Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

Quantitation Report (Not Reviewed)

Data File : BF114758.D
Acq On : 1 Jun 2019 15:45
Operator : HP/JU
Sample : K3105-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : APPLE-TRACK

Quant Time: Jun 03 01:40:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	392255	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1465105	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	700122	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1254520	20.00	ng	0.00
76) Chrysene-d12	13.82	240	750307	20.00	ng	0.00
87) Perylene-d12	15.21	264	1002827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2049163	91.72	ng	0.01
7) Phenol-d6	6.33	99	2501478	92.91	ng	0.00
23) Nitrobenzene-d5	7.25	82	1513843	64.46	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	597082	89.50	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2193786	52.80	ng	0.00
79) Terphenyl-d14	12.77	244	1734924	43.47	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.23	77	2764	Below Cal	#	86
19) n-Nitroso-di-n-propylamine	7.25	70	203893	10.972	ng #	76
25) Isophorone	7.25	82	1468260	31.155	ng #	63
50) Dimethylphthalate	9.44	163	466643	9.565	ng	99
52) Acenaphthene	9.75	154	91232	2.259	ng	95
61) 4-Chlorophenyl-phenylether	10.09	204	255	Below Cal	#	1
67) 4-Bromophenyl-phenylether	10.50	248	38732	2.879	ng #	1
69) Atrazine	10.97	200	115	Below Cal	#	1
71) Phenanthrene	11.22	178	3003557	46.934	ng	98
72) Anthracene	11.27	178	808608	12.484	ng	97
74) Di-n-butylphthalate	11.77	149	29952	Below Cal	#	64
75) Fluoranthene	12.41	202	4228819	63.817	ng	96
78) Pyrene	12.63	202	4241411	66.825	ng	96
81) Benzo(a)anthracene	13.81	228	2707432	46.956	ng	97
83) Chrysene	13.84	228	2374379	43.102	ng	98
86) Indeno(1,2,3-cd)pyrene	16.54	276	1427785	25.878	ng	95
88) Benzo(b)fluoranthene	14.83	252	4001172	63.348	ng	99
89) Benzo(k)fluoranthene	14.83	252	4001172	72.883	ng	99
90) Benzo(a)pyrene	15.16	252	2375472	42.811	ng	96
91) Dibenzo(a,h)anthracene	16.54	278	398106	8.119	ng	99
92) Benzo(g,h,i)perylene	16.93	276	1245703	26.177	ng	99

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

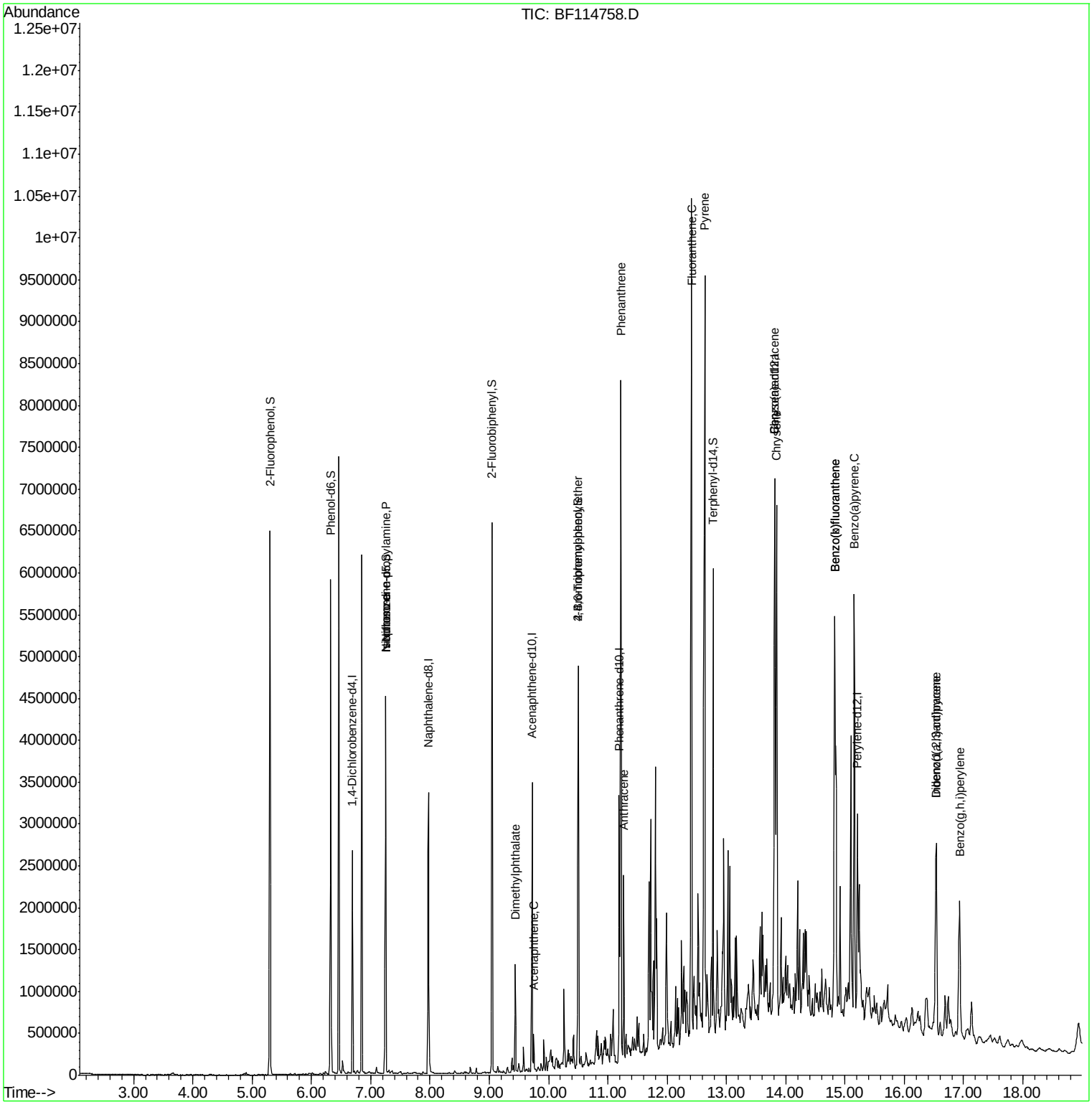
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060119\

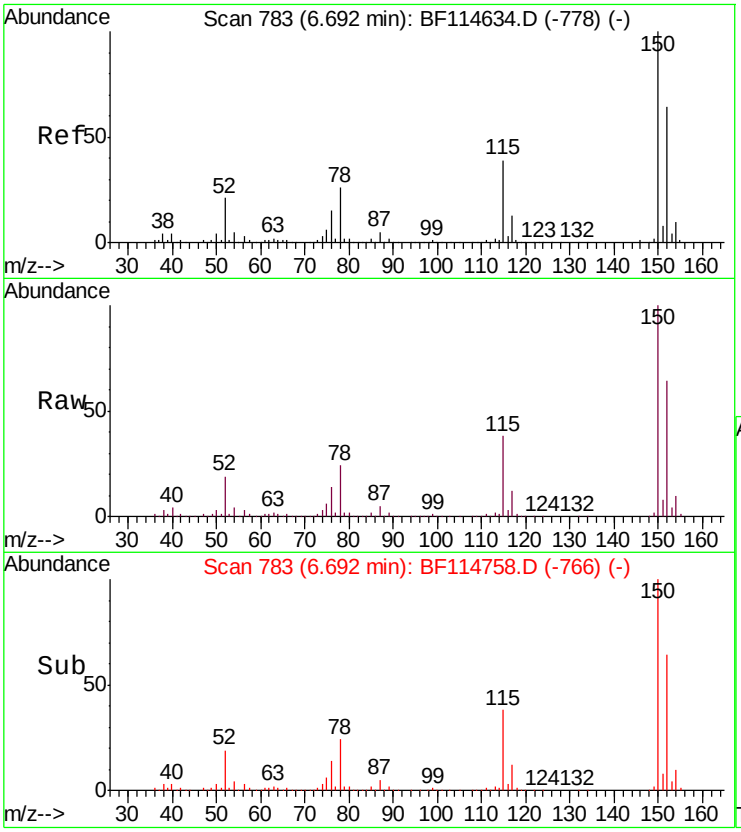
Quantitation Report (Not Reviewed)

Data File : BF114758.D
Acq On : 1 Jun 2019 15:45
Operator : HP/JU
Sample : K3105-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Quant Time: Jun 03 01:40:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



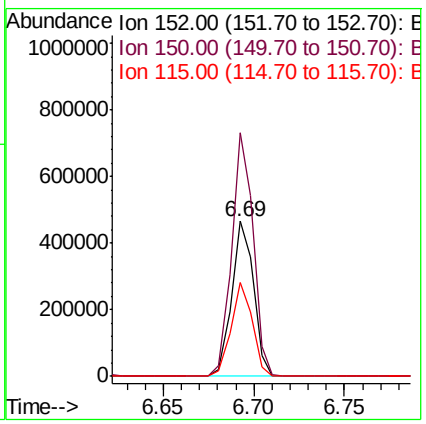


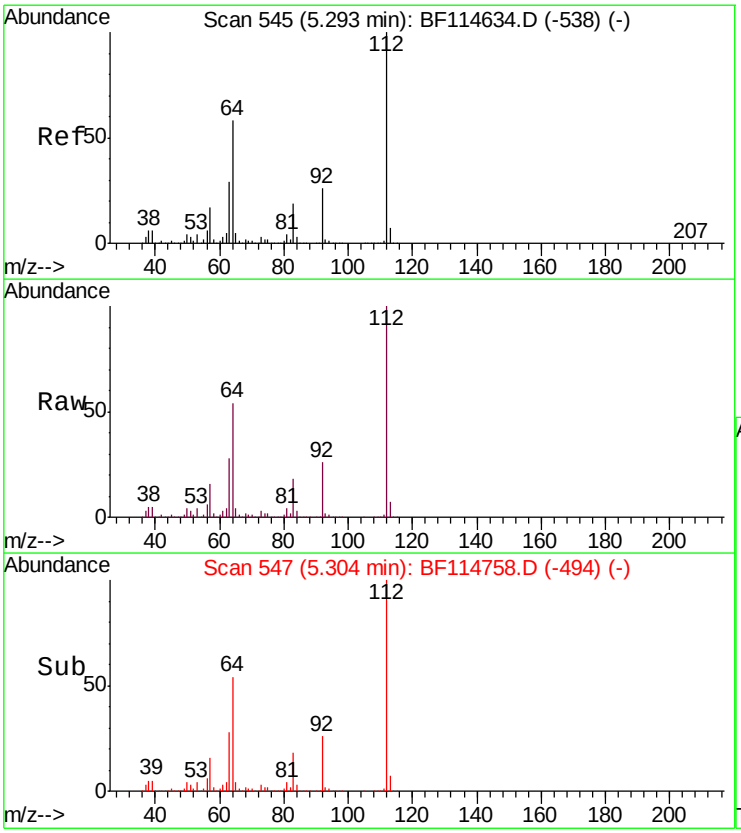
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:152 Resp: 392255

