Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
Data File : BF112292.D
Acq On : 29 Jan 2019 13:52
Operator : JU/SJ
Sample : K1264-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RH-CONCRETE

Quant Time: Jan 30 00:06:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	176267	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	664870	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	302770	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	489427	20.00	ng		0.00
76) Chrysene-d12	14.01	240	326706	20.00	ng		0.00
87) Perylene-d12	15.47	264	394769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	966275	116.44	ng		0.00
7) Phenol-d6	6.49	99	1211676	105.08	ng		0.00
23) Nitrobenzene-d5	7.40	82	762392	66.07	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	314170	89.15	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1511926	70.63	ng		-0.01
79) Terphenyl-d14	12.94	244	1119964	64.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	102903	12.942	ng	#	76
25) Isophorone	7.40	82	762383	42.116	ng	#	64
31) Naphthalene	8.14	128	63280	2.035	ng		97
37) 2-Methylnaphthalene	8.83	142	45928	2.158	ng		97
50) Dimethylphthalate	9.59	163	90825	3.861	ng		96
52) Acenaphthene	9.90	154	100633	5.599	ng		98
55) Dibenzofuran	10.08	168	187032	6.810	ng		99
56) 4-Nitrophenol	10.07	139	72127	23.902	ng	#	20
58) Fluorene	10.42	166	59522	2.896	ng	#	93
71) Phenanthrene	11.39	178	2614614	102.757	ng		99
72) Anthracene	11.44	178	164545	6.492	ng		97
73) Carbazole	11.59	167	143116	5.724	ng	#	94
75) Fluoranthene	12.59	202	2809921	102.962	ng		99
78) Pyrene	12.82	202	2214494	97.903	ng		99
81) Benzo(a)anthracene	14.00	228	652577	33.979	ng		99
83) Chrysene	14.03	228	608858	33.212	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	60387	3.887	ng		97
86) Indeno(1,2,3-cd)pyrene	16.94	276	266999	18.380	ng	#	92
88) Benzo(b)fluoranthene	15.04	252	948097	40.158	ng	#	98
89) Benzo(k)fluoranthene	15.04	252	948097	41.925	ng		98
90) Benzo(a)pyrene	15.41	252	236217	11.120	ng	#	95
91) Dibenzo(a,h)anthracene	16.94	278	70876	4.140	ng	#	79
92) Benzo(g,h,i)perylene	17.39	276	290487	17.984	ng		98

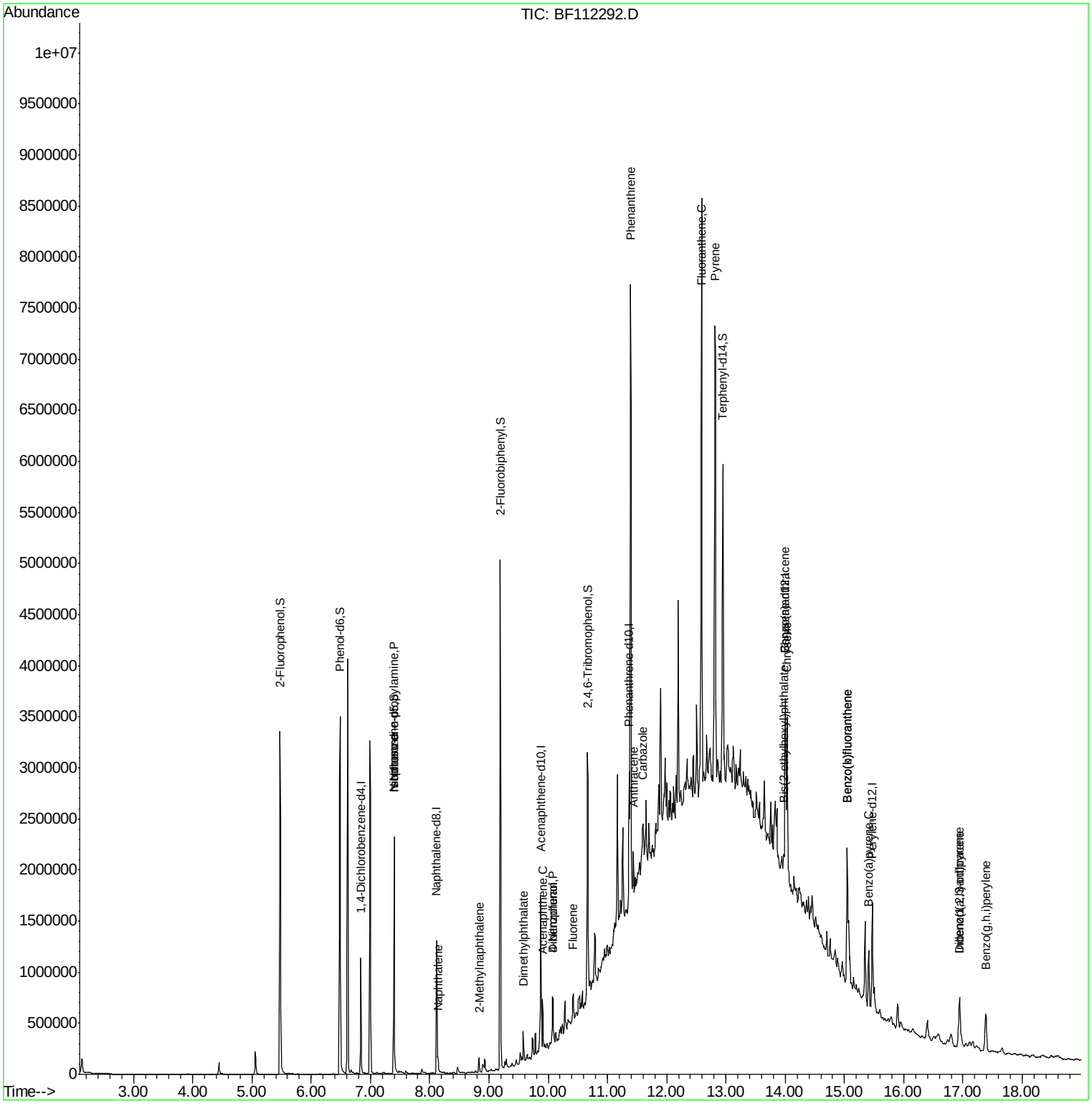
(#) = qualifier out of range (m) = manual integration (+) = signals summed

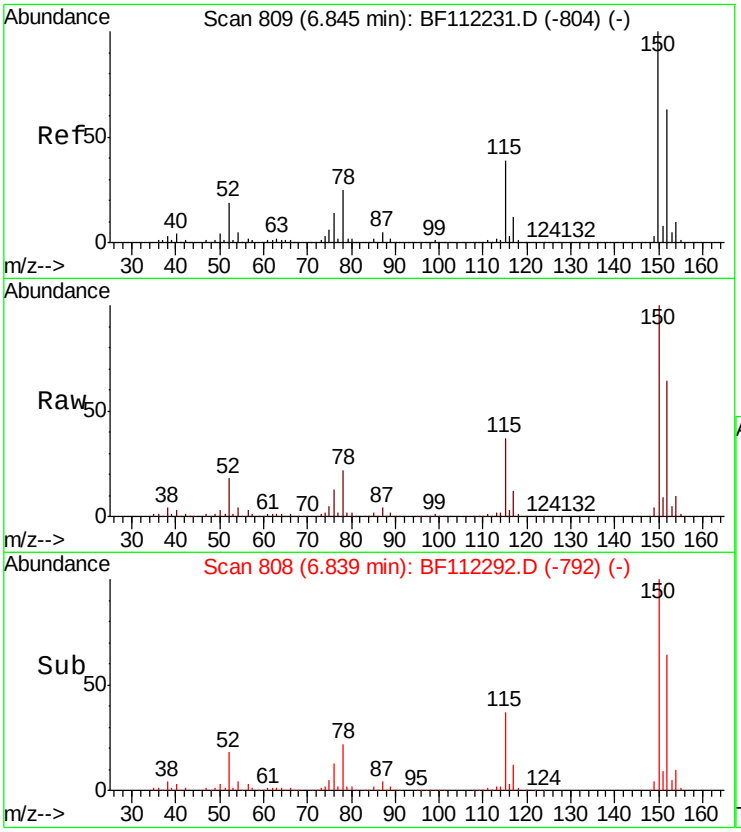
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012919\
Data File : BF112292.D
Acq On : 29 Jan 2019 13:52
Operator : JU/SJ
Sample : K1264-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Quant Time: Jan 30 00:06:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



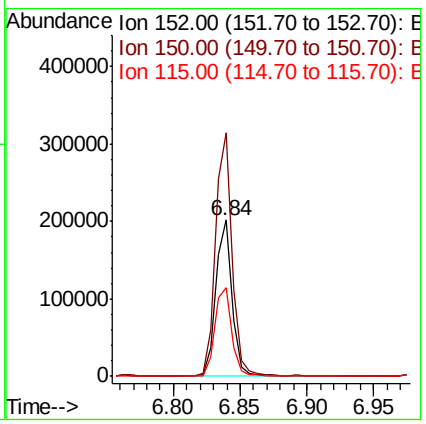


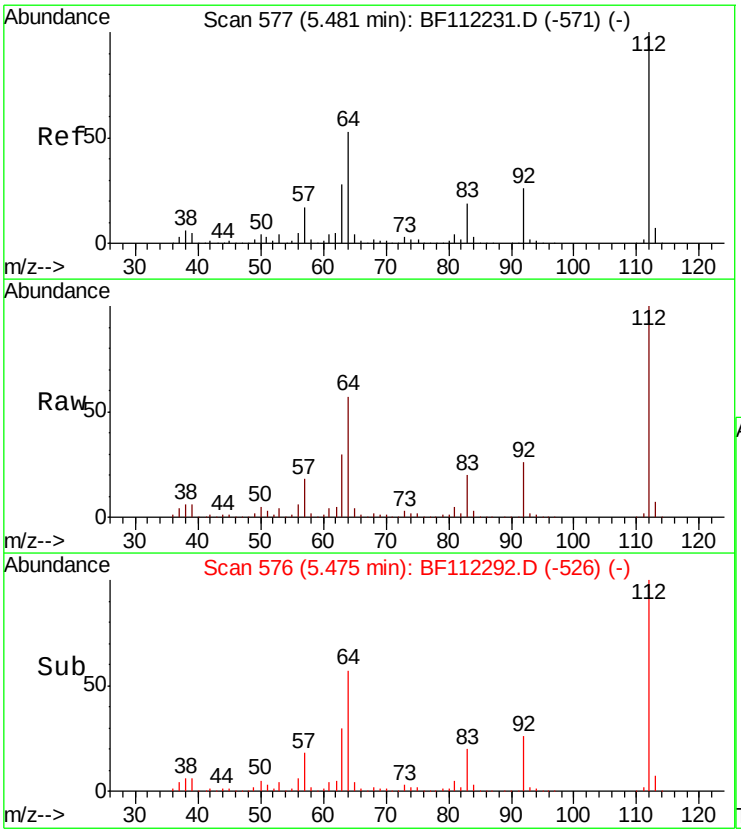
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:152 Resp: 176267

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	57.2	45.5	68.3

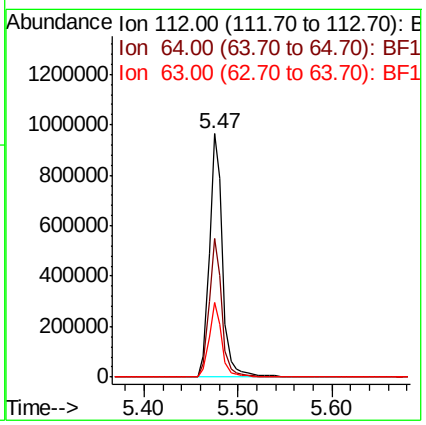


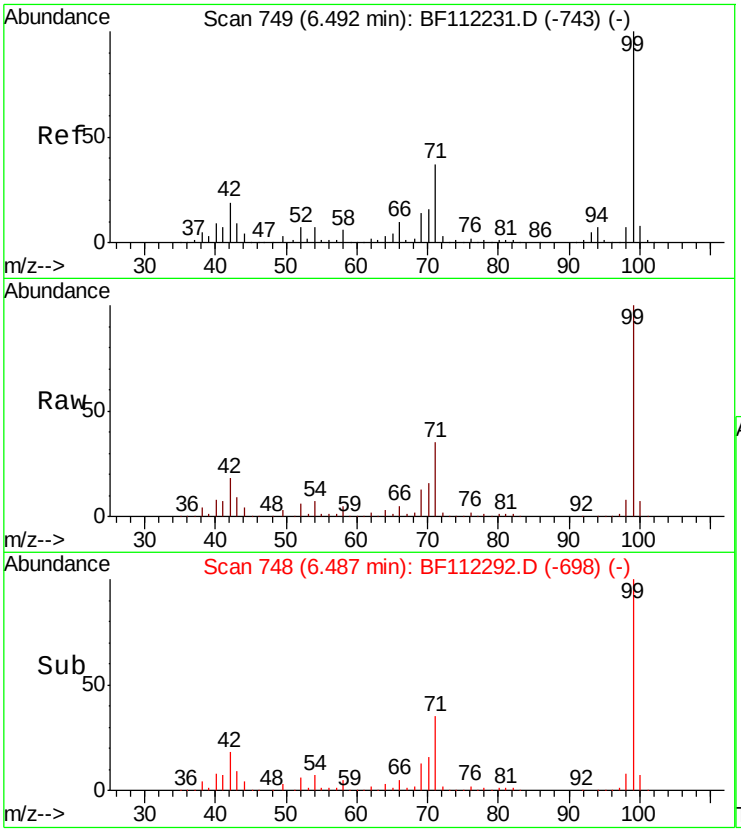


#5
2-Fluorophenol
Concen: 116.439 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:112 Resp: 966275

