Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099567.D
Acq On : 17 Oct 2017 1:57
Operator : SJ/JU
Sample : I5752-08RE 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 17 02:33:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	101842	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	406446	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	174318	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	272231	20.00	ng		0.00
75) Chrysene-d12	14.01	240	188423	20.00	ng		0.00
86) Perylene-d12	15.49	264	195796	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	297236	46.46	ng		0.00
7) Phenol-d6	6.47	99	375267	47.55	ng		-0.01
23) Nitrobenzene-d5	7.40	82	218619	34.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	49114	34.43	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	428075	41.00	ng		-0.01
78) Terphenyl-d14	12.95	244	271937	32.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	22156	2.51	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	27006	5.36	ng	#	74
25) Isophorone	7.40	82	218619	16.68	ng	#	64
49) Dimethylphthalate	9.59	163	61008	4.64	ng		100
50) 2,6-Dinitrotoluene	9.88	165	21757	7.60	ng	#	25
56) 2,4-Dinitrotoluene	9.88	165	21757	5.85	ng	#	22
62) Azobenzene	10.59	77	37714	3.19	ng	#	1
74) Fluoranthene	12.59	202	35527	2.41	ng		96
77) Pyrene	12.82	202	31592	2.20	ng		98
87) Benzo(b)fluoranthene	15.06	252	36113	3.00	ng	#	87
88) Benzo(k)fluoranthene	15.06	252	36113	3.04	ng	#	90

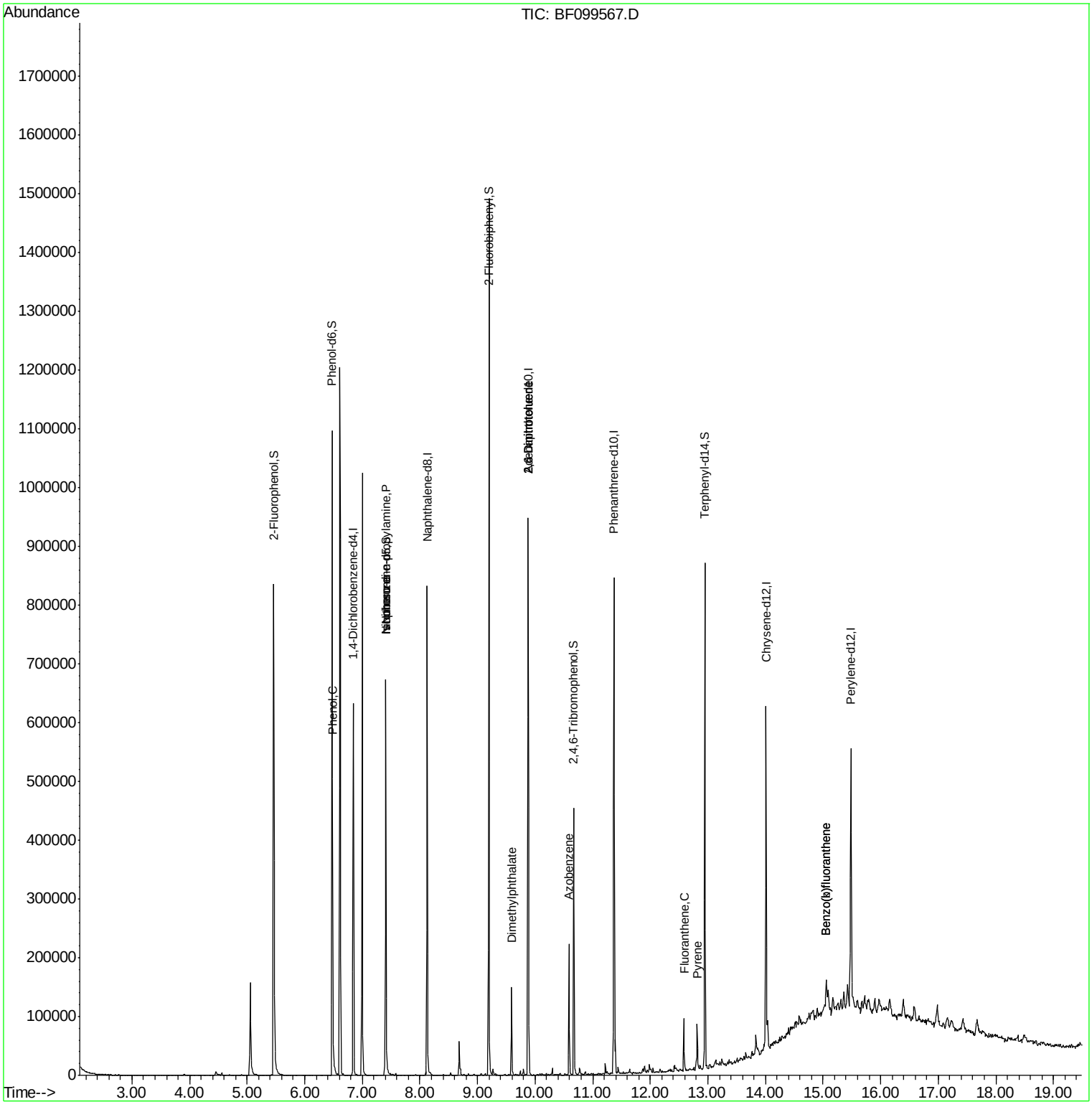
(#) = qualifier out of range (m) = manual integration (+) = signals summed

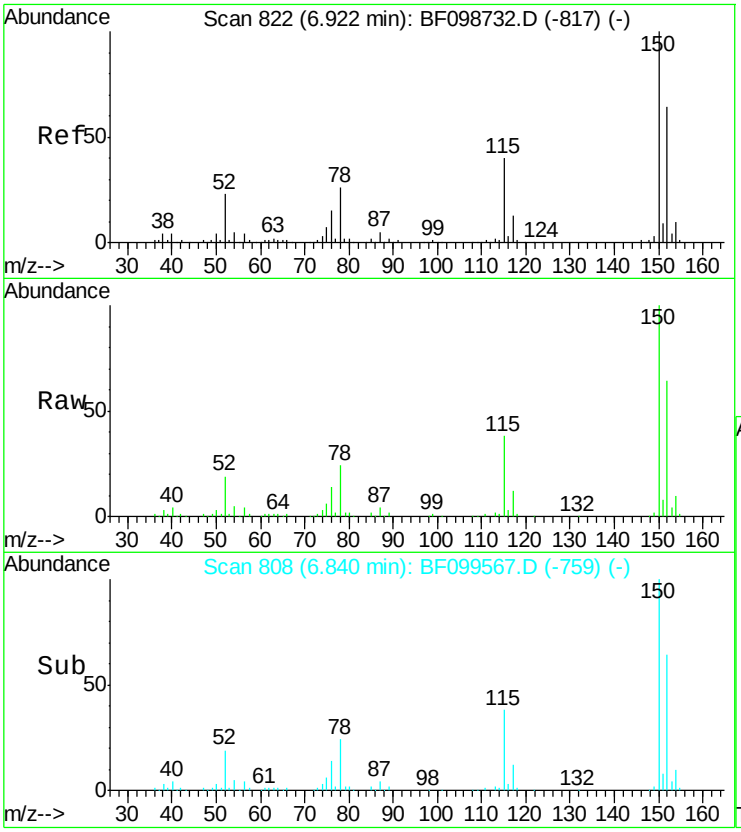
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099567.D
Acq On : 17 Oct 2017 1:57
Operator : SJ/JU
Sample : I5752-08RE 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 17 02:33:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