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	60.2	48.7	73.1

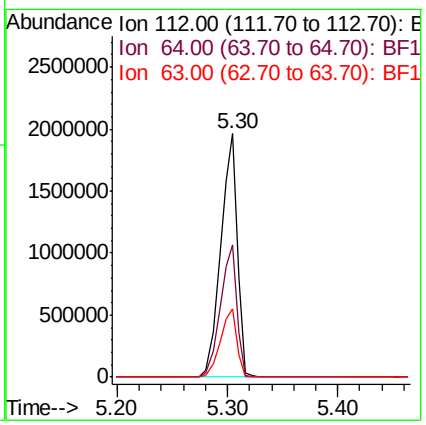


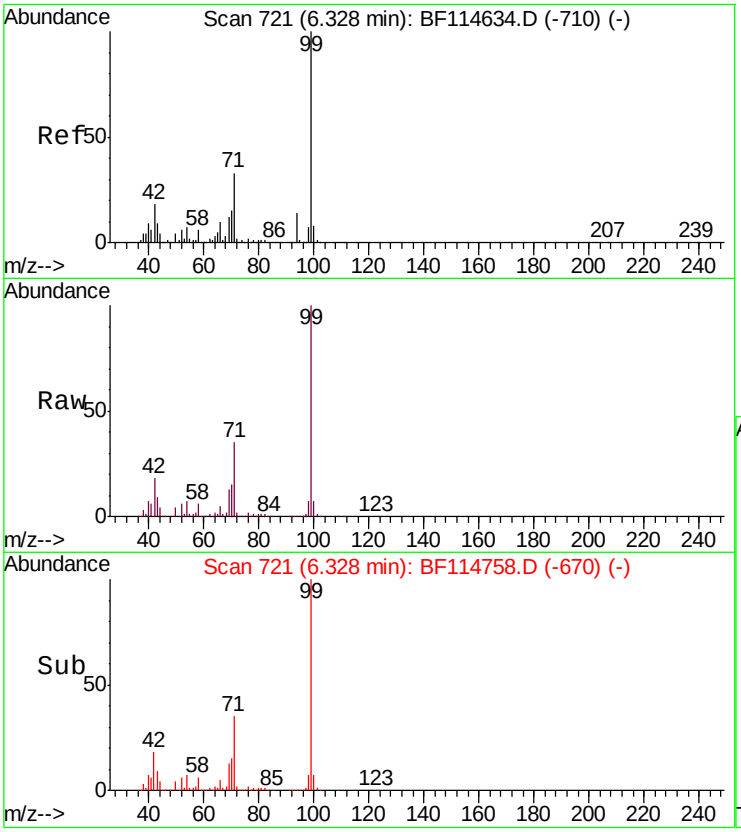


#5
2-Fluorophenol
Concen: 91.719 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:112 Resp: 2049163

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.1	69.1
63	28.1	23.4	35.2



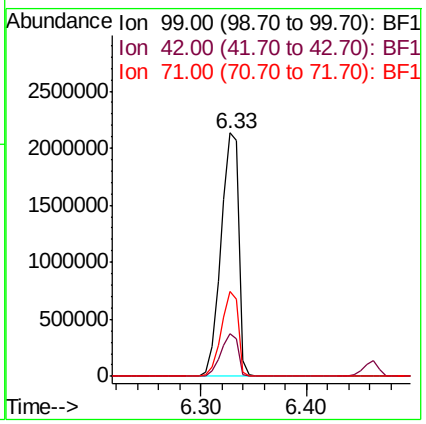


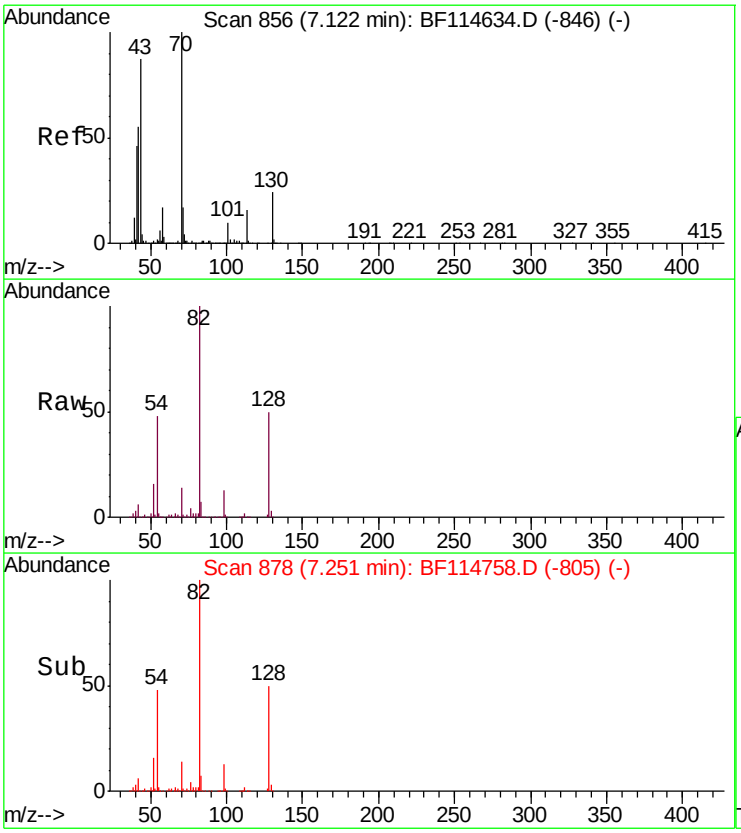
#7
Phenol-d6
Concen: 92.914 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion: 99 Resp: 2501478

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.7	22.1
71	34.6	26.6	40.0

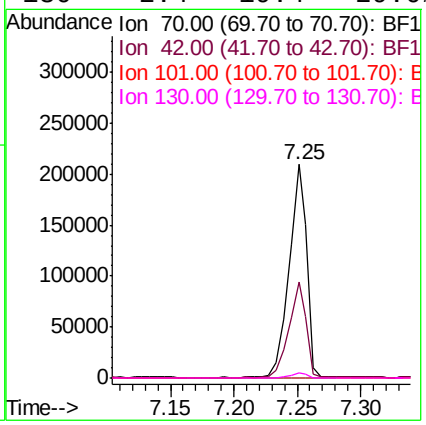


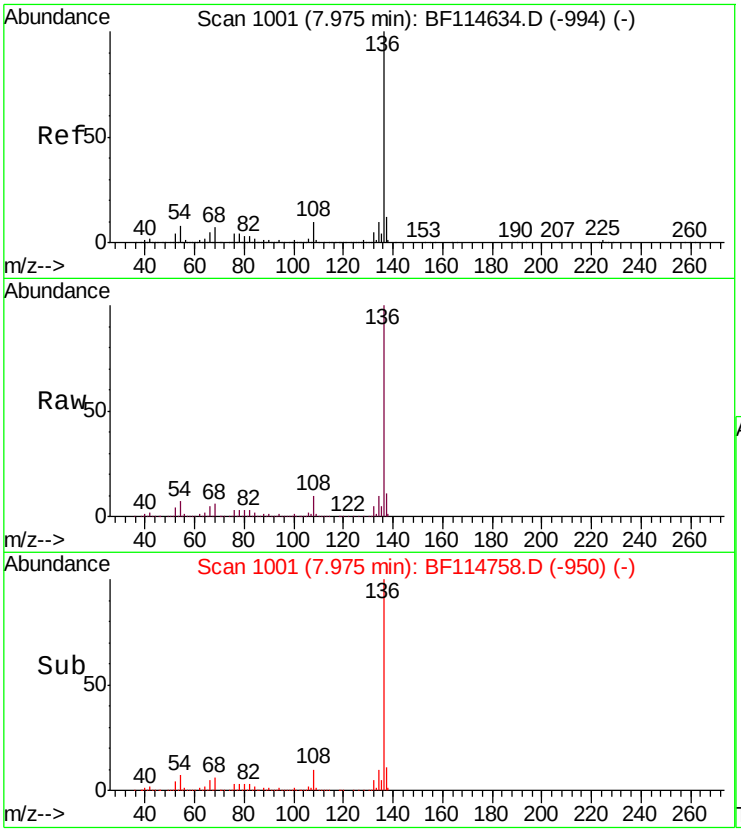


#19
n-Nitroso-di-n-propylamine
Concen: 10.972 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.13 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion: 70 Resp: 203893

Ion	Ratio	Lower	Upper
70	100		
42	44.8	44.4	66.6
101	0.0	8.2	12.4#
130	2.4	19.4	29.0#



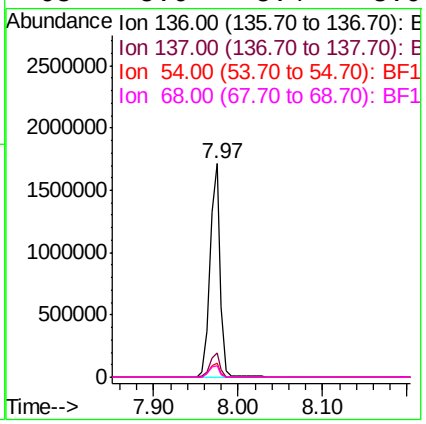


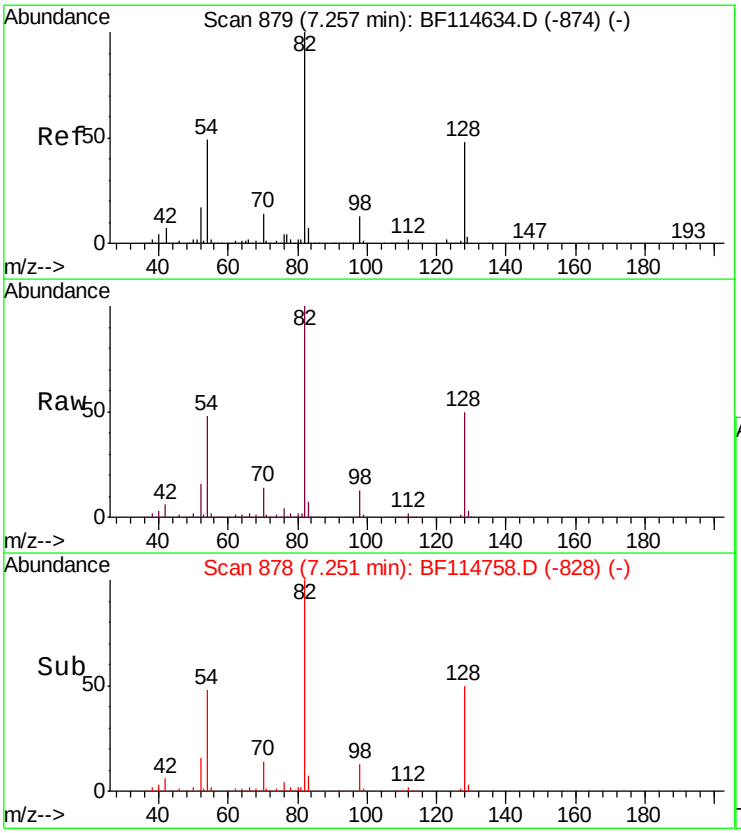
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:136 Resp: 1465105

