Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

Quantitation Report (Not Reviewed)

Data File : BF095816.D
Acq On : 9 Jun 2017 12:15
Operator : SJ/MA
Sample : I3457-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-15

Quant Time: Jun 10 01:20:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	69968	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	288563	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	128227	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	212363	20.00	ng		-0.03
75) Chrysene-d12	18.34	240	139331	20.00	ng		-0.02
86) Perylene-d12	20.01	264	132959	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	450151	102.52	ng		-0.03
7) Phenol-d6	6.93	99	569355	108.31	ng		-0.03
23) Nitrobenzene-d5	8.28	82	324658	69.87	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	107019	94.33	ng		-0.04
44) 2-Fluorobiphenyl	11.18	172	548826	59.56	ng		-0.04
78) Terphenyl-d14	16.99	244	348397	62.06	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.28	70	40762	12.24	ng	#	76
20) 3+4-Methylphenols	8.23	107	12510	2.52	ng	#	51
31) Naphthalene	9.43	128	29072	2.01	ng		99
48) Acenaphthylene	11.99	152	106427	7.54	ng		98
49) Dimethylphthalate	11.87	163	83597	8.59	ng		100
51) Acenaphthene	12.27	154	21096	2.59	ng		100
55) 4-Nitrophenol	12.76	139	2822	6.47	ng		81
57) Fluorene	13.11	166	69837	6.99	ng		98
70) Phenanthrene	14.66	178	705903	57.61	ng		98
71) Anthracene	14.74	178	129844	10.15	ng		97
72) Carbazole	15.04	167	26260	2.11	ng		97
74) Fluoranthene	16.44	202	517899	42.70	ng		99
77) Pyrene	16.74	202	640629	61.62	ng		98
80) Benzo(a)anthracene	18.37	228	227504	28.08	ng		94
82) Chrysene	18.37	228	227504	28.10	ng		97
83) Bis(2-ethylhexyl)phthalate	18.42	149	56584	8.83	ng	#	97
85) Indeno(1,2,3-cd)pyrene	21.19	276	74007	10.68	ng		97
87) Benzo(b)fluoranthene	19.61	252	248069	29.80	ng	#	94
88) Benzo(k)fluoranthene	19.61	252	248069	31.17	ng		98
89) Benzo(a)pyrene	19.96	252	172466	22.54	ng	#	95
90) Dibenzo(a,h)anthracene	21.19	278	20686	3.19	ng	#	70
91) Benzo(g,h,i)perylene	21.52	276	77764	11.75	ng		99

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

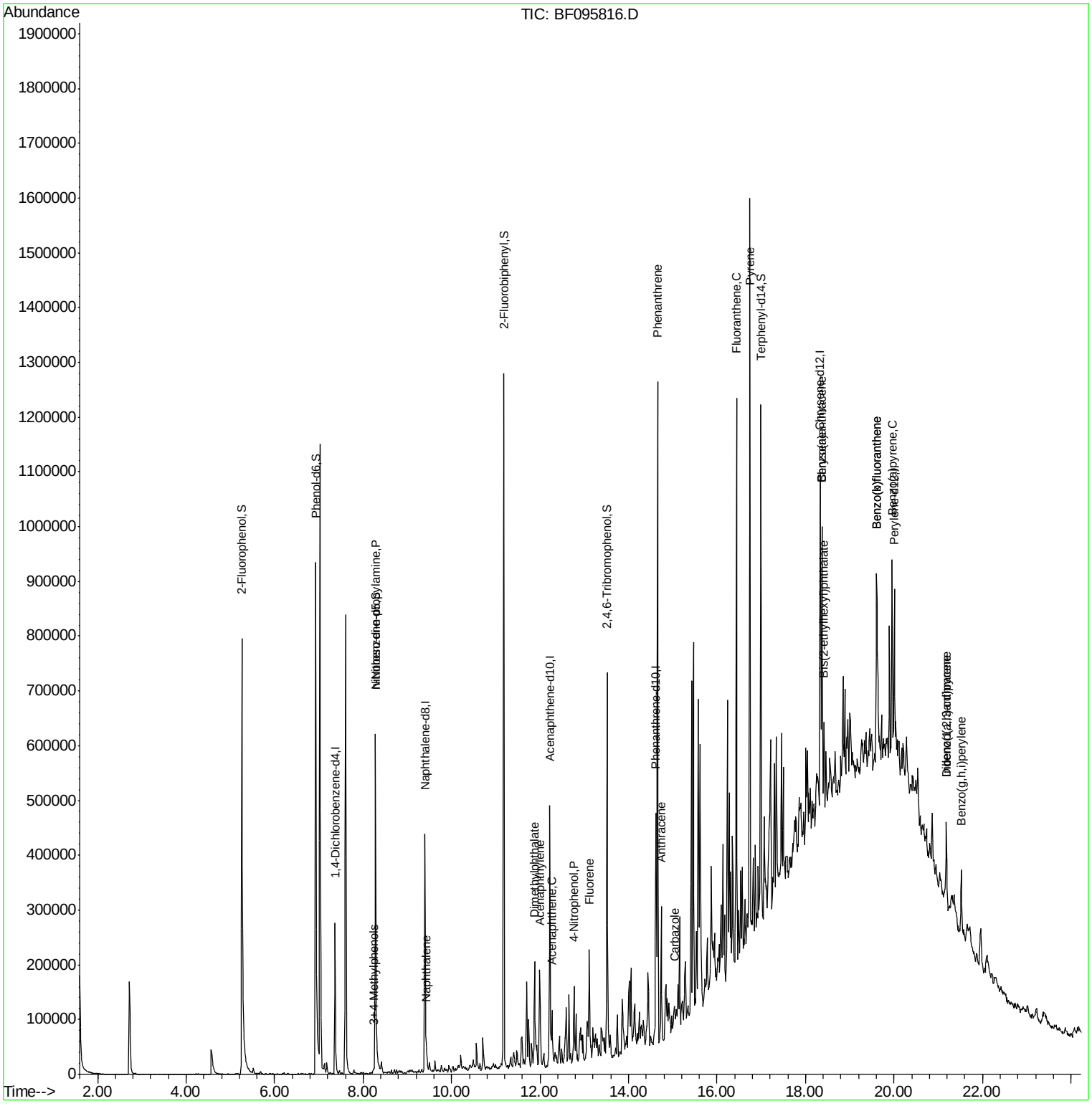
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

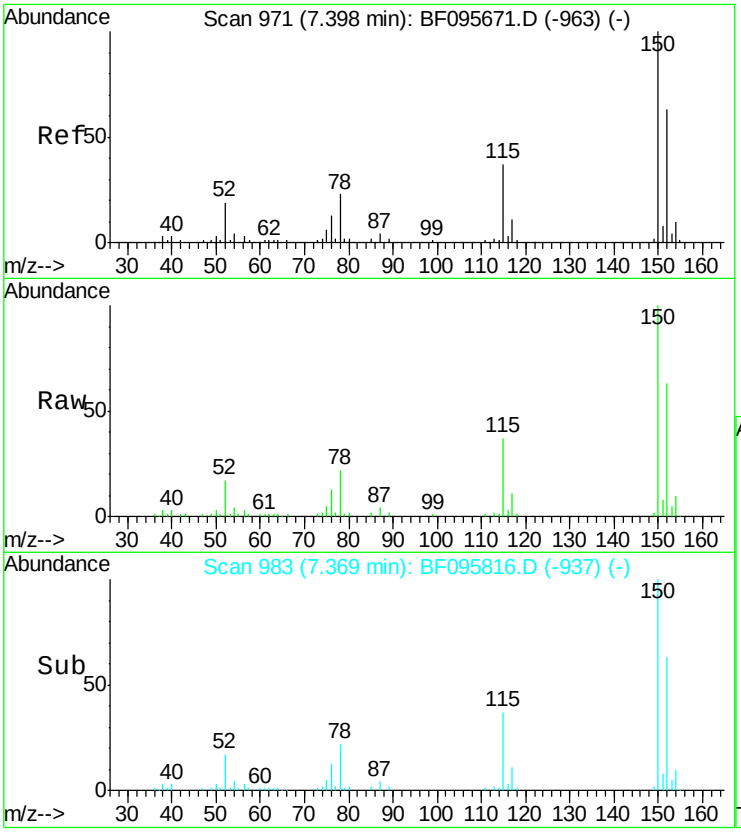
Quantitation Report (Not Reviewed)

Data File : BF095816.D
Acq On : 9 Jun 2017 12:15
Operator : SJ/MA
Sample : I3457-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-15

Quant Time: Jun 10 01:20:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration



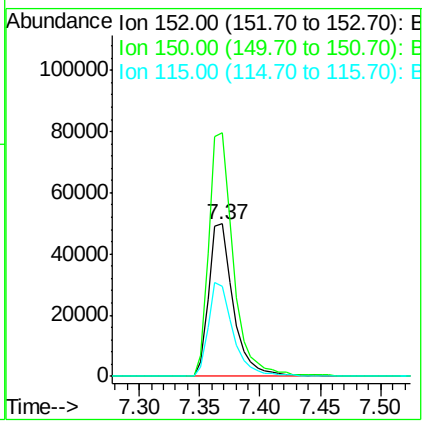


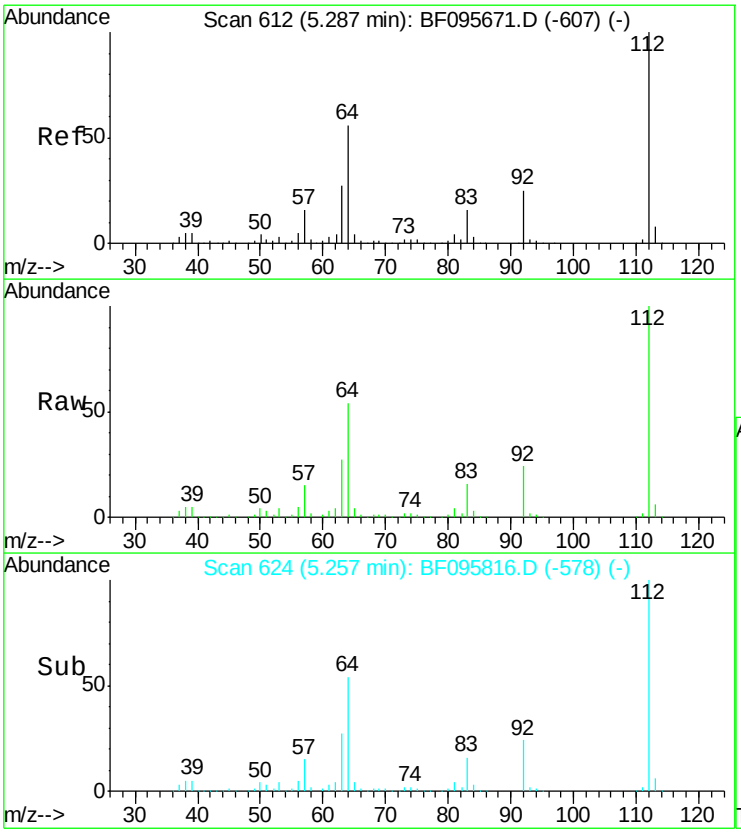
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:152 Resp: 69968

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	59.3	52.2	78.2

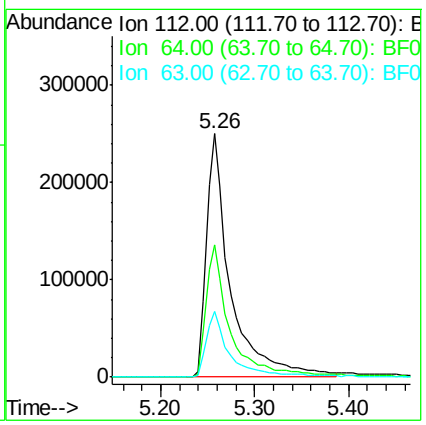


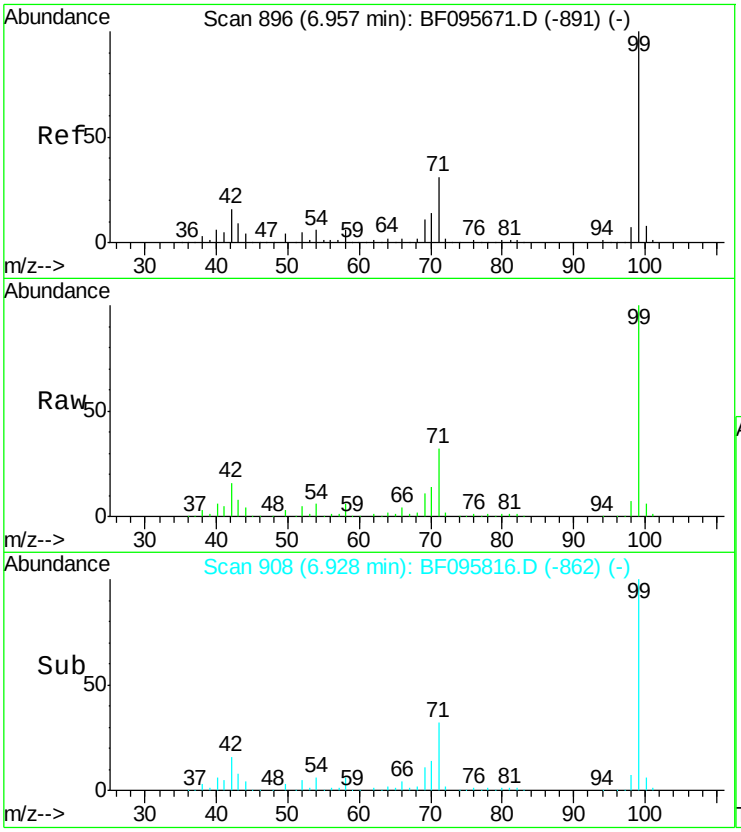


#5
2-Fluorophenol
Concen: 102.52 ng
RT: 5.26 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:112 Resp: 450151

