Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112090.D
Acq On : 17 Jan 2019 15:38
Operator : JU/SJ
Sample : K1167-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CLOVER-YARD-B

Quant Time: Jan 18 00:08:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	314398	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1137607	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	513824	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	844913	20.00	ng		0.00
76) Chrysene-d12	14.03	240	716490	20.00	ng		0.00
87) Perylene-d12	15.50	264	616314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	2172971	125.45	ng		0.01
7) Phenol-d6	6.51	99	2735337	126.21	ng		0.00
23) Nitrobenzene-d5	7.42	82	1659013	100.75	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	665571	120.07	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2689583	76.74	ng		0.00
79) Terphenyl-d14	12.97	244	2414694	71.70	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.42	77	4711	Below Cal		#	1
10) Phenol	6.52	94	176399	7.448	ng	#	71
25) Isophorone	7.42	82	1634214	51.384	ng	#	64
26) 2-Nitrophenol	7.76	139	2694	5.946	ng	#	1
31) Naphthalene	8.16	128	119679	2.313	ng		99
32) Benzoic acid	7.93	122	7314	8.351	ng	#	14
49) Acenaphthylene	9.76	152	176773	3.602	ng		99
50) Dimethylphthalate	9.61	163	304294	8.121	ng	#	95
54) 2,4-Dinitrophenol	9.95	184	109	7.802	ng	#	1
56) 4-Nitrophenol	10.02	139	2088	5.979	ng	#	1
57) 2,4-Dinitrotoluene	10.06	165	3185	4.882	ng	#	63
65) 4,6-Dinitro-2-methylphenol	10.52	198	279	10.132	ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	39060	3.980	ng	#	1
71) Phenanthrene	11.41	178	89465	2.104	ng		98
75) Fluoranthene	12.60	202	115494	2.573	ng		99
78) Pyrene	12.83	202	171668	3.632	ng		96
81) Benzo(a)anthracene	14.05	228	100077	2.436	ng		96
83) Chrysene	14.05	228	100077	2.575	ng		99
88) Benzo(b)fluoranthene	15.07	252	200893	5.742	ng	#	97
89) Benzo(k)fluoranthene	15.07	252	200893	5.933	ng		97
90) Benzo(a)pyrene	15.43	252	81980	2.555	ng	#	96
92) Benzo(g,h,i)perylene	17.42	276	58523	2.085	ng		97

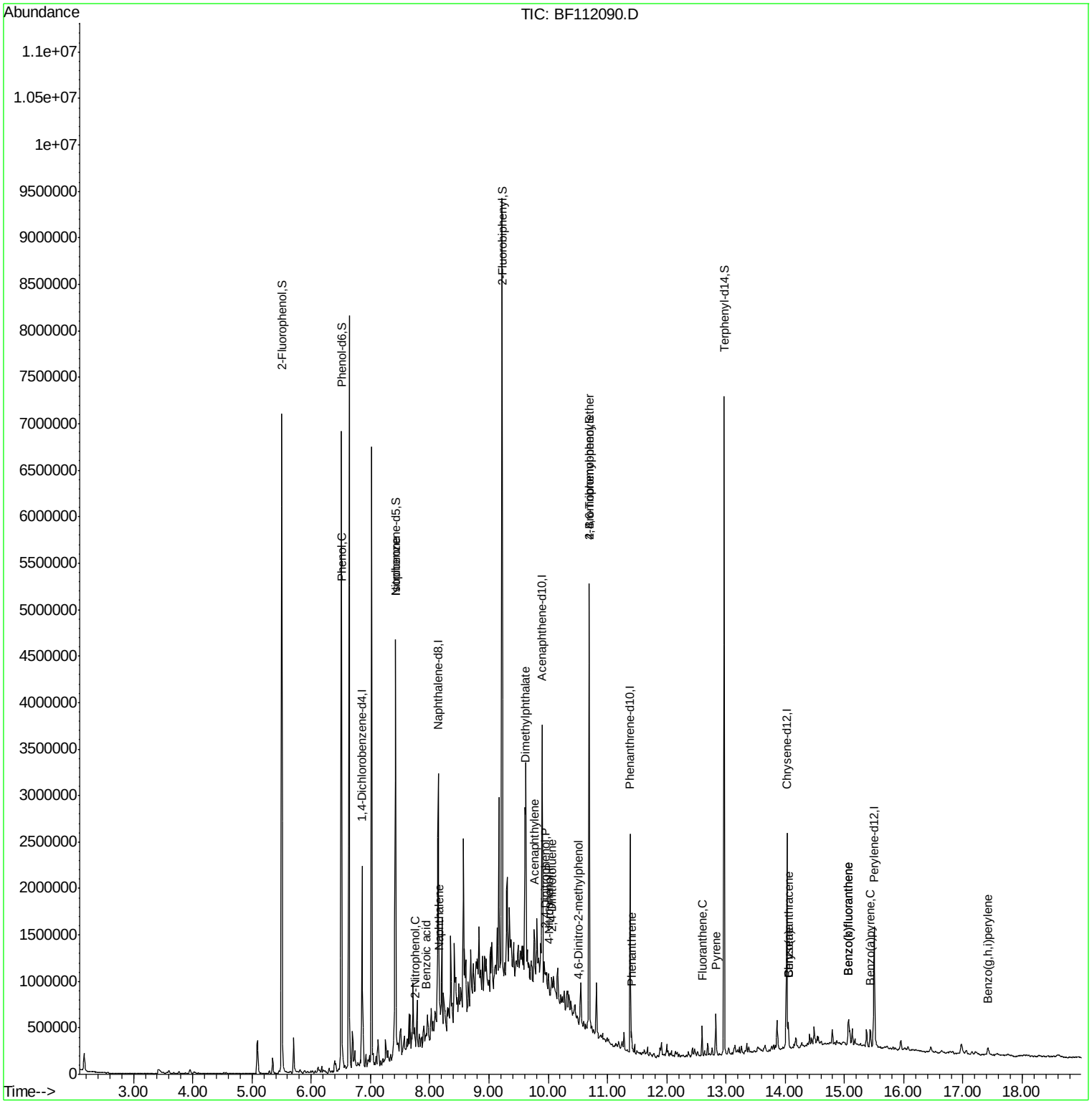
(#) = qualifier out of range (m) = manual integration (+) = signals summed

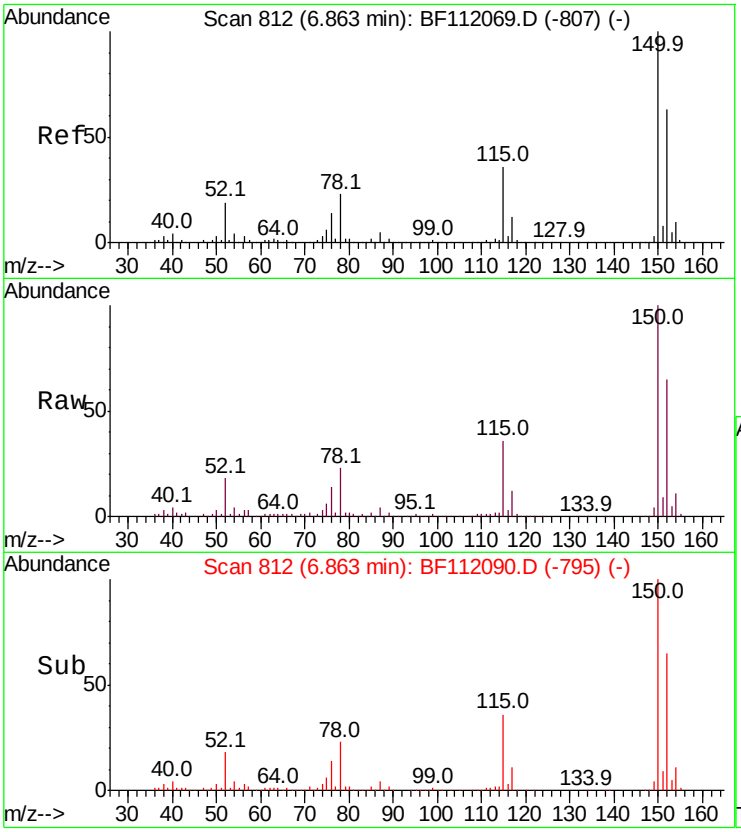
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112090.D
Acq On : 17 Jan 2019 15:38
Operator : JU/SJ
Sample : K1167-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Quant Time: Jan 18 00:08:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



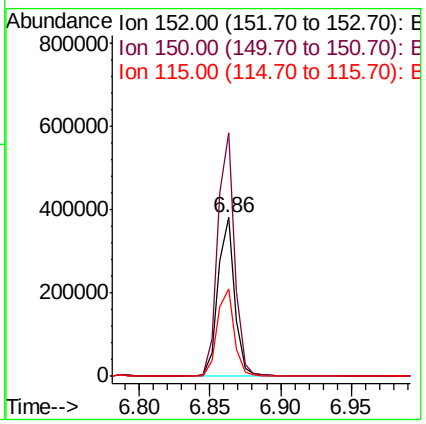


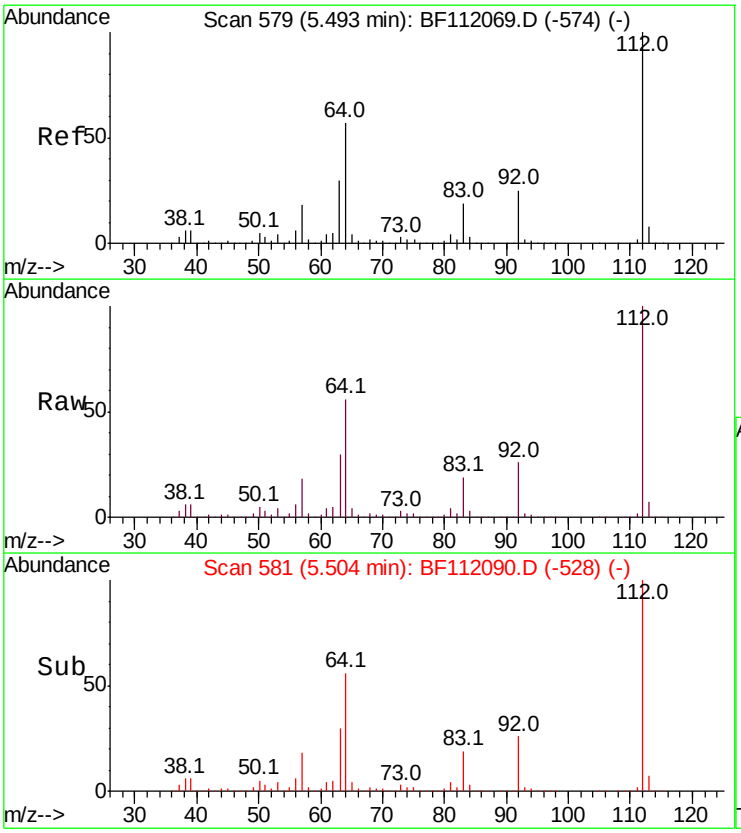
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:152 Resp: 314398

