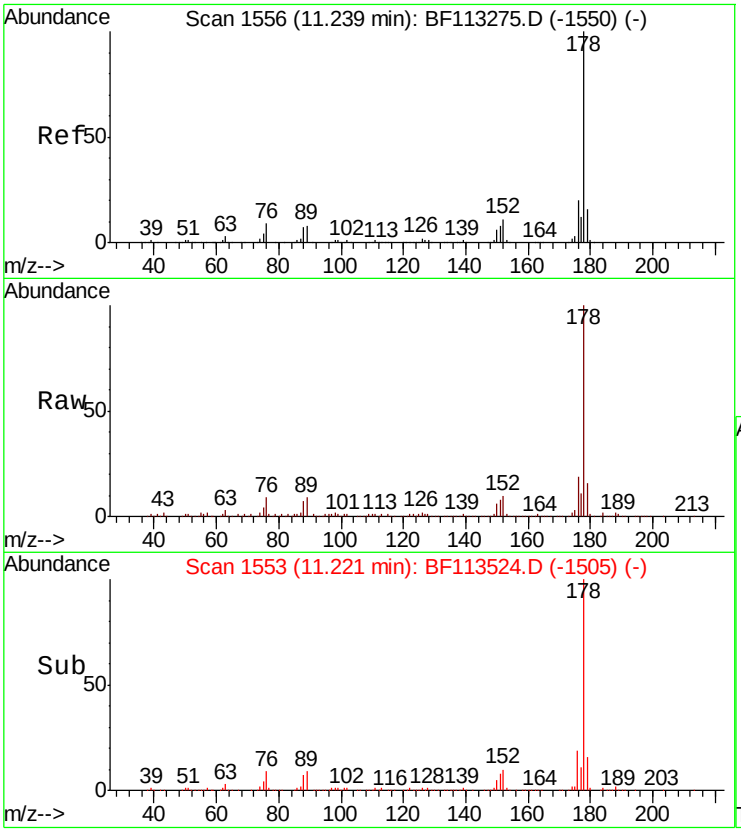


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:188 Resp: 348294

Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.0	10.6
80	10.3	7.7	11.5



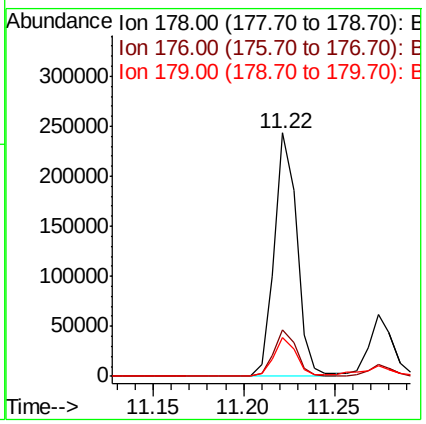


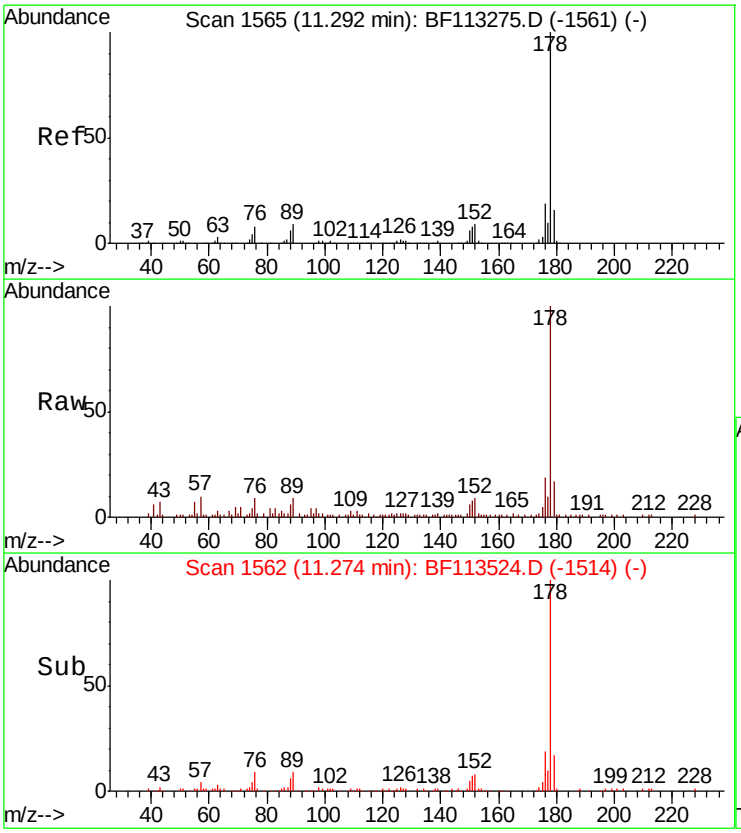
#71
Phenanthrene
Concen: 12.222 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:178 Resp: 211401

