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

Quantitation Report (LSC Reviewed)

Data File : BF095815.D
Acq On : 9 Jun 2017 11:43
Operator : SJ/MA
Sample : I3457-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-16

Quant Time: Jun 10 01:37:46 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	70826	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	285839	20.00	ng		-0.04
38) Acenaphthene-d10	12.22	164	129948	20.00	ng		-0.04
63) Phenanthrene-d10	14.62	188	227113	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	148326	20.00	ng		-0.02
86) Perylene-d12	20.00	264	138398	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	521305	117.28	ng		-0.02
7) Phenol-d6	6.93	99	631375	118.65	ng		-0.03
23) Nitrobenzene-d5	8.28	82	356995	77.56	ng		-0.04
41) 2,4,6-Tribromophenol	13.52	330	126807	110.29	ng		-0.04
44) 2-Fluorobiphenyl	11.18	172	598321	64.07	ng		-0.04
78) Terphenyl-d14	16.99	244	426210	71.31	ng		-0.02
Target Compounds							Qvalue
31) Naphthalene	9.43	128	53247	3.71	ng		98
49) Dimethylphthalate	11.87	163	88652	8.99	ng		100
54) Dibenzofuran	12.56	168	30126	2.59	ng		95
70) Phenanthrene	14.65	178	324127	24.73	ng		98
71) Anthracene	14.74	178	45954m	3.36	ng		
72) Carbazole	15.04	167	28249	2.12	ng		99
74) Fluoranthene	16.43	202	331563	25.56	ng		98
77) Pyrene	16.73	202	283156	25.58	ng		97
80) Benzo(a)anthracene	18.32	228	90316	10.47	ng		95
82) Chrysene	18.36	228	98548	11.43	ng		99
83) Bis(2-ethylhexyl)phthalate	18.41	149	54136	7.94	ng	#	99
85) Indeno(1,2,3-cd)pyrene	21.18	276	42587	5.78	ng	#	90
87) Benzo(b)fluoranthene	19.60	252	98480m	11.36	ng		
88) Benzo(k)fluoranthene	19.63	252	34060m	4.11	ng		
89) Benzo(a)pyrene	19.94	252	72132	9.06	ng	#	91
91) Benzo(g,h,i)perylene	21.51	276	41706	6.05	ng		95

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

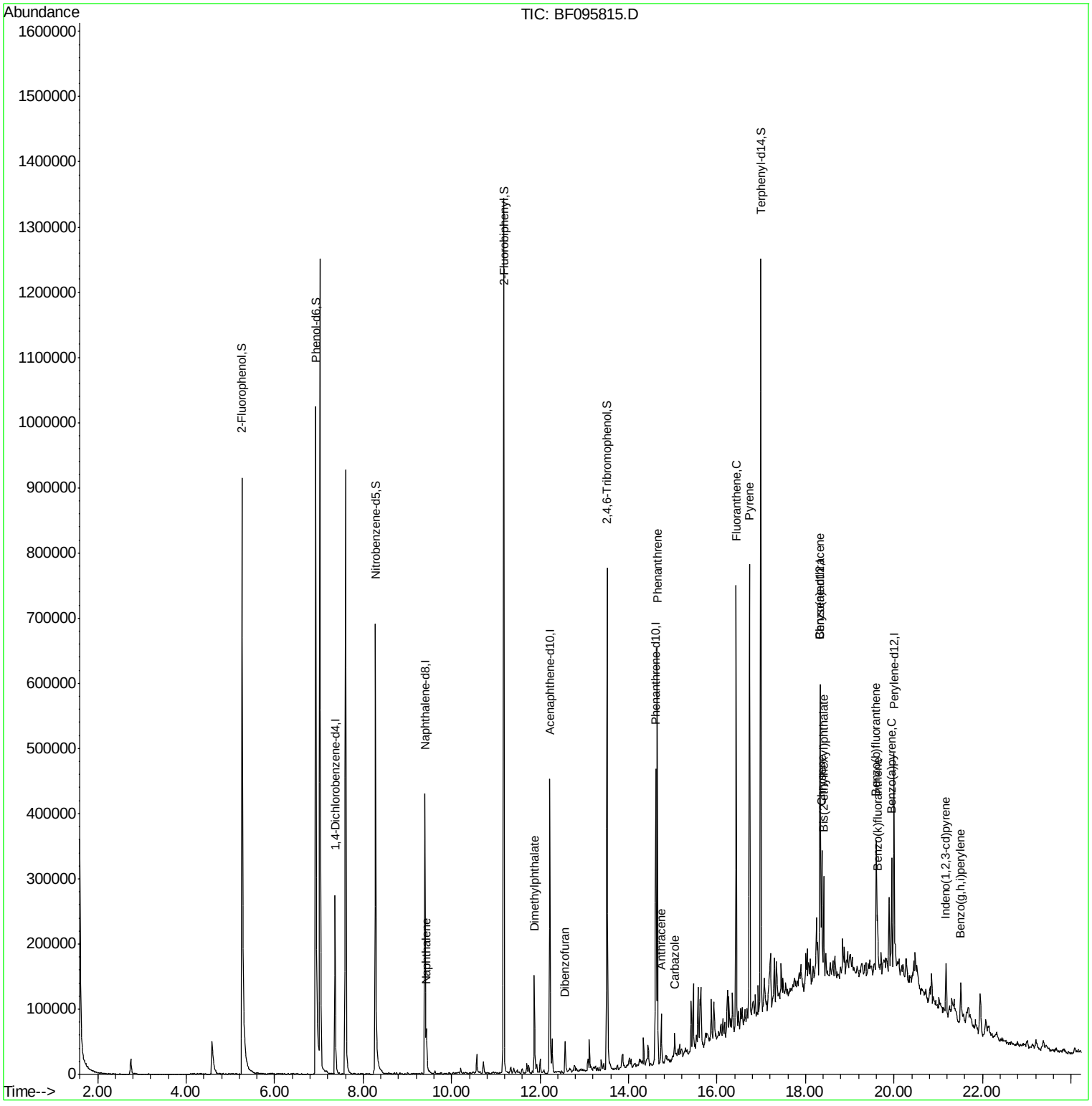
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060917\

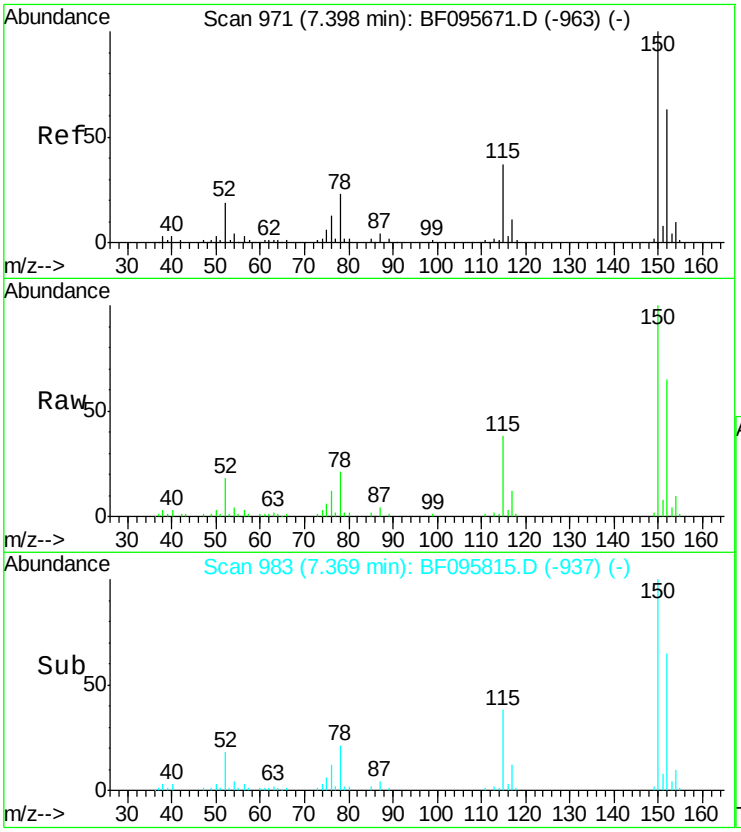
Quantitation Report (LSC Reviewed)

Data File : BF095815.D
Acq On : 9 Jun 2017 11:43
Operator : SJ/MA
Sample : I3457-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-16

Quant Time: Jun 10 01:37:46 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



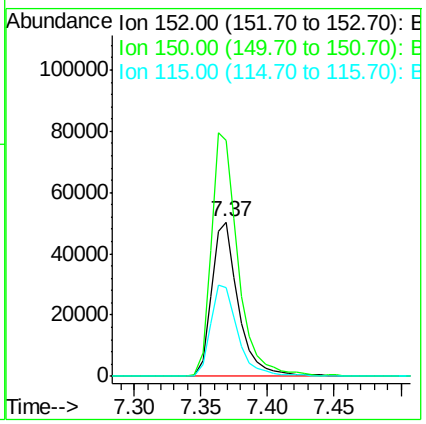


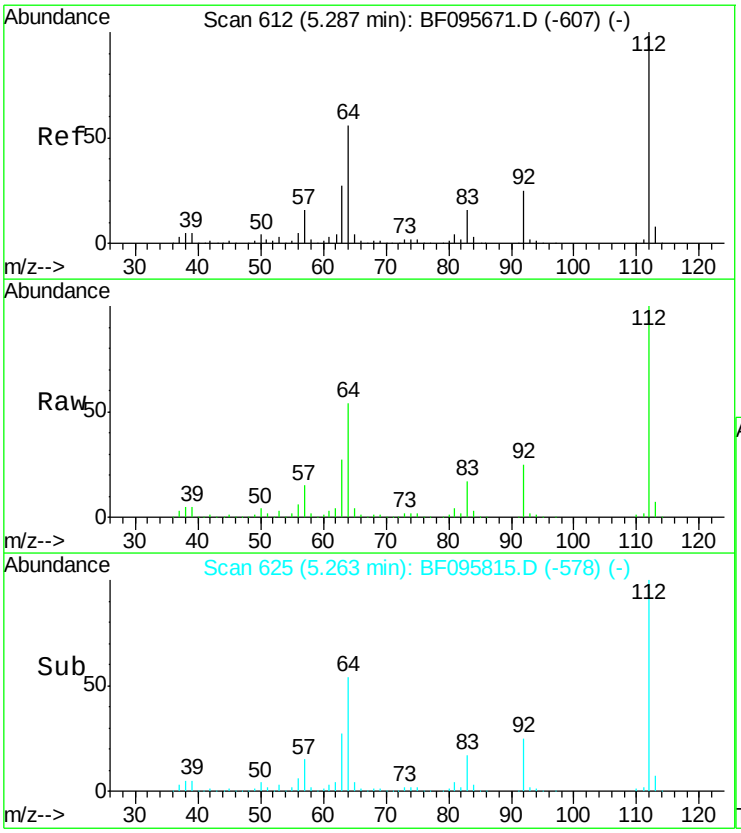
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:152 Resp: 70826

Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.2
115	57.8	52.2	78.2

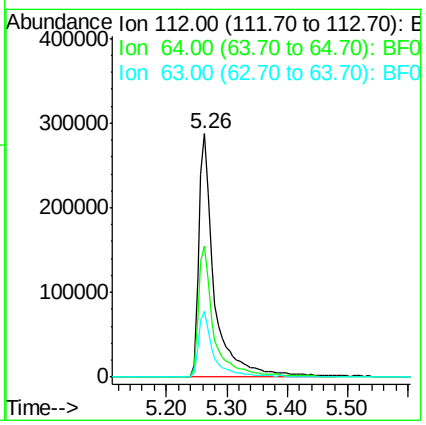


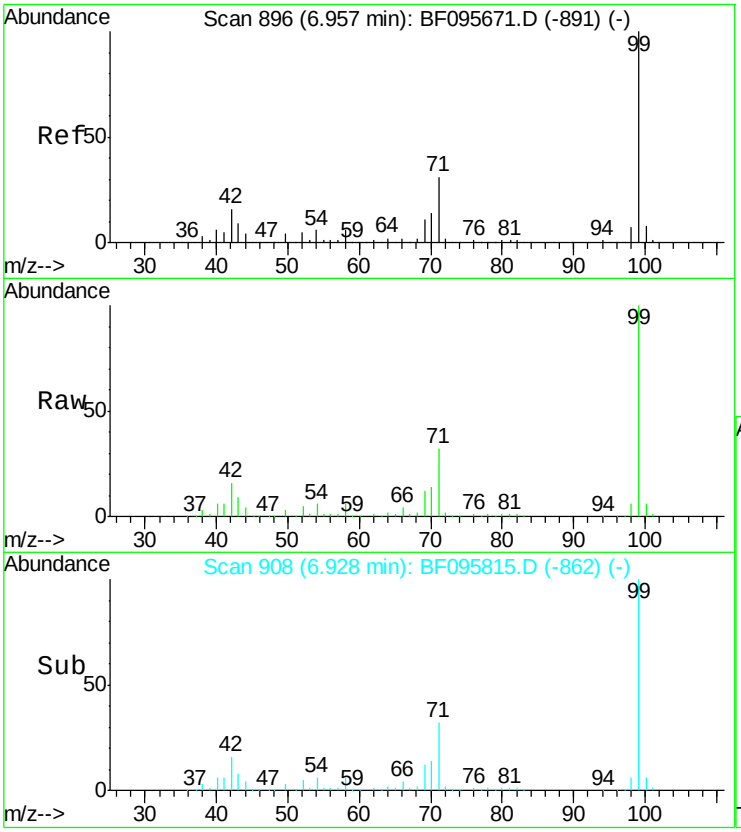


#5
2-Fluorophenol
Concen: 117.28 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:112 Resp: 521305

Ion	Ratio	Lower	Upper
112	100		
64	53.6	46.0	69.0
63	26.8	23.4	35.0



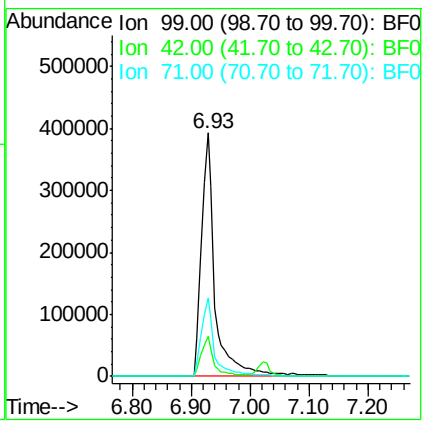


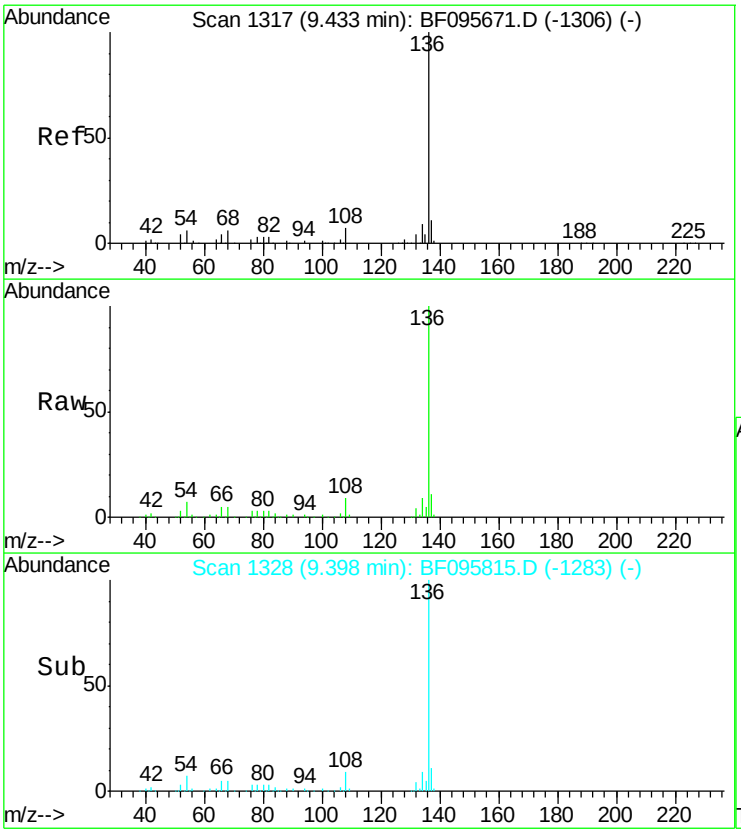
#7
Phenol-d6
Concen: 118.65 ng
RT: 6.93 min Scan# 908
Delta R.T. -0.03 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion: 99 Resp: 631375

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	32.2	24.5	36.7

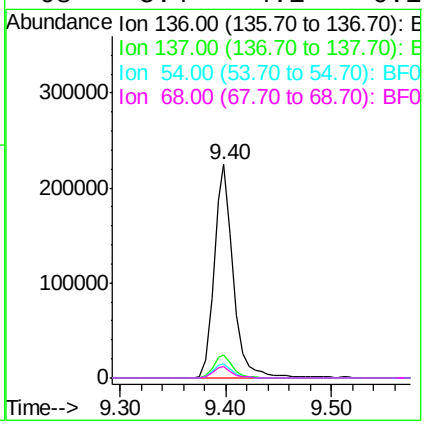


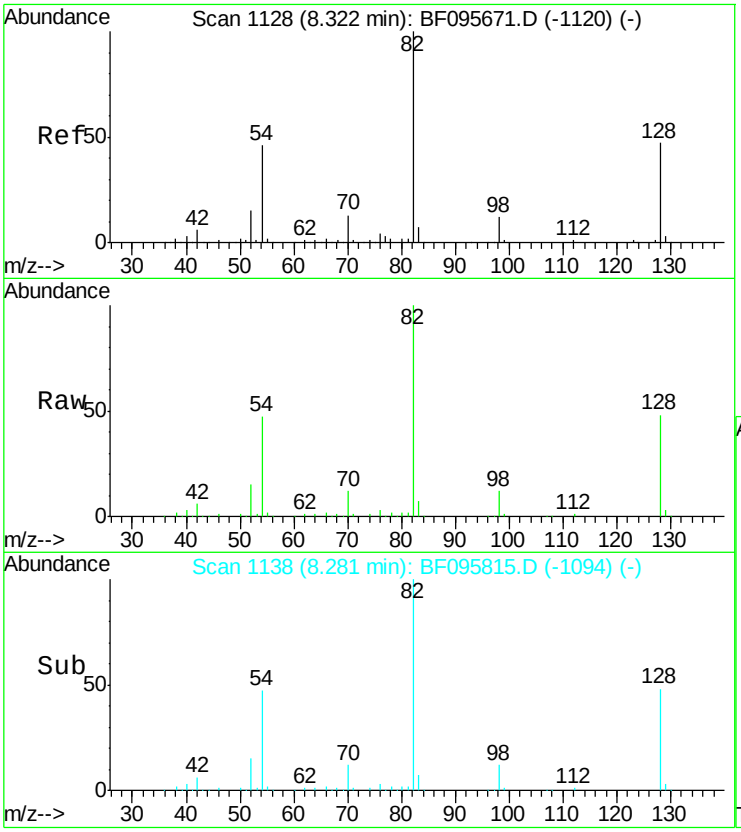


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.40 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:136 Resp: 285839

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	4.9	7.3
68	5.4	4.1	6.1



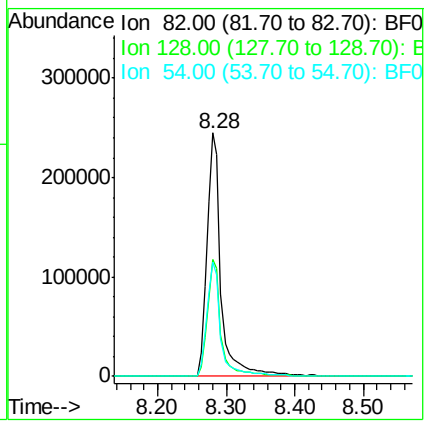


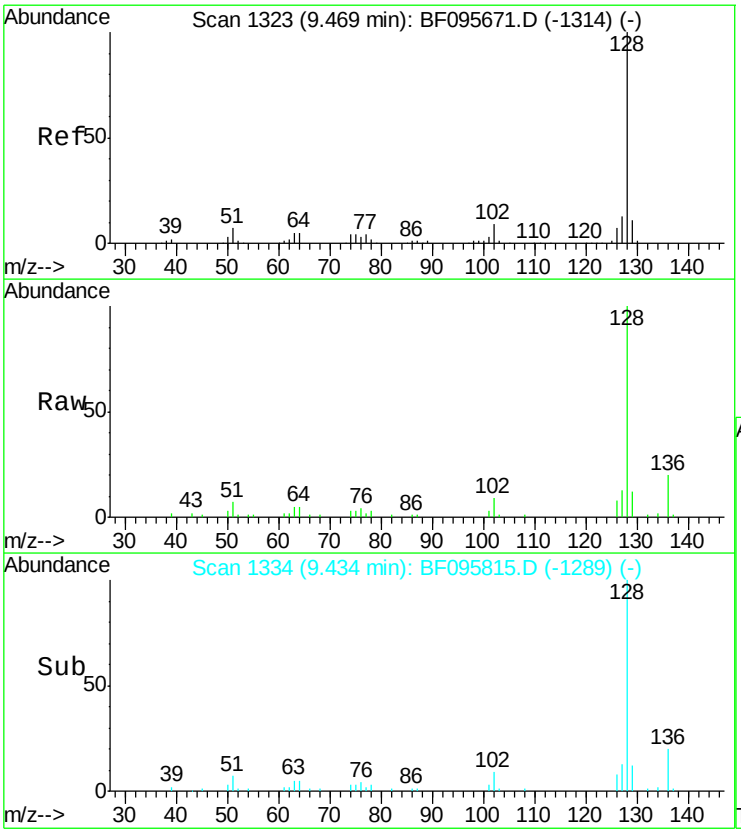
#23
Nitrobenzene-d5
Concen: 77.56 ng
RT: 8.28 min Scan# 1138
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion: 82 Resp: 356995

