Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099897.D
Acq On : 28 Oct 2017 1:31
Operator : SJ/JU
Sample : I6029-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 28 03:52:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	96196	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	390536	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	176304	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	280614	20.00	ng		0.00
75) Chrysene-d12	13.99	240	174028	20.00	ng		0.00
86) Perylene-d12	15.46	264	188654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	474790	77.49	ng		0.00
7) Phenol-d6	6.44	99	580217	79.86	ng		0.00
23) Nitrobenzene-d5	7.36	82	326821	53.88	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	116667	72.61	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	662010	57.93	ng		0.00
78) Terphenyl-d14	12.92	244	435082	54.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.57	77	8792	2.03	ng		91
10) Phenol	6.45	94	27388	3.43	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	39829	9.35	ng	#	72
25) Isophorone	7.36	82	326821	29.69	ng	#	64
49) Dimethylphthalate	9.55	163	125538	8.99	ng		99
56) 2,4-Dinitrotoluene	9.83	165	22279	6.30	ng	#	21
62) Azobenzene	10.55	77	31167	2.73	ng	#	1
66) 4-Bromophenyl-phenylether	10.63	248	7676	2.60	ng	#	1
70) Phenanthrene	11.36	178	111868	7.06	ng		97
74) Fluoranthene	12.55	202	135787	8.25	ng		96
77) Pyrene	12.78	202	120726	9.12	ng		99
80) Benzo(a)anthracene	13.97	228	47343	4.29	ng		99
82) Chrysene	14.01	228	42034	4.05	ng		100
85) Indeno(1,2,3-cd)pyrene	16.96	276	23866	2.51	ng		91
87) Benzo(b)fluoranthene	15.03	252	71829	6.03	ng	#	93
88) Benzo(k)fluoranthene	15.03	252	71829	6.39	ng	#	96
89) Benzo(a)pyrene	15.40	252	43947	4.11	ng	#	92
91) Benzo(g,h,i)perylene	17.41	276	22556	2.42	ng	#	88

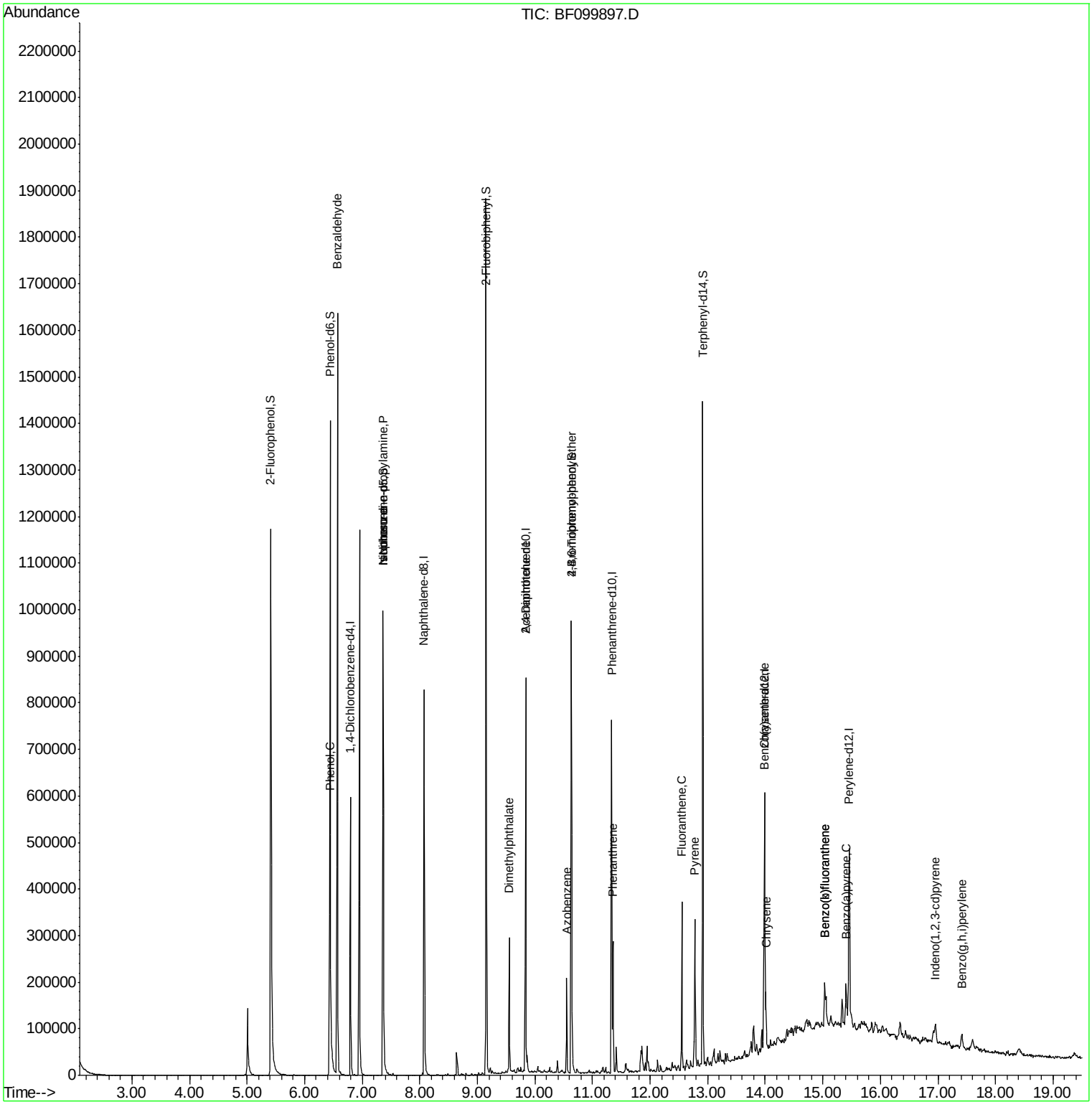
(#) = qualifier out of range (m) = manual integration (+) = signals summed

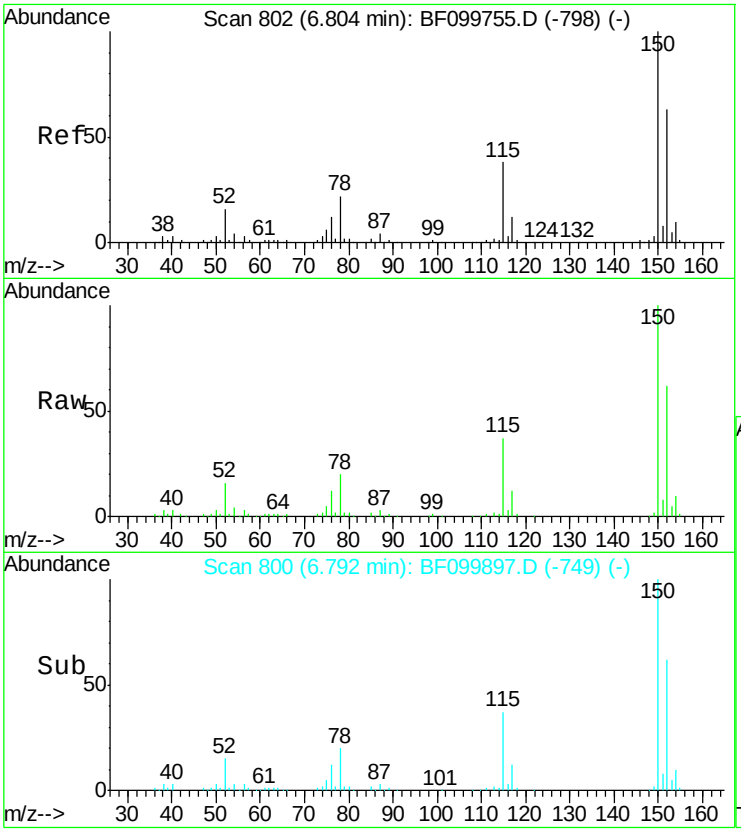
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099897.D
Acq On : 28 Oct 2017 1:31
Operator : SJ/JU
Sample : I6029-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 28 03:52:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



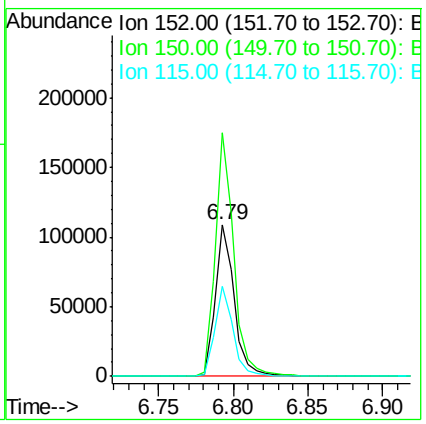


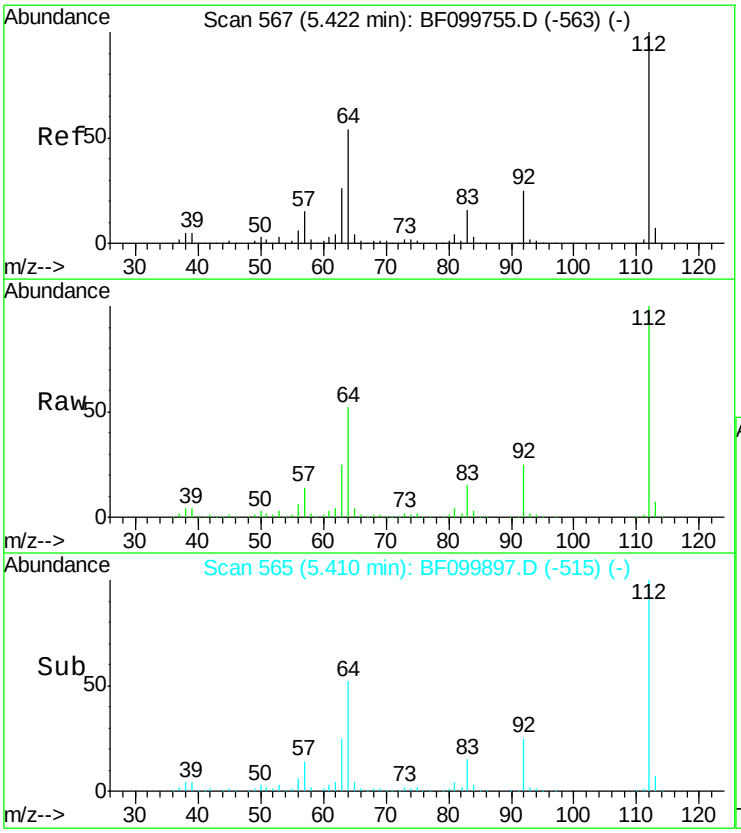
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 96196

