Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
Sample : I5745-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 04:59:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	93300	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	342853	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	131981	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	219889	20.00	ng		0.00
75) Chrysene-d12	14.03	240	189839	20.00	ng		0.00
86) Perylene-d12	15.51	264	131688	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	248509	42.40	ng		0.00
7) Phenol-d6	6.49	99	289892	40.10	ng		0.00
23) Nitrobenzene-d5	7.43	82	147781	27.64	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	42011	38.90	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	277600	35.11	ng		0.00
78) Terphenyl-d14	12.97	244	238836	28.61	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	7.39	117	11535	4.54	ng	#	1
22) Acetophenone	7.25	105	52488	6.32	ng	#	58
49) Dimethylphthalate	9.61	163	42560	4.27	ng	#	97
70) Phenanthrene	11.41	178	53247	4.52	ng		99
74) Fluoranthene	12.60	202	83468	7.00	ng		95
77) Pyrene	12.83	202	76336	5.27	ng		98
80) Benzo(a)anthracene	14.02	228	33156	2.88	ng		98
82) Chrysene	14.06	228	31971	2.92	ng		97
87) Benzo(b)fluoranthene	15.07	252	39596	4.89	ng	#	82
88) Benzo(k)fluoranthene	15.07	252	39596	4.95	ng	#	85
89) Benzo(a)pyrene	15.44	252	19938	2.68	ng	#	84
91) Benzo(g,h,i)perylene	17.45	276	12048	2.05	ng	#	82

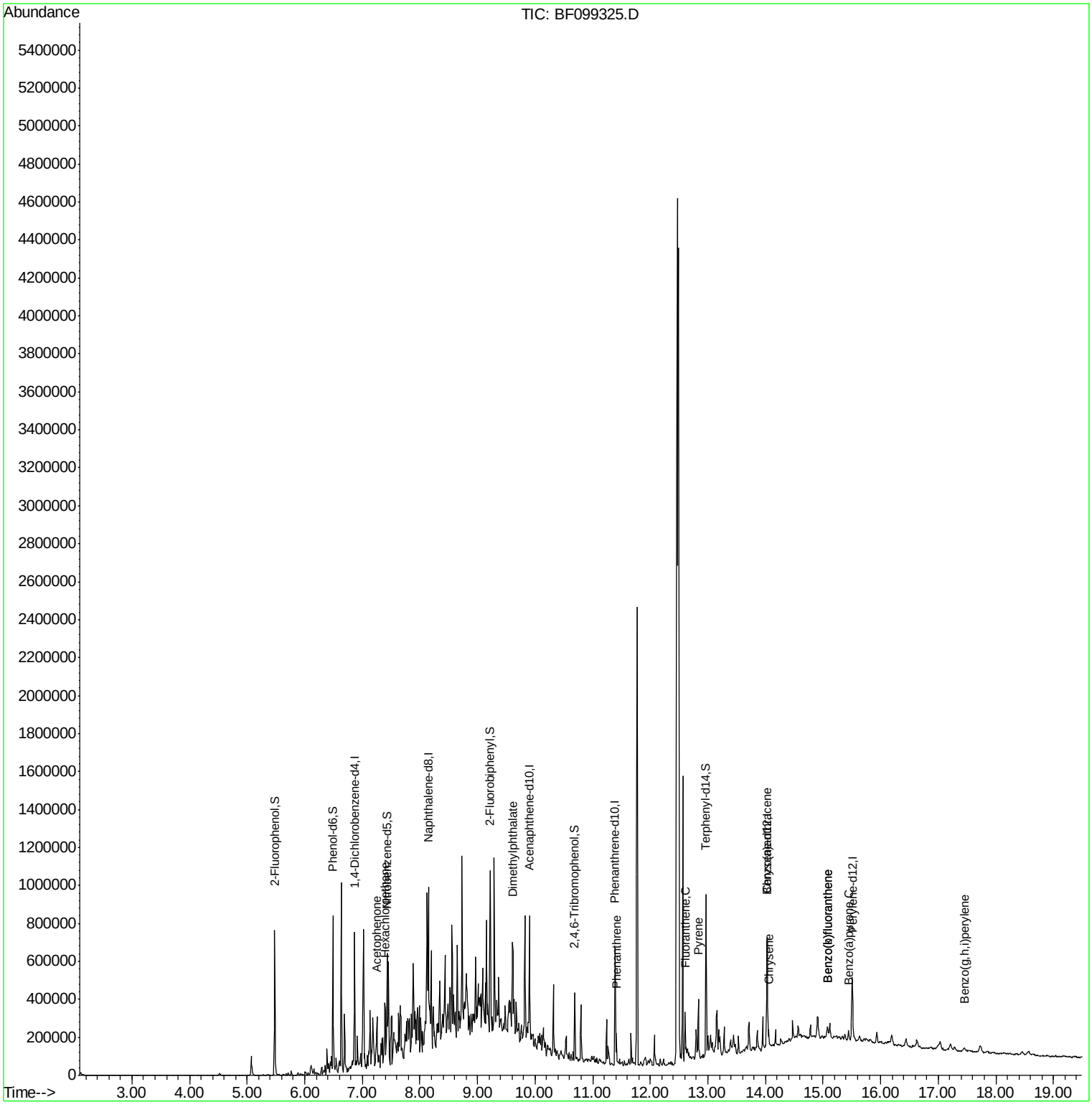
(#) = qualifier out of range (m) = manual integration (+) = signals summed

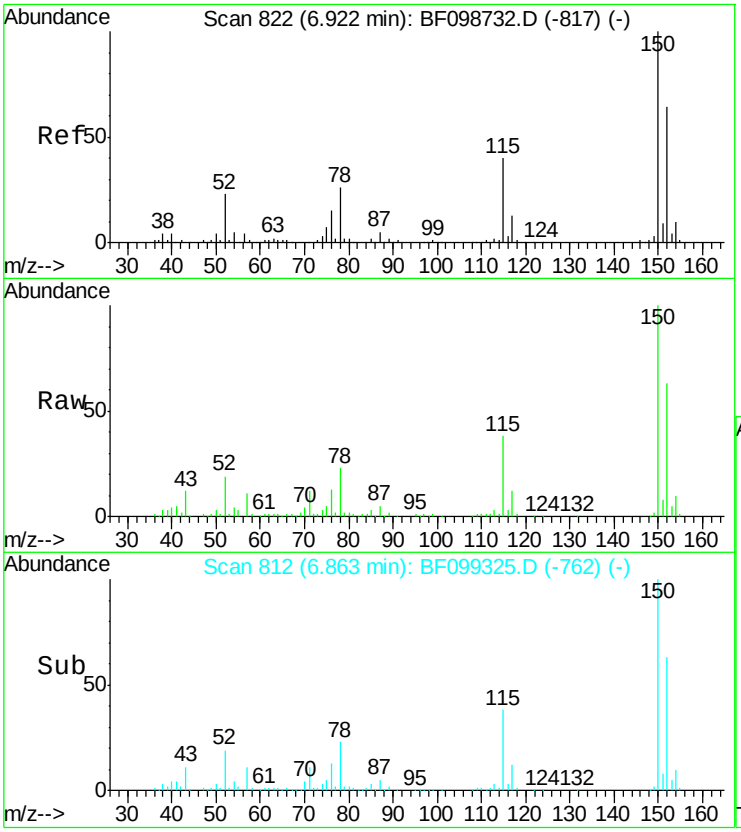
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099325.D
Acq On : 11 Oct 2017 3:01
Operator : SJ/JU
Sample : I5745-04 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 11 04:59:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



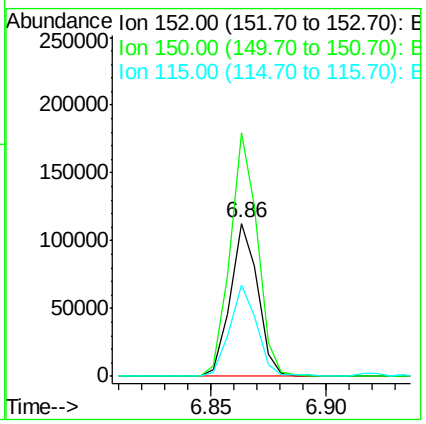


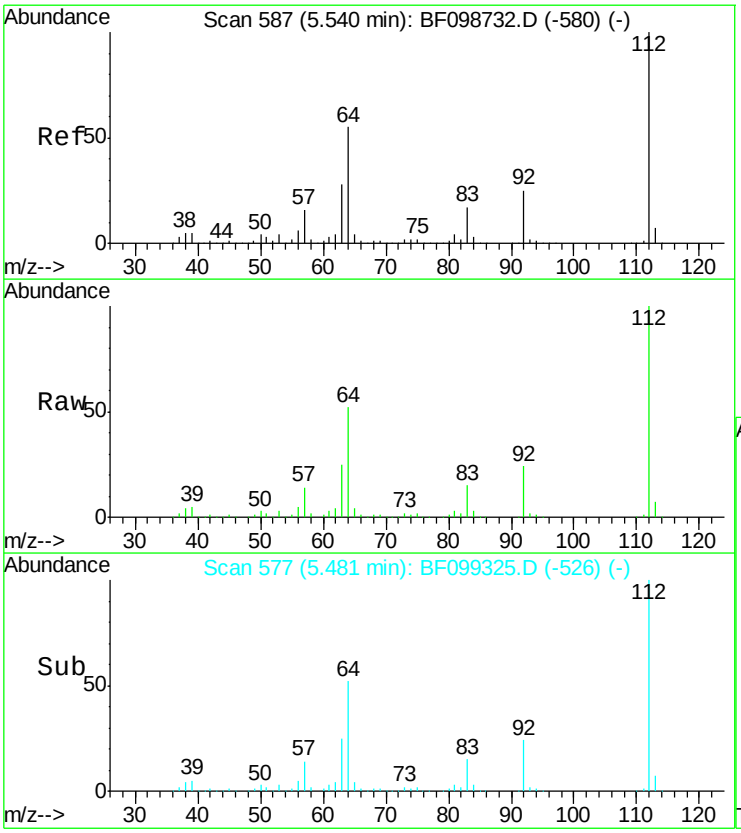
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 93300

