Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095567.D
Acq On : 31 May 2017 16:55
Operator : SJ/MA
Sample : I3329-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 01 01:31:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	427485	20.00	ng		0.05
21) Naphthalene-d8	9.58	136	457275	20.00	ng		-0.18
38) Acenaphthene-d10	12.41	164	196069	20.00	ng		-0.19
63) Phenanthrene-d10	14.81	188	381183	20.00	ng		-0.19
75) Chrysene-d12	18.51	240	264293	20.00	ng		-0.17
86) Perylene-d12	20.18	264	209959	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	920642	35.91	ng		-0.24
7) Phenol-d6	7.11	99	1185984	38.55	ng		-0.19
23) Nitrobenzene-d5	8.47	82	713040	98.33	ng		-0.19
41) 2,4,6-Tribromophenol	13.71	330	266385	165.90	ng		-0.19
44) 2-Fluorobiphenyl	11.36	172	1341624	98.49	ng		-0.18
78) Terphenyl-d14	17.16	244	1090977	90.92	ng		-0.16
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.47	70	91689	4.41	ng	#	75
49) Dimethylphthalate	12.05	163	293934	18.26	ng		99
70) Phenanthrene	14.85	178	101634	4.64	ng		95
71) Anthracene	14.85	178	101634	4.54	ng		96
74) Fluoranthene	16.61	202	144686	6.44	ng		100
77) Pyrene	16.91	202	132722	6.71	ng	#	95
80) Benzo(a)anthracene	18.49	228	46203	3.00	ng		96
82) Chrysene	18.54	228	45817	3.08	ng		98
87) Benzo(b)fluoranthene	19.78	252	44406	3.42	ng	#	95
88) Benzo(k)fluoranthene	19.78	252	44406	3.55	ng		99
89) Benzo(a)pyrene	20.13	252	32967	2.75	ng		94

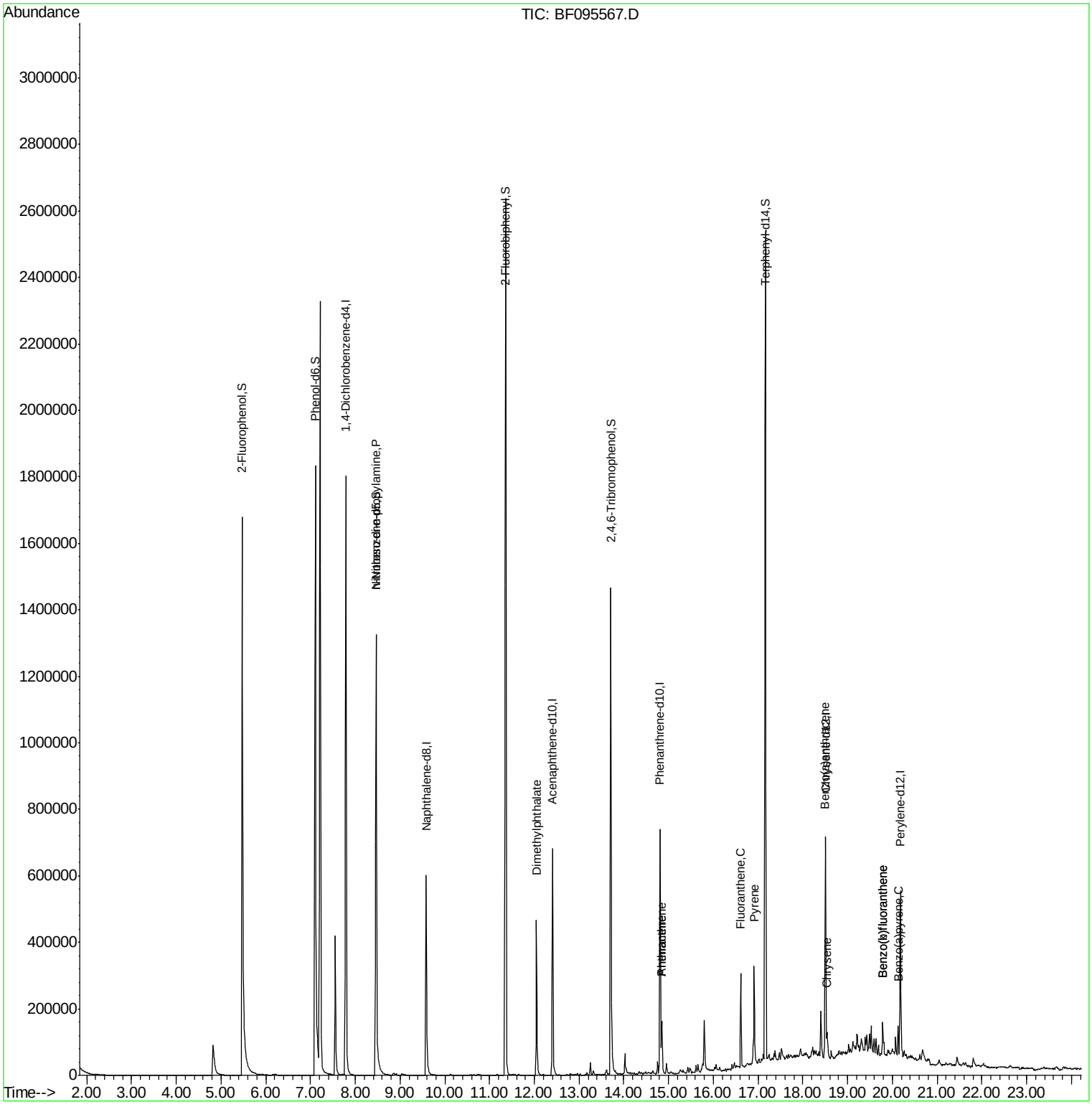
(#) = qualifier out of range (m) = manual integration (+) = signals summed

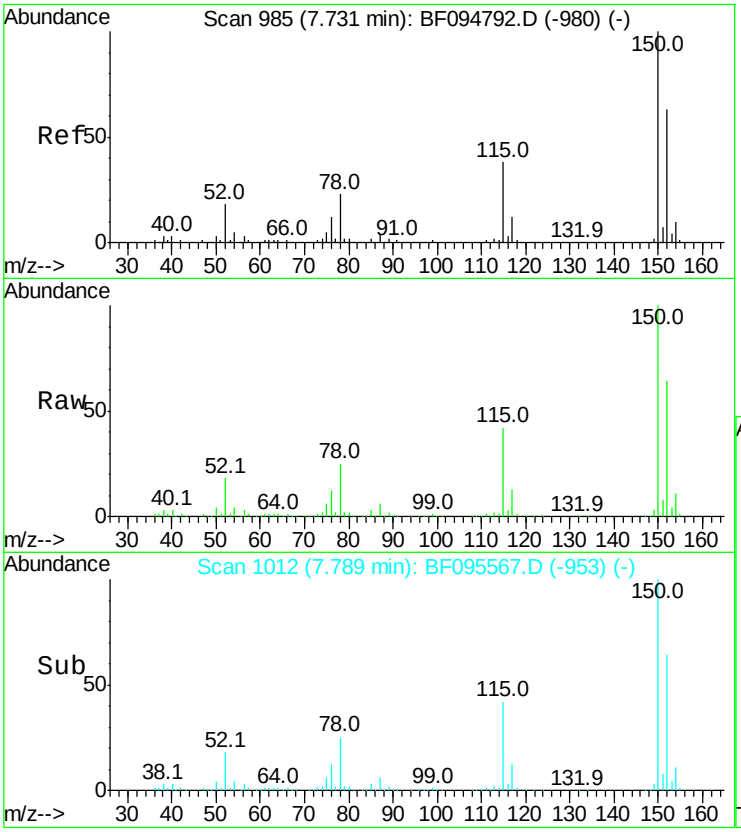
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053117\
Data File : BF095567.D
Acq On : 31 May 2017 16:55
Operator : SJ/MA
Sample : I3329-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 01 01:31:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration