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	46.7	42.2	63.2

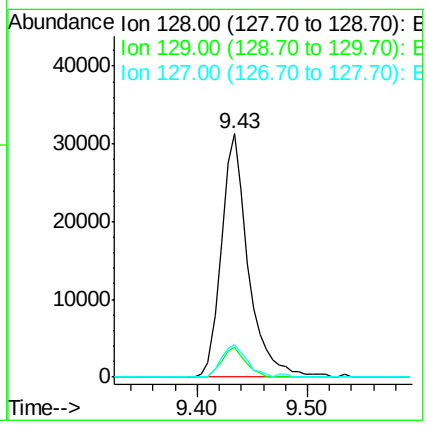


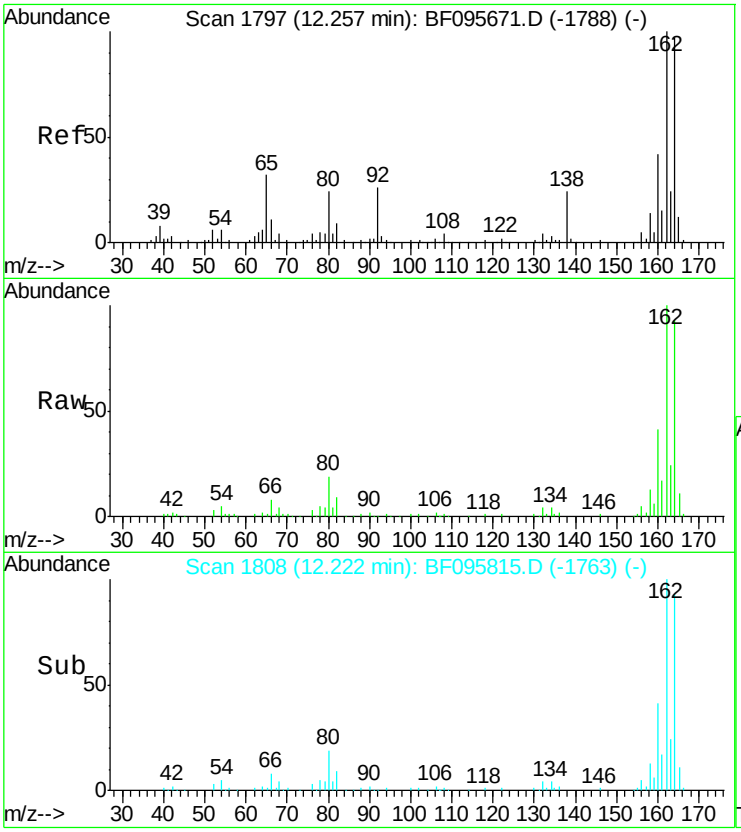


#31
Naphthalene
Concen: 3.71 ng
RT: 9.43 min Scan# 1334
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:128 Resp: 53247

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.6
127	13.2	10.8	16.2



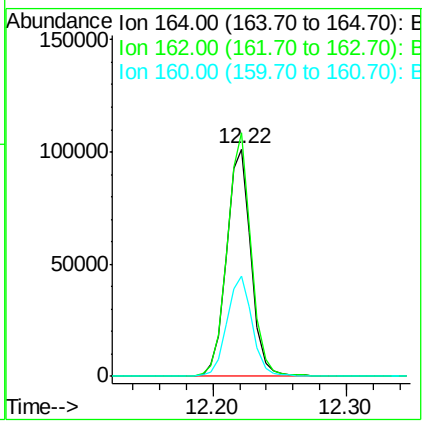


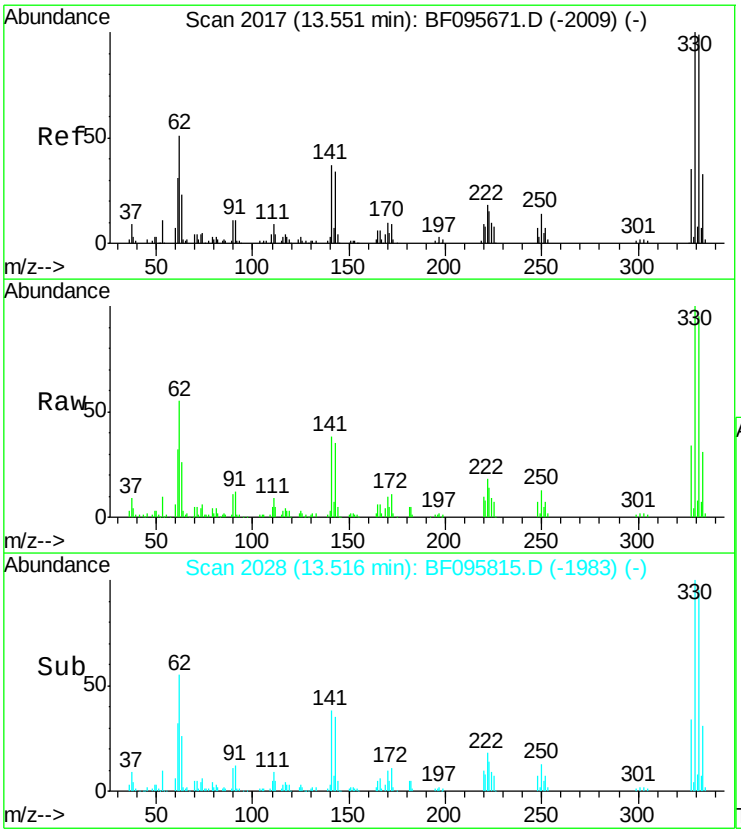
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 1808
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:164 Resp: 129948

Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.6	123.8
160	44.3	36.2	54.2

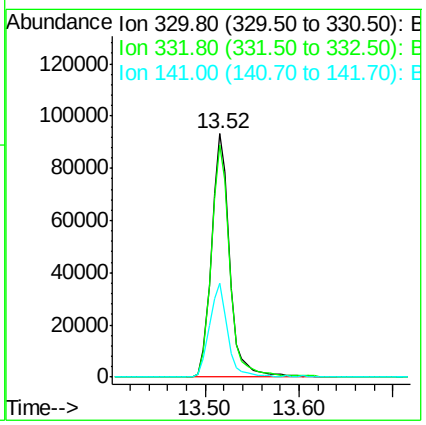


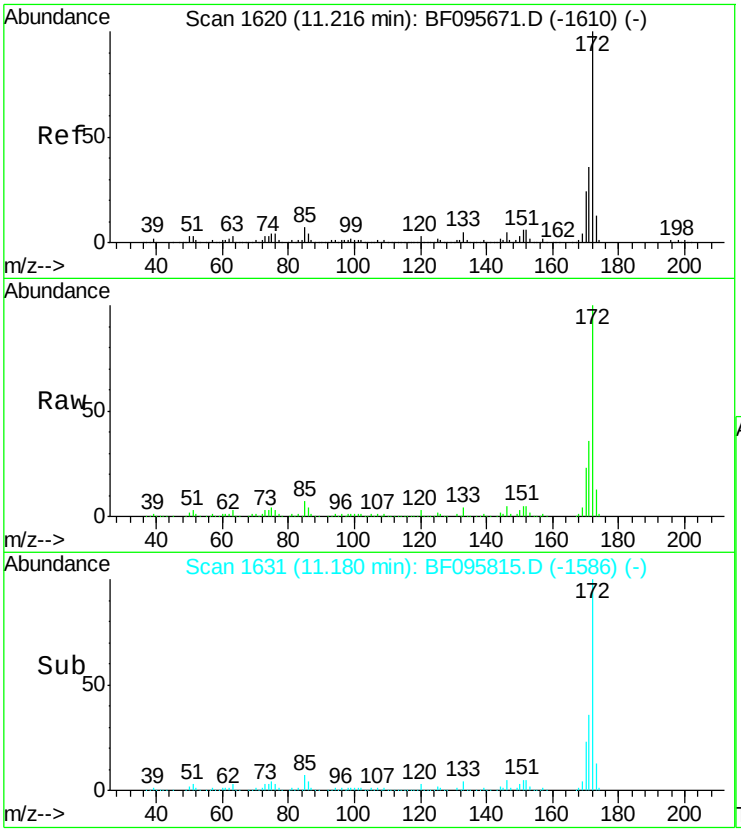


#41
2,4,6-Tribromophenol
Concen: 110.29 ng
RT: 13.52 min Scan# 2028
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:330 Resp: 126807