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.9	50.1	75.1

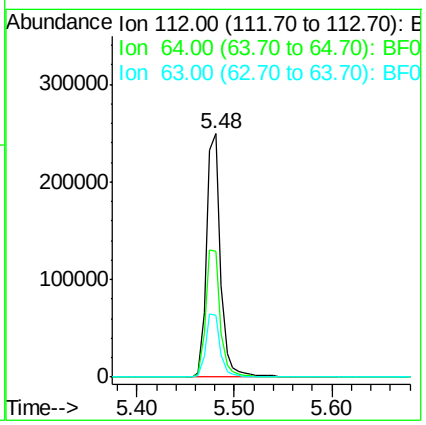


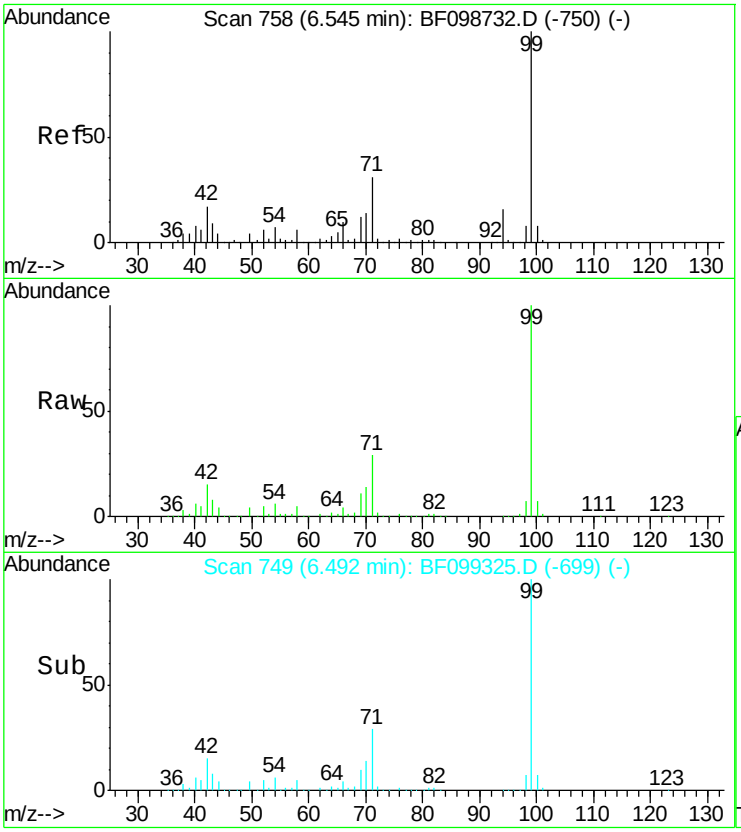


#5
2-Fluorophenol
Concen: 42.40 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:112 Resp: 248509

Ion	Ratio	Lower	Upper
112	100		
64	51.9	47.9	71.9
63	25.5	23.7	35.5



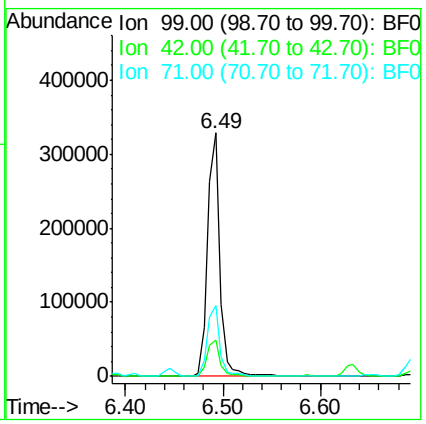


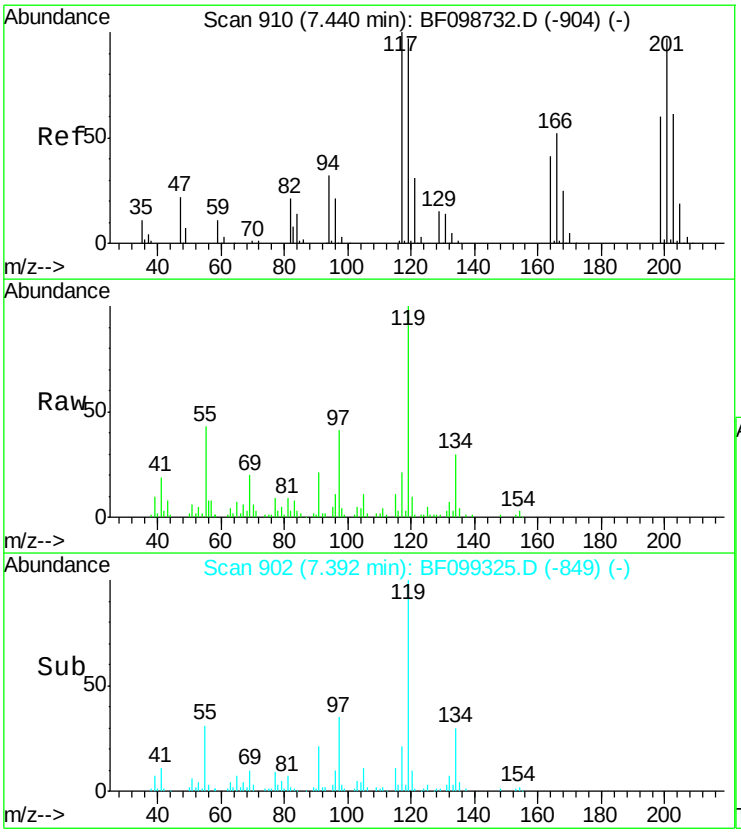
#7
Phenol-d6
Concen: 40.10 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 289892

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.5	21.7
71	28.9	25.4	38.0

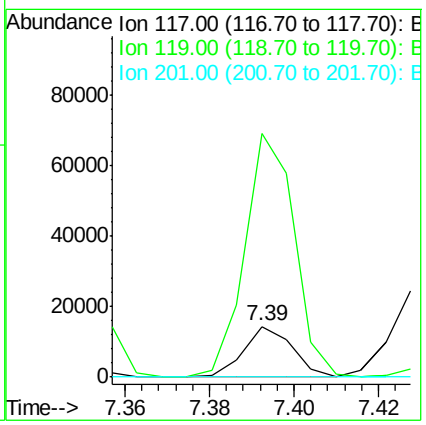


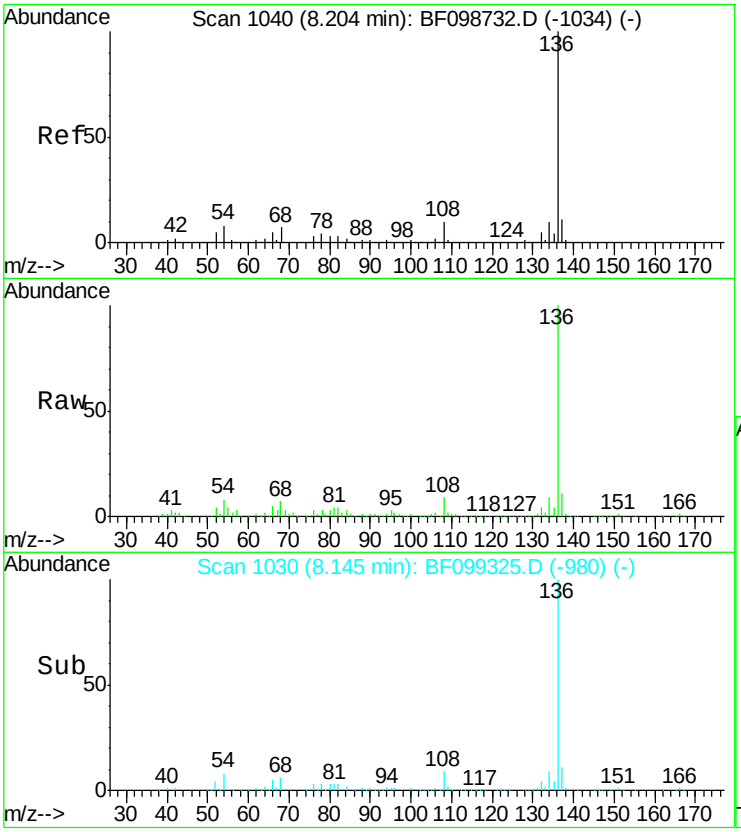


#18
Hexachloroethane
Concen: 4.54 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:117 Resp: 11535