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.8	23.4	35.0



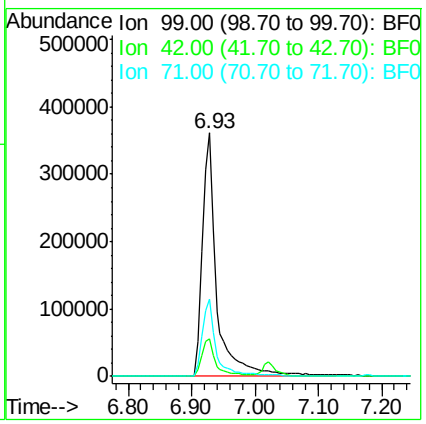


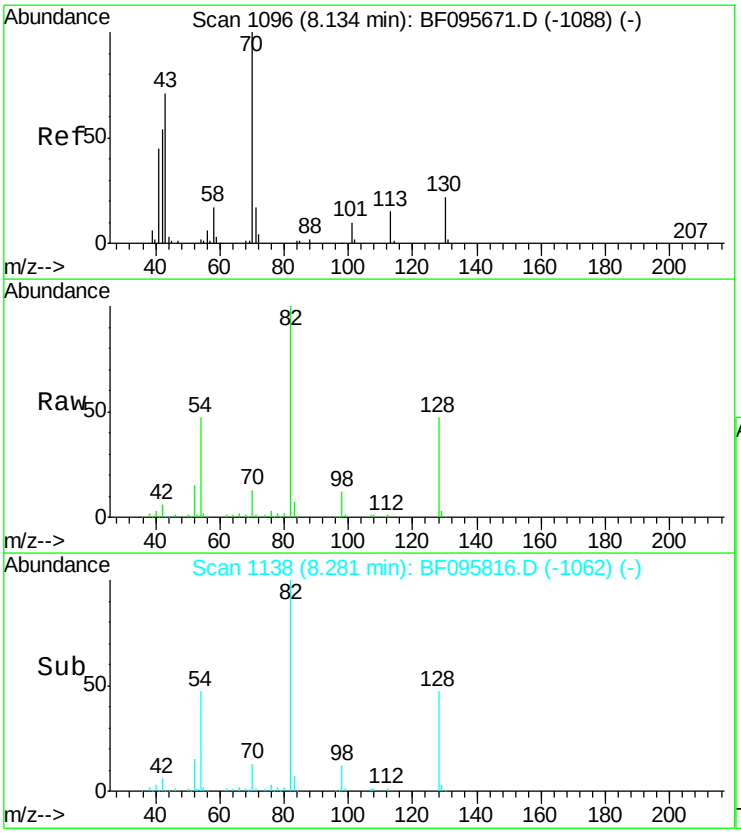
#7
Phenol-d6
Concen: 108.31 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion: 99 Resp: 569355

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.5	20.3
71	31.7	24.5	36.7

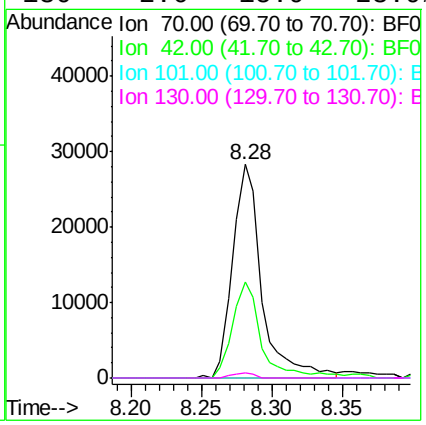


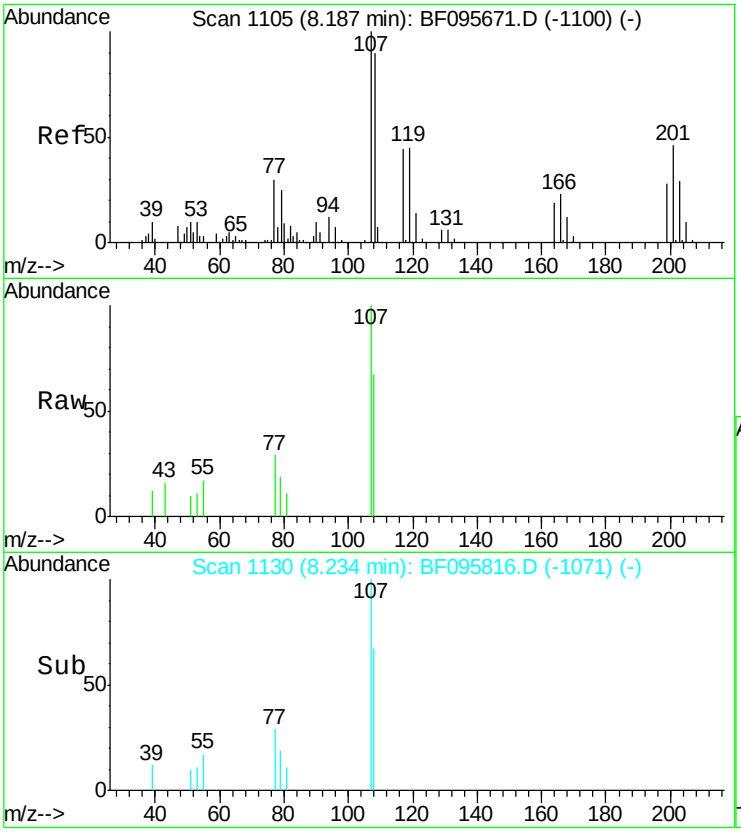


#19
n-Nitroso-di-n-propylamine
Concen: 12.24 ng
RT: 8.28 min Scan# 1138
Delta R.T. 0.15 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion: 70 Resp: 40762

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



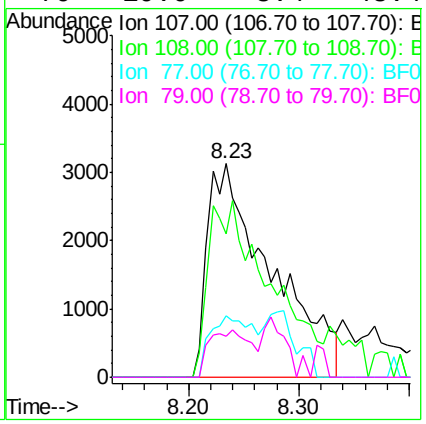


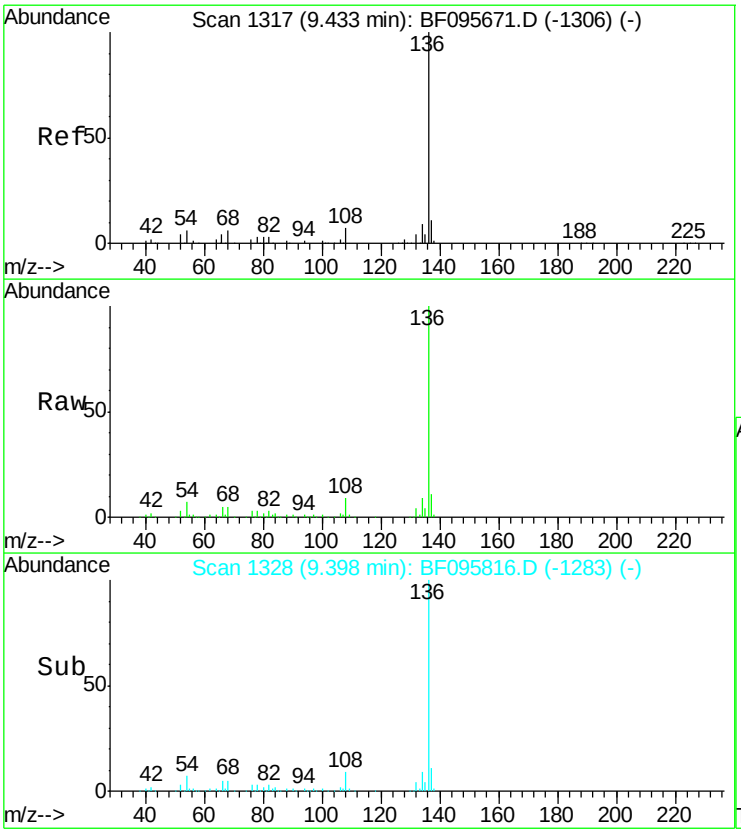
#20
3+4-Methylphenols
Concen: 2.52 ng
RT: 8.23 min Scan# 1130
Delta R.T. 0.05 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:107 Resp: 12510

Ion	Ratio	Lower	Upper
107	100		
108	66.9	71.0	111.0#
77	28.5	90.5	130.5#
79	19.0	8.4	48.4