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.2
179	15.9	12.7	19.1

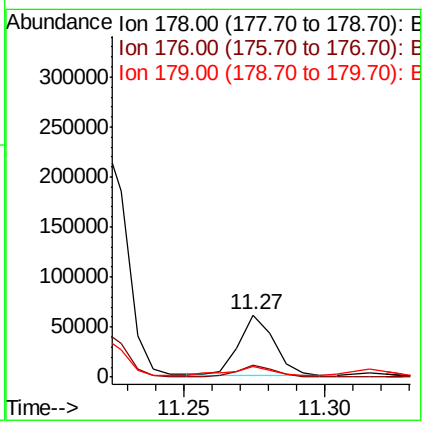


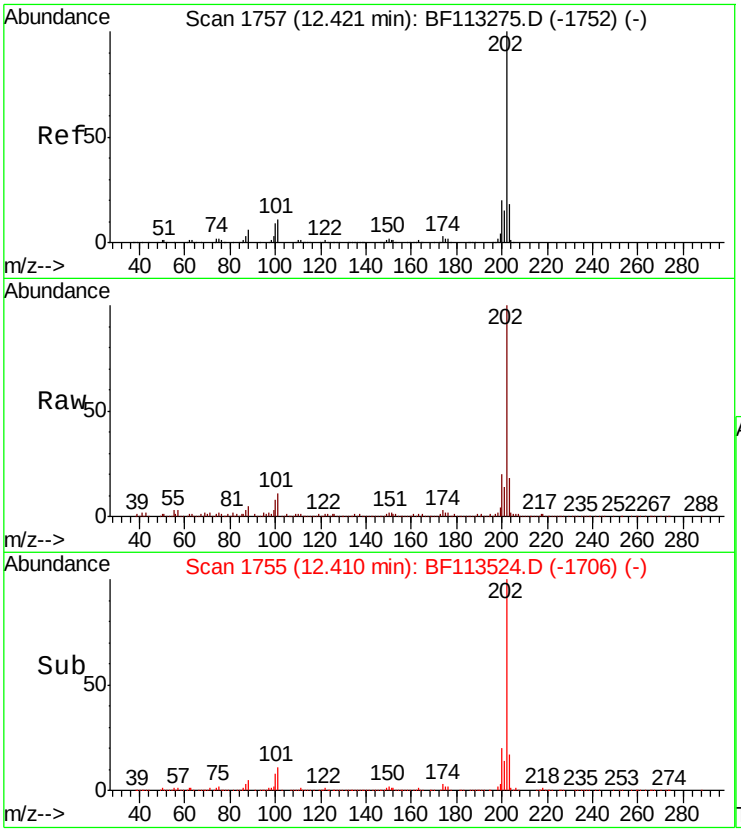


#72
Anthracene
Concen: 2.965 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:178 Resp: 52095

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	17.0	12.8	19.2



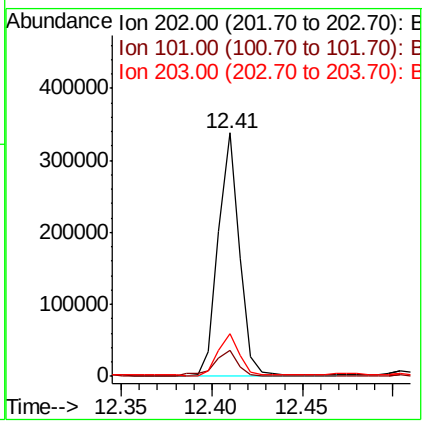


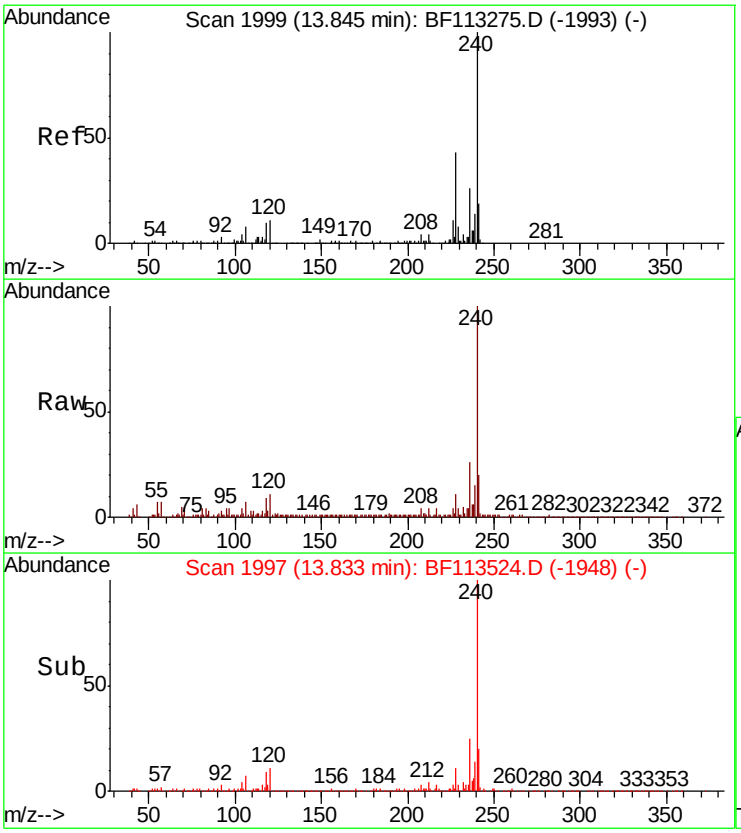
#75
Fluoranthene
Concen: 14.103 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:202 Resp: 275767