Ion	Ratio	Lower	Upper
117	100		
119	479.0	75.8	113.8#
201	0.0	75.7	113.5#



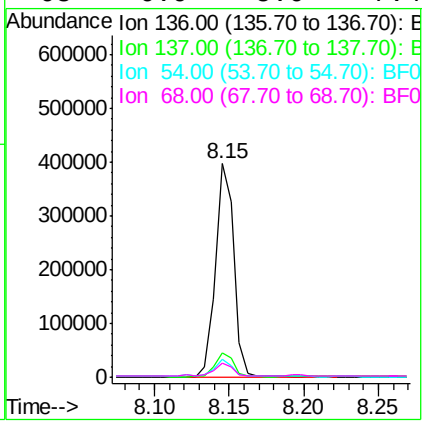


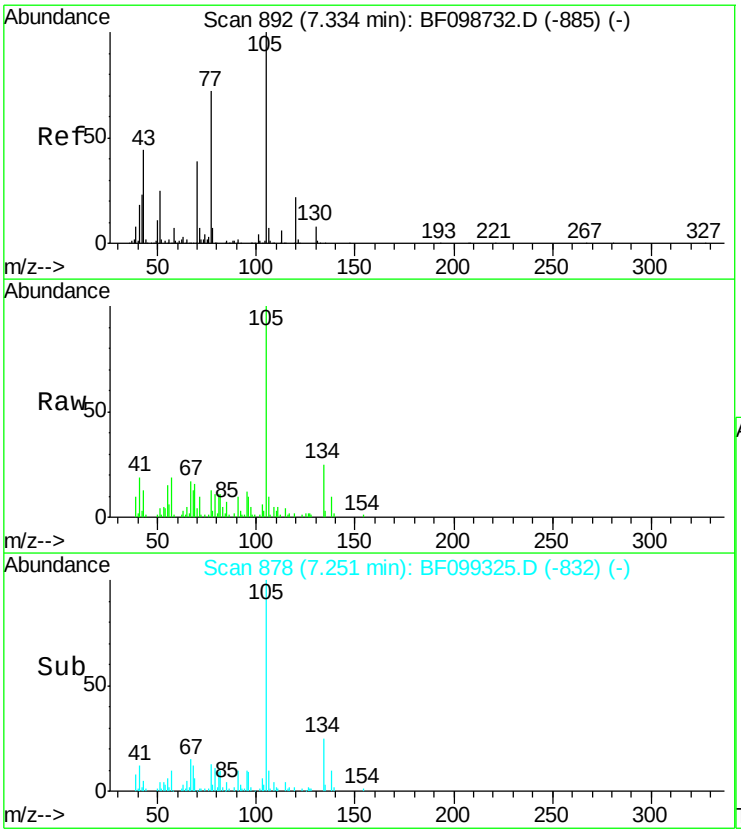
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 342853

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.3	6.6	9.8
68	6.9	5.0	7.4

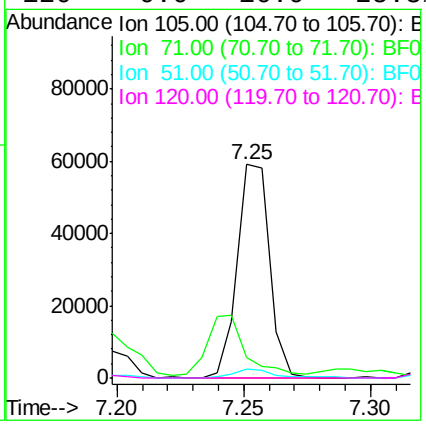


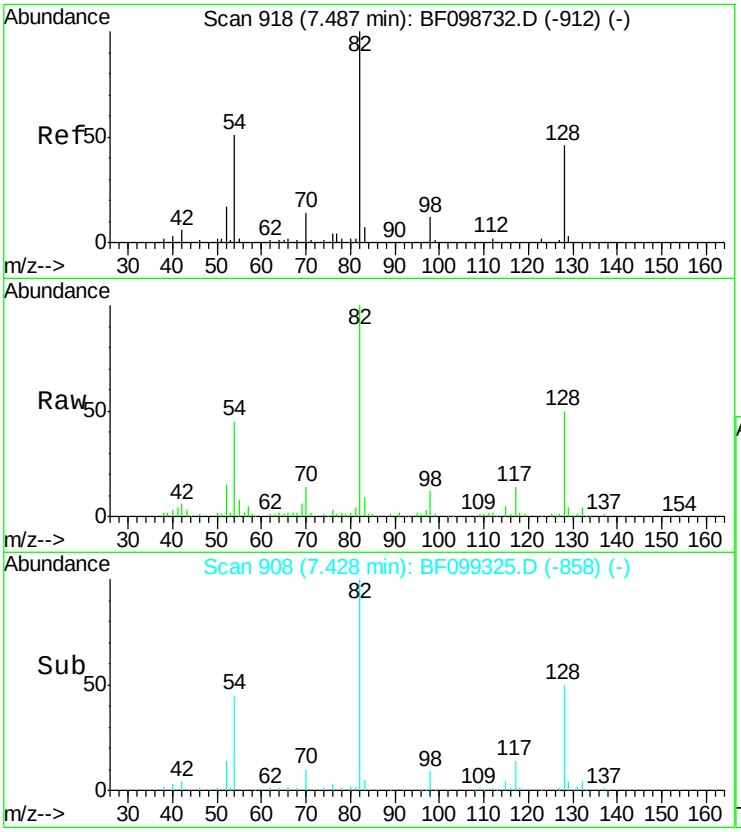


#22
Acetophenone
Concen: 6.32 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:105 Resp: 52488

Ion	Ratio	Lower	Upper
105	100		
71	9.8	4.4	6.6#
51	4.1	22.3	33.5#
120	0.0	16.9	25.3#



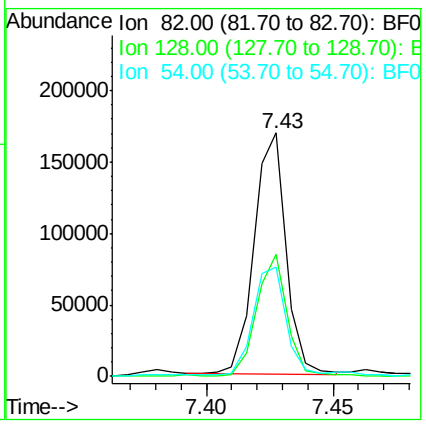


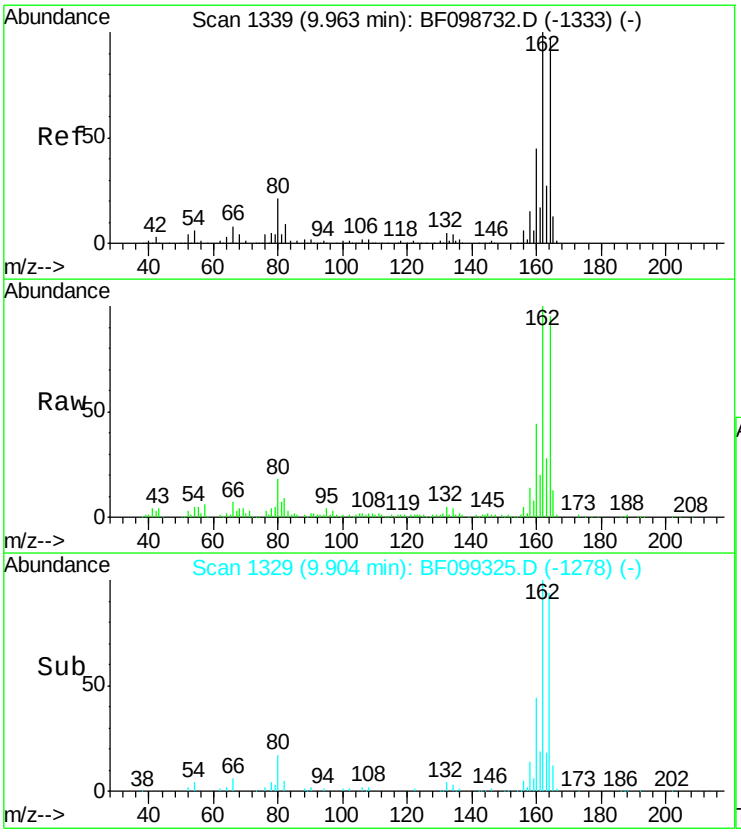
#23
Nitrobenzene-d5
Concen: 27.64 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 147781