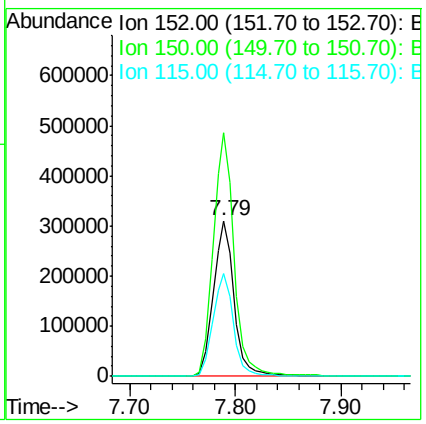


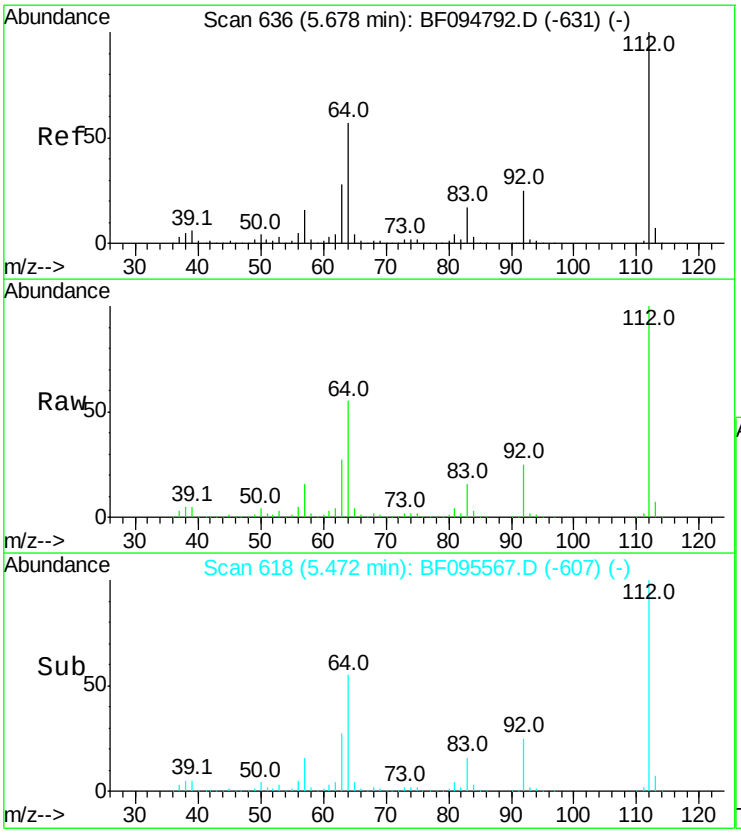
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 1012
Delta R.T. 0.05 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 427485

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	66.2	52.2	78.2

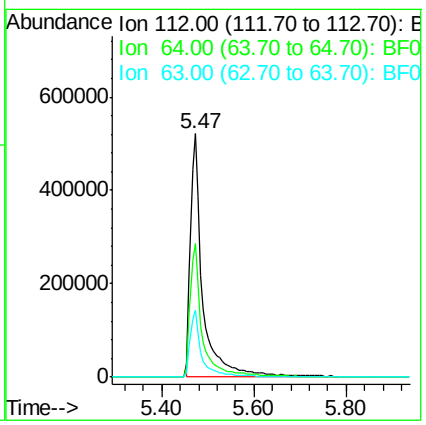


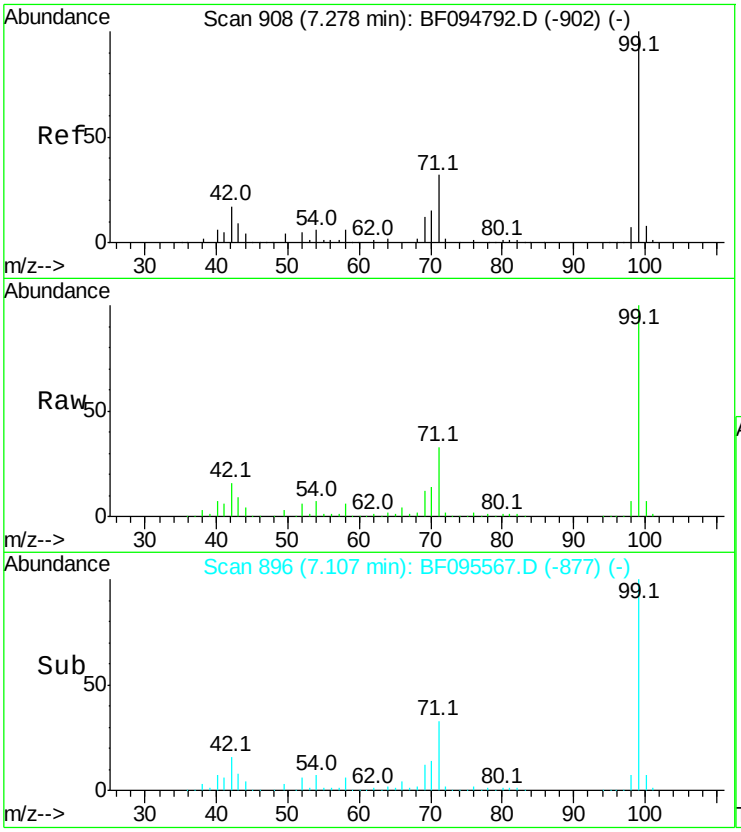


#5
2-Fluorophenol
Concen: 35.91 ng
RT: 5.47 min Scan# 618
Delta R.T. -0.24 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:112 Resp: 920642

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.4	23.4	35.0



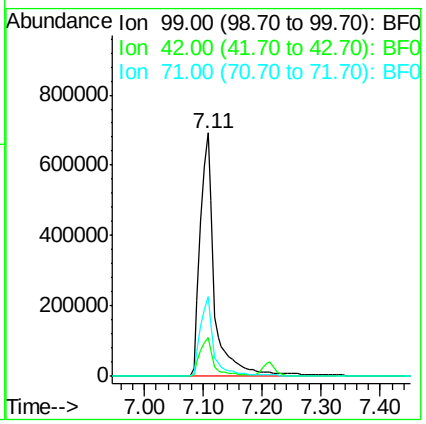


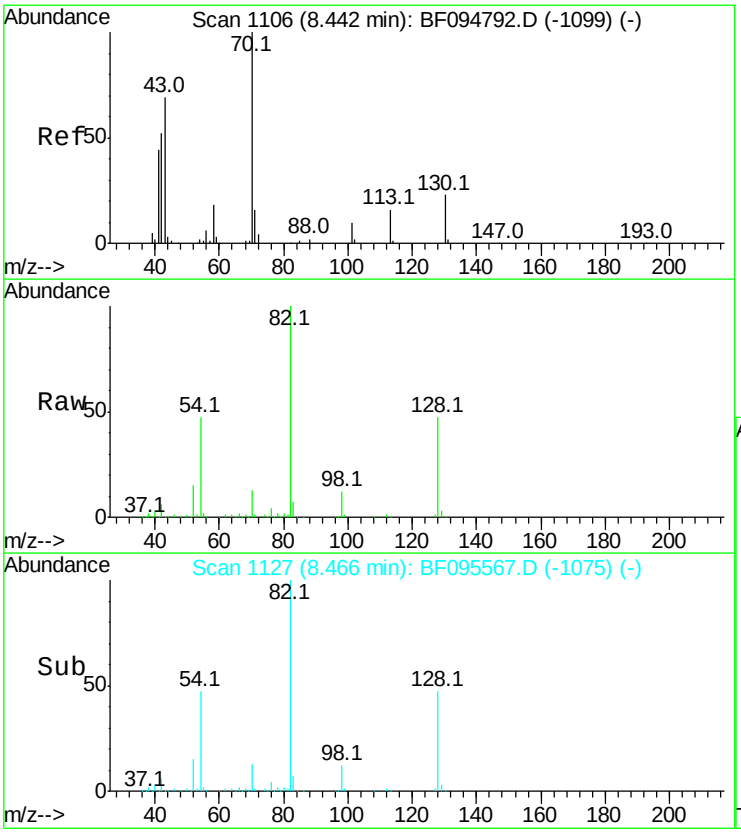
#7
Phenol-d6
Concen: 38.55 ng
RT: 7.11 min Scan# 896
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1185984