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	55.4	45.5	68.3

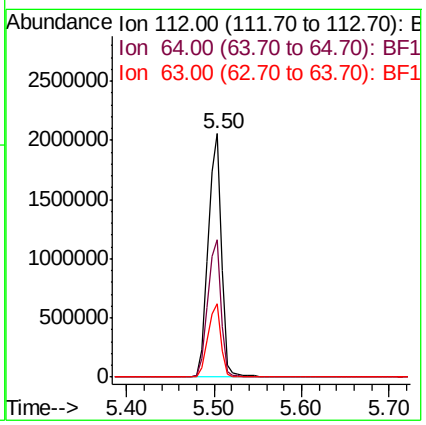


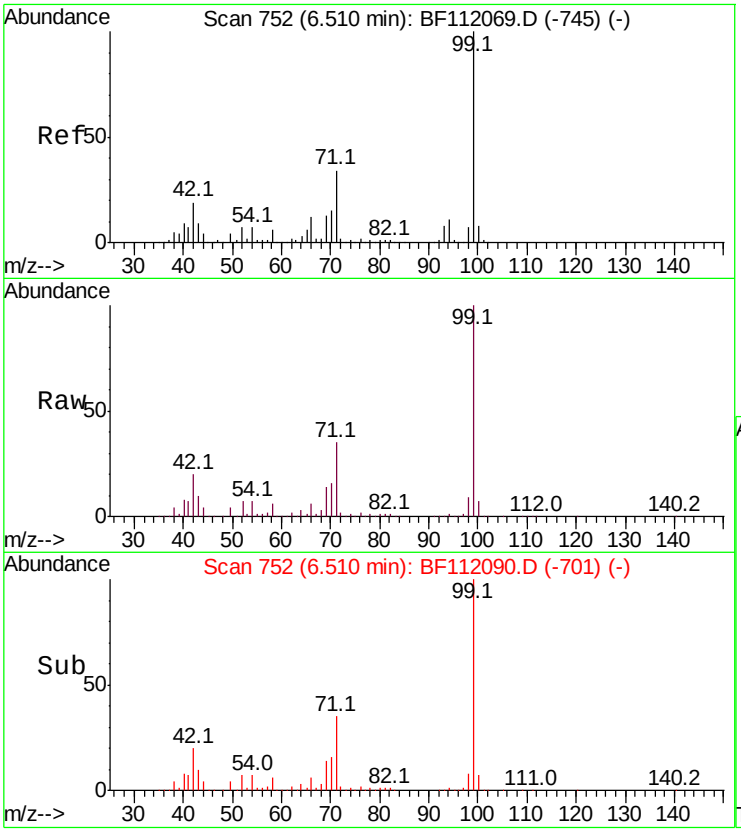


#5
2-Fluorophenol
Concen: 125.447 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:112 Resp: 2172971

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.7	68.5
63	30.0	23.6	35.4



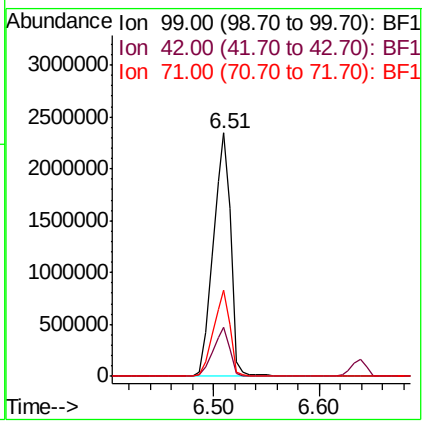


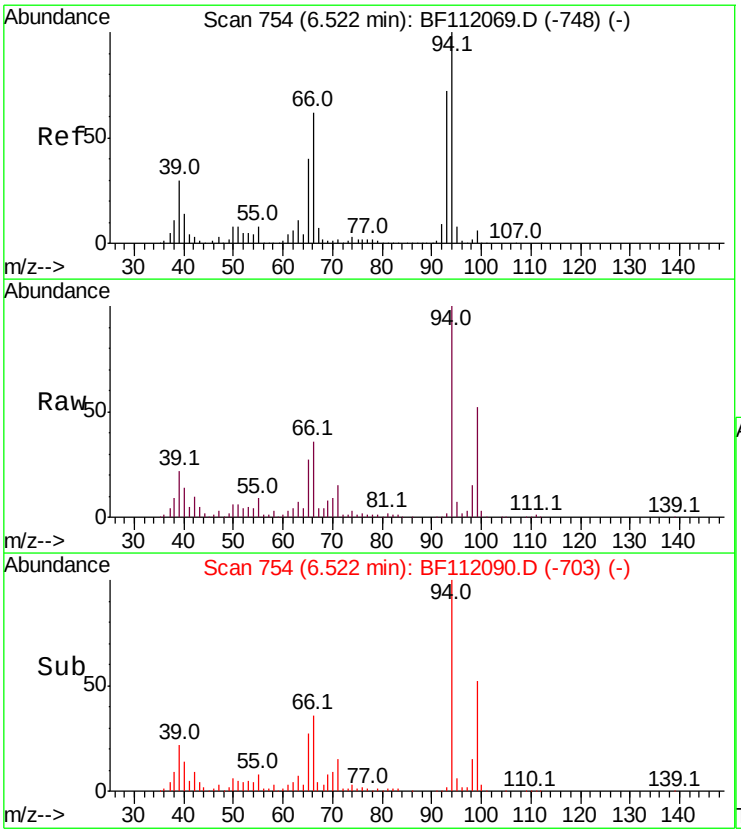
#7
Phenol-d6
Concen: 126.214 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 99 Resp: 2735337

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.1	22.7
71	35.1	26.9	40.3

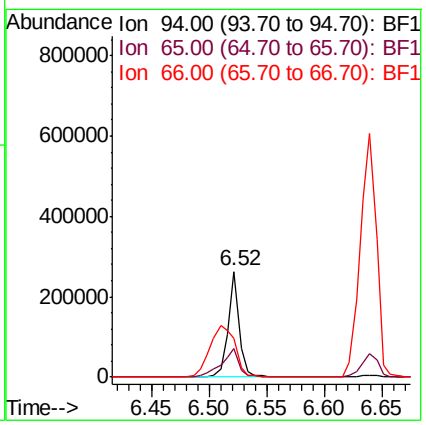


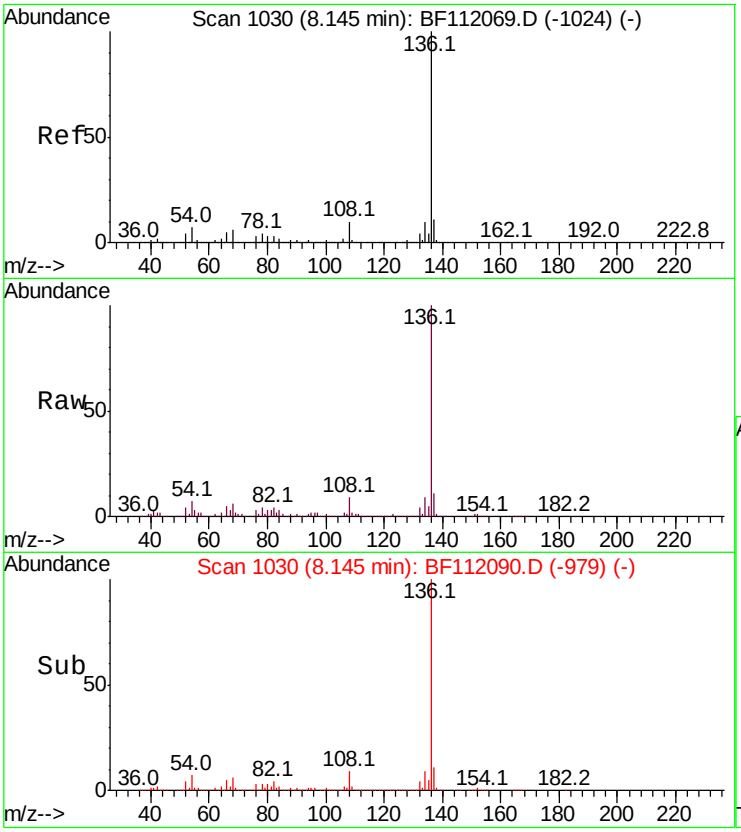


#10
Phenol
Concen: 7.448 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion: 94 Resp: 176399

Ion	Ratio	Lower	Upper
94	100		
65	27.0	20.3	60.3
66	36.2	42.4	82.4#



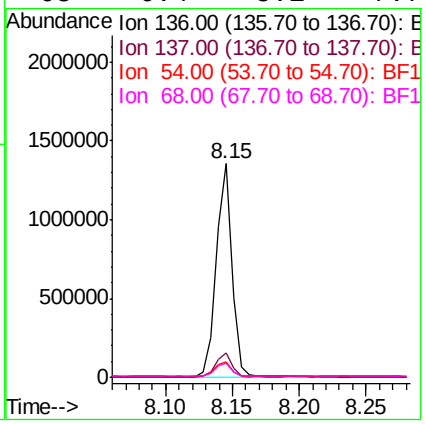


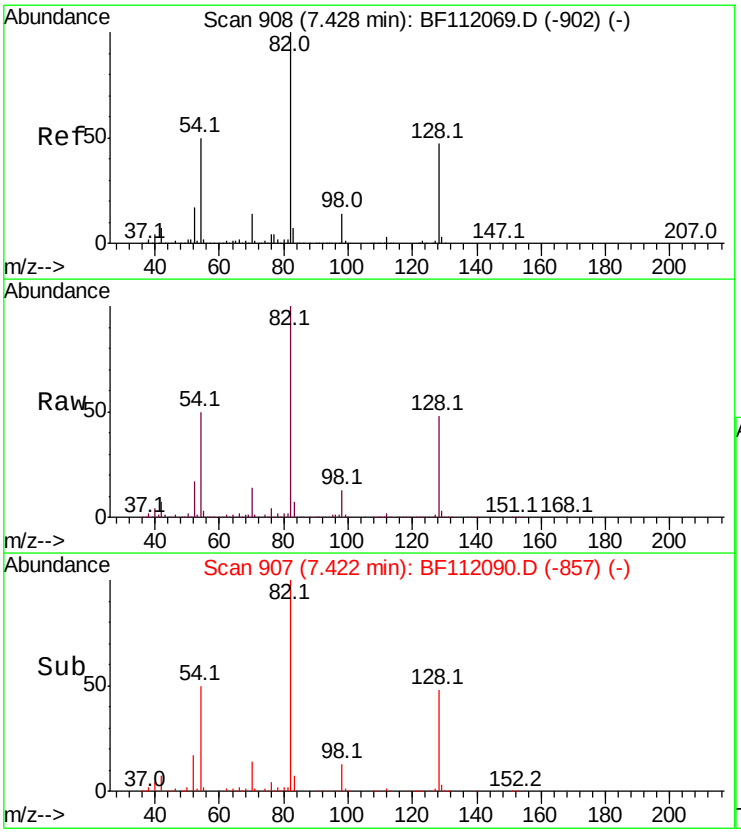
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:136 Resp: 1137607

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.4	5.9	8.9
68	6.4	5.1	7.7

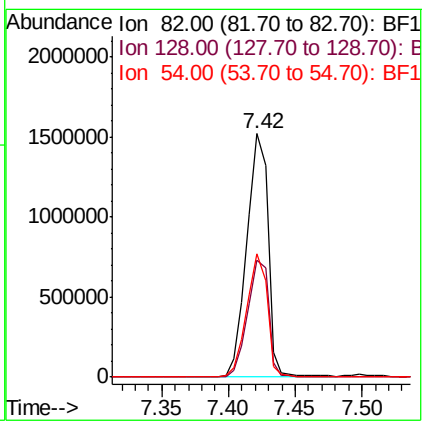


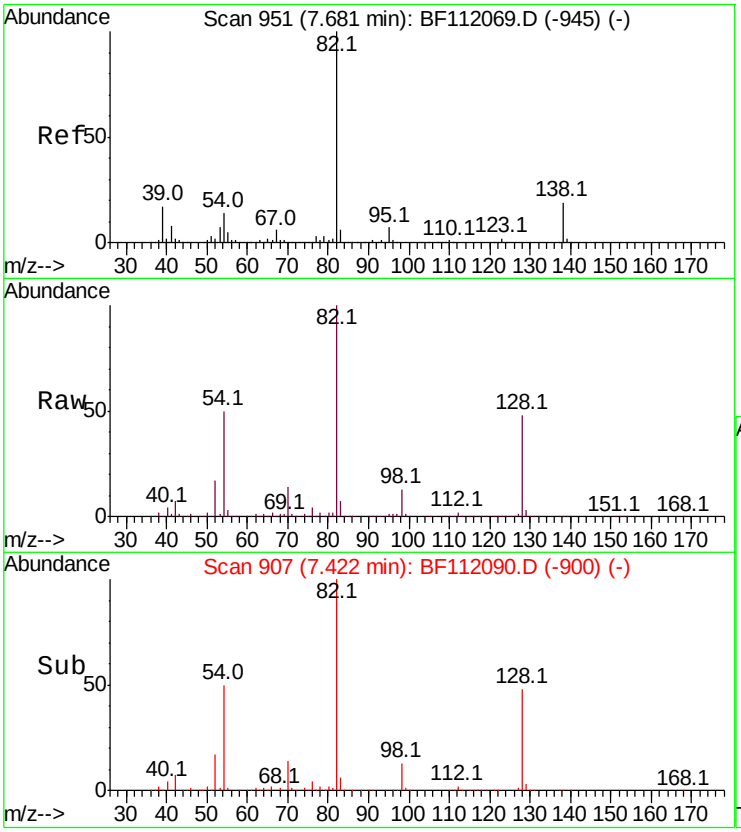


#23
Nitrobenzene-d5
Concen: 100.755 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion: 82 Resp: 1659013