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.6	31.4	47.2



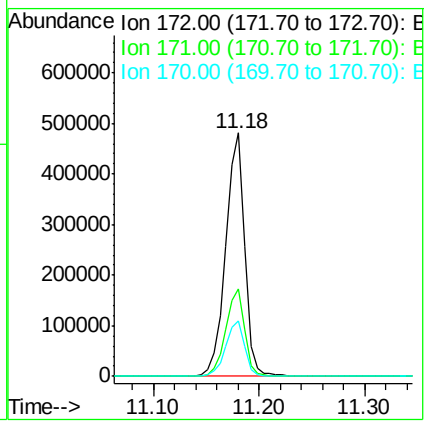


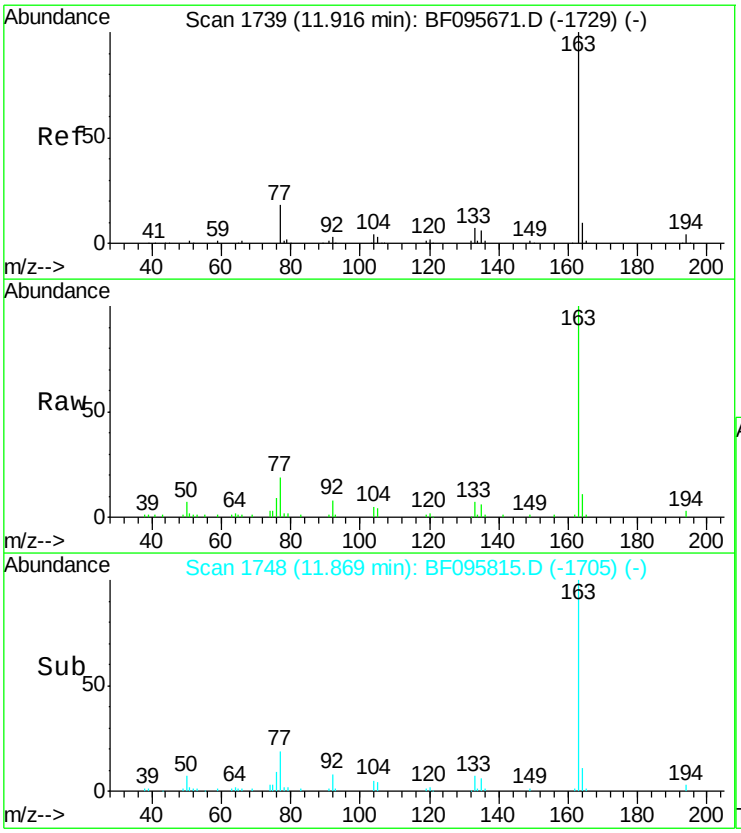
#44
2-Fluorobiphenyl
Concen: 64.07 ng
RT: 11.18 min Scan# 1631
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:172 Resp: 598321

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.9	19.8	29.8

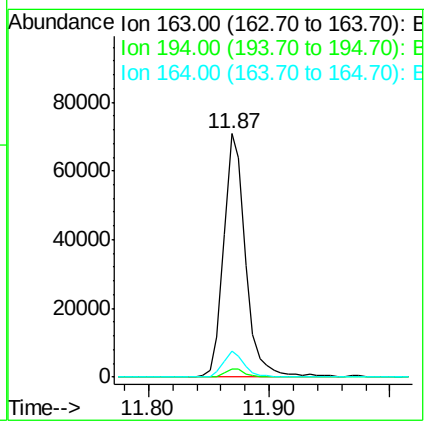


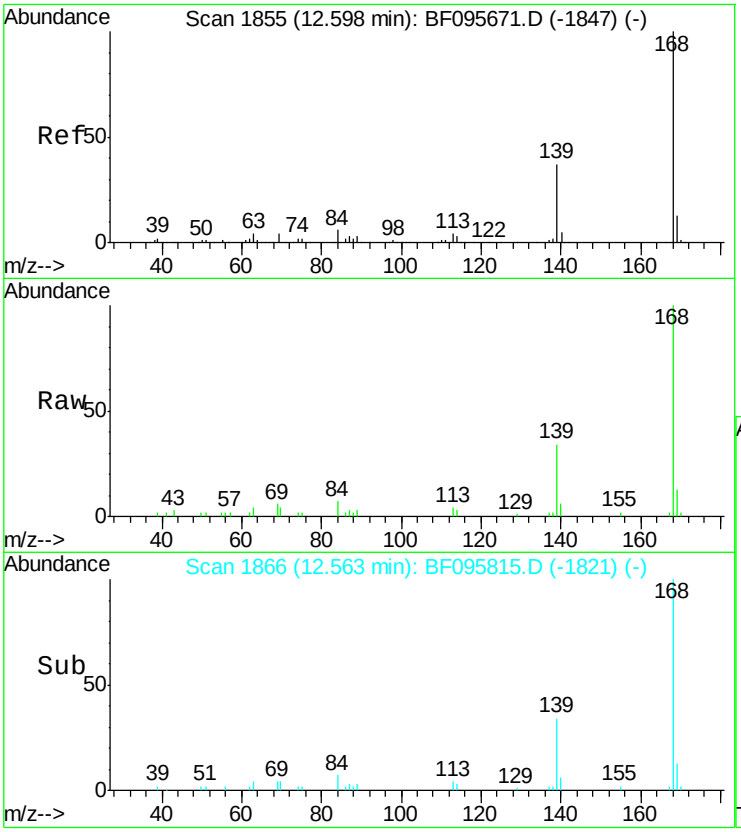


#49
Dimethylphthalate
Concen: 8.99 ng
RT: 11.87 min Scan# 1748
Delta R.T. -0.05 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:163 Resp: 88652

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.4	12.6



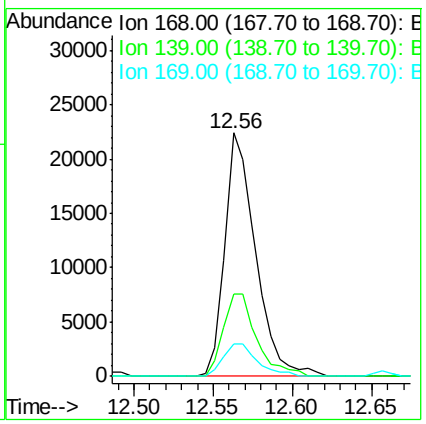


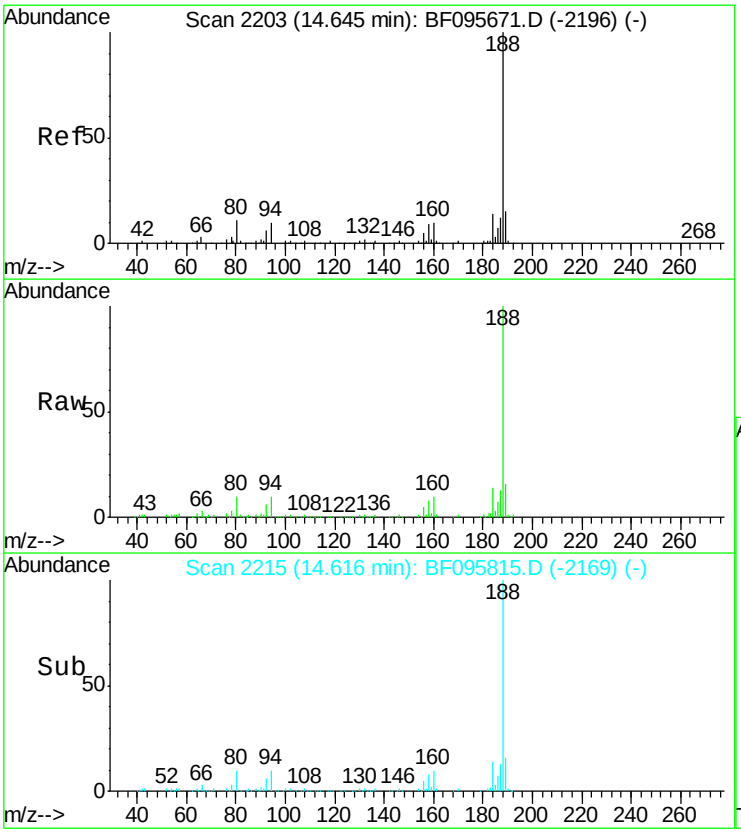
#54
Dibenzofuran
Concen: 2.59 ng
RT: 12.56 min Scan# 1866
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:168 Resp: 30126

Ion	Ratio	Lower	Upper
168	100		
139	33.9	30.6	45.8
169	13.2	10.8	16.2

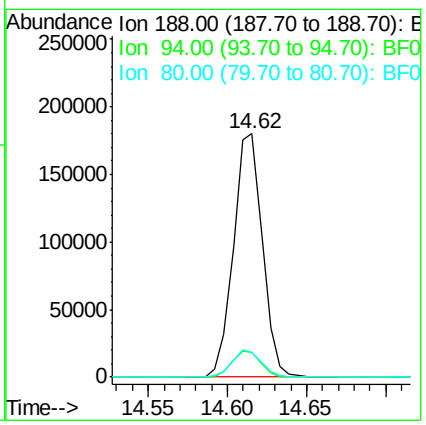


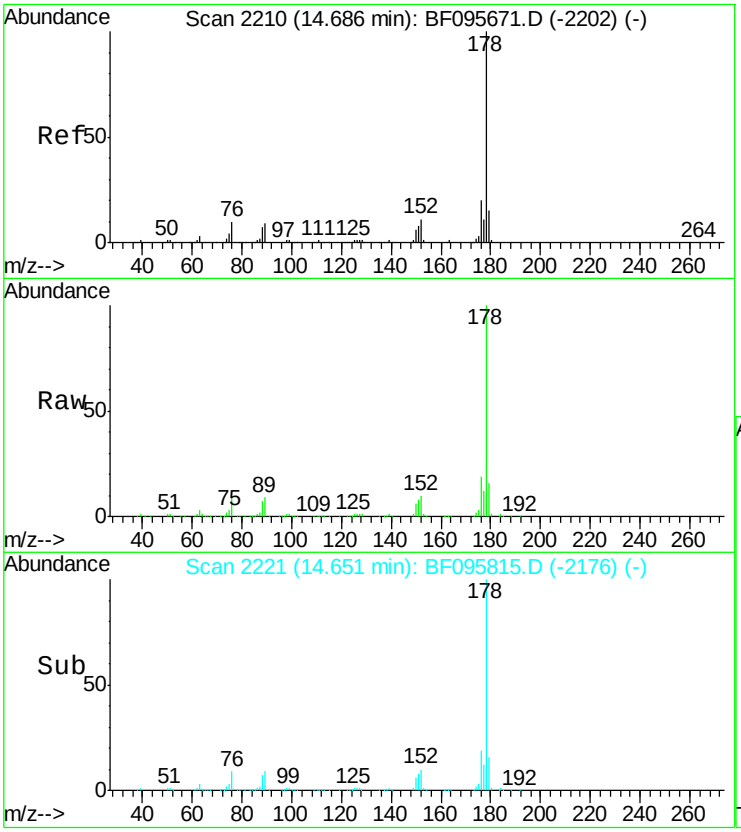


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.03 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:188 Resp: 227113