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.7	0.0	38.0

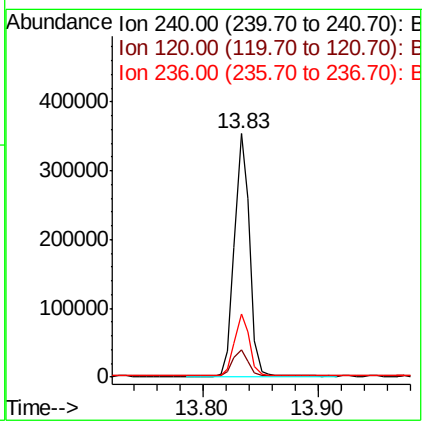


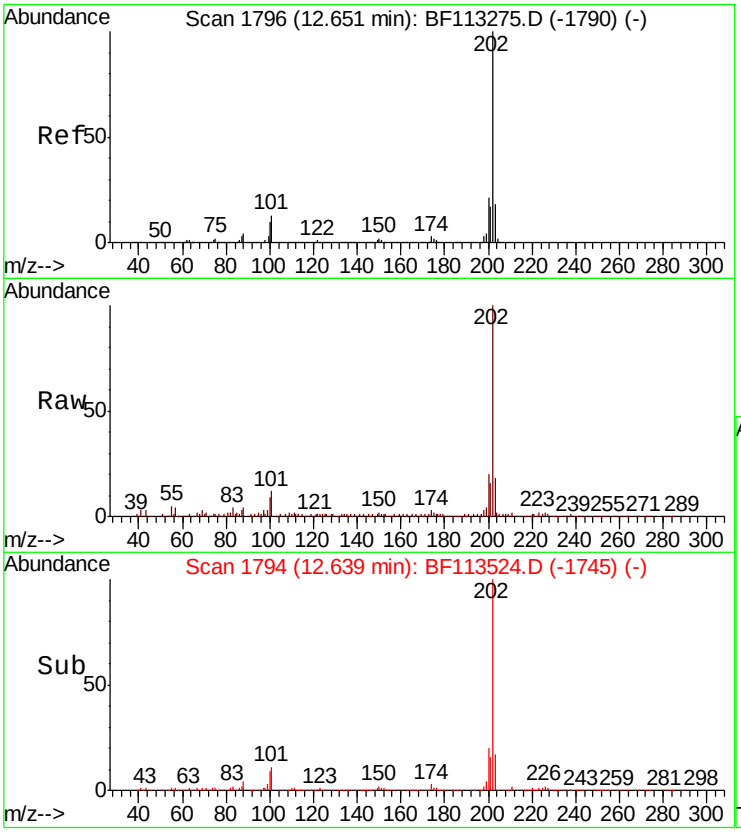


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:240 Resp: 321076

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.8	13.2
236	25.7	20.9	31.3



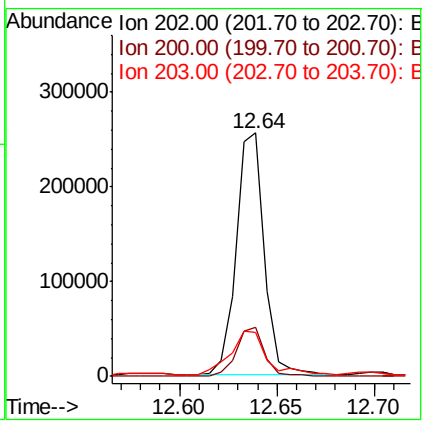


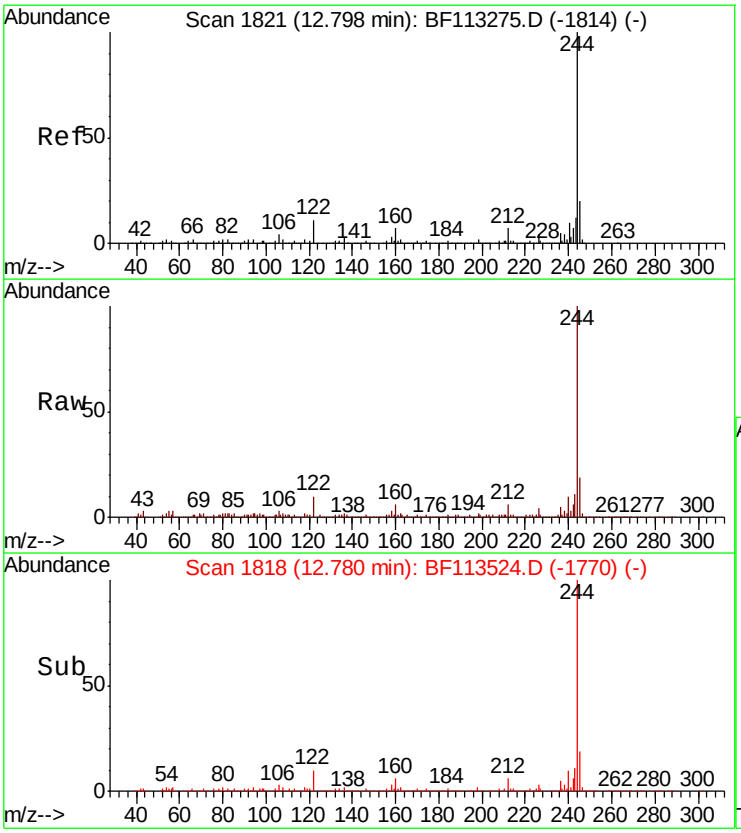