Ion	Ratio	Lower	Upper
82	100		
128	47.8	37.8	56.8
54	50.5	39.7	59.5



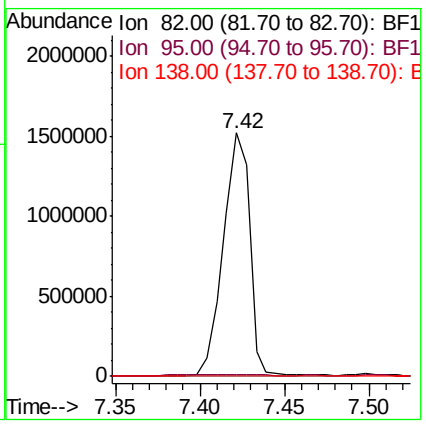


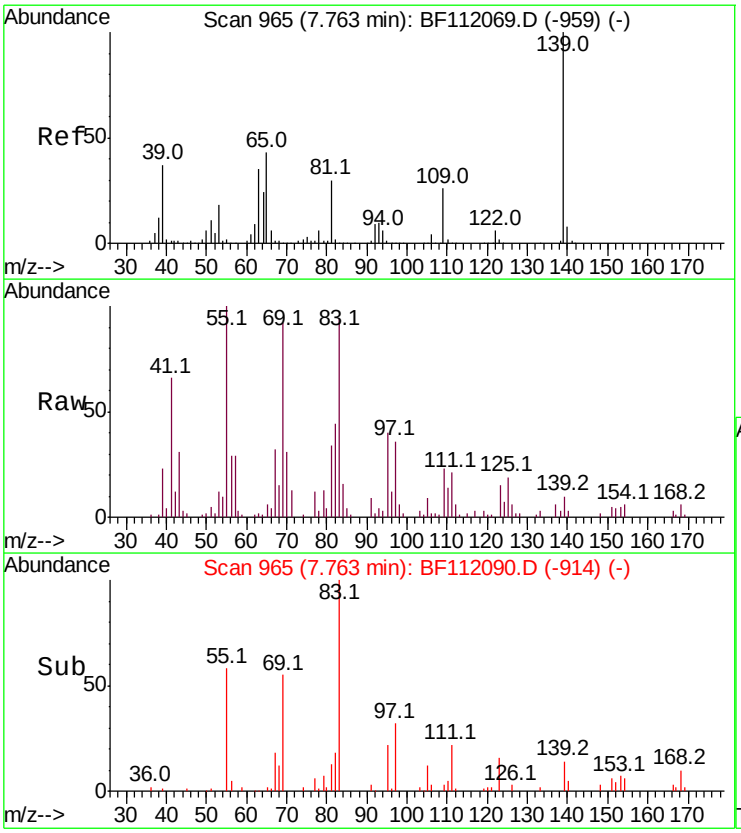
#25
Isophorone
Concen: 51.384 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion: 82 Resp: 1634214

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.7	8.5#
138	0.1	15.4	23.0#

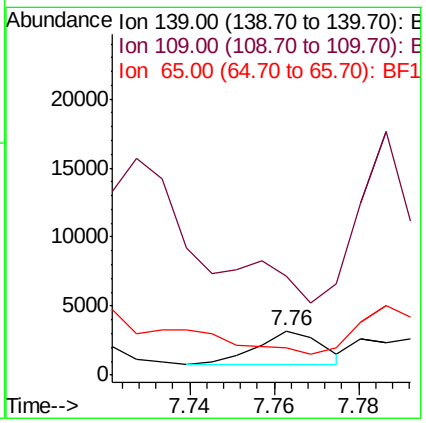


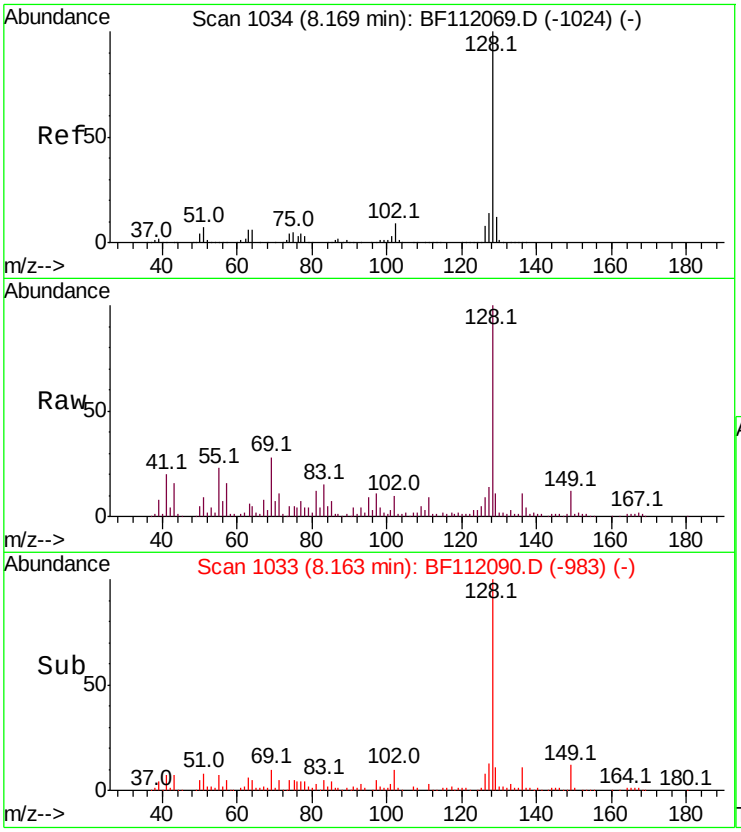


#26
2-Nitrophenol
Concen: 5.946 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:139 Resp: 2694

Ion	Ratio	Lower	Upper
139	100		
109	223.3	20.8	31.2#
65	62.0	34.4	51.6#



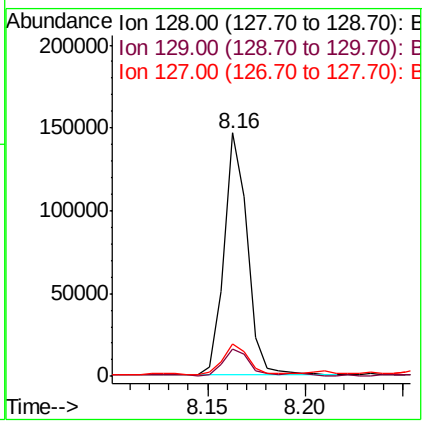


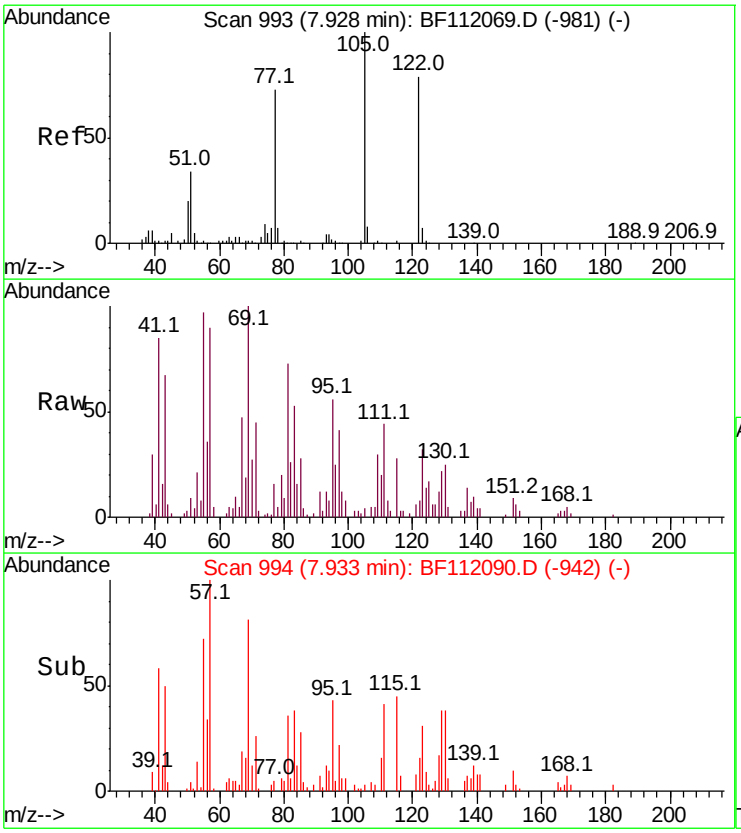
#31
Naphthalene
Concen: 2.313 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:128 Resp: 119679

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.6	11.1	16.7

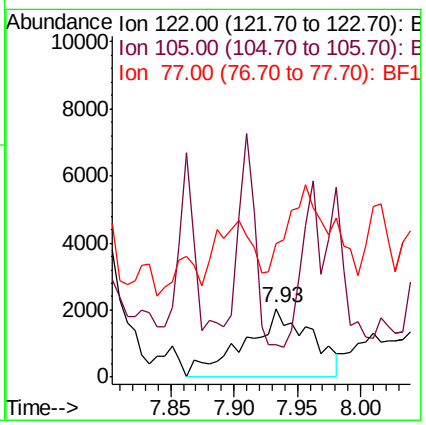


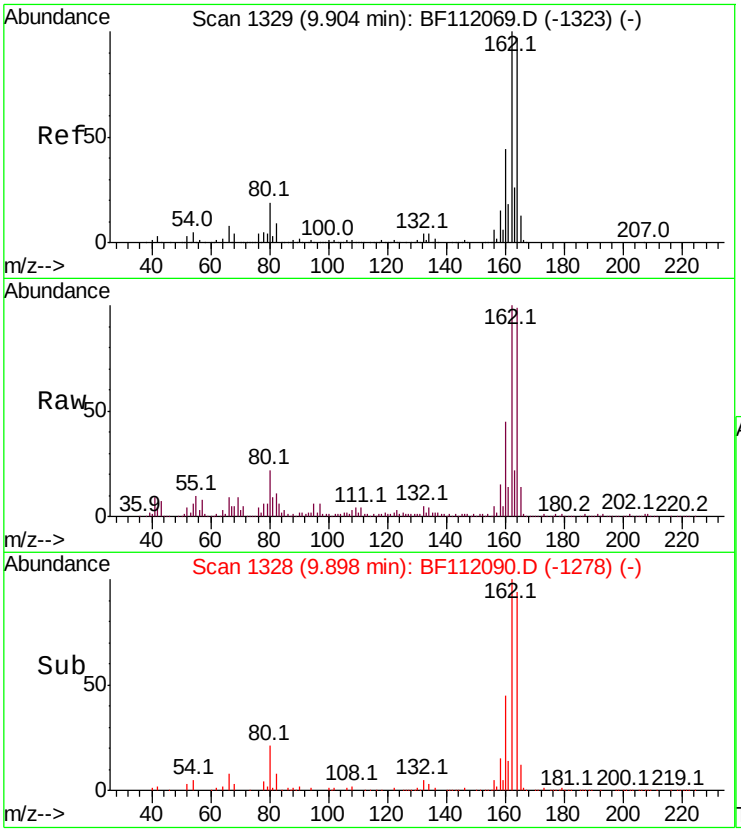


#32
Benzoic acid
Concen: 8.351 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:122 Resp: 7314

