Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099322.D
Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
Sample : I5745-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 11 02:13:09 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	94321	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	334792	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	126524	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	209505	20.00	ng		0.00
75) Chrysene-d12	14.03	240	200520	20.00	ng		0.00
86) Perylene-d12	15.50	264	143917	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	152367	25.72	ng		0.00
7) Phenol-d6	6.49	99	172178	23.56	ng		-0.01
23) Nitrobenzene-d5	7.42	82	92217	17.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	24031	23.21	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	174984	23.09	ng		-0.01
78) Terphenyl-d14	12.97	244	146421	16.61	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	11160	2.39	ng	#	80
25) Isophorone	7.42	82	92215	8.54	ng	#	64
49) Dimethylphthalate	9.61	163	27700	2.90	ng		99
50) 2,6-Dinitrotoluene	9.90	165	16392	7.88	ng	#	24
56) 2,4-Dinitrotoluene	9.90	165	16392	6.08	ng	#	21
70) Phenanthrene	11.41	178	70140	6.25	ng		97
74) Fluoranthene	12.60	202	127263	11.21	ng		95
77) Pyrene	12.83	202	125283	8.19	ng		99
80) Benzo(a)anthracene	14.02	228	60134	4.95	ng		96
82) Chrysene	14.06	228	60869	5.27	ng		98
87) Benzo(b)fluoranthene	15.07	252	71342	8.06	ng	#	87
88) Benzo(k)fluoranthene	15.07	252	71342	8.16	ng	#	90
89) Benzo(a)pyrene	15.44	252	36710	4.52	ng	#	93
91) Benzo(g,h,i)perylene	17.44	276	19923	3.10	ng	#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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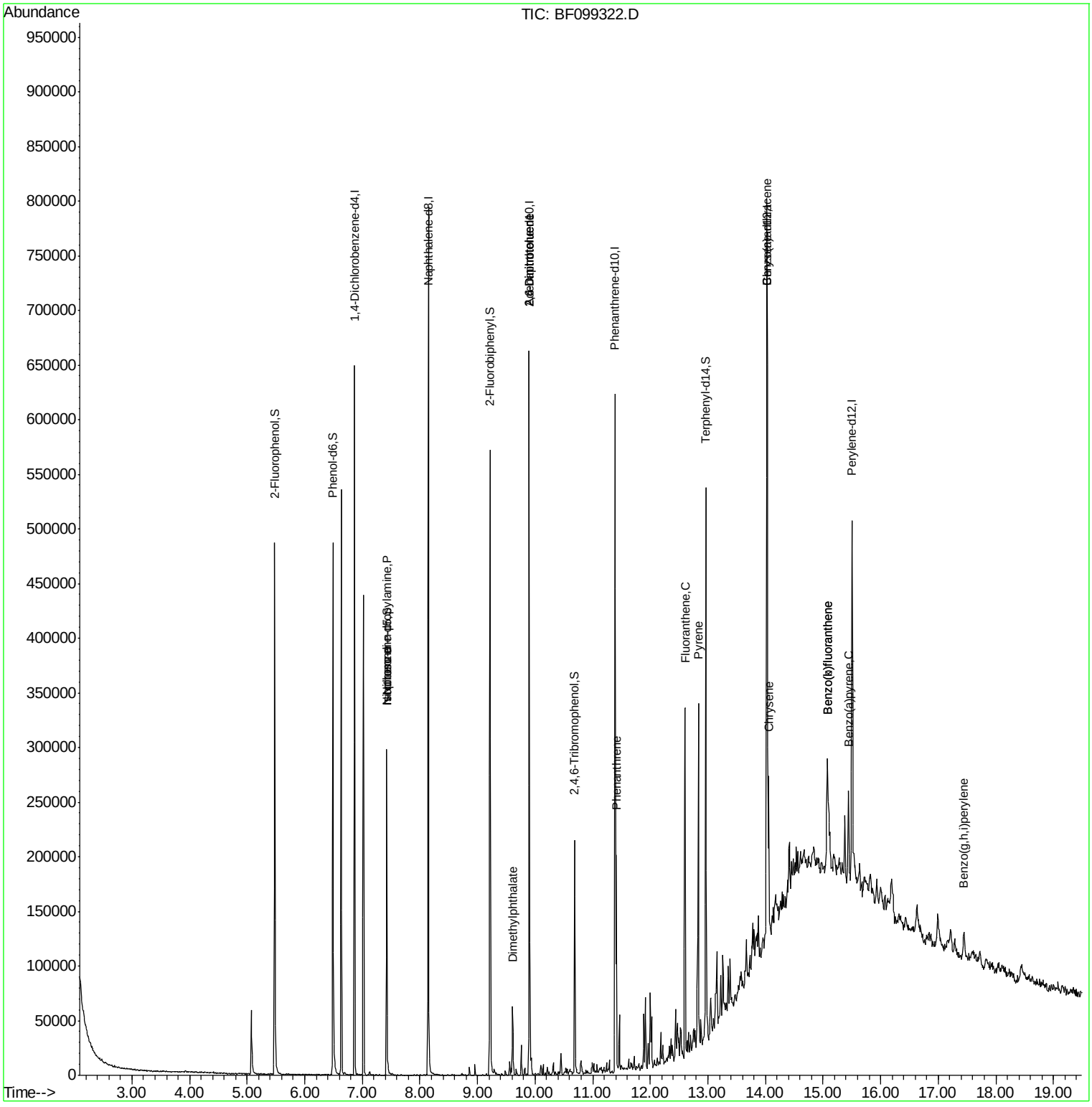
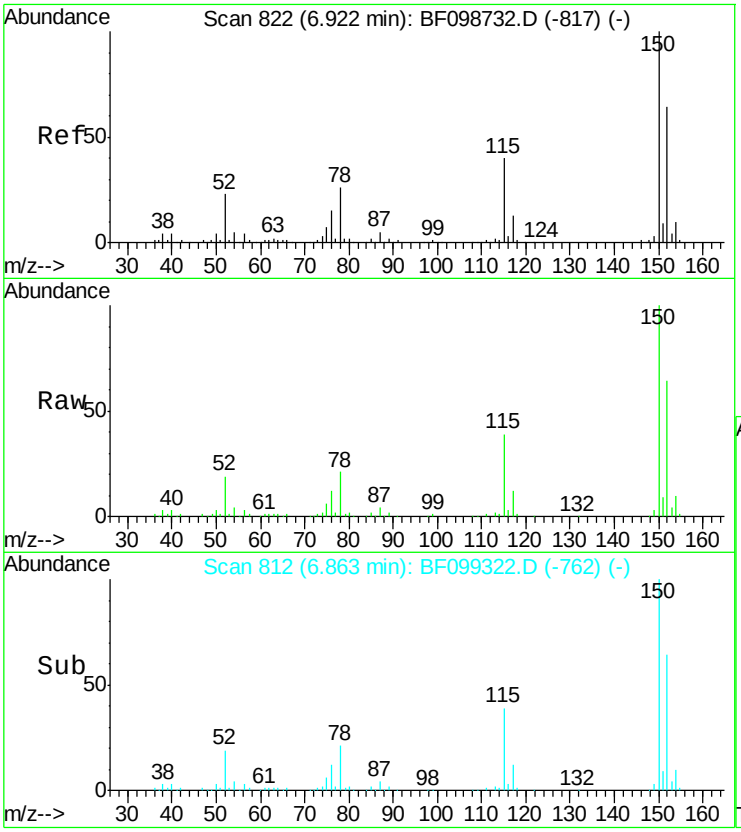
Acq On : 11 Oct 2017 1:37
Operator : SJ/JU
Sample : I5745-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 11 02:13:09 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