#78
Pyrene
Concen: 11.471 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:202 Resp: 255229

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	18.1	14.4	21.6

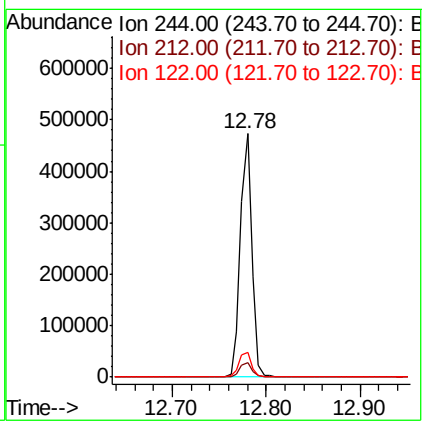


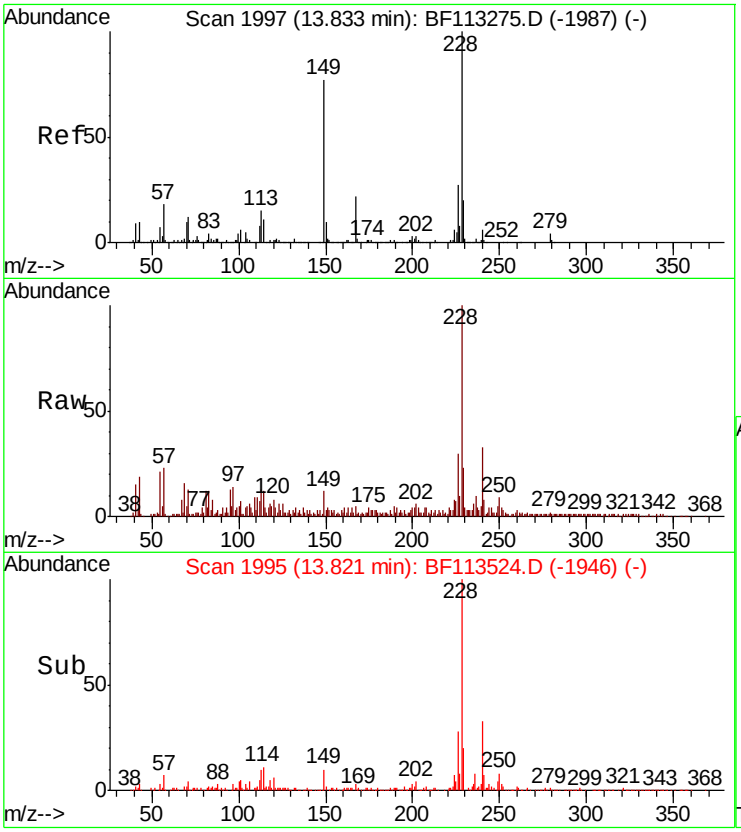


#79
Terphenyl-d14
Concen: 27.827 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:244 Resp: 405348