Ion	Ratio	Lower	Upper
122	100		
105	46.5	101.2	141.2#
77	195.0	70.4	110.4#



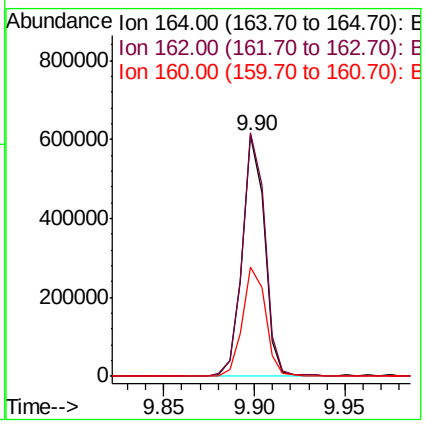


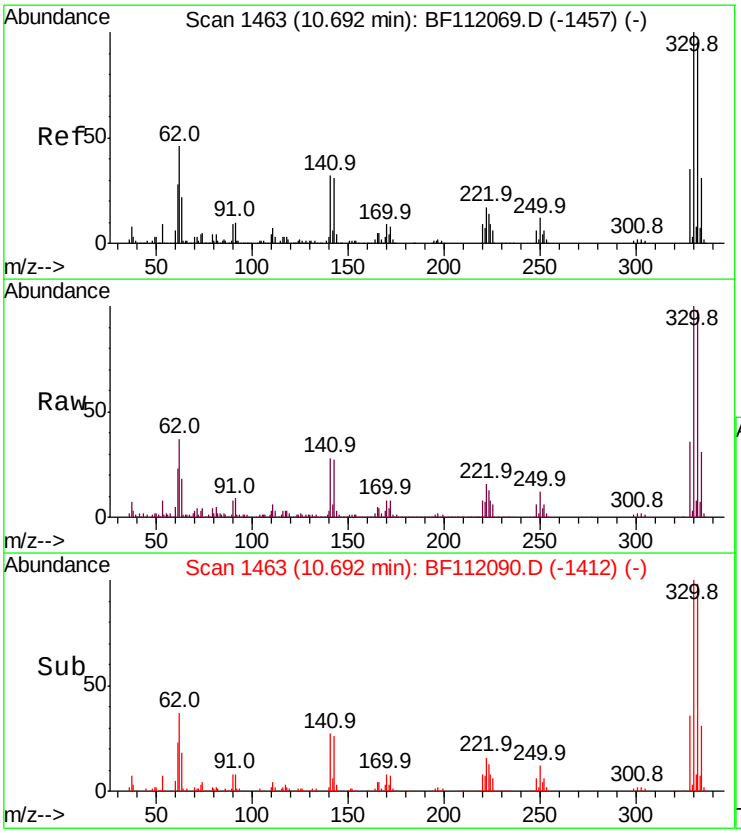
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:164 Resp: 513824

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.4
160	45.1	36.2	54.4

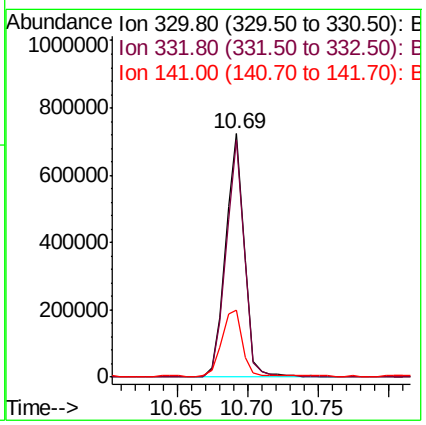


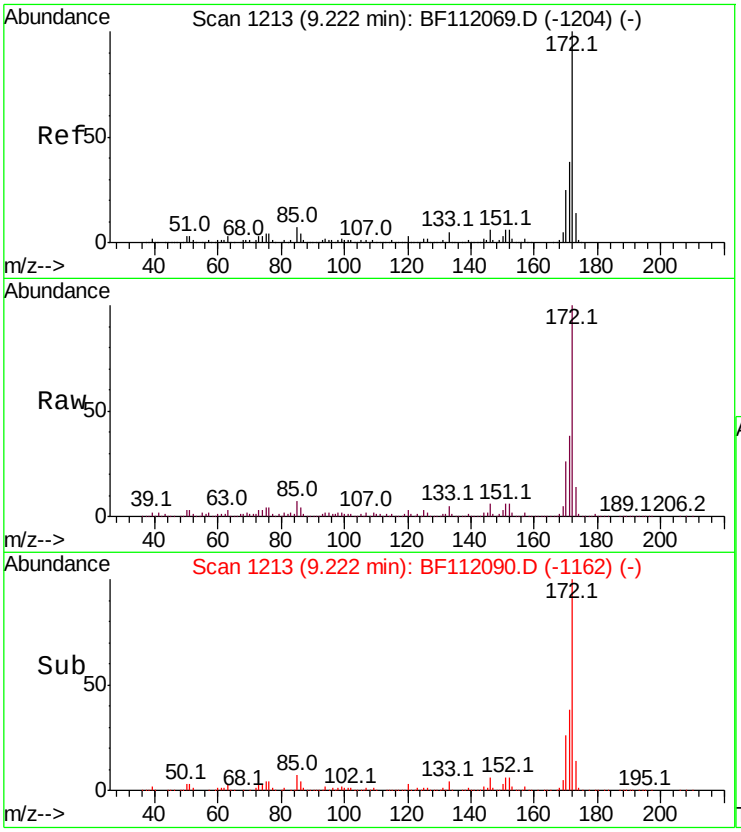


#42
2,4,6-Tribromophenol
Concen: 120.073 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:330 Resp: 665571

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	29.6	24.3	36.5



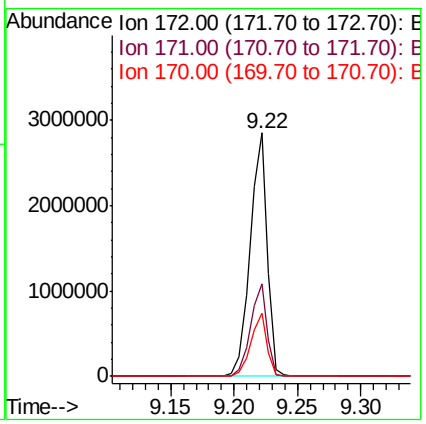


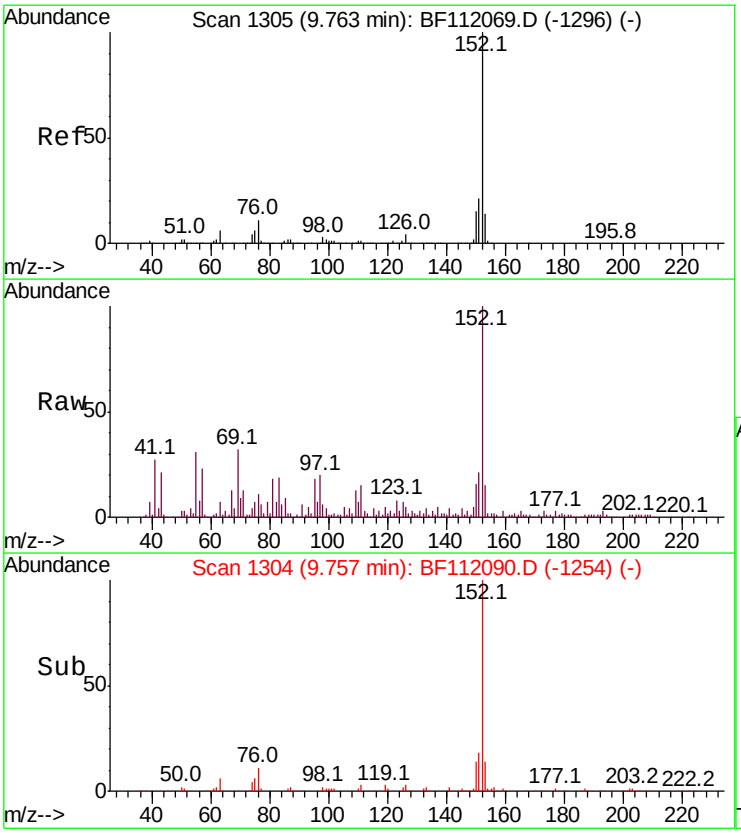
#45
2-Fluorobiphenyl
Concen: 76.743 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:172 Resp: 2689583

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.8	20.2	30.4

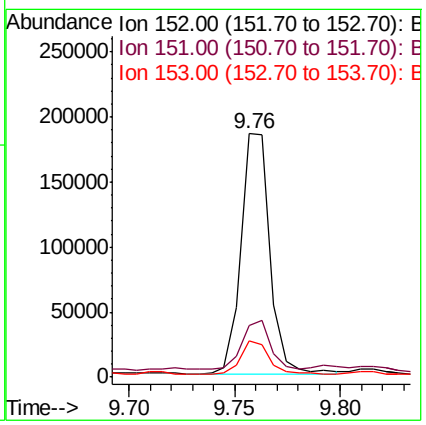


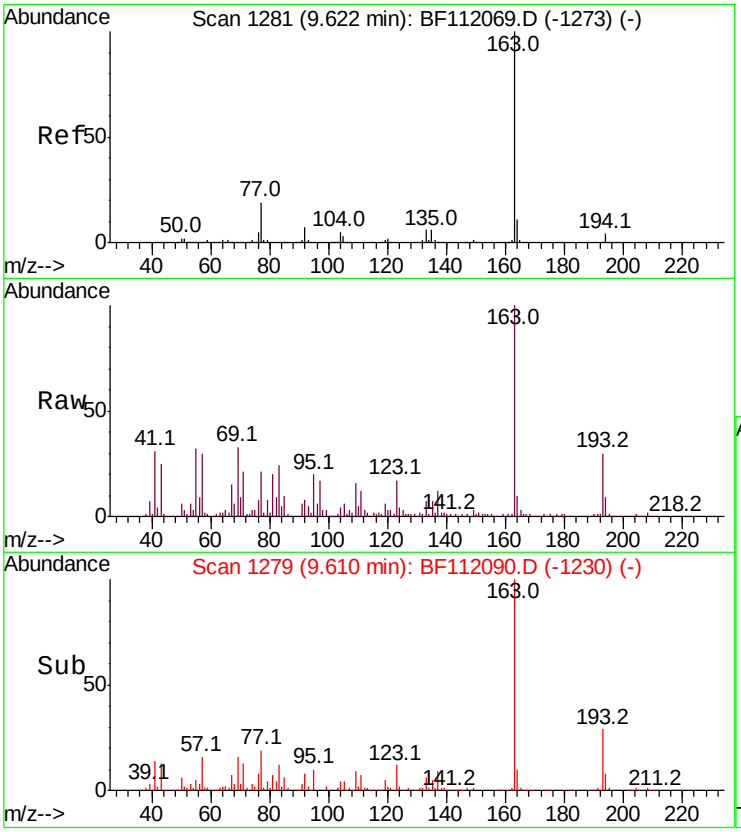


#49
Acenaphthylene
Concen: 3.602 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:152 Resp: 176773

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.0	25.6
153	15.0	11.2	16.8



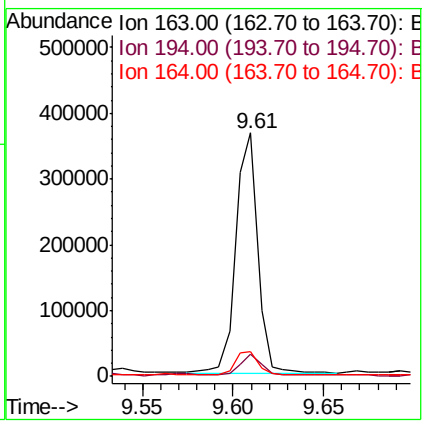


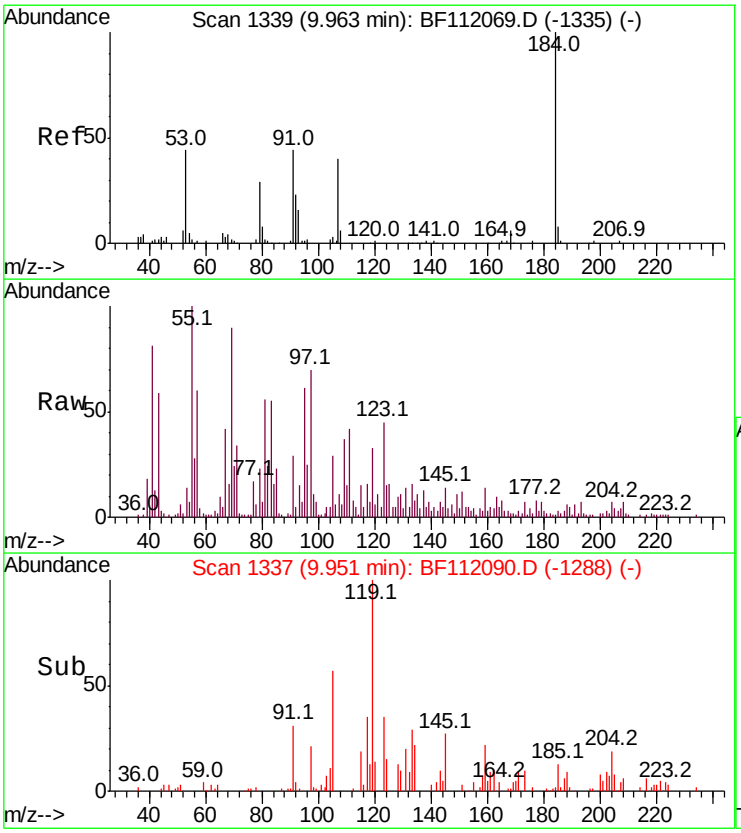
#50
Dimethylphthalate
Concen: 8.121 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:163 Resp: 304294