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.6	24.5	36.7

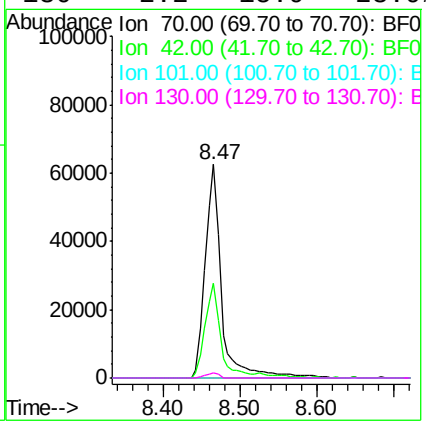


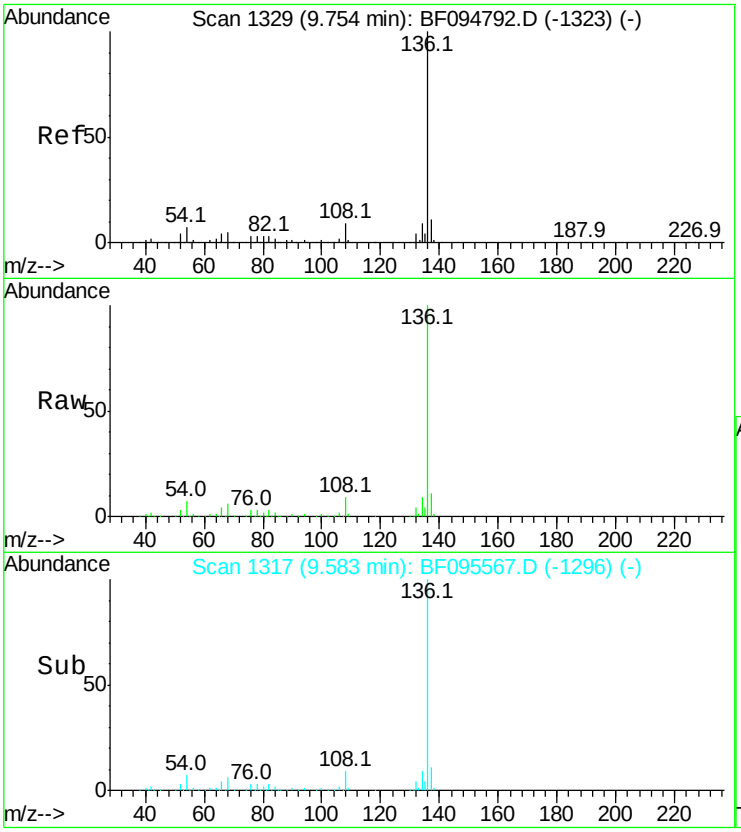


#19
n-Nitroso-di-n-propylamine
Concen: 4.41 ng
RT: 8.47 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion: 70 Resp: 91689

Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



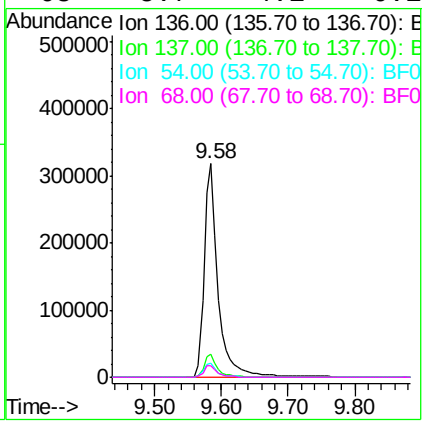


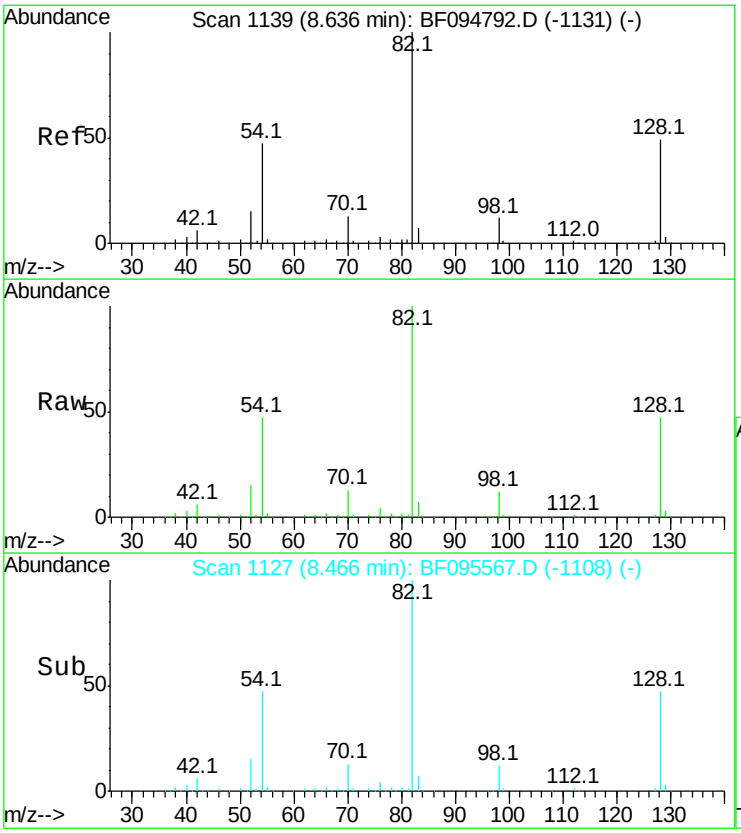
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.58 min Scan# 1317
Delta R.T. -0.18 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 457275

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	6.5	4.9	7.3
68	5.7	4.1	6.1

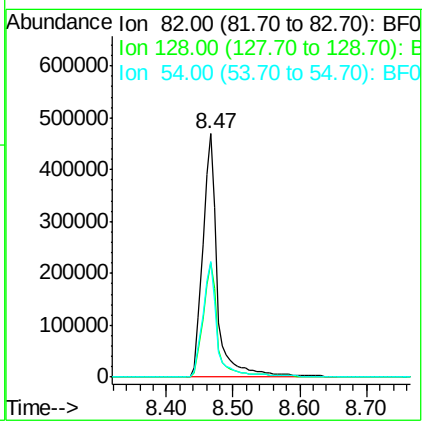


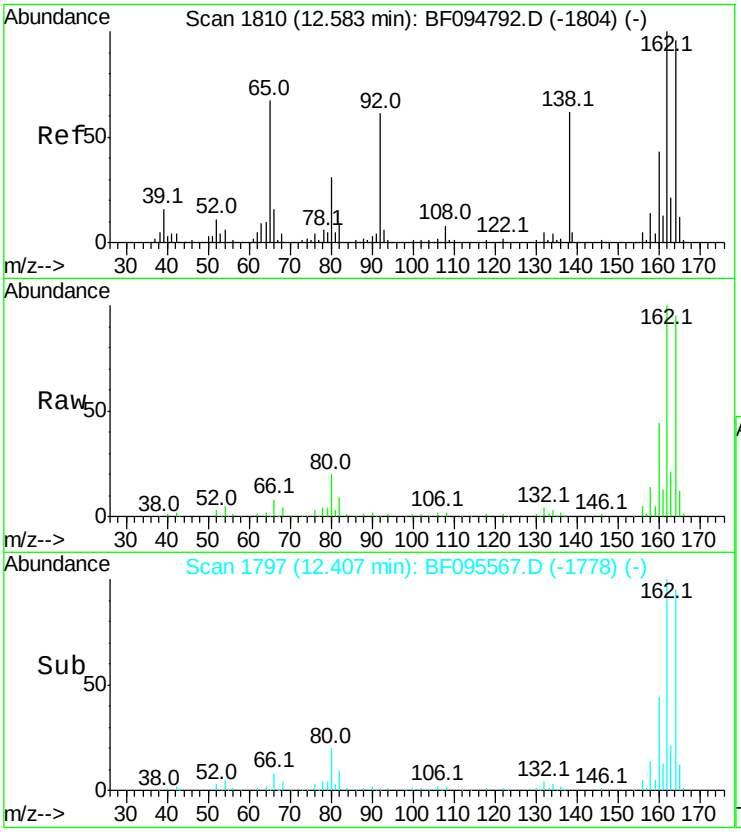


#23
Nitrobenzene-d5
Concen: 98.33 ng
RT: 8.47 min Scan# 1127
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion: 82 Resp: 713040

Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.0	51.0
54	47.4	42.2	63.2



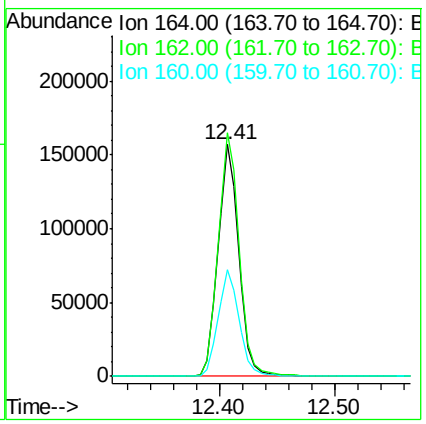


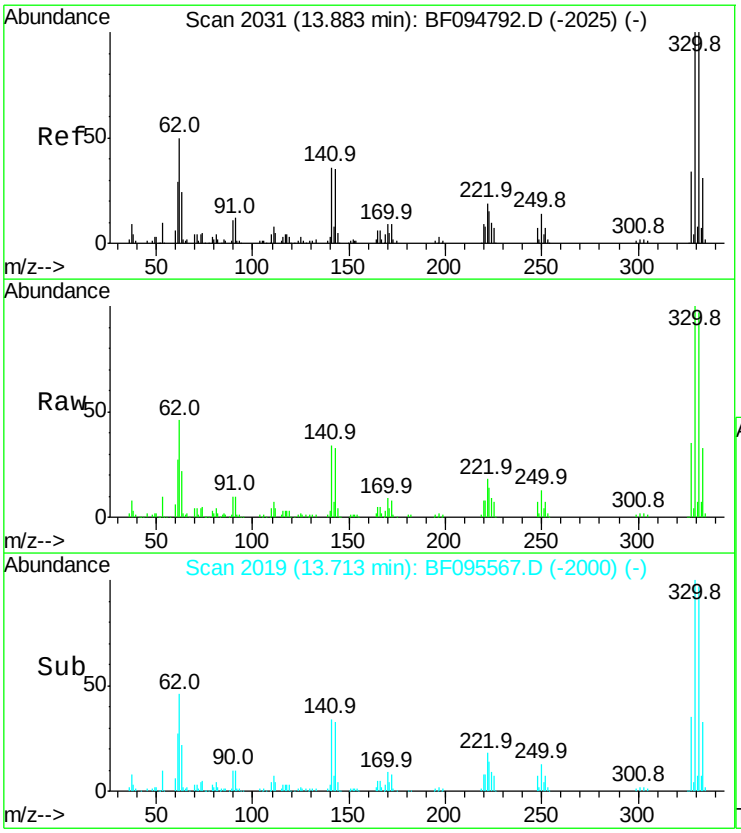
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.41 min Scan# 1797
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 196069