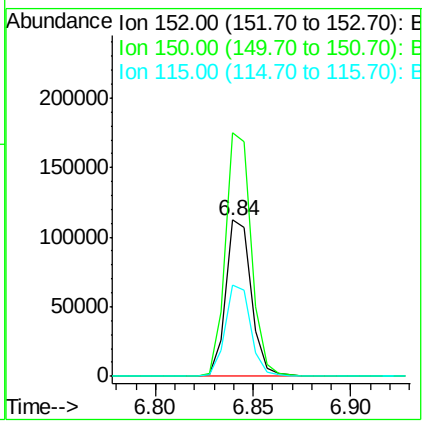


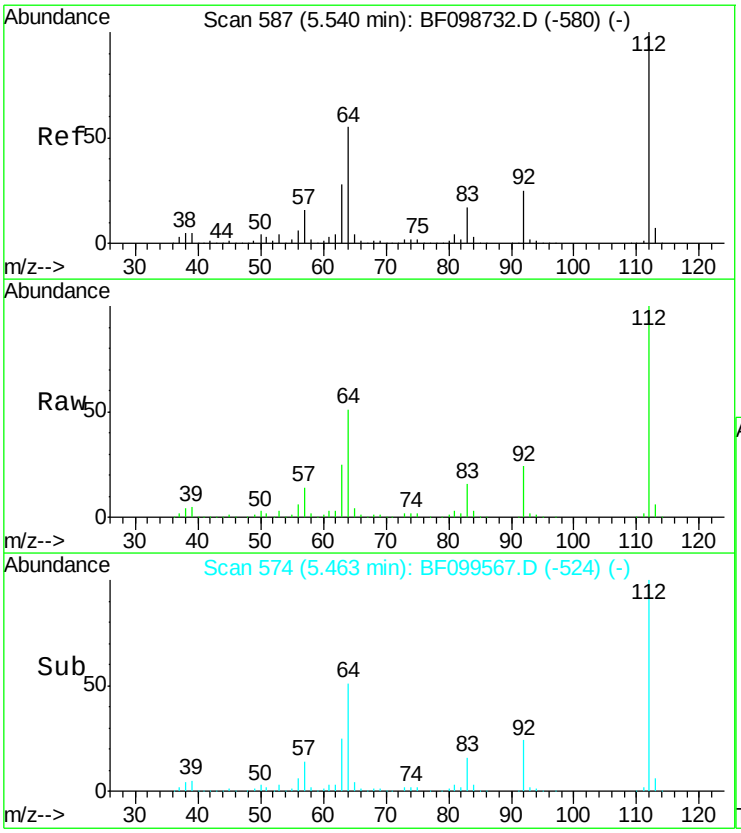
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 101842

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	58.7	50.1	75.1

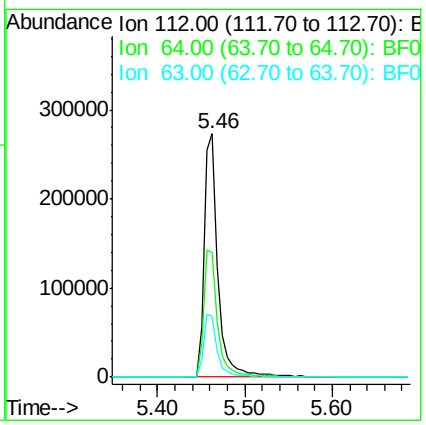


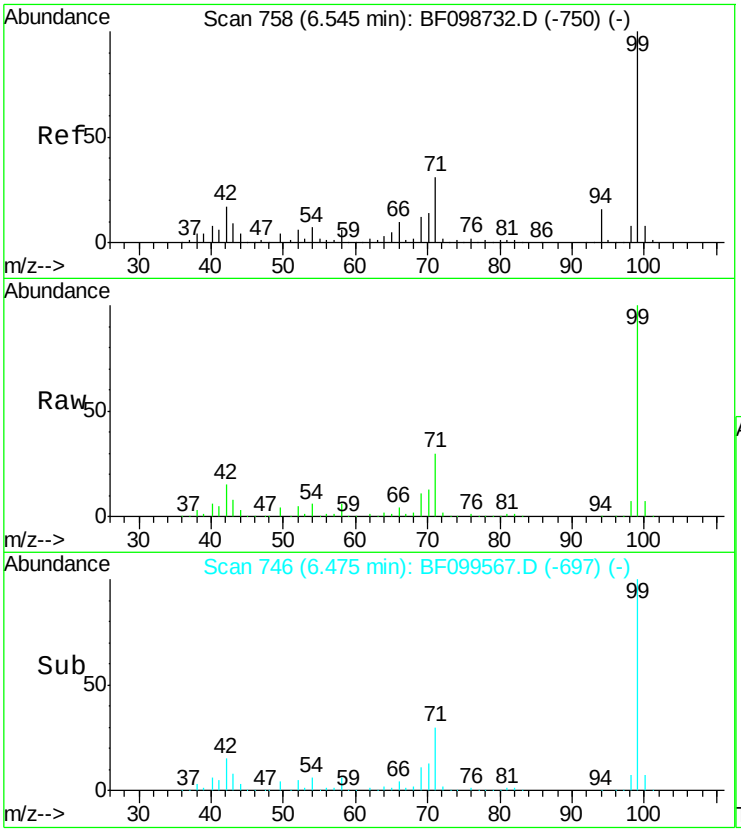


#5
2-Fluorophenol
Concen: 46.46 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:112 Resp: 297236

Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	25.0	23.7	35.5



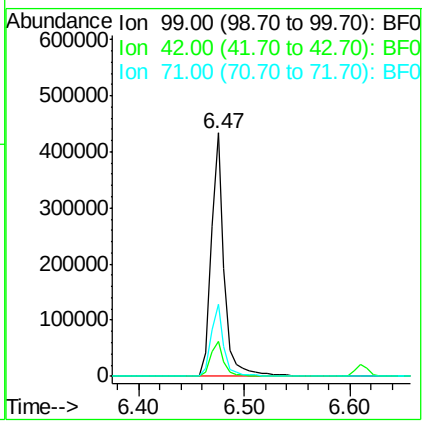


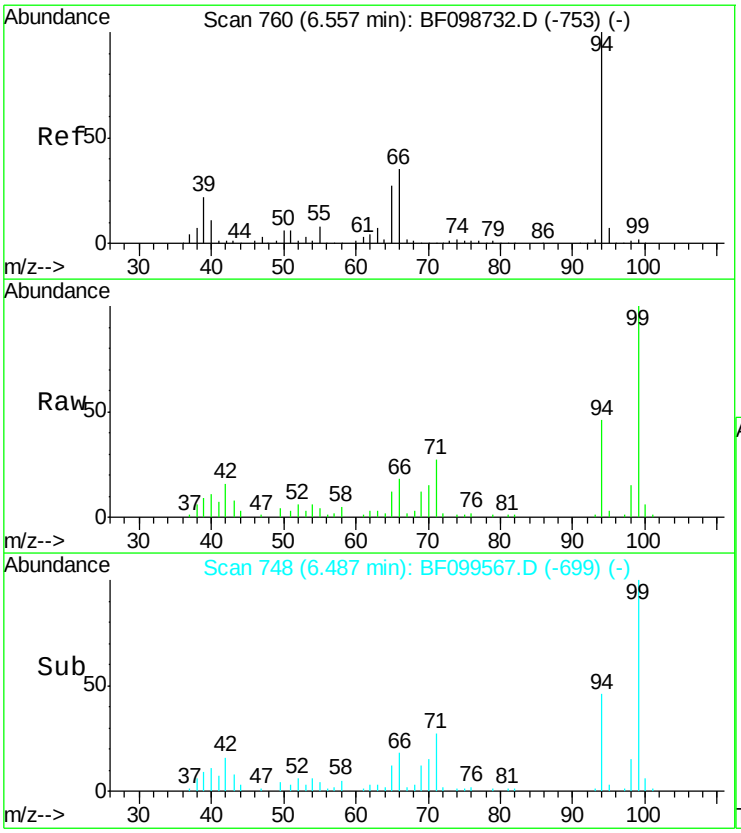
#7
Phenol-d6
Concen: 47.55 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 375267