Ion	Ratio	Lower	Upper
163	100		
194	9.0	3.3	4.9#
164	10.3	8.5	12.7

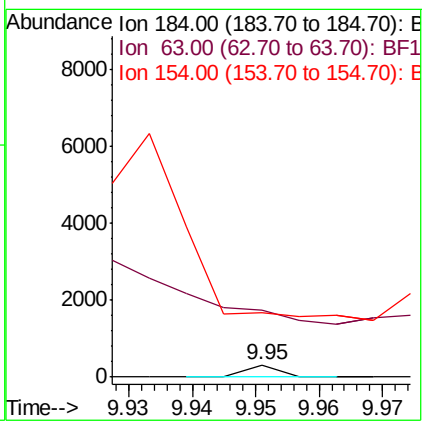


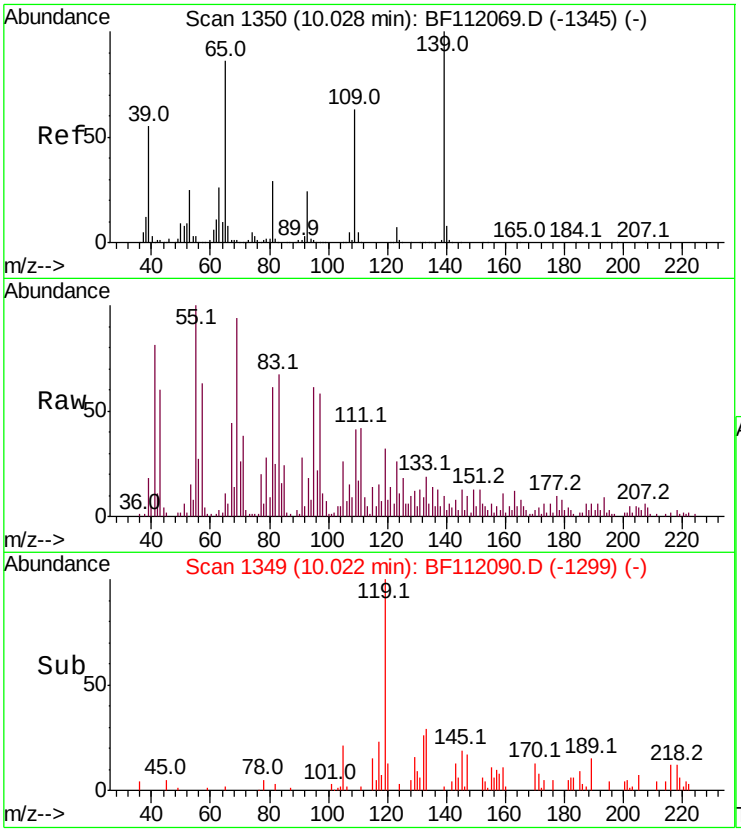


#54
2,4-Dinitrophenol
Concen: 7.802 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	564.5	47.1	70.7#
154	535.5	48.9	73.3#



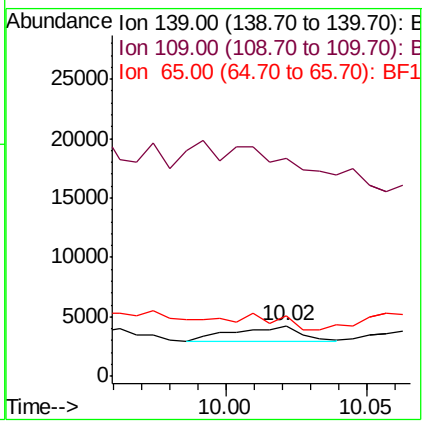


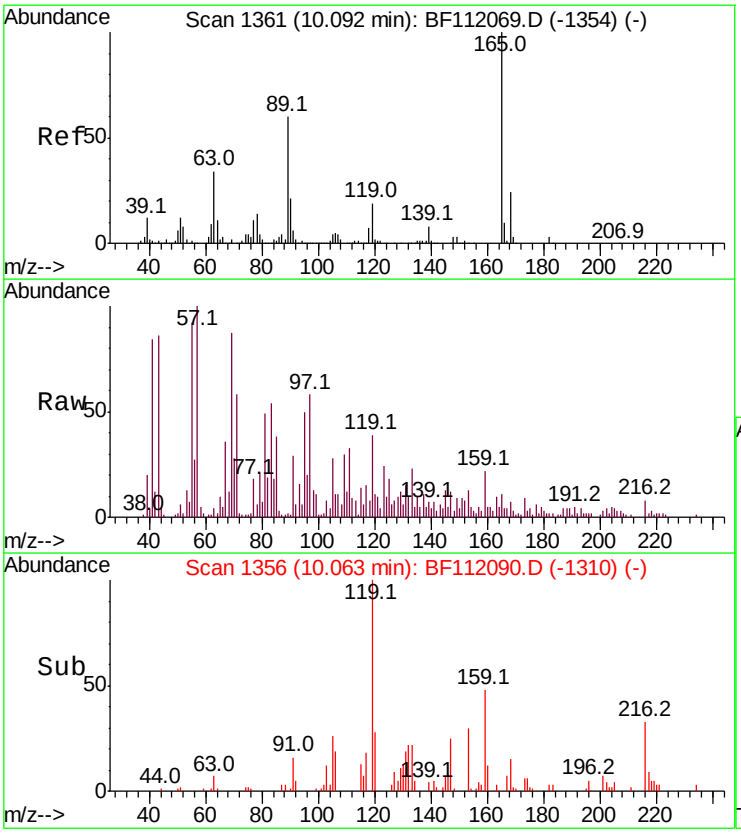
#56
4-Nitrophenol
Concen: 5.979 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:139 Resp: 2088

Ion	Ratio	Lower	Upper
139	100		
109	429.1	42.8	82.8#
65	119.6	66.1	106.1#

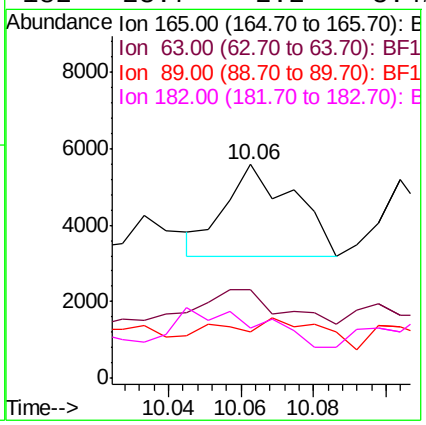


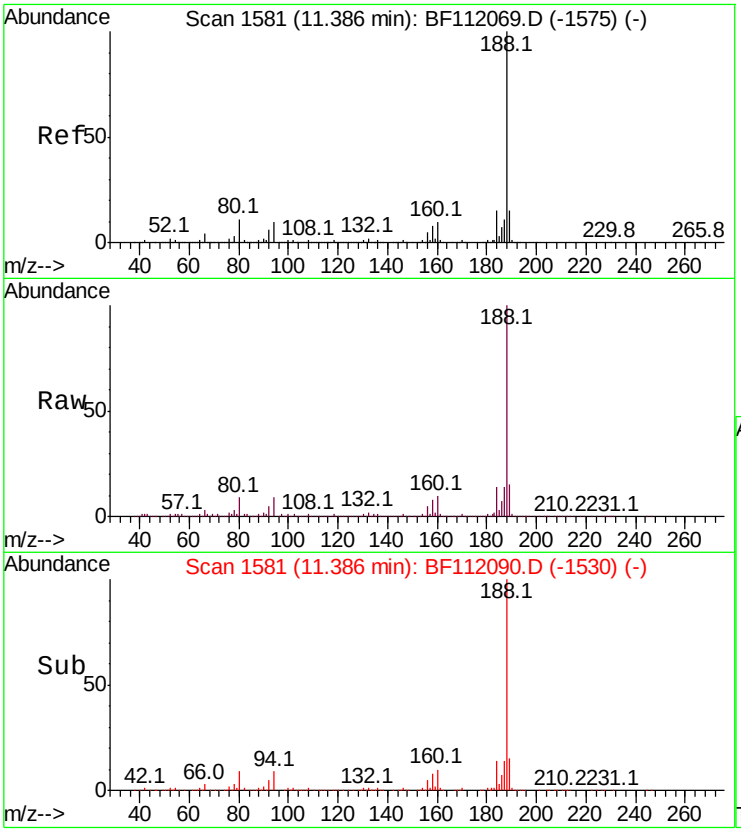


#57
2,4-Dinitrotoluene
Concen: 4.882 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.03 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:165 Resp: 3185

Ion	Ratio	Lower	Upper
165	100		
63	41.3	27.9	41.9
89	21.8	47.9	71.9#
182	23.7	2.2	3.4#



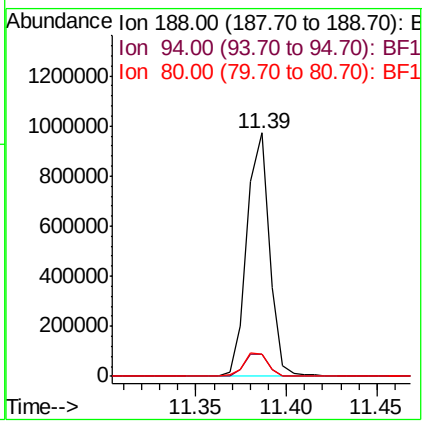


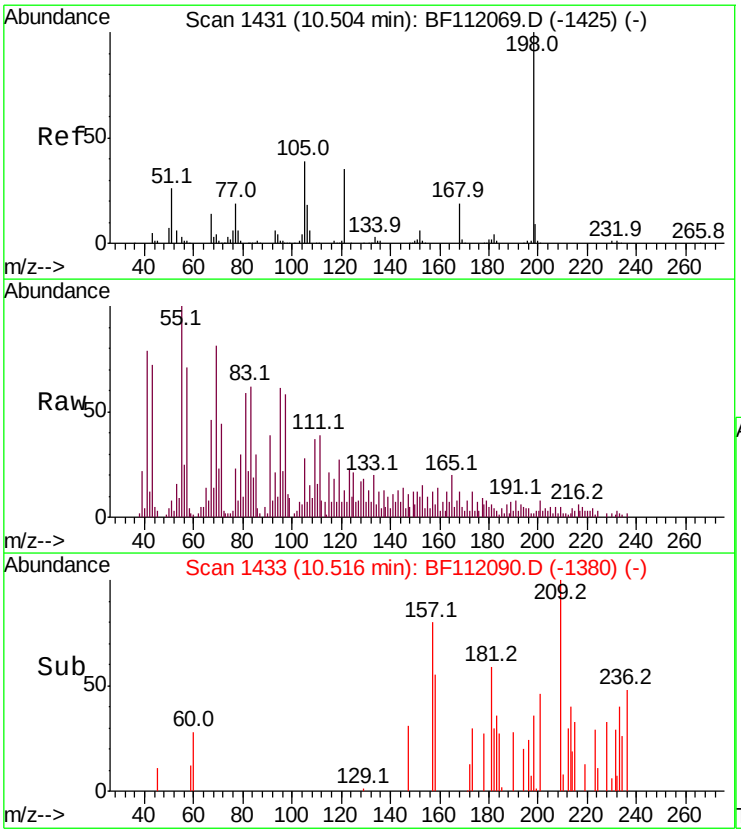
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:188 Resp: 844913