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.4	10.2	15.2



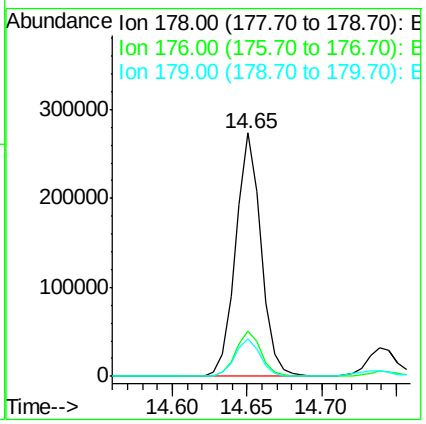


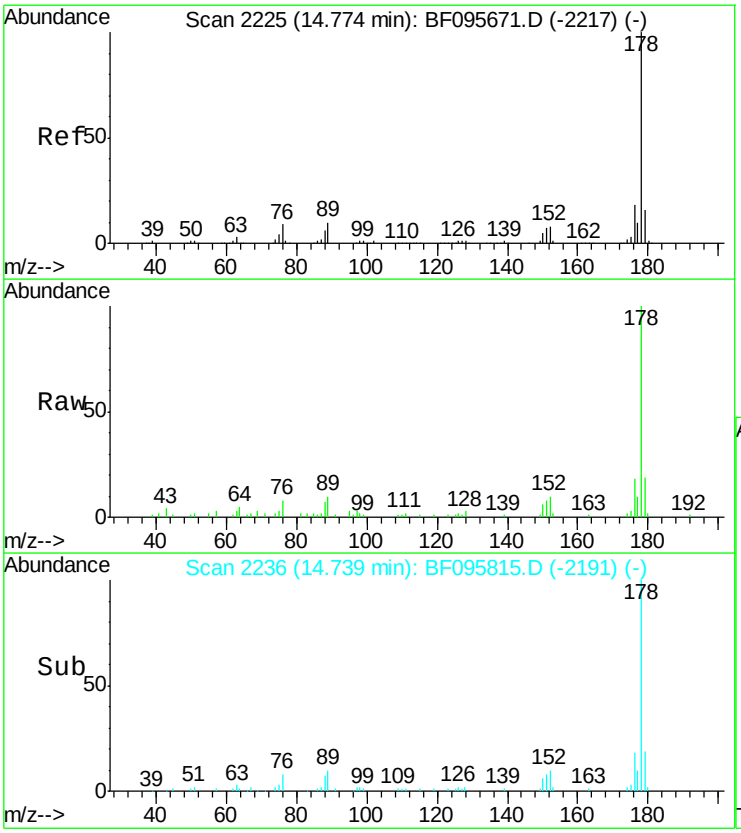
#70
Phenanthrene
Concen: 24.73 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:178 Resp: 324127

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.6	12.6	19.0

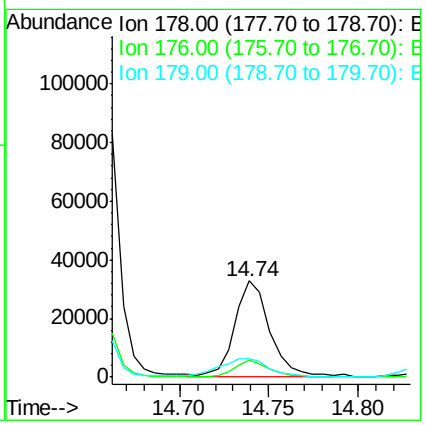


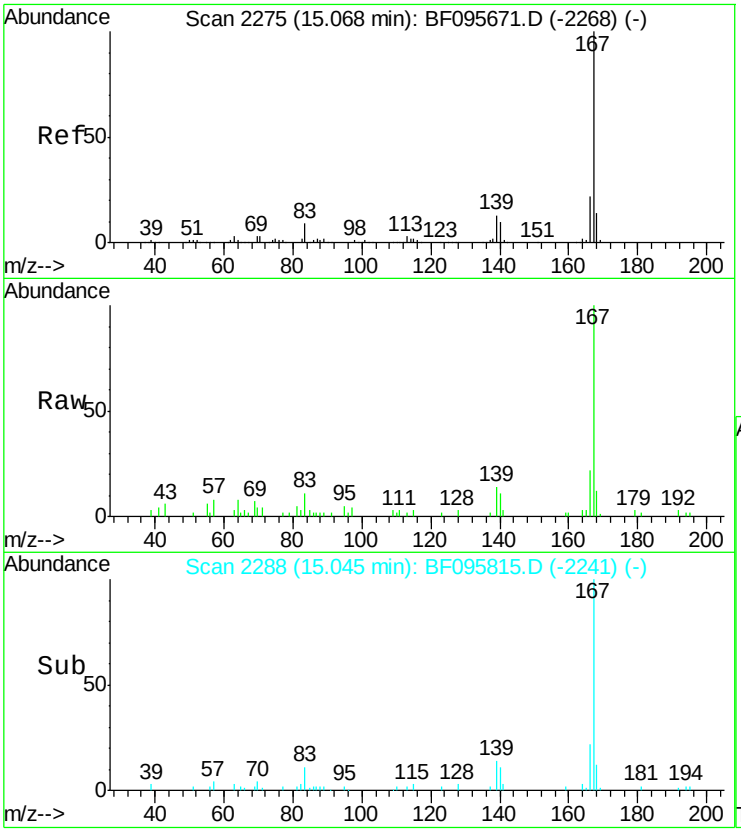


#71
Anthracene
Concen: 3.36 ng m
RT: 14.74 min Scan# 2236
Delta R.T. -0.04 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:178 Resp: 45954

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.8
179	19.2	12.7	19.1#



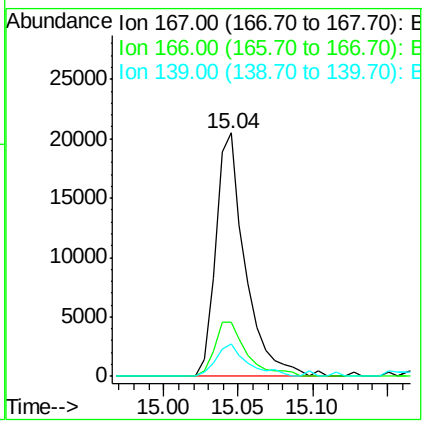


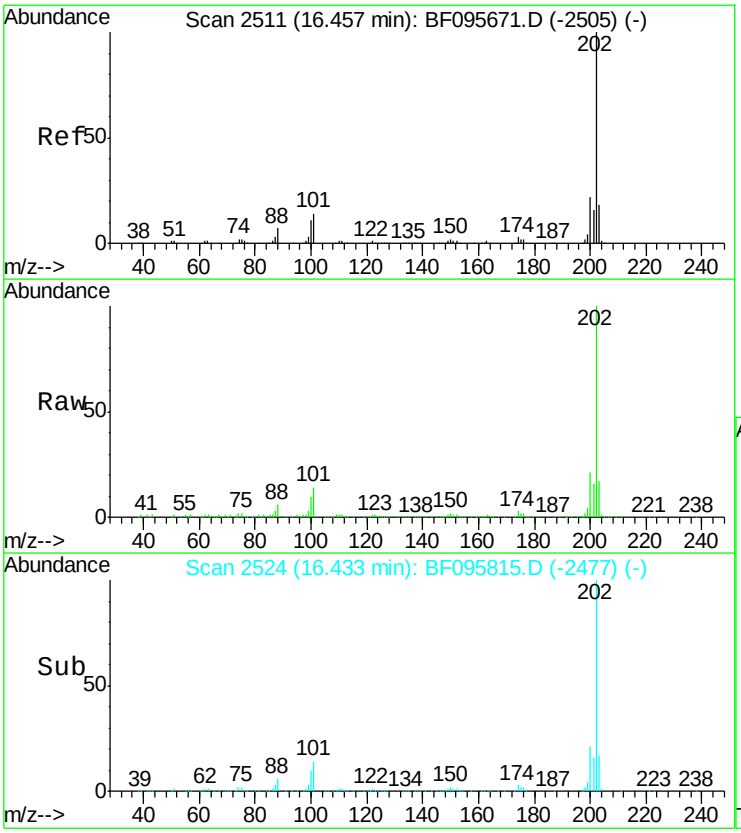
#72
Carbazole
Concen: 2.12 ng
RT: 15.04 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:167 Resp: 28249

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.5	11.7	17.5

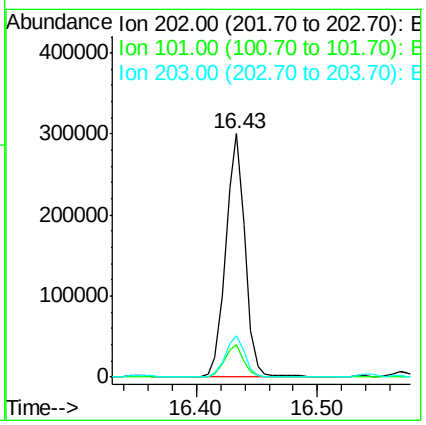


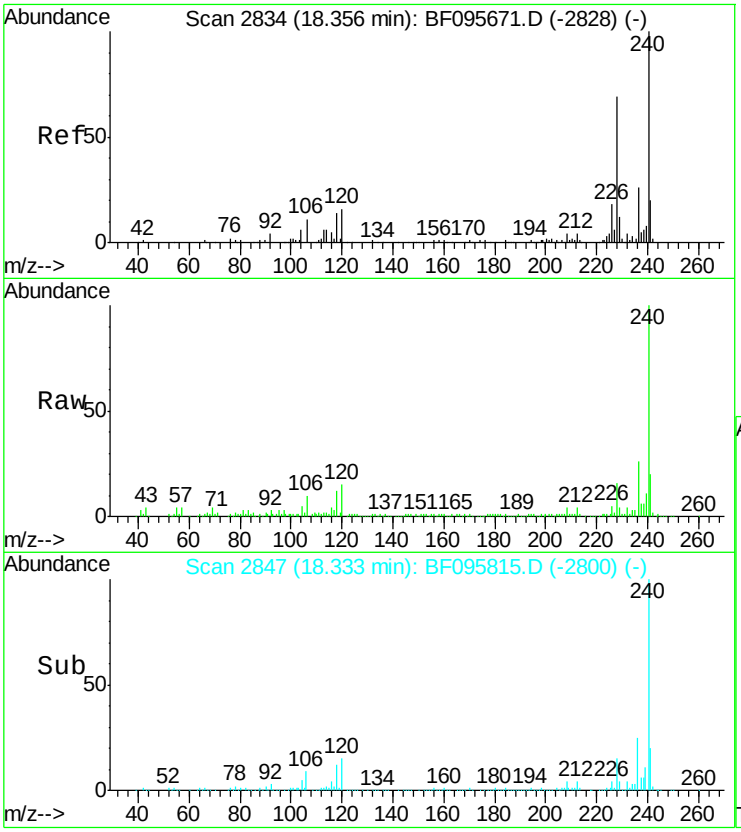


#74
Fluoranthene
Concen: 25.56 ng
RT: 16.43 min Scan# 2524
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:202 Resp: 331563