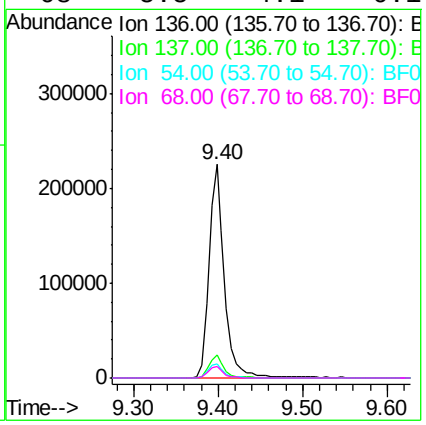


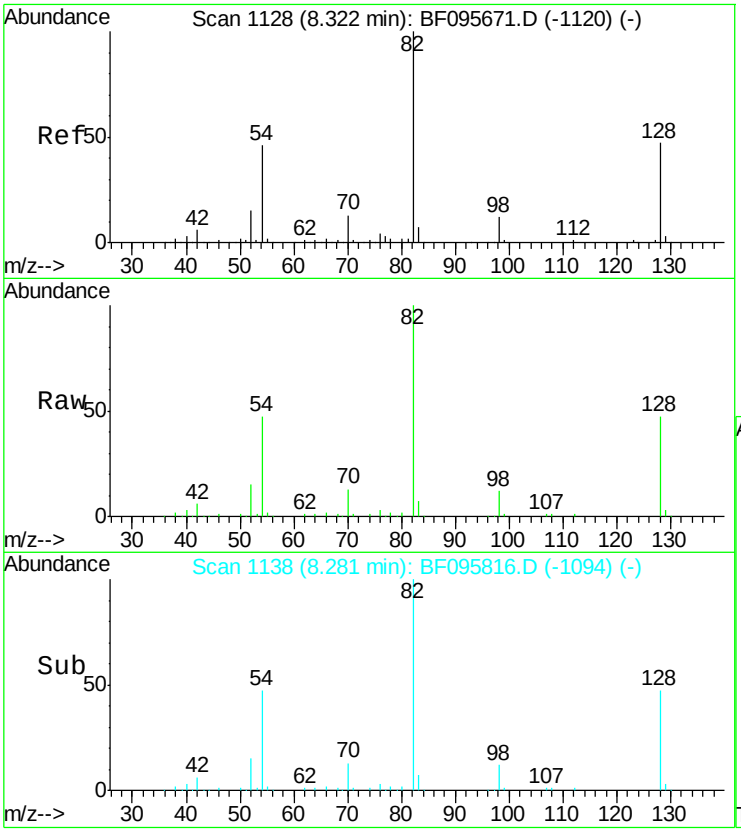


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:136 Resp: 288563

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.8	4.9	7.3
68	5.5	4.1	6.1



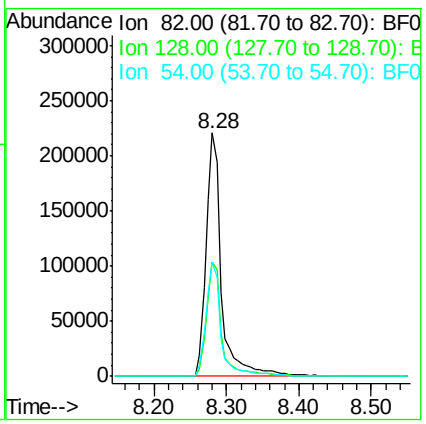


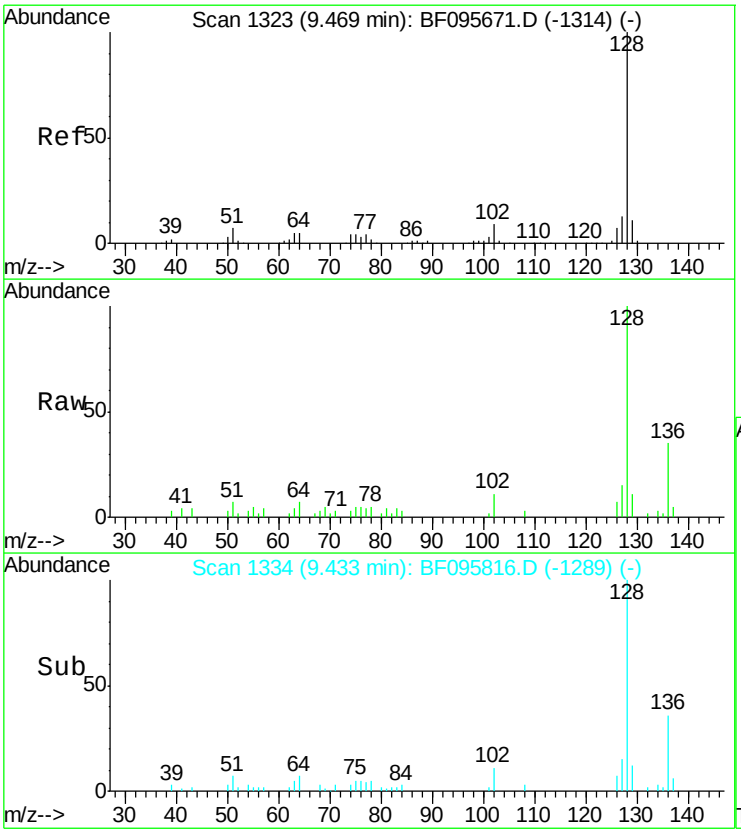
#23
Nitrobenzene-d5
Concen: 69.87 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion: 82 Resp: 324658

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	47.0	42.2	63.2

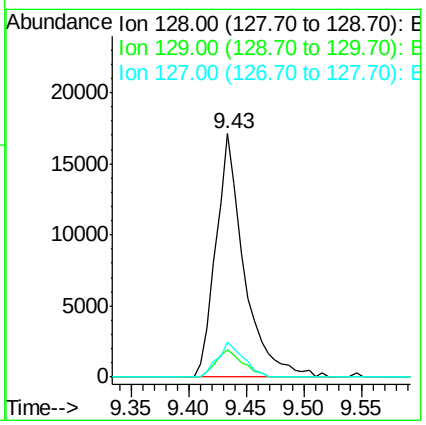


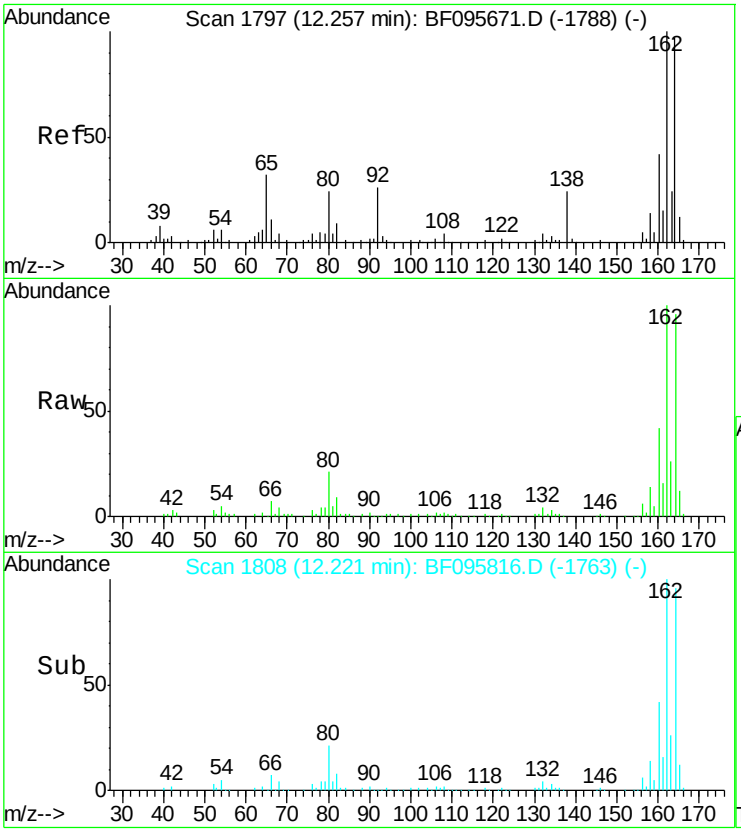


#31
Naphthalene
Concen: 2.01 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:128 Resp: 29072

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.5	10.8	16.2



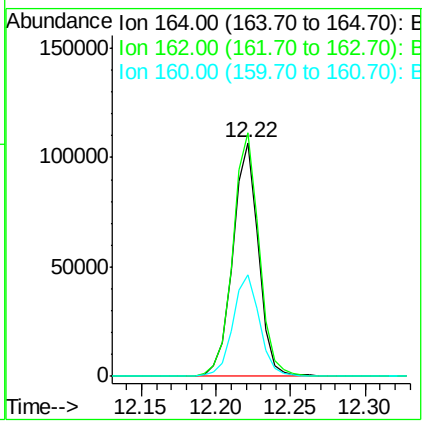


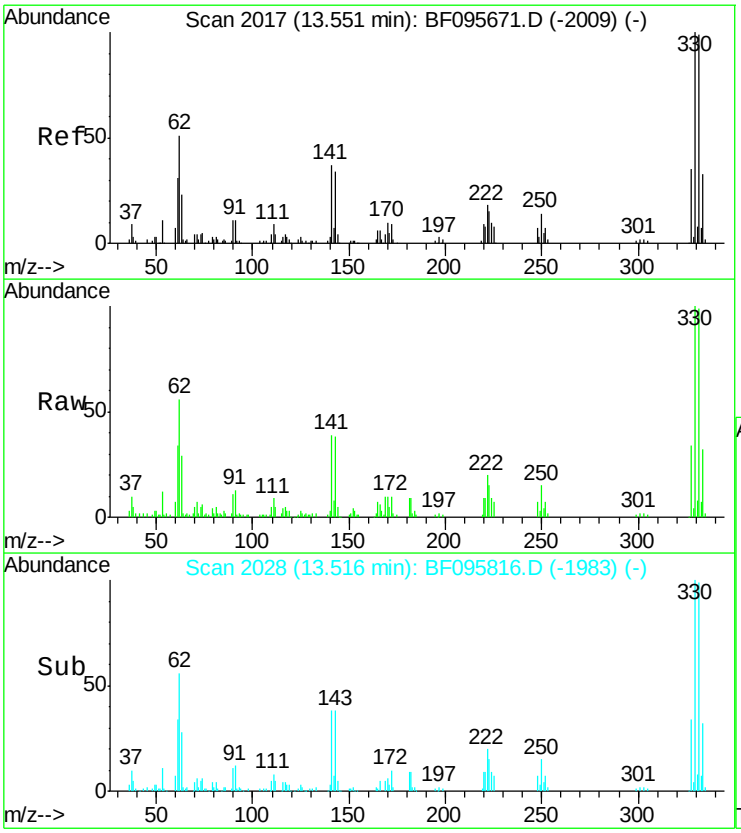
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:164 Resp: 128227

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	123.8
160	43.5	36.2	54.2

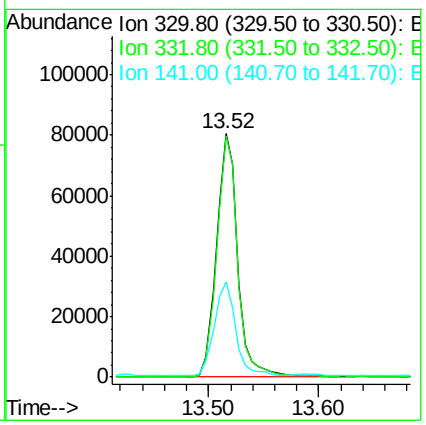


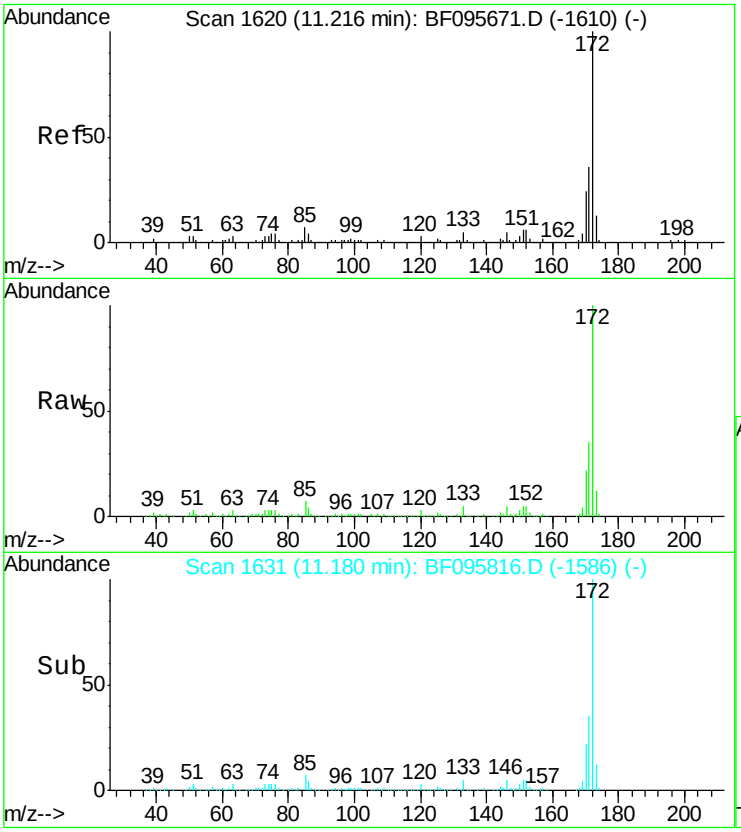


#41
2,4,6-Tribromophenol
Concen: 94.33 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:330 Resp: 107019

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	115.0
141	38.9	31.4	47.2



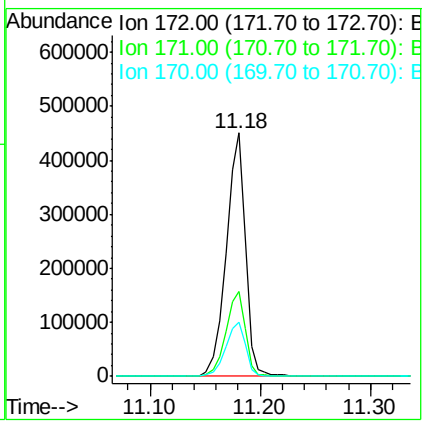


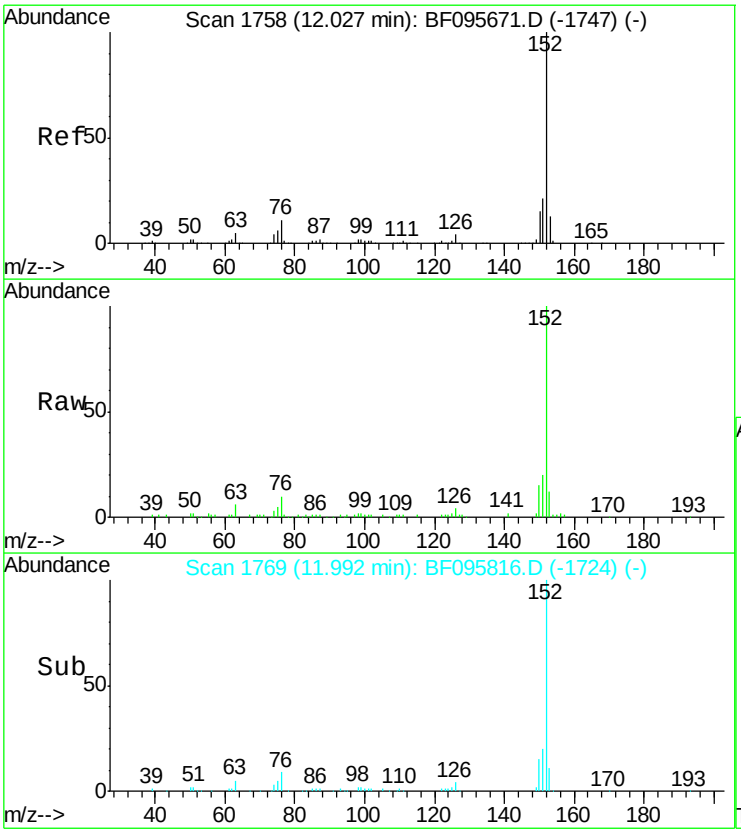
#44
2-Fluorobiphenyl
Concen: 59.56 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:172 Resp: 548826