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.5	21.7
71	29.7	25.4	38.0

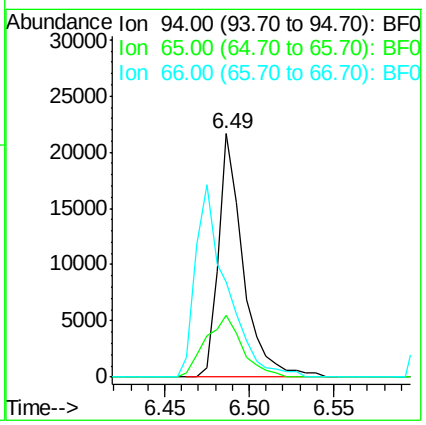


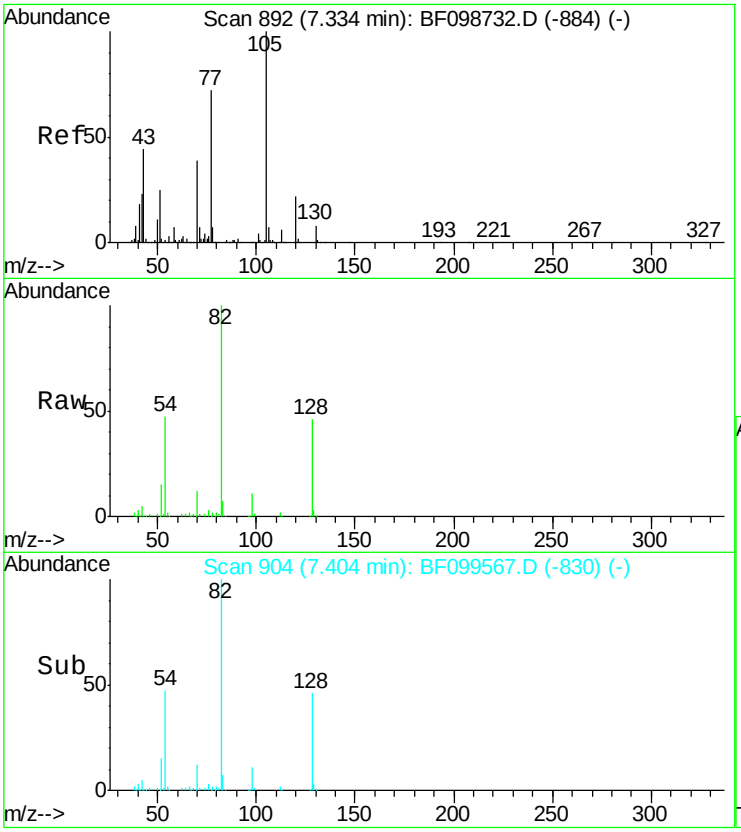


#10
Phenol
Concen: 2.51 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion: 94 Resp: 22156

Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	39.1	16.2	56.2



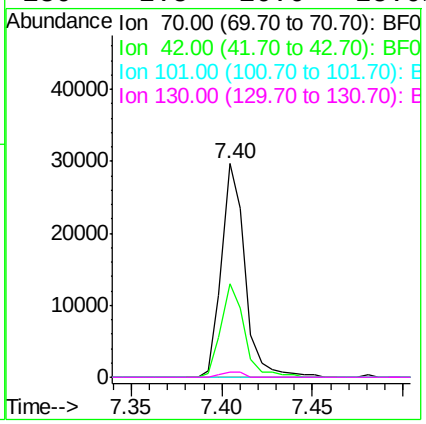


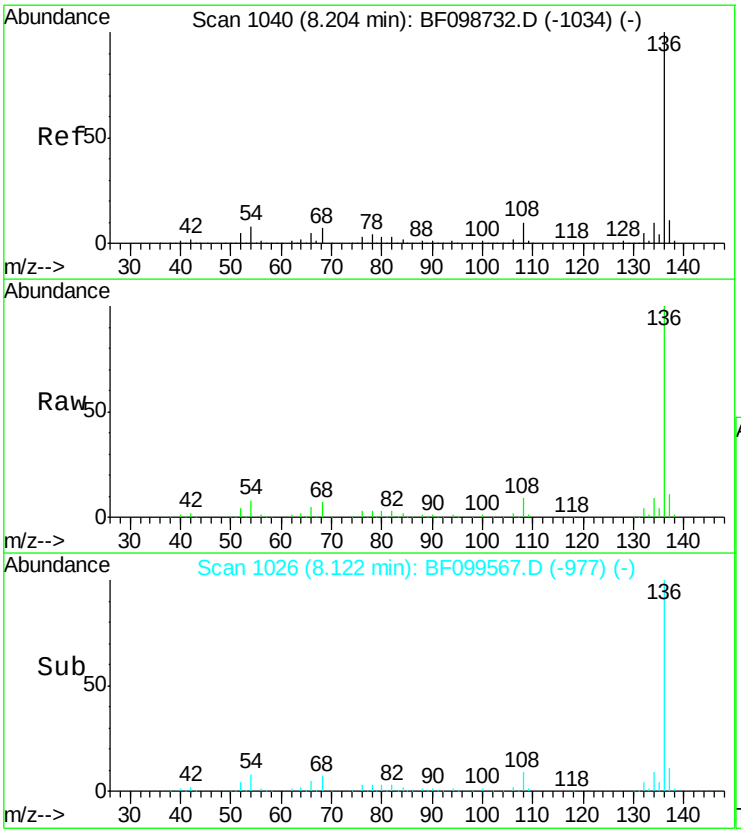
#19
n-Nitroso-di-n-propylamine
Concen: 5.36 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 27006

Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

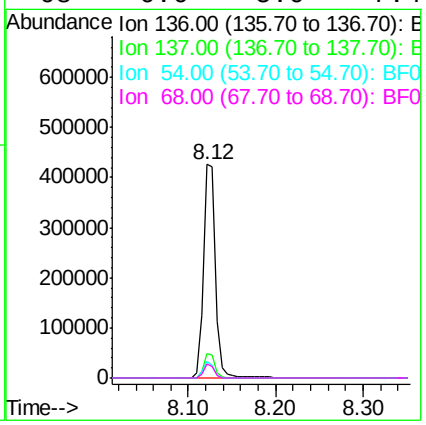


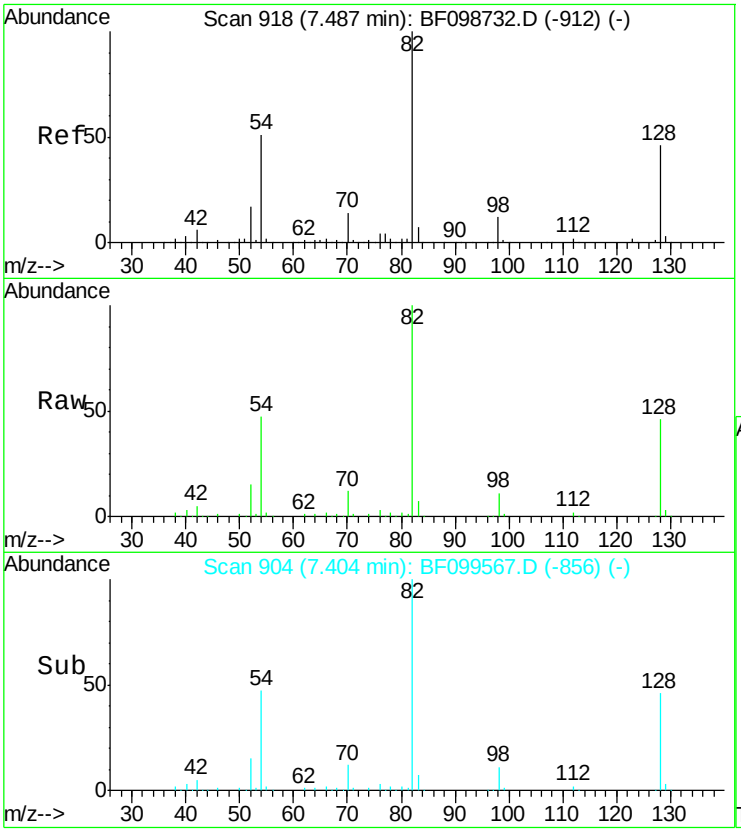


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:136 Resp: 406446

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	6.6	9.8
68	6.6	5.0	7.4



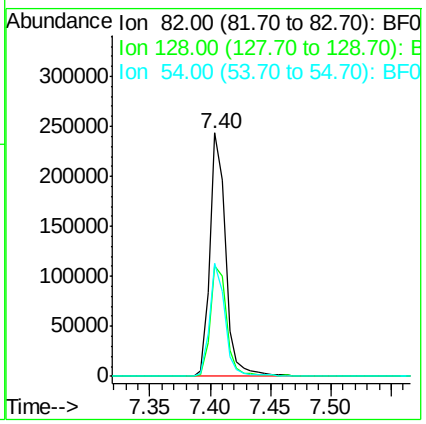


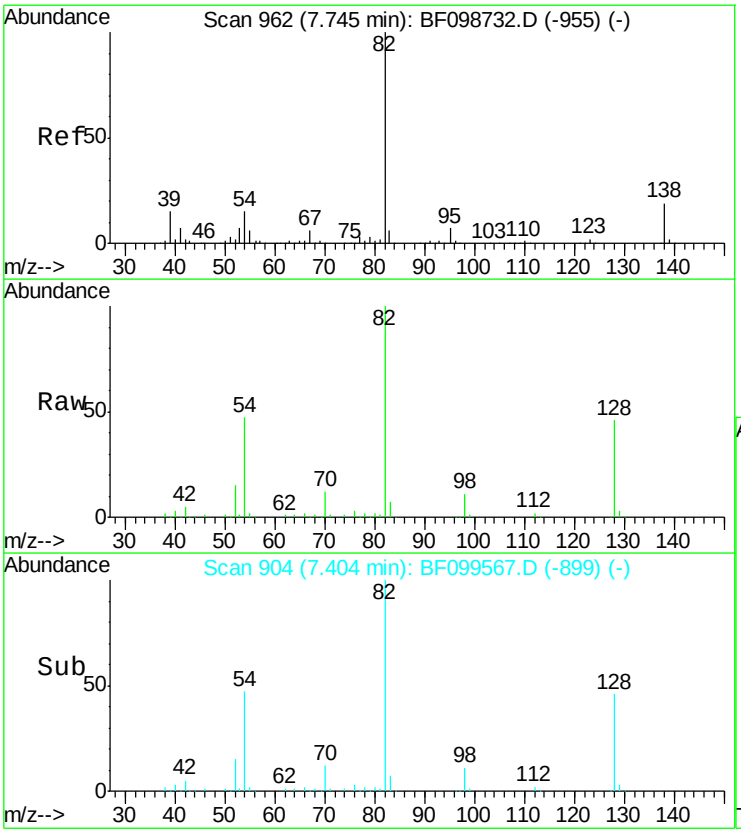
#23
Nitrobenzene-d5
Concen: 34.49 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 218619