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	6.5	6.3	9.5
68	5.6	5.4	8.0

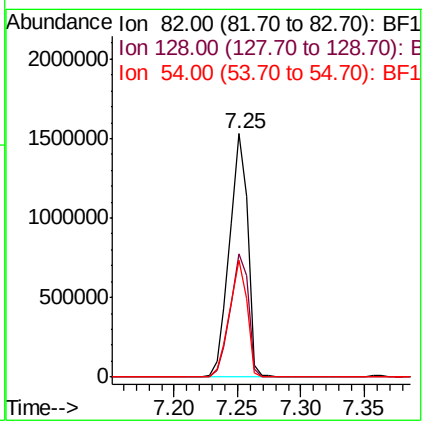


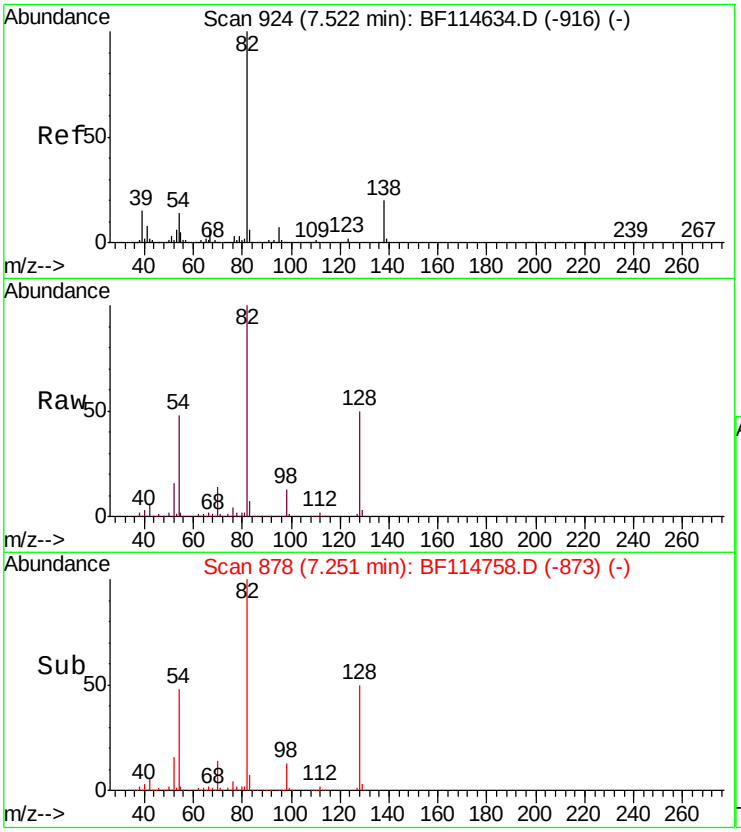


#23
Nitrobenzene-d5
Concen: 64.465 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion: 82 Resp: 1513843

Ion	Ratio	Lower	Upper
82	100		
128	50.4	38.5	57.7
54	48.1	39.1	58.7



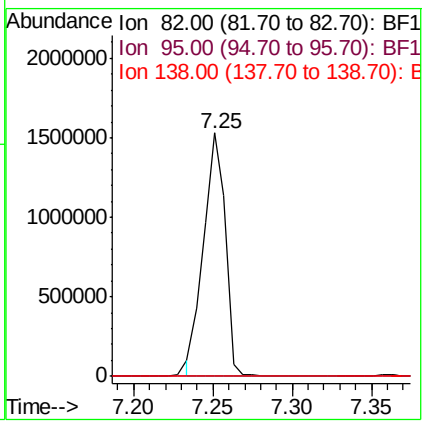


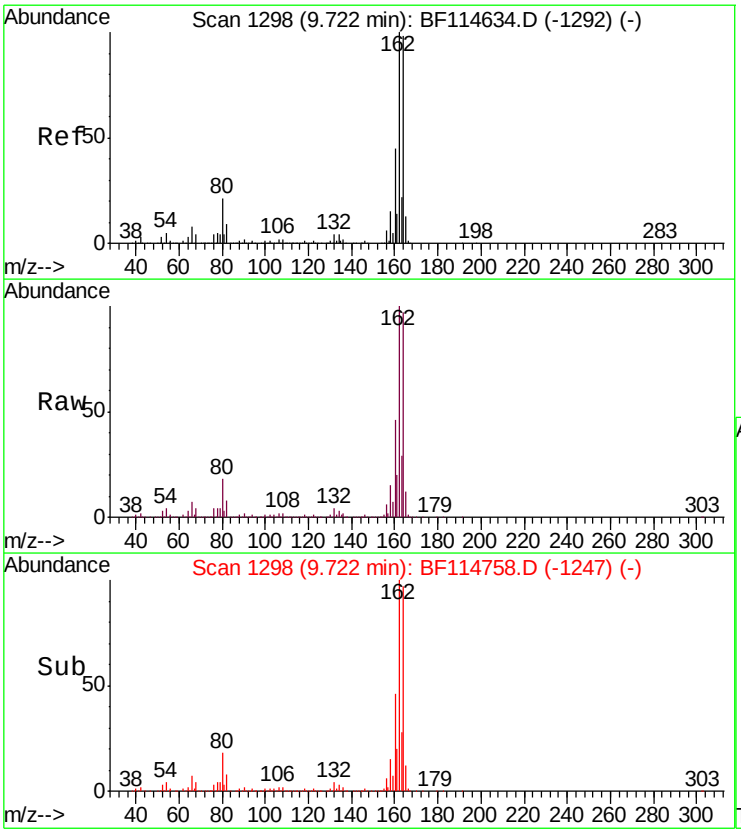
#25
Isophorone
Concen: 31.155 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion: 82 Resp: 1468260

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	15.9	23.9#

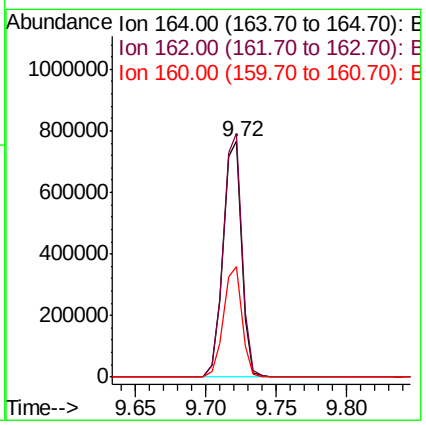


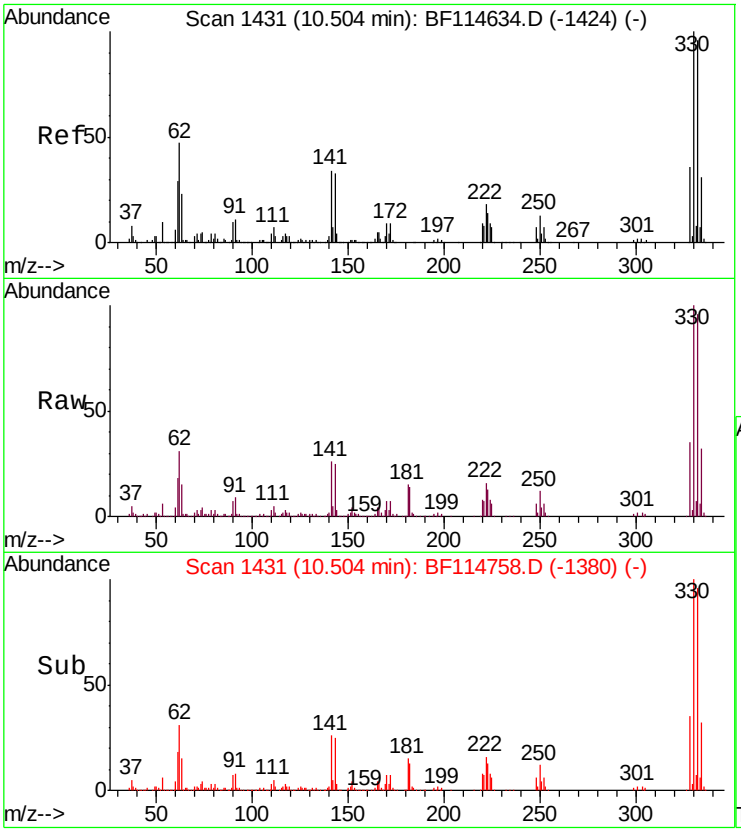


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:164 Resp: 700122

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.2
160	47.1	36.6	54.8



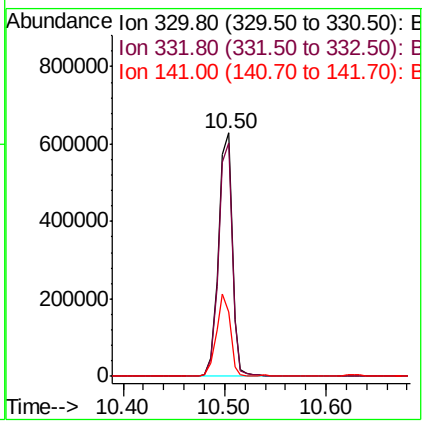


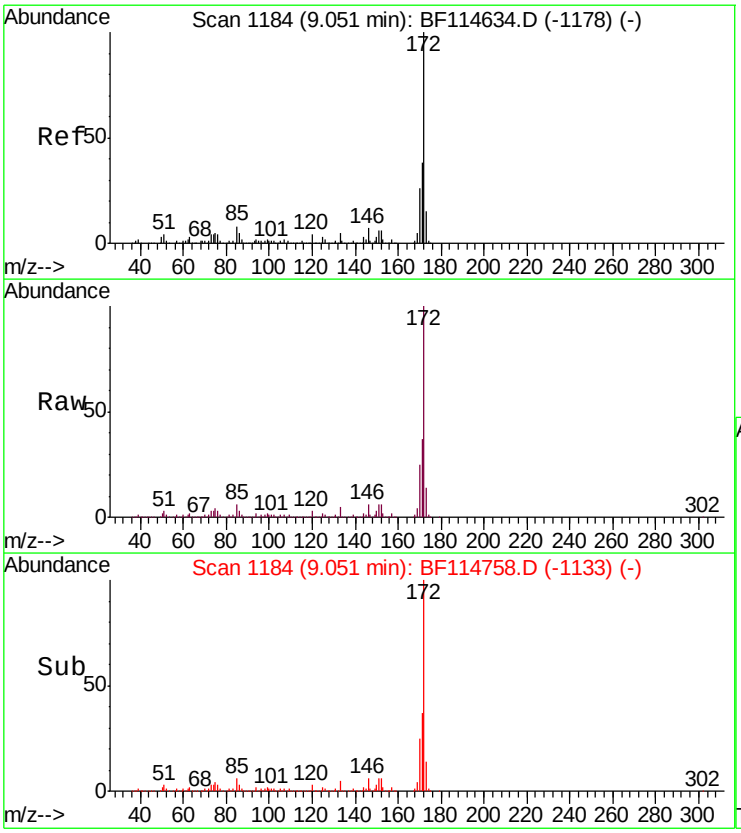
#42
2,4,6-Tribromophenol
Concen: 89.503 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:330 Resp: 597082