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.7	68.5
63	30.4	23.6	35.4



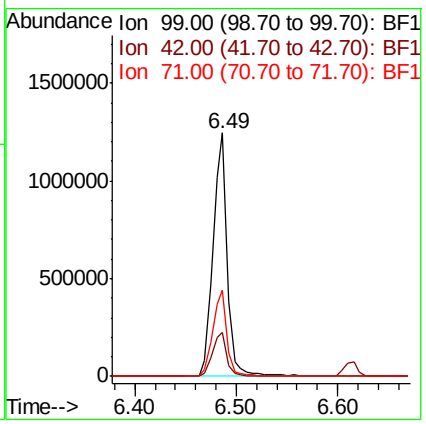


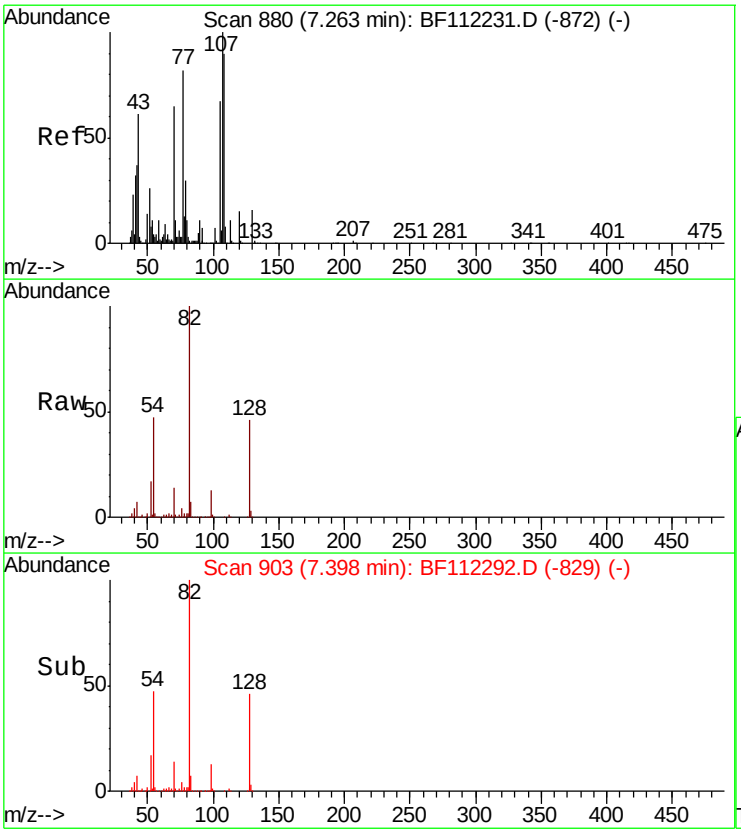
#7
Phenol-d6
Concen: 105.077 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion: 99 Resp: 1211676

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.1	22.7
71	35.4	26.9	40.3

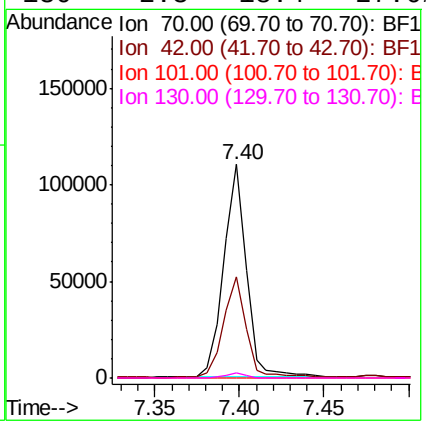


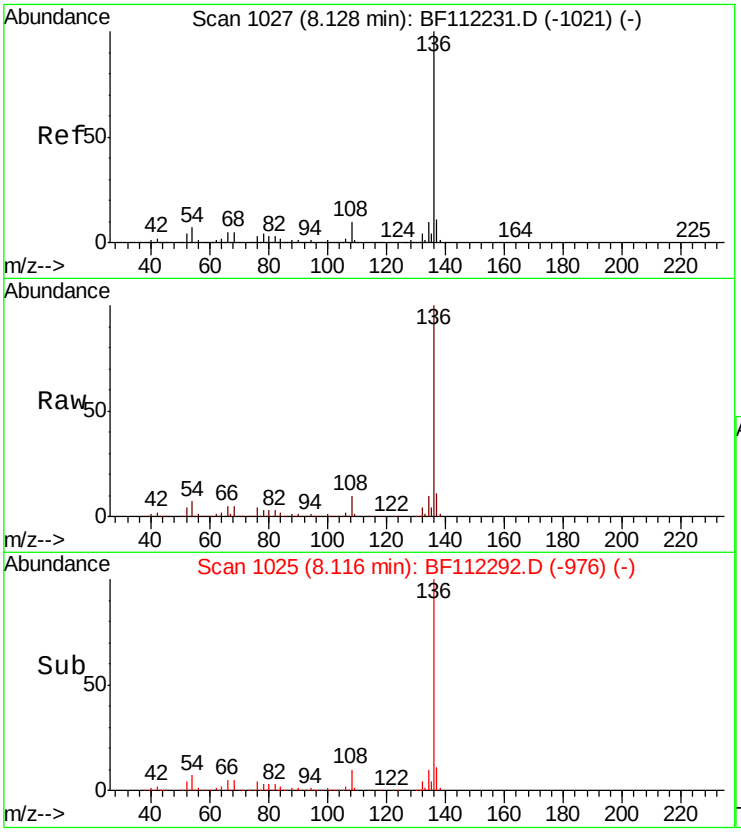


#19
n-Nitroso-di-n-propylamine
Concen: 12.942 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion: 70 Resp: 102903

Ion	Ratio	Lower	Upper
70	100		
42	47.4	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



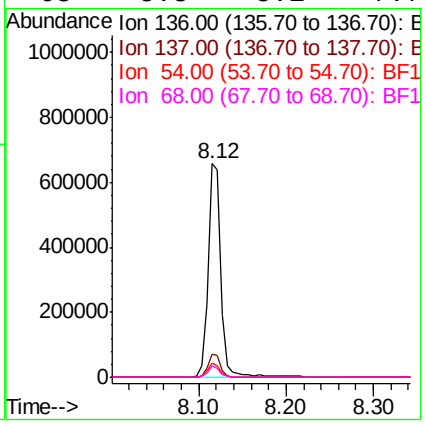


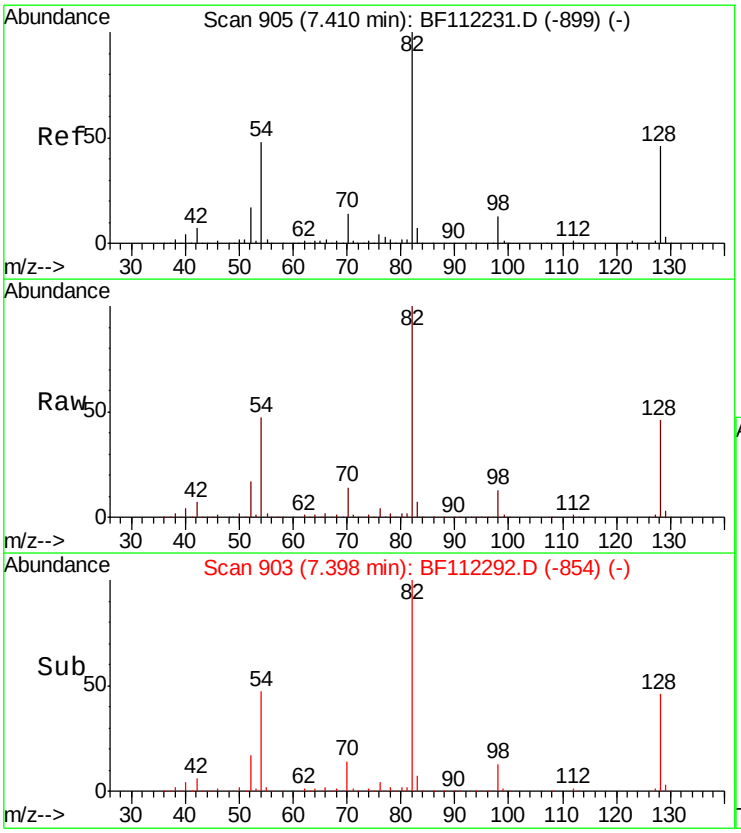
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:136 Resp: 664870

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.8	5.9	8.9
68	5.3	5.1	7.7

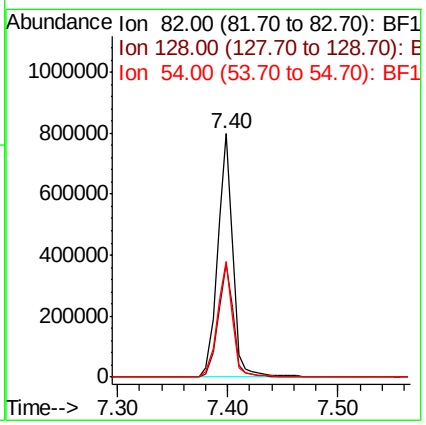


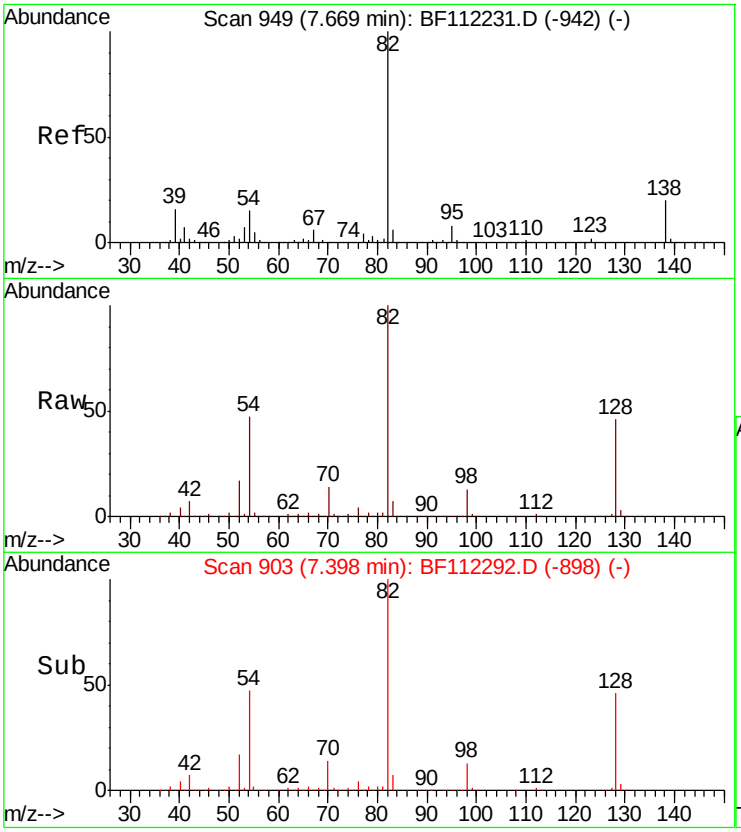


#23
Nitrobenzene-d5
Concen: 66.071 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion: 82 Resp: 762392