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.6	41.4	62.2

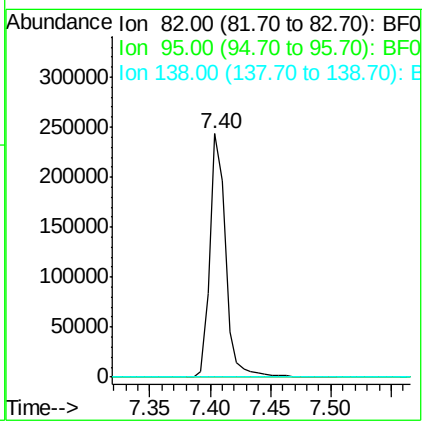


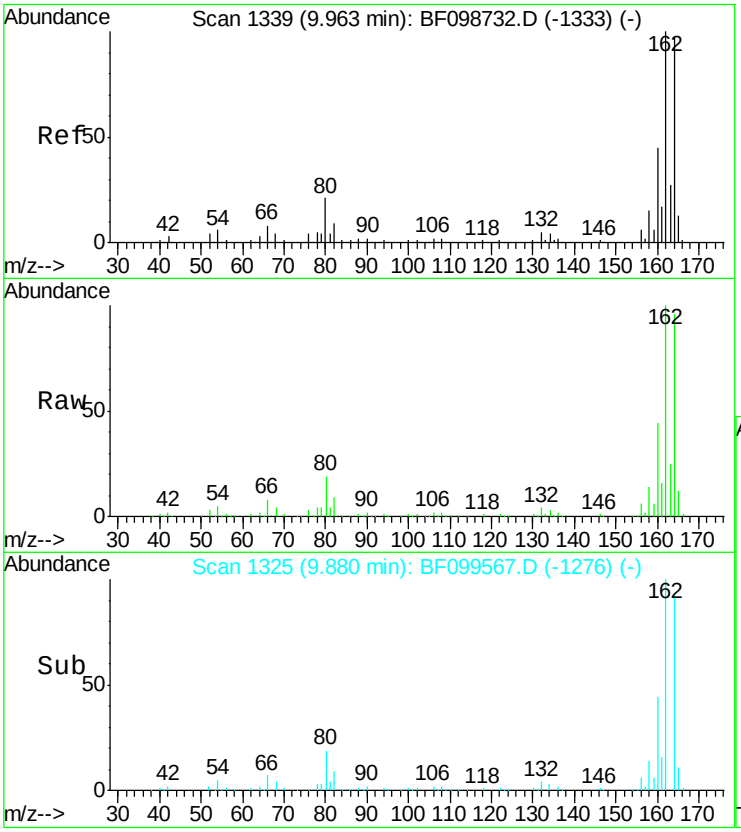


#25
Isophorone
Concen: 16.68 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.27 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion: 82 Resp: 218619

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



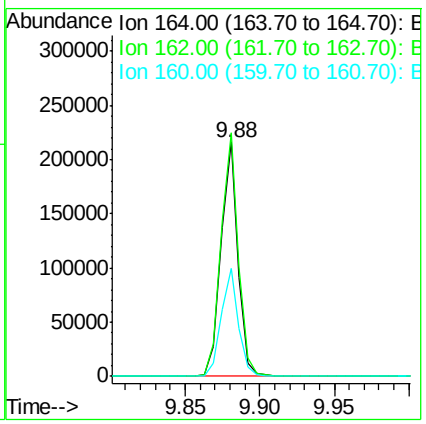


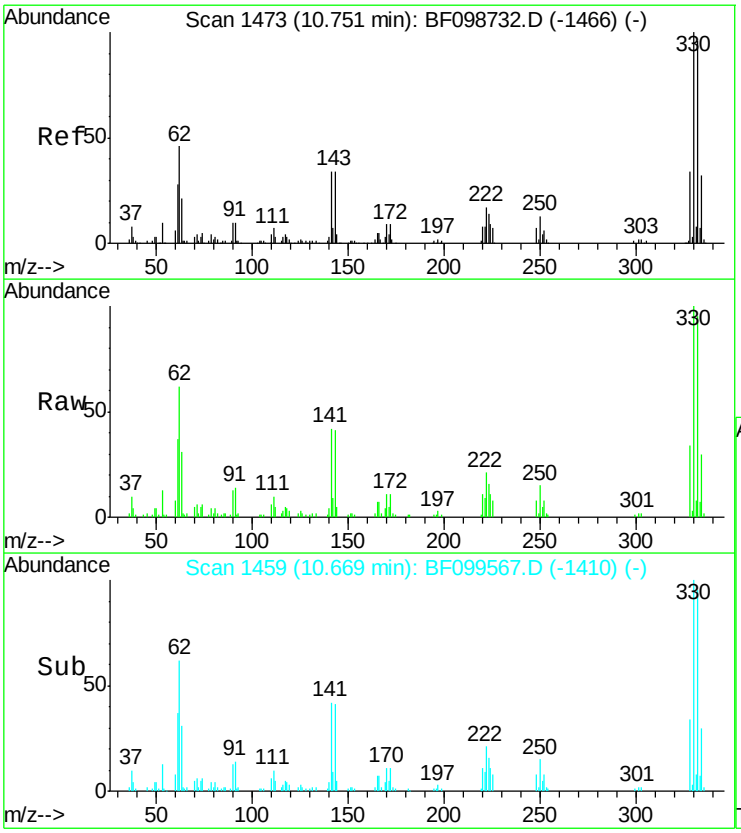
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 174318

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.0	38.3	57.5

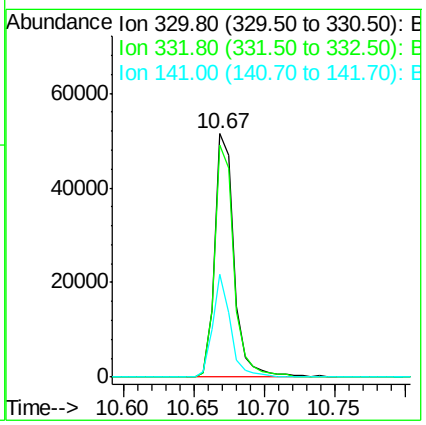


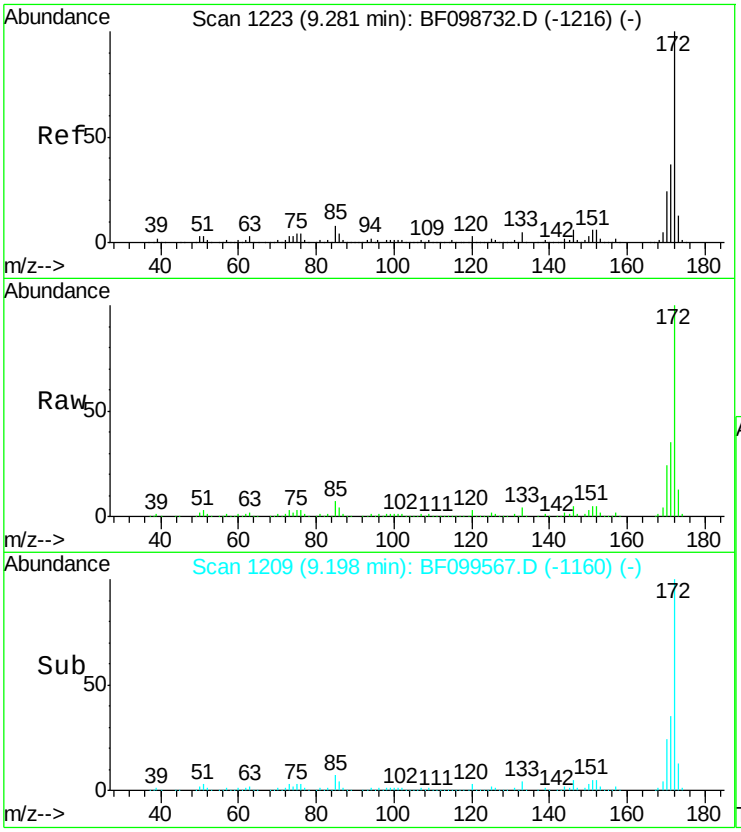


#41
2,4,6-Tribromophenol
Concen: 34.43 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:330 Resp: 49114