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	33.2
203	17.1	0.0	38.1



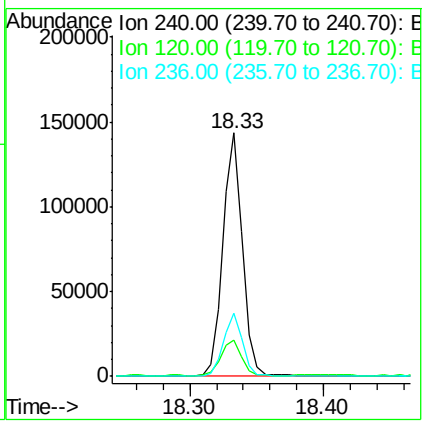


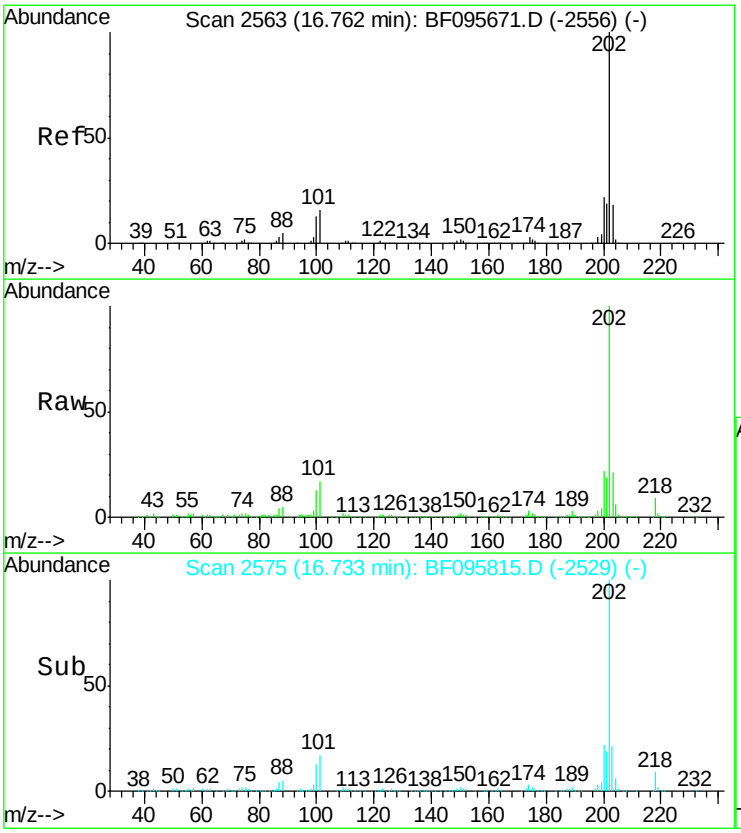
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.33 min Scan# 2847
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:240 Resp: 148326

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.7	20.5	30.7

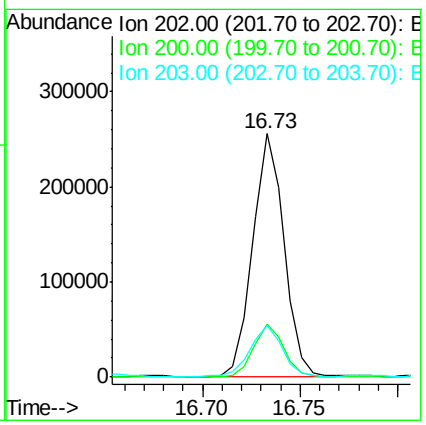


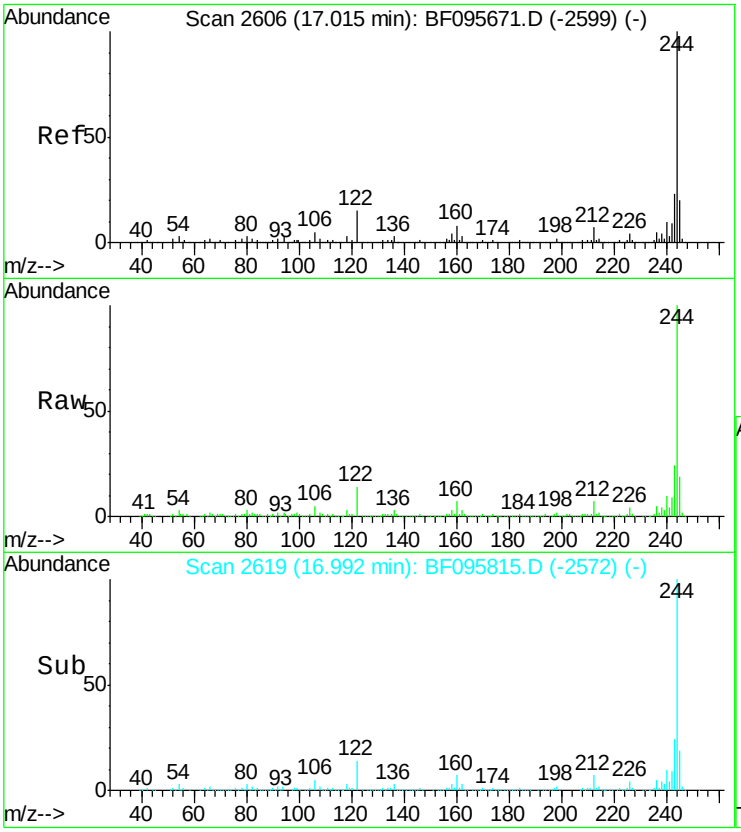


#77
Pyrene
Concen: 25.58 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:202 Resp: 283156

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	21.1	14.4	21.6



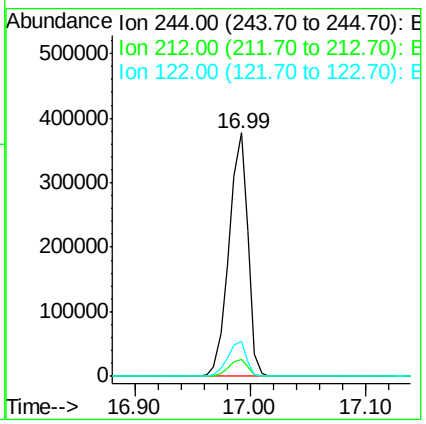


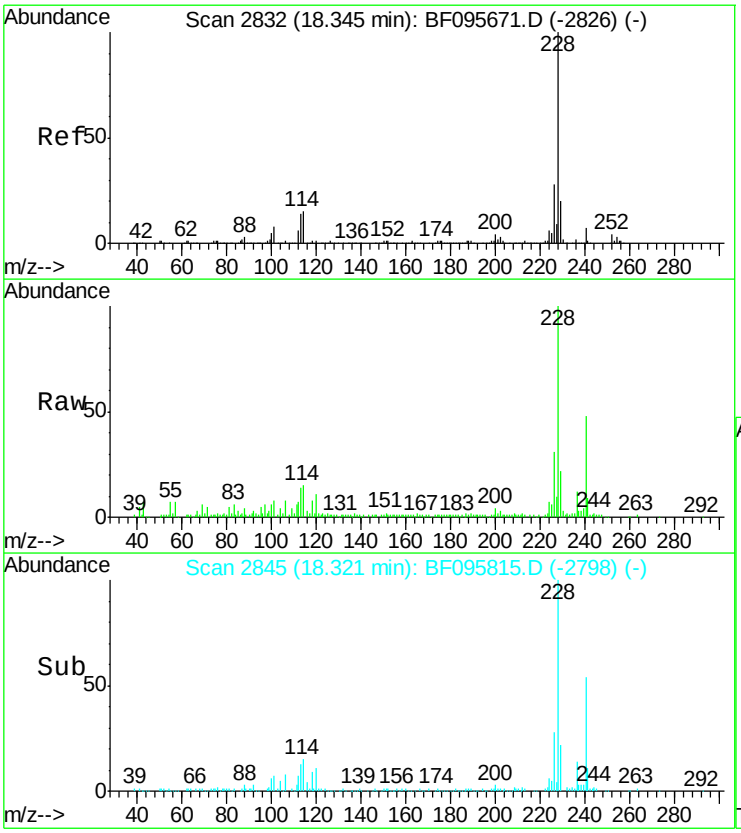
#78
Terphenyl-d14
Concen: 71.31 ng
RT: 16.99 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:244 Resp: 426210

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.2	10.3	15.5

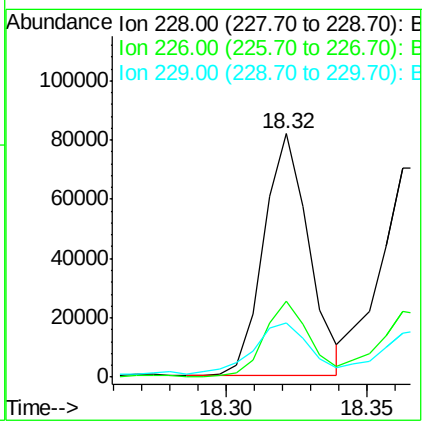


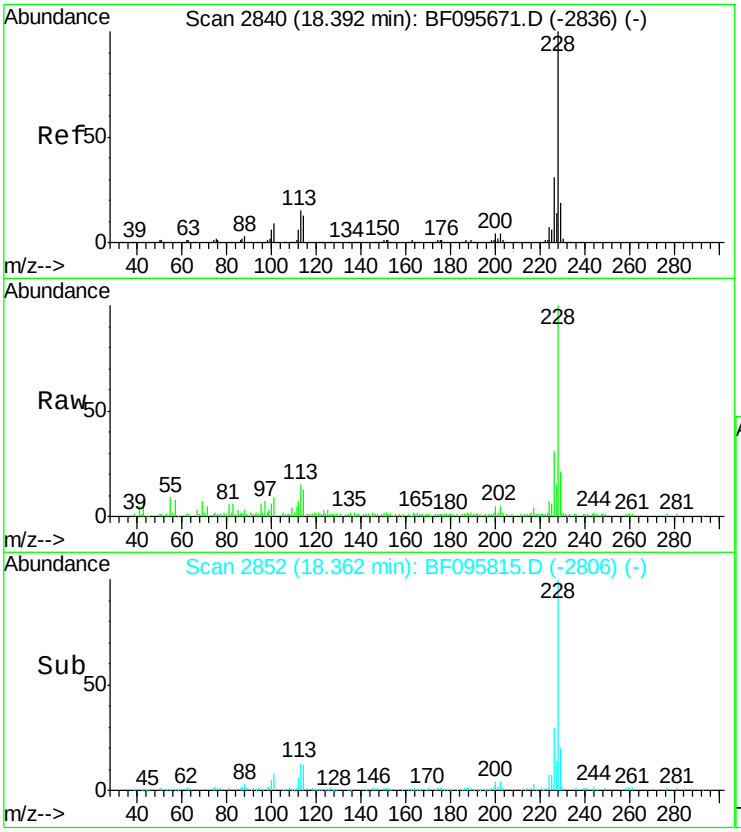


#80
Benzo(a)anthracene
Concen: 10.47 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:228 Resp: 90316

Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	22.2	16.3	24.5



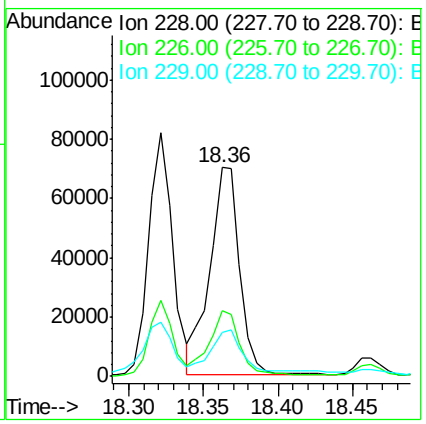


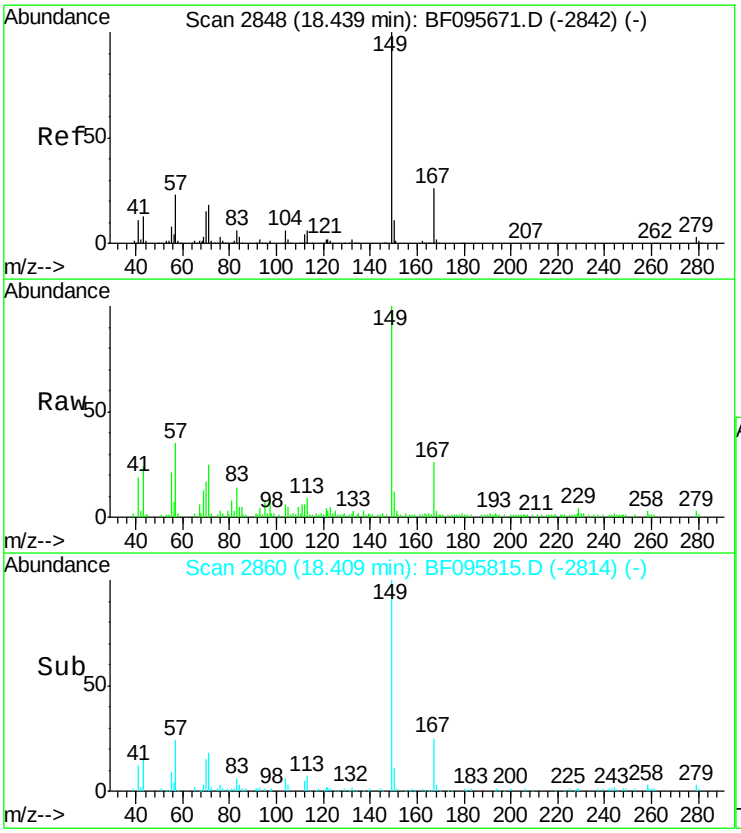
#82
Chrysene
Concen: 11.43 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:228 Resp: 98548

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	20.9	15.8	23.6

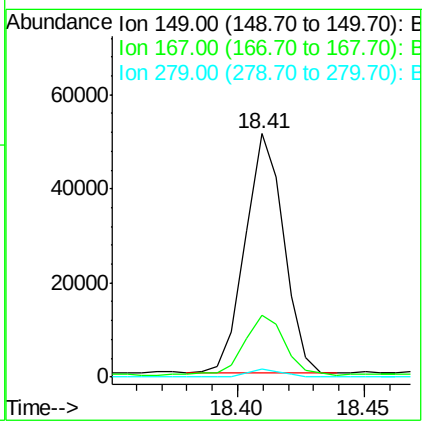


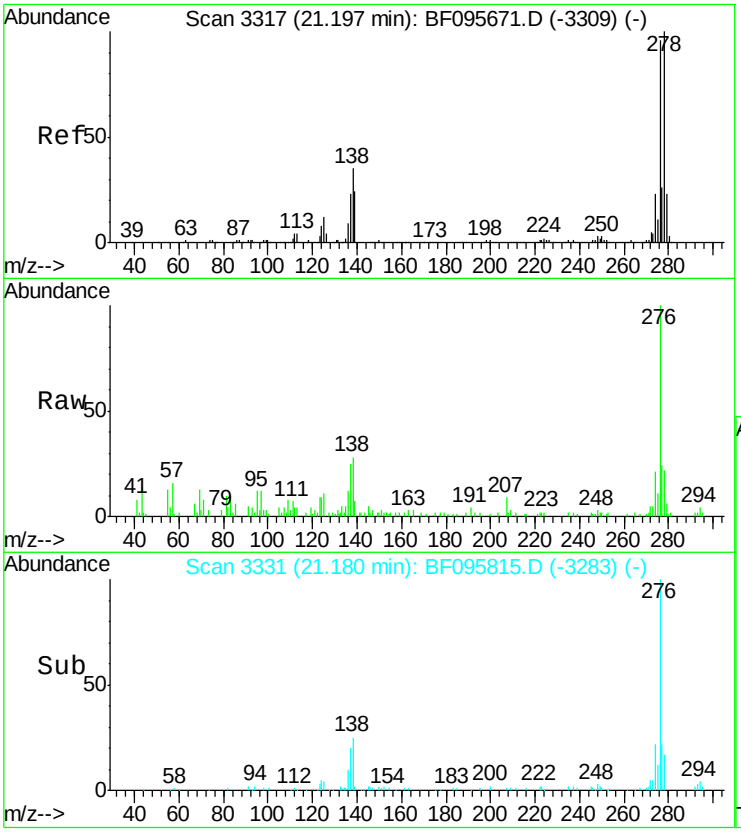


#83
Bis(2-ethylhexyl)phthalate
Concen: 7.94 ng
RT: 18.41 min Scan# 2860
Delta R.T. -0.03 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:149 Resp: 54136

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	3.4	1.9	2.9#



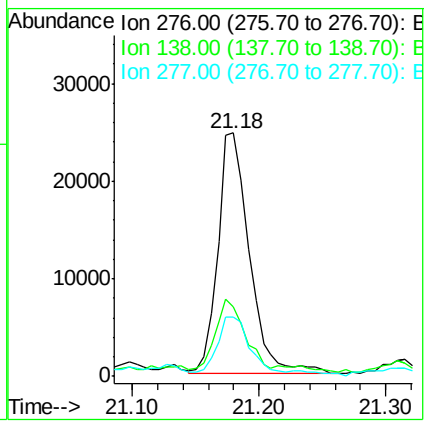


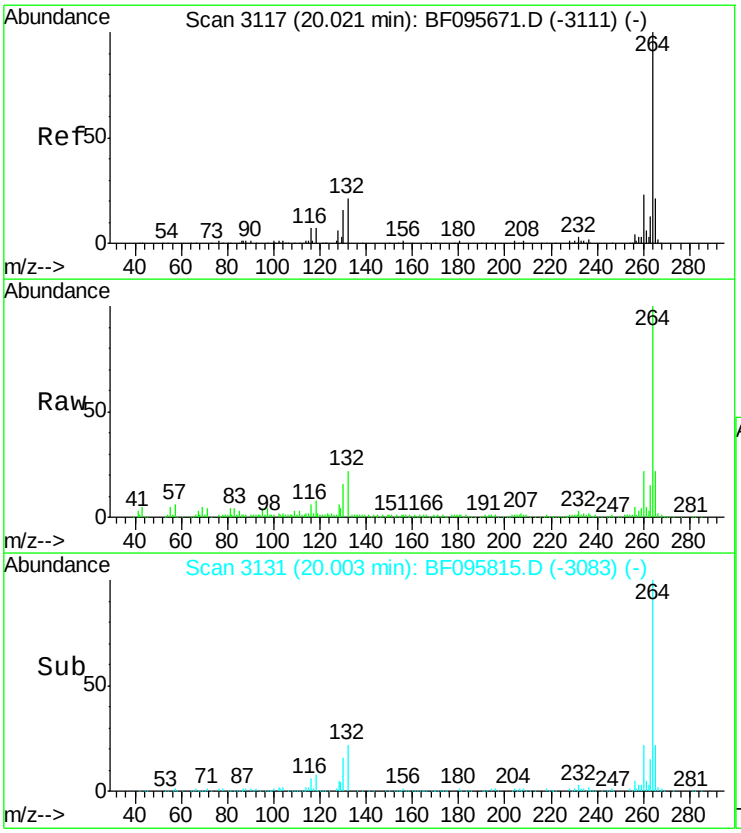
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.78 ng
RT: 21.18 min Scan# 3331
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:276 Resp: 42587