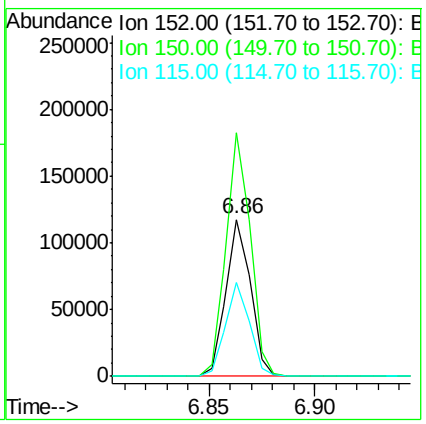


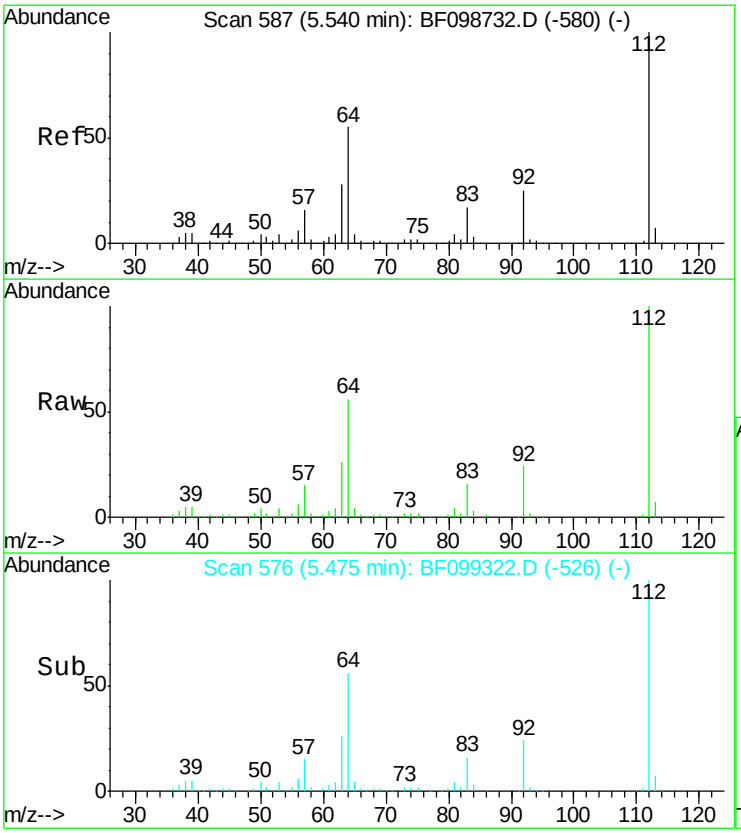
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 94321

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	60.1	50.1	75.1

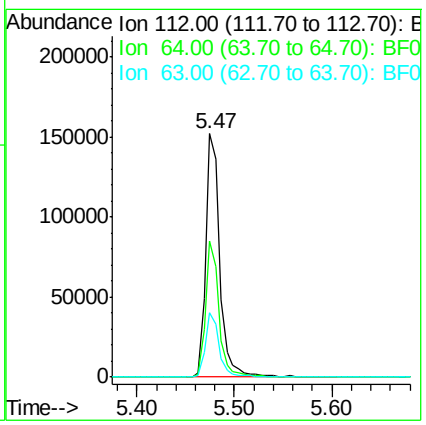


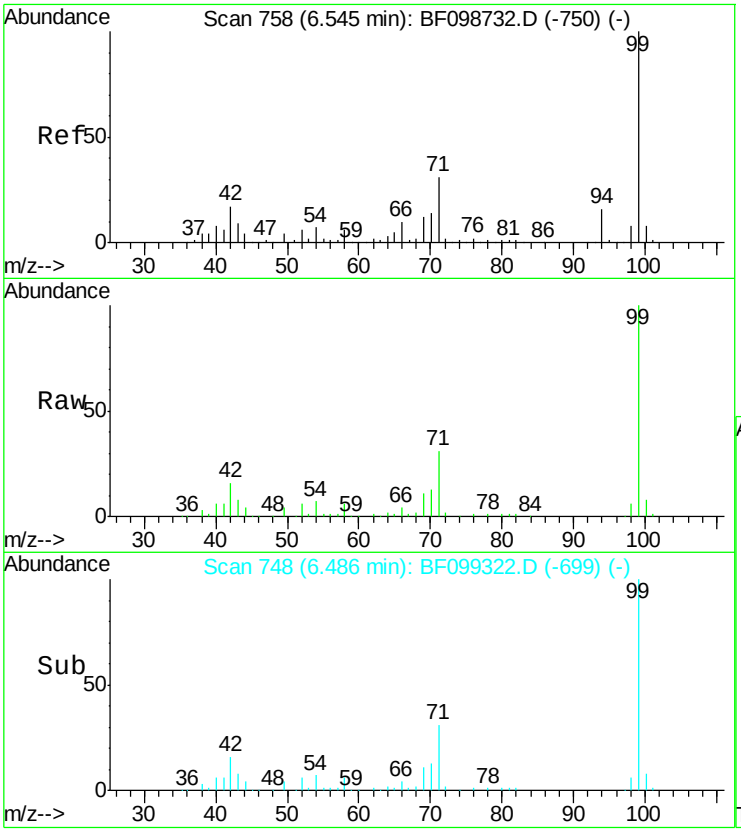


#5
2-Fluorophenol
Concen: 25.72 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:112 Resp: 152367

Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	26.4	23.7	35.5



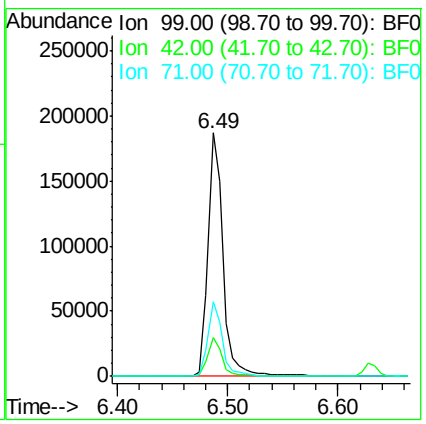


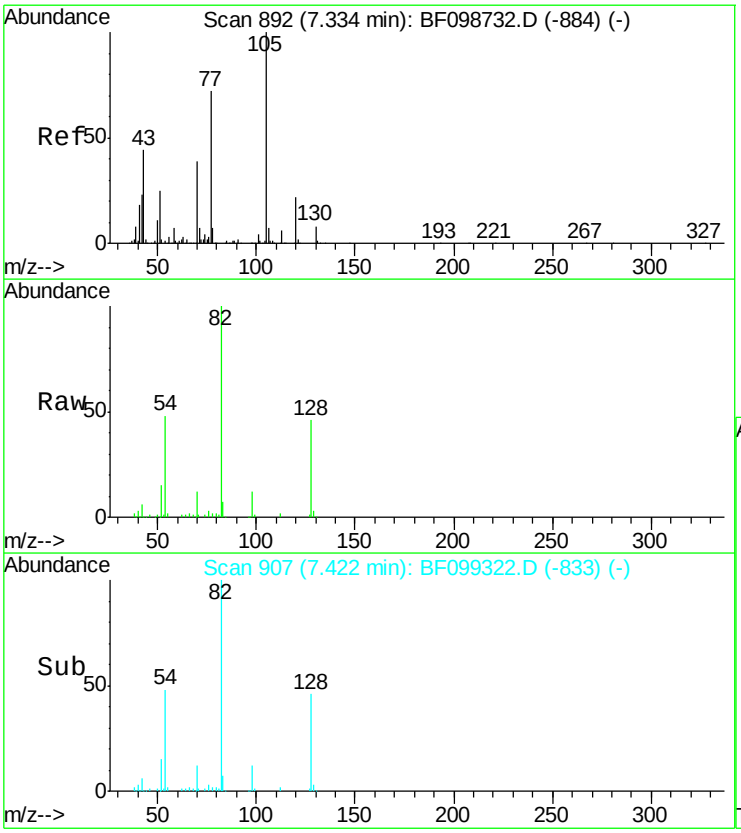
#7
Phenol-d6
Concen: 23.56 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 172178

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	30.7	25.4	38.0

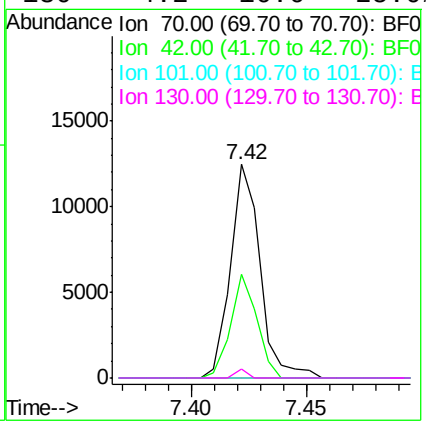


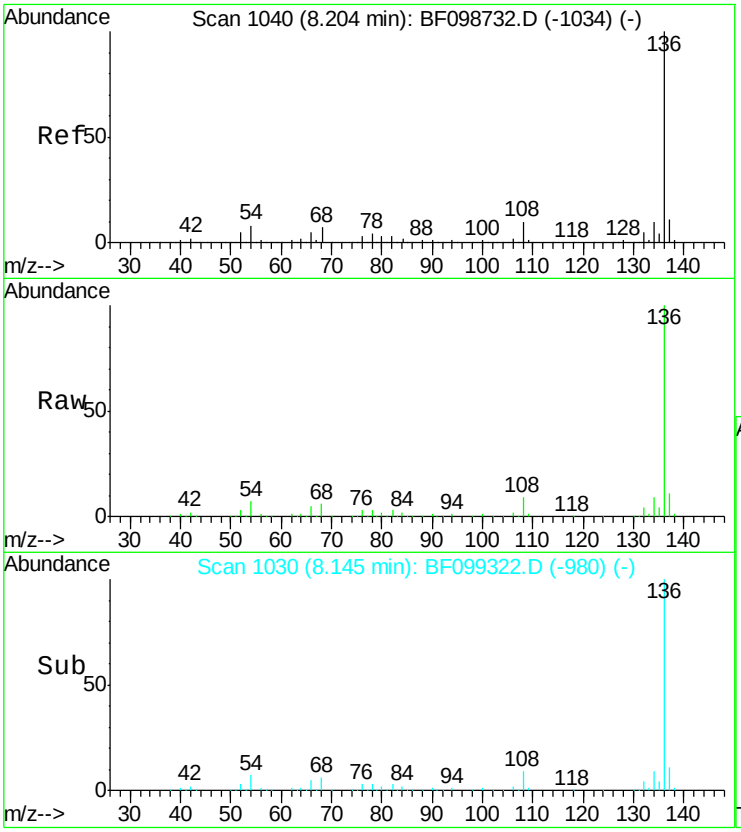


#19
n-Nitroso-di-n-propylamine
Concen: 2.39 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion: 70 Resp: 11160

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.5	71.3
101	0.0	7.4	11.2#
130	4.2	16.6	25.0#



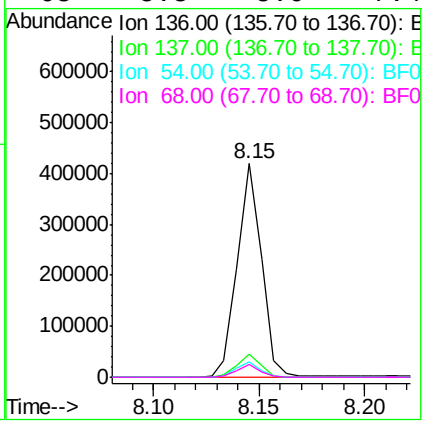


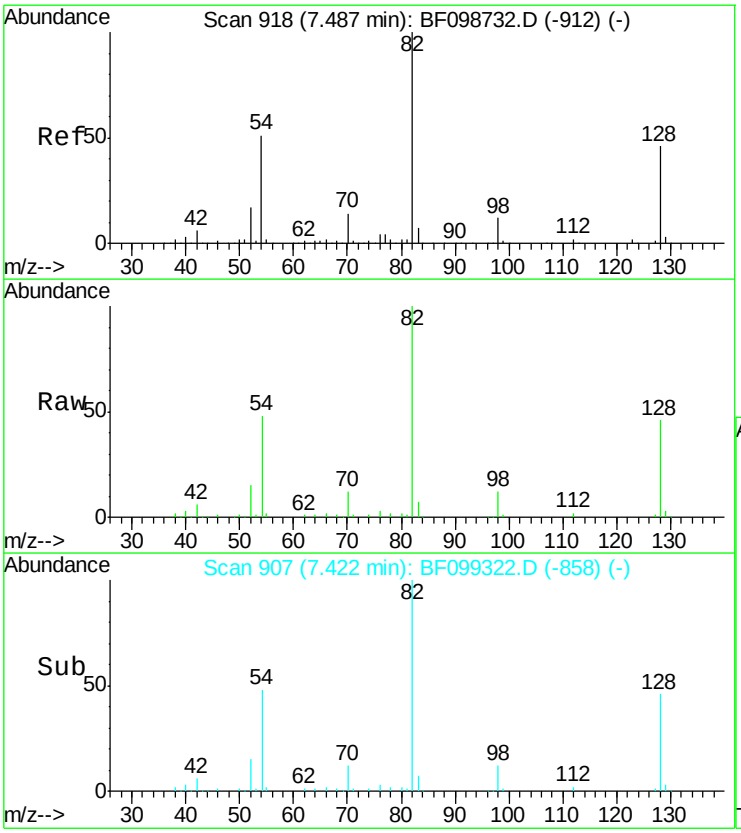
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 334792