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	22.5	19.8	29.8

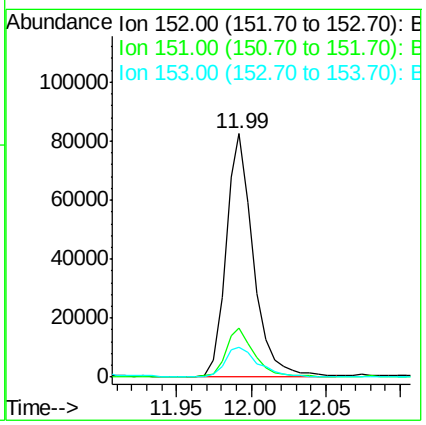


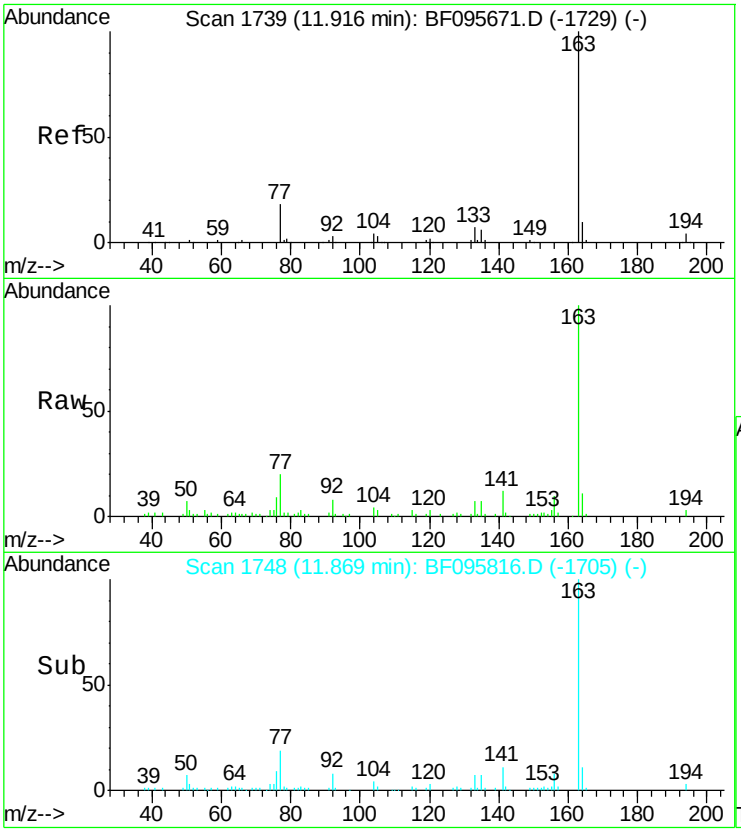


#48
Acenaphthylene
Concen: 7.54 ng
RT: 11.99 min Scan# 1769
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:152 Resp: 106427

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.5	10.8	16.2



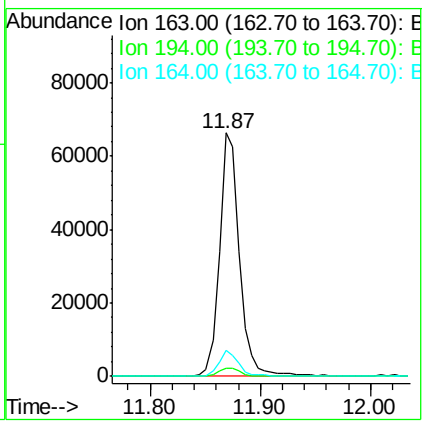


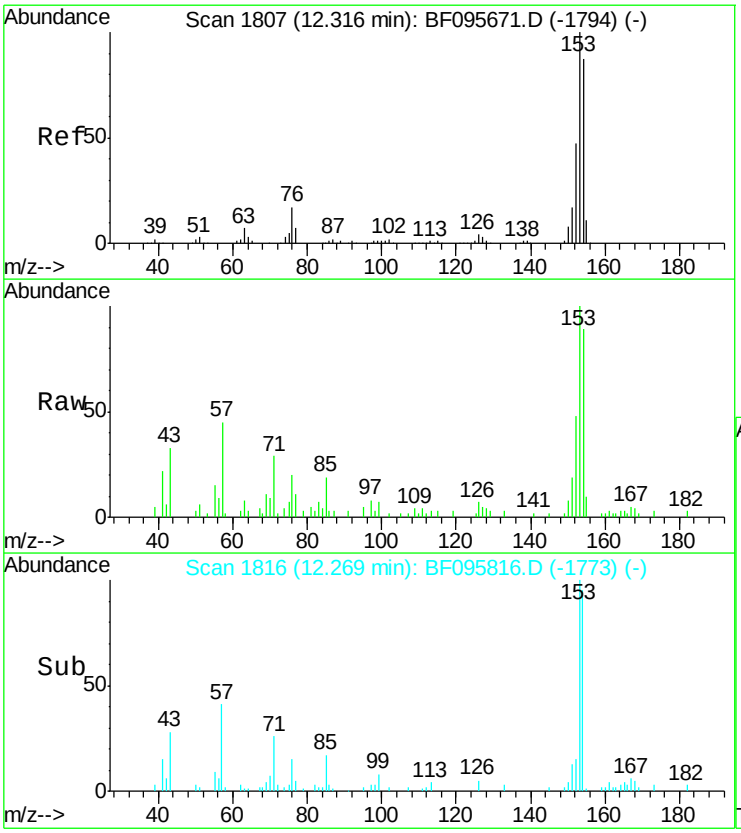
#49
Dimethylphthalate
Concen: 8.59 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:163 Resp: 83597

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.6	8.4	12.6

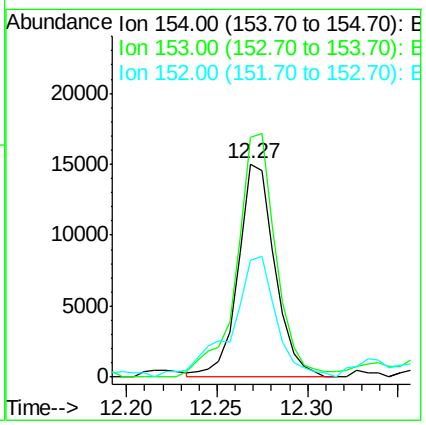


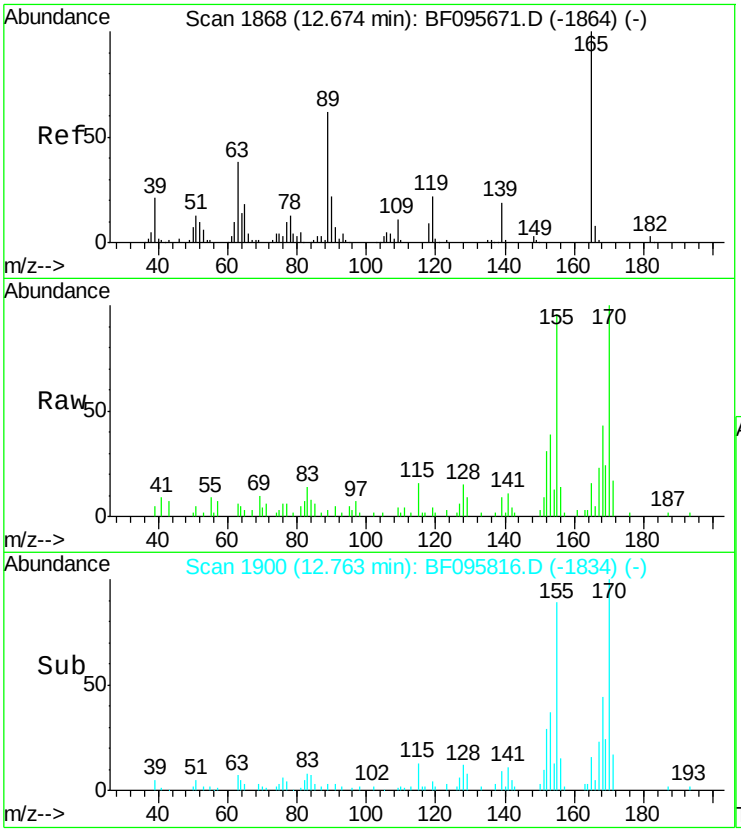


#51
Acenaphthene
Concen: 2.59 ng
RT: 12.27 min Scan# 1816
Delta R.T. -0.05 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:154 Resp: 21096

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.5	135.7
152	54.6	43.6	65.4



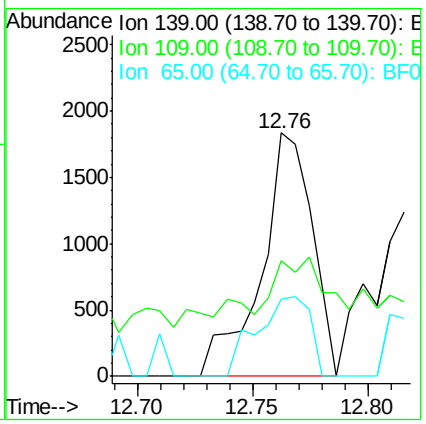


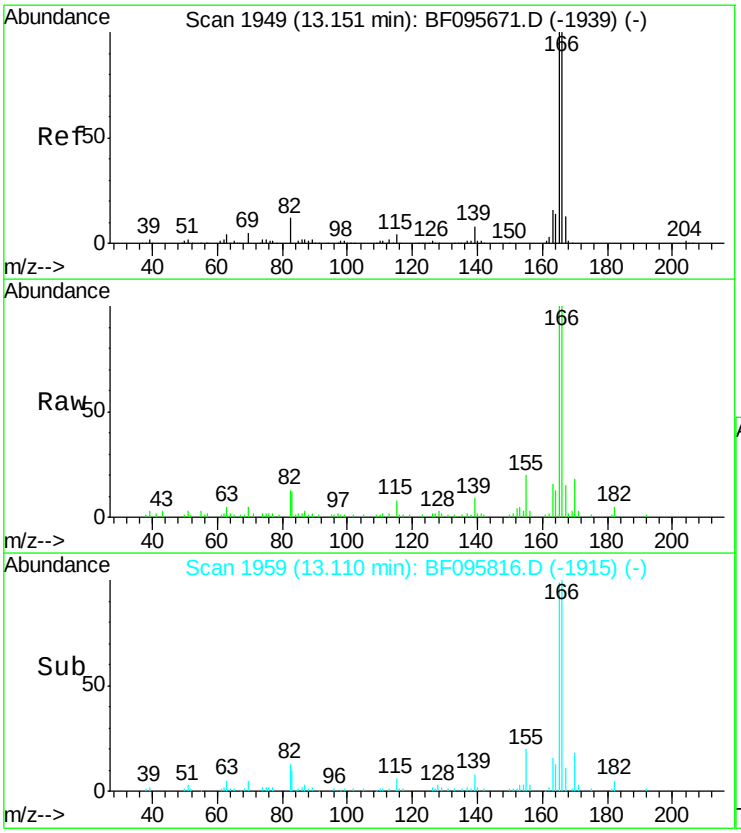
#55
4-Nitrophenol
Concen: 6.47 ng
RT: 12.76 min Scan# 1900
Delta R.T. 0.09 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:139 Resp: 2822