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	59.5	50.1	75.1

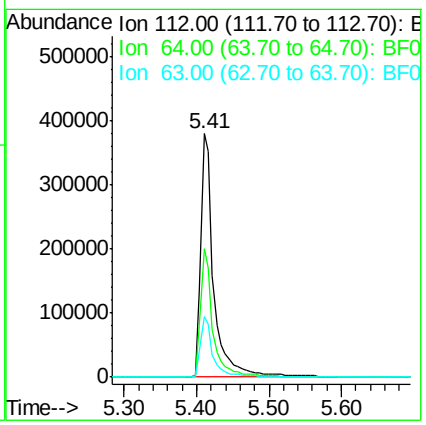


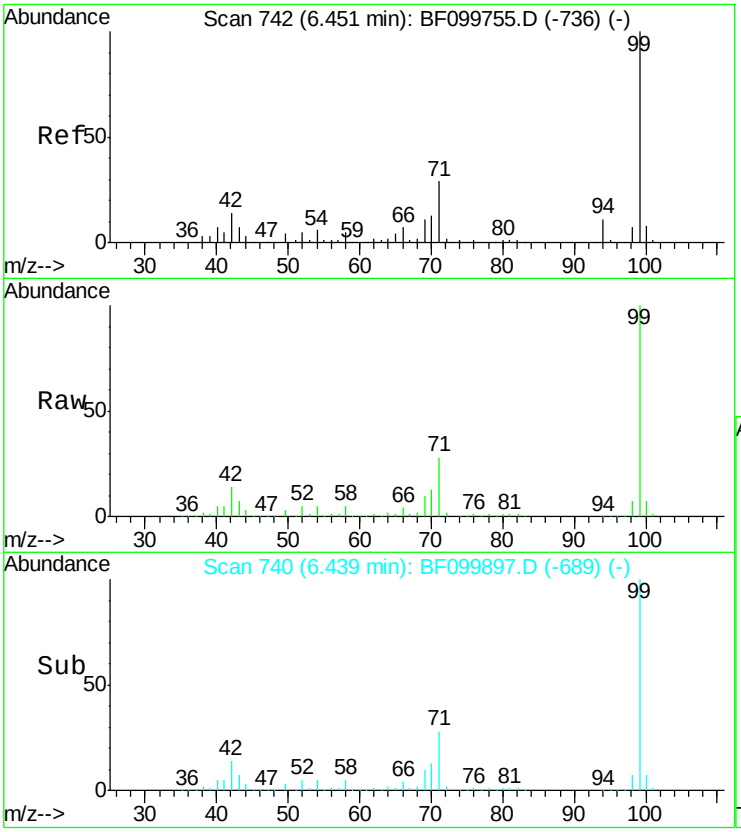


#5
2-Fluorophenol
Concen: 77.49 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:112 Resp: 474790

Ion	Ratio	Lower	Upper
112	100		
64	52.5	47.9	71.9
63	25.1	23.7	35.5



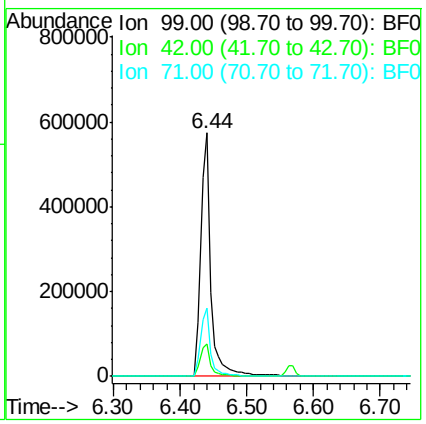


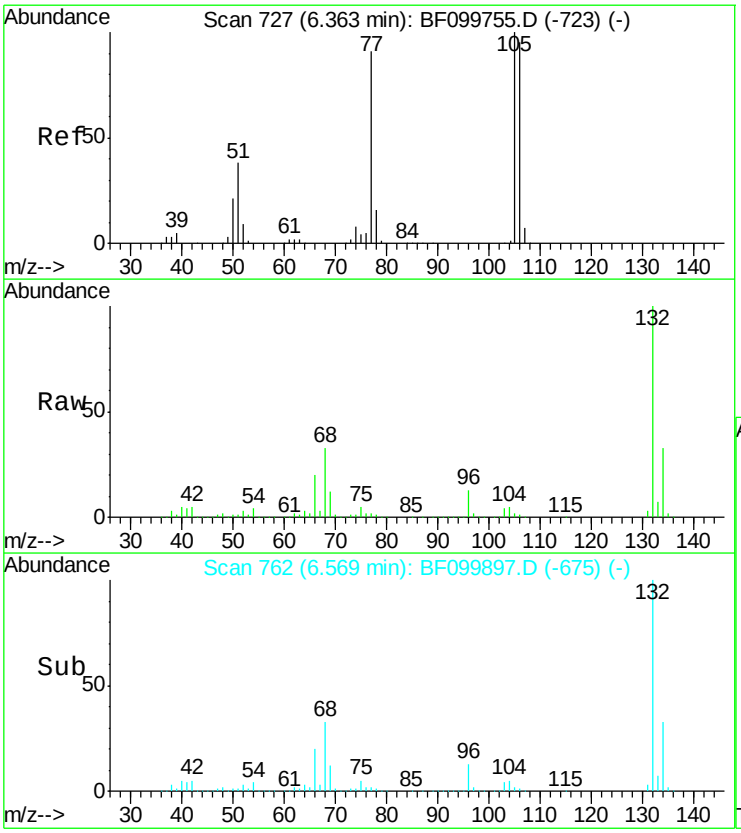
#7
Phenol-d6
Concen: 79.86 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 580217

Ion	Ratio	Lower	Upper
99	100		
42	13.6	14.5	21.7#
71	28.0	25.4	38.0

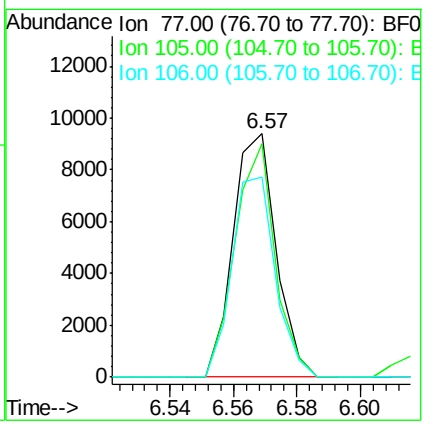


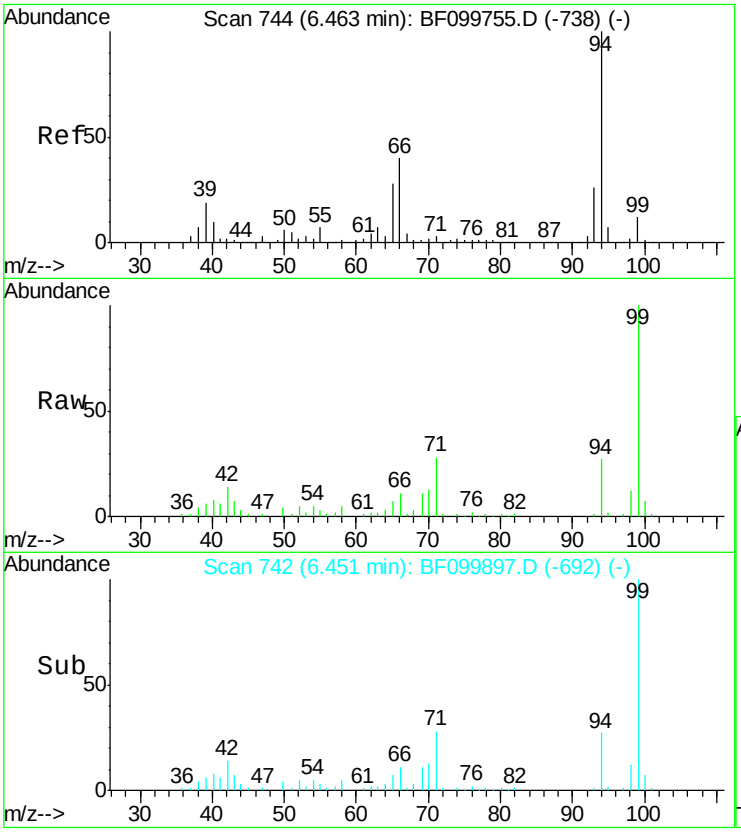


#9
Benzaldehyde
Concen: 2.03 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.21 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion: 77 Resp: 8792

Ion	Ratio	Lower	Upper
77	100		
105	96.0	81.1	121.1
106	82.4	74.5	114.5



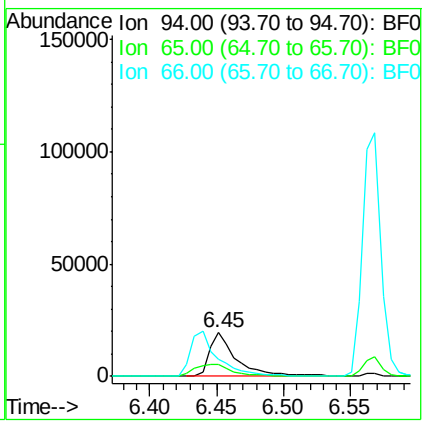


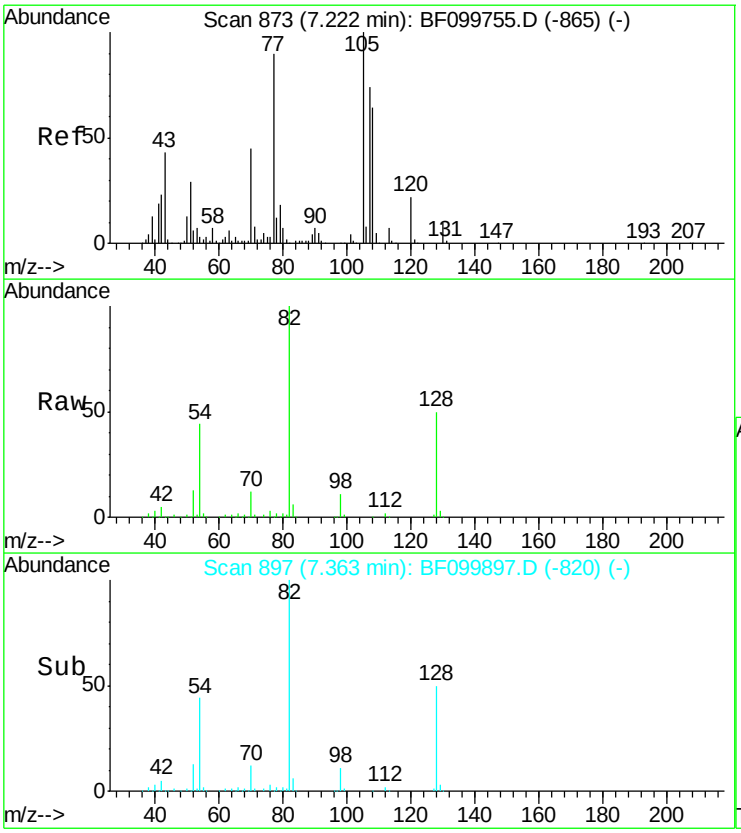
#10
Phenol
Concen: 3.43 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 27388