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.5	8.3
122	10.1	8.6	13.0



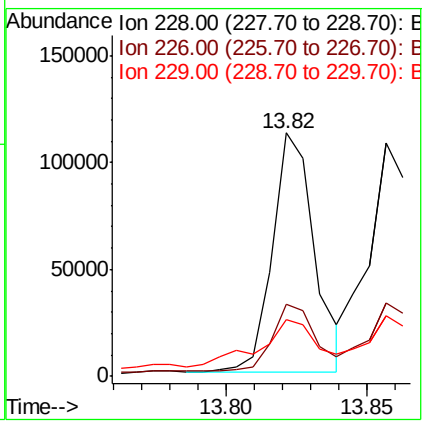


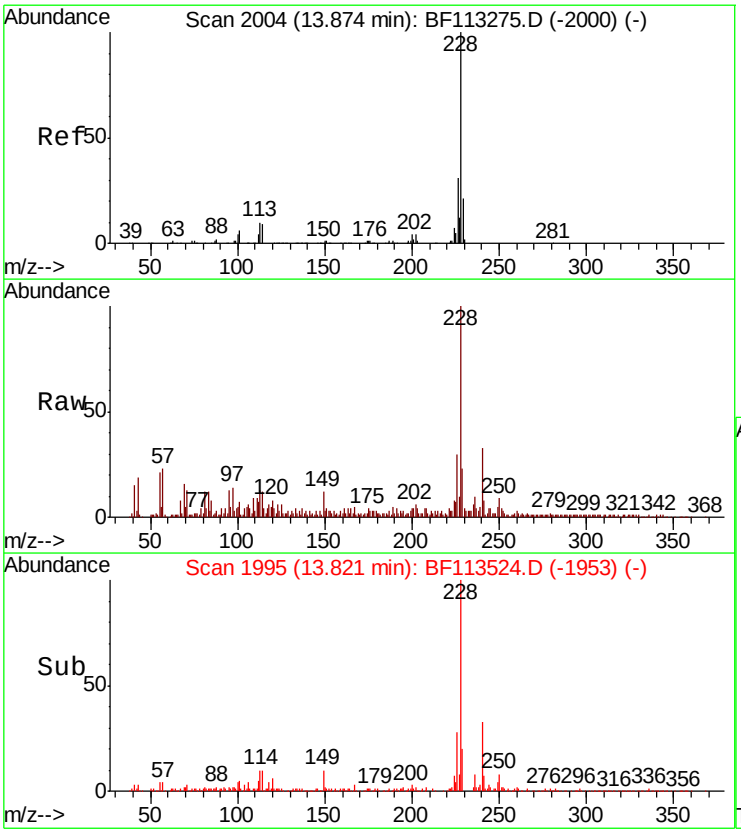
#81
Benzo(a)anthracene
Concen: 6.288 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:228 Resp: 115574

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.8	32.8
229	23.4	16.2	24.4

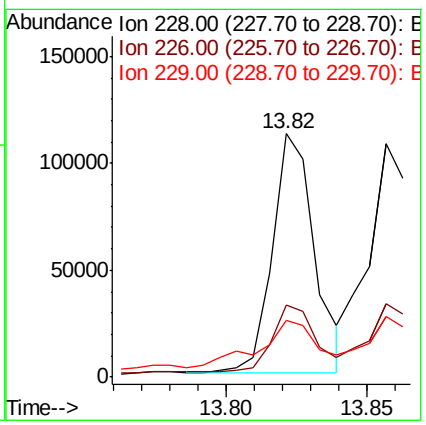


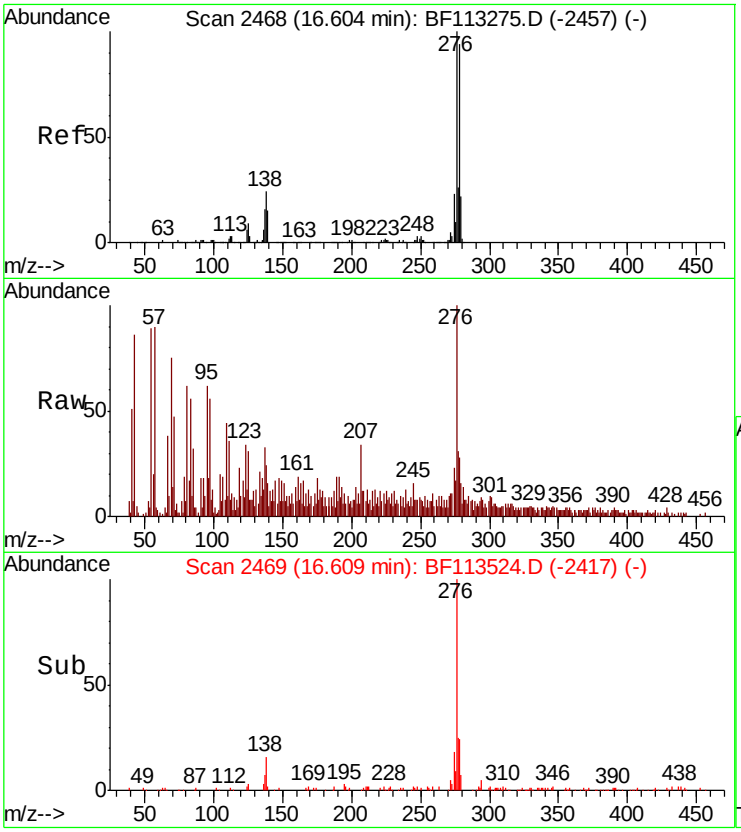


#83
Chrysene
Concen: 6.191 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.05 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:228 Resp: 115574