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.9	36.2	54.2

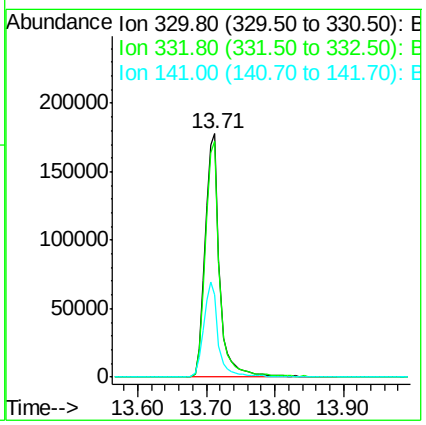


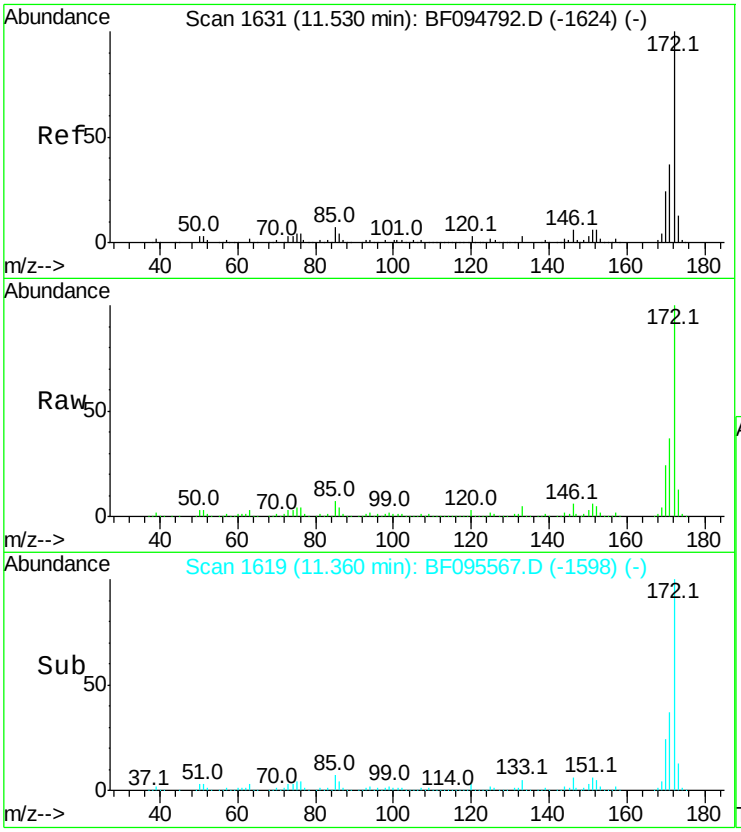


#41
2,4,6-Tribromophenol
Concen: 165.90 ng
RT: 13.71 min Scan# 2019
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:330 Resp: 266385

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.9	31.4	47.2



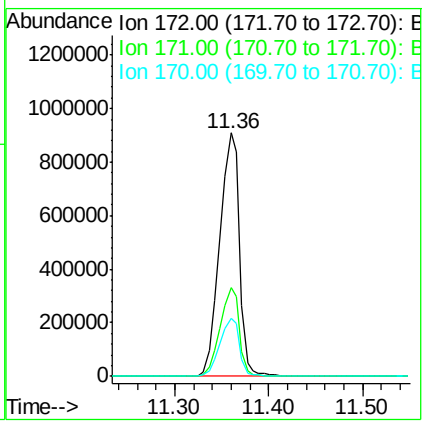


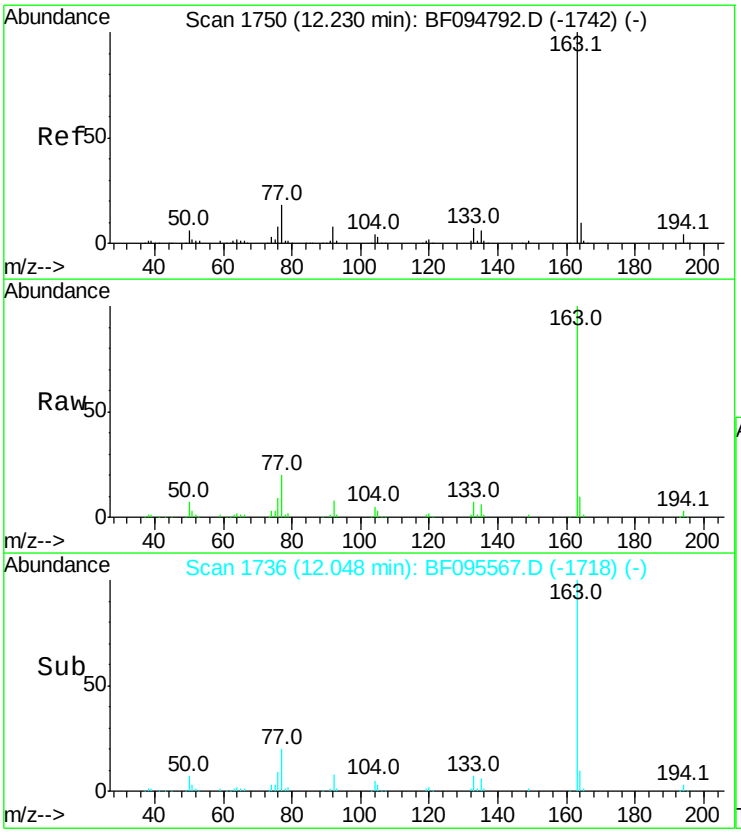
#44
2-Fluorobiphenyl
Concen: 98.49 ng
RT: 11.36 min Scan# 1619
Delta R.T. -0.18 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1341624

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.9	19.8	29.8

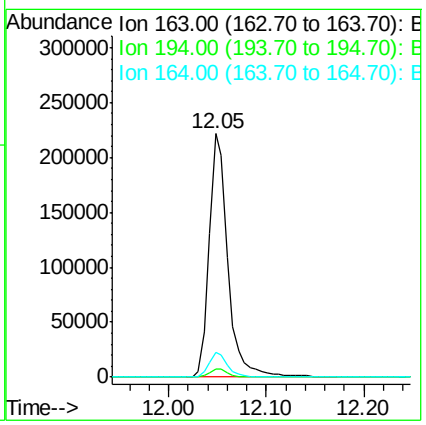


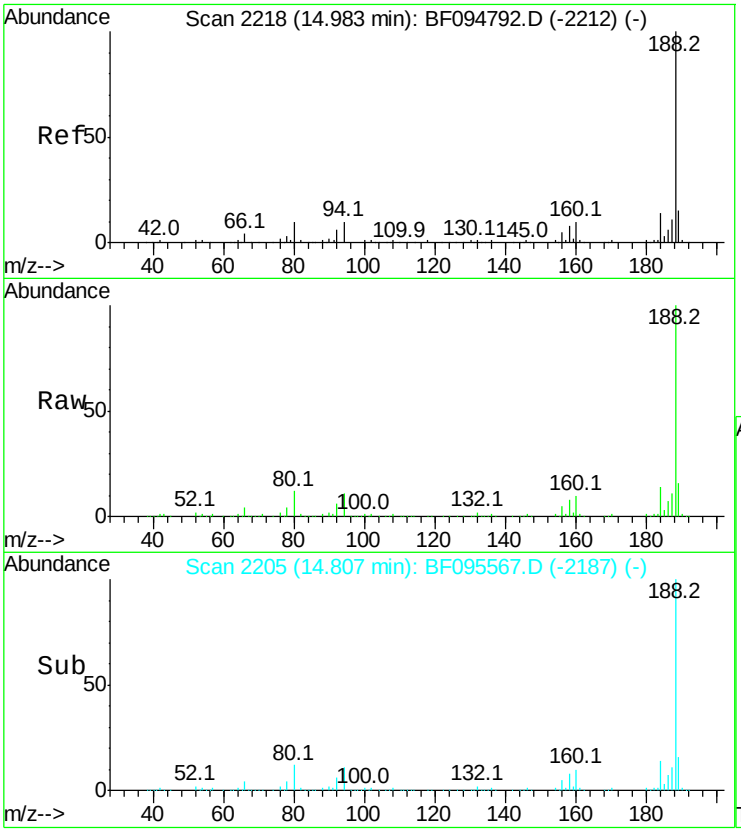


#49
Dimethylphthalate
Concen: 18.26 ng
RT: 12.05 min Scan# 1736
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:163 Resp: 293934