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.3	8.9	13.3

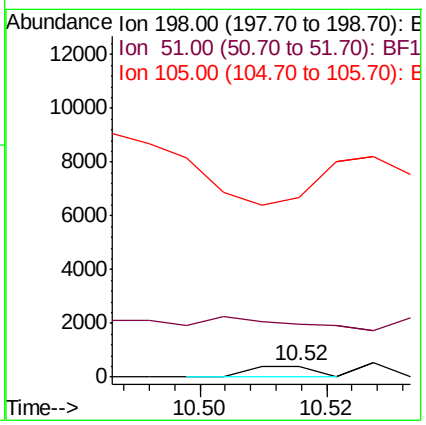


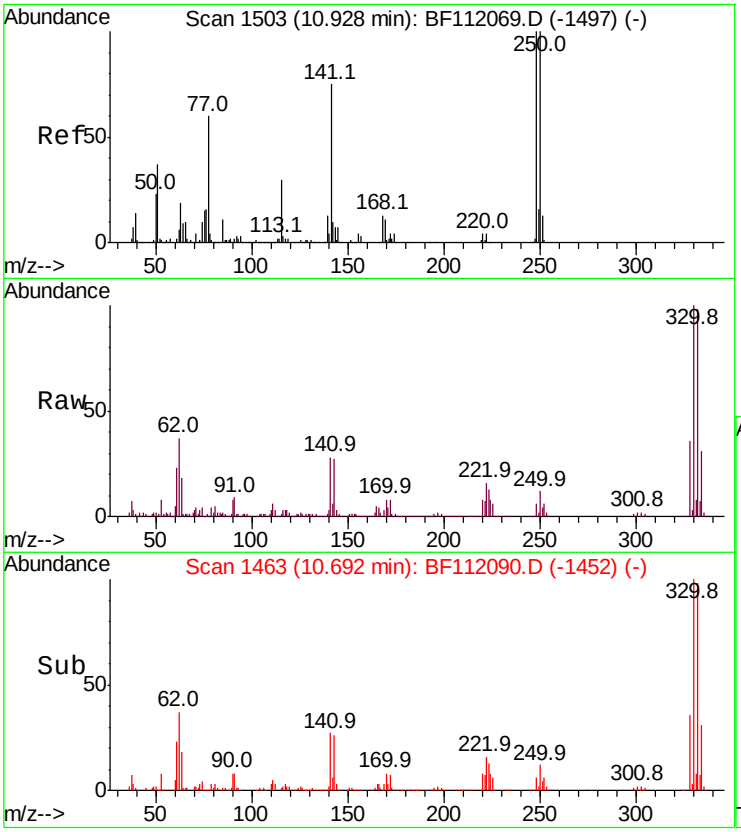


#65
4,6-Dinitro-2-methylphenol
Concen: 10.132 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:198 Resp: 279

Ion	Ratio	Lower	Upper
198	100		
51	475.7	17.2	57.2#
105	1614.0	21.9	61.9#



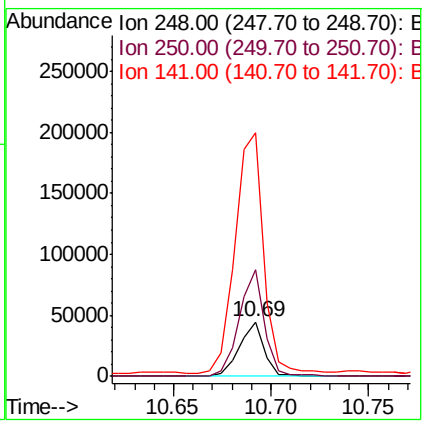


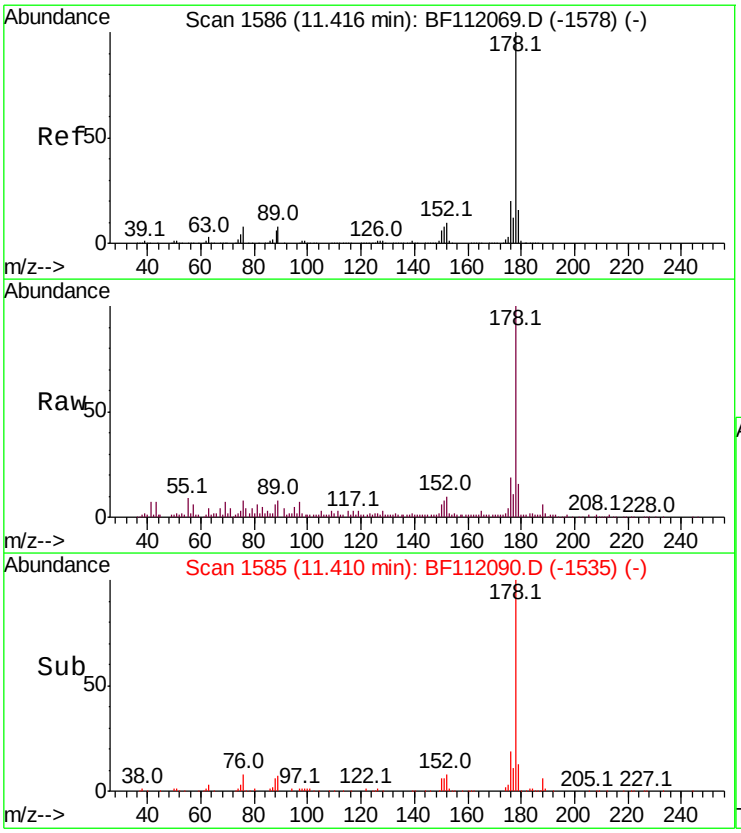
#67
4-Bromophenyl-phenylether
Concen: 3.980 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:248 Resp: 39060

Ion	Ratio	Lower	Upper
248	100		
250	194.6	79.7	119.5#
141	445.2	60.3	90.5#

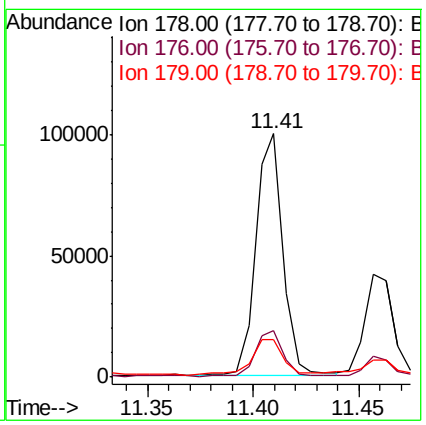


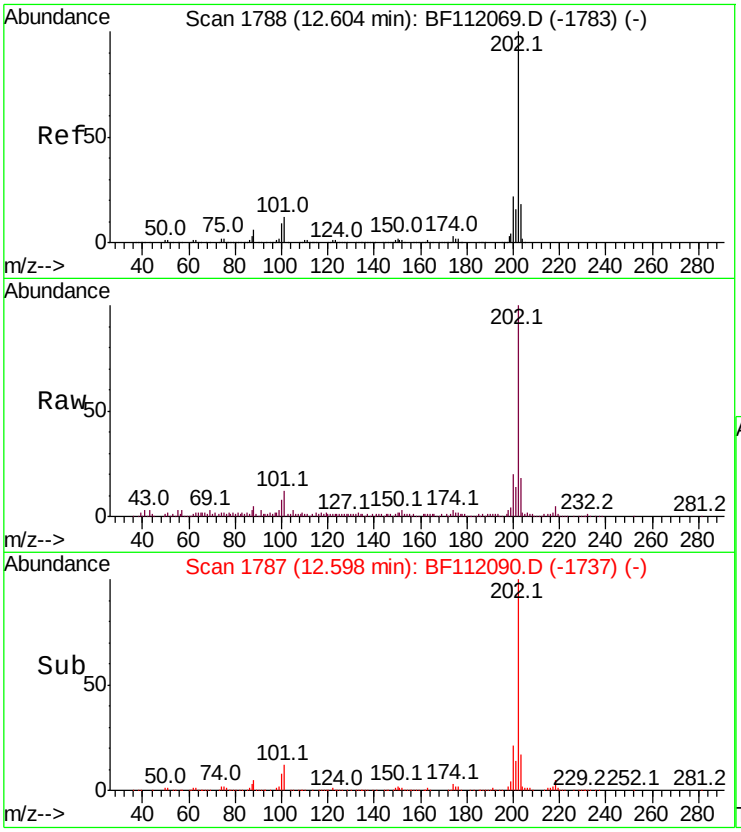


#71
Phenanthrene
Concen: 2.104 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:178 Resp: 89465

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.6	13.0	19.4



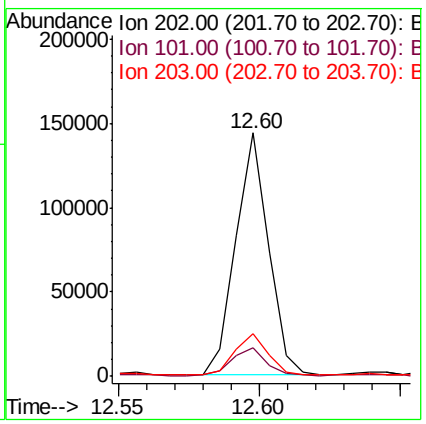


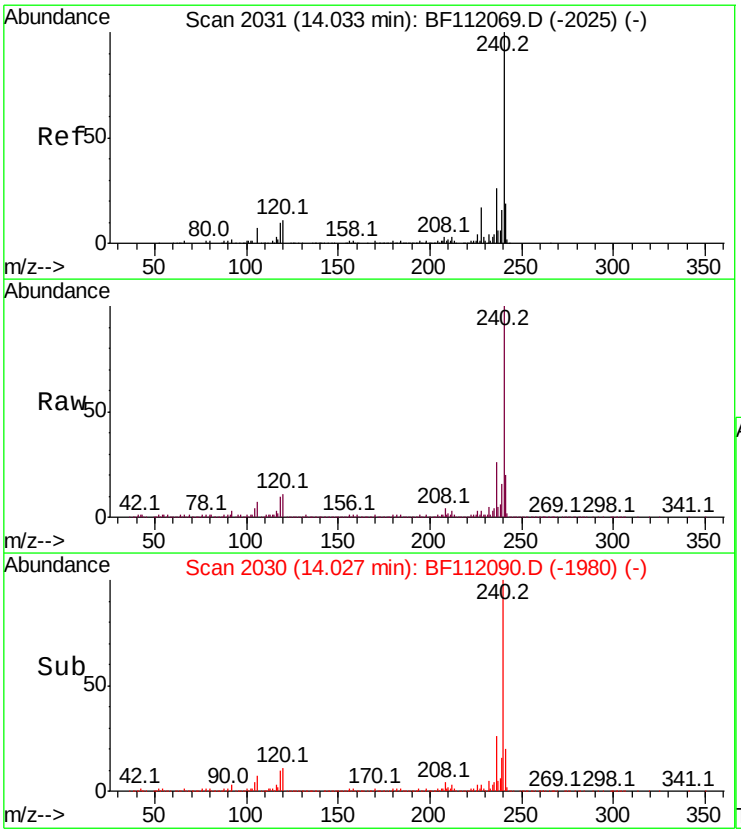
#75
Fluoranthene
Concen: 2.573 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:202 Resp: 115494