Ion	Ratio	Lower	Upper
82	100		
128	49.9	36.1	54.1
54	45.0	41.4	62.2

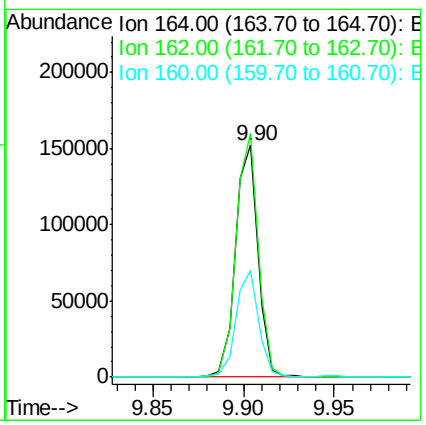


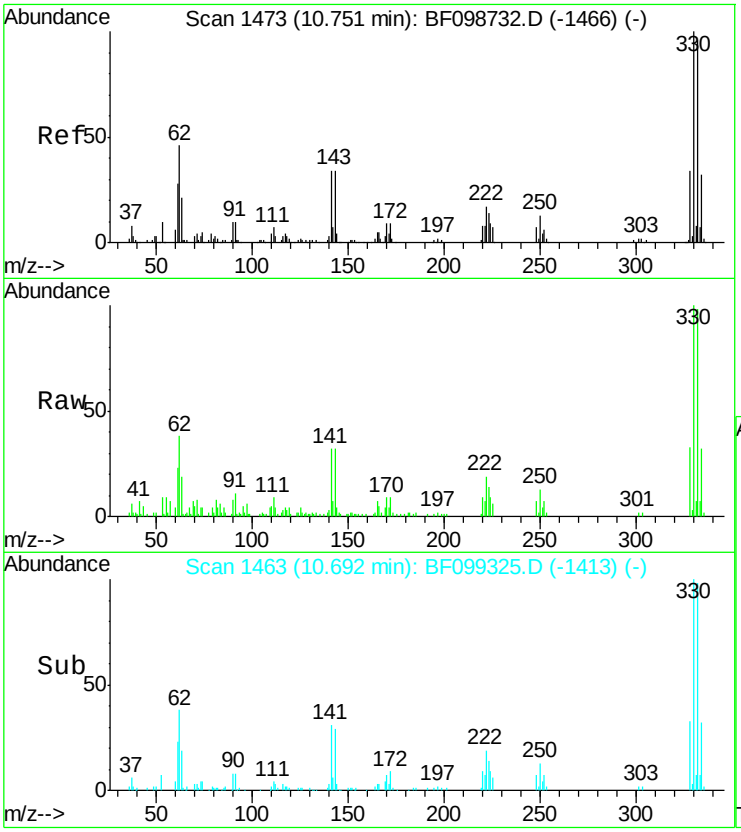


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:164 Resp: 131981

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.1	38.3	57.5



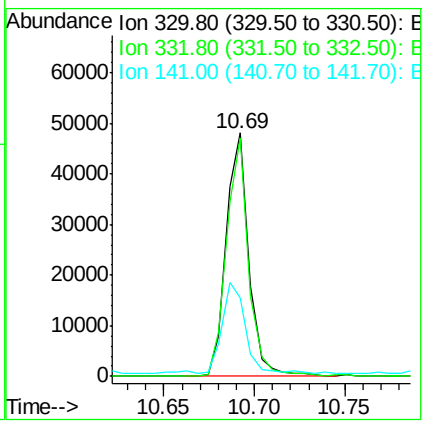


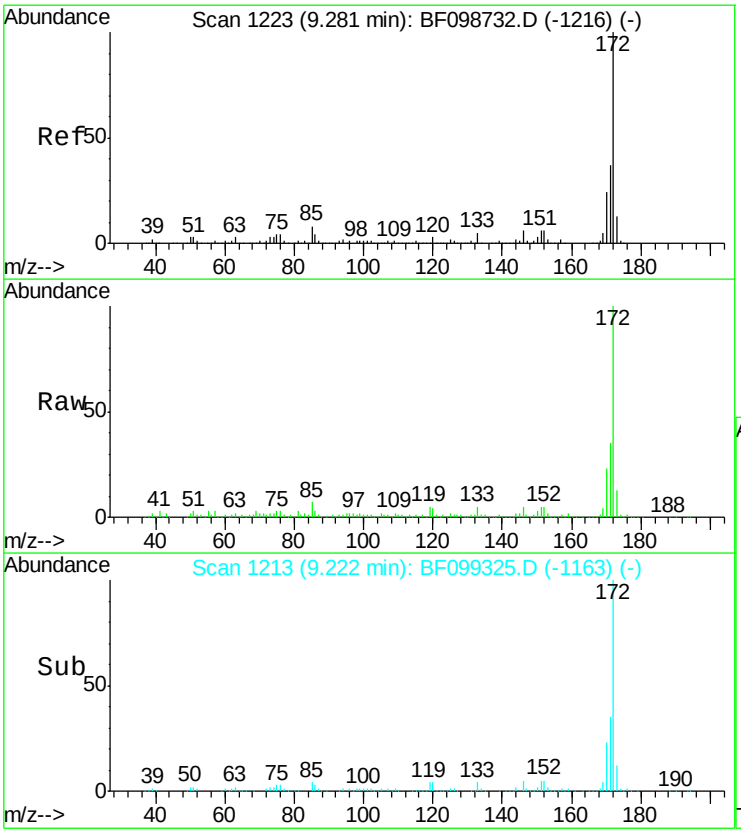
#41
2,4,6-Tribromophenol
Concen: 38.90 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 42011

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	39.5	29.9	44.9

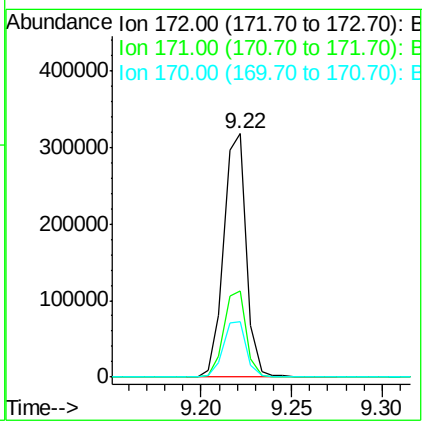


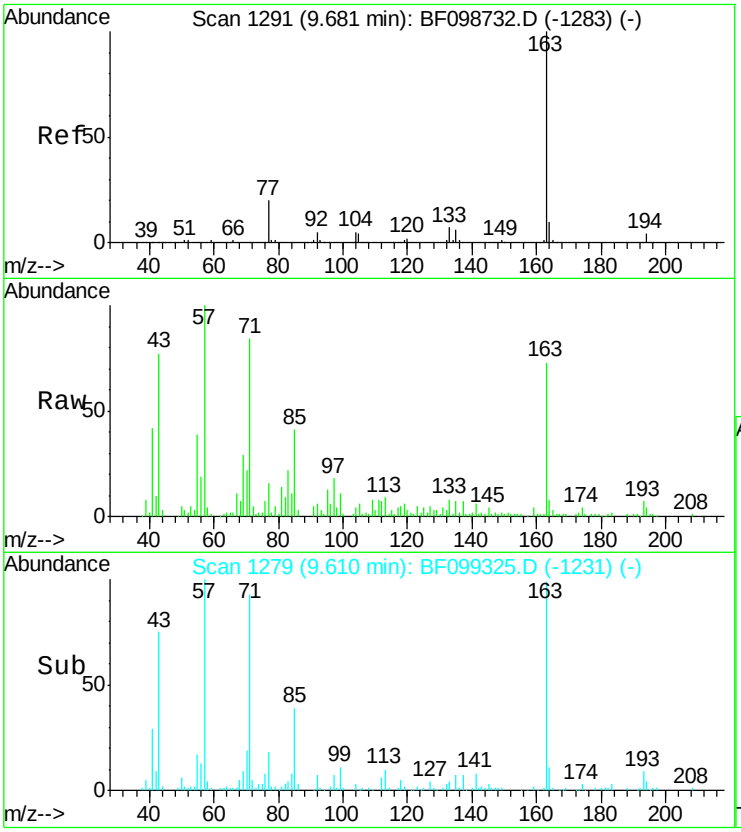


#44
2-Fluorobiphenyl
Concen: 35.11 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:172 Resp: 277600