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	40.4	16.2	56.2

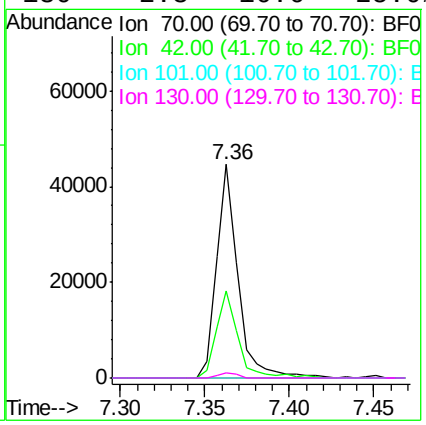


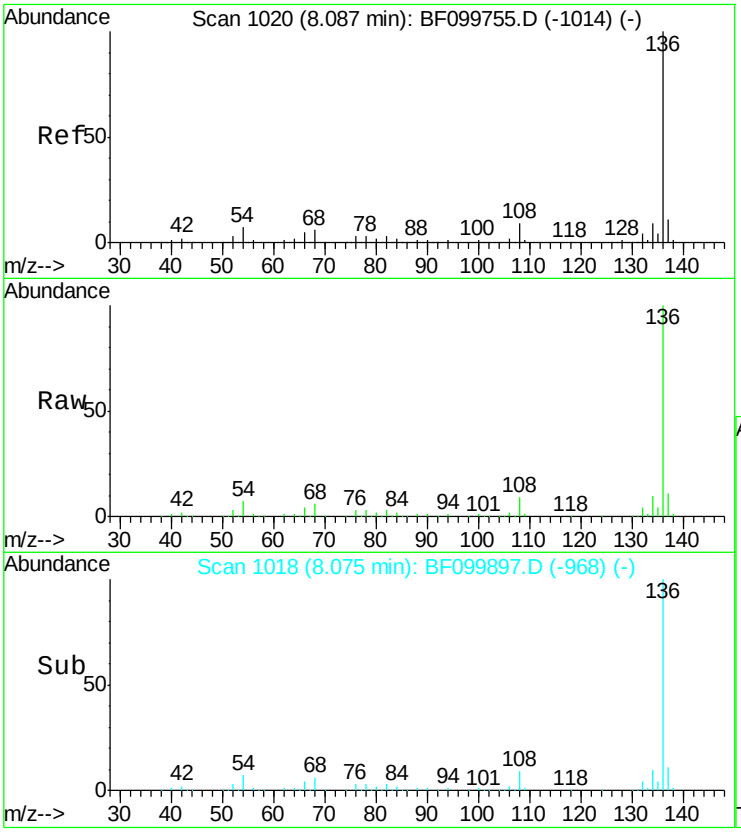


#19
n-Nitroso-di-n-propylamine
Concen: 9.35 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion: 70 Resp: 39829

Ion	Ratio	Lower	Upper
70	100		
42	40.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



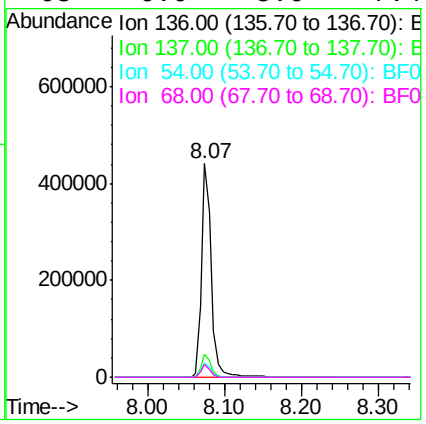


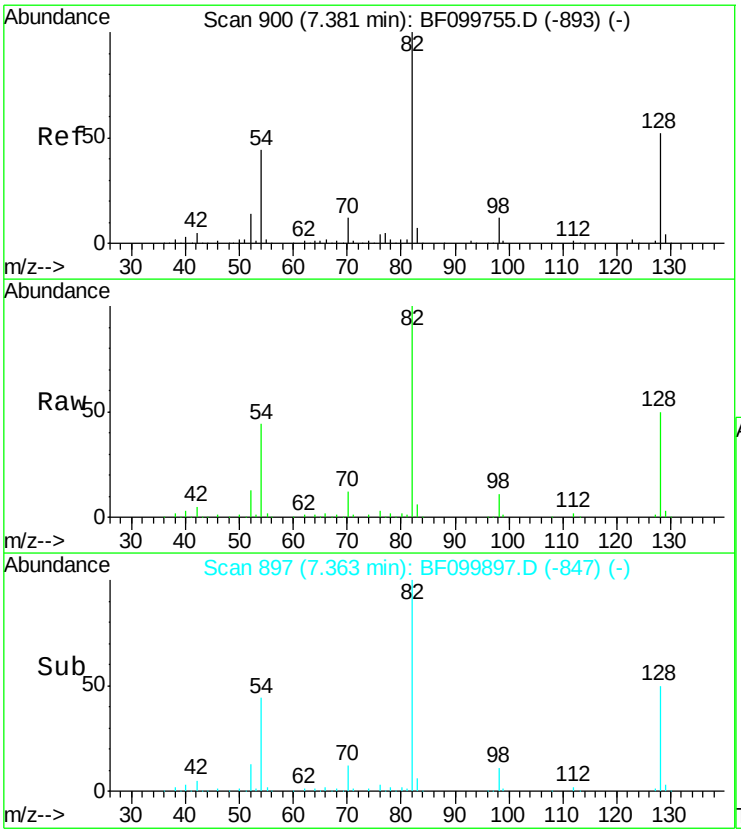
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 390536

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.6	6.6	9.8
68	6.0	5.0	7.4

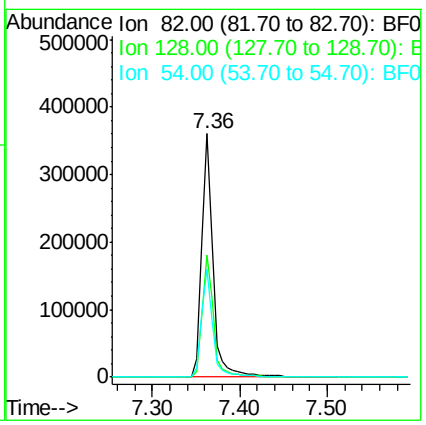


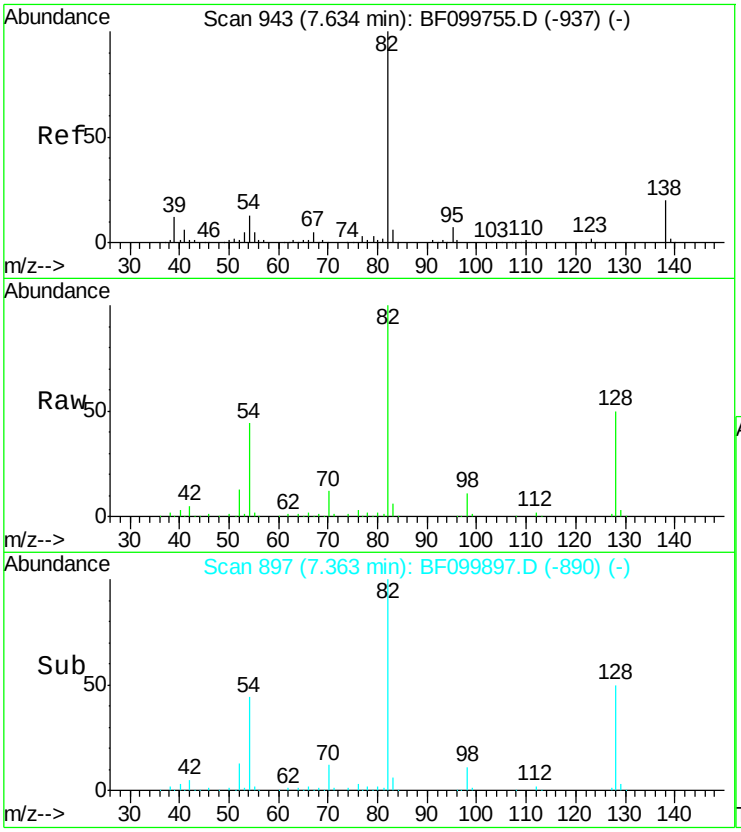


#23
Nitrobenzene-d5
Concen: 53.88 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion: 82 Resp: 326821

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	44.3	41.4	62.2



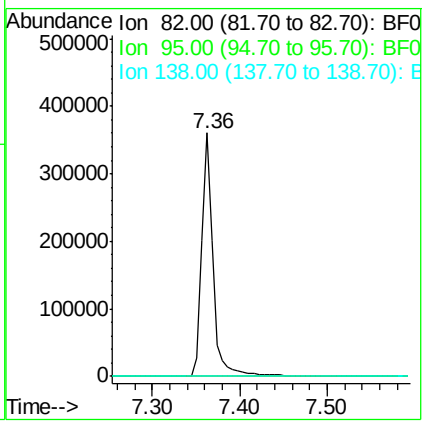


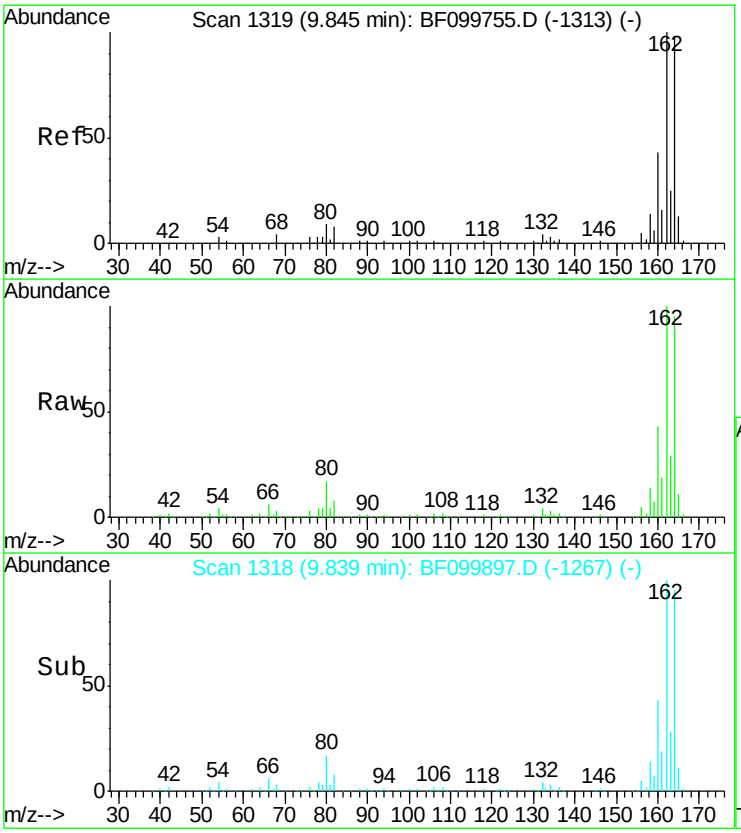
#25
Isophorone
Concen: 29.69 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 326821