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.8	56.8
54	47.4	39.7	59.5



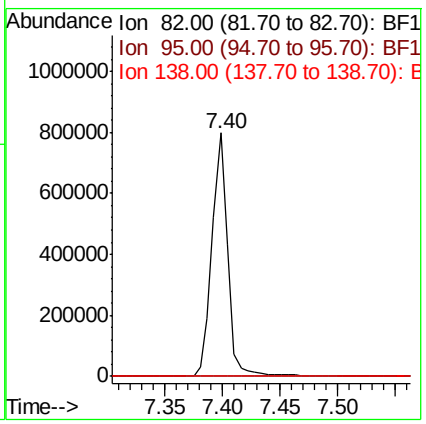


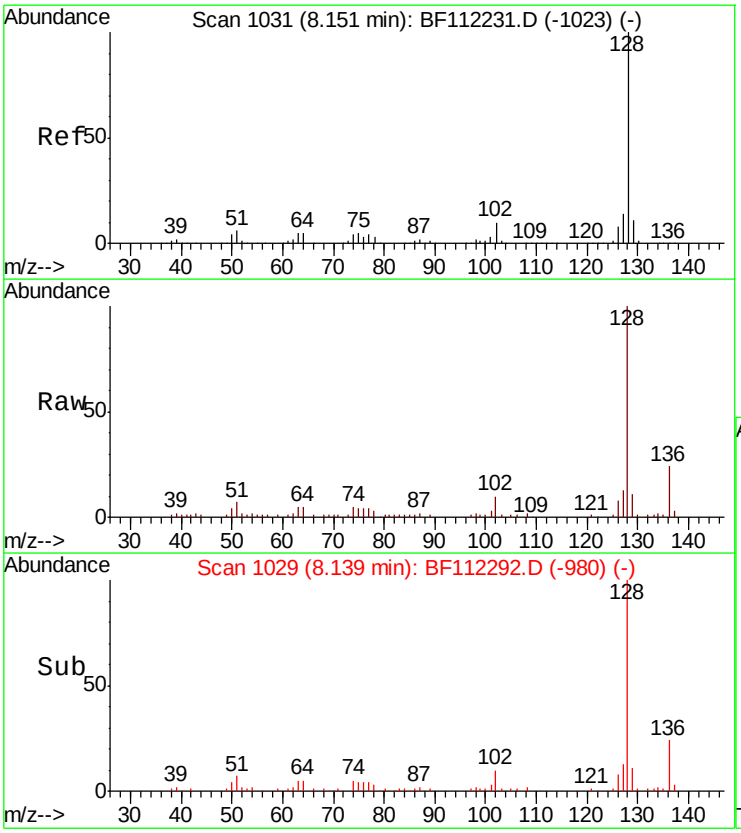
#25
Isophorone
Concen: 42.116 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion: 82 Resp: 762383

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.7	8.5#
138	0.0	15.4	23.0#

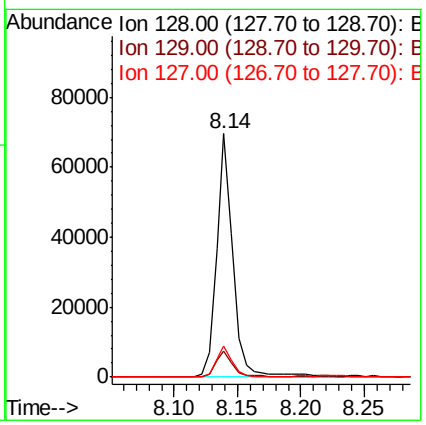


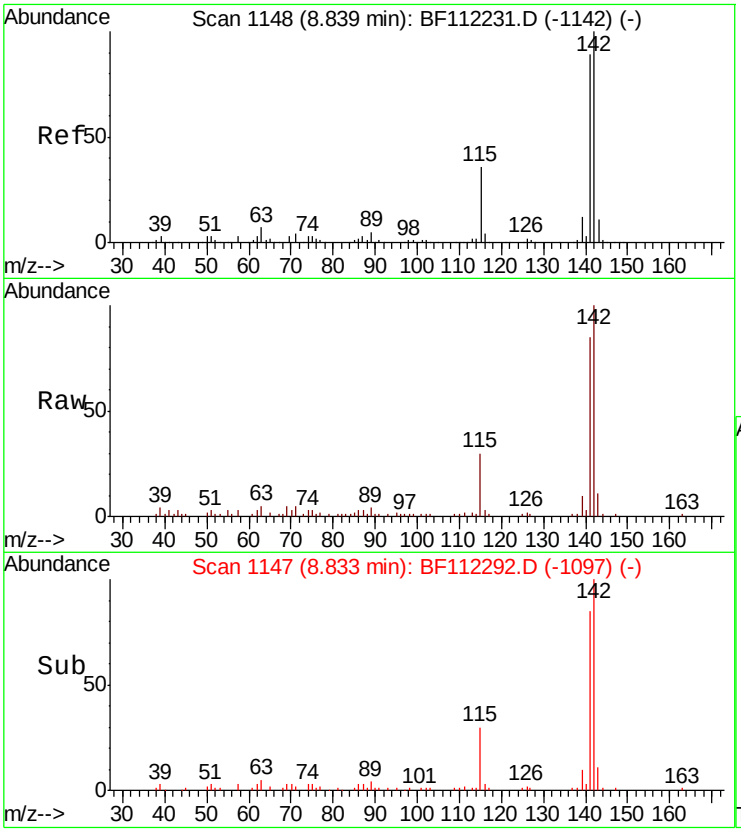


#31
Naphthalene
Concen: 2.035 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:128 Resp: 63280

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.6	14.4
127	12.7	11.1	16.7



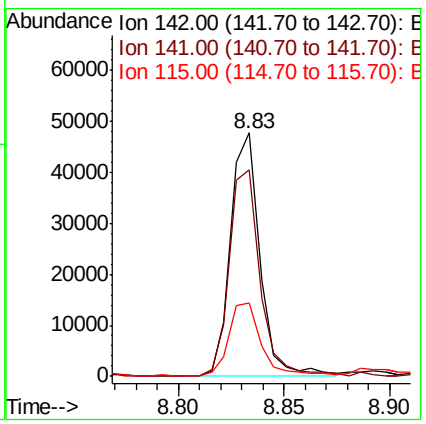


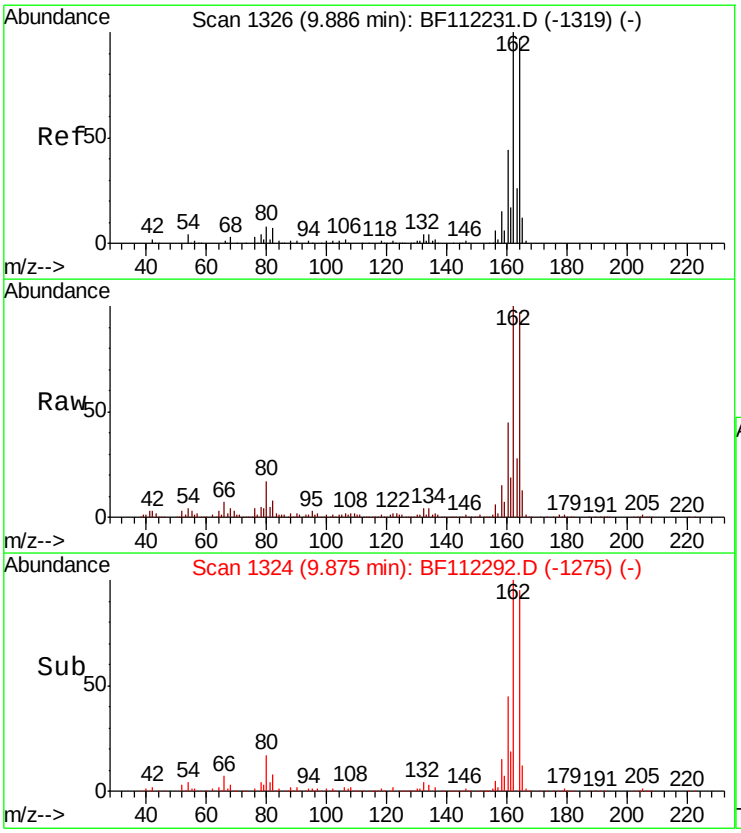
#37
2-Methylnaphthalene
Concen: 2.158 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:142 Resp: 45928

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.9	106.3
115	30.3	24.9	37.3

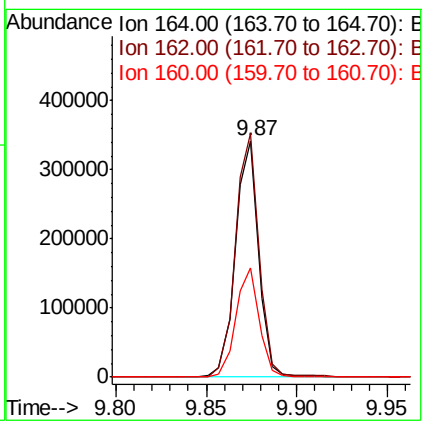


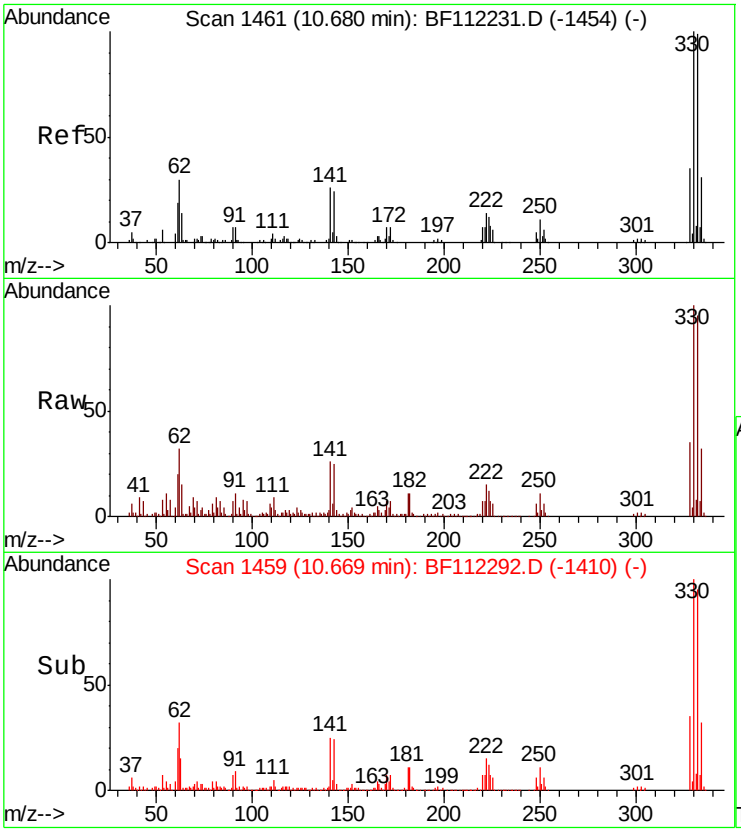


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:164 Resp: 302770

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	46.1	36.2	54.4



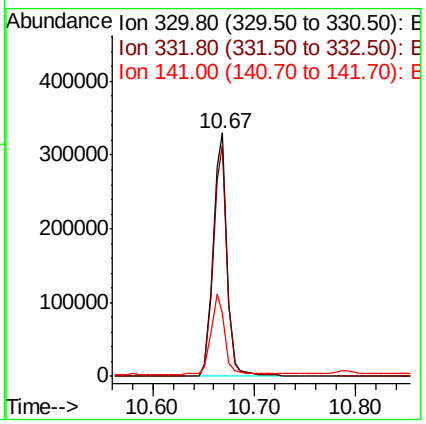


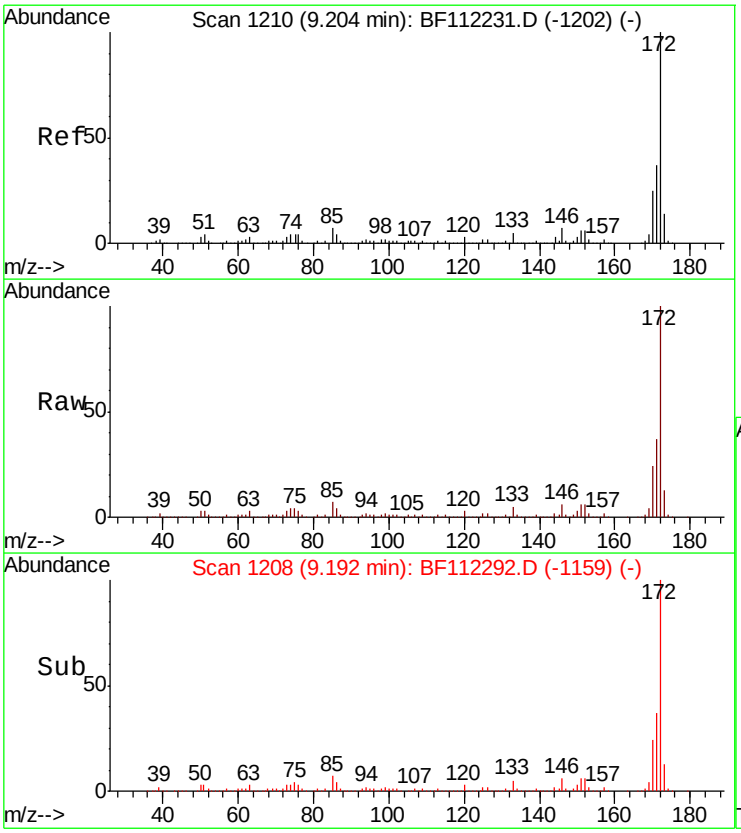
#42
2,4,6-Tribromophenol
Concen: 89.148 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:330 Resp: 314170