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.4	12.6



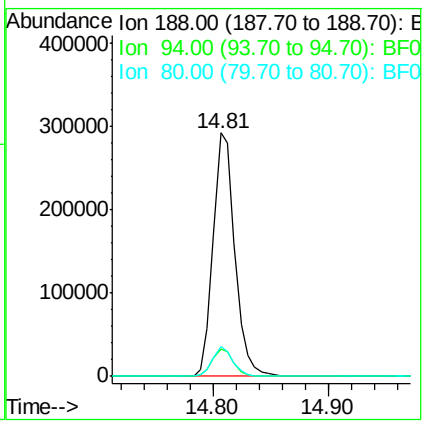


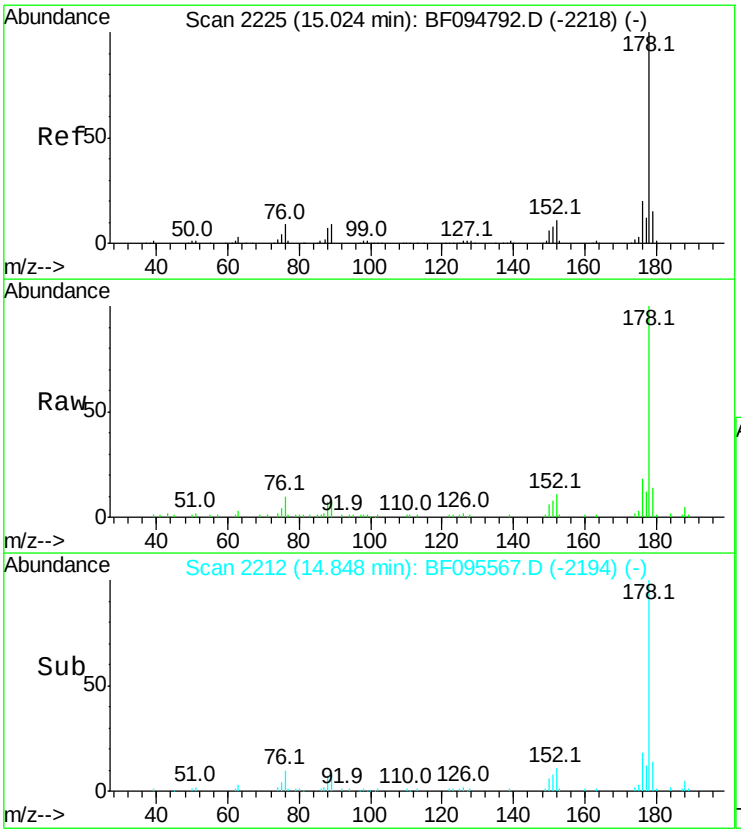
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2205
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 381183

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.2	10.2	15.2

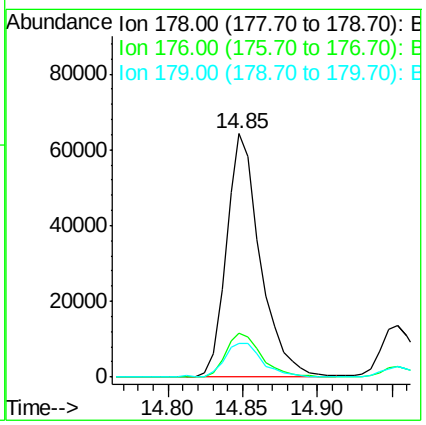


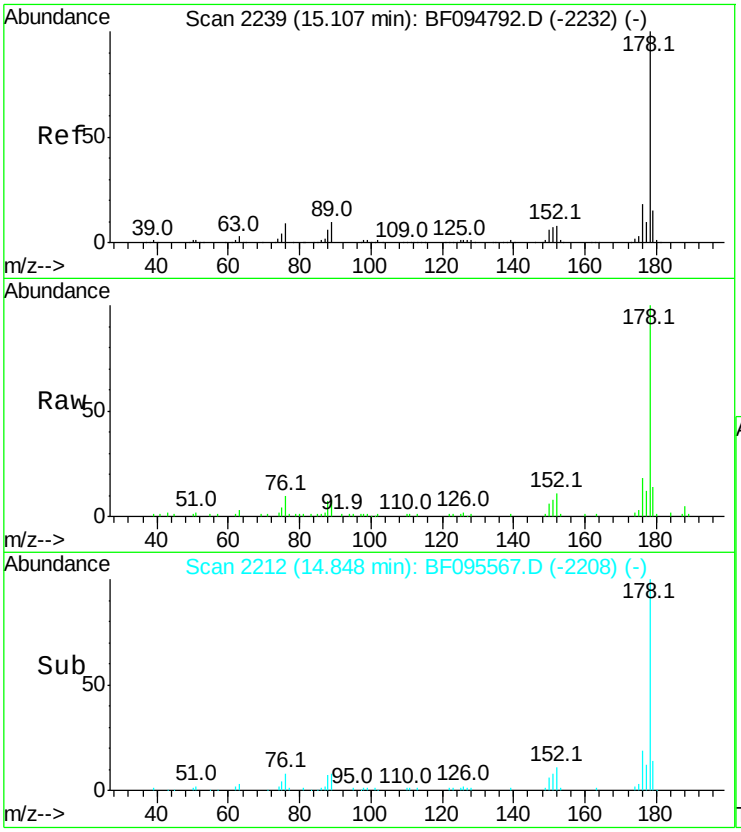


#70
Phenanthrene
Concen: 4.64 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:178 Resp: 101634

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	13.9	12.6	19.0



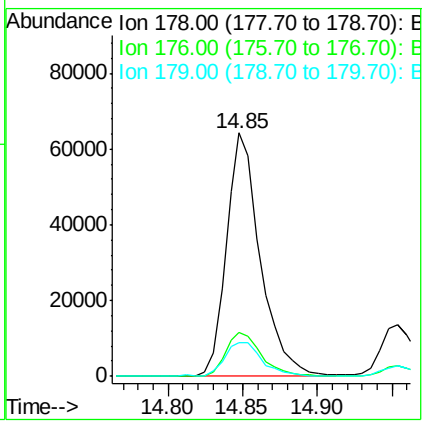


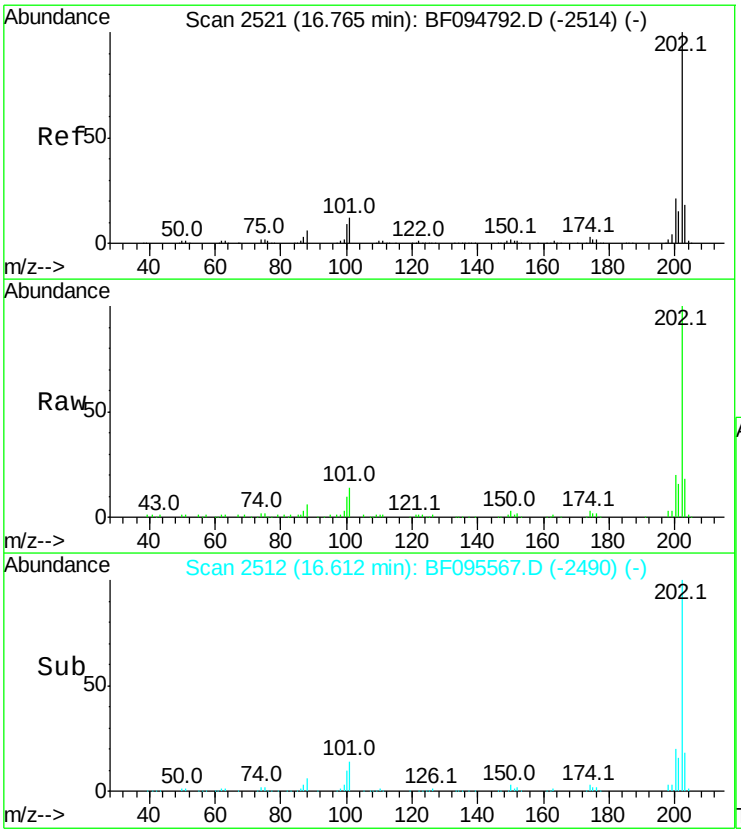
#71
Anthracene
Concen: 4.54 ng
RT: 14.85 min Scan# 2212
Delta R.T. -0.28 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 101634