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

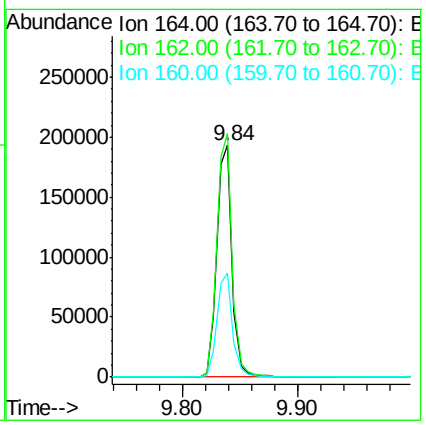


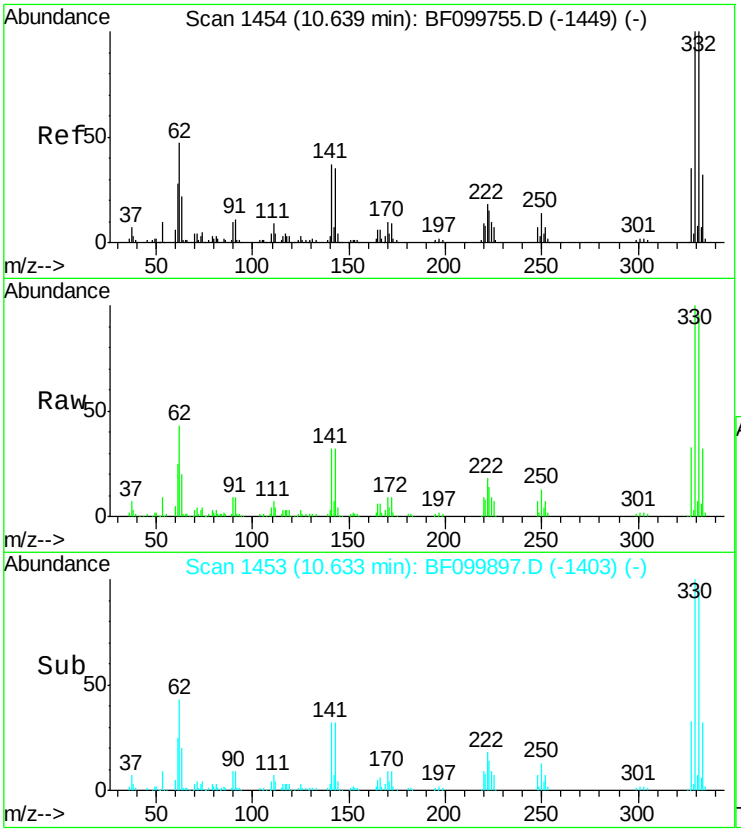


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:164 Resp: 176304

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.1	38.3	57.5



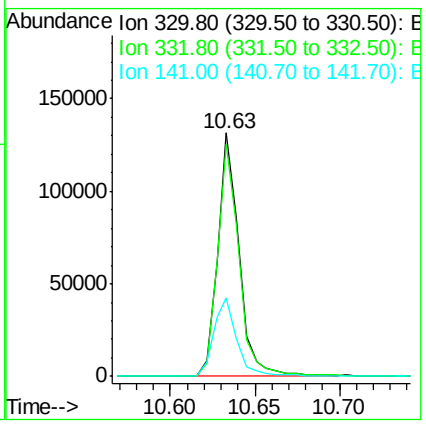


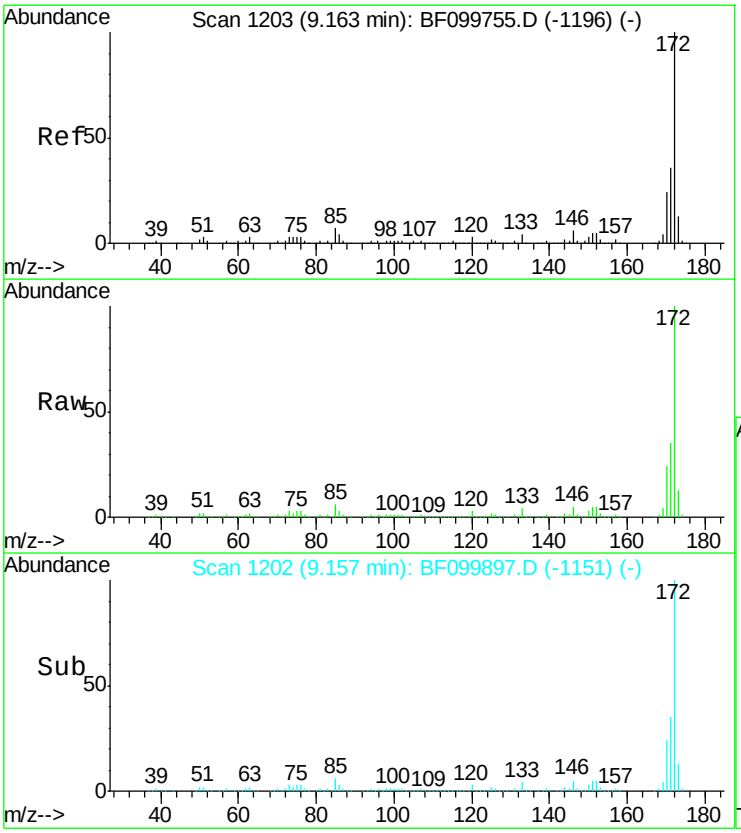
#41
2,4,6-Tribromophenol
Concen: 72.61 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 116667

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.9	29.9	44.9

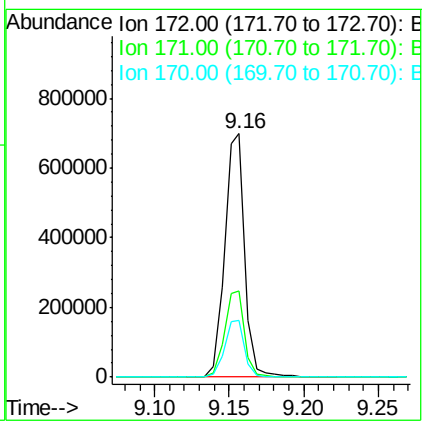


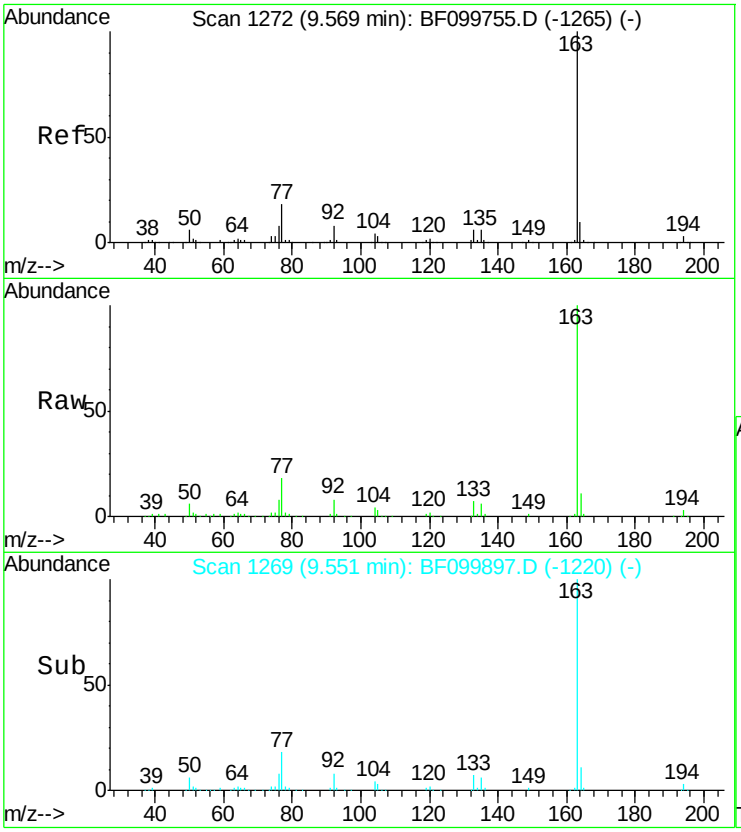


#44
2-Fluorobiphenyl
Concen: 57.93 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:172 Resp: 662010

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4



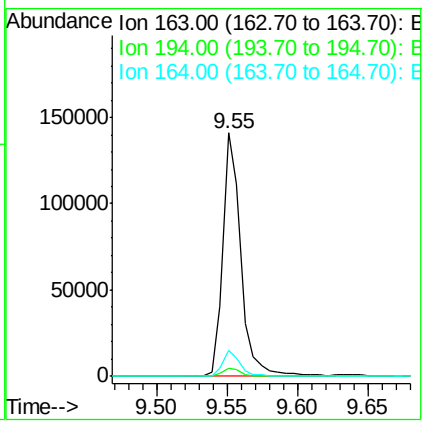


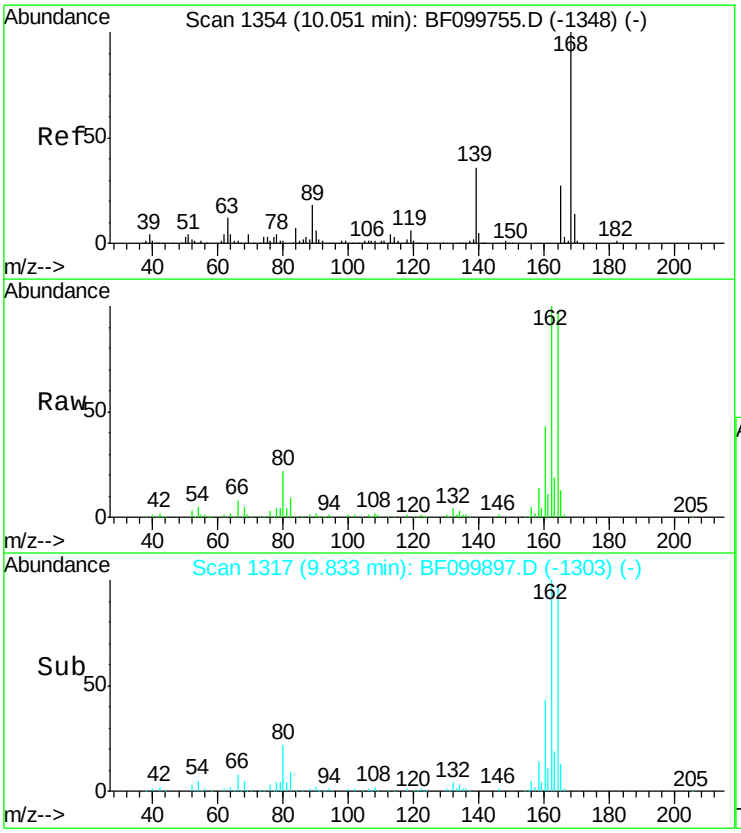
#49
Dimethylphthalate
Concen: 8.99 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 125538