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.8	113.8
141	33.3	27.8	41.8

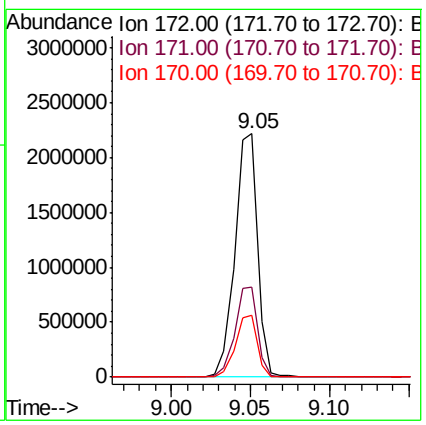


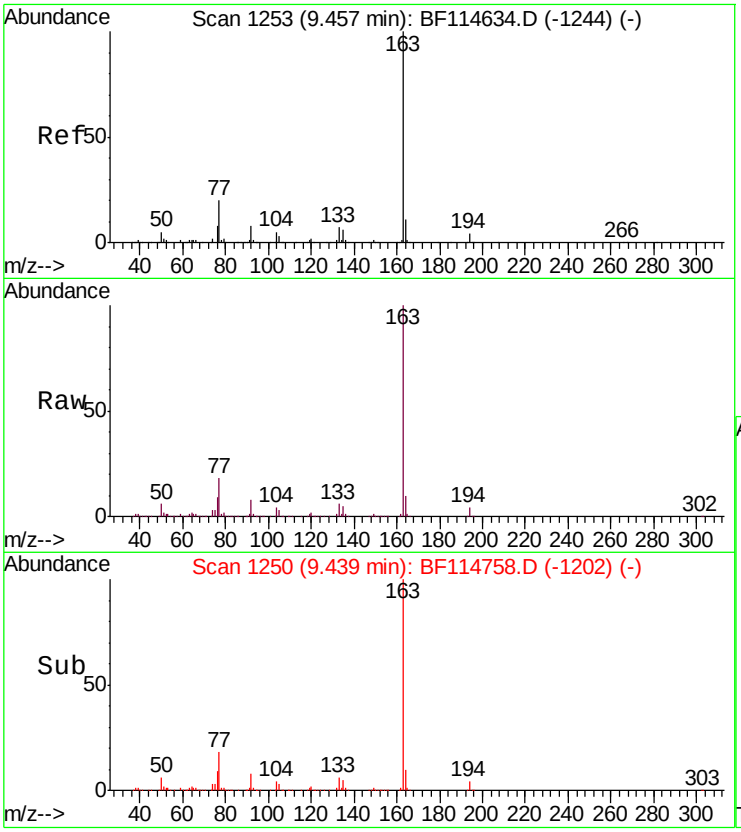


#45
2-Fluorobiphenyl
Concen: 52.799 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:172 Resp: 2193786

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	25.2	20.7	31.1



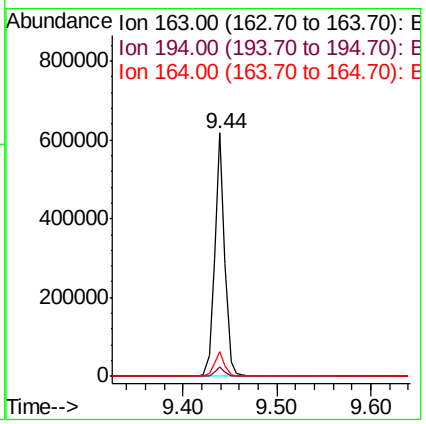


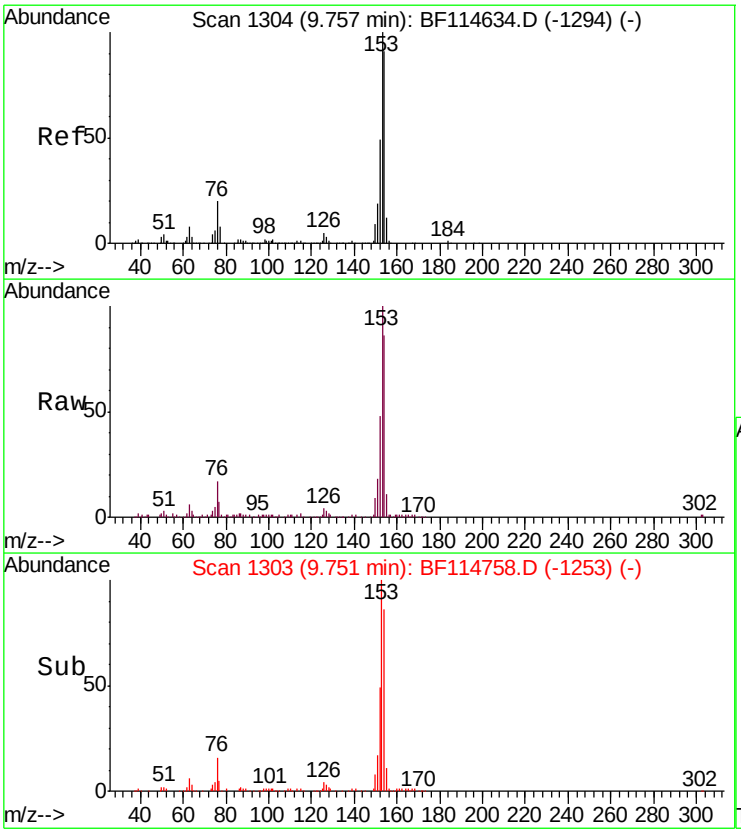
#50
Dimethylphthalate
Concen: 9.565 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:163 Resp: 466643

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	10.3	8.6	13.0

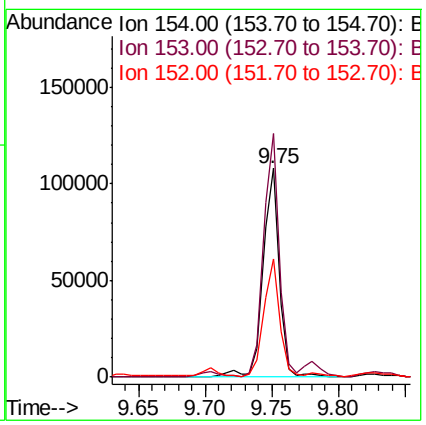


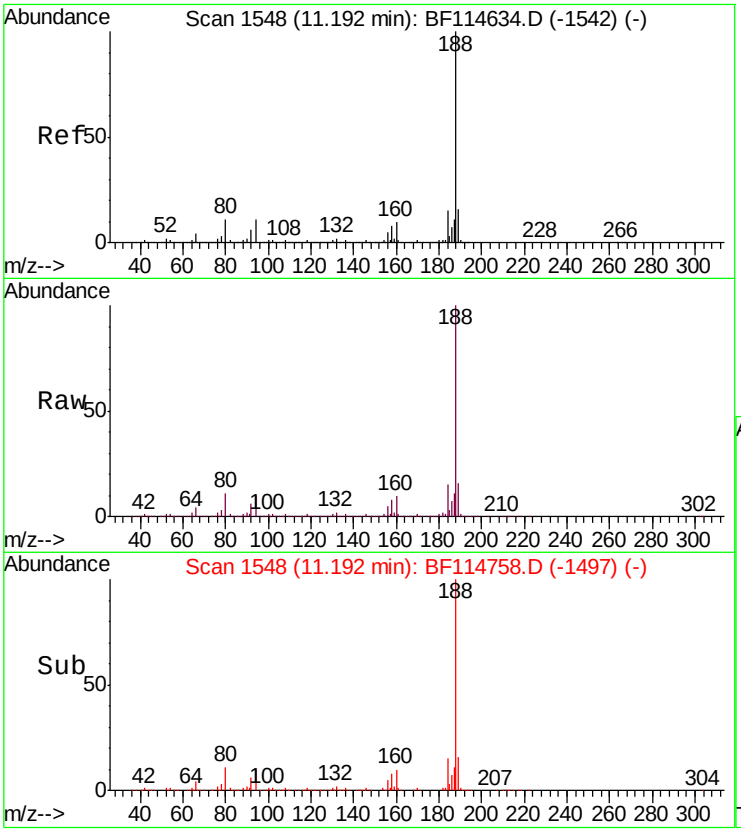


#52
Acenaphthene
Concen: 2.259 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:154 Resp: 91232

Ion	Ratio	Lower	Upper
154	100		
153	116.5	88.4	132.6
152	56.4	43.4	65.0



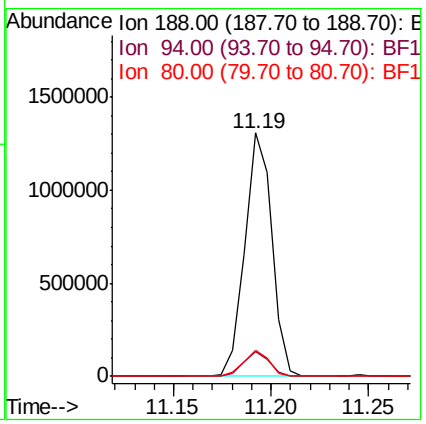


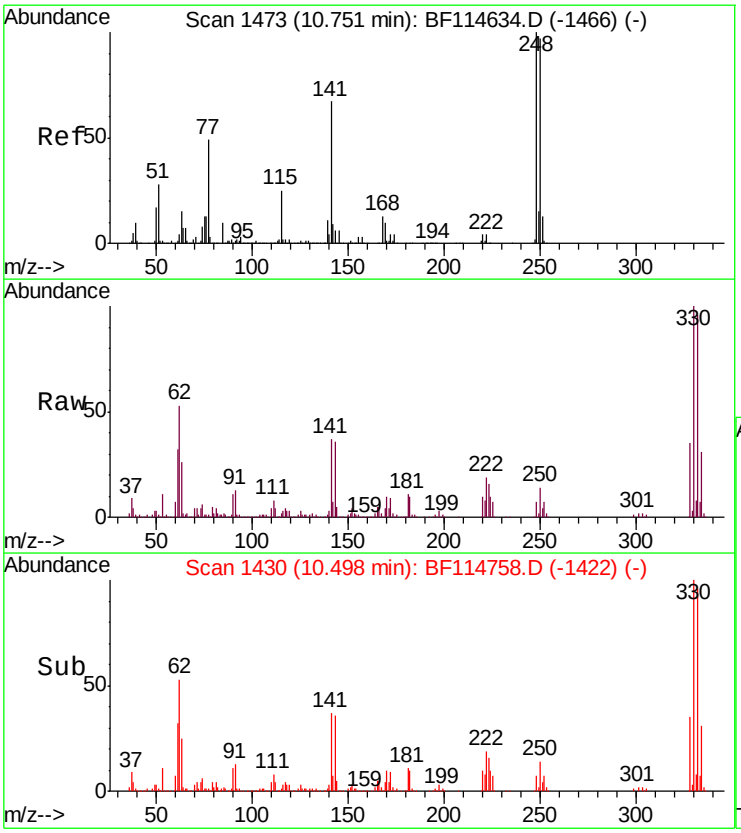
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:188 Resp: 1254520