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	13.9	12.7	19.1

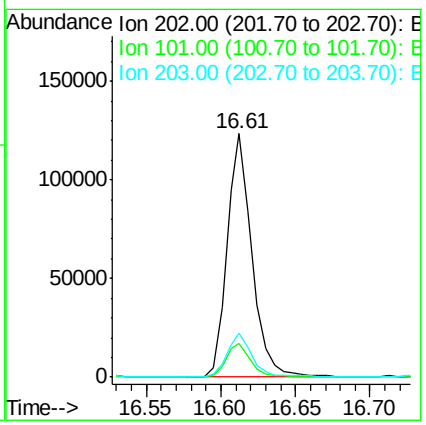


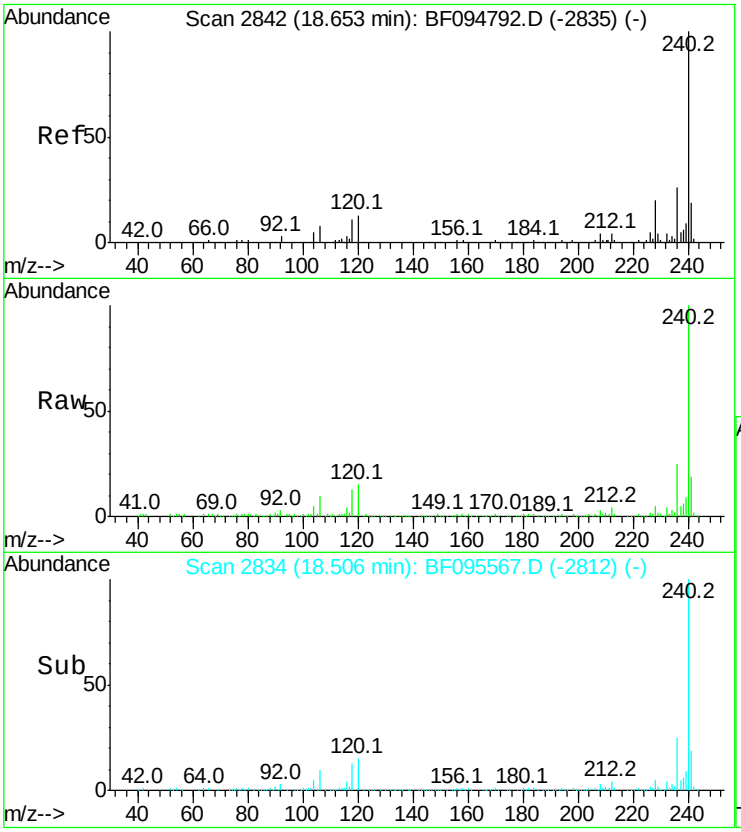


#74
Fluoranthene
Concen: 6.44 ng
RT: 16.61 min Scan# 2512
Delta R.T. -0.17 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:202 Resp: 144686

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	18.1	0.0	38.1



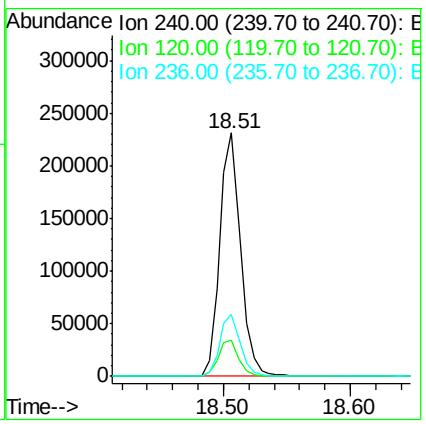


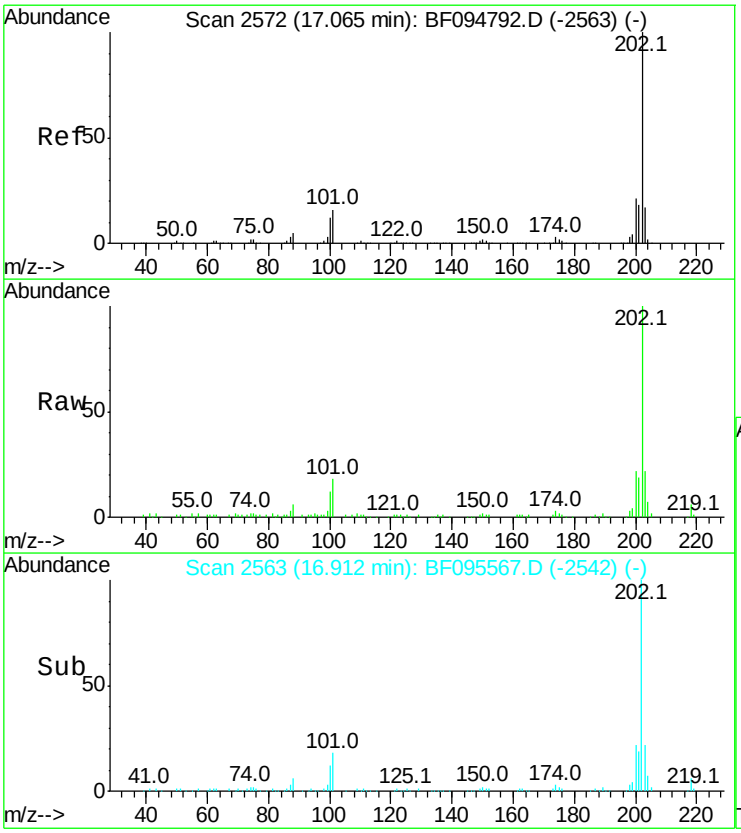
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.51 min Scan# 2834
Delta R.T. -0.17 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 264293

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.5	20.5	30.7

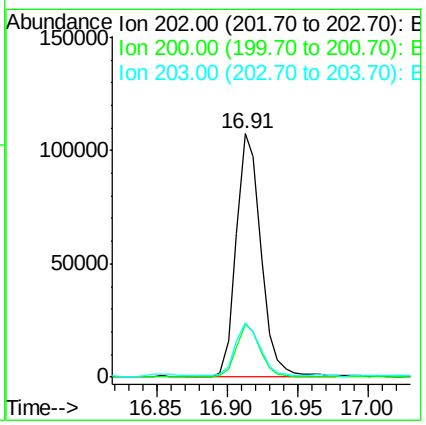


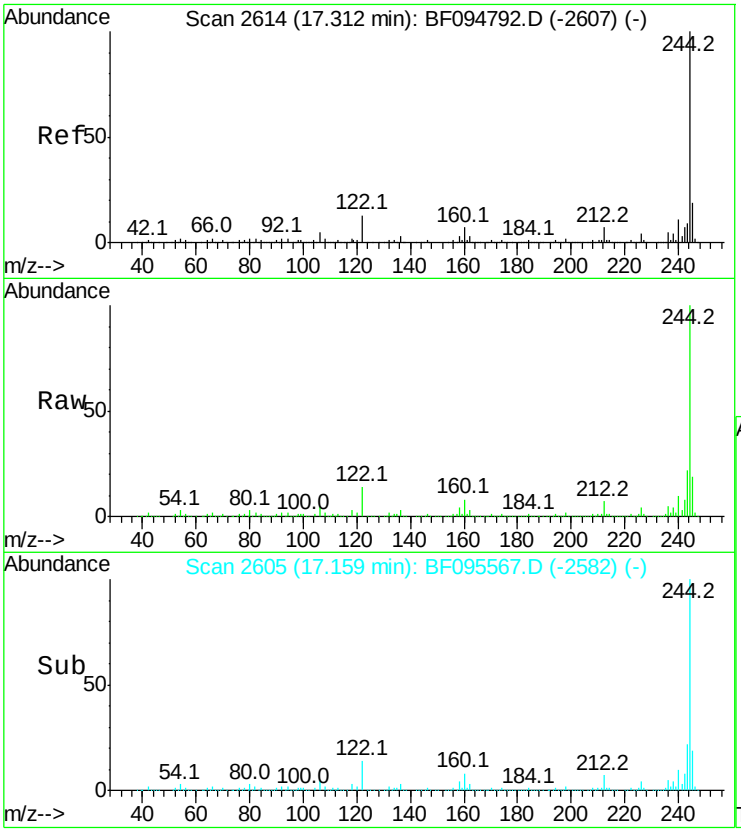


#77
Pyrene
Concen: 6.71 ng
RT: 16.91 min Scan# 2563
Delta R.T. -0.18 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:202 Resp: 132722