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	22.7	19.6	29.4



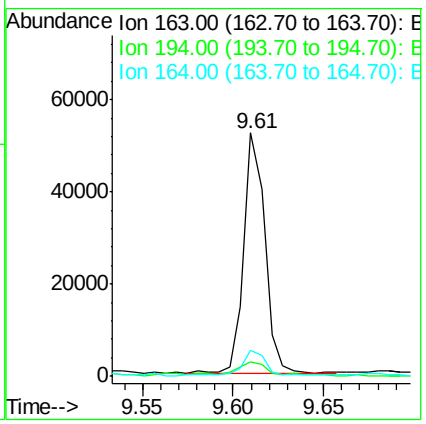


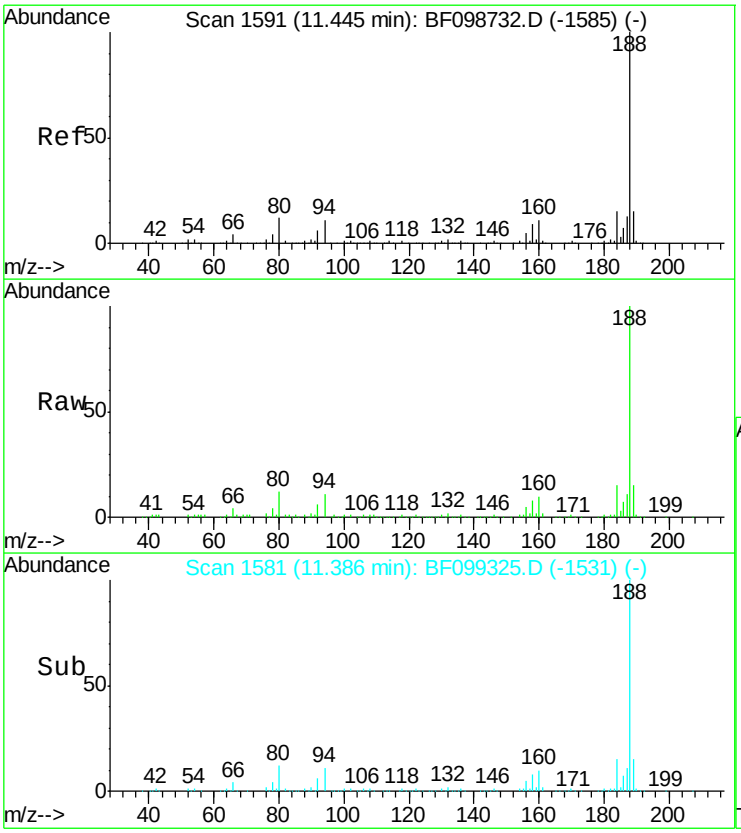
#49
Dimethylphthalate
Concen: 4.27 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 42560

Ion	Ratio	Lower	Upper
163	100		
194	6.1	2.7	4.1#
164	10.7	8.2	12.2

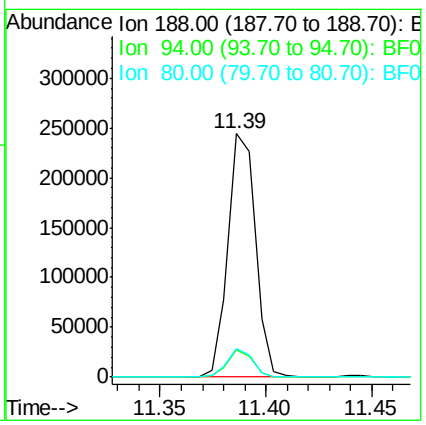


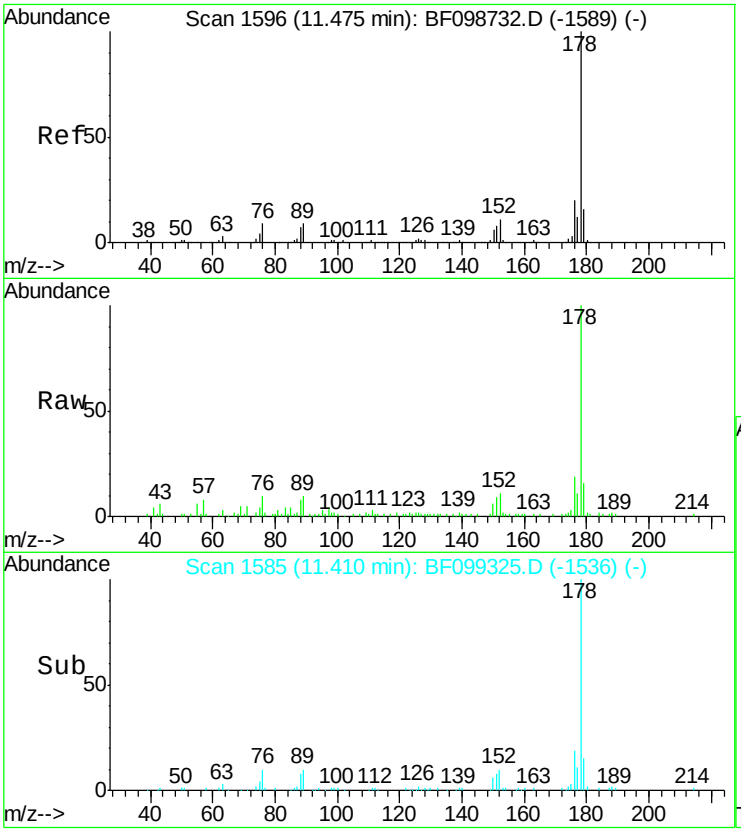


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:188 Resp: 219889

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.9	9.2	13.8



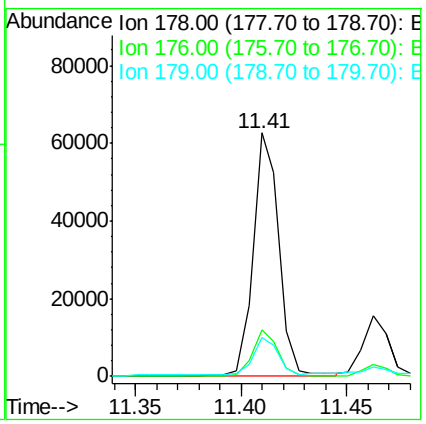


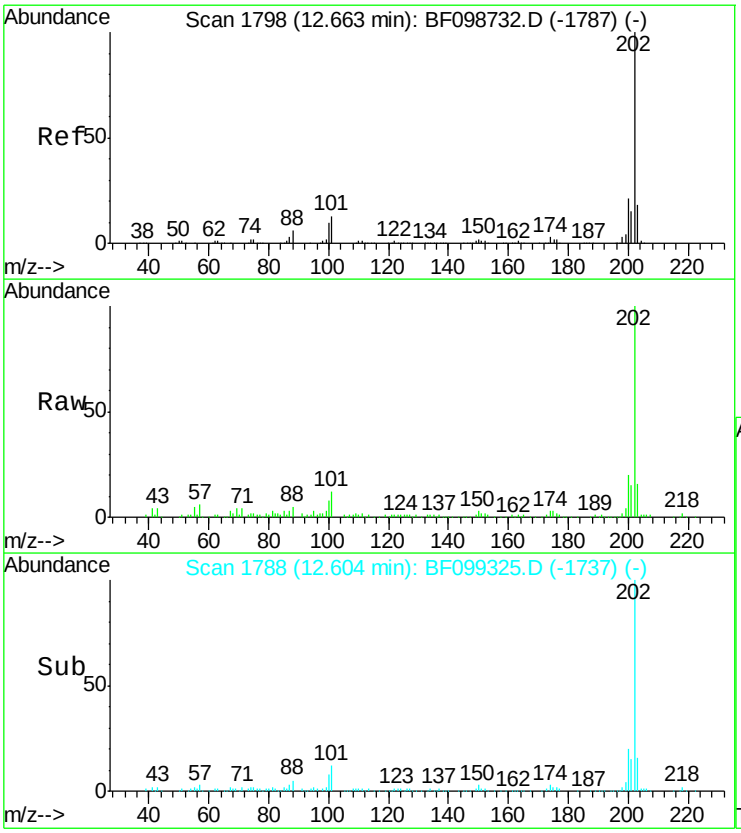
#70
Phenanthrene
Concen: 4.52 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 53247