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	13.0
80	10.6	9.0	13.6

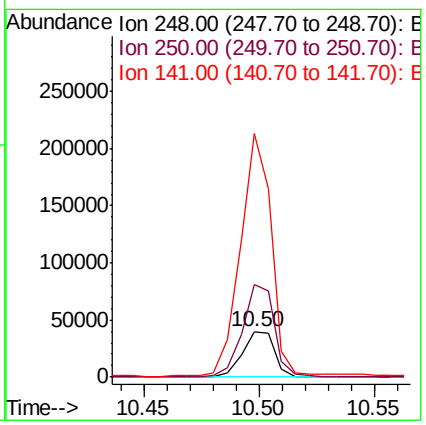


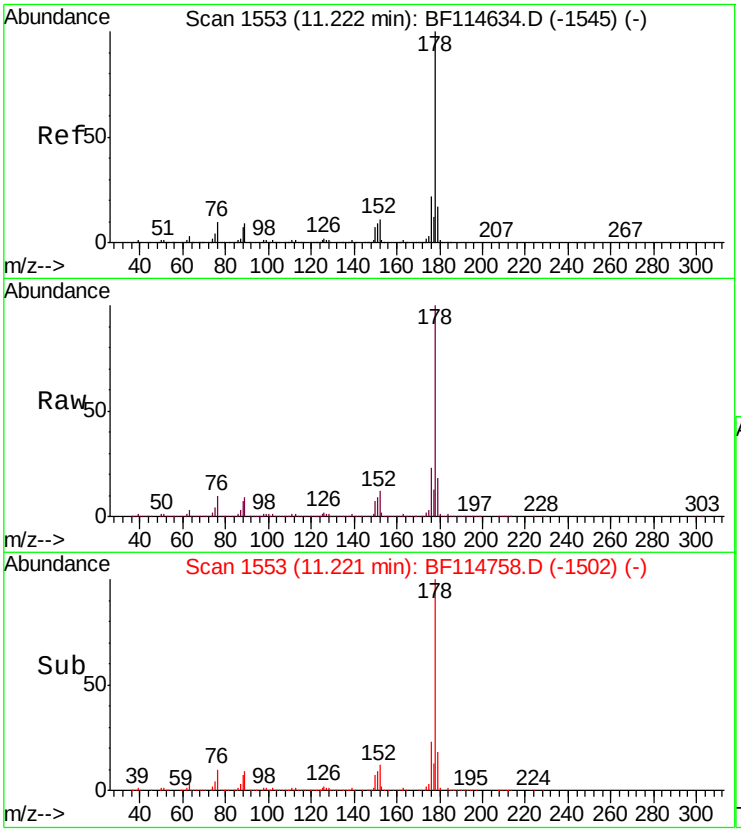


#67
4-Bromophenyl-phenylether
Concen: 2.879 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:248 Resp: 38732

Ion	Ratio	Lower	Upper
248	100		
250	201.9	78.0	117.0#
141	532.2	53.8	80.8#



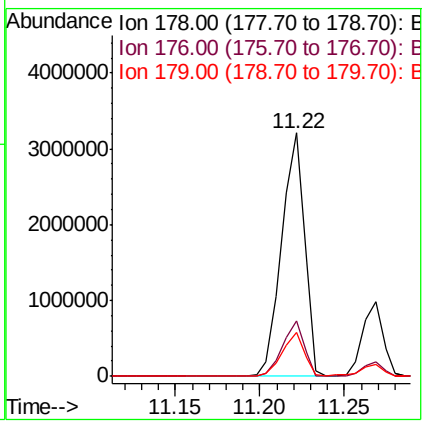


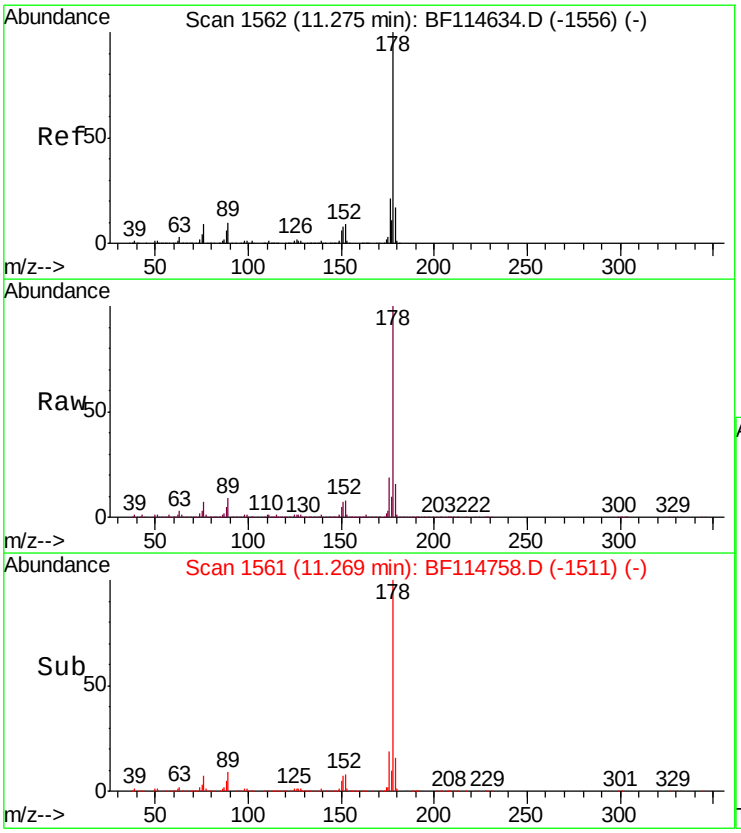
#71
Phenanthrene
Concen: 46.934 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:178 Resp: 3003557

Ion	Ratio	Lower	Upper
178	100		
176	22.6	17.2	25.8
179	17.9	13.9	20.9

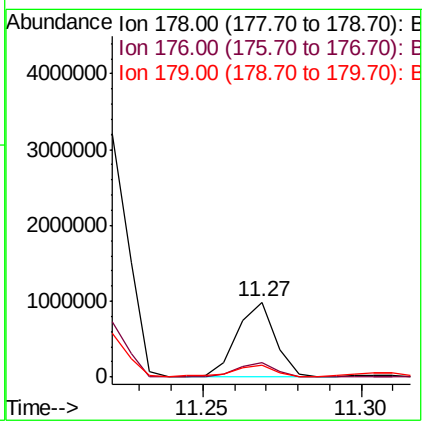


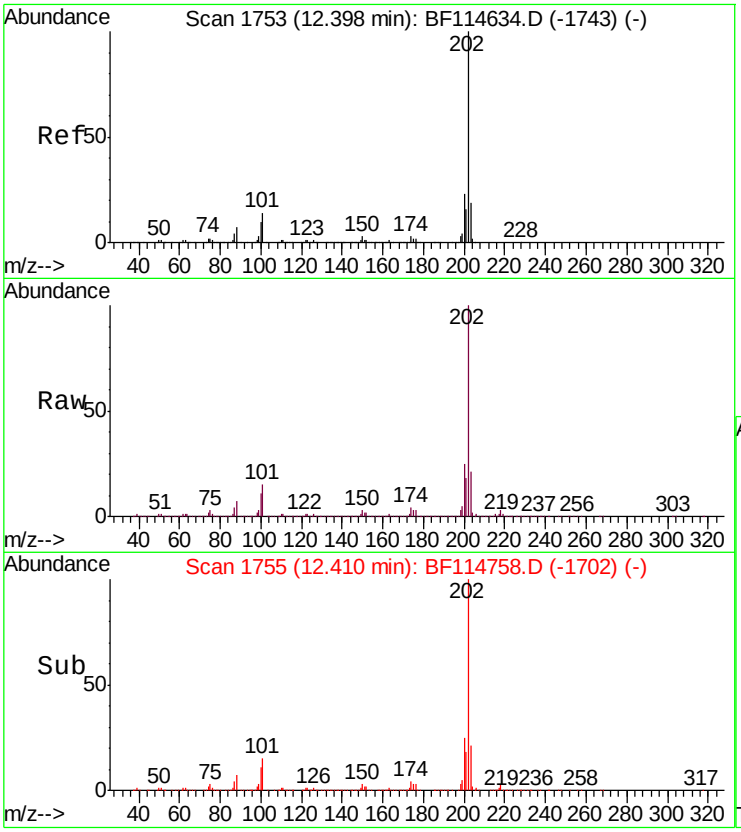


#72
Anthracene
Concen: 12.484 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:178 Resp: 808608