Ion	Ratio	Lower	Upper
139	100		
109	47.3	34.1	74.1
65	31.6	31.4	71.4

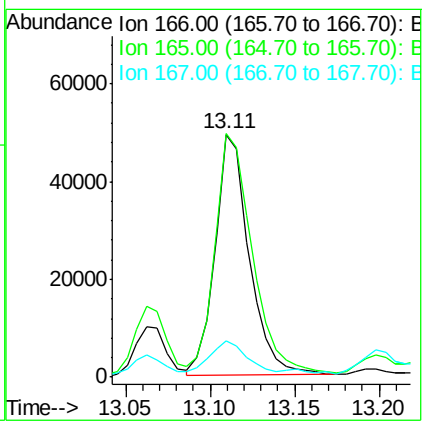


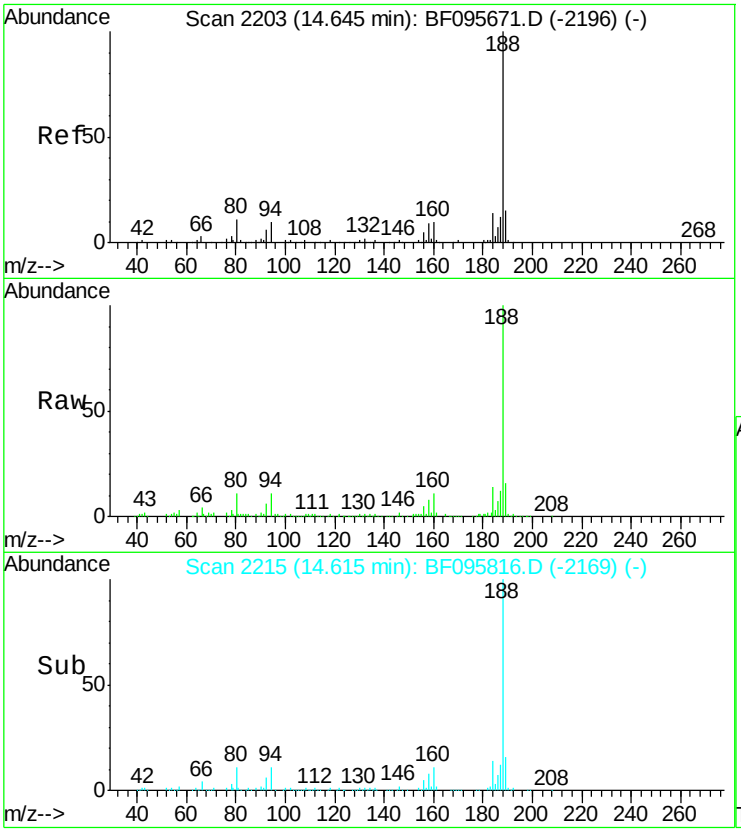


#57
Fluorene
Concen: 6.99 ng
RT: 13.11 min Scan# 1959
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:166 Resp: 69837

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.8	118.2
167	14.7	10.6	16.0



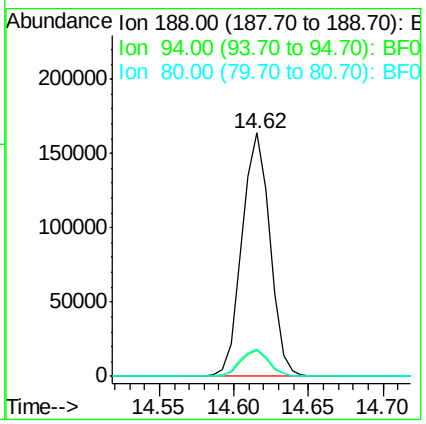


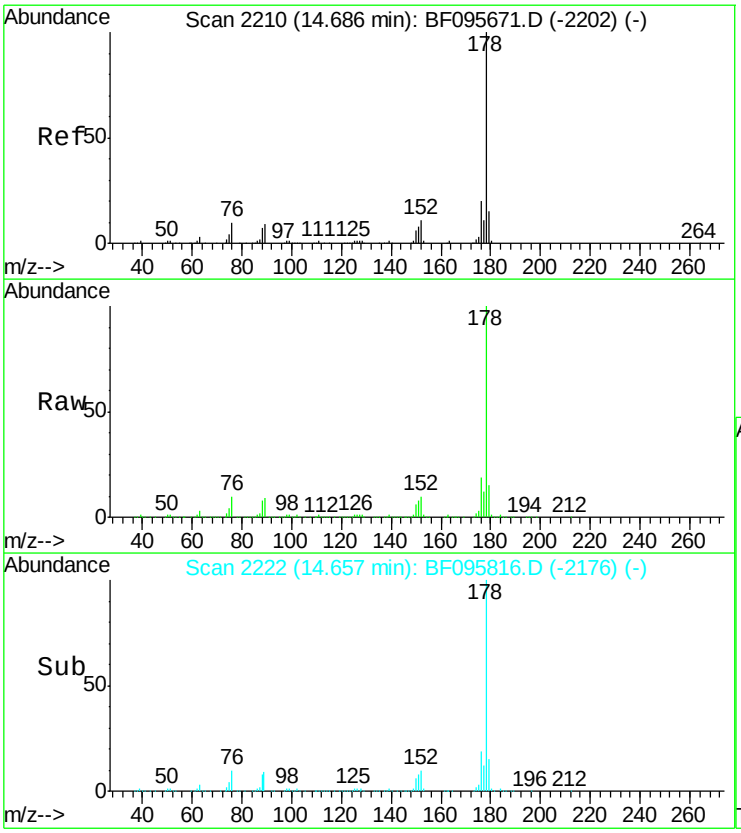
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:188 Resp: 212363

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.3	10.2	15.2

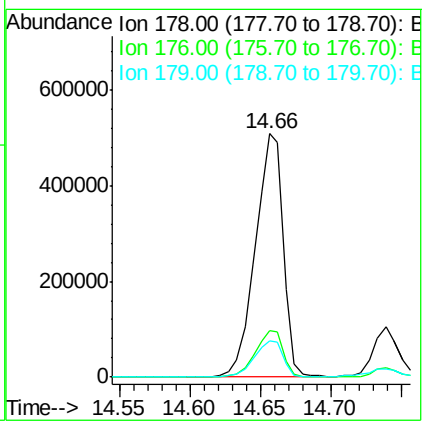


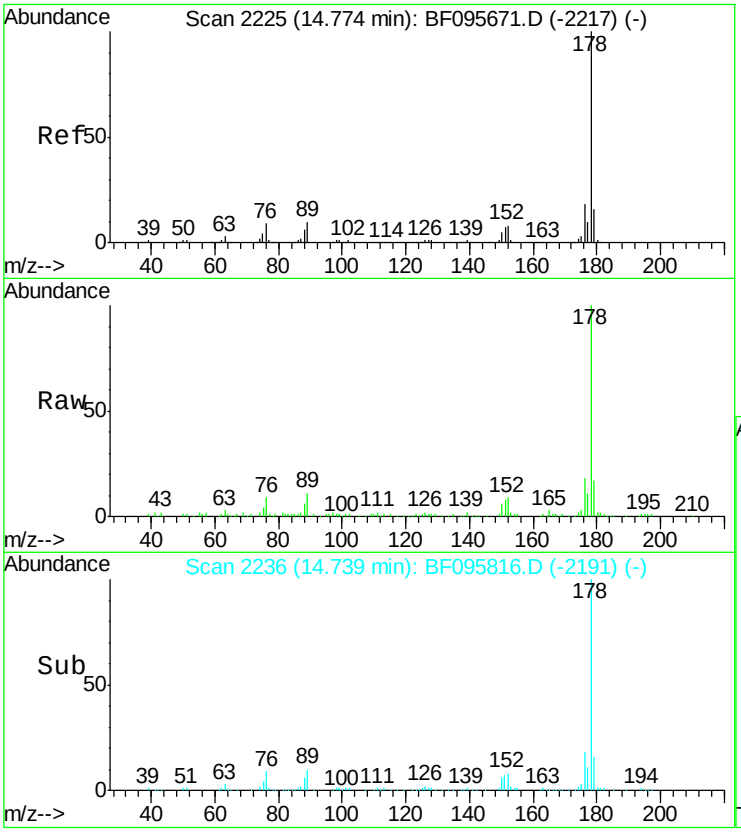


#70
Phenanthrene
Concen: 57.61 ng
RT: 14.66 min Scan# 2222
Delta R.T. -0.03 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:178 Resp: 705903

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.0	12.6	19.0



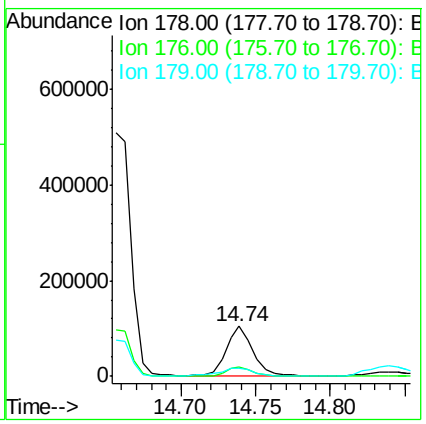


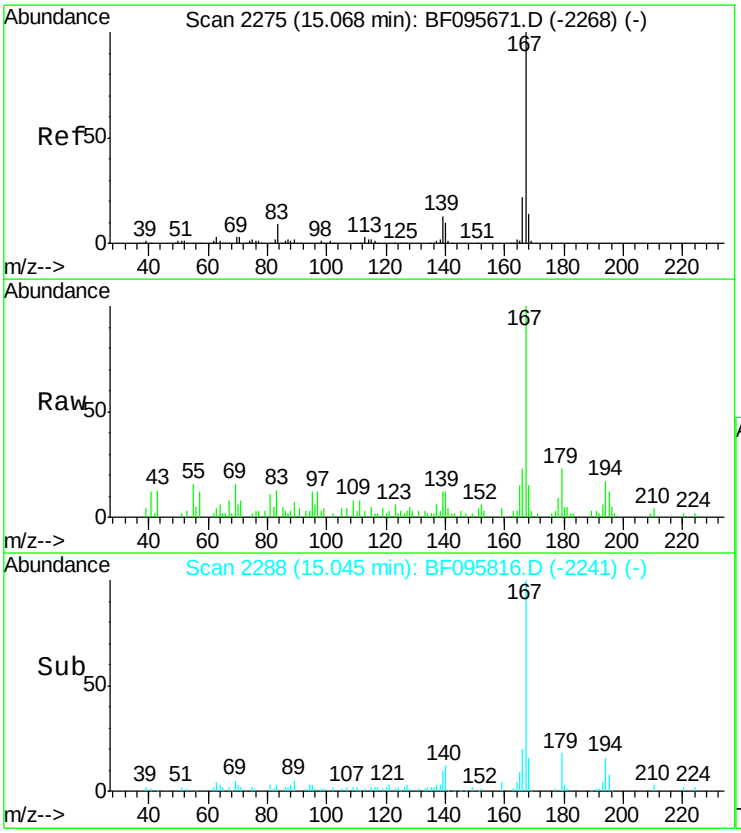
#71
Anthracene
Concen: 10.15 ng
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:178 Resp: 129844

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.7	12.7	19.1

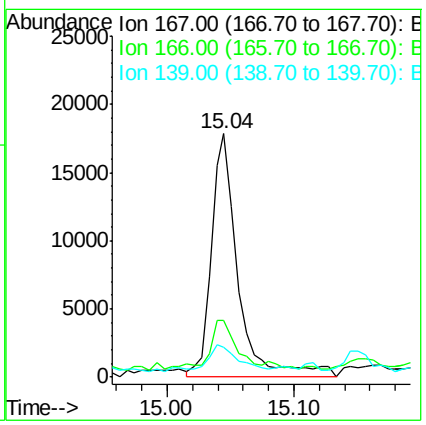


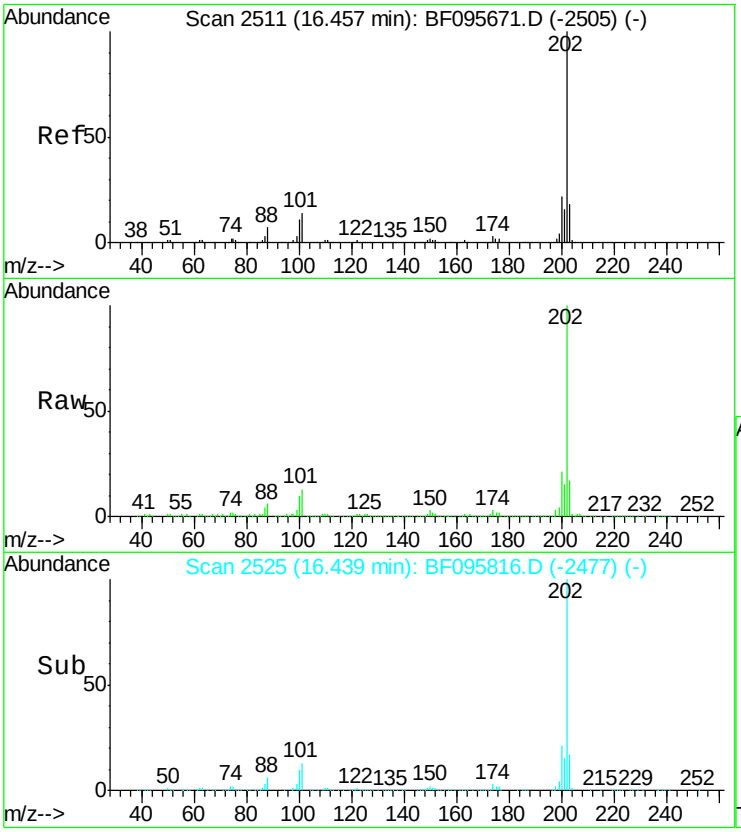


#72
Carbazole
Concen: 2.11 ng
RT: 15.04 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:167 Resp: 26260

Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.1	27.1
139	12.0	11.7	17.5



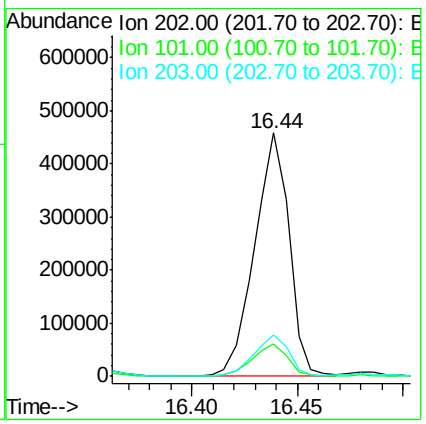


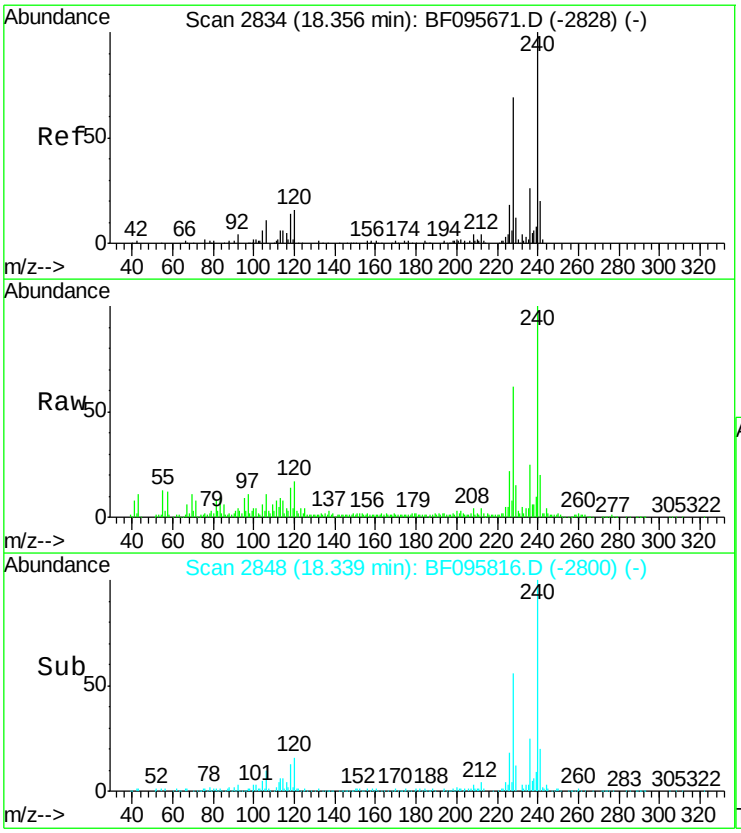
#74
Fluoranthene
Concen: 42.70 ng
RT: 16.44 min Scan# 2525
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:202 Resp: 517899

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	17.2	0.0	38.1

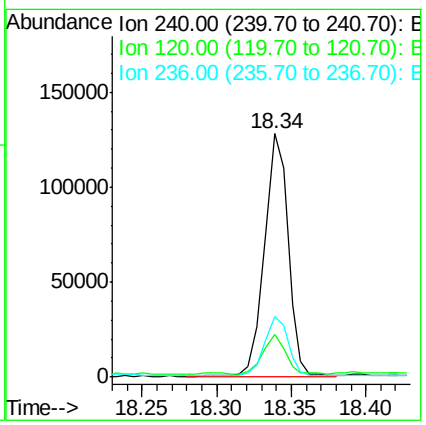


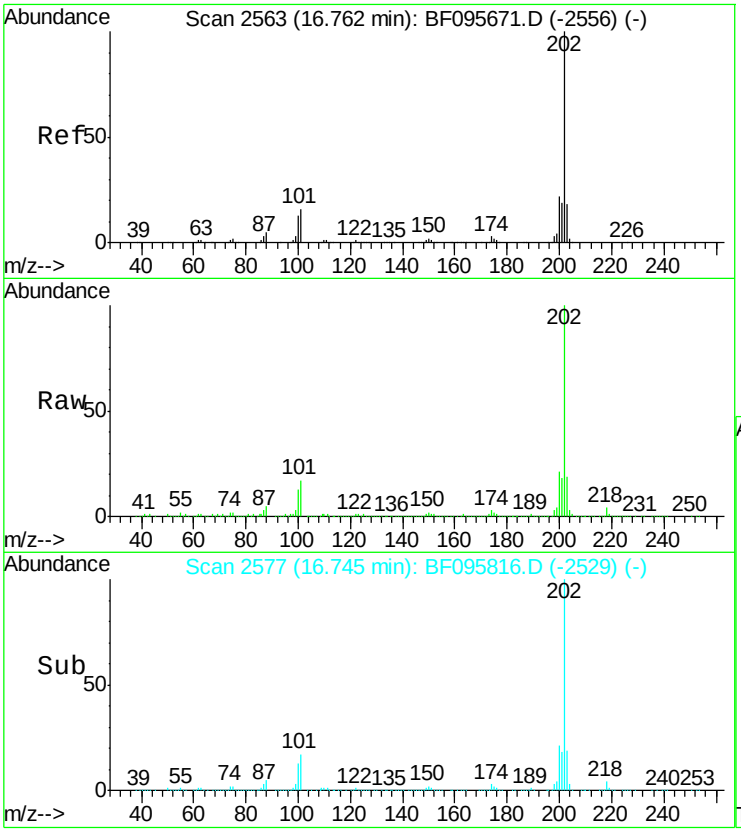


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:240 Resp: 139331

Ion	Ratio	Lower	Upper
240	100		
120	17.3	5.8	8.8#
236	25.1	20.5	30.7



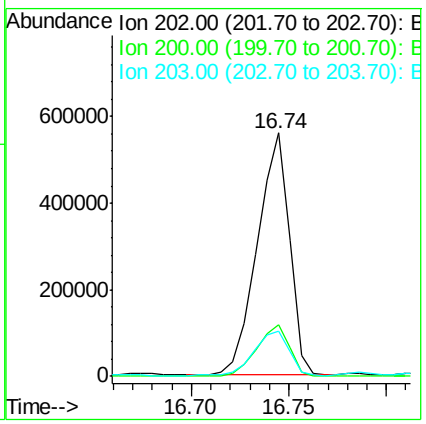


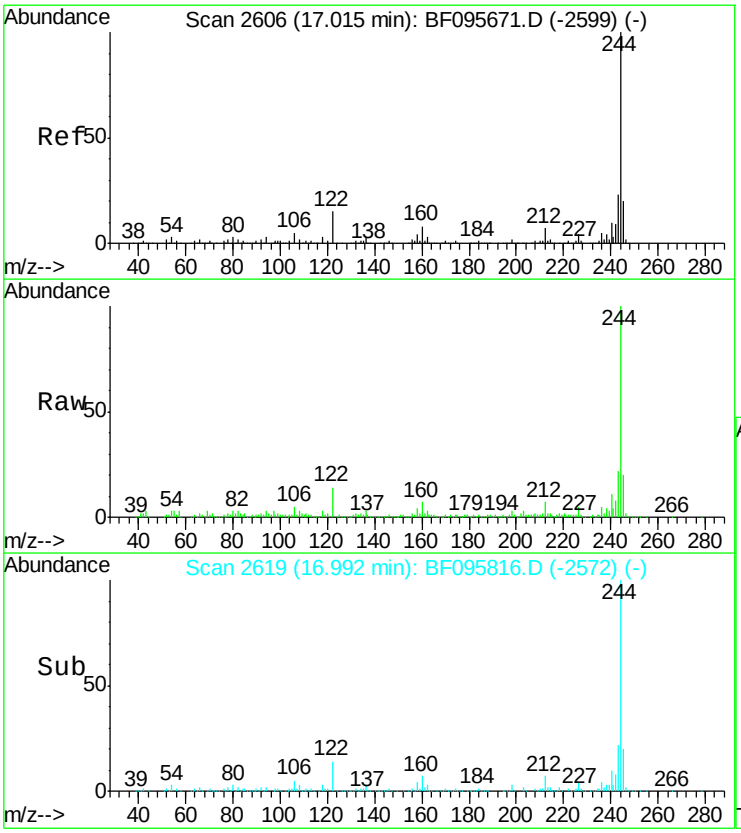
#77
Pyrene
Concen: 61.62 ng
RT: 16.74 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:202 Resp: 640629

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	18.7	14.4	21.6

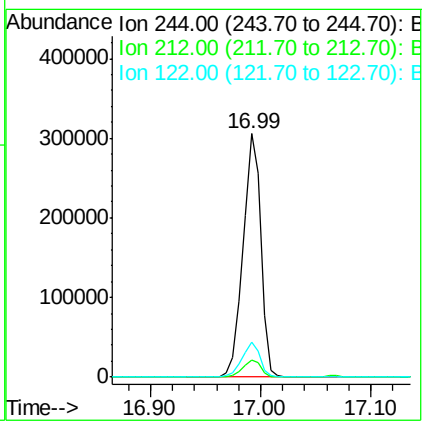


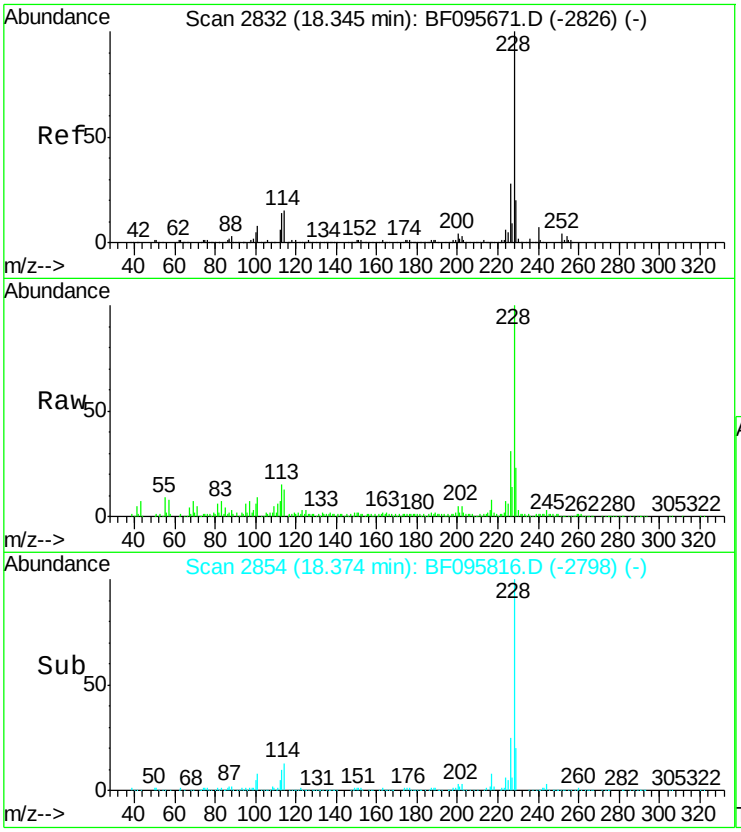


#78
Terphenyl-d14
Concen: 62.06 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:244 Resp: 348397