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.9	24.3	36.5

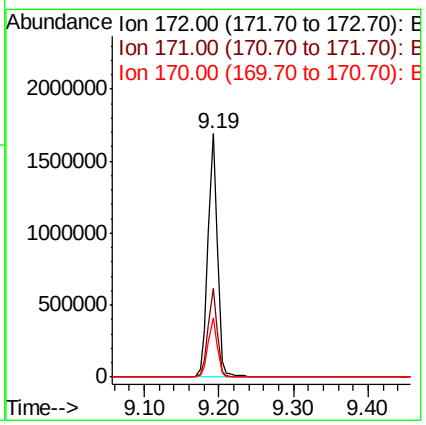


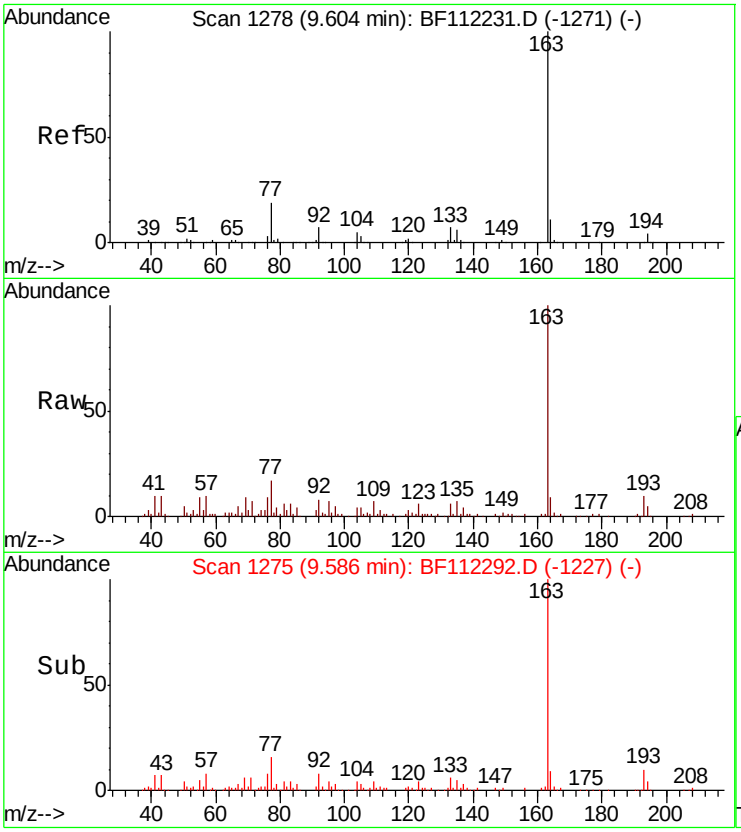


#45
2-Fluorobiphenyl
Concen: 70.627 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:172 Resp: 1511926

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	24.5	20.2	30.4



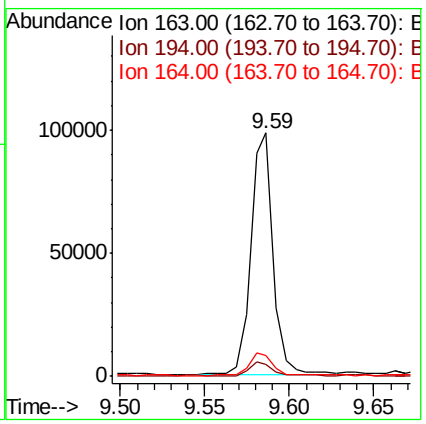


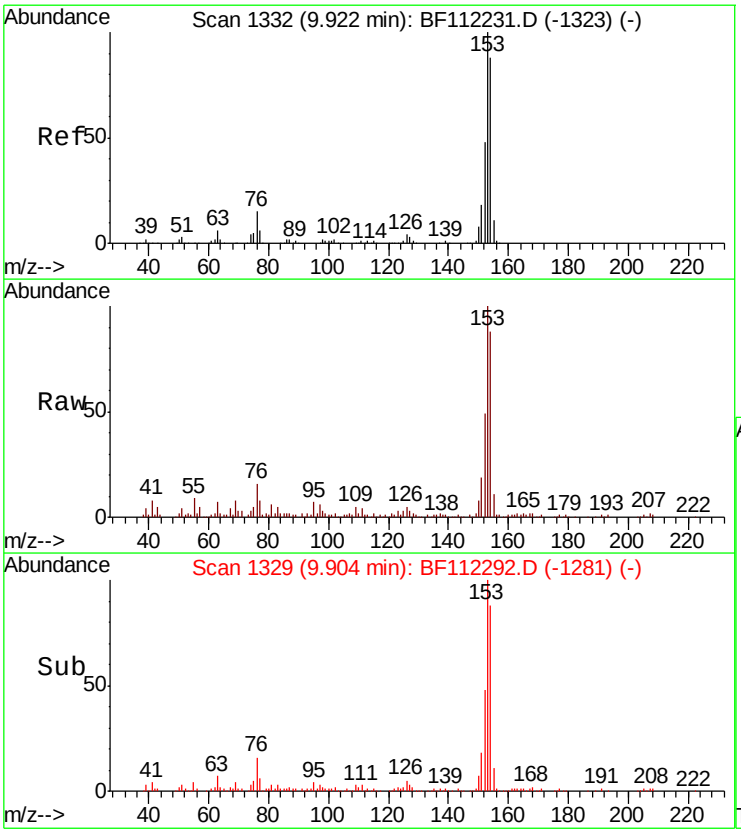
#50
Dimethylphthalate
Concen: 3.861 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:163 Resp: 90825

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	8.6	8.5	12.7

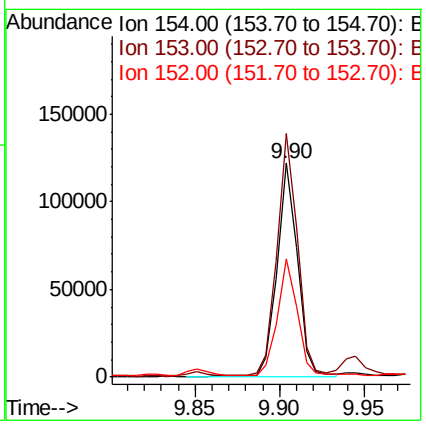


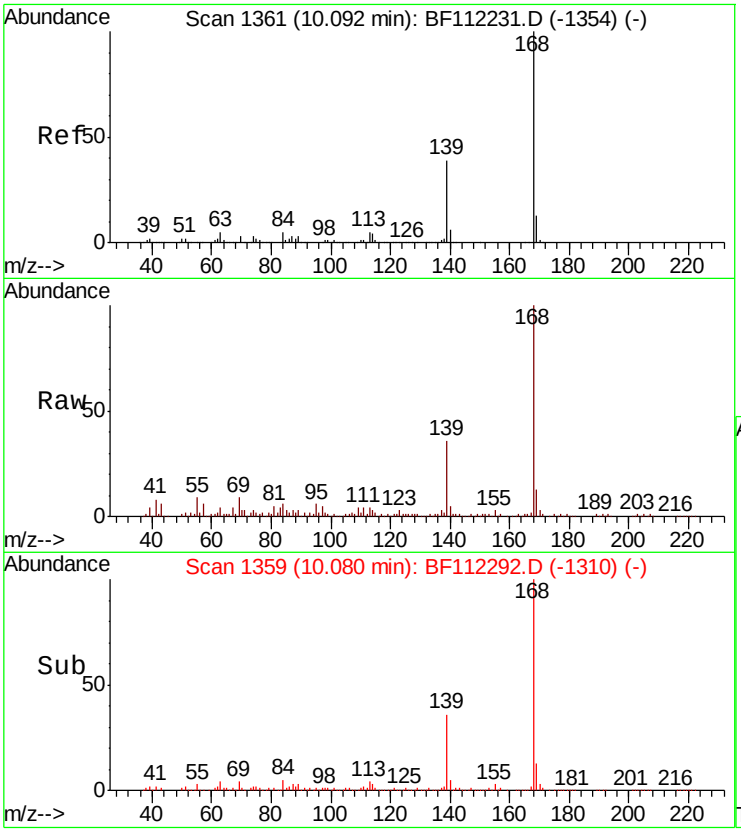


#52
Acenaphthene
Concen: 5.599 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:154 Resp: 100633

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.8	134.6
152	55.5	43.5	65.3



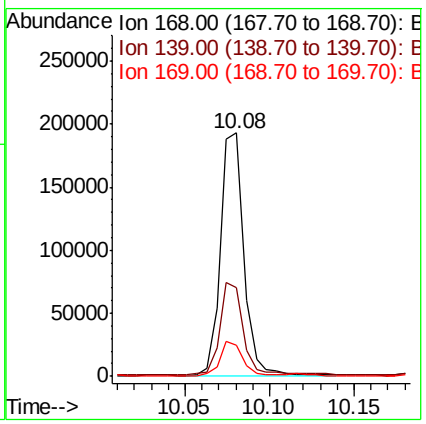


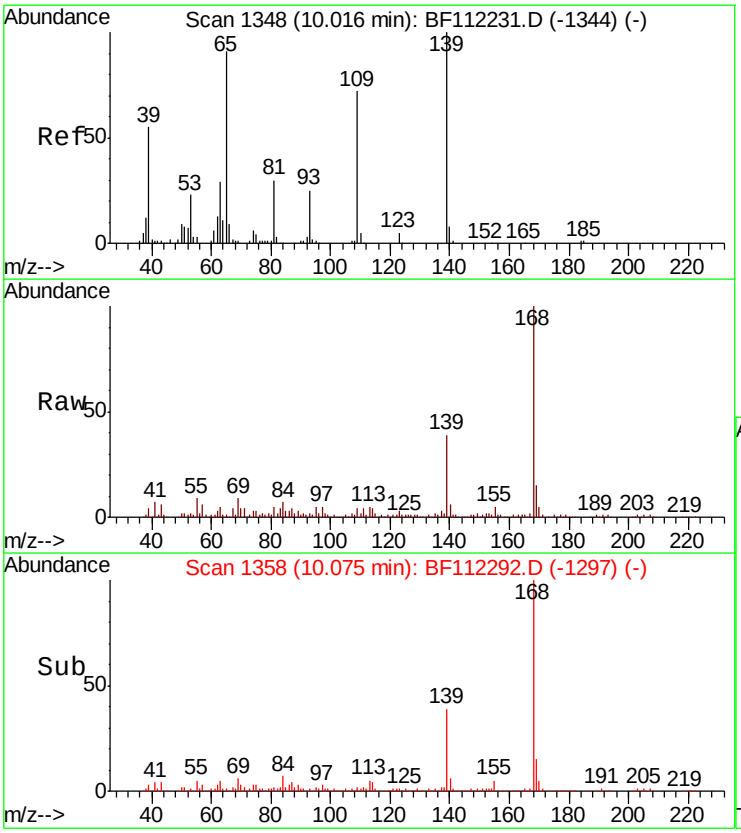
#55
Dibenzofuran
Concen: 6.810 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:168 Resp: 187032

Ion	Ratio	Lower	Upper
168	100		
139	36.3	29.2	43.8
169	12.9	11.4	17.0

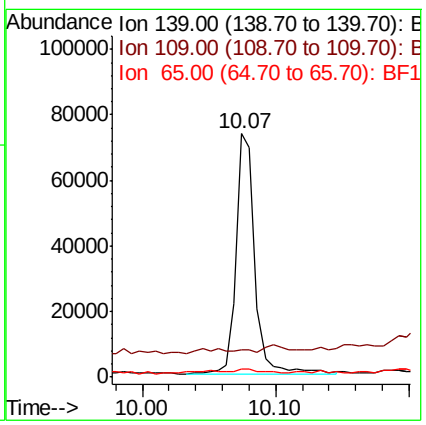


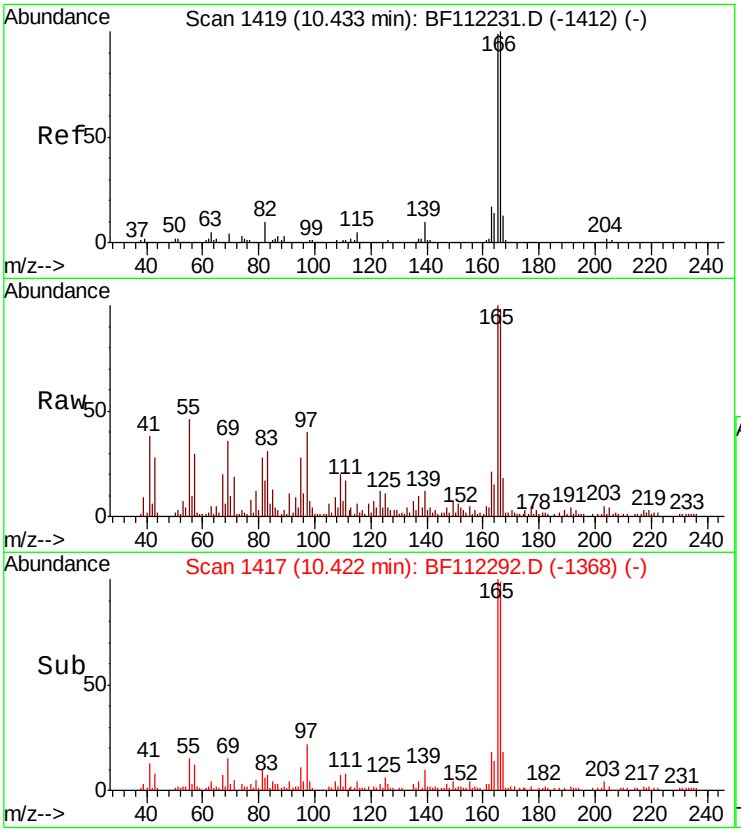


#56
4-Nitrophenol
Concen: 23.902 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.06 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:139 Resp: 72127