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.5	8.2	12.2

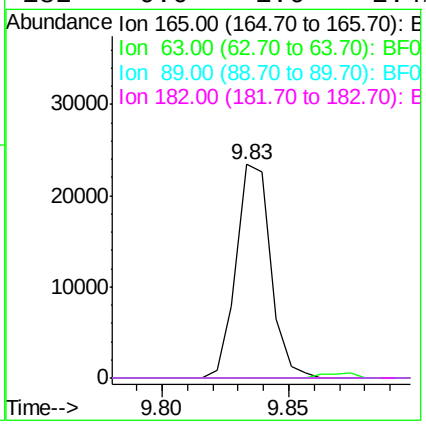


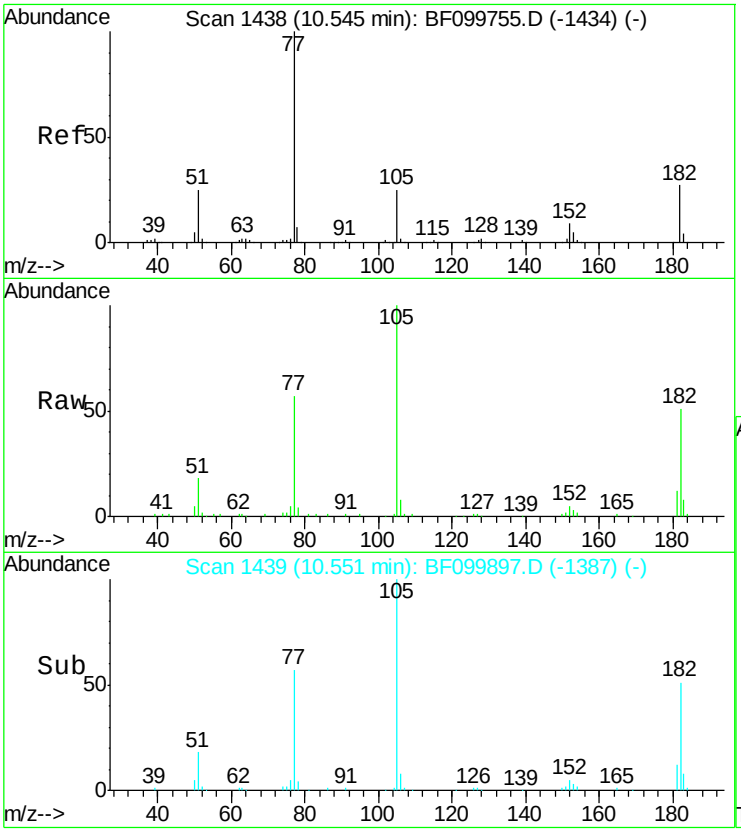


#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:165 Resp: 22279

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



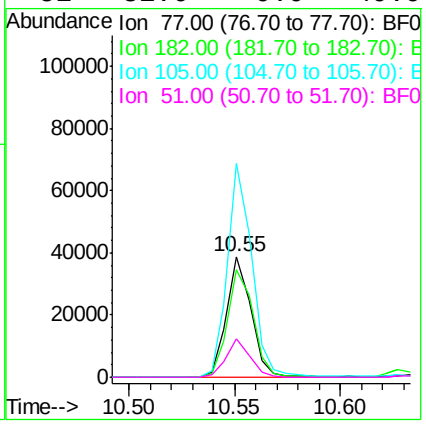


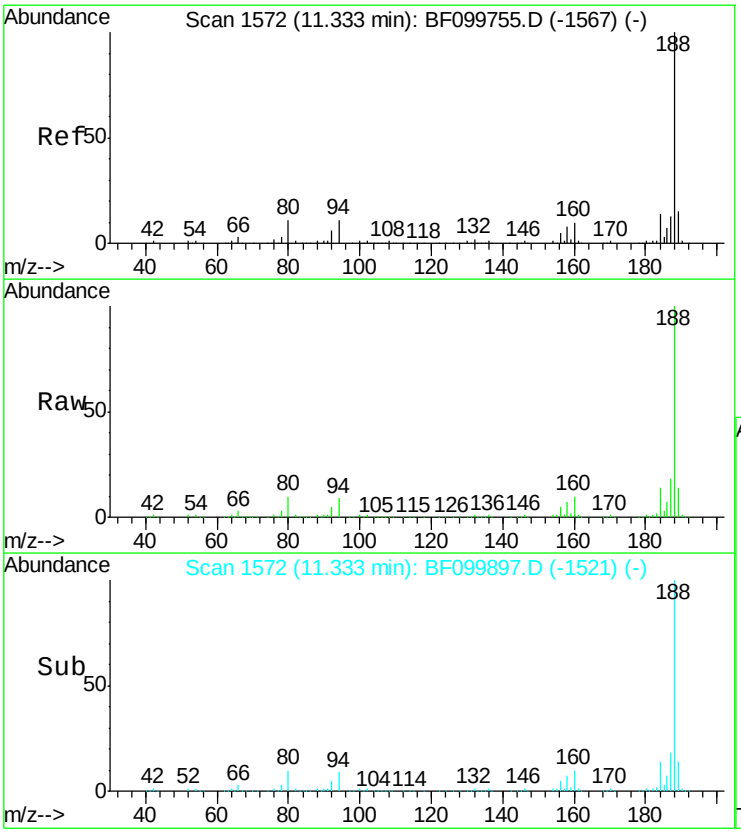
#62
Azobenzene
Concen: 2.73 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 31167

Ion	Ratio	Lower	Upper
77	100		
182	89.3	1.7	41.7#
105	176.6	3.0	43.0#
51	31.6	9.9	49.9

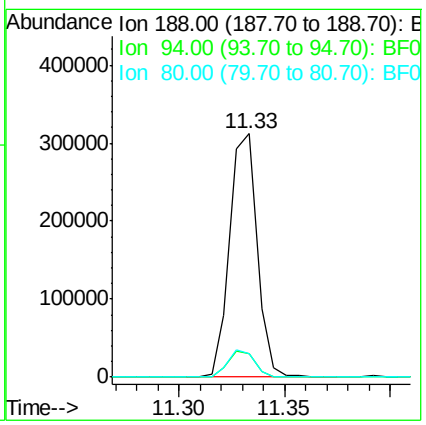


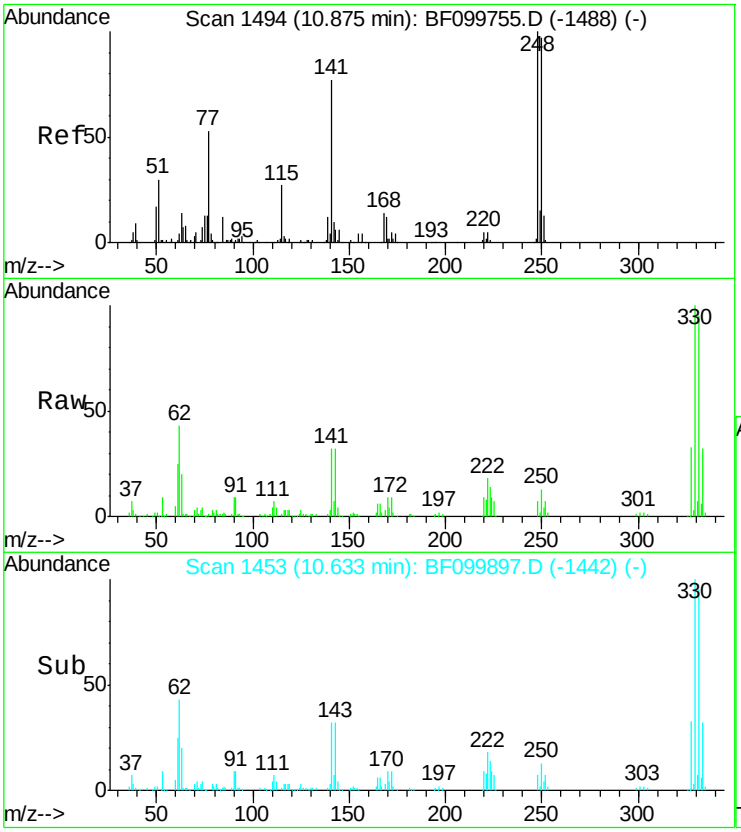


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:188 Resp: 280614

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.6	9.2	13.8



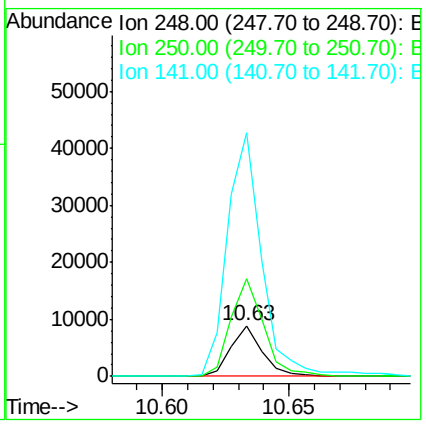


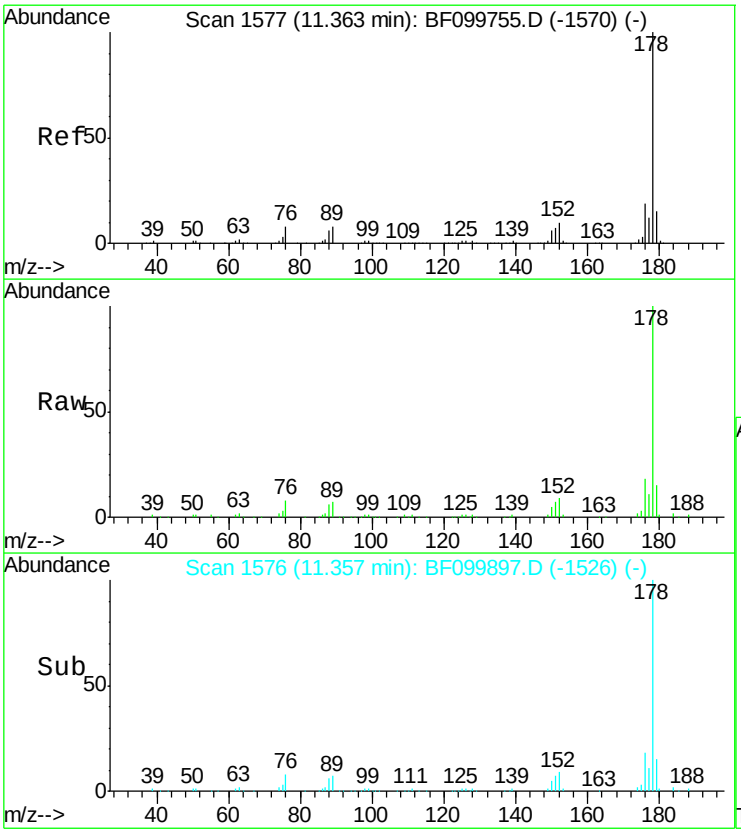
#66
4-Bromophenyl-phenylether
Concen: 2.60 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7676