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	24.8
179	16.0	13.4	20.0



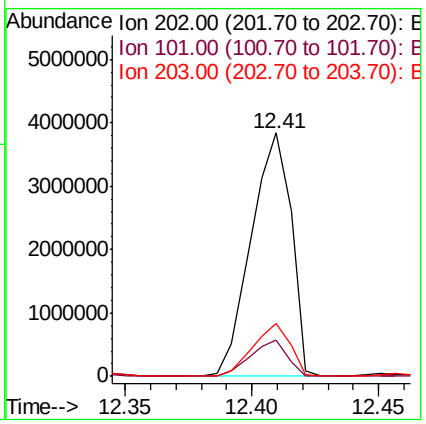


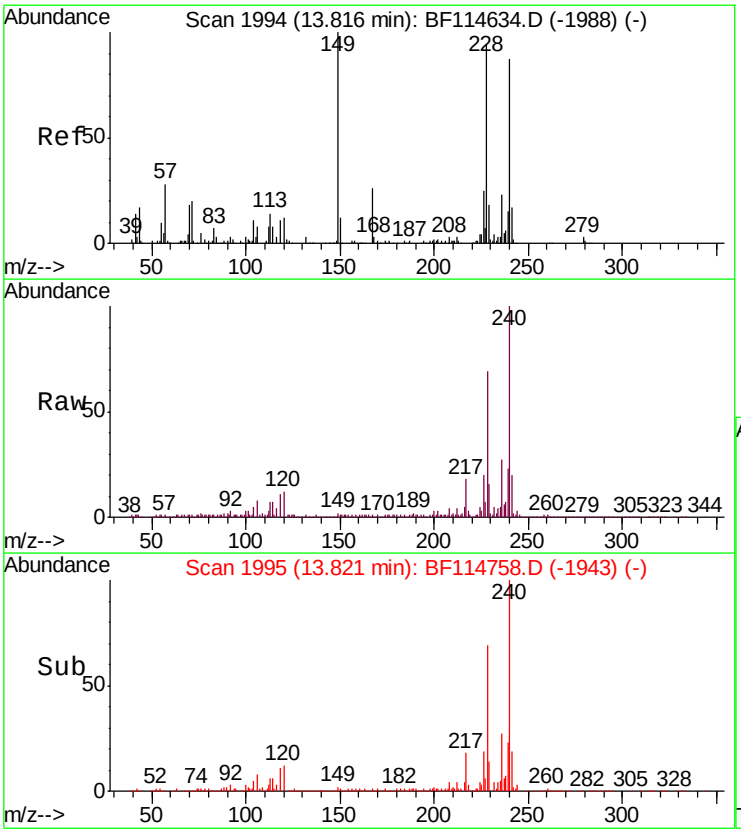
#75
Fluoranthene
Concen: 63.817 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:202 Resp: 4228819

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	33.9
203	21.5	0.0	39.1

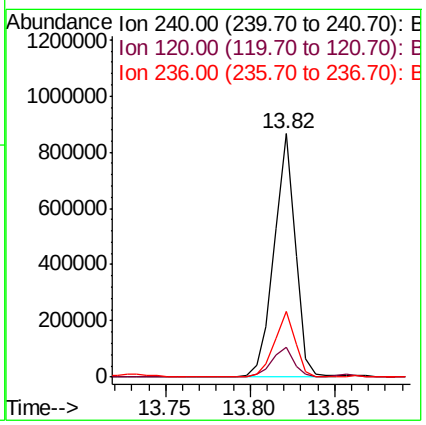


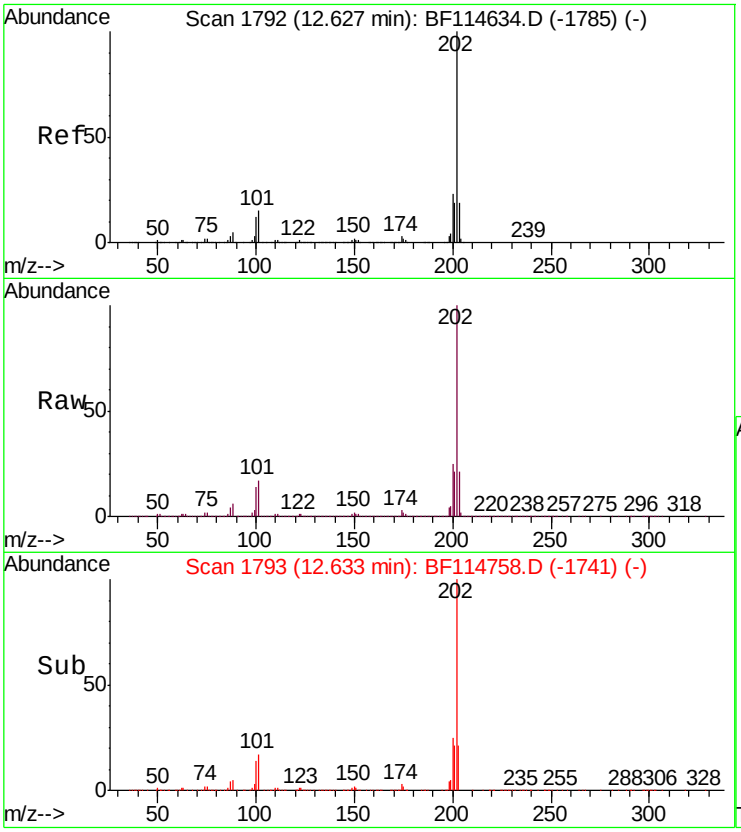


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:240 Resp: 750307

Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.2	16.8
236	26.9	21.2	31.8



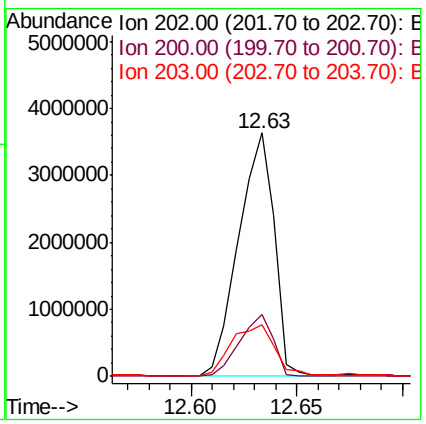


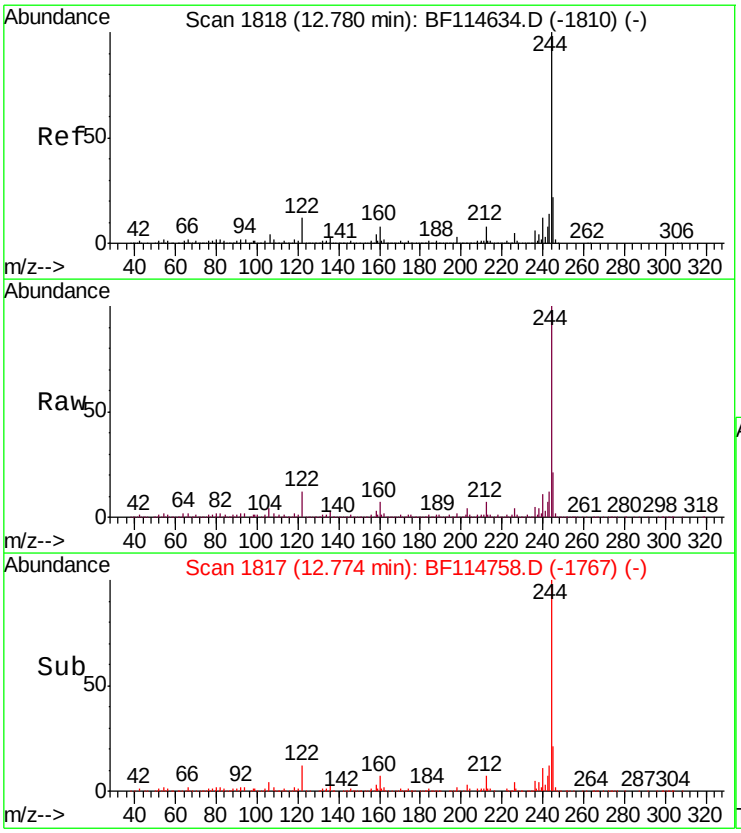
#78
Pyrene
Concen: 66.825 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:202 Resp: 4241411

Ion	Ratio	Lower	Upper
202	100		
200	25.3	18.6	28.0
203	21.1	15.4	23.2

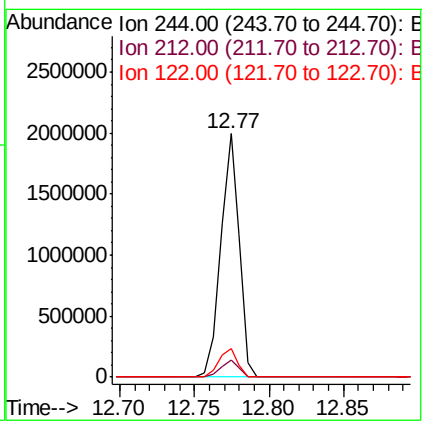


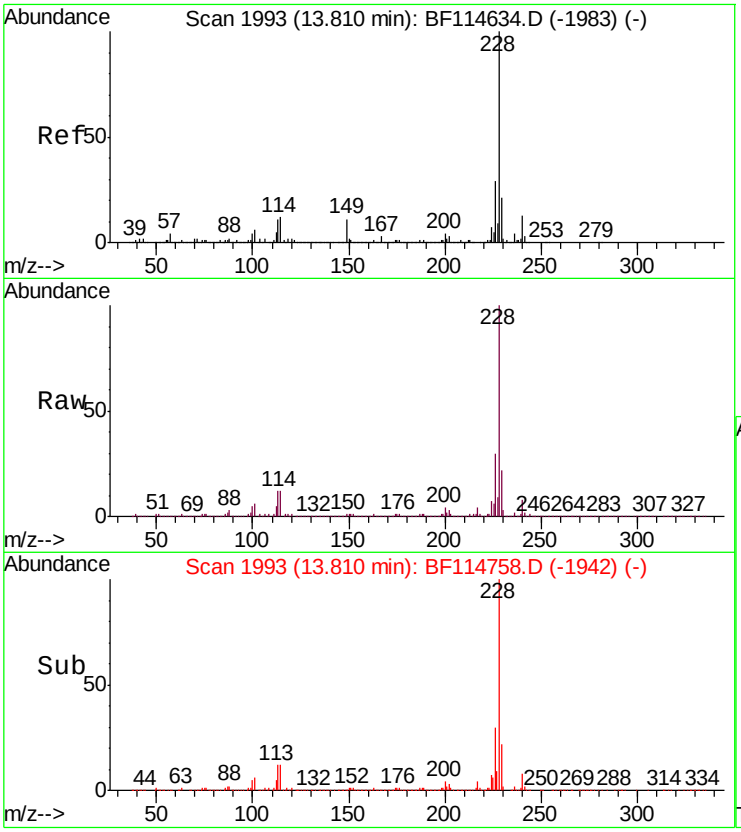


#79
Terphenyl-d14
Concen: 43.474 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:244 Resp: 1734924