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.8	5.0	7.4

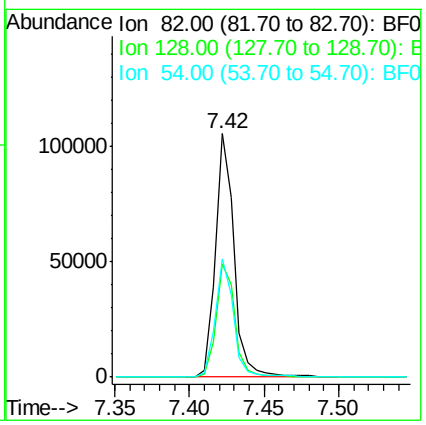


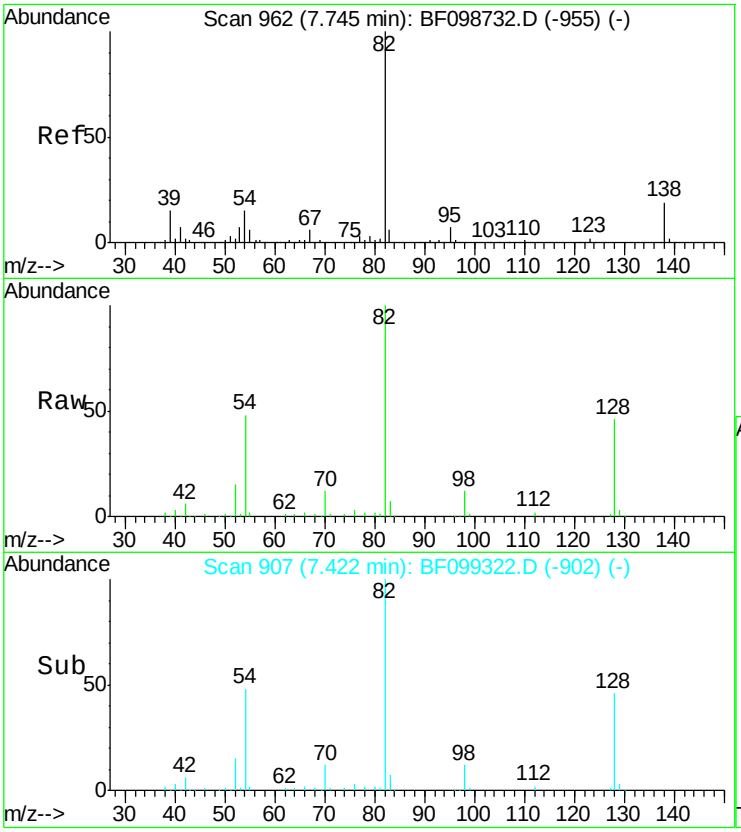


#23
Nitrobenzene-d5
Concen: 17.66 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion: 82 Resp: 92217

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	48.4	41.4	62.2



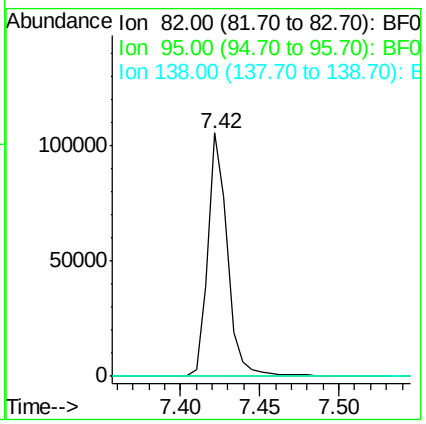


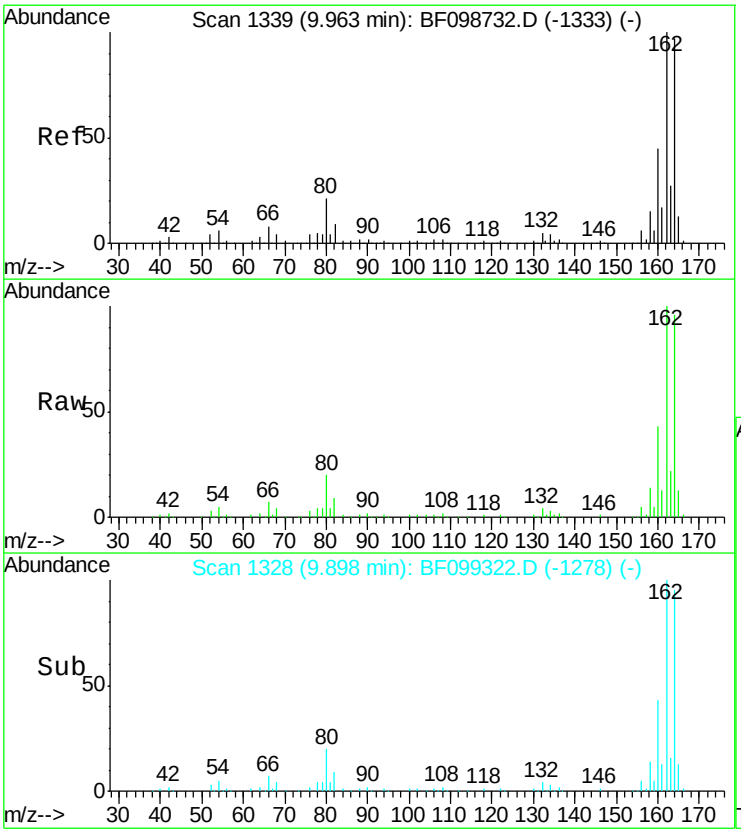
#25
Isophorone
Concen: 8.54 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 92215