Ion	Ratio	Lower	Upper
139	100		
109	11.1	42.8	82.8#
65	3.5	66.1	106.1#



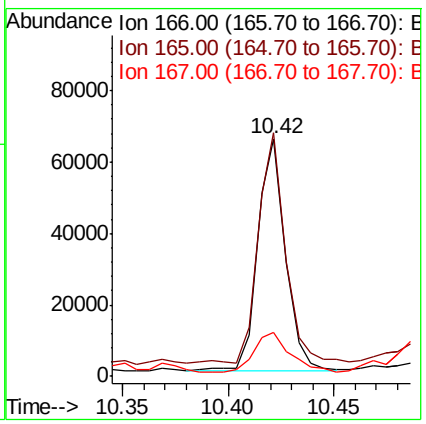


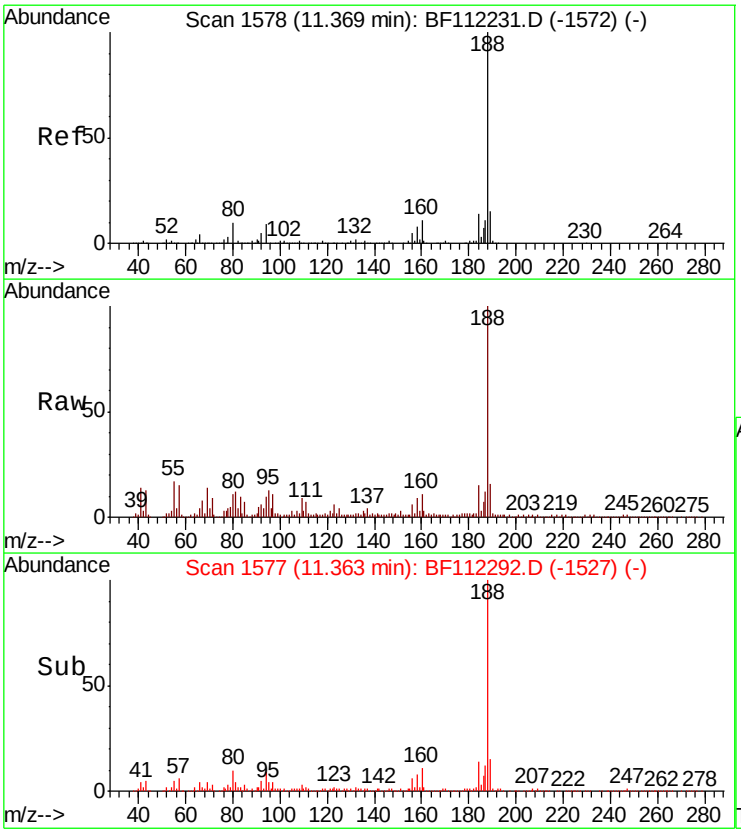
#58
Fluorene
Concen: 2.896 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:166 Resp: 59522

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.1	115.7
167	18.4	11.3	16.9#

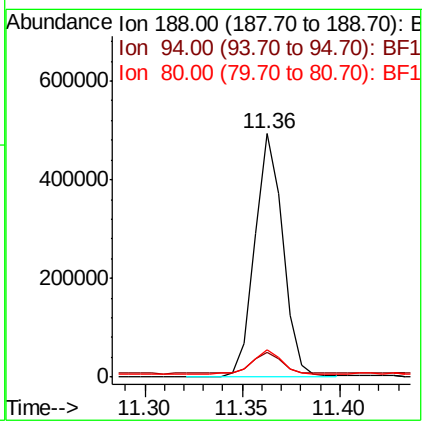


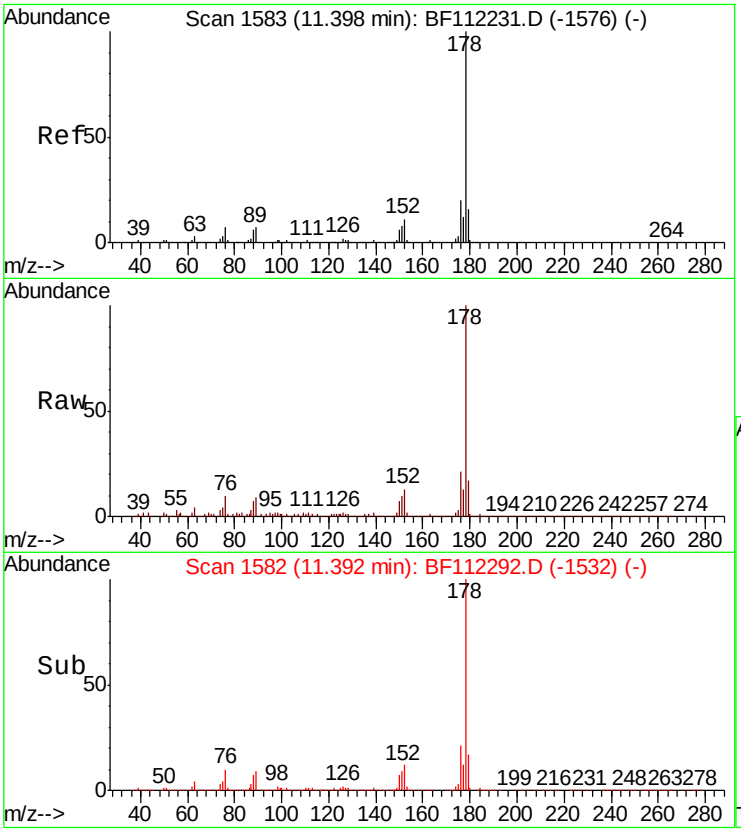


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:188 Resp: 489427

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	11.2	8.9	13.3



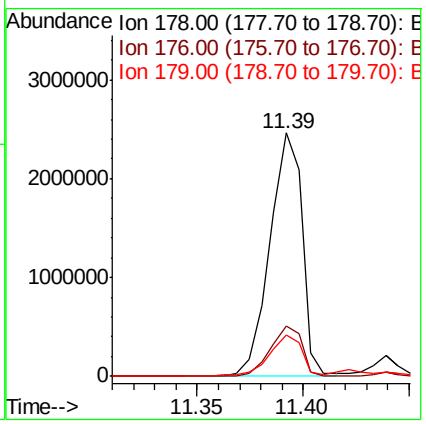


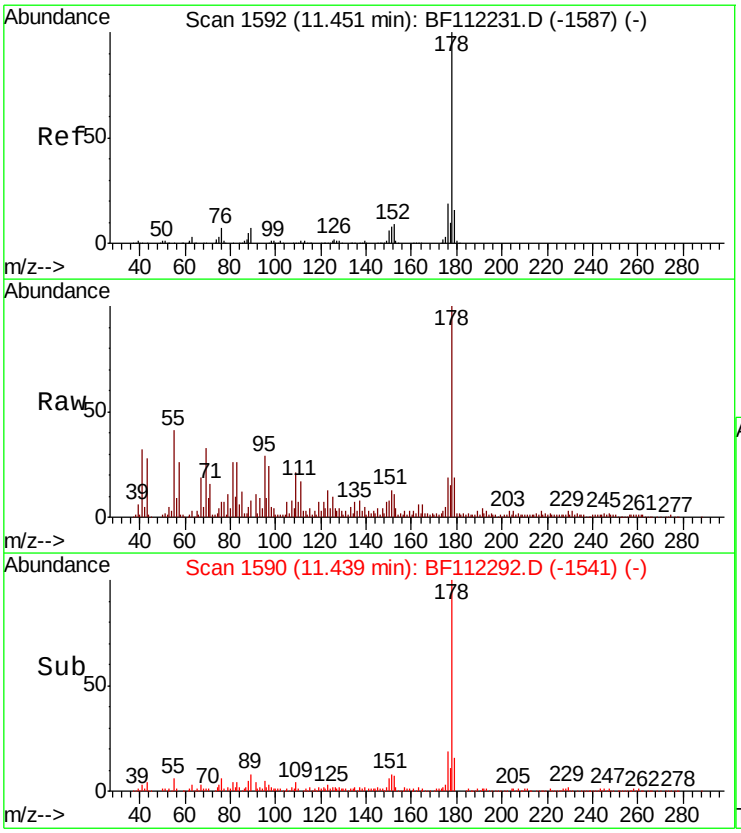
#71
Phenanthrene
Concen: 102.757 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:178 Resp: 2614614

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.3	24.5
179	16.9	13.0	19.4

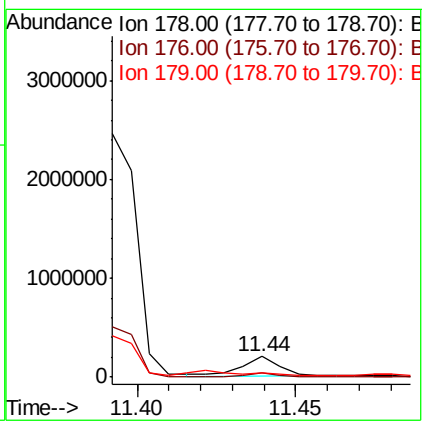


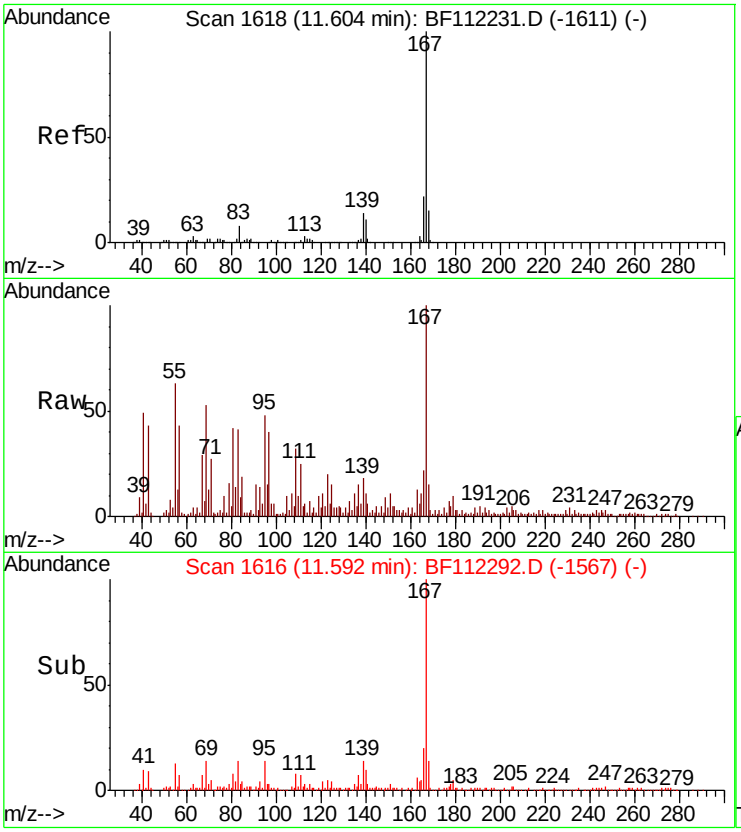


#72
Anthracene
Concen: 6.492 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:178 Resp: 164545