Ion	Ratio	Lower	Upper
248	100		
250	191.8	76.9	115.3#
141	481.2	74.4	111.6#

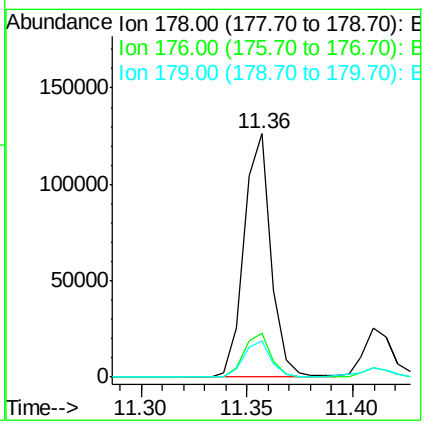


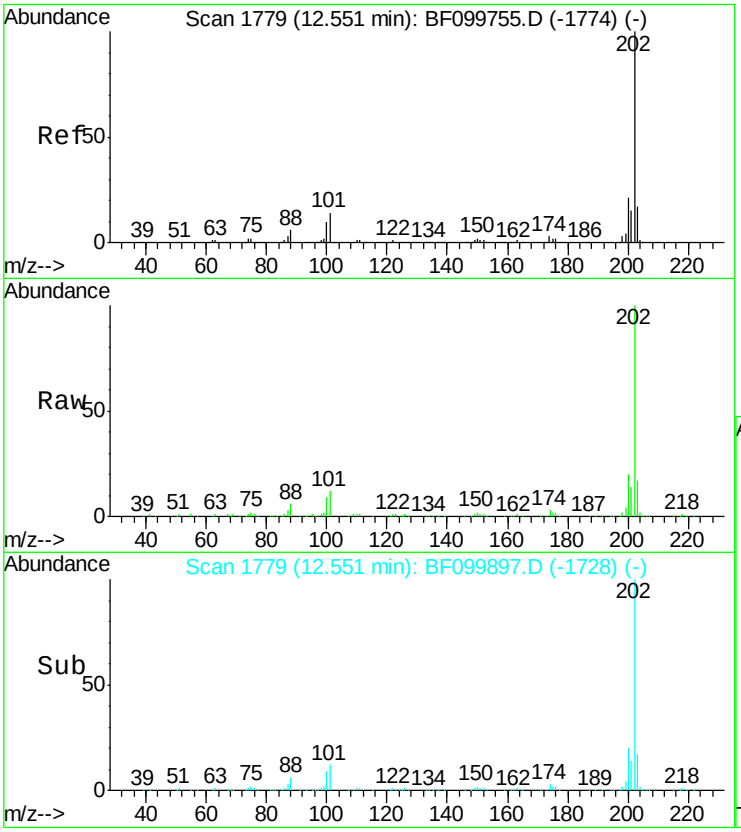


#70
Phenanthrene
Concen: 7.06 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:178 Resp: 111868

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	14.9	13.0	19.6



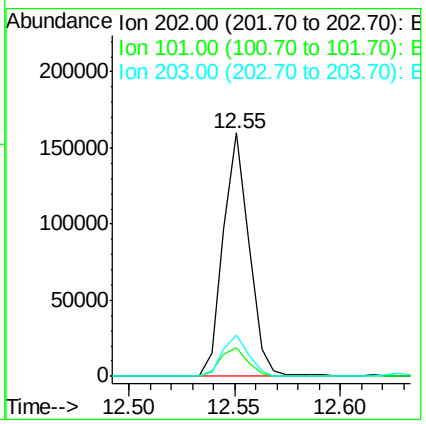


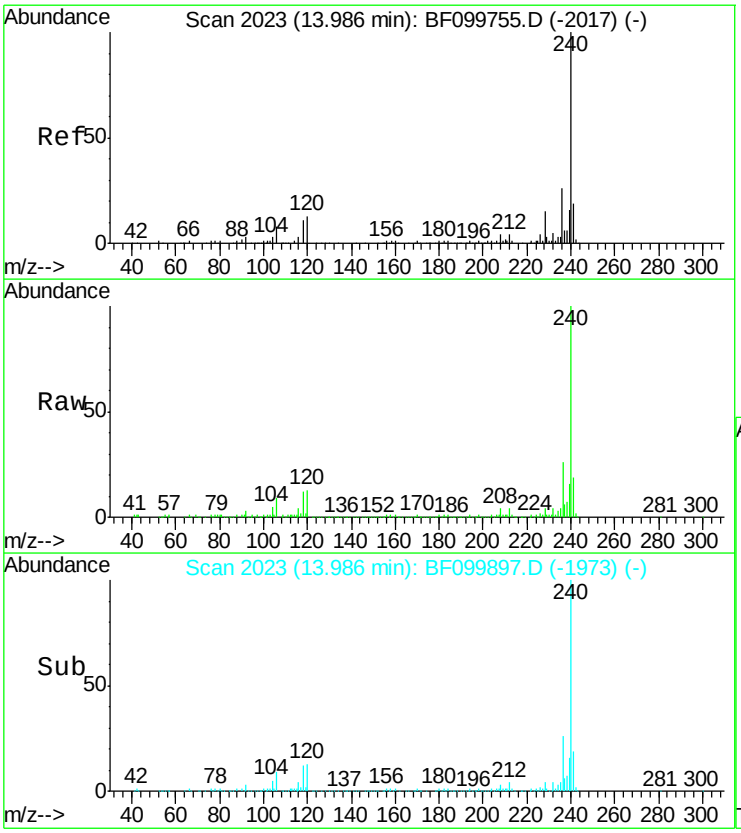
#74
Fluoranthene
Concen: 8.25 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 135787

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	16.9	0.0	38.1

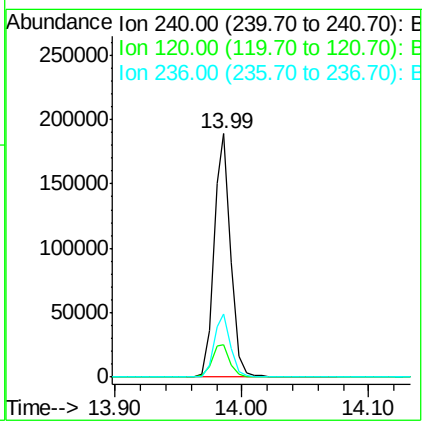


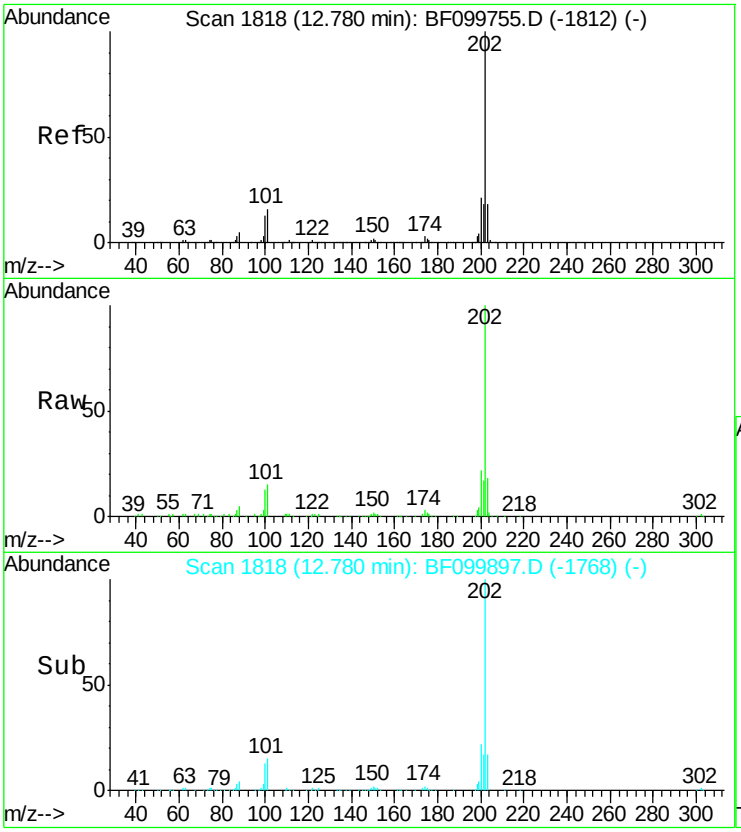


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:240 Resp: 174028

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.5	14.3
236	25.9	20.7	31.1



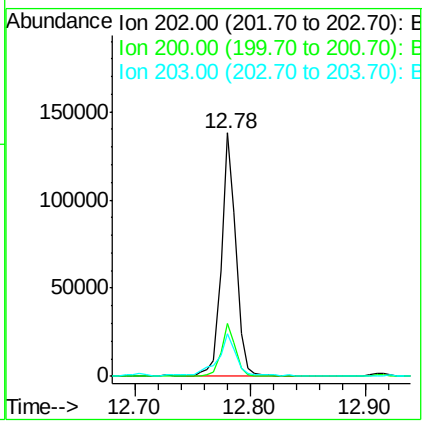


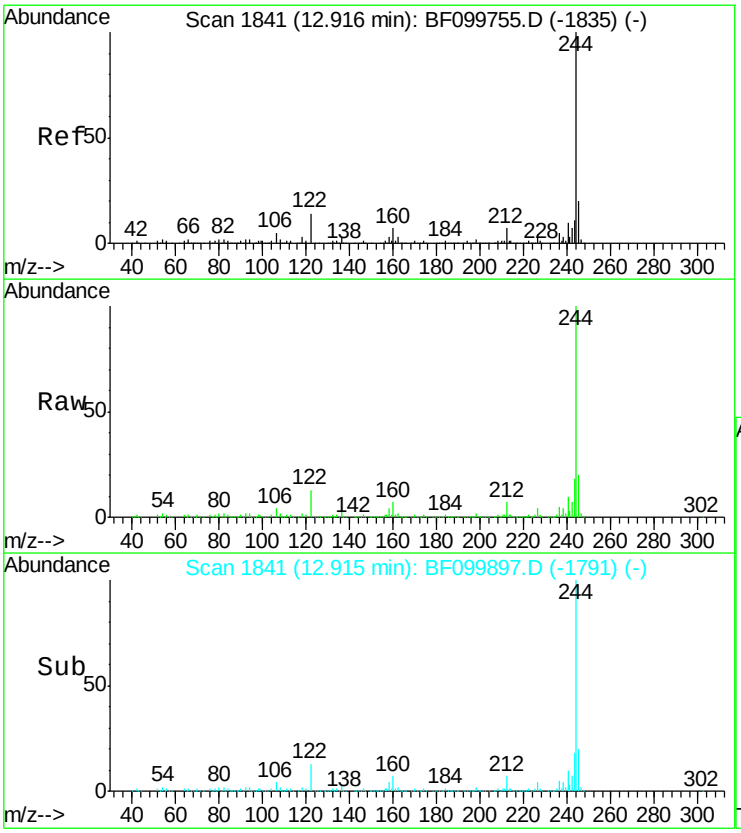
#77
Pyrene
Concen: 9.12 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 120726