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.7	13.0	19.6

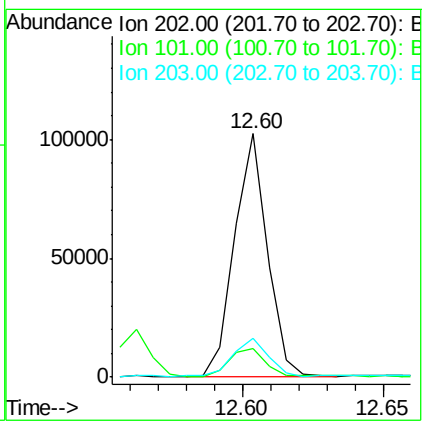


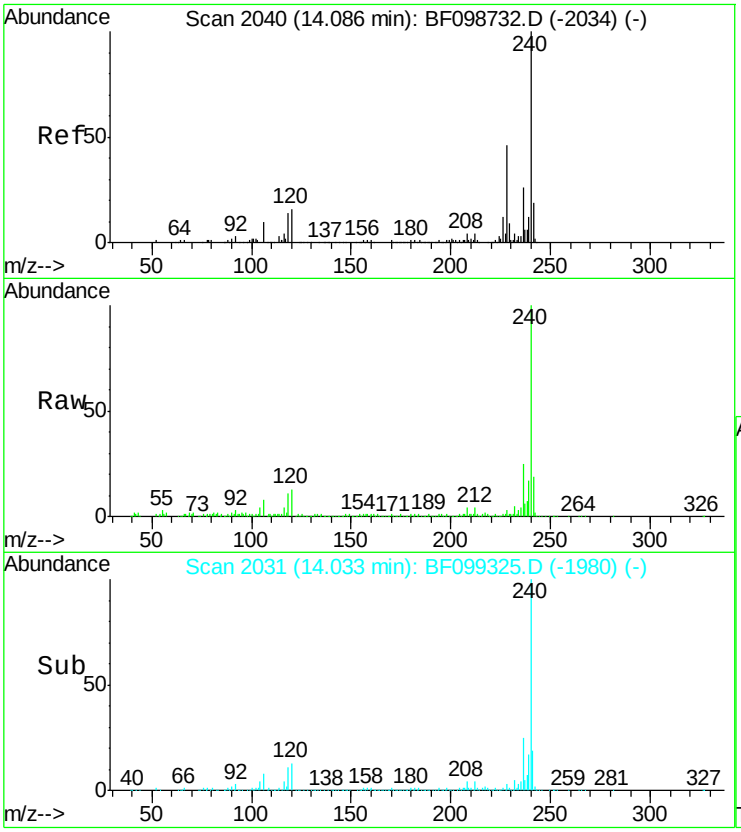


#74
Fluoranthene
Concen: 7.00 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:202 Resp: 83468

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	16.2	0.0	38.1



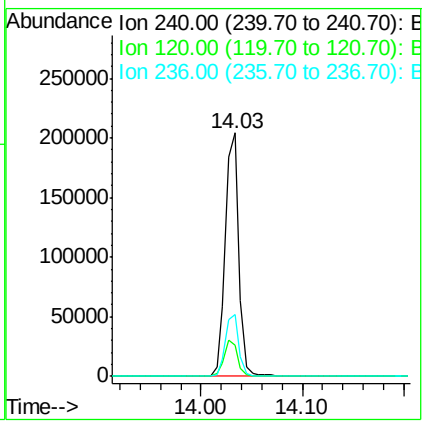


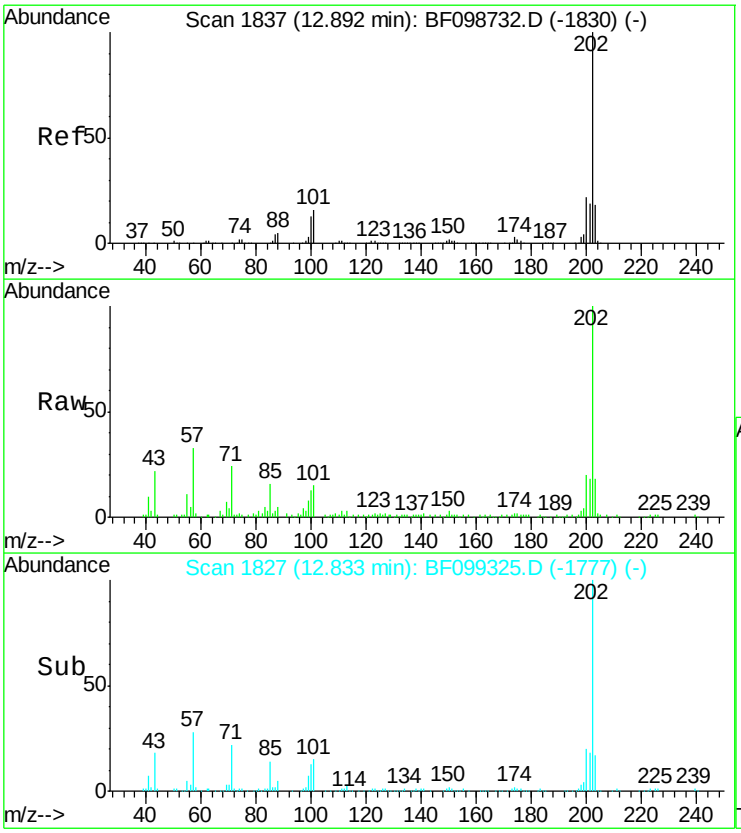
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 189839

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.2	20.7	31.1

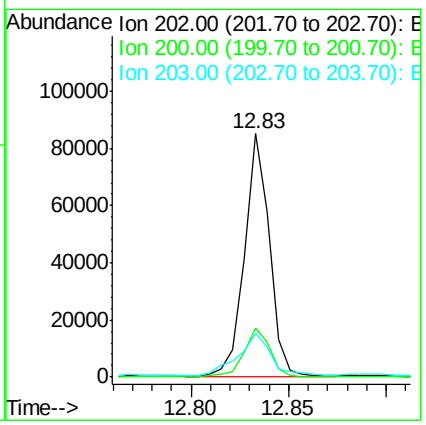


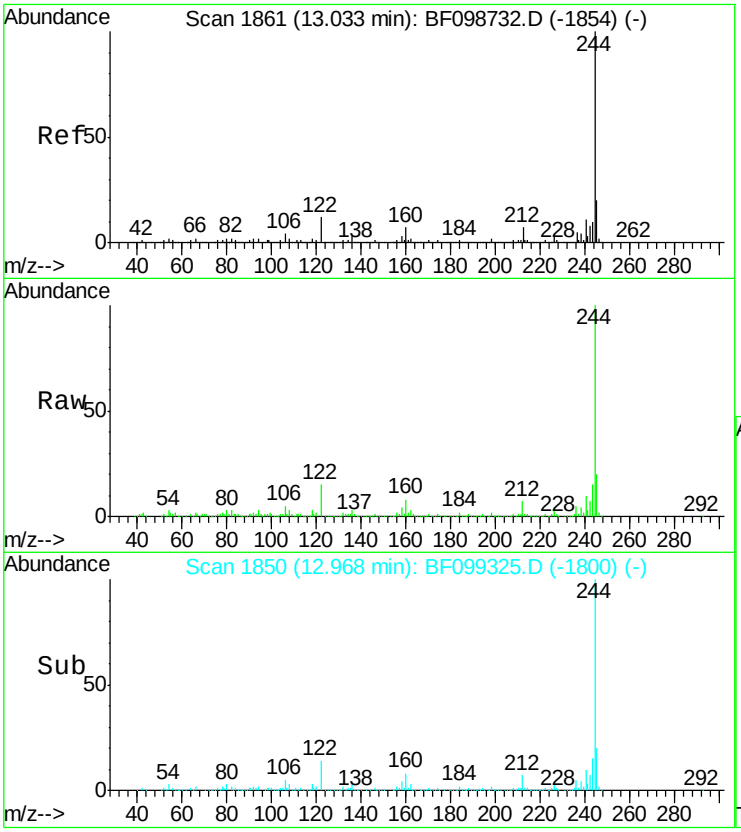


#77
Pyrene
Concen: 5.27 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:202 Resp: 76336

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	17.9	14.3	21.5



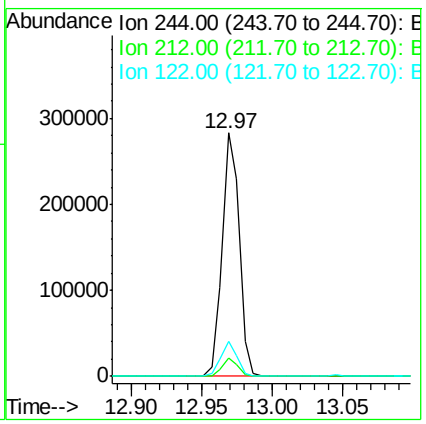


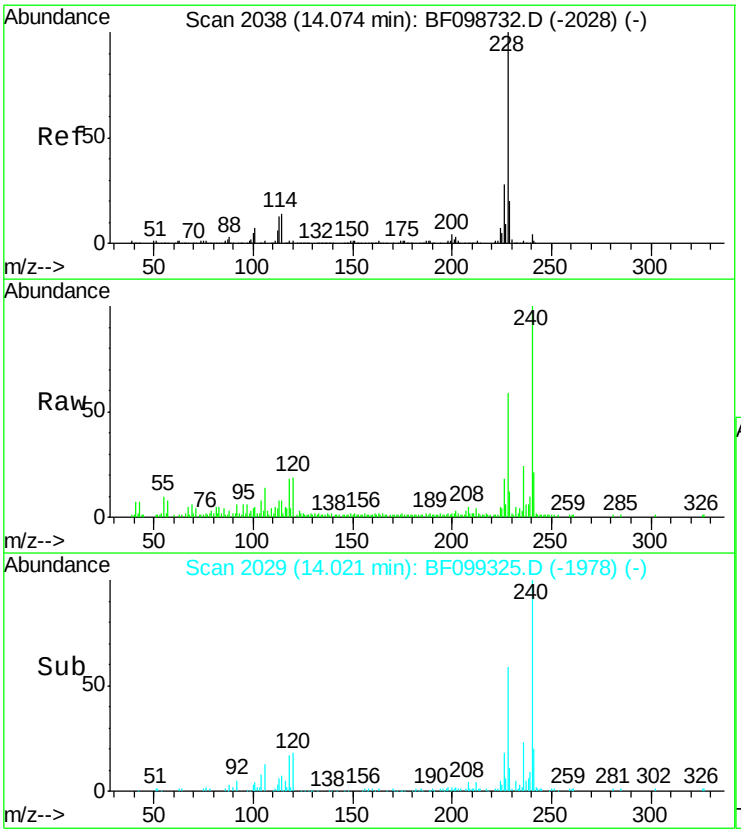
#78
Terphenyl-d14
Concen: 28.61 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 238836