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	23.4	16.3	24.5



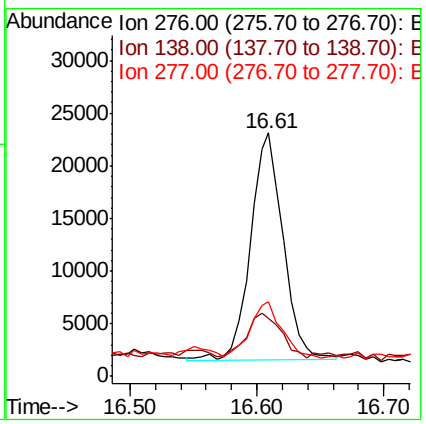


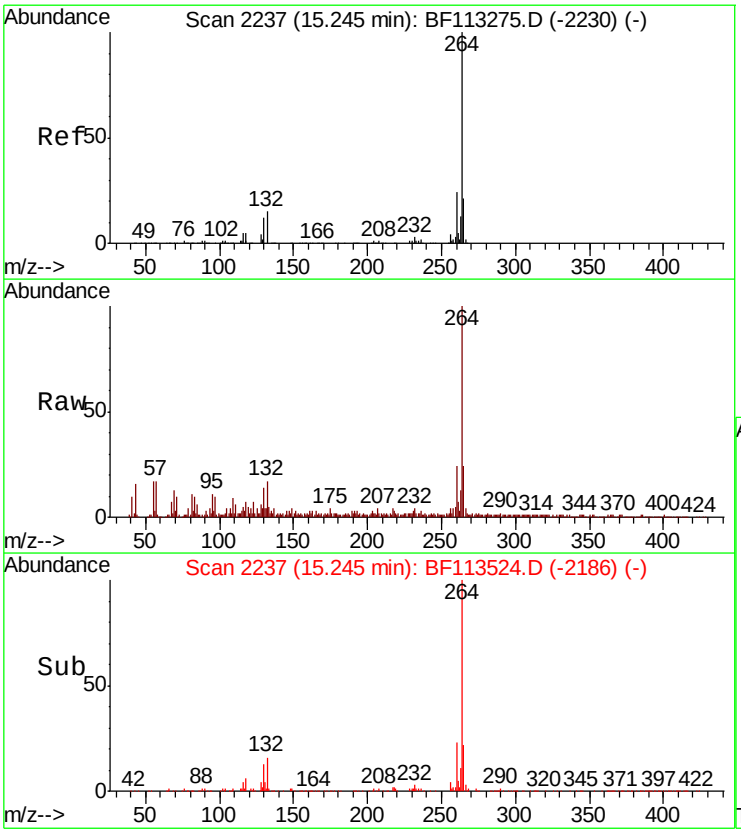
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.412 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:276 Resp: 38645

Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.1	27.1
277	24.7	20.2	30.4

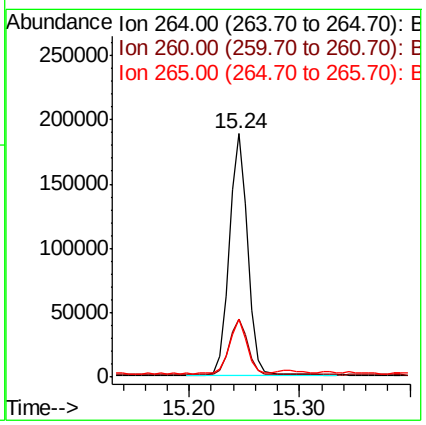


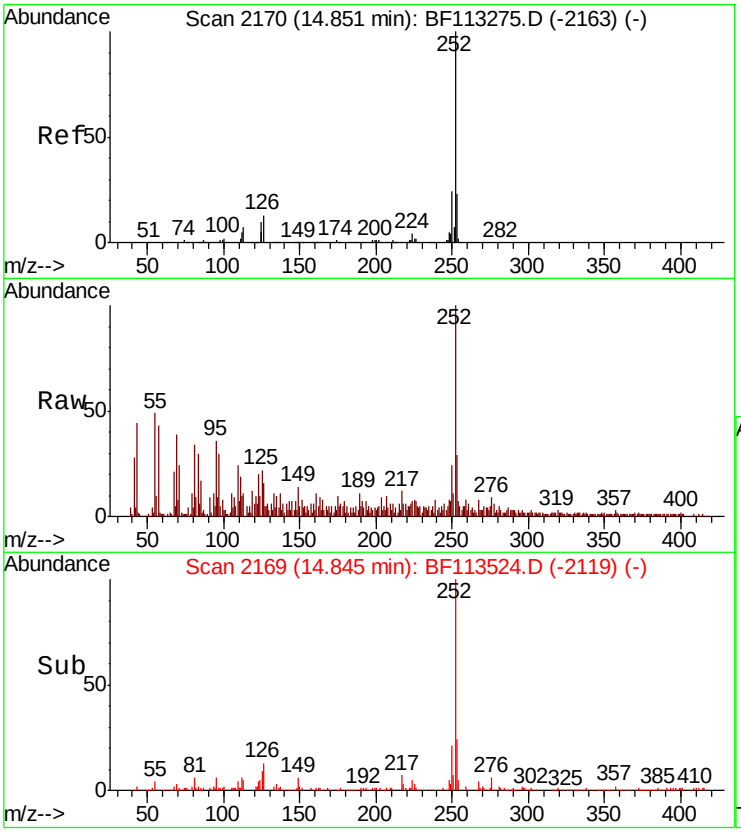


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:264 Resp: 217460

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	23.6	17.1	25.7



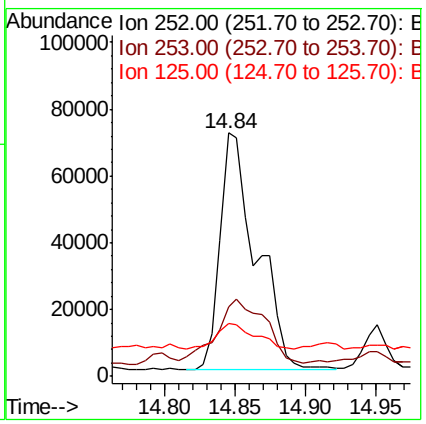


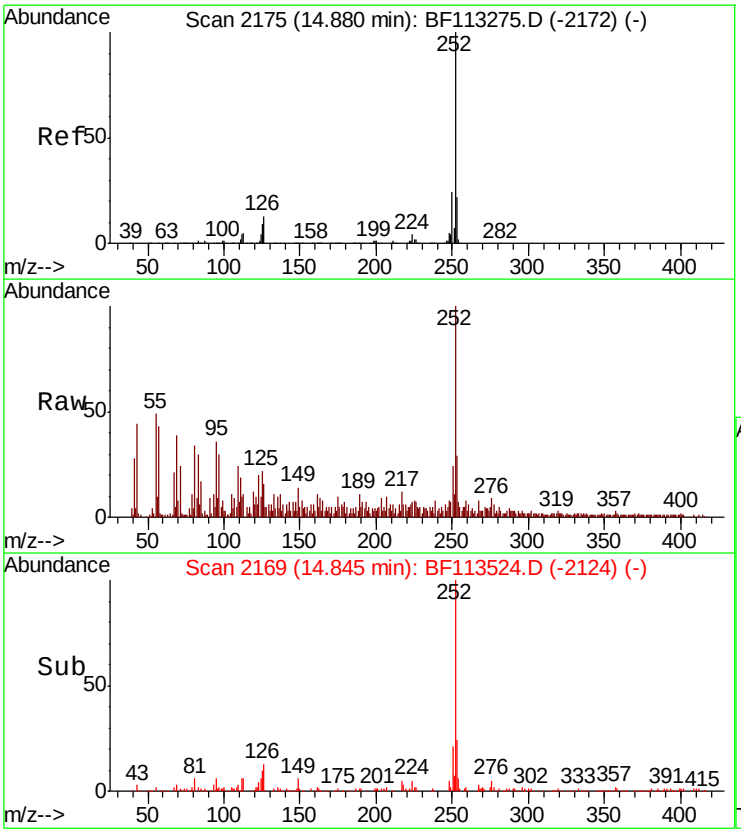
#88
Benzo(b)fluoranthene
Concen: 9.507 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:252 Resp: 128422