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.5	14.3	21.5

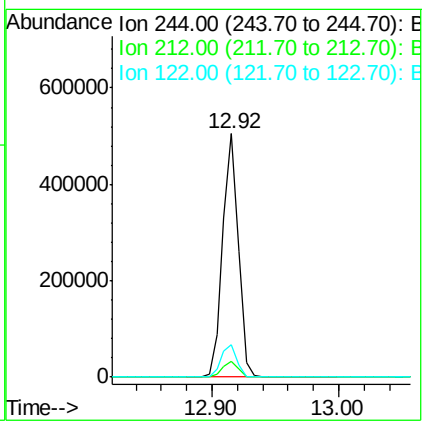


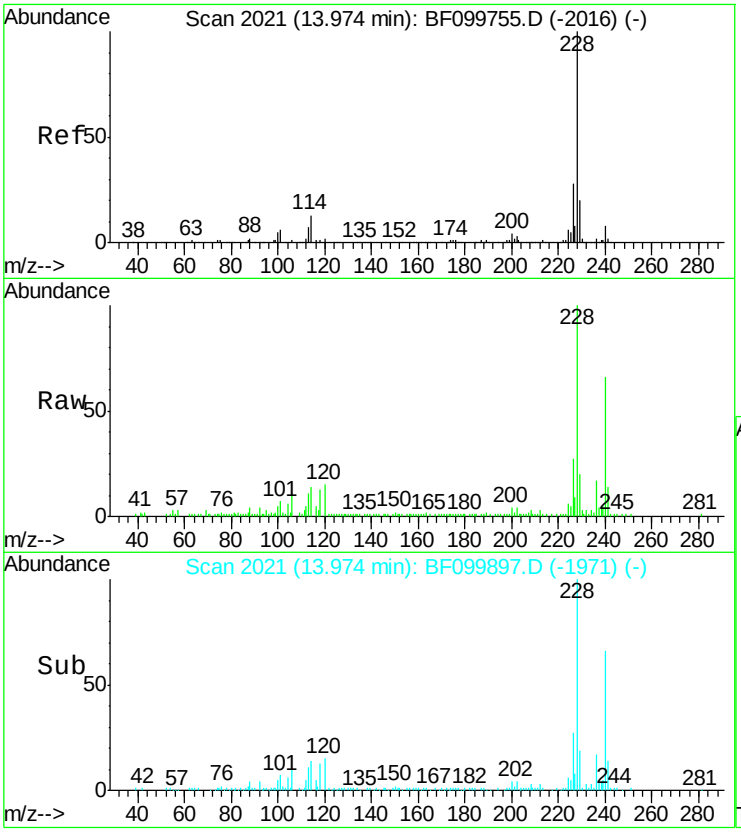


#78
Terphenyl-d14
Concen: 54.64 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:244 Resp: 435082

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4



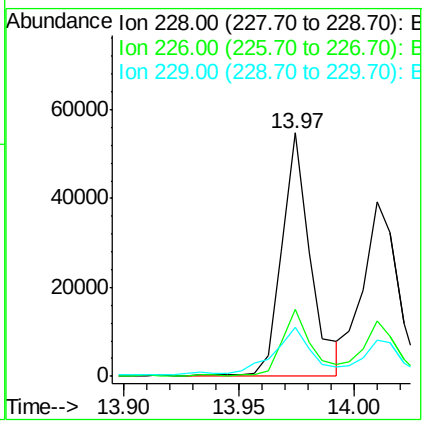


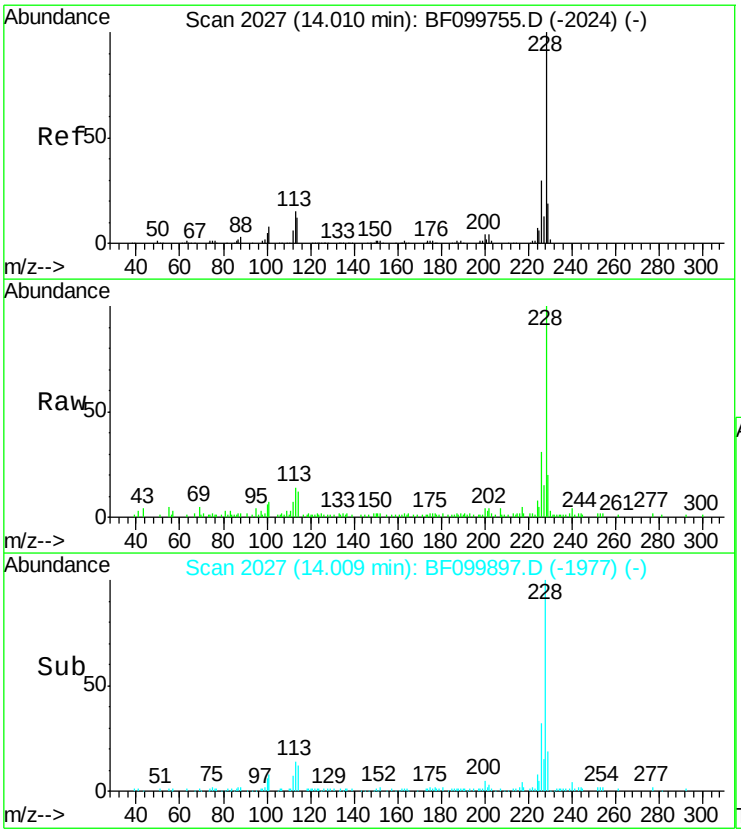
#80
Benzo(a)anthracene
Concen: 4.29 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 47343

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	20.0	15.8	23.6

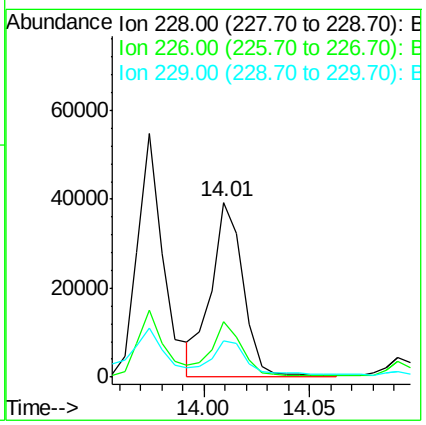


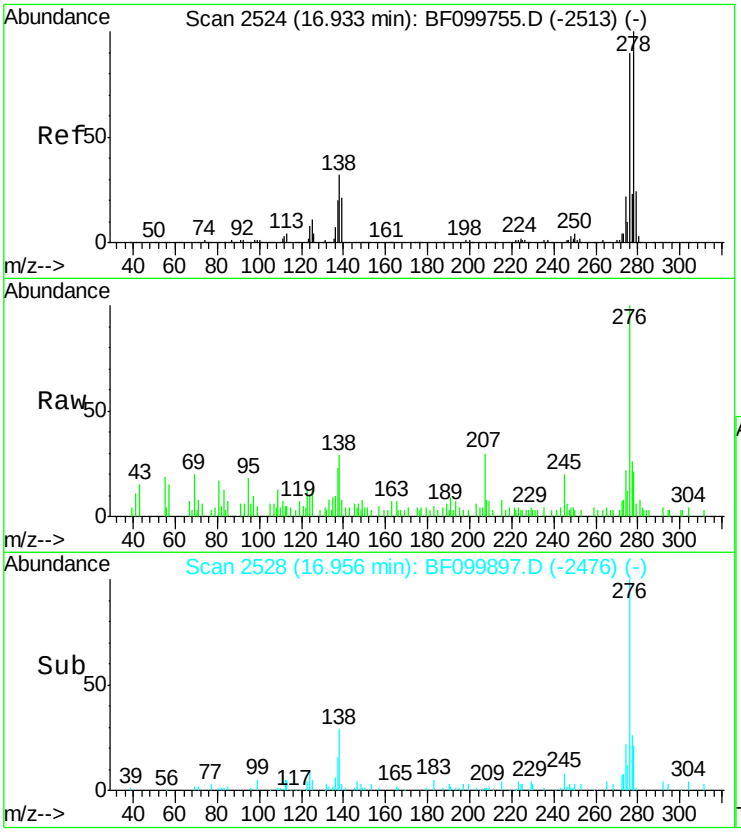


#82
Chrysene
Concen: 4.05 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:228 Resp: 42034

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.5	16.2	24.4



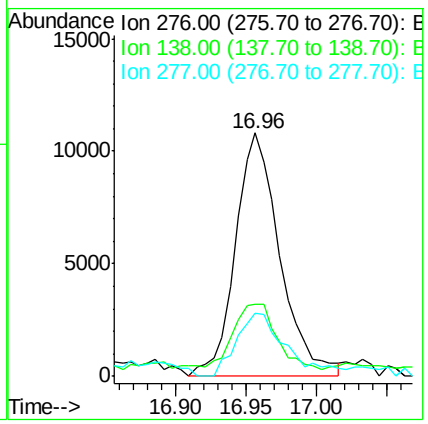


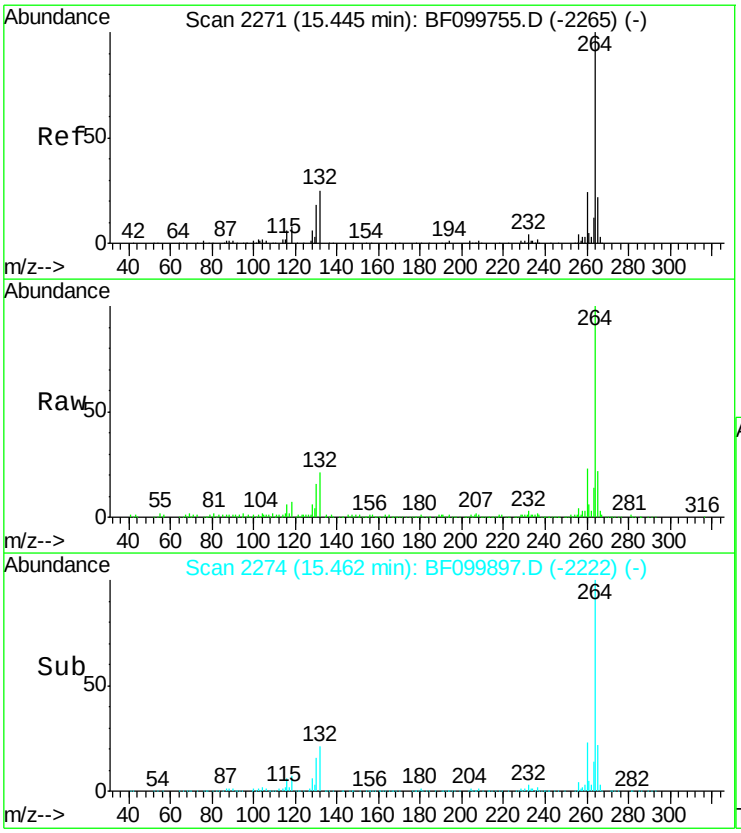
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.51 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23866

Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	29.0	20.1	30.1

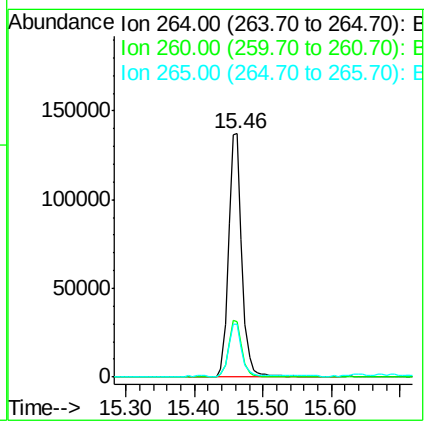


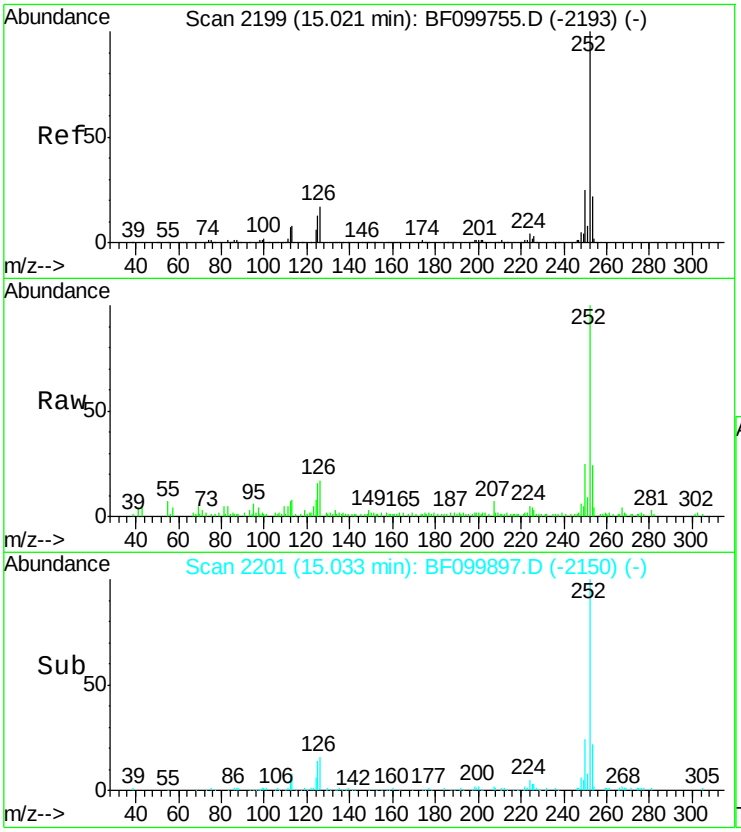


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:264 Resp: 188654

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.9	17.5	26.3



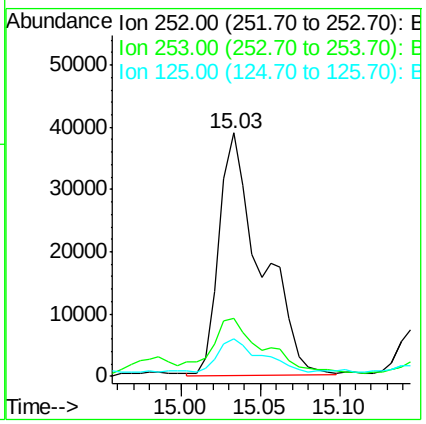


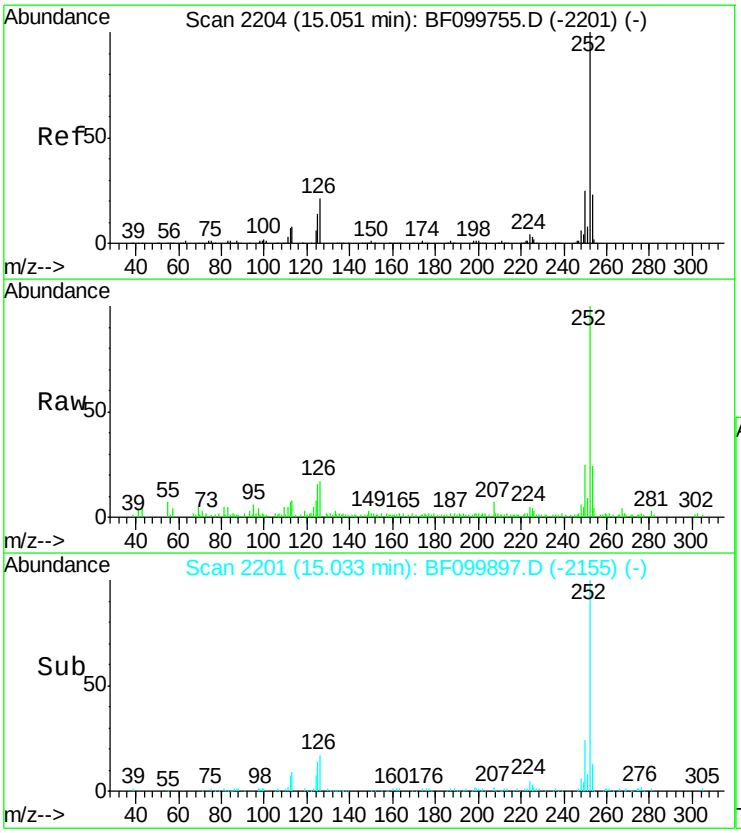
#87
Benzo(b)fluoranthene
Concen: 6.03 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71829

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	15.5	9.0	13.6#

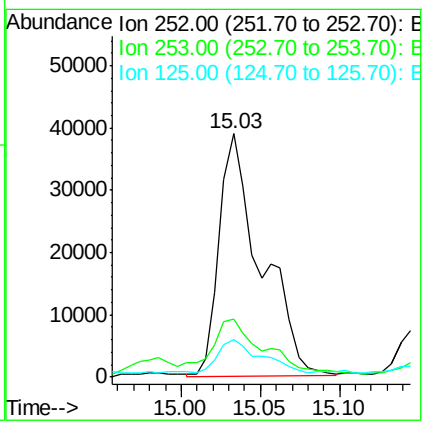


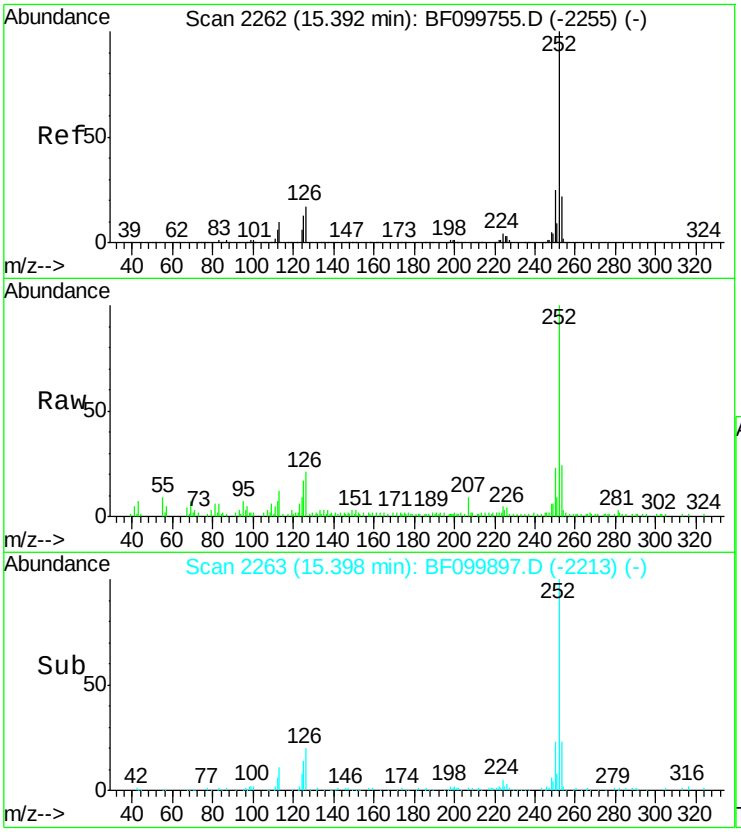


#88
Benzo(k)fluoranthene
Concen: 6.39 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:252 Resp: 71829

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	15.5	10.2	15.2#



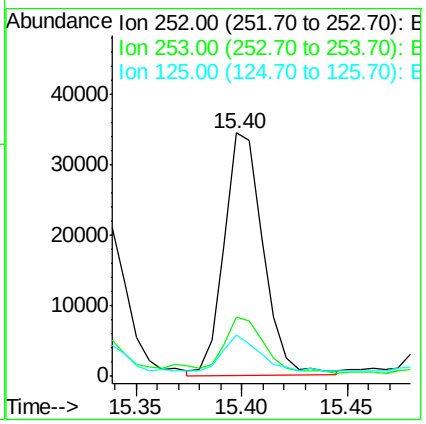


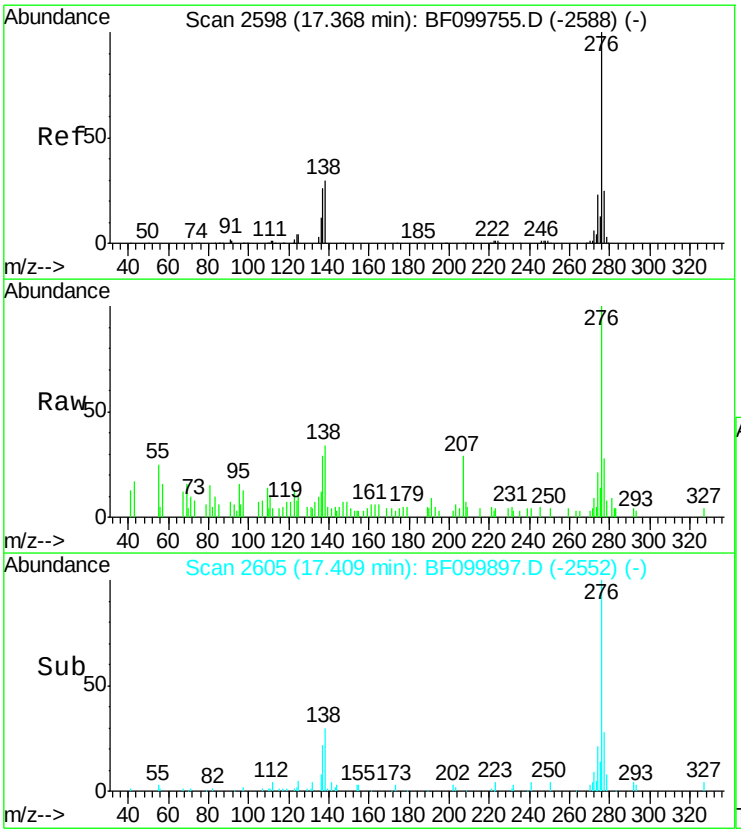
#89
Benzo(a)pyrene
Concen: 4.11 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 43947

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	16.9	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BF099897.D
Acq: 28 Oct 2017 1:31

Tgt Ion:276 Resp: 22556

Ion	Ratio	Lower	Upper
276	100		
277	28.2	17.9	26.9#
138	33.9	21.8	32.8#