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

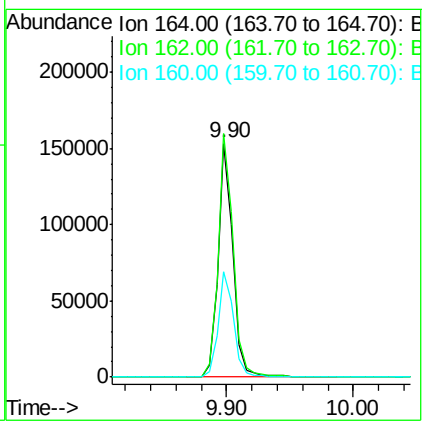


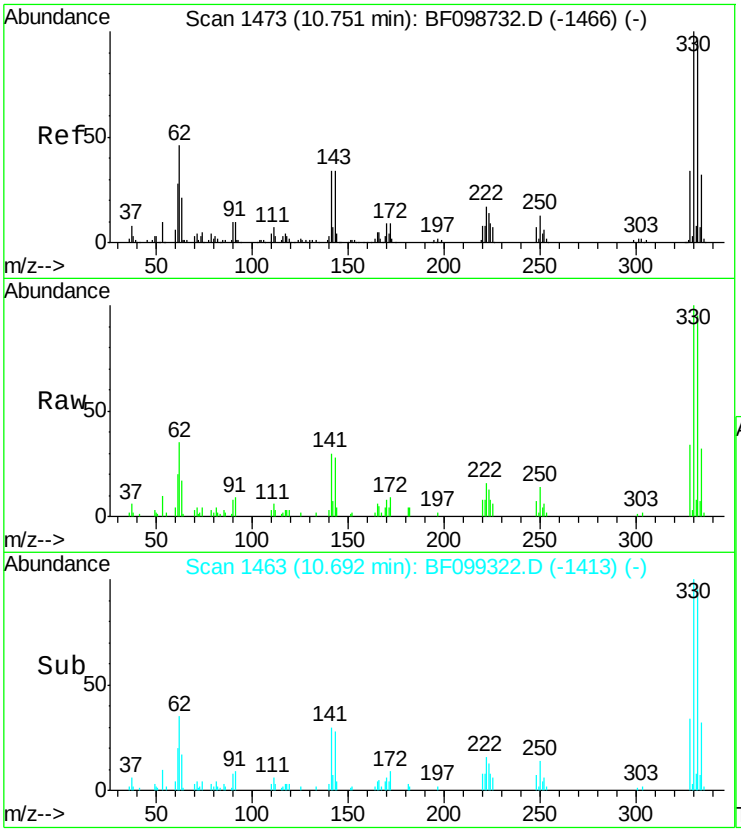


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:164 Resp: 126524

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.1	38.3	57.5



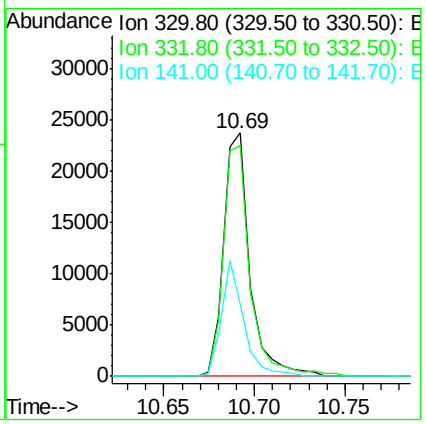


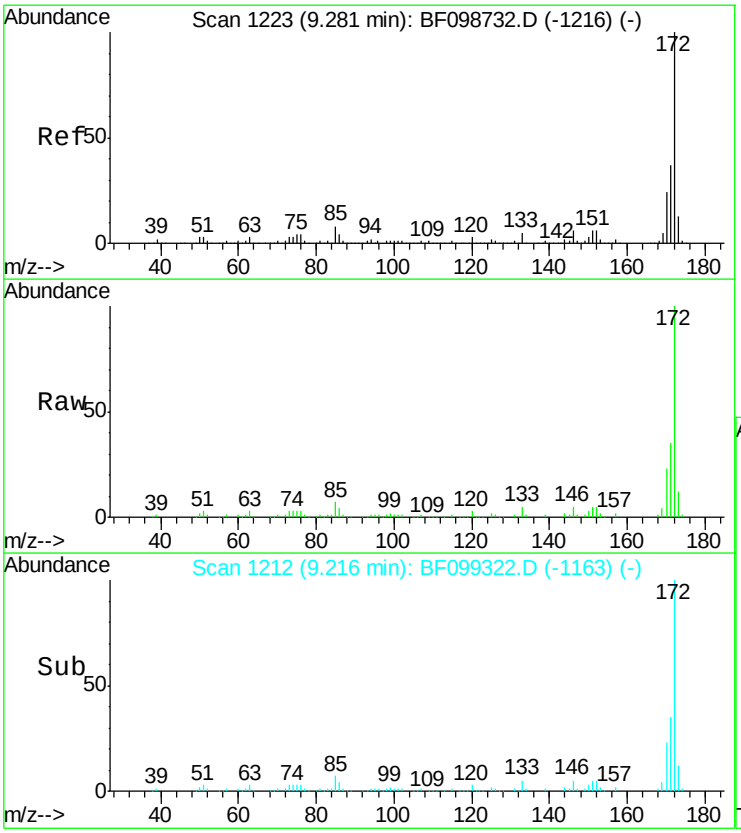
#41
2,4,6-Tribromophenol
Concen: 23.21 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 24031

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	40.4	29.9	44.9

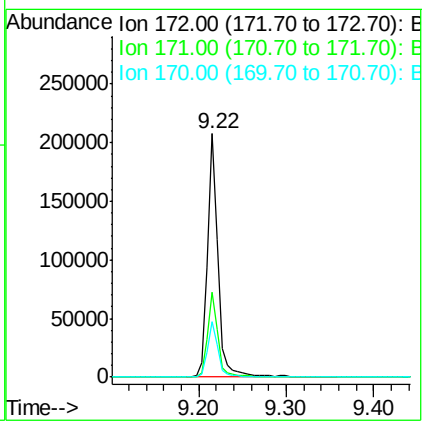


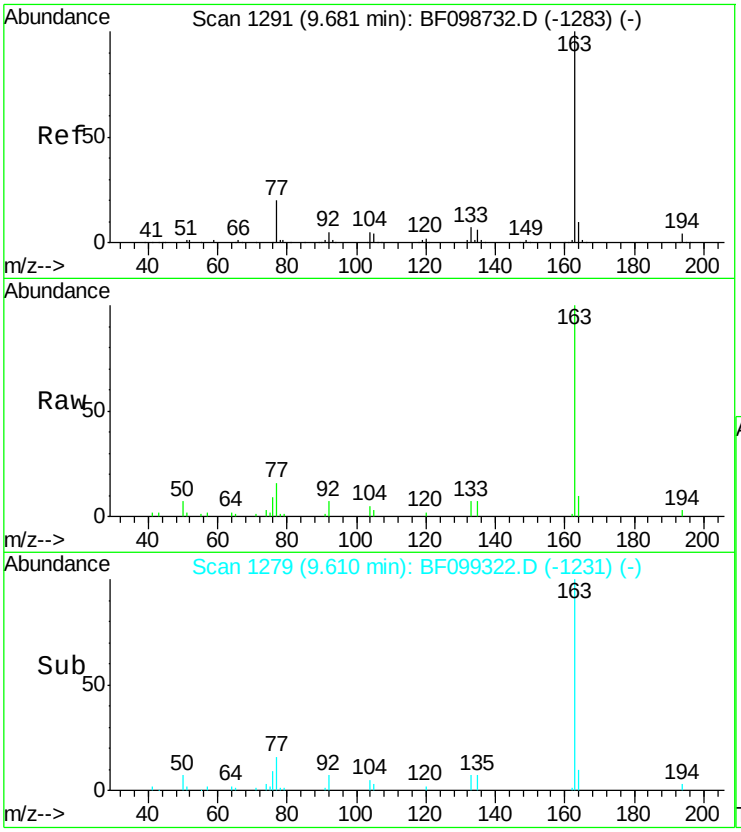


#44
2-Fluorobiphenyl
Concen: 23.09 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:172 Resp: 174984