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.7	29.9	44.9



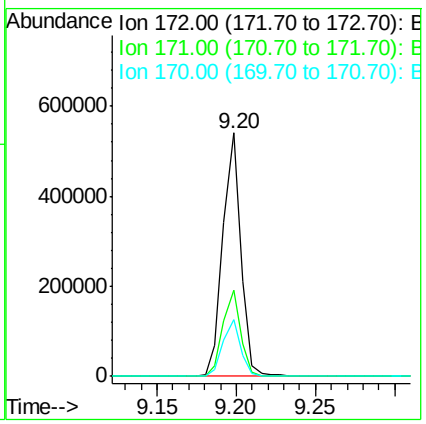


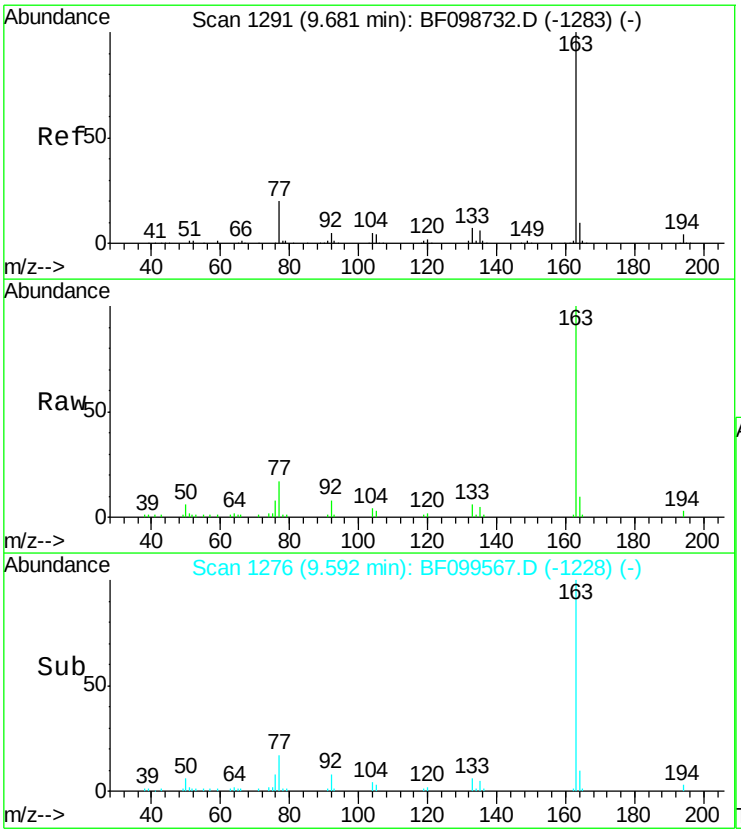
#44
2-Fluorobiphenyl
Concen: 41.00 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 428075

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.5	19.6	29.4

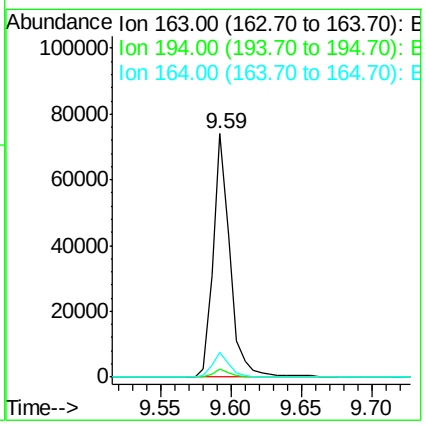


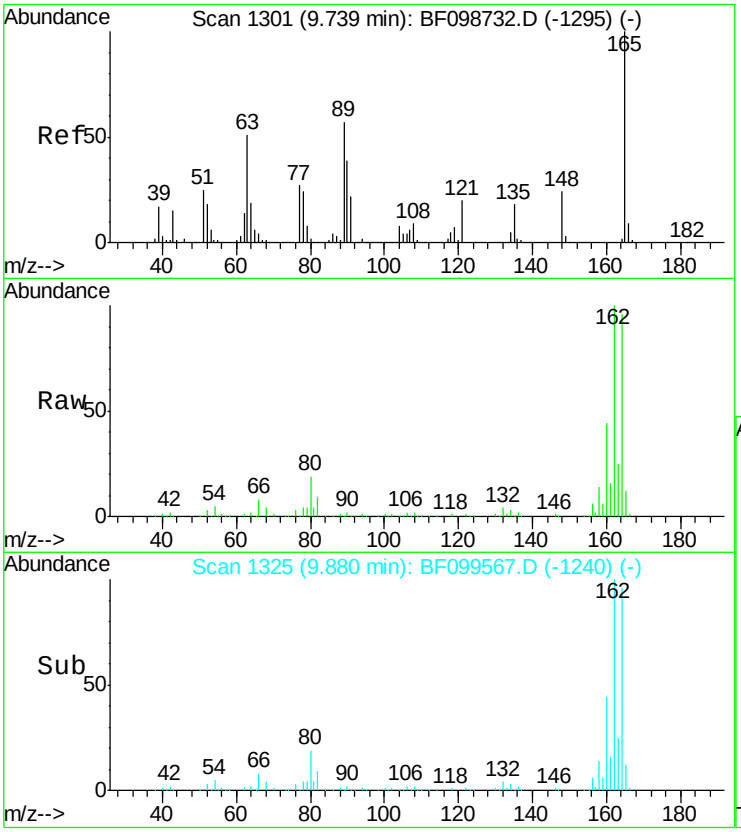


#49
Dimethylphthalate
Concen: 4.64 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:163 Resp: 61008

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.0	8.2	12.2



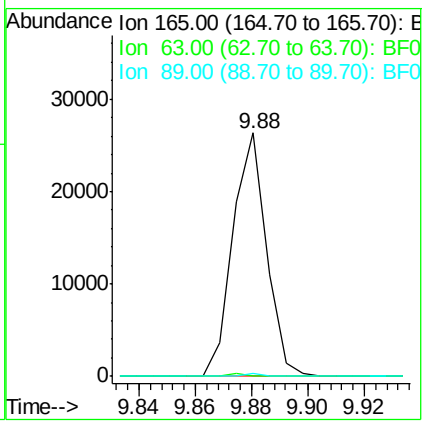


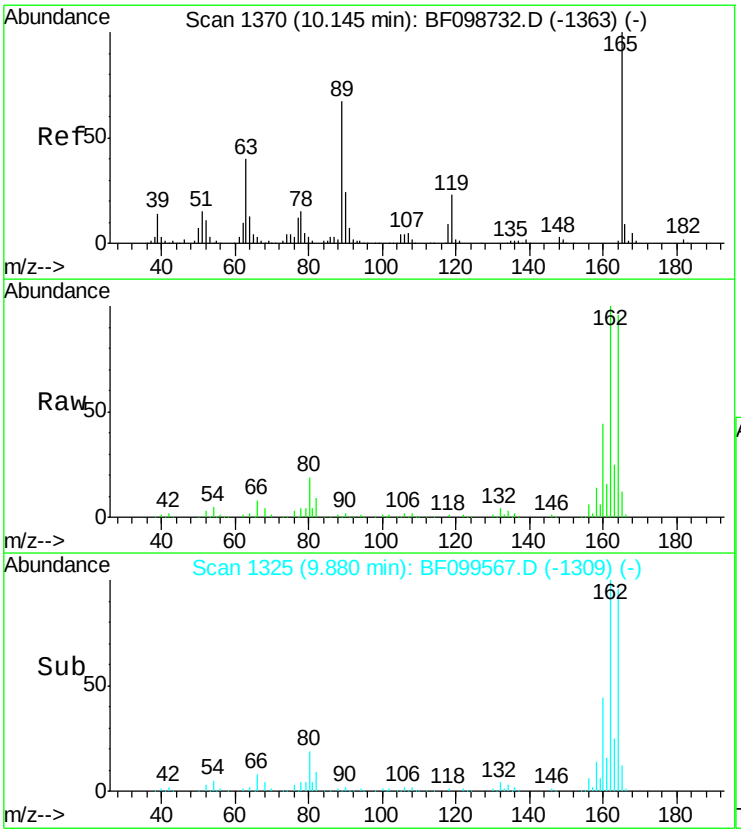
#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.20 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21757