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	22.5	14.4	21.6#



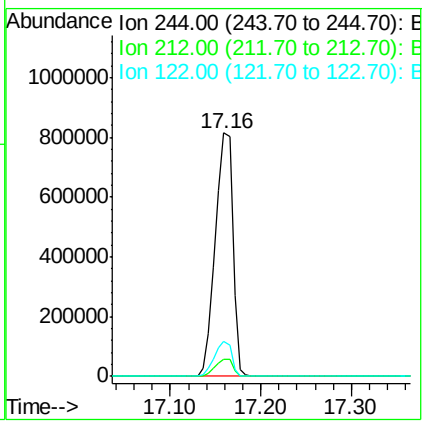


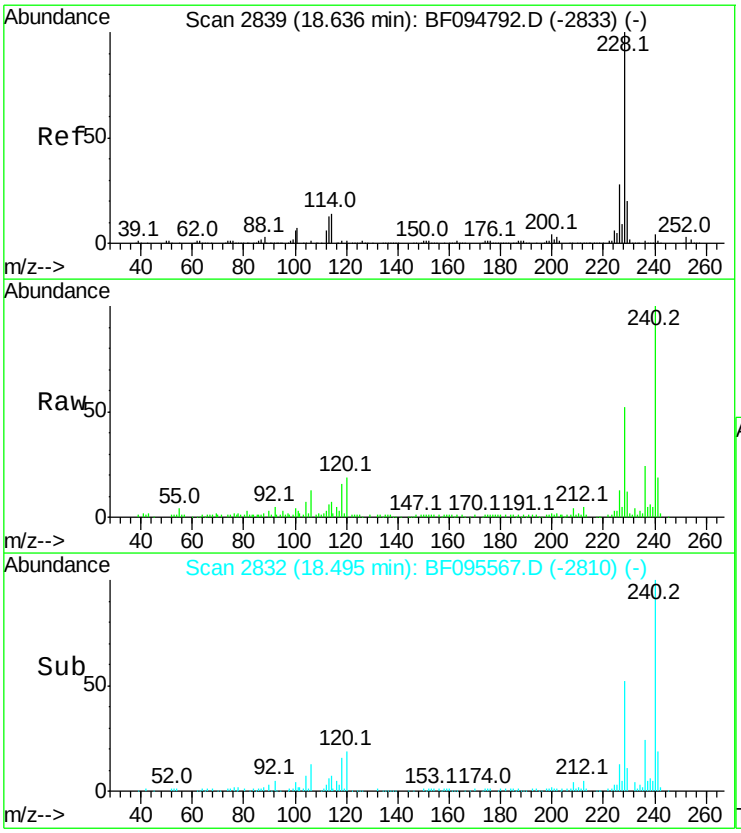
#78
Terphenyl-d14
Concen: 90.92 ng
RT: 17.16 min Scan# 2605
Delta R.T. -0.16 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1090977

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.4	10.3	15.5

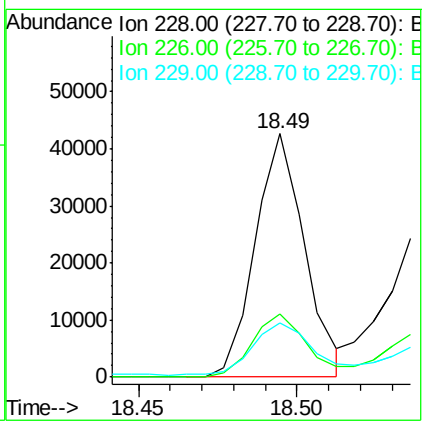


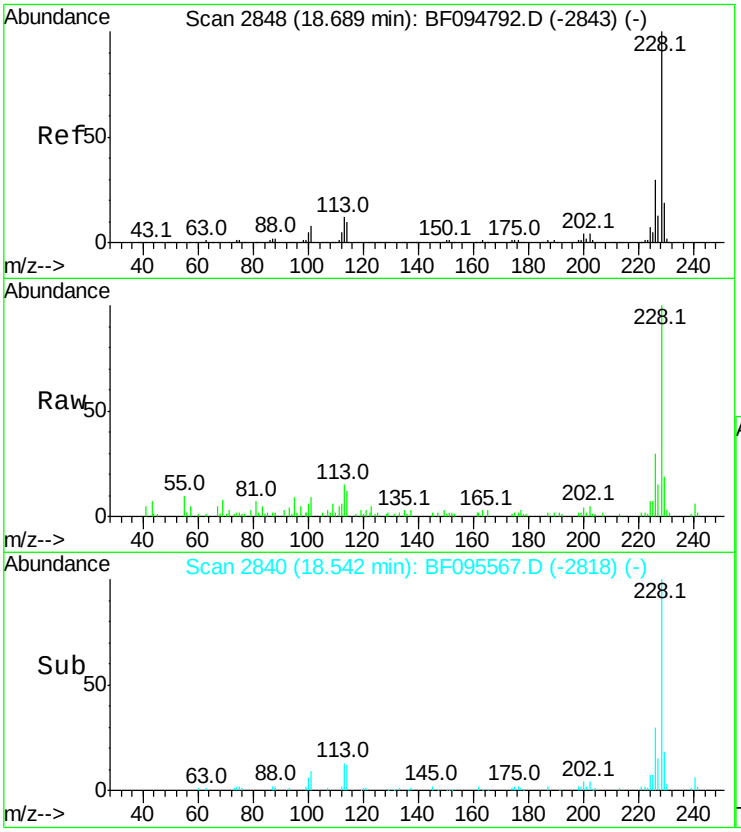


#80
Benzo(a)anthracene
Concen: 3.00 ng
RT: 18.49 min Scan# 2832
Delta R.T. -0.17 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:228 Resp: 46203

Ion	Ratio	Lower	Upper
228	100		
226	25.9	22.6	33.8
229	22.3	16.3	24.5



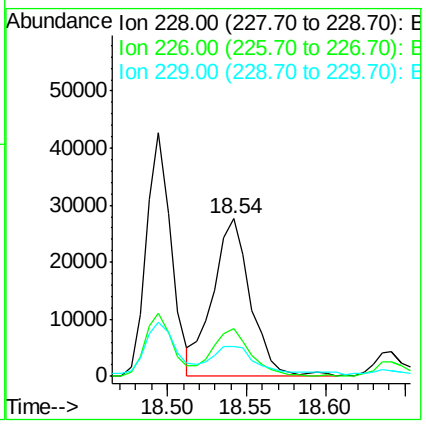


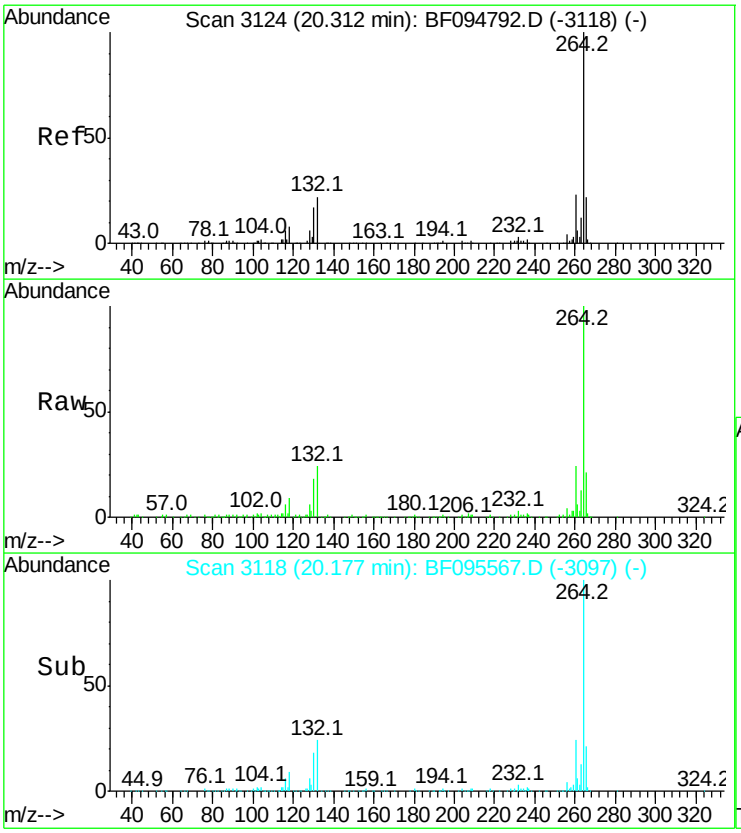
#82
Chrysene
Concen: 3.08 ng
RT: 18.54 min Scan# 2840
Delta R.T. -0.17 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 45817