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.8
203	17.8	0.0	38.4

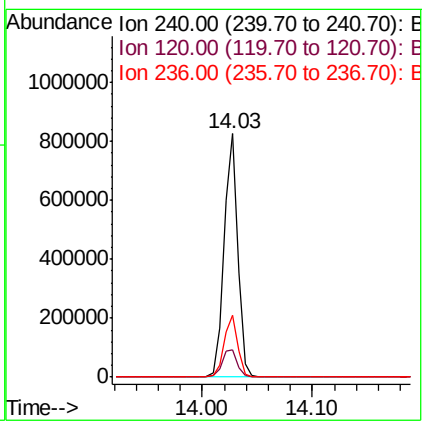


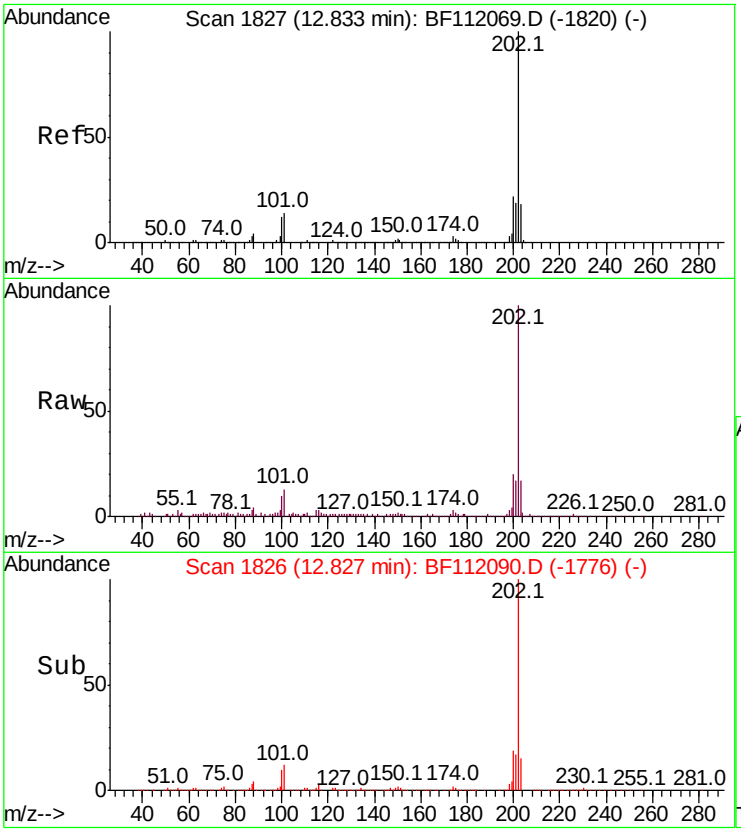


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:240 Resp: 716490

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	25.5	20.7	31.1



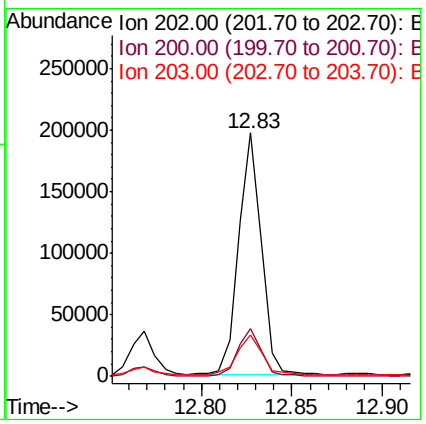


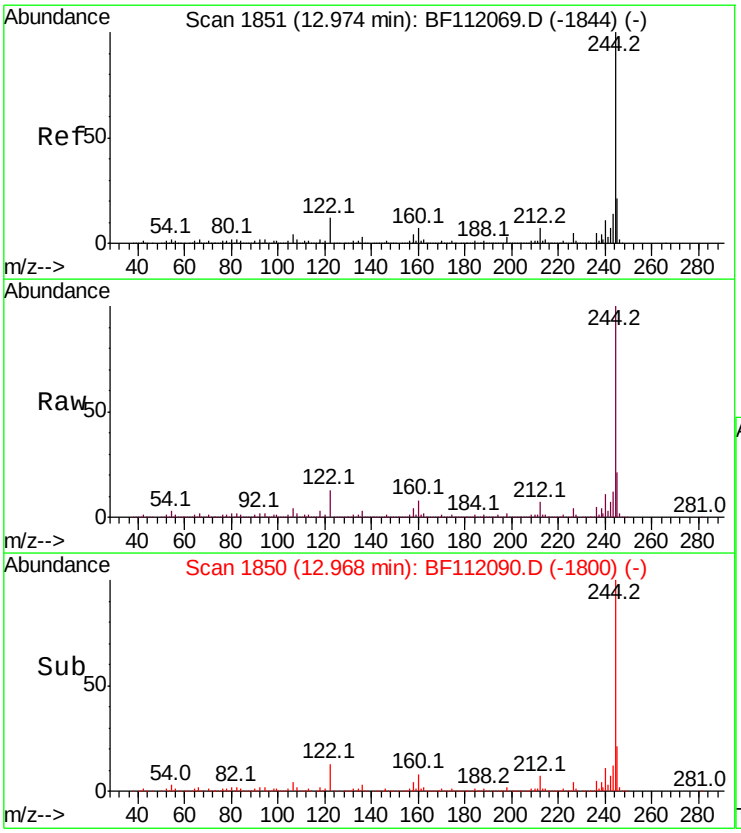
#78
Pyrene
Concen: 3.632 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:202 Resp: 171668

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.7	26.5
203	17.1	14.6	22.0

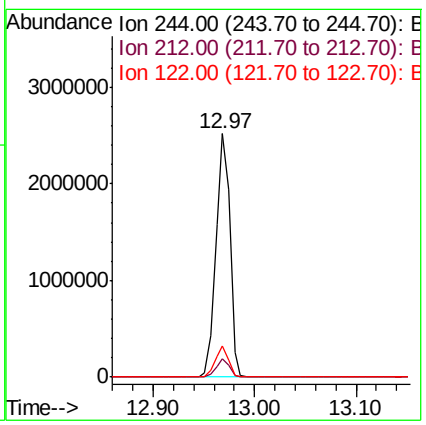


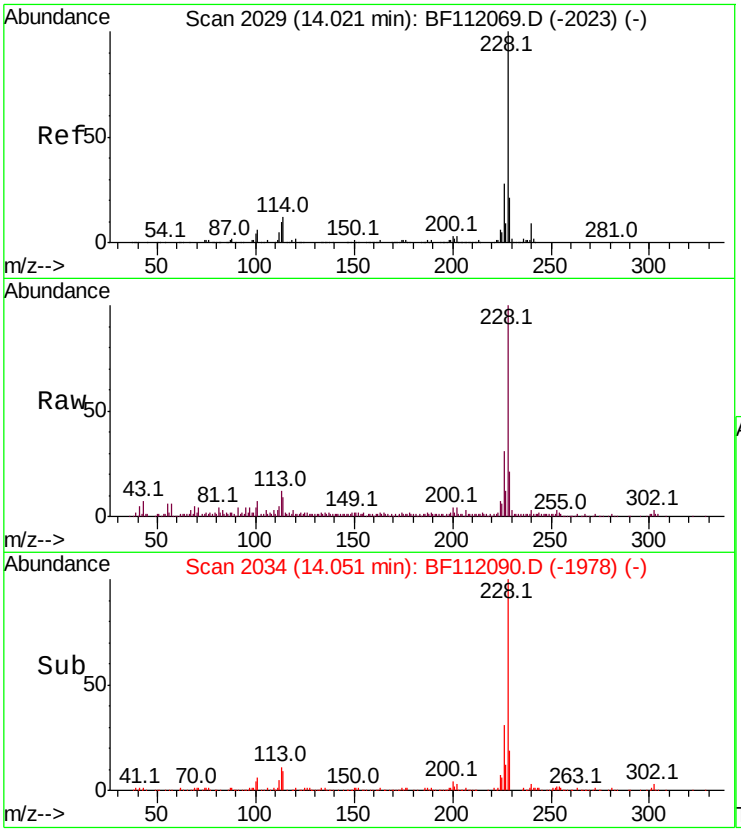


#79
Terphenyl-d14
Concen: 71.696 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:244 Resp: 2414694

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.7	9.8	14.6



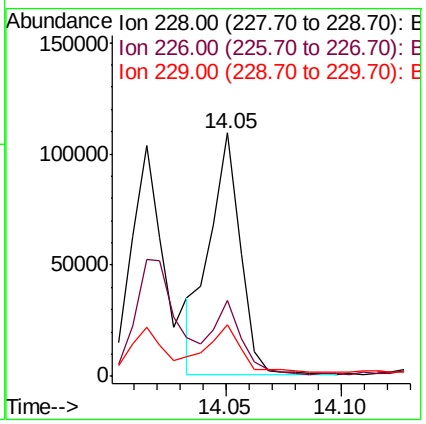


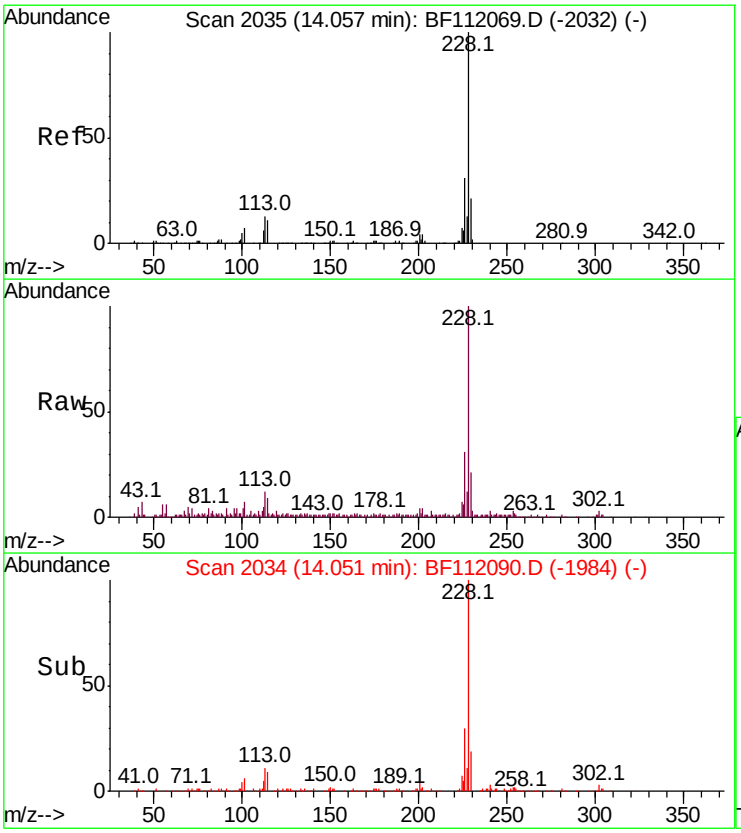
#81
Benzo(a)anthracene
Concen: 2.436 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.03 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:228 Resp: 100077

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	34.0
229	21.2	16.5	24.7

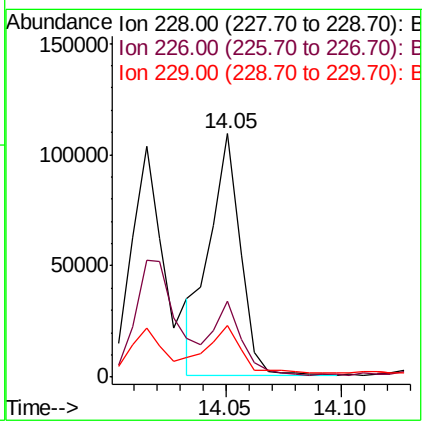


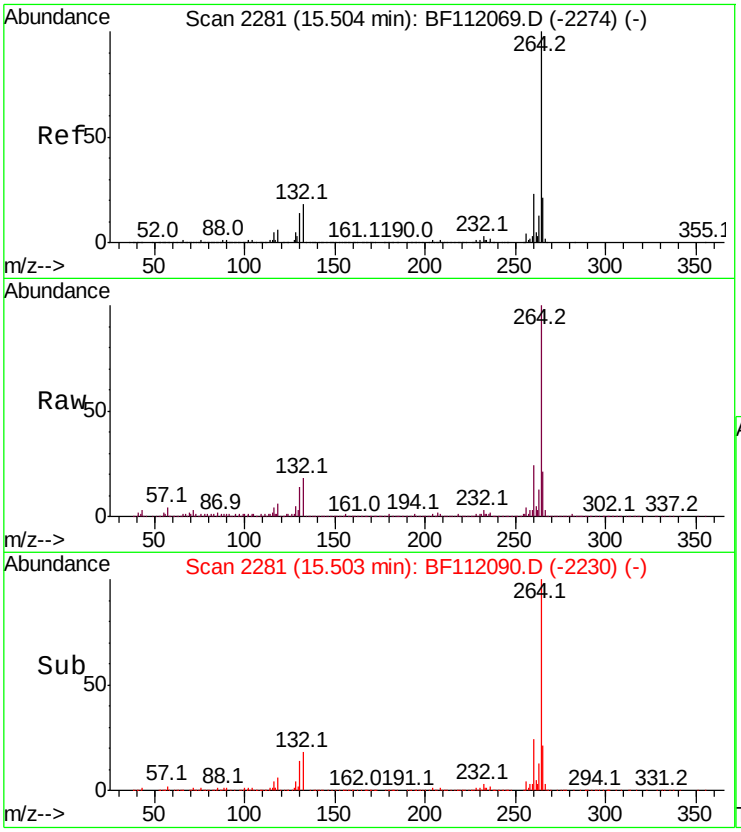


#83
Chrysene
Concen: 2.575 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:228 Resp: 100077