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.0	27.0#
125	21.8	7.6	11.4#

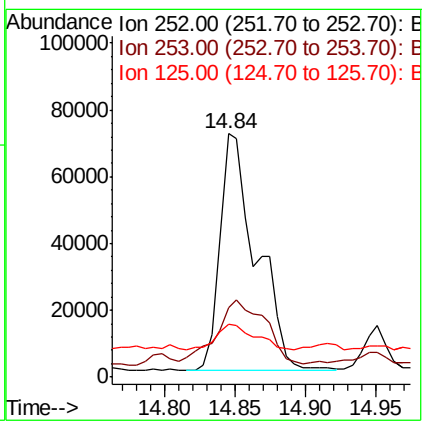


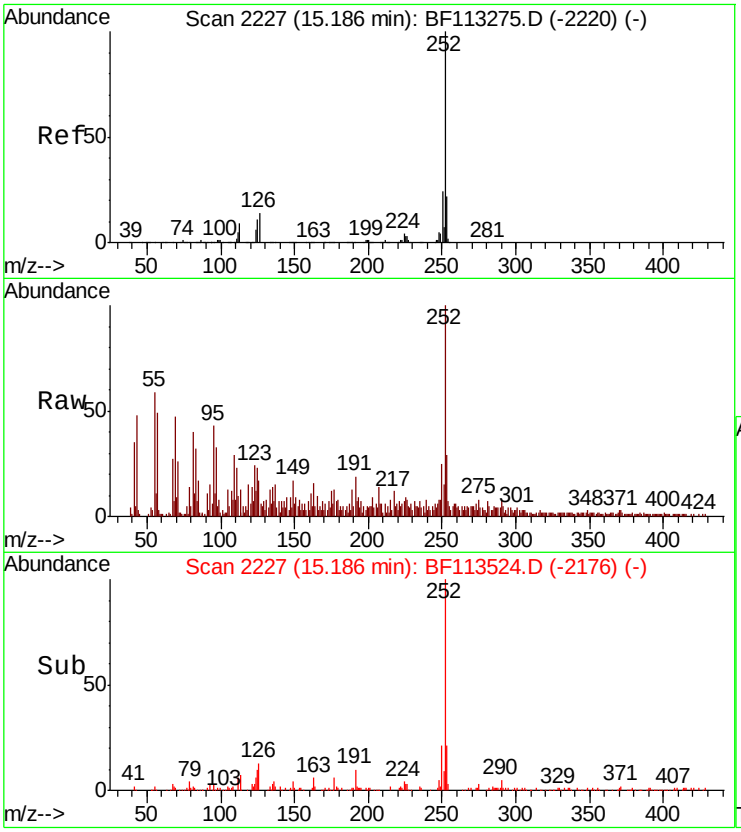


#89
Benzo(k)fluoranthene
Concen: 10.825 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:252 Resp: 128422

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.7	26.5#
125	21.8	7.3	10.9#



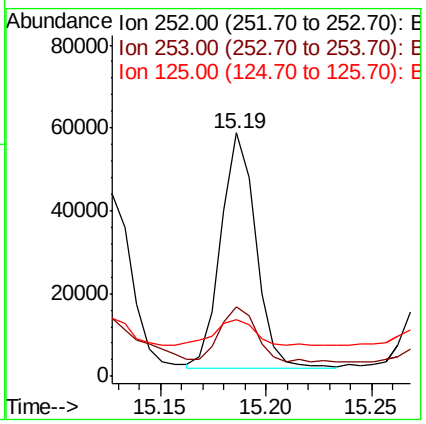


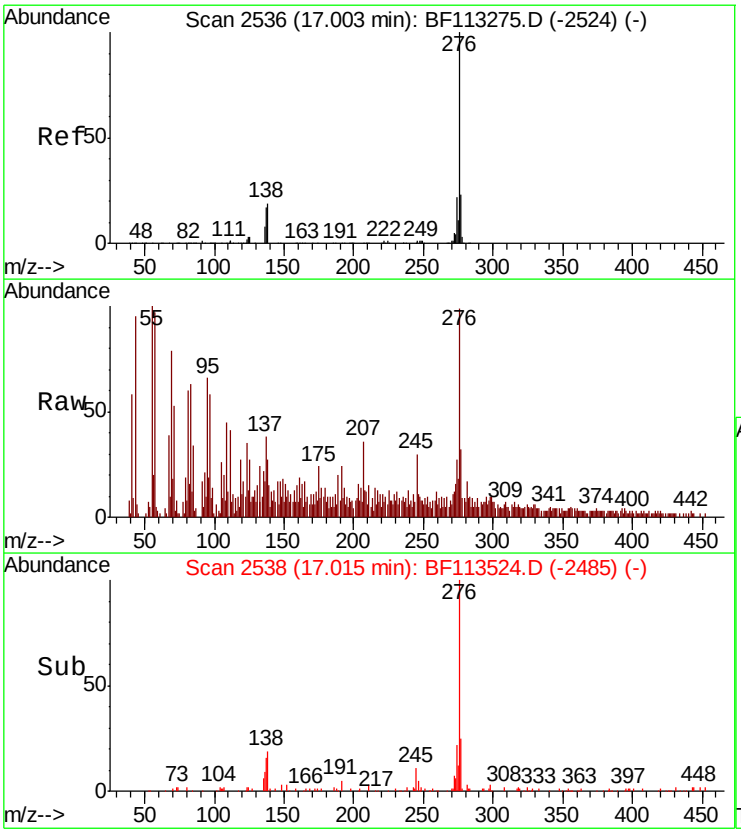
#90
Benzo(a)pyrene
Concen: 5.421 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Instrument :
BNA_F
ClientSampleId :
FK-0D015-03-001

Tgt Ion:252 Resp: 64918

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.9	26.9#
125	23.3	8.8	13.2#





#92
Benzo(g,h,i)perylene
Concen: 3.695 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF113524.D
Acq: 3 Apr 2019 00:10

Tgt Ion:276 Resp: 38576

Ion	Ratio	Lower	Upper
276	100		
277	32.4	18.8	28.2#
138	27.7	15.6	23.4#