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	18.7	15.8	23.6

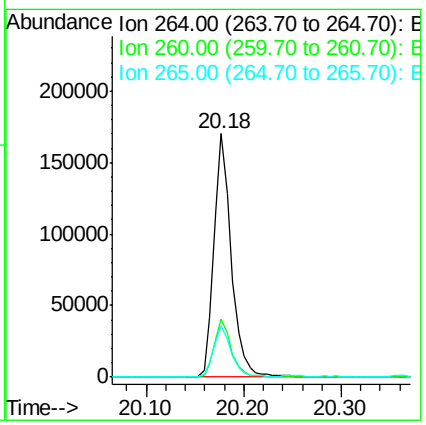


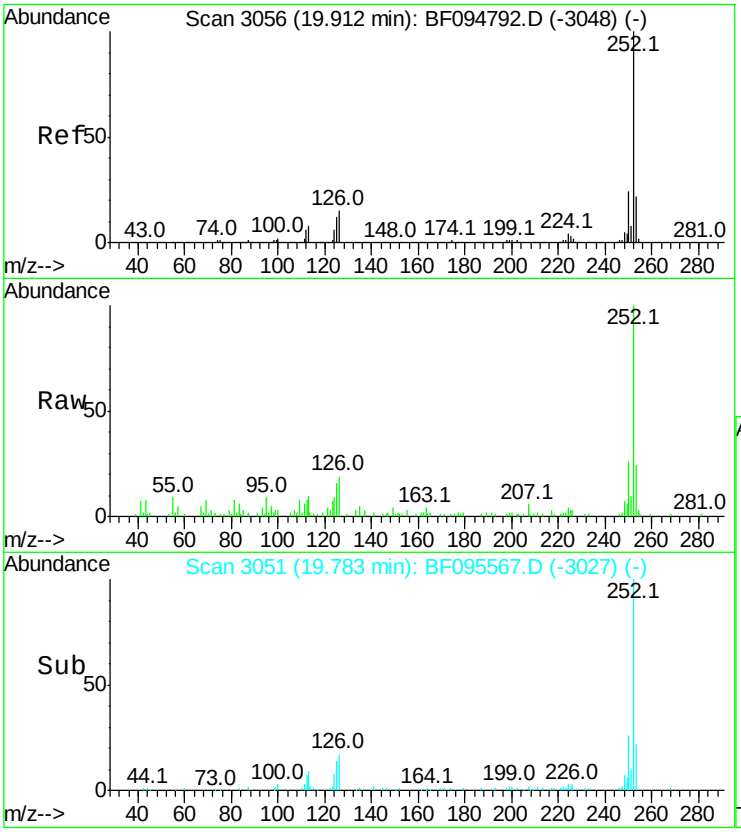


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.18 min Scan# 3118
Delta R.T. -0.18 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:264 Resp: 209959

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8



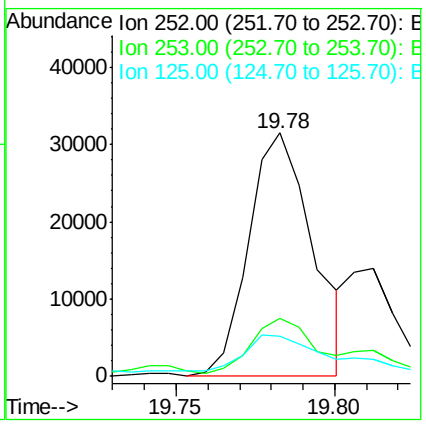


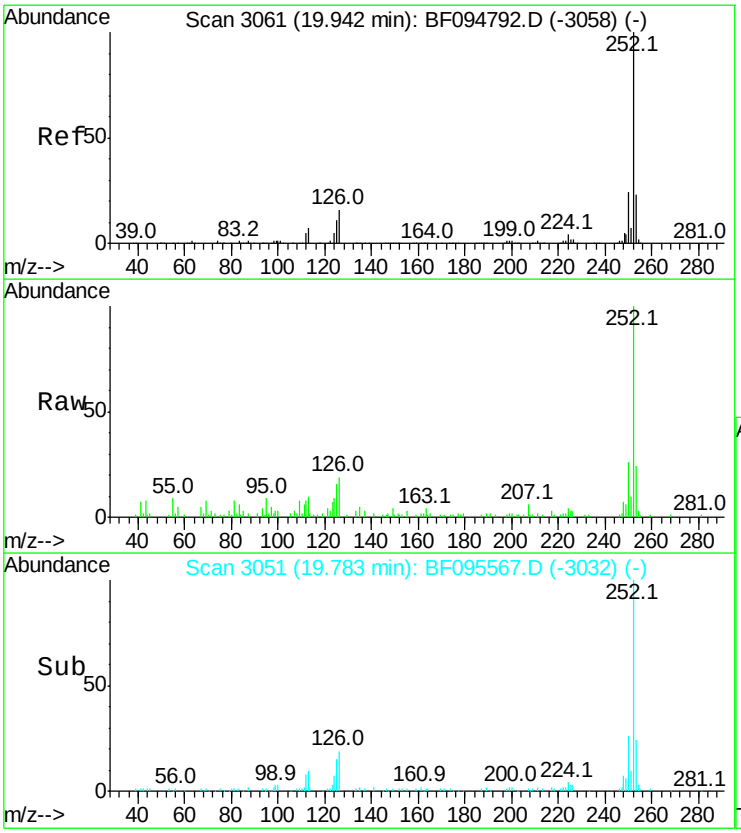
#87
Benzo(b)fluoranthene
Concen: 3.42 ng
RT: 19.78 min Scan# 3051
Delta R.T. -0.16 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 44406

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	16.5	9.8	14.8#

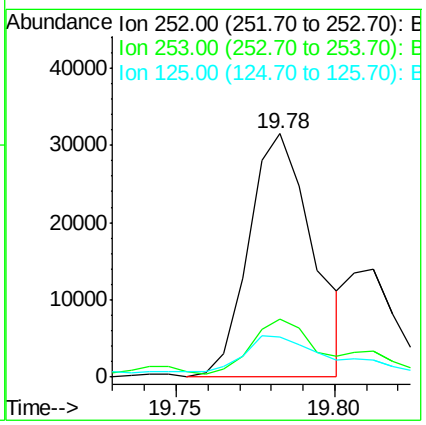


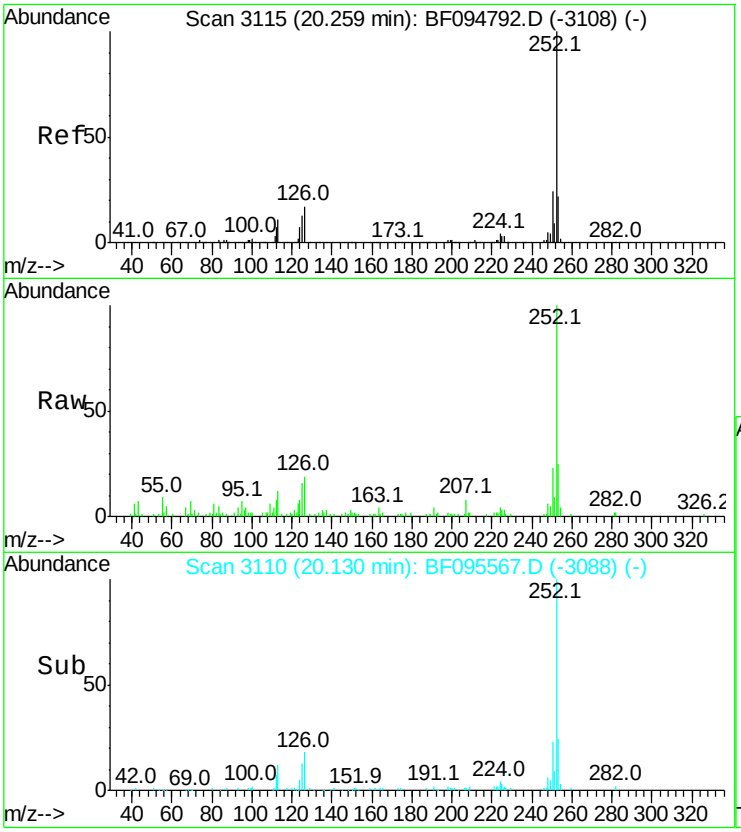


#88
Benzo(k)fluoranthene
Concen: 3.55 ng
RT: 19.78 min Scan# 3051
Delta R.T. -0.19 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Tgt Ion:252 Resp: 44406

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	16.5	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.75 ng
RT: 20.13 min Scan# 3110
Delta R.T. -0.17 min
Lab File: BF095567.D
Acq: 31 May 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32967

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	15.5	11.0	16.4