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5



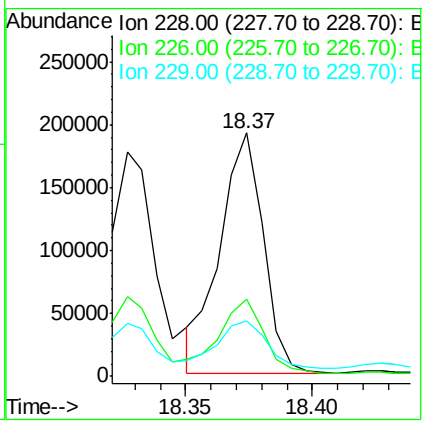


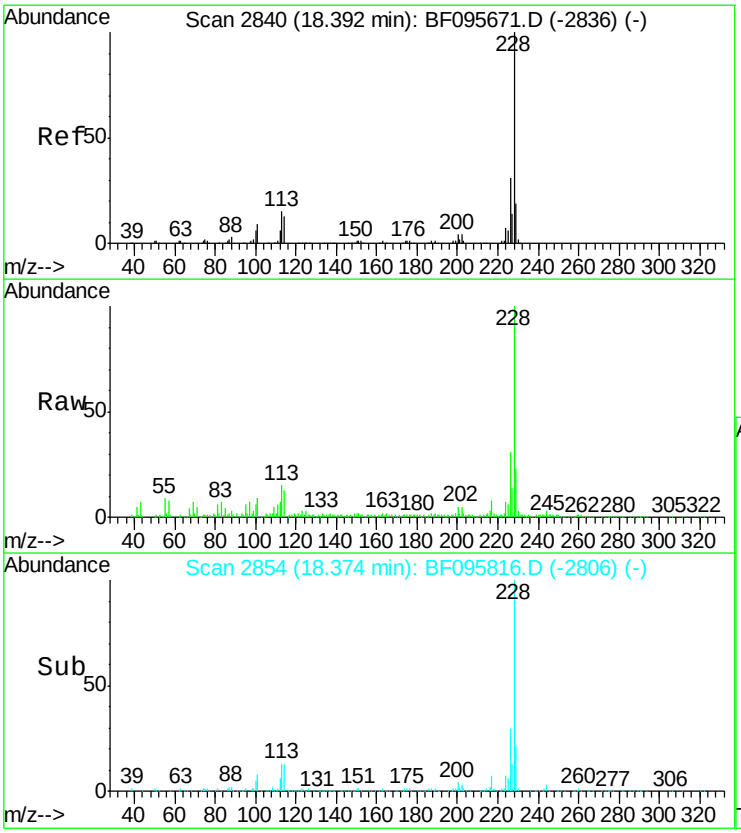
#80
Benzo(a)anthracene
Concen: 28.08 ng
RT: 18.37 min Scan# 2854
Delta R.T. 0.03 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:228 Resp: 227504

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	22.8	16.3	24.5

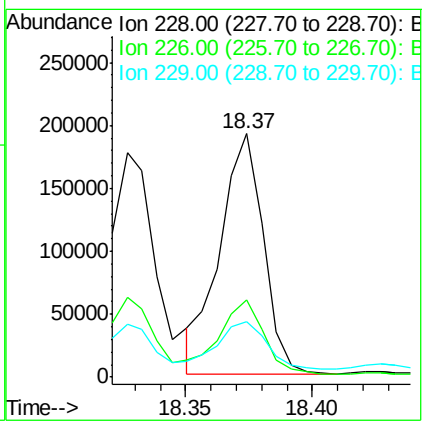


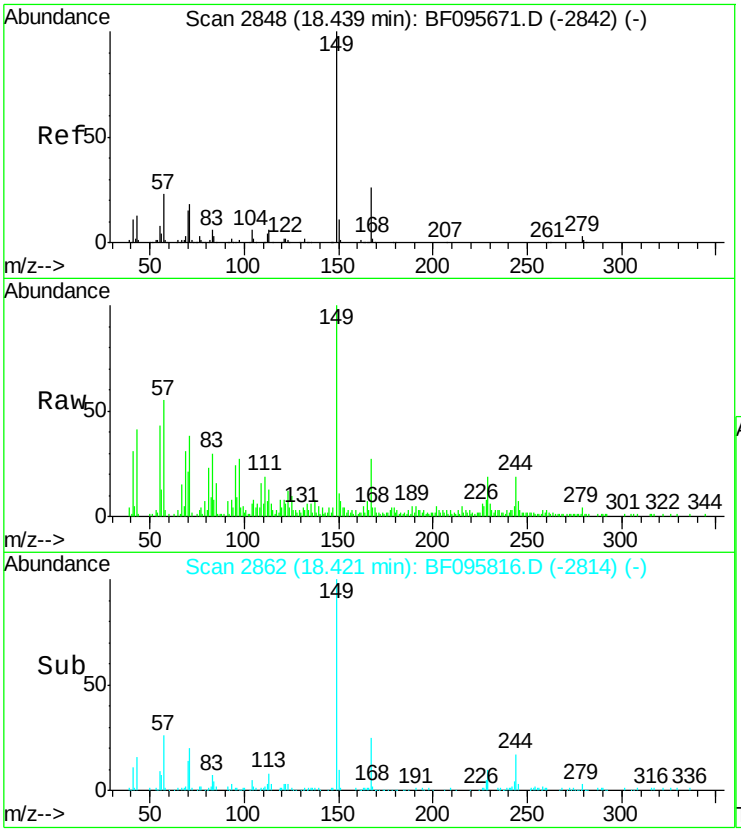


#82
Chrysene
Concen: 28.10 ng
RT: 18.37 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:228 Resp: 227504

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	22.8	15.8	23.6



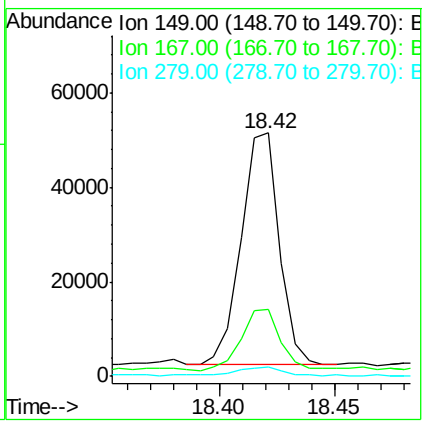


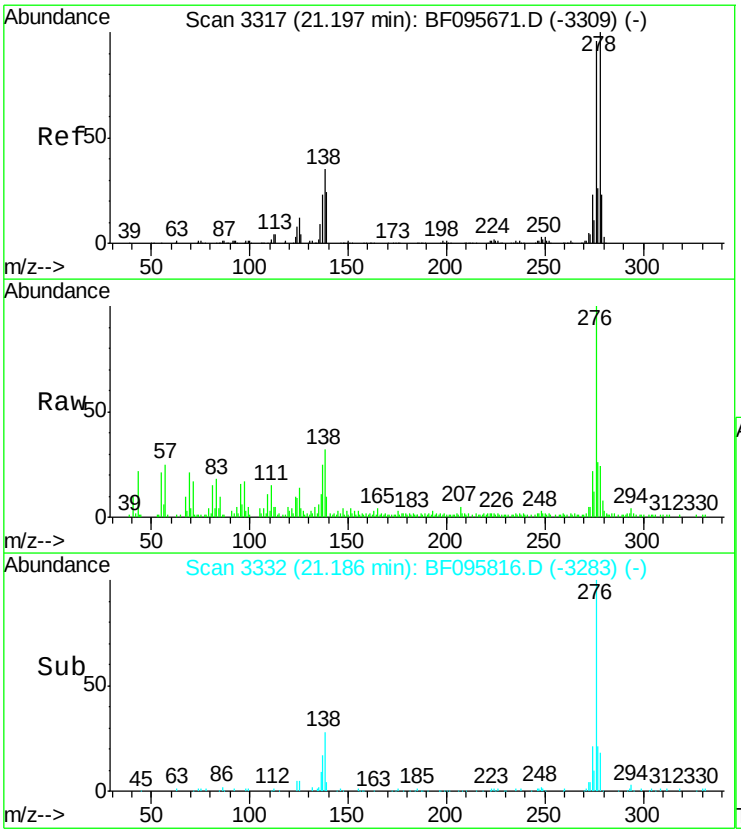
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.83 ng
RT: 18.42 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:149 Resp: 56584

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.0	31.4
279	3.7	1.9	2.9#

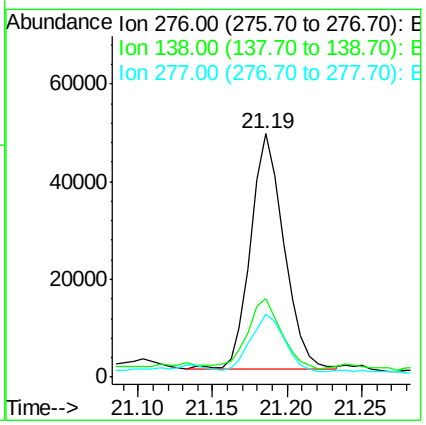


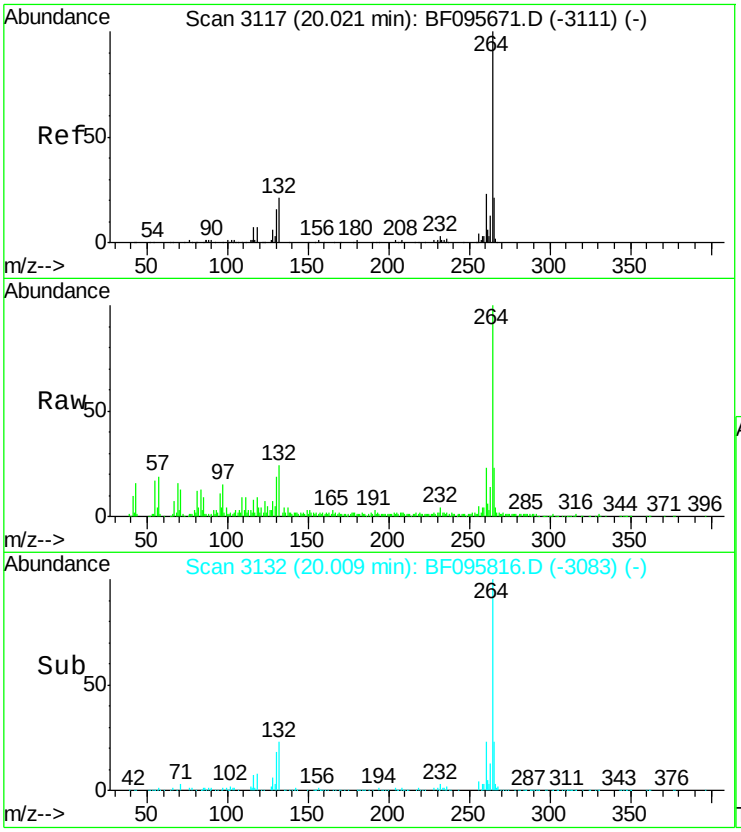


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.68 ng
RT: 21.19 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:276 Resp: 74007

Ion	Ratio	Lower	Upper
276	100		
138	32.2	27.8	41.6
277	26.0	20.2	30.4



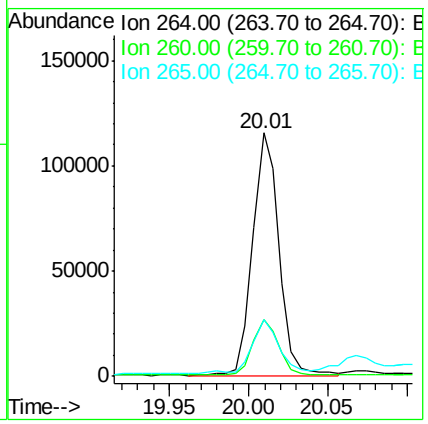


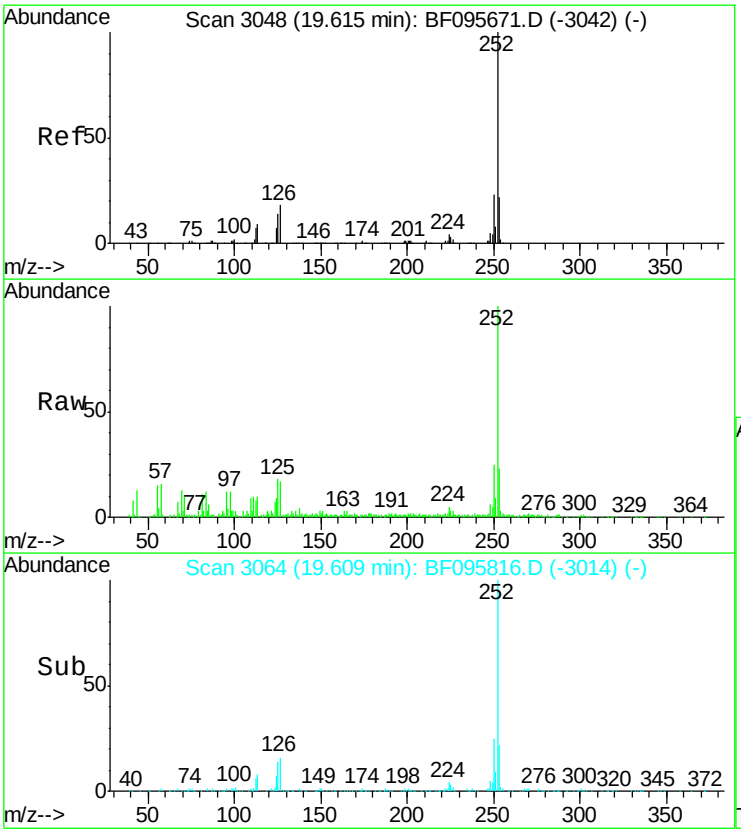
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.01 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:264 Resp: 132959