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#

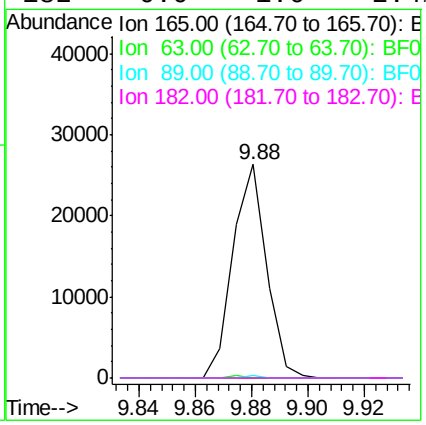


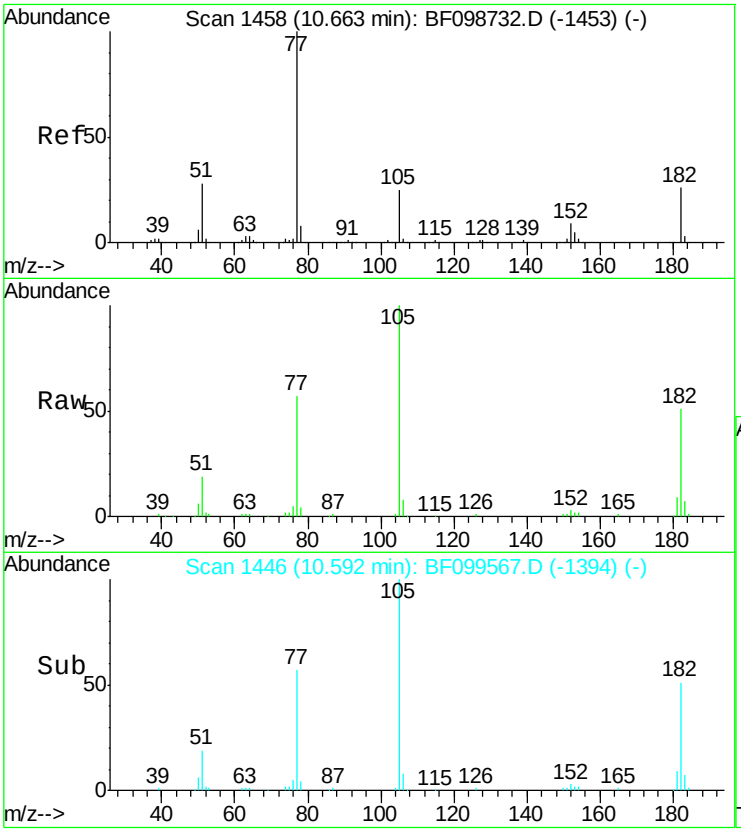


#56
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:165 Resp: 21757

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



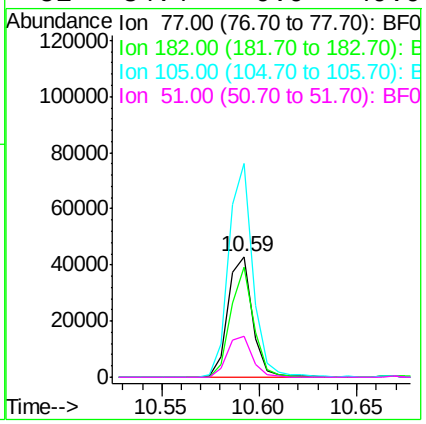


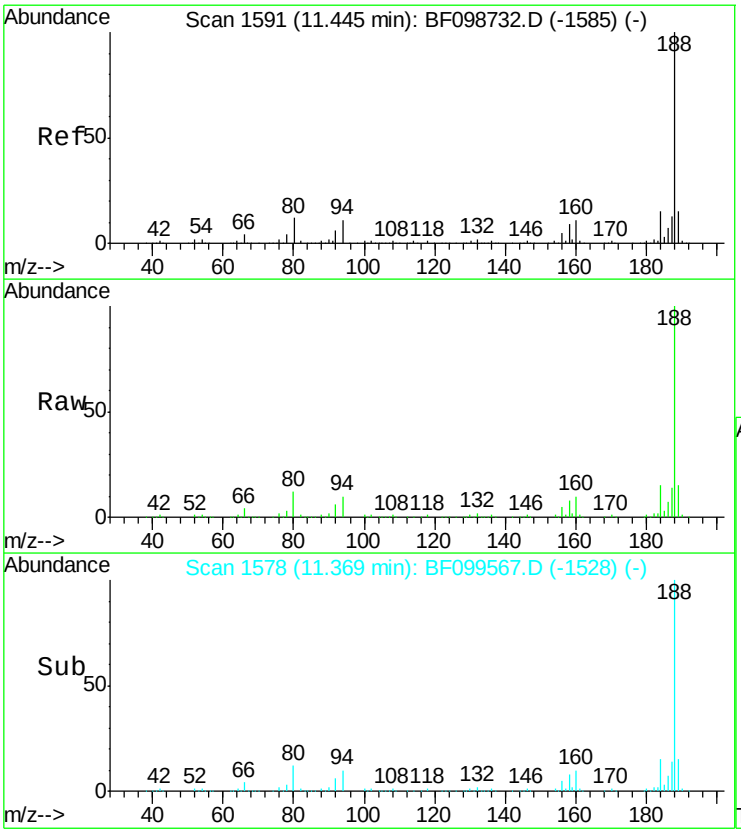
#62
Azobenzene
Concen: 3.19 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 37714

Ion	Ratio	Lower	Upper
77	100		
182	90.9	1.7	41.7#
105	176.7	3.0	43.0#
51	34.4	9.9	49.9