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	22.7	19.6	29.4



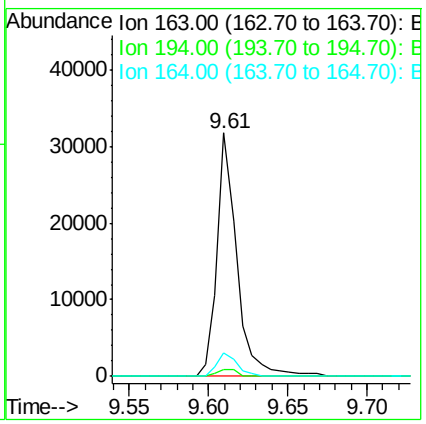


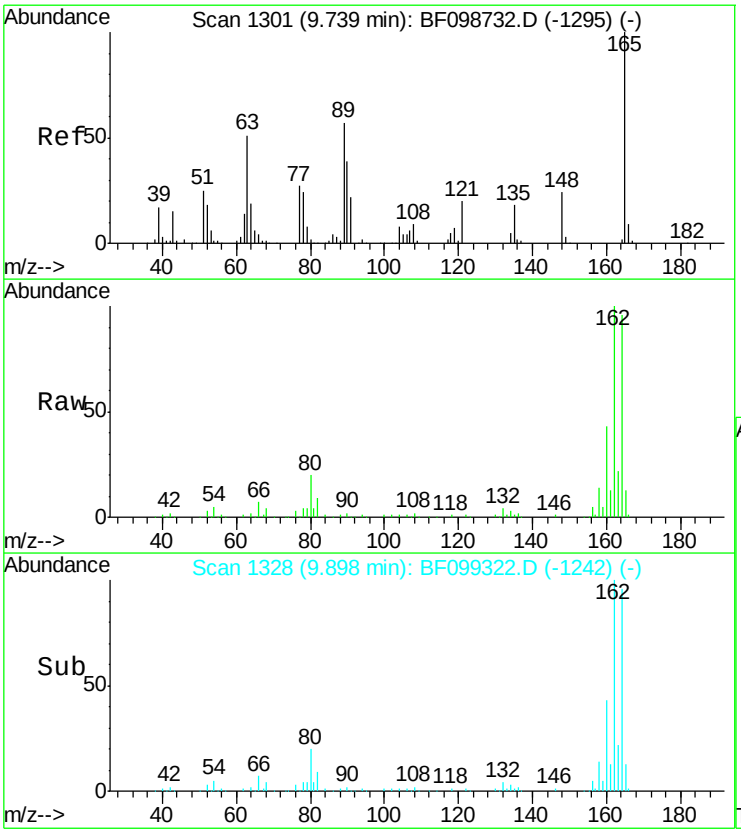
#49
Dimethylphthalate
Concen: 2.90 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 27700

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	9.8	8.2	12.2

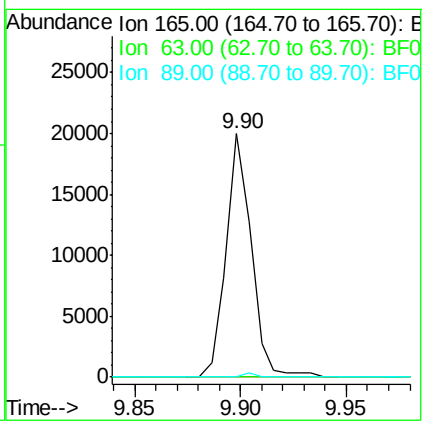


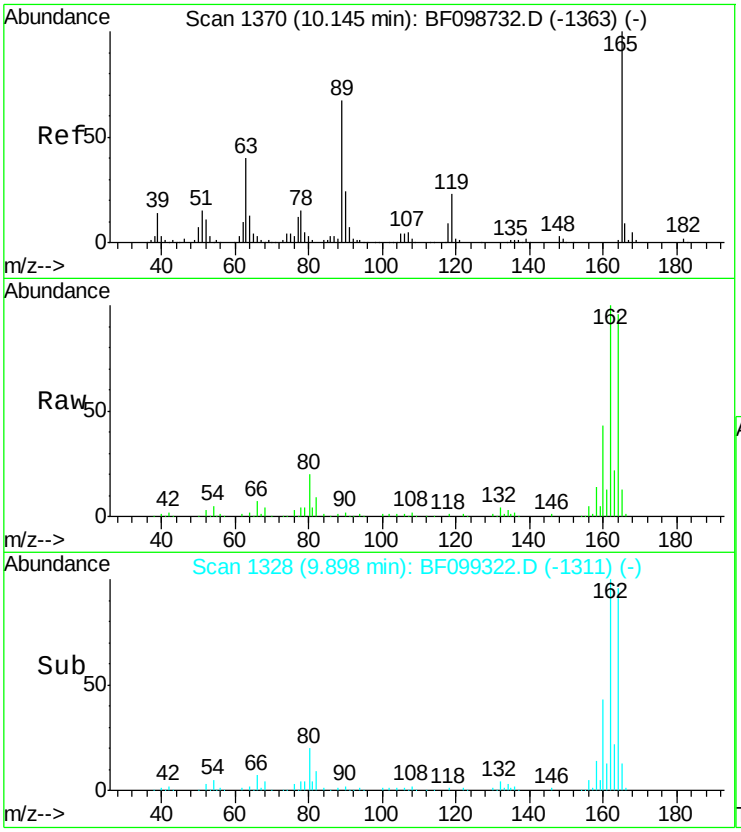


#50
2,6-Dinitrotoluene
Concen: 7.88 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:165 Resp: 16392

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



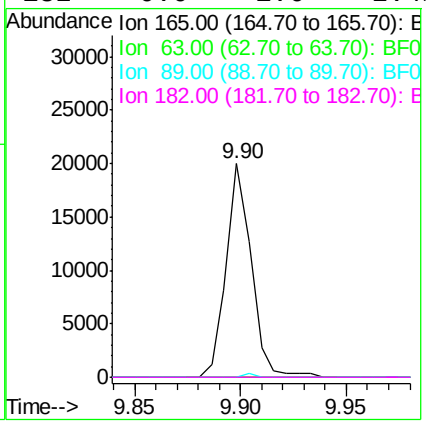


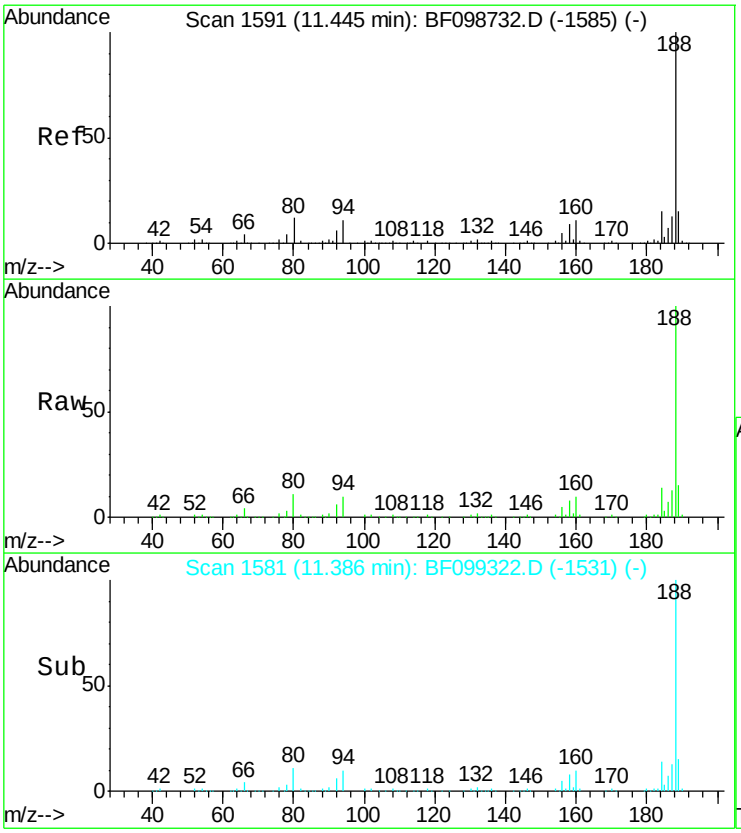
#56
2,4-Dinitrotoluene
Concen: 6.08 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 16392