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.5	11.0	16.4

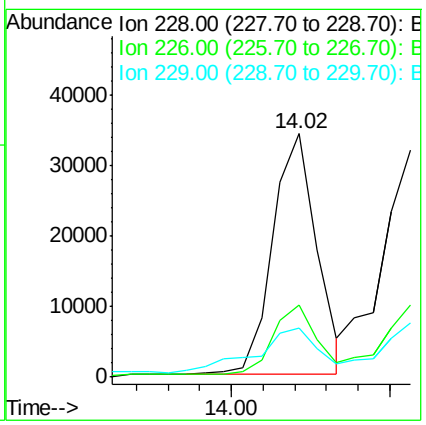


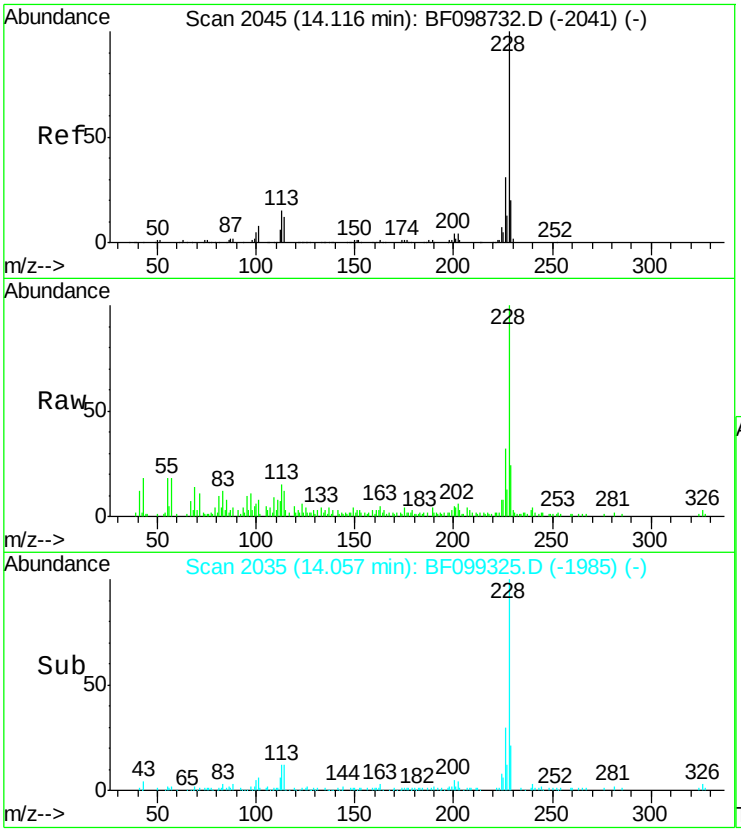


#80
Benzo(a)anthracene
Concen: 2.88 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:228 Resp: 33156

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	20.3	15.8	23.6



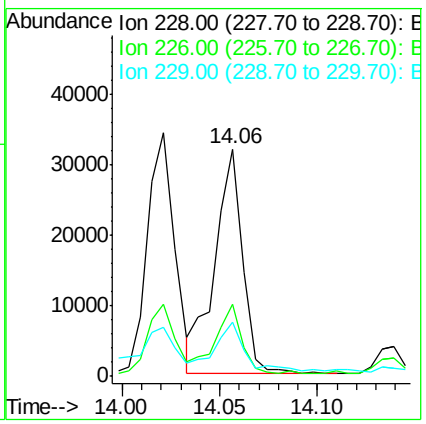


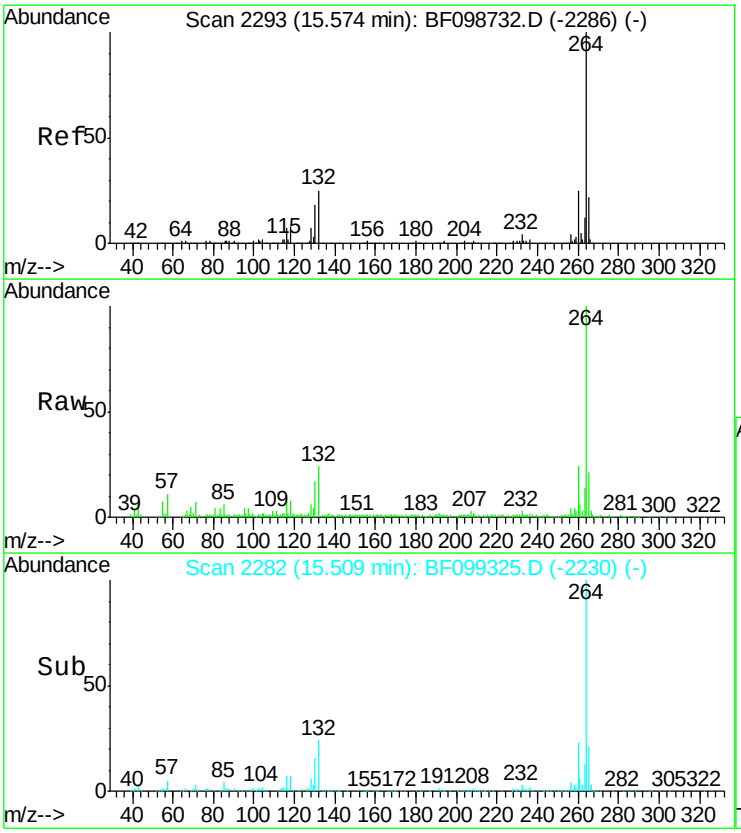
#82
Chrysene
Concen: 2.92 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 31971