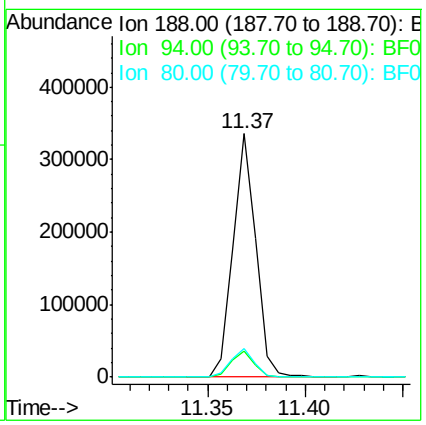


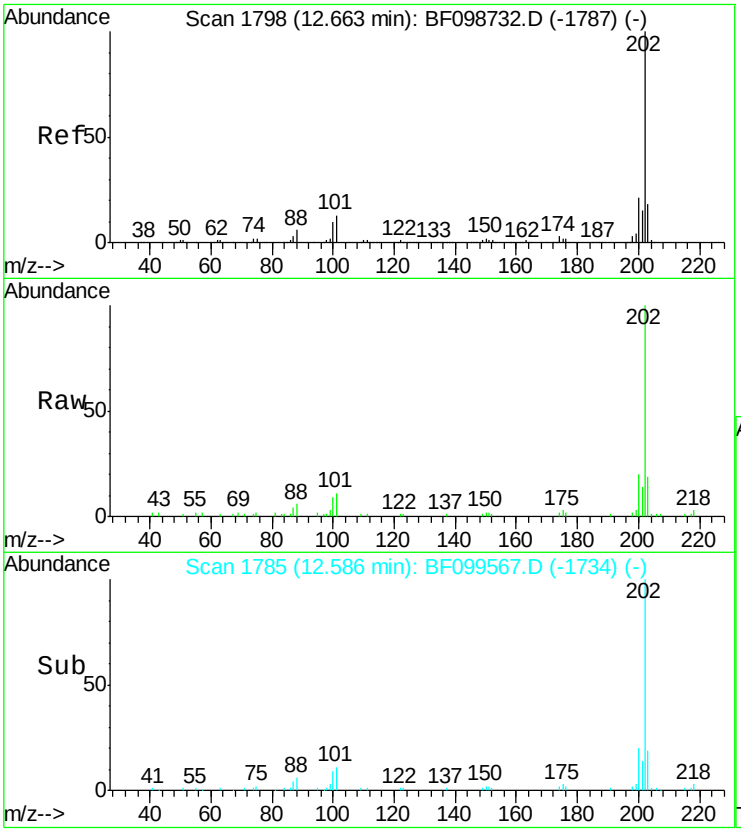


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:188 Resp: 272231

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8



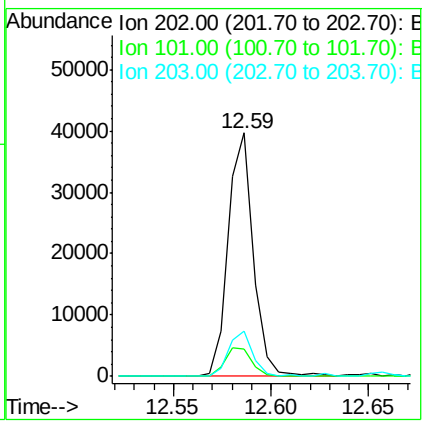


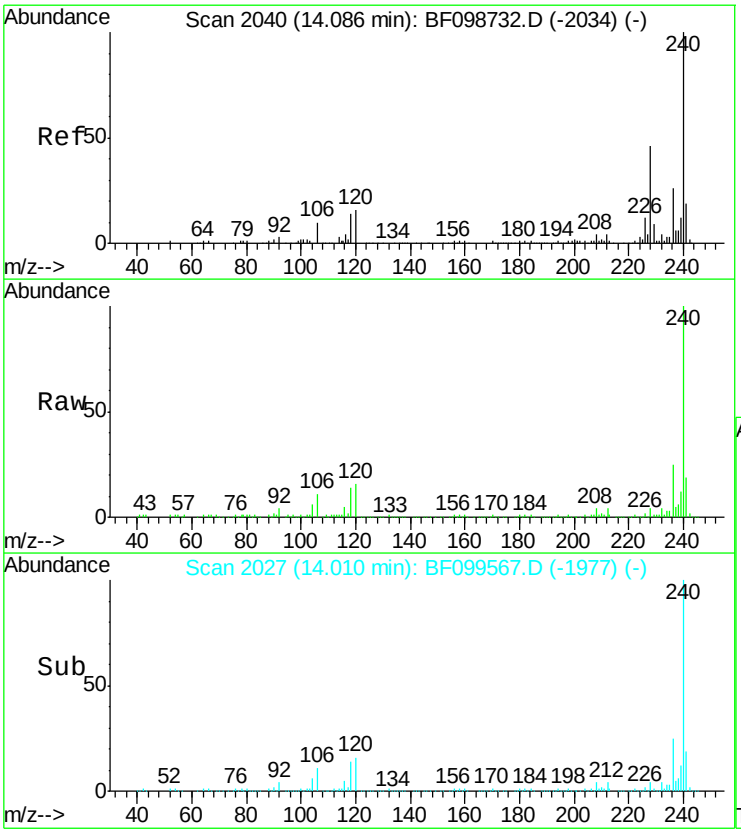
#74
Fluoranthene
Concen: 2.41 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 35527

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	18.8	0.0	38.1

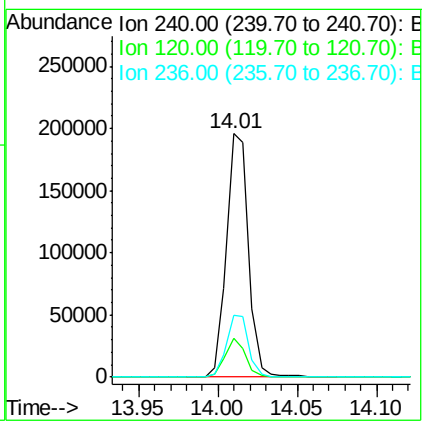


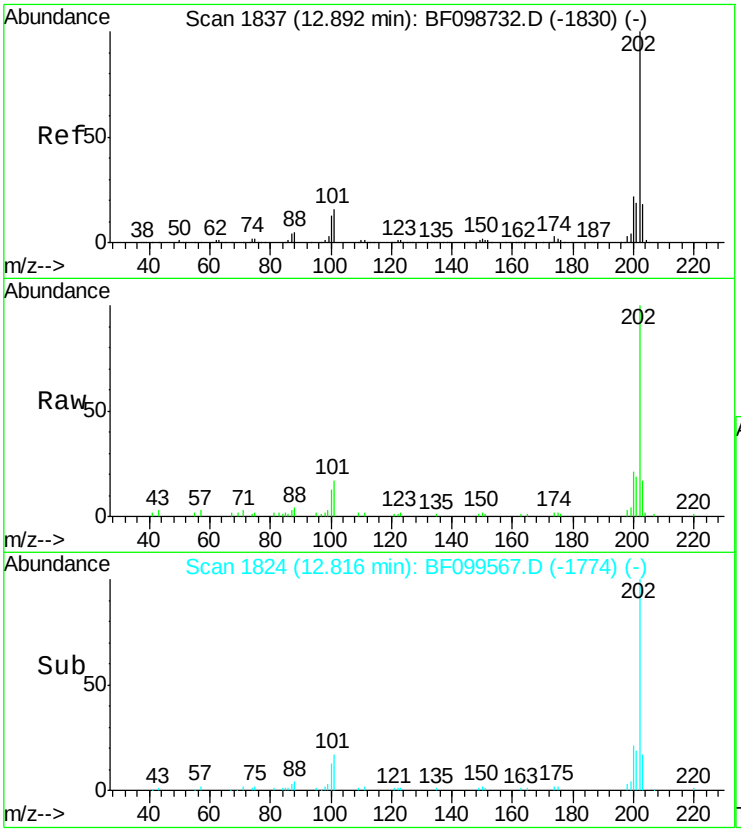


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:240 Resp: 188423

Ion	Ratio	Lower	Upper
240	100		
120	15.8	9.5	14.3#
236	25.4	20.7	31.1



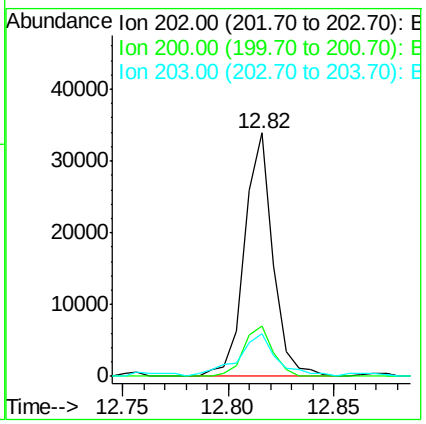


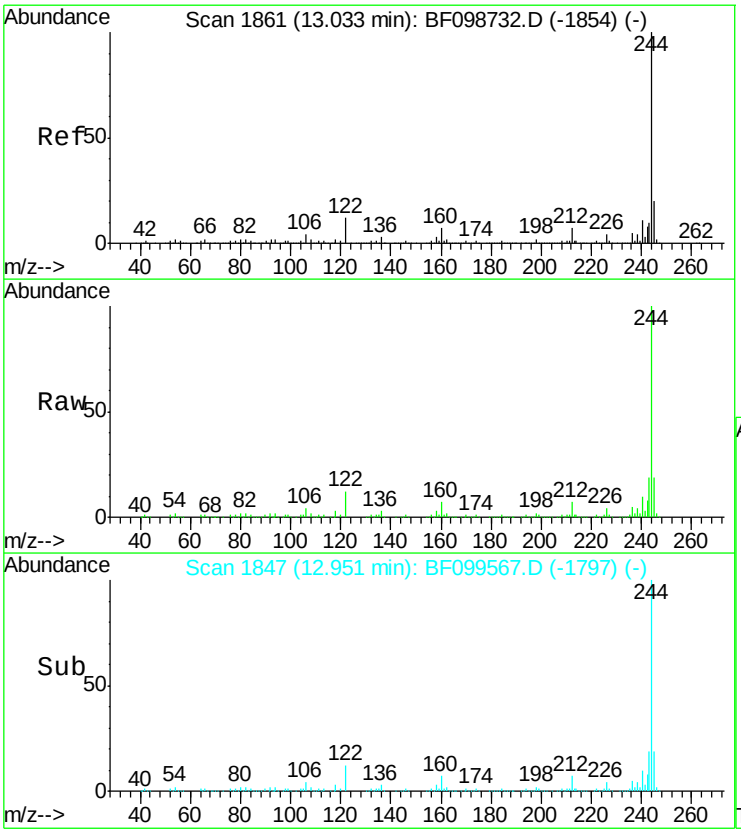
#77
Pyrene
Concen: 2.20 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 31592