Ion	Ratio	Lower	Upper
276	100		
138	27.6	27.8	41.6#
277	22.4	20.2	30.4

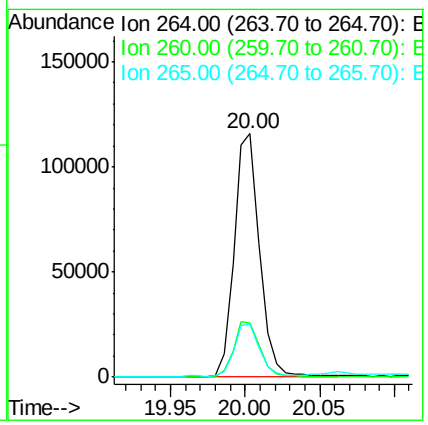


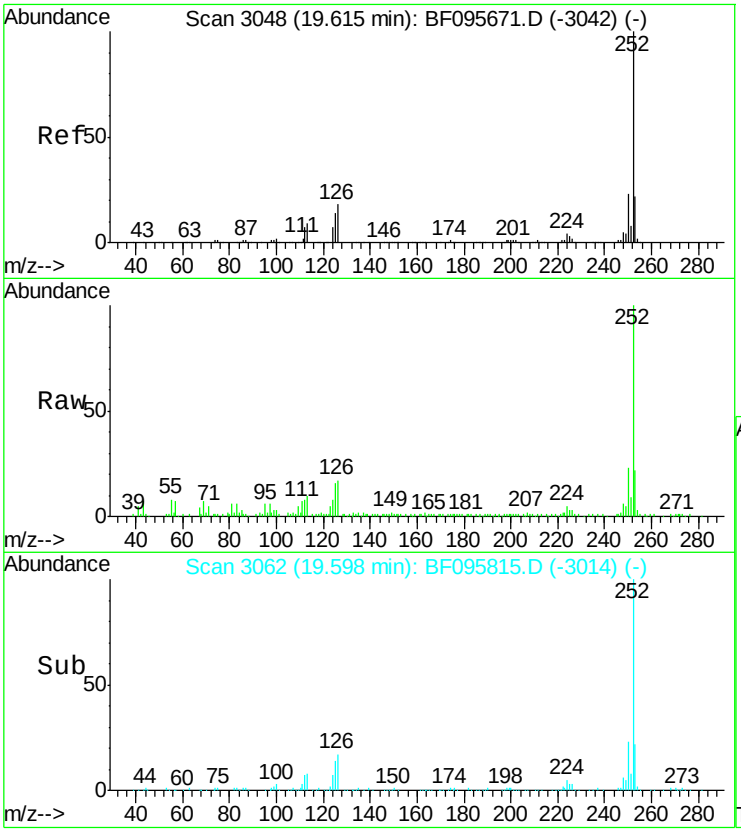


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3131
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:264 Resp: 138398

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.6	17.2	25.8



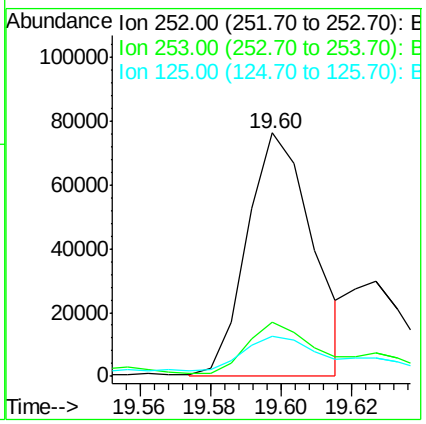


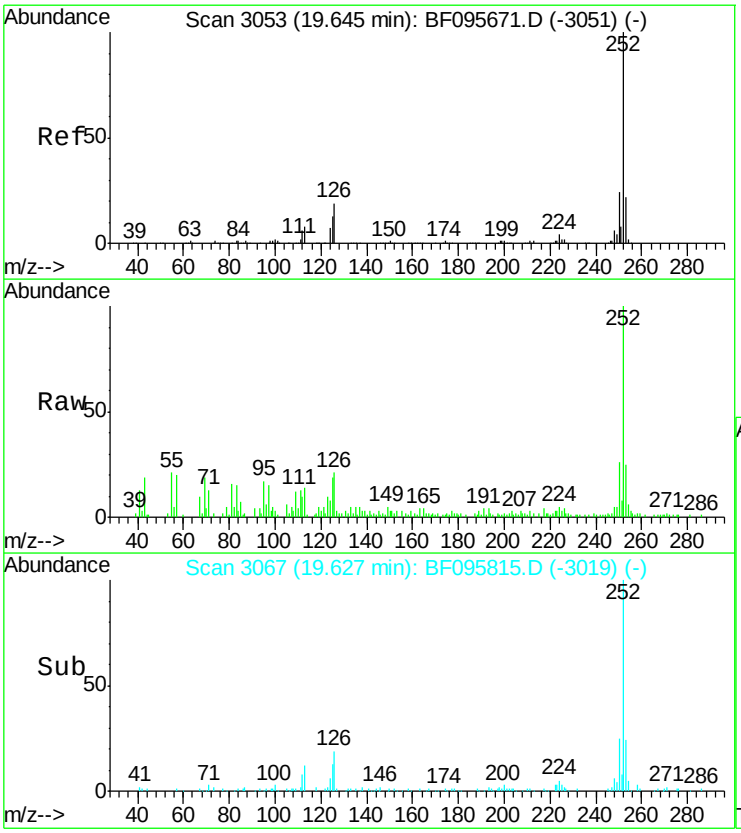
#87
Benzo(b)fluoranthene
Concen: 11.36 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:252 Resp: 98480

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	16.5	9.8	14.8#

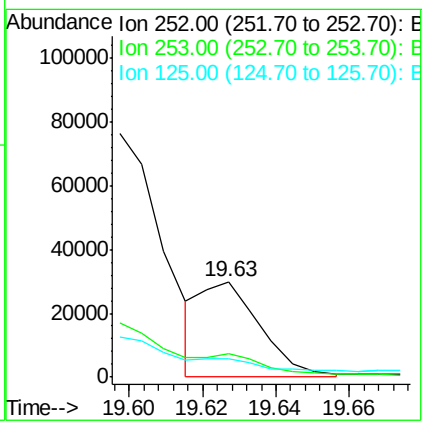


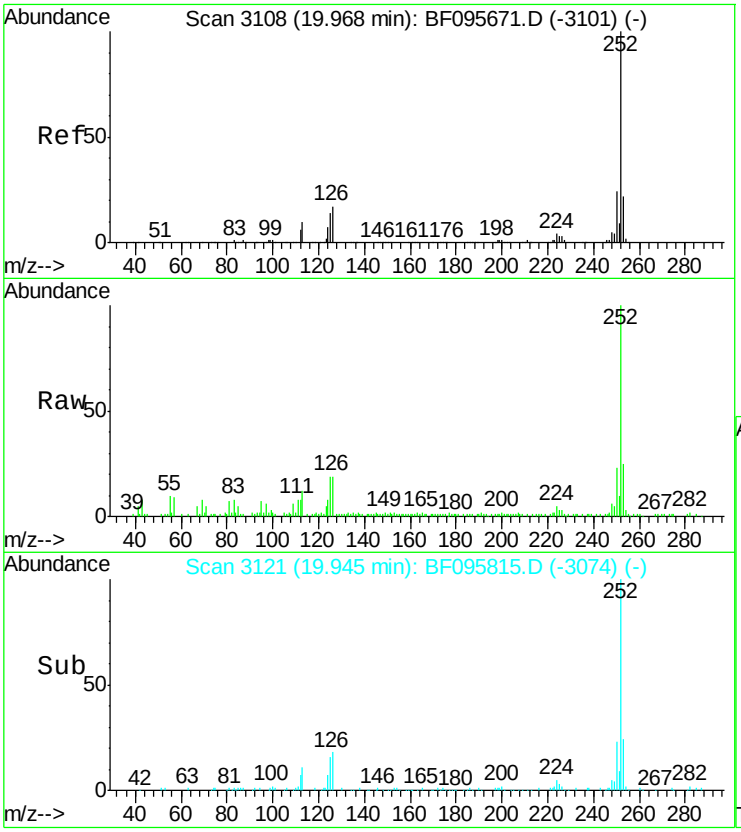


#88
Benzo(k)fluoranthene
Concen: 4.11 ng m
RT: 19.63 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:252 Resp: 34060

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.4	27.6
125	18.9	13.1	19.7



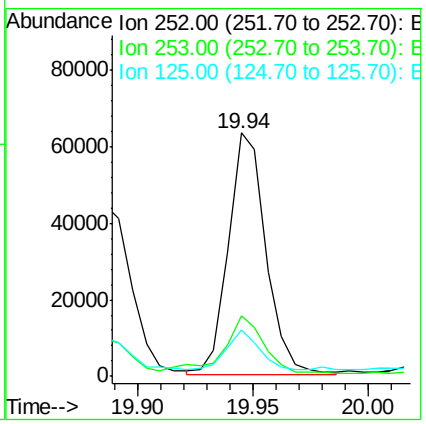


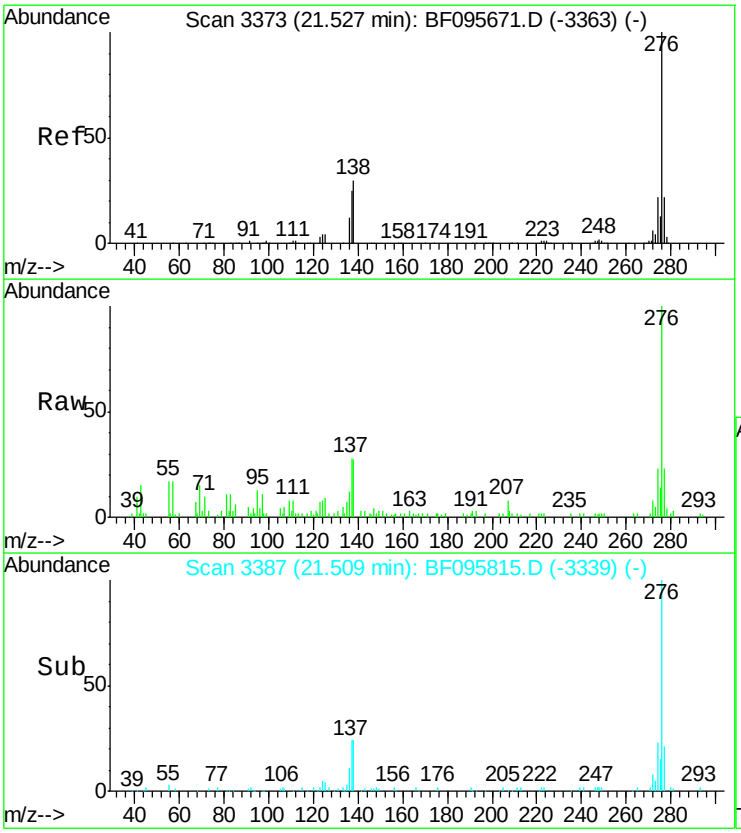
#89
Benzo(a)pyrene
Concen: 9.06 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Instrument :
BNA_F
ClientSampleId :
S-16

Tgt Ion:252 Resp: 72132

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	19.4	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 6.05 ng
RT: 21.51 min Scan# 3387
Delta R.T. -0.02 min
Lab File: BF095815.D
Acq: 9 Jun 2017 11:43

Tgt Ion:276 Resp: 41706

Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	27.4	25.4	38.0