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	23.7	16.2	24.4

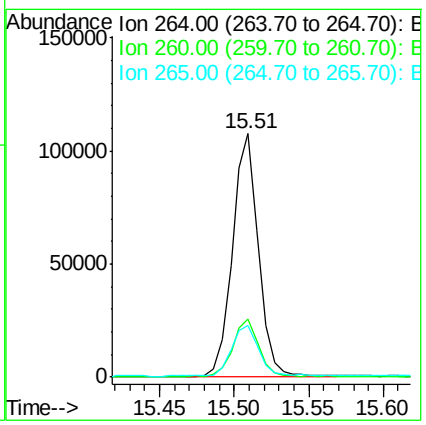


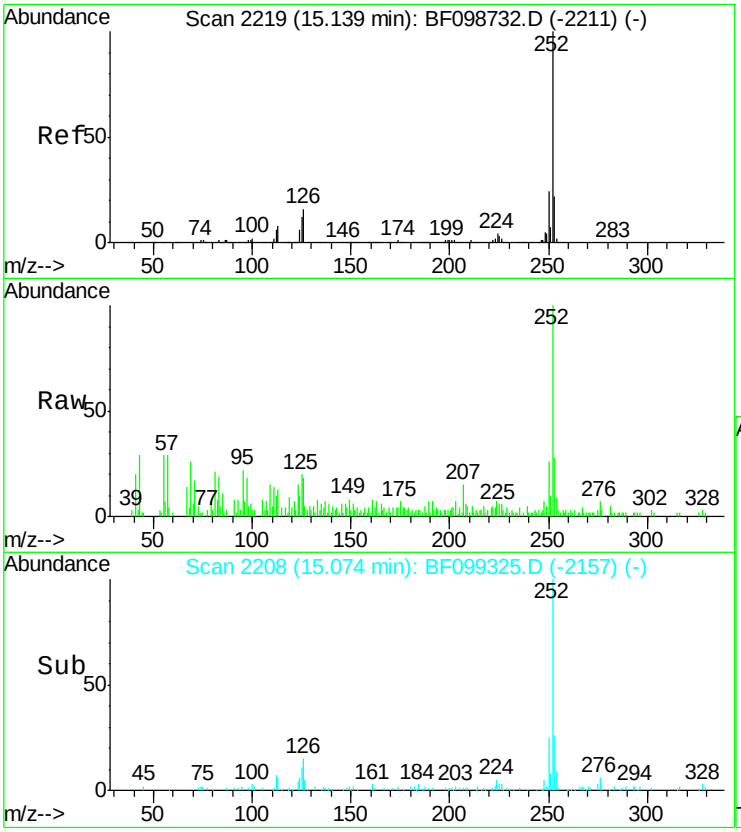


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:264 Resp: 131688

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3



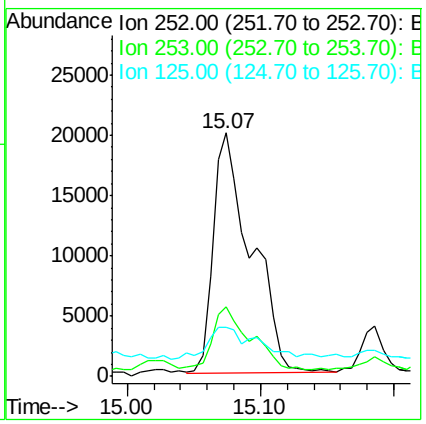


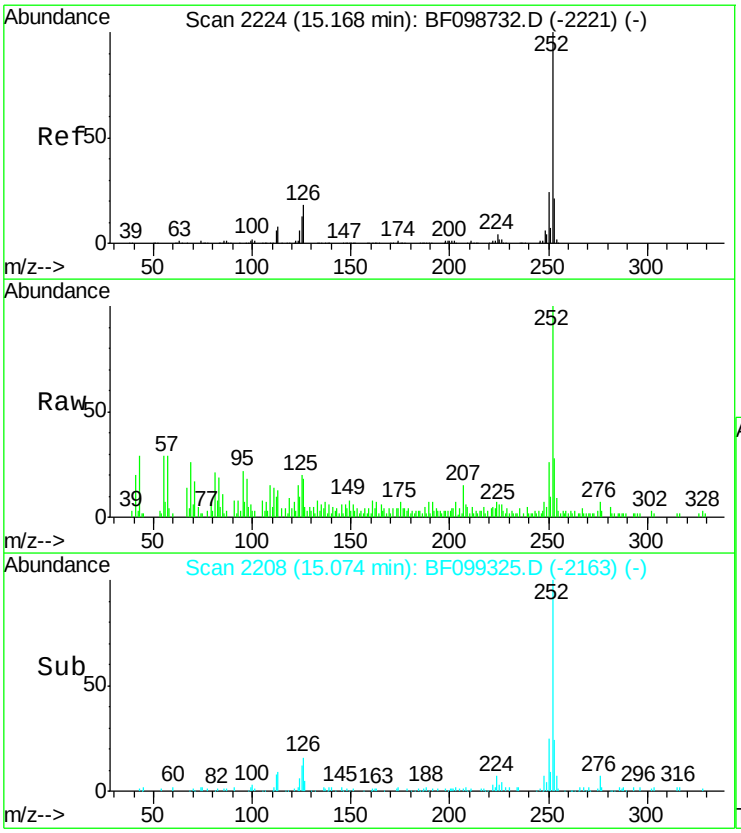
#87
Benzo(b)fluoranthene
Concen: 4.89 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 39596

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.0	25.6#
125	20.2	9.0	13.6#

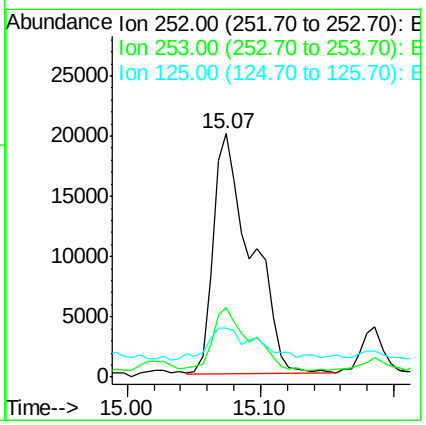


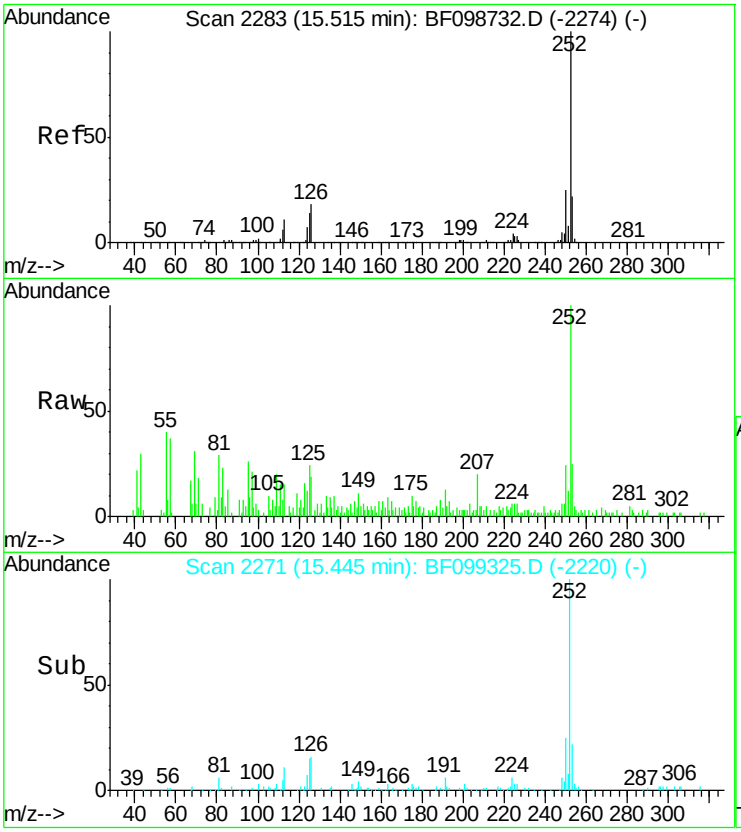


#88
Benzo(k)fluoranthene
Concen: 4.95 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:252 Resp: 39596

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.9	26.9#
125	20.2	10.2	15.2#



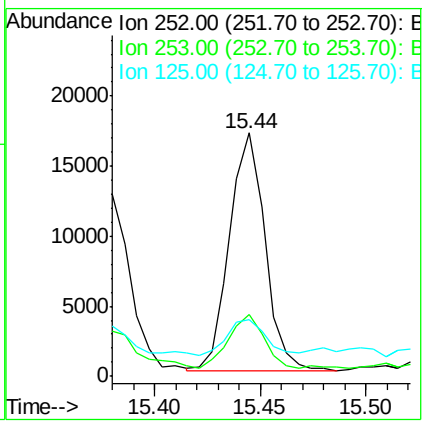


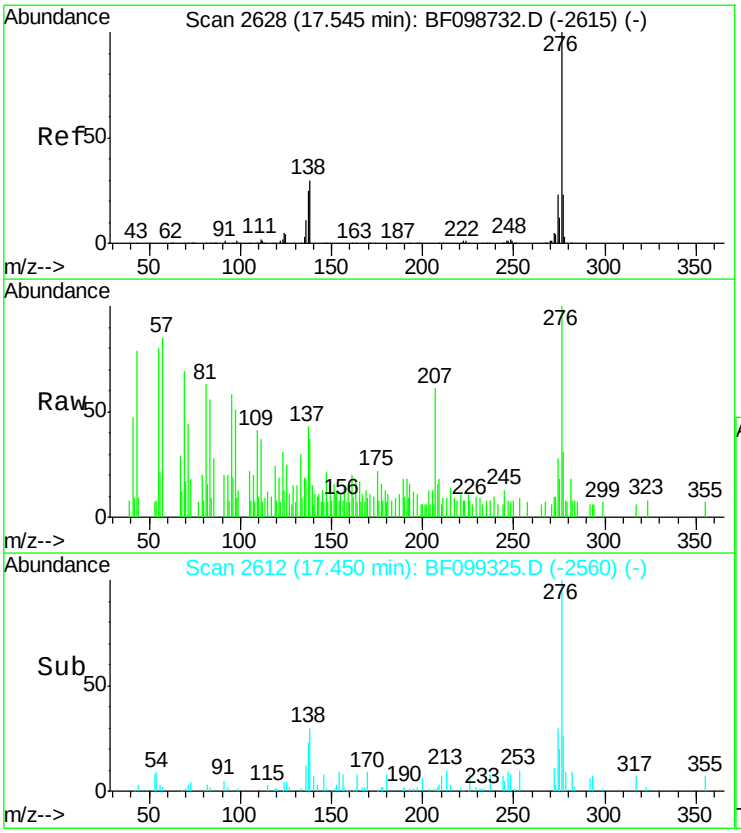
#89
Benzo(a)pyrene
Concen: 2.68 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 19938

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	23.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.05 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF099325.D
Acq: 11 Oct 2017 3:01

Tgt Ion:276 Resp: 12048

Ion	Ratio	Lower	Upper
276	100		
277	30.8	17.9	26.9#
138	37.1	21.8	32.8#