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.1	9.1
122	12.0	9.8	14.8



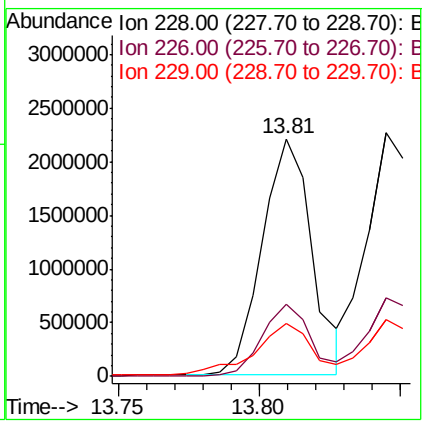


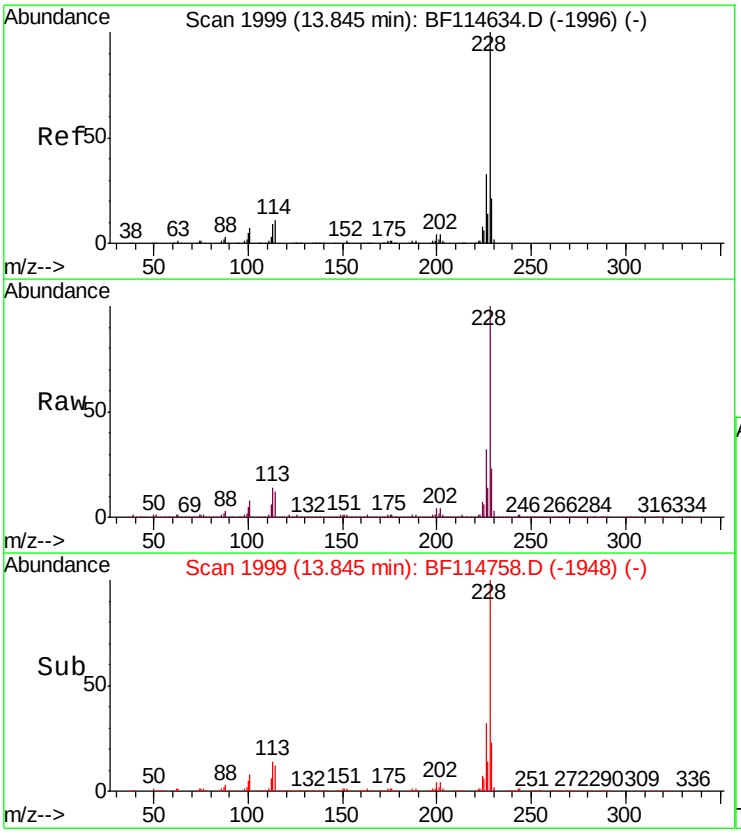
#81
Benzo(a)anthracene
Concen: 46.956 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:228 Resp: 2707432

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.0	34.6
229	22.3	17.0	25.4

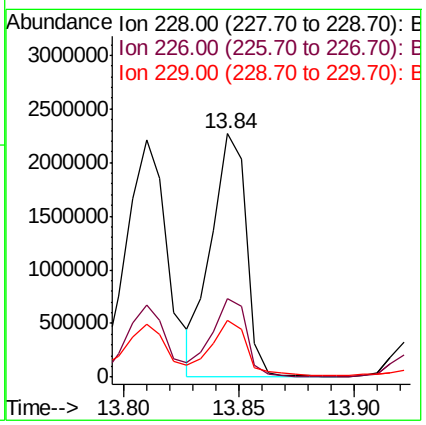


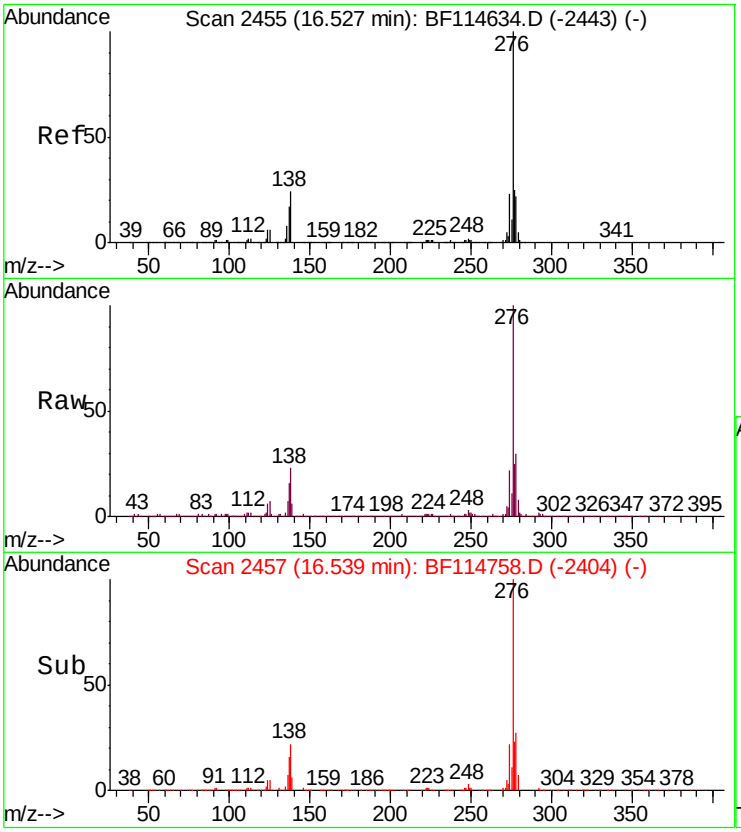


#83
Chrysene
Concen: 43.102 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:228 Resp: 2374379

Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.4	39.6
229	23.1	17.1	25.7



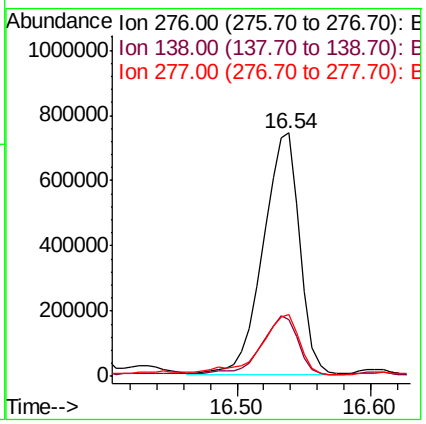


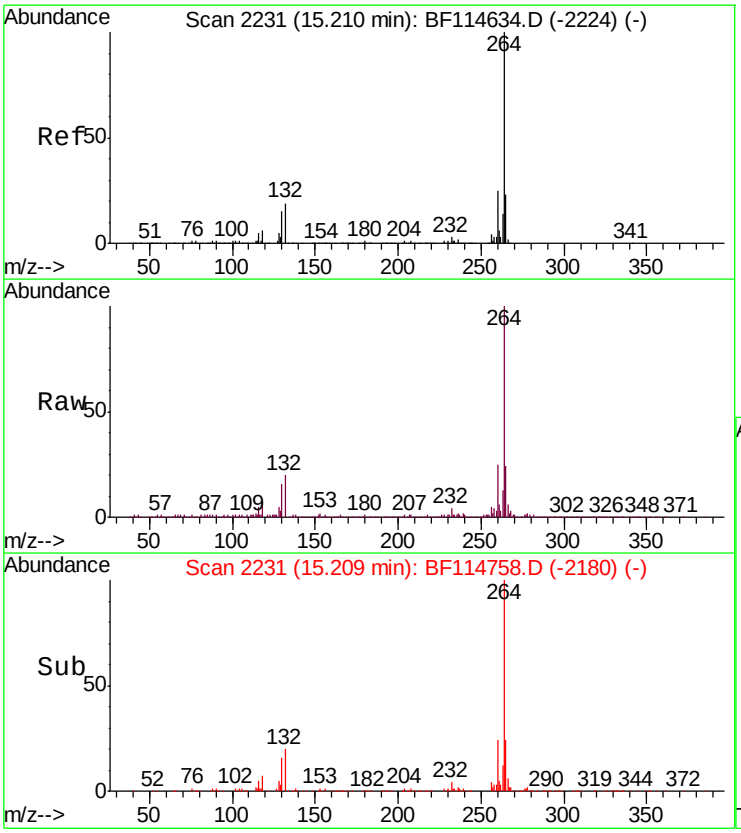
#86
Indeno(1,2,3-cd)pyrene
Concen: 25.878 ng
RT: 16.54 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:276 Resp: 1427785