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#

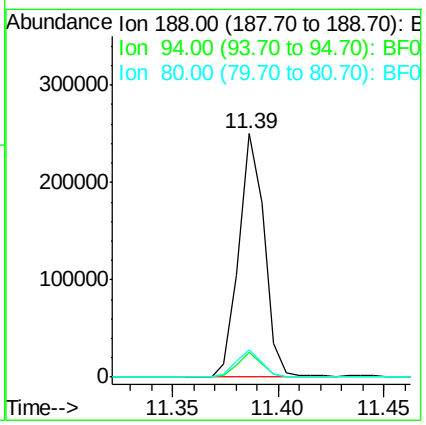


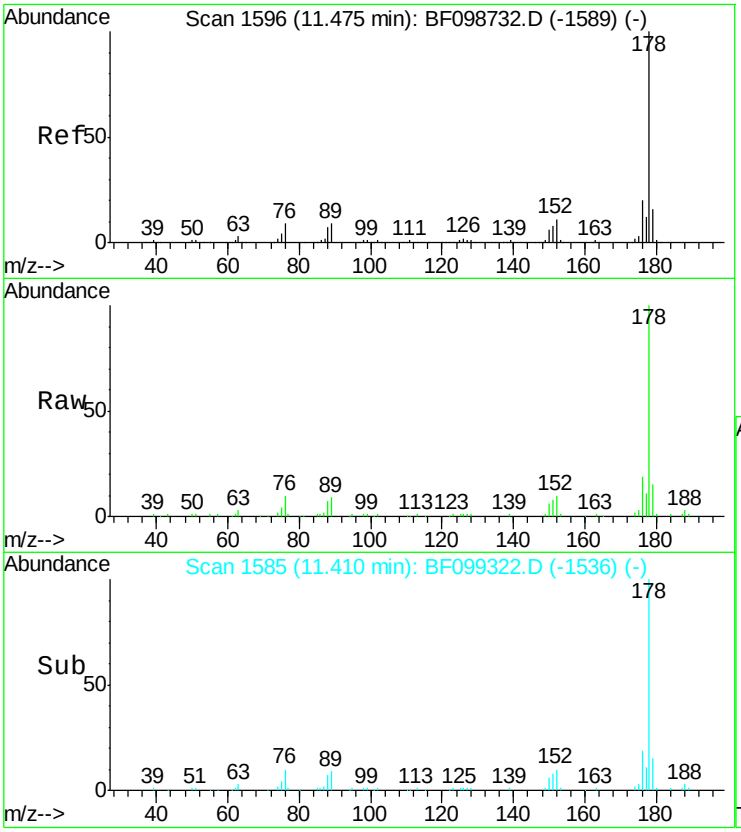


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:188 Resp: 209505

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8



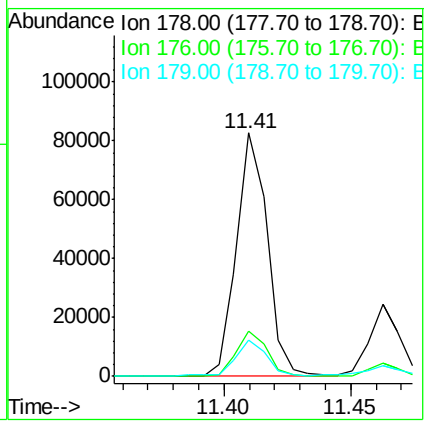


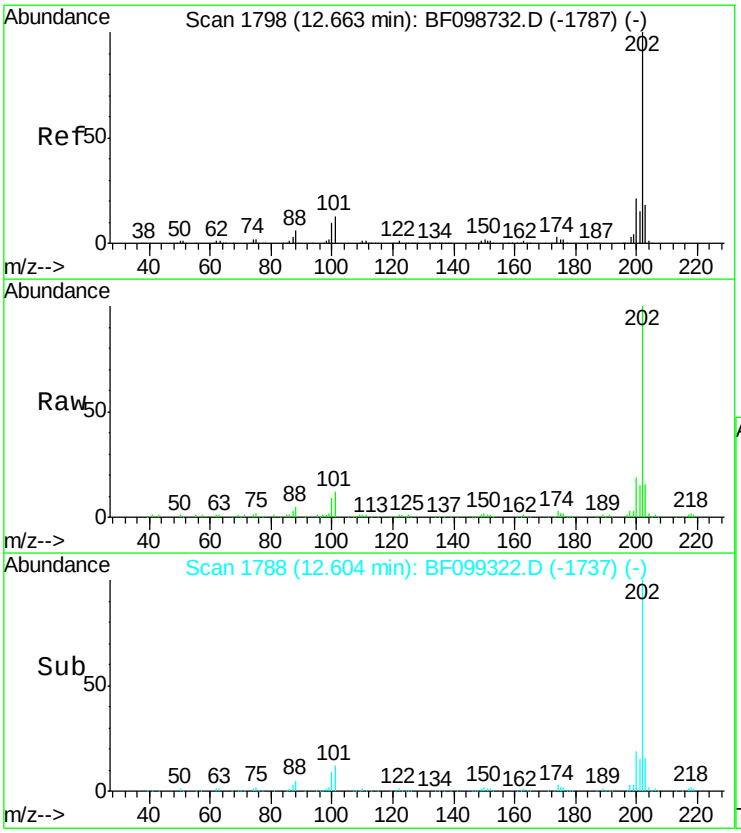
#70
Phenanthrene
Concen: 6.25 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 70140