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.2	16.6	24.8



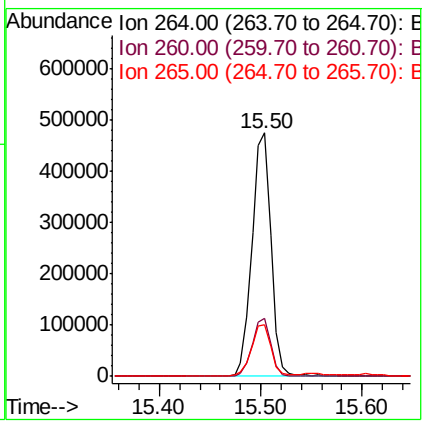


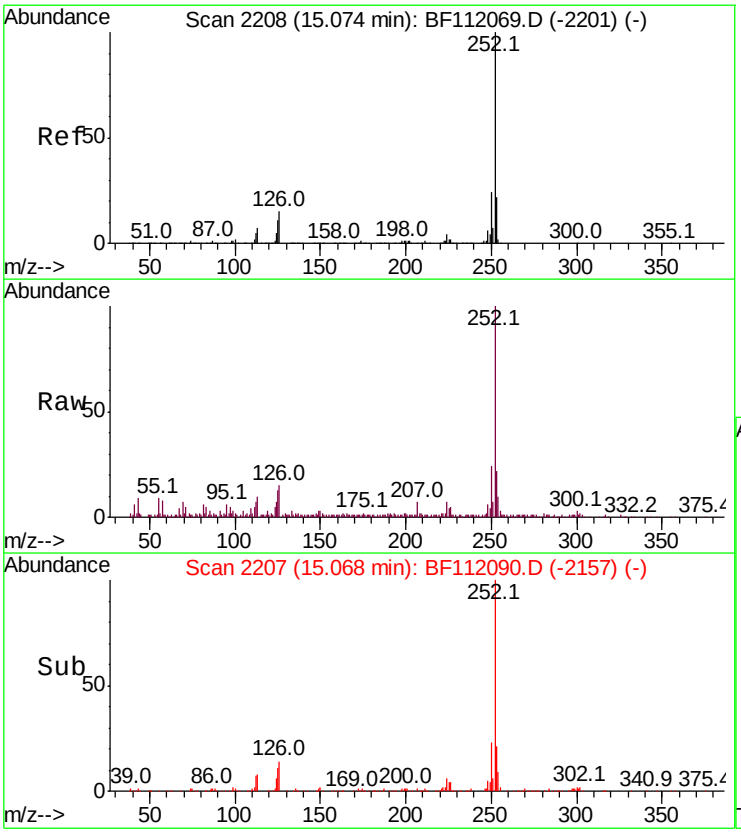
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:264 Resp: 616314

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.2
265	21.4	17.0	25.4

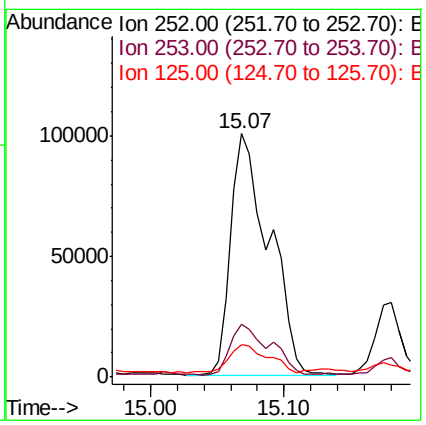


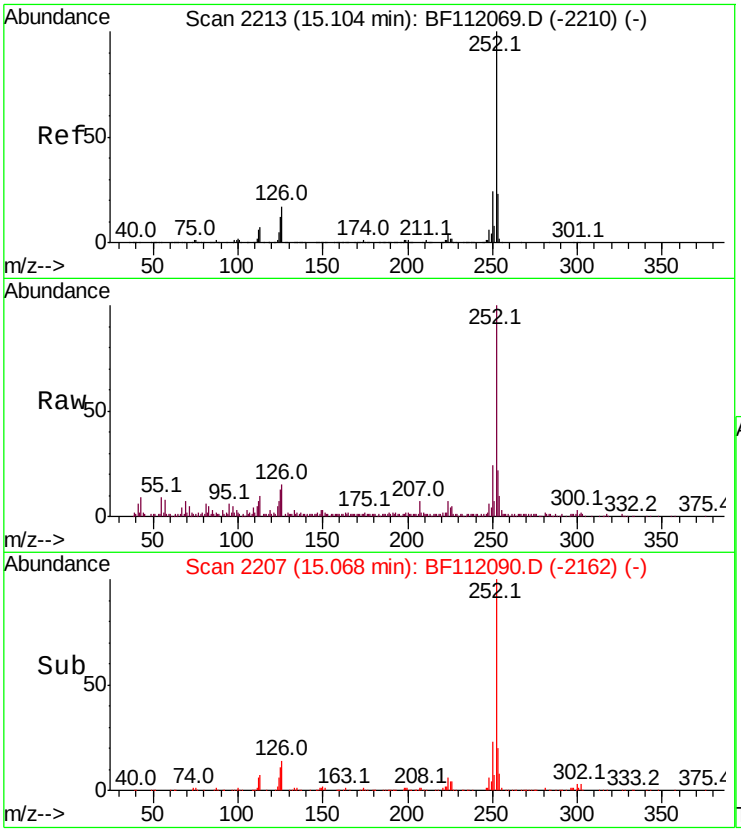


#88
Benzo(b)fluoranthene
Concen: 5.742 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:252 Resp: 200893

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.5	8.7	13.1#



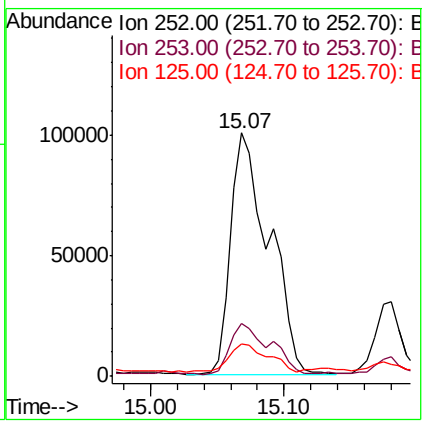


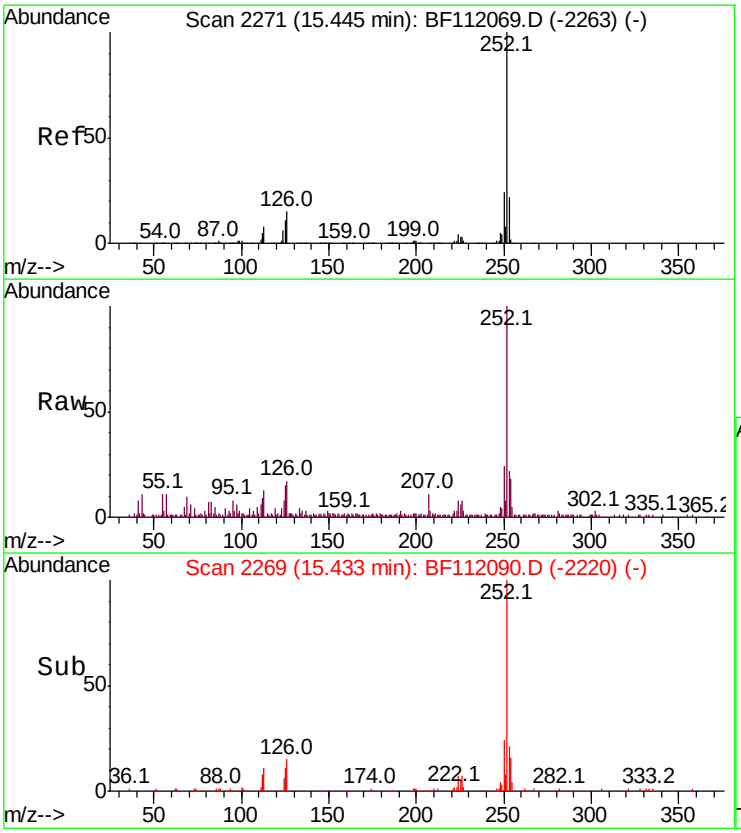
#89
Benzo(k)fluoranthene
Concen: 5.933 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:252 Resp: 200893

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	13.5	9.1	13.7

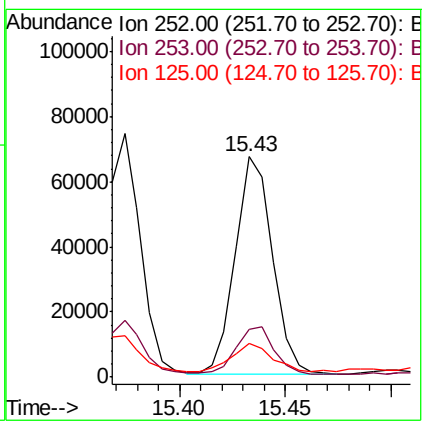


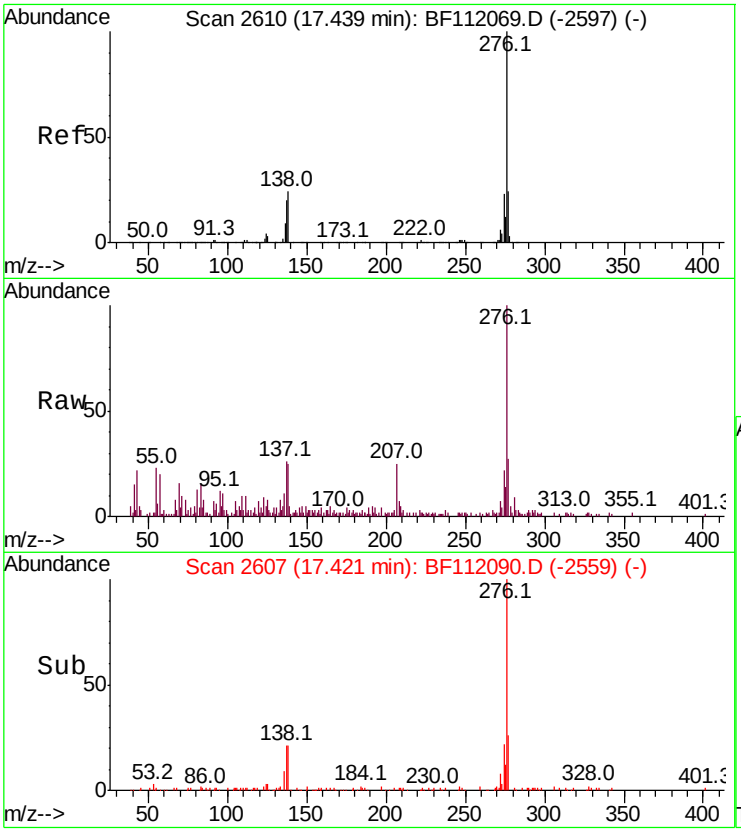


#90
Benzo(a)pyrene
Concen: 2.555 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Tgt Ion:252 Resp: 81980

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	15.1	9.0	13.4#





#92
Benzo(g,h,i)perylene
Concen: 2.085 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BF112090.D
Acq: 17 Jan 2019 15:38

Instrument :
BNA_F
ClientSampleId :
CLOVER-YARD-B

Tgt Ion:276 Resp: 58523

Ion	Ratio	Lower	Upper
276	100		
277	26.5	19.4	29.0
138	24.5	19.1	28.7