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.4	14.3	21.5

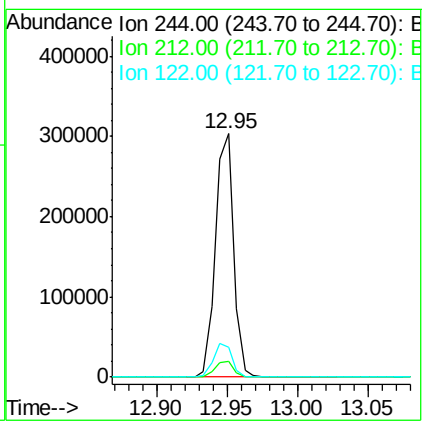


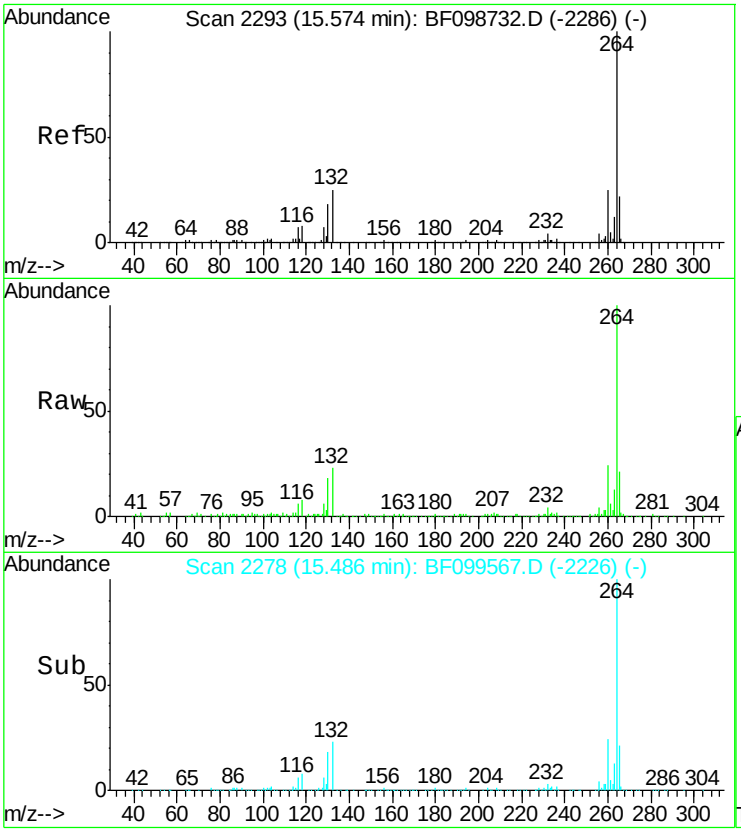


#78
Terphenyl-d14
Concen: 32.82 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:244 Resp: 271937

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.3	11.0	16.4



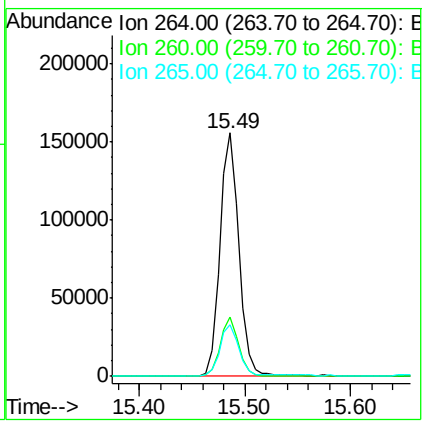


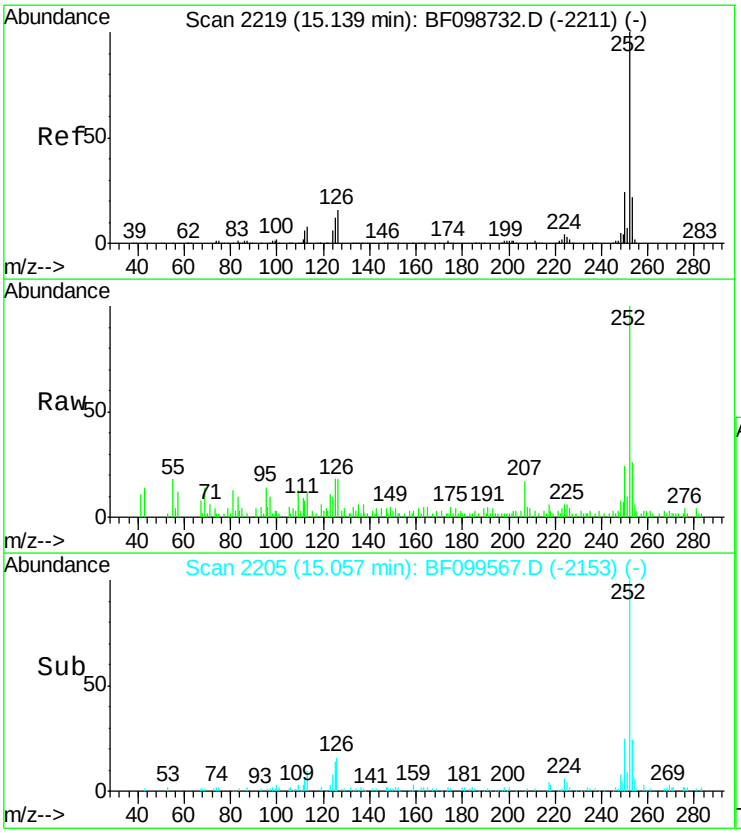
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 195796

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	17.5	26.3

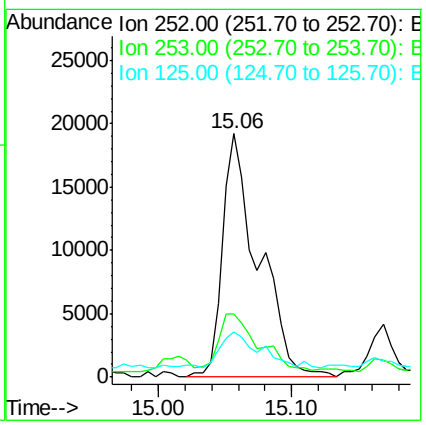


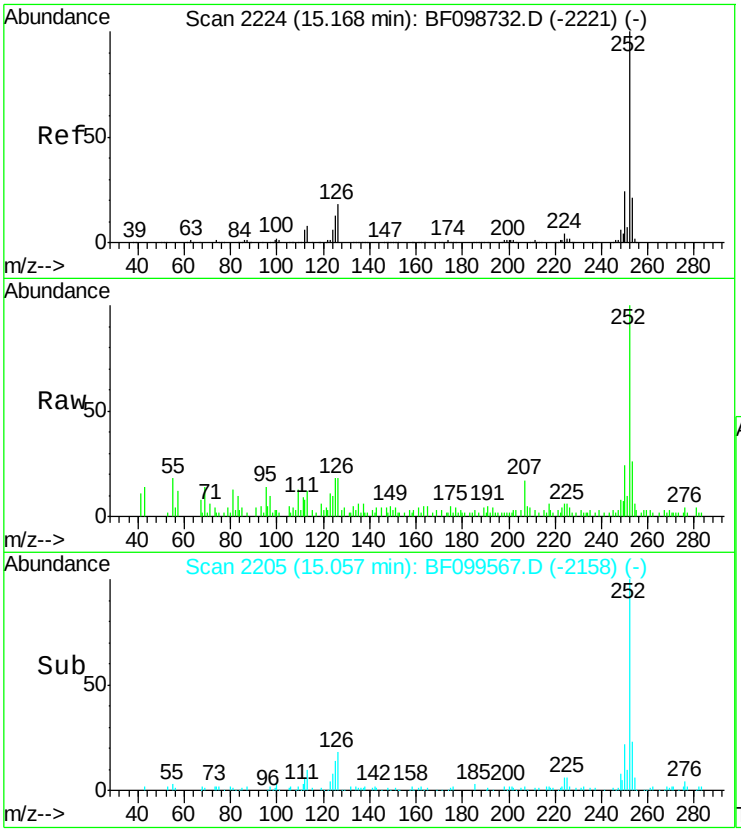


#87
Benzo(b)fluoranthene
Concen: 3.00 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Tgt Ion:252 Resp: 36113

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	18.3	9.0	13.6#





#88
Benzo(k)fluoranthene
Concen: 3.04 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF099567.D
Acq: 17 Oct 2017 1:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36113

Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.9	26.9
125	18.3	10.2	15.2#