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	18.6	12.8	19.2



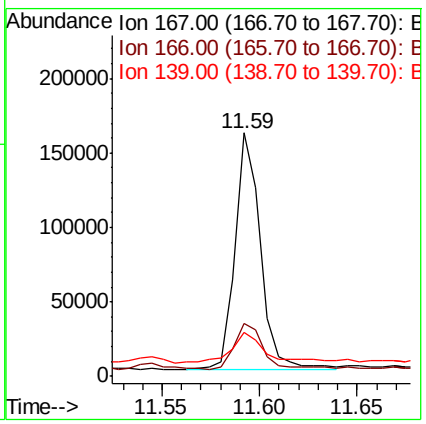


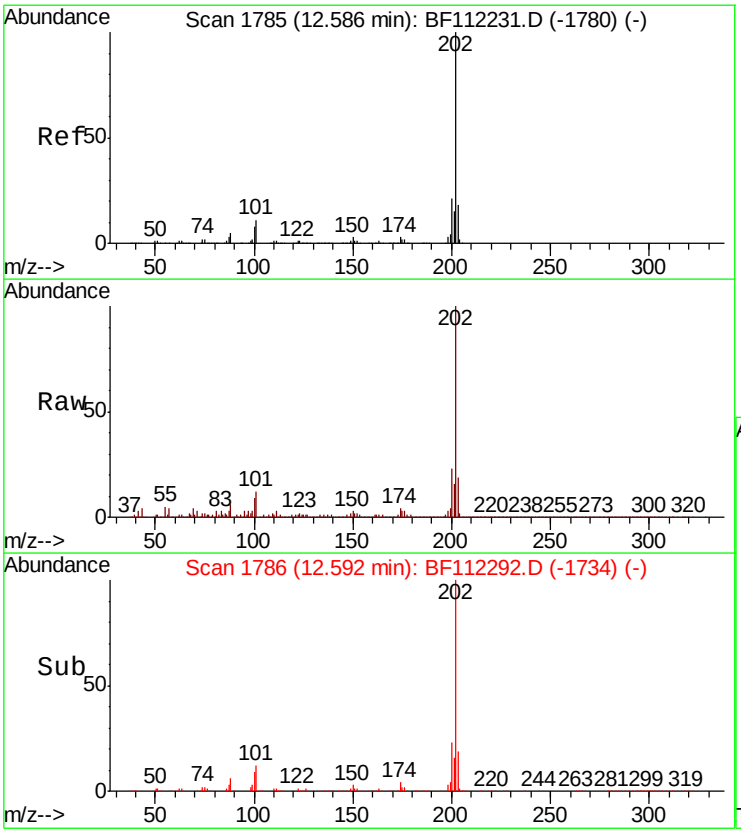
#73
Carbazole
Concen: 5.724 ng
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:167 Resp: 143116

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	18.1	10.2	15.2#

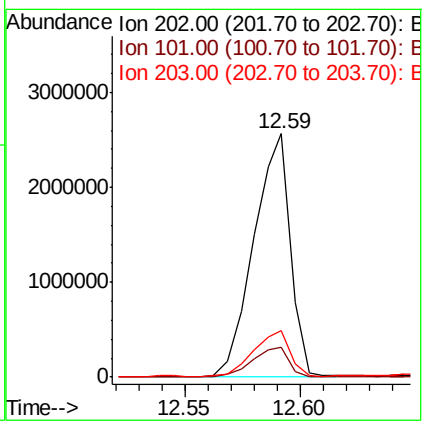


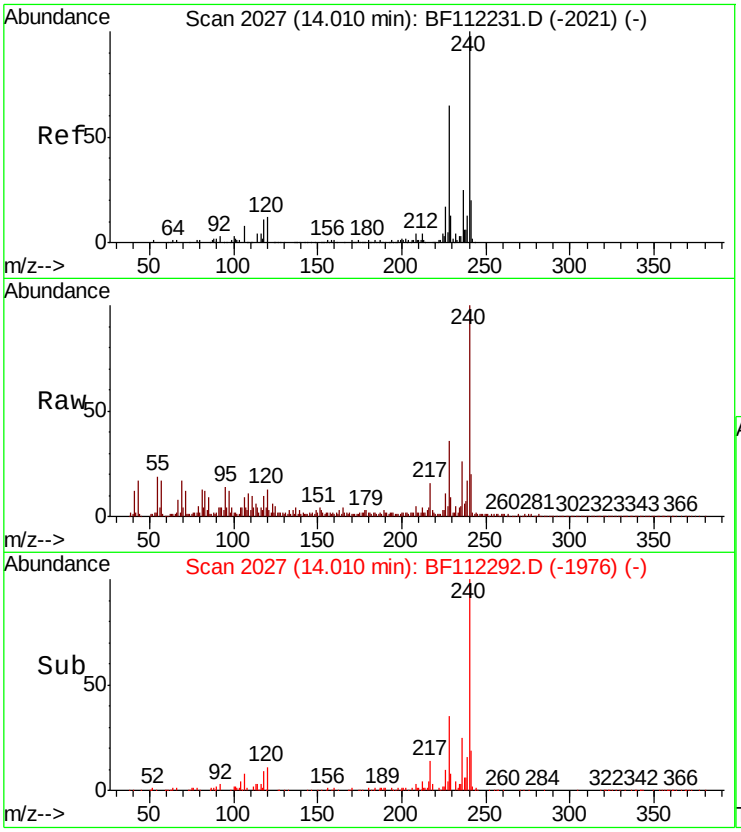


#75
Fluoranthene
Concen: 102.962 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:202 Resp: 2809921

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.8
203	18.9	0.0	38.4



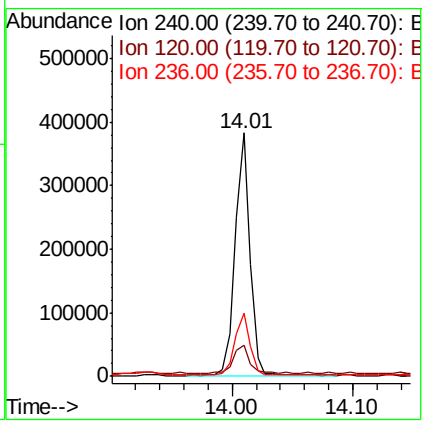


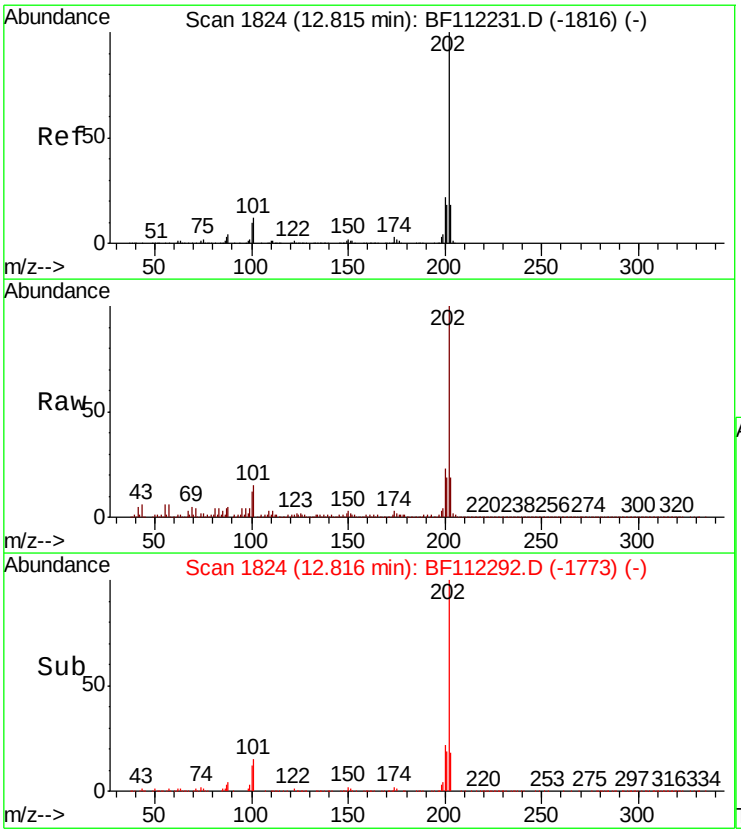
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:240 Resp: 326706

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.6
236	25.9	20.7	31.1

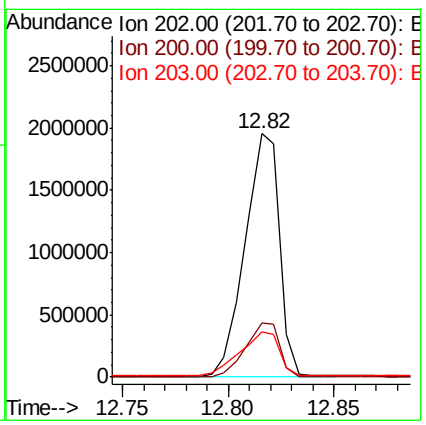


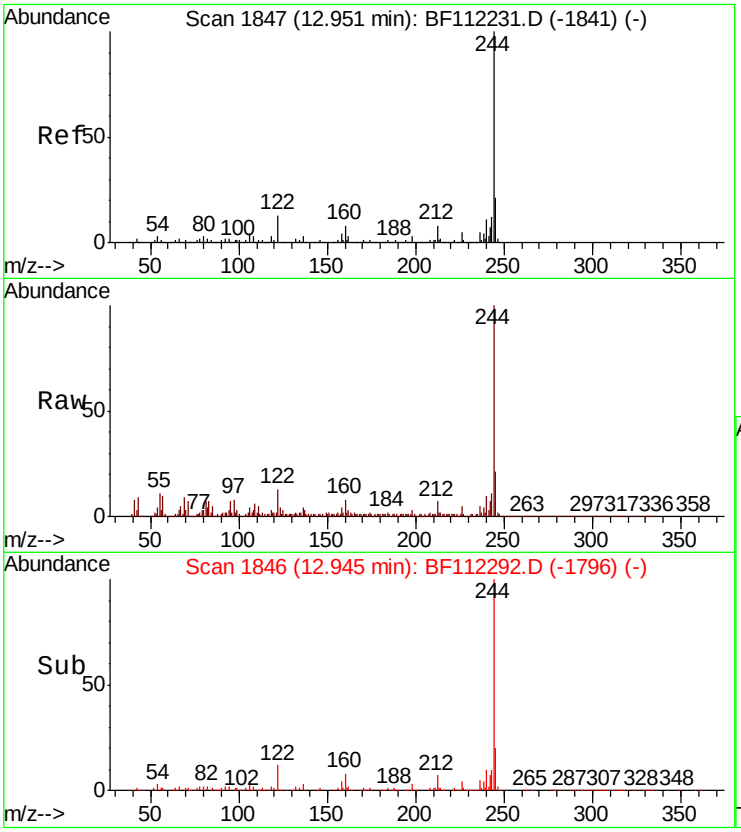


#78
Pyrene
Concen: 97.903 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:202 Resp: 2214494

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.7	26.5
203	18.5	14.6	22.0



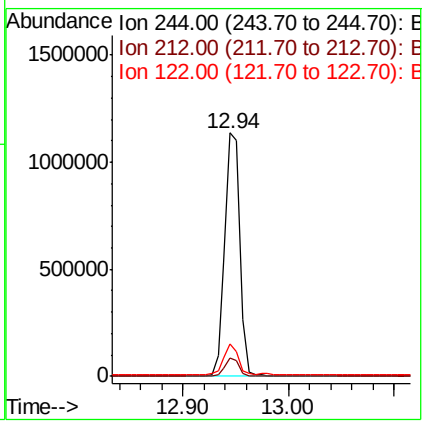


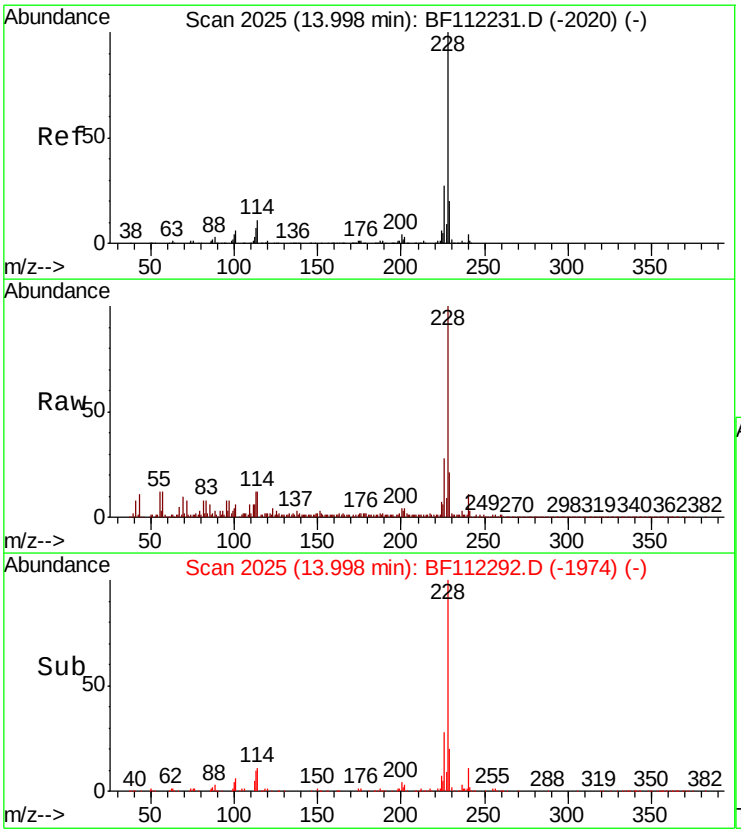
#79
Terphenyl-d14
Concen: 64.565 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:244 Resp: 1119964