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	23.4	17.2	25.8

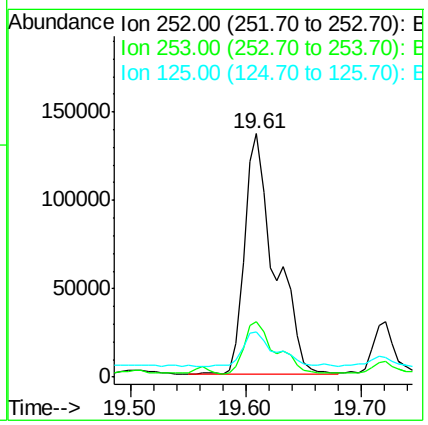


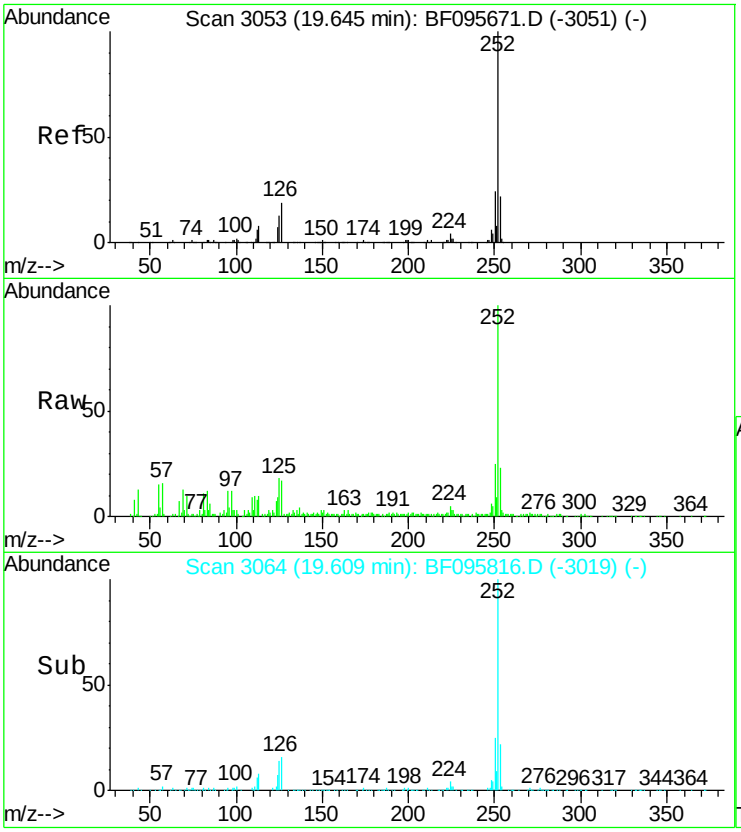


#87
Benzo(b)fluoranthene
Concen: 29.80 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:252 Resp: 248069

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	18.5	9.8	14.8#



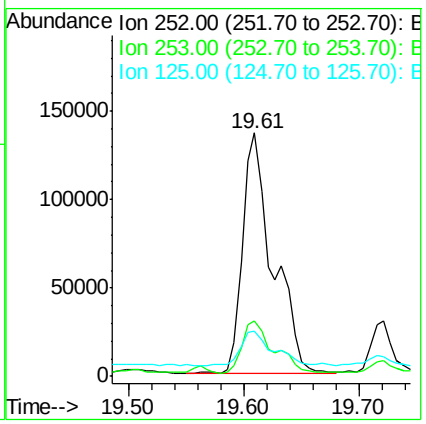


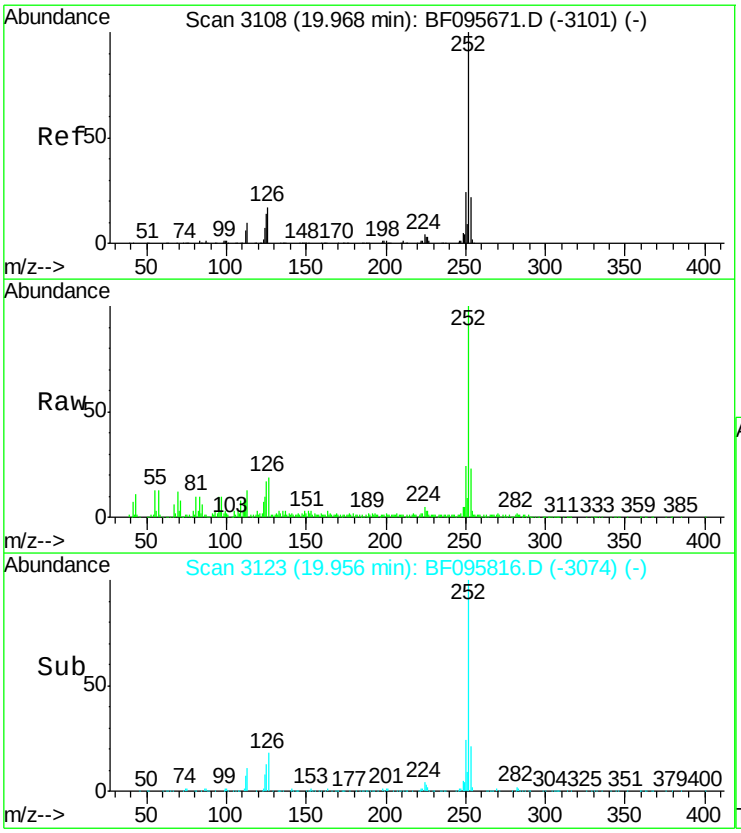
#88
Benzo(k)fluoranthene
Concen: 31.17 ng
RT: 19.61 min Scan# 3064
Delta R.T. -0.04 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:252 Resp: 248069

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	18.5	13.1	19.7

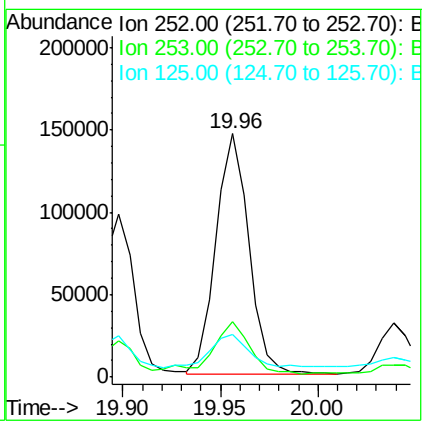


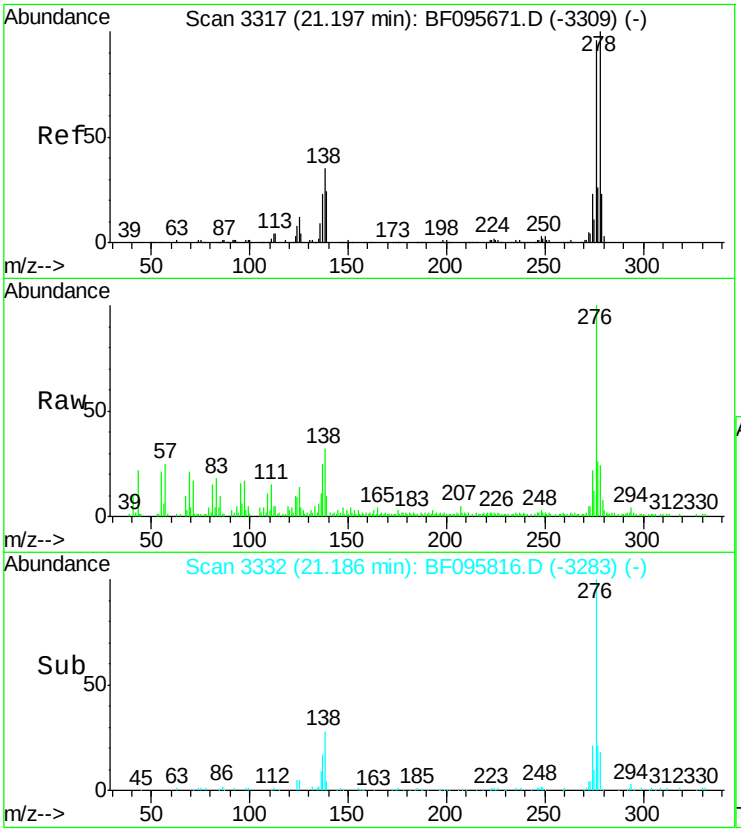


#89
Benzo(a)pyrene
Concen: 22.54 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:252 Resp: 172466

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	17.3	11.0	16.4#



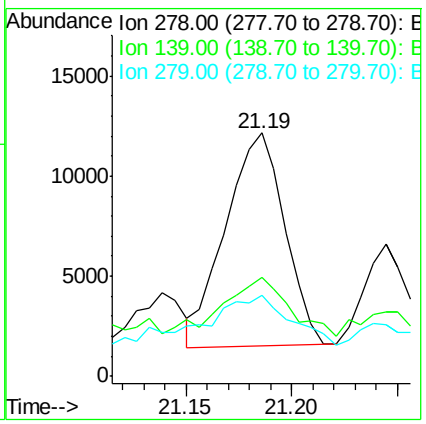


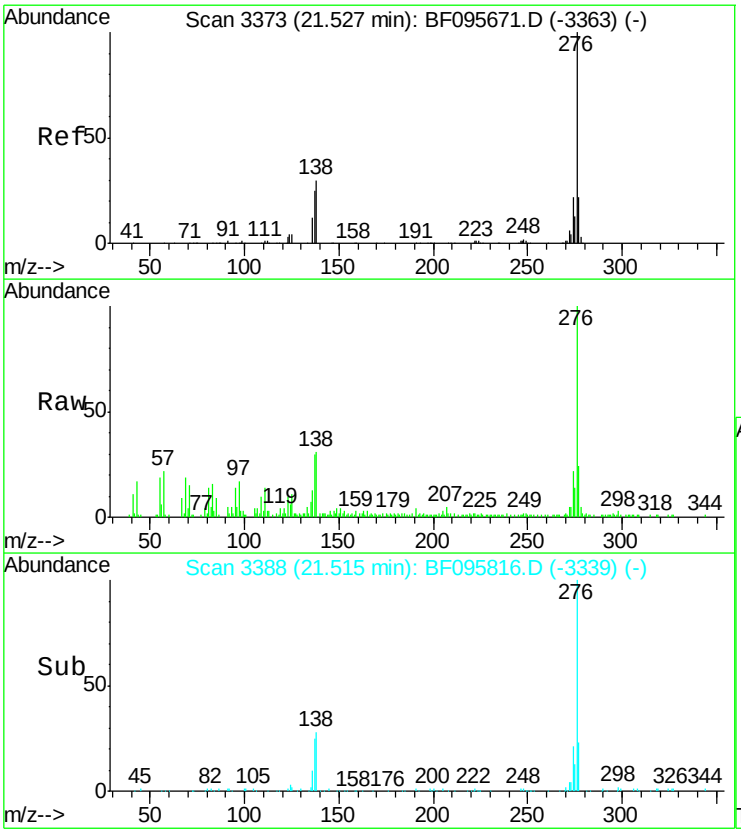
#90
Dibenzo(a,h)anthracene
Concen: 3.19 ng
RT: 21.19 min Scan# 3332
Delta R.T. -0.01 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Instrument :
BNA_F
ClientSampleId :
S-15

Tgt Ion:278 Resp: 20686

Ion	Ratio	Lower	Upper
278	100		
139	40.7	16.6	24.8#
279	33.4	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 11.75 ng
RT: 21.52 min Scan# 3388
Delta R.T. -0.01 min
Lab File: BF095816.D
Acq: 9 Jun 2017 12:15

Tgt Ion:276 Resp: 77764

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	30.9	25.4	38.0