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.0	34.6
277	27.5	20.5	30.7

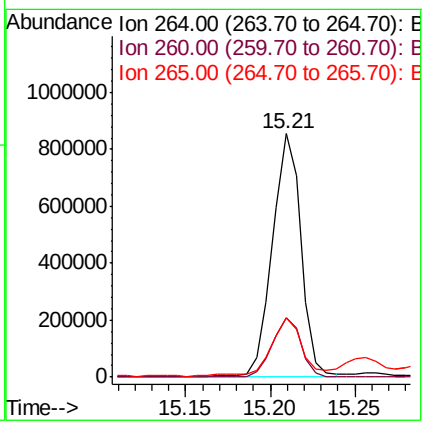


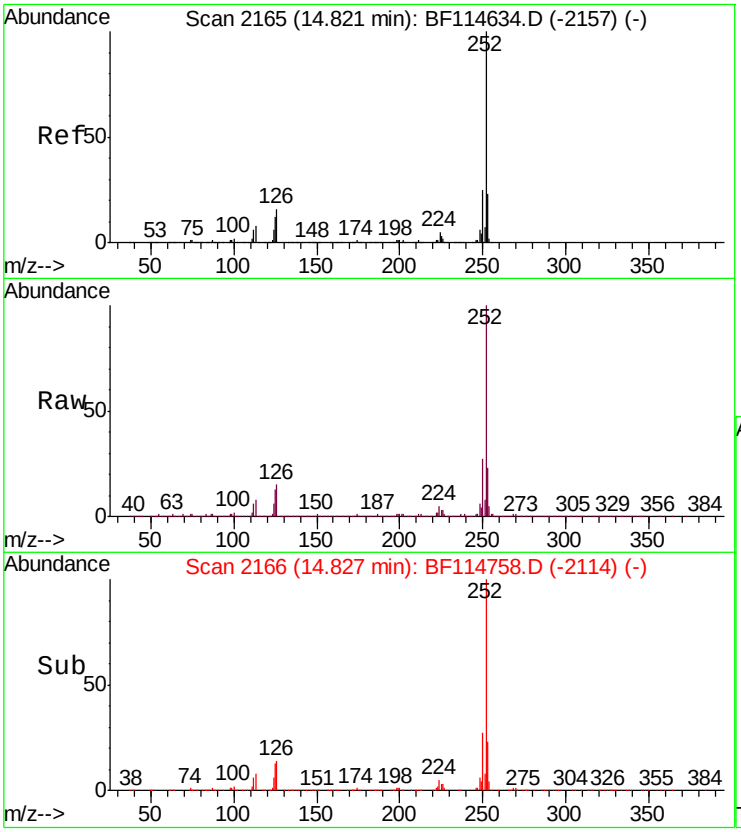


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:264 Resp: 1002827

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	24.4	18.1	27.1



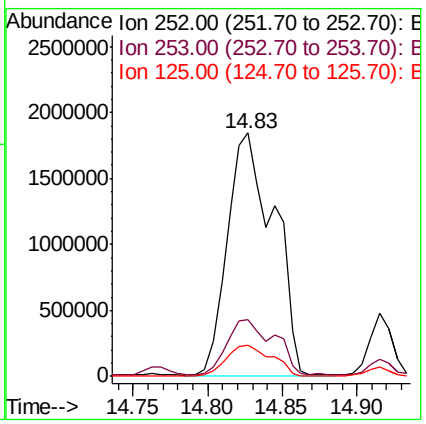


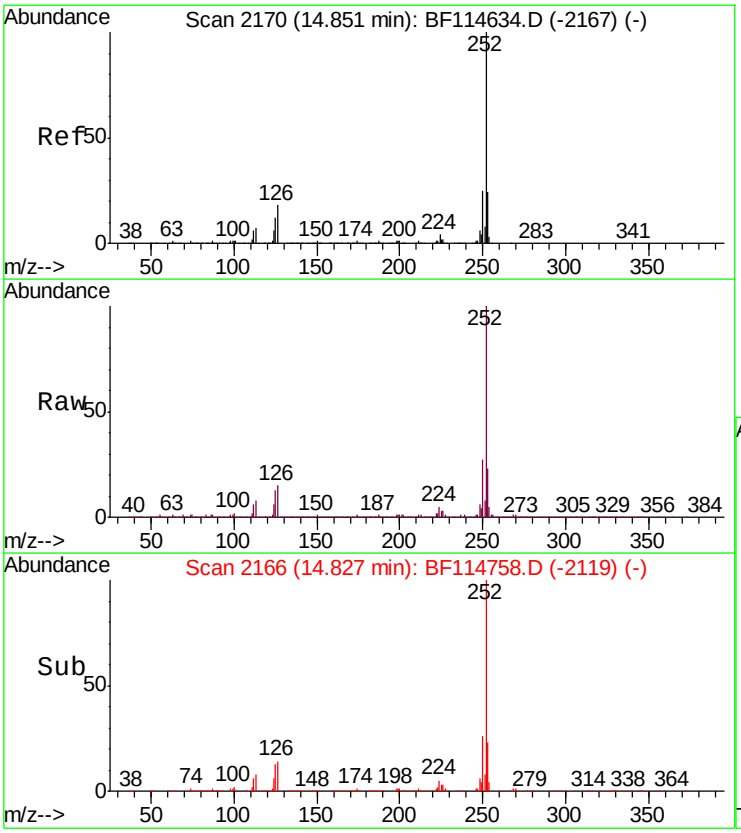
#88
Benzo(b)fluoranthene
Concen: 63.348 ng
RT: 14.83 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:252 Resp: 4001172

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	12.9	9.4	14.2

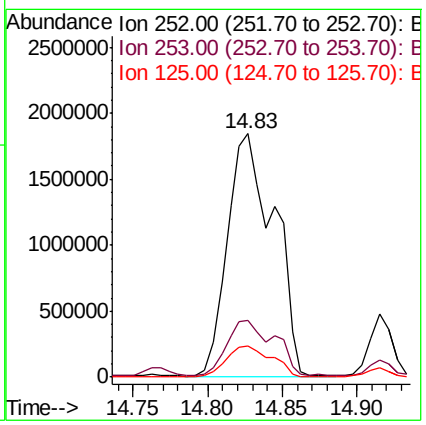


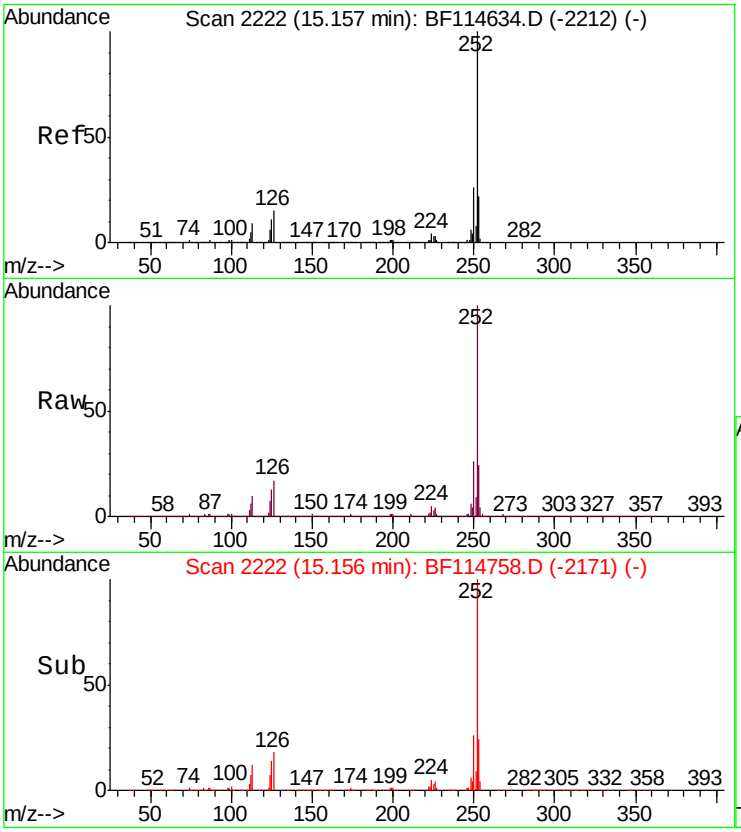


#89
Benzo(k)fluoranthene
Concen: 72.883 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:252 Resp: 4001172

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.9	28.3
125	12.9	9.5	14.3



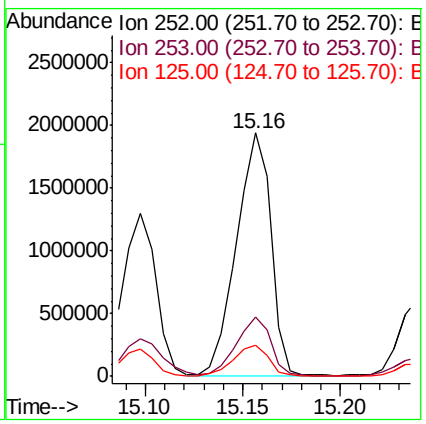


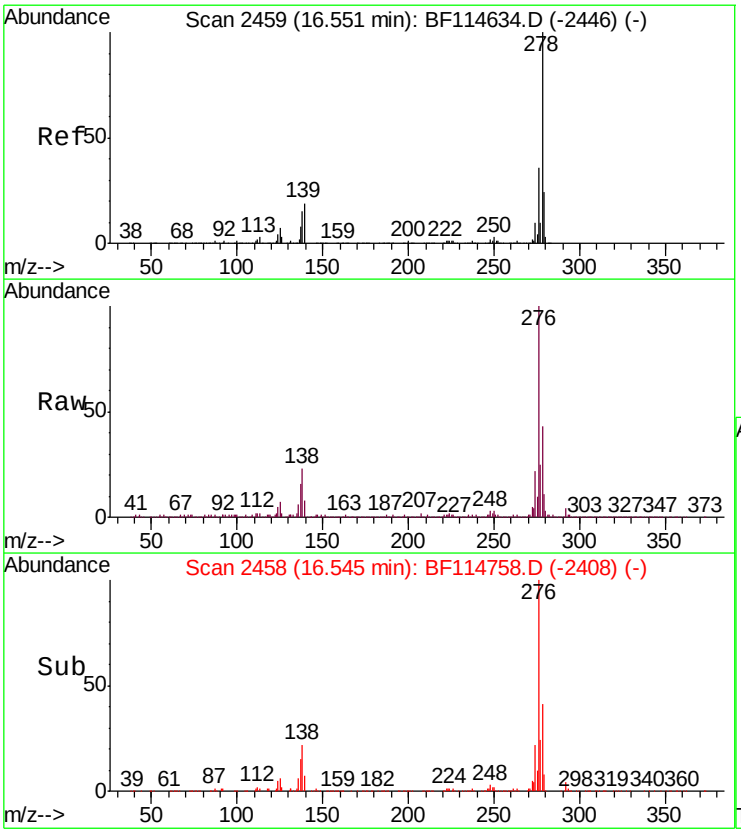
#90
Benzo(a)pyrene
Concen: 42.811 ng
RT: 15.16 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:252 Resp: 2375472

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	13.0	9.2	13.8

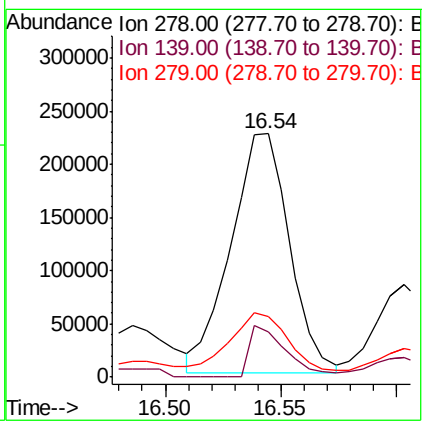


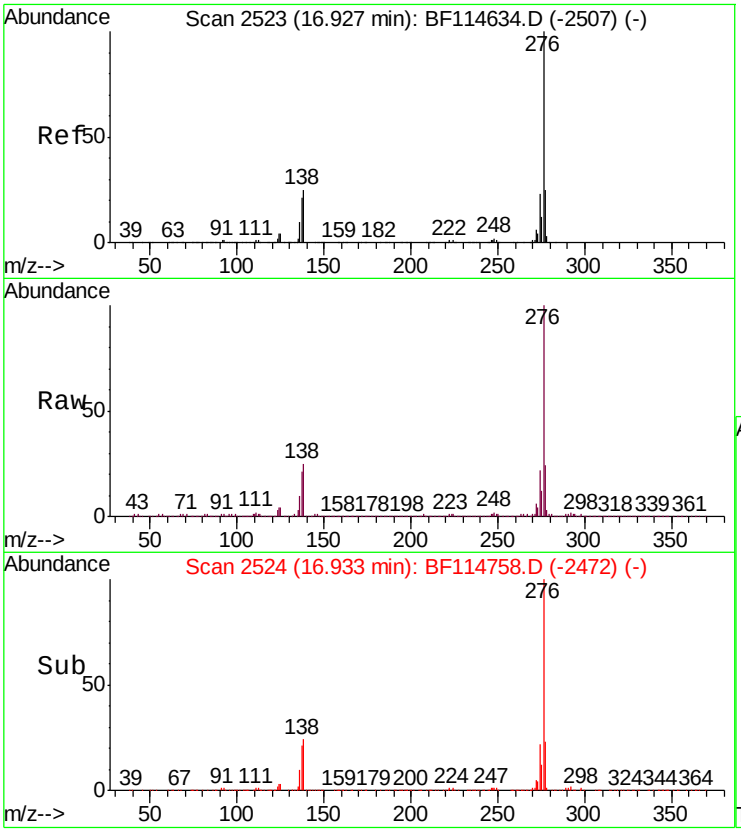


#91
Dibenzo(a,h)anthracene
Concen: 8.119 ng
RT: 16.54 min Scan# 2458
Delta R.T. -0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Tgt Ion:278 Resp: 398106

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.9	22.3
279	25.0	19.5	29.3





#92
Benzo(g,h,i)perylene
Concen: 26.177 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.01 min
Lab File: BF114758.D
Acq: 1 Jun 2019 15:45

Instrument :
BNA_F
ClientSampleId :
APPLE-TRACK

Tgt Ion:276 Resp: 1245703

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.7	29.5
138	24.6	19.8	29.8