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	13.1	9.8	14.6

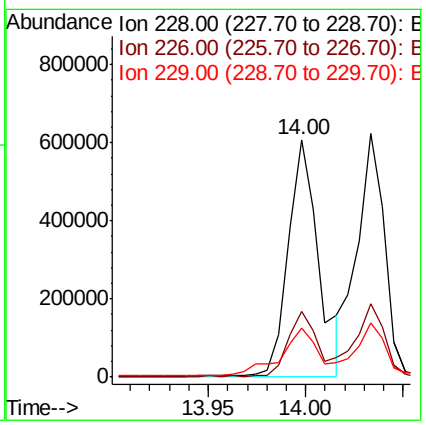


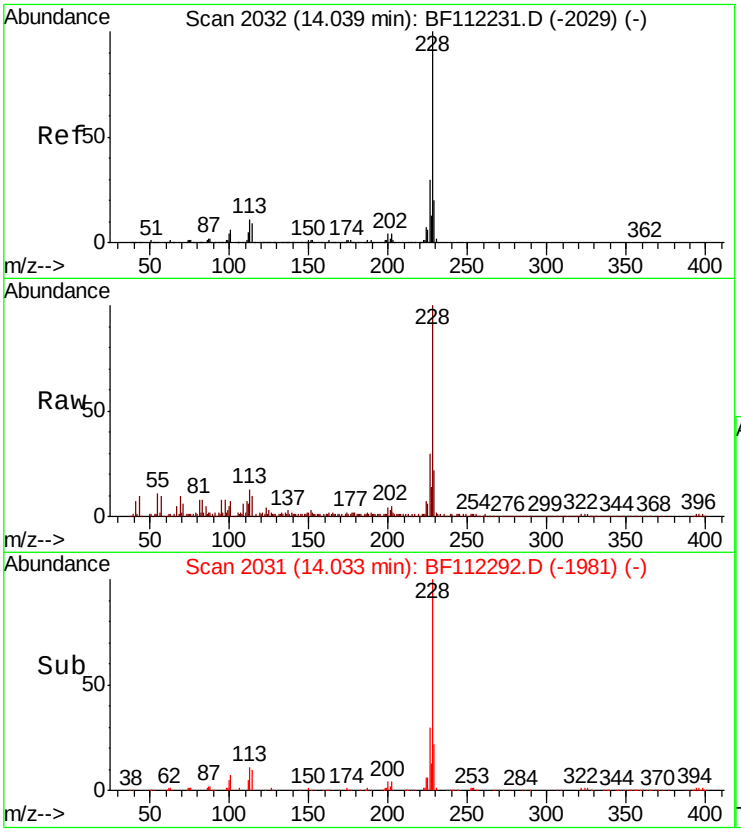


#81
Benzo(a)anthracene
Concen: 33.979 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:228 Resp: 652577

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.9	16.5	24.7



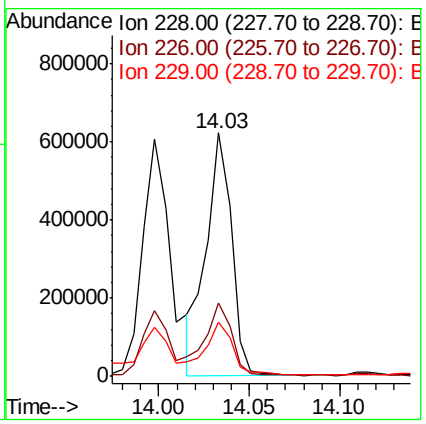


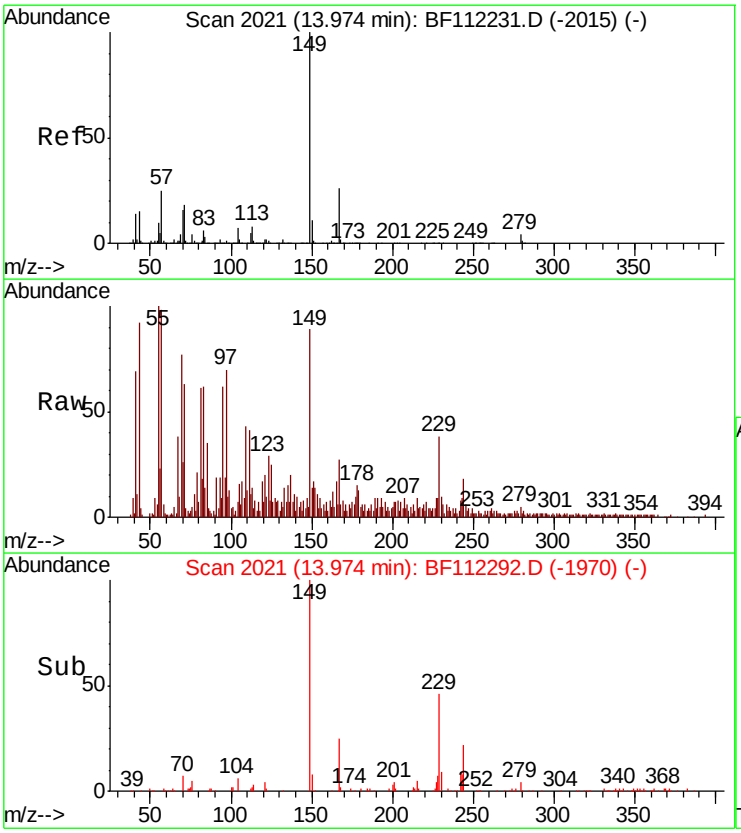
#83
Chrysene
Concen: 33.212 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:228 Resp: 608858

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	22.4	16.6	24.8

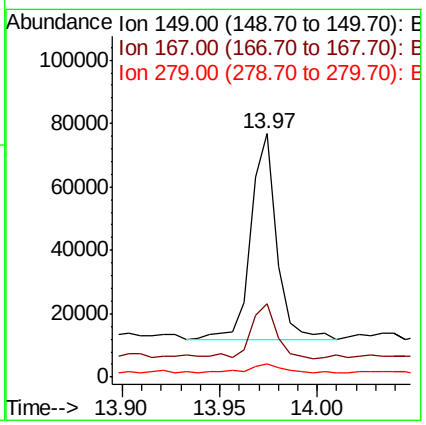


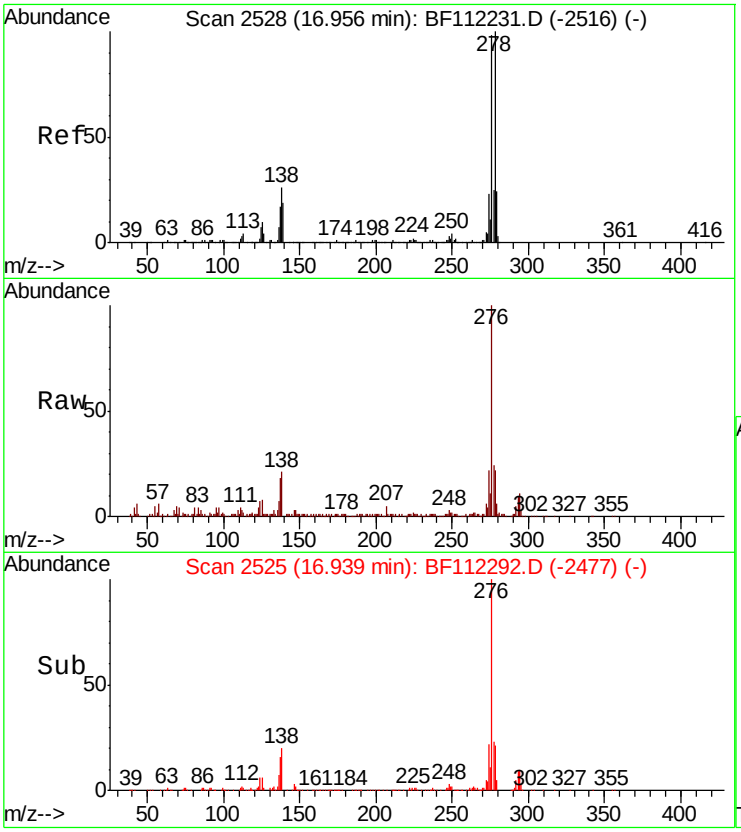


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.887 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:149 Resp: 60387

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.5	33.7
279	5.4	3.8	5.6



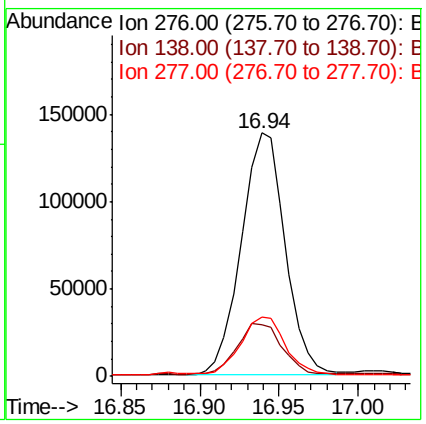


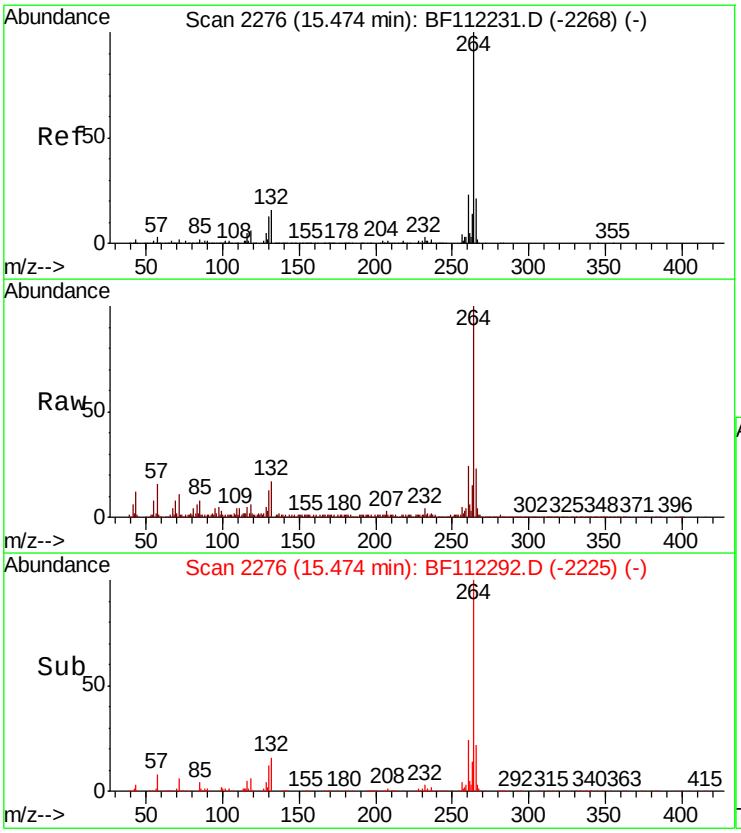
#86
Indeno(1,2,3-cd)pyrene
Concen: 18.380 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:276 Resp: 266999

Ion	Ratio	Lower	Upper
276	100		
138	21.8	22.6	34.0#
277	24.0	20.3	30.5

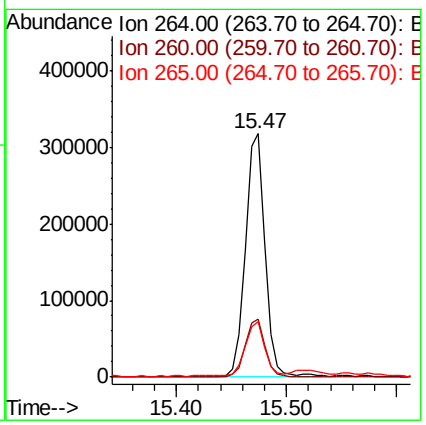


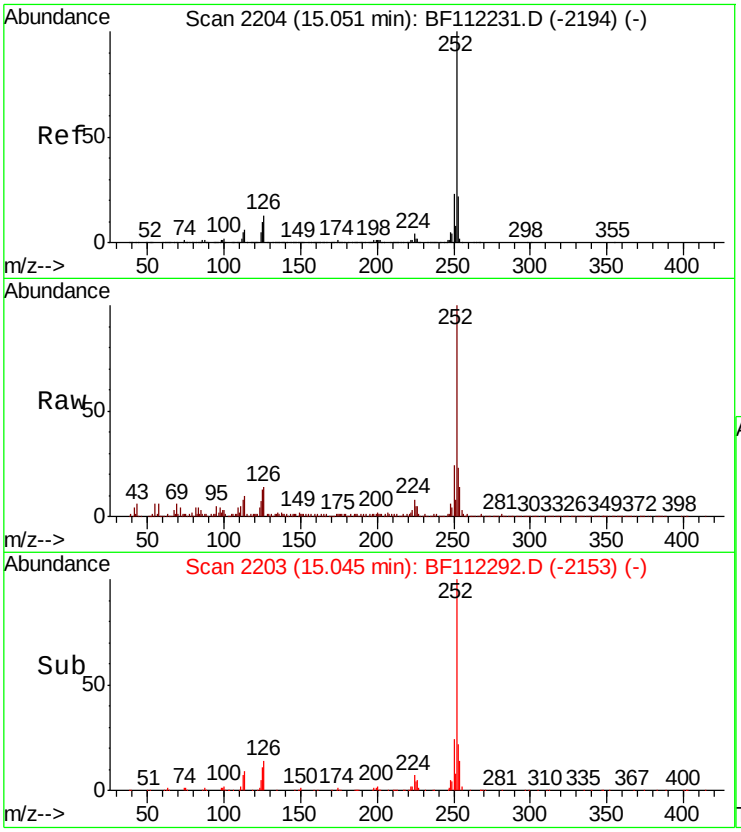


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:264 Resp: 394769

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.5	17.0	25.4



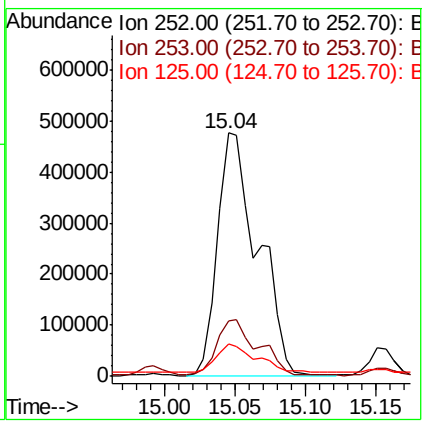


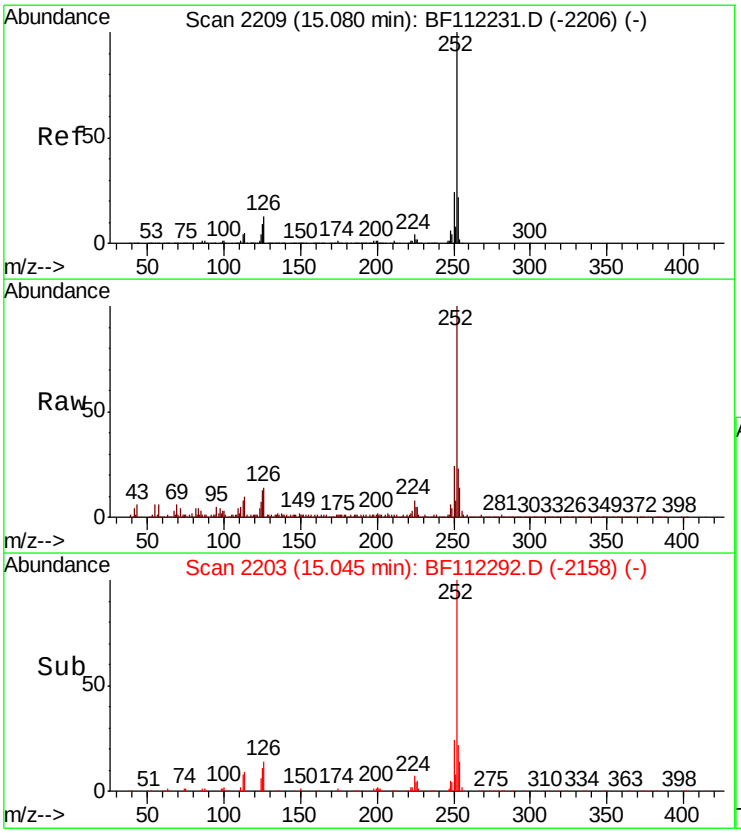
#88
Benzo(b)fluoranthene
Concen: 40.158 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:252 Resp: 948097

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.3	8.7	13.1#

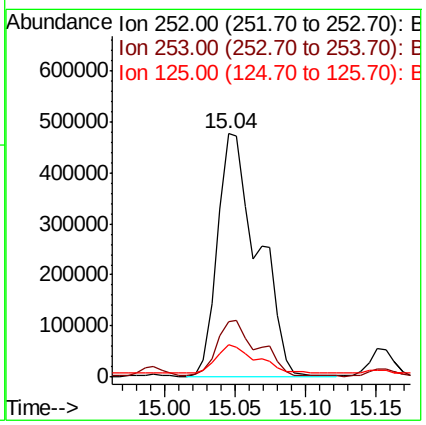


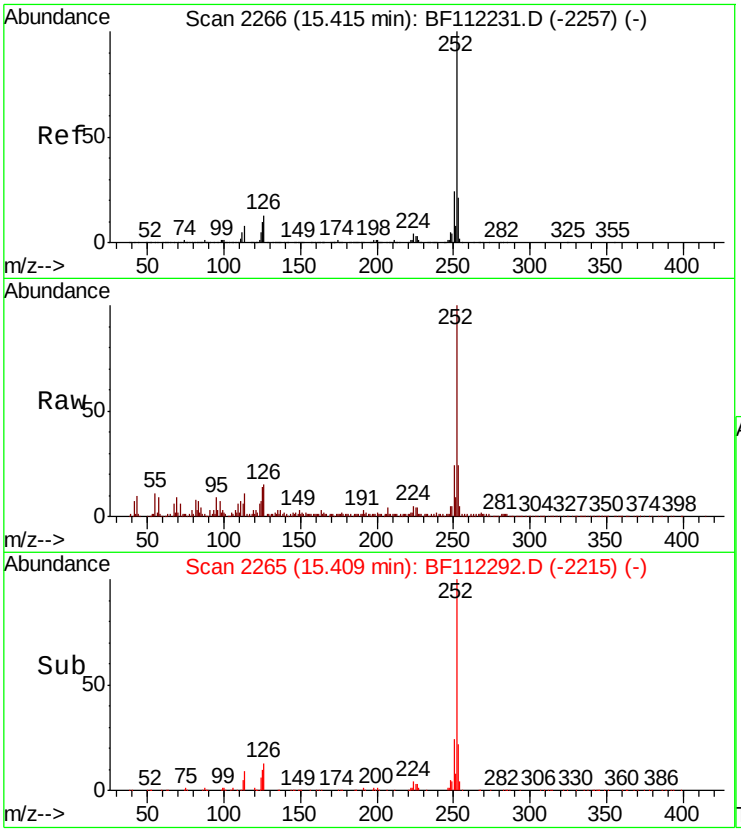


#89
Benzo(k)fluoranthene
Concen: 41.925 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:252 Resp: 948097

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.3	9.1	13.7



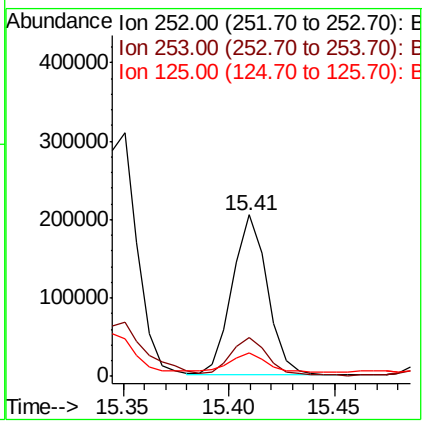


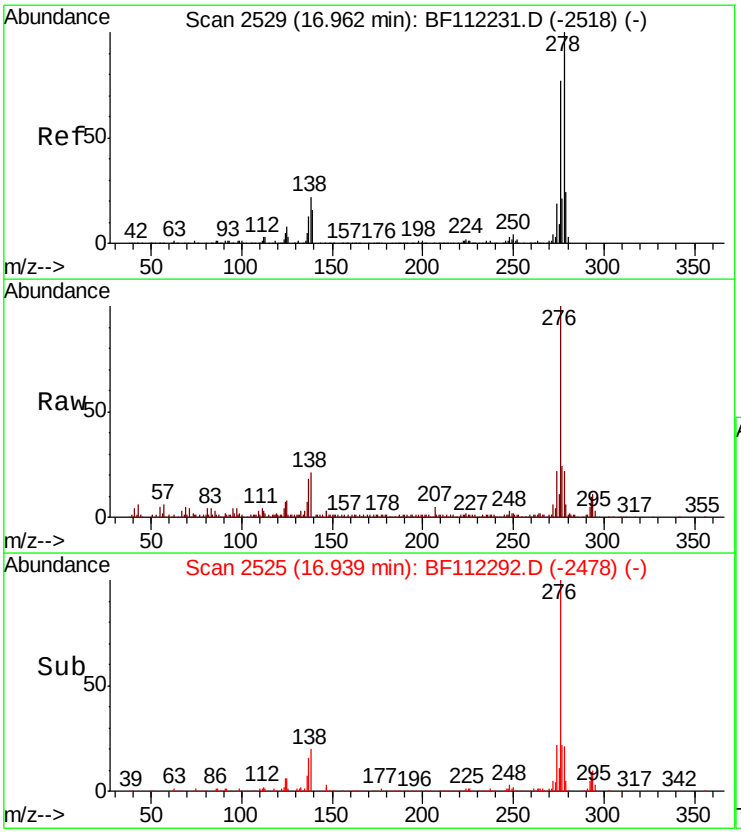
#90
Benzo(a)pyrene
Concen: 11.120 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:252 Resp: 236217

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	14.2	9.0	13.4#

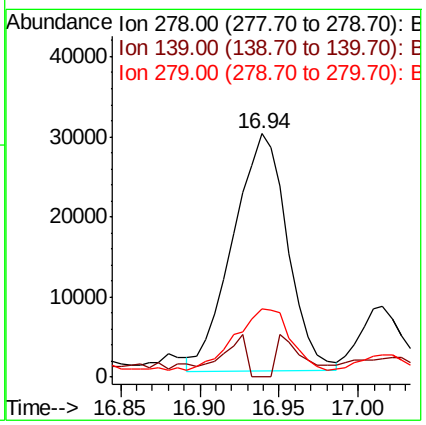


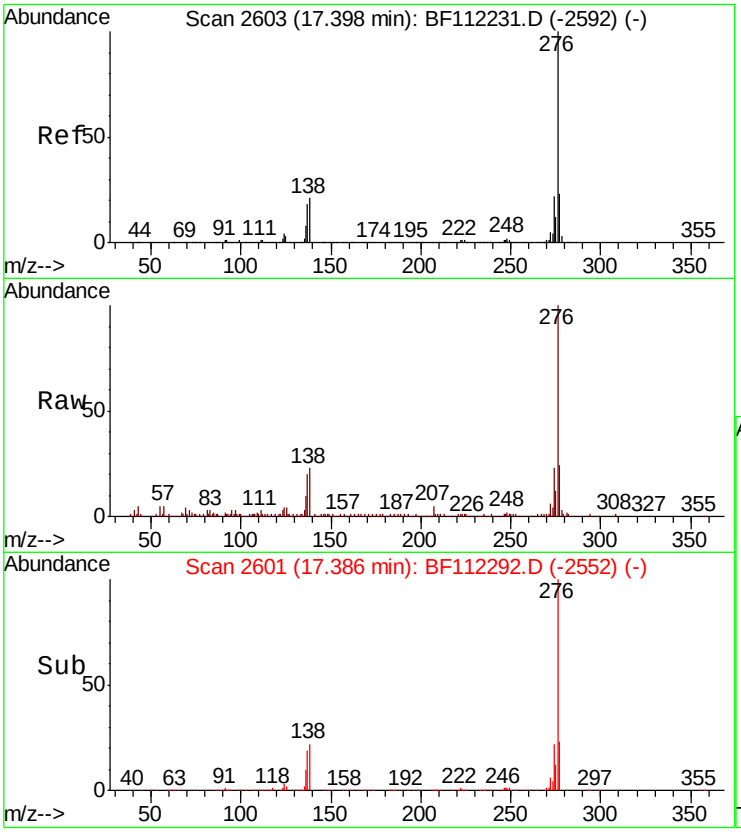


#91
Dibenzo(a,h)anthracene
Concen: 4.140 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Tgt Ion:278 Resp: 70876

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.7	20.5#
279	27.9	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 17.984 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BF112292.D
Acq: 29 Jan 2019 13:52

Instrument :
BNA_F
ClientSampleId :
RH-CONCRETE

Tgt Ion:276 Resp: 290487

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.0
138	22.7	19.1	28.7