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.9	13.0	19.6

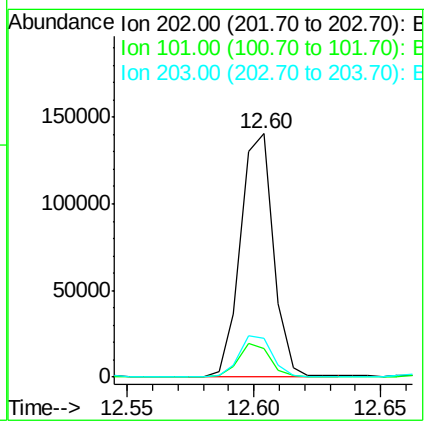


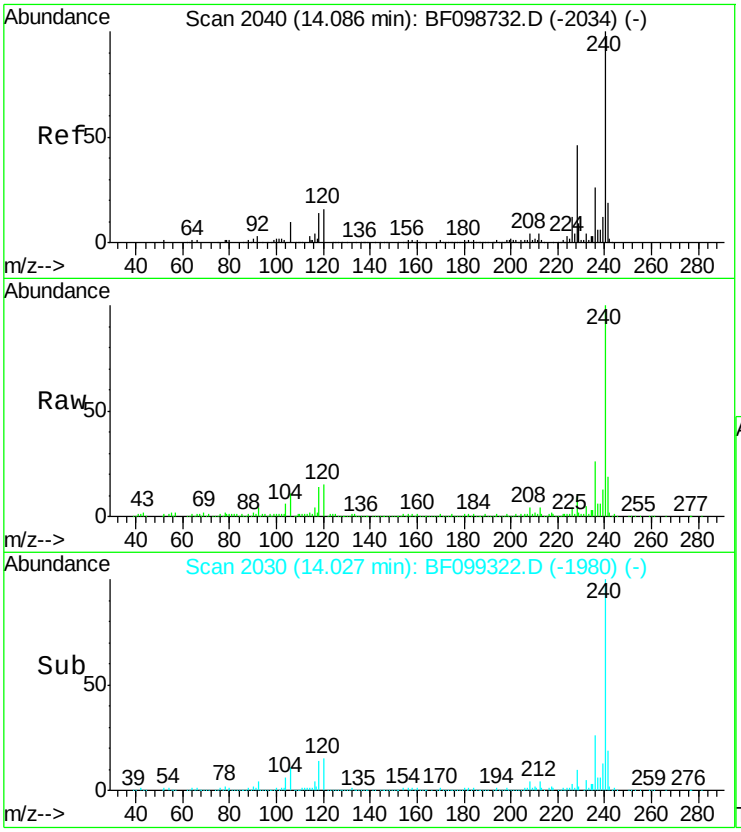


#74
Fluoranthene
Concen: 11.21 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:202 Resp: 127263

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	16.1	0.0	38.1



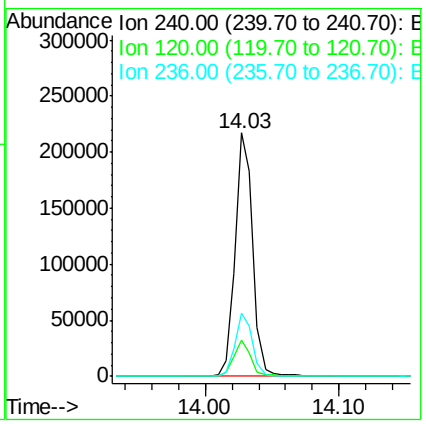


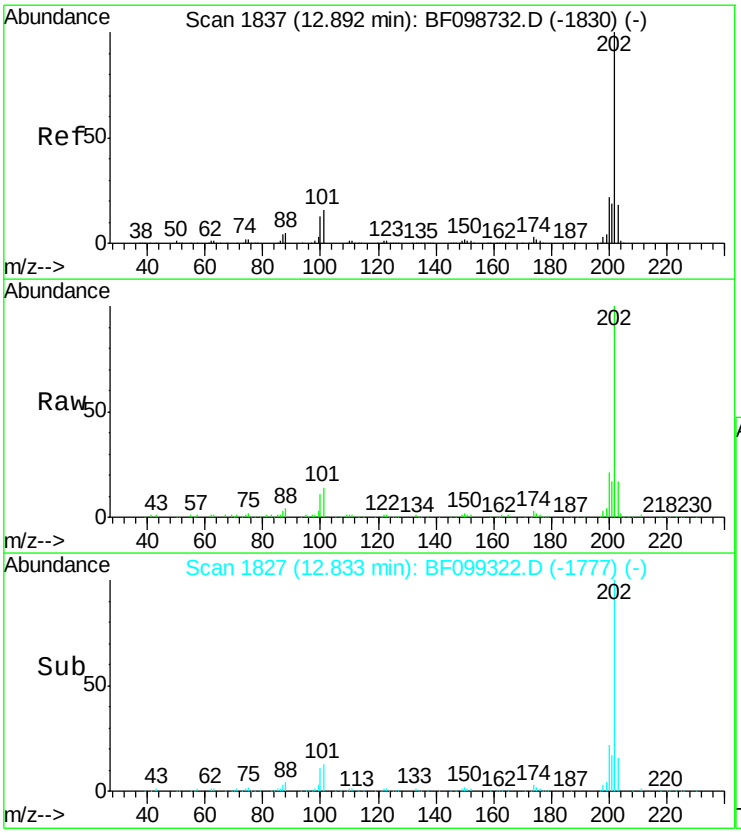
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 200520

Ion	Ratio	Lower	Upper
240	100		
120	14.9	9.5	14.3#
236	26.0	20.7	31.1

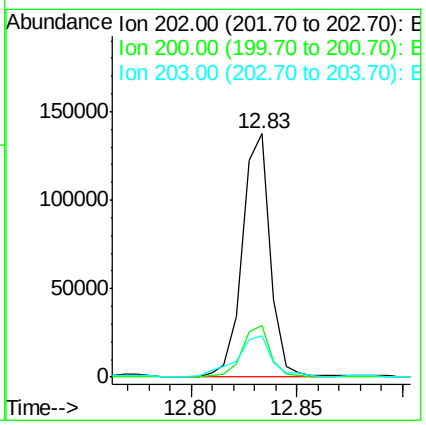


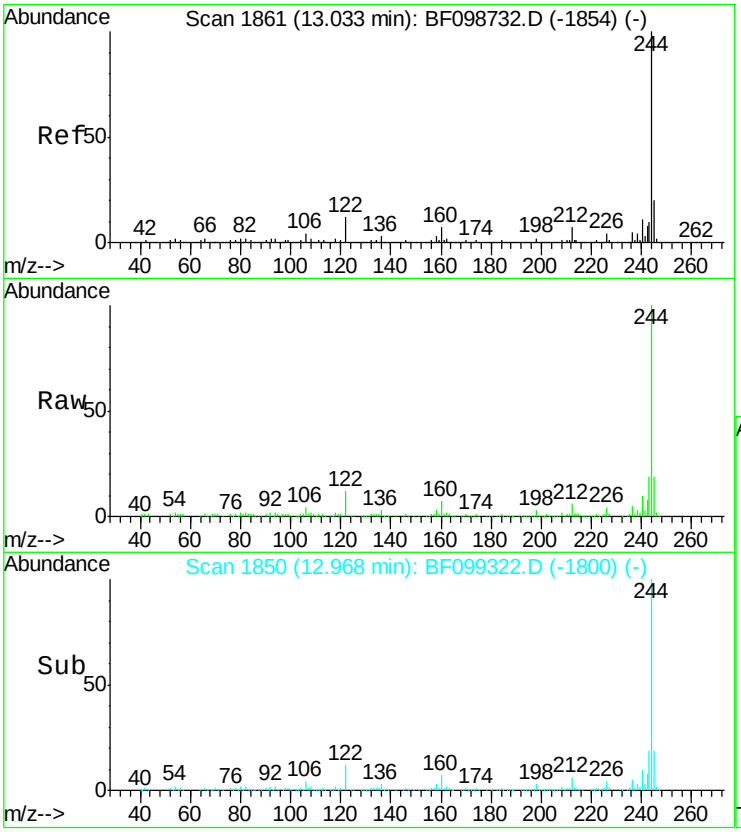


#77
Pyrene
Concen: 8.19 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:202 Resp: 125283

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	16.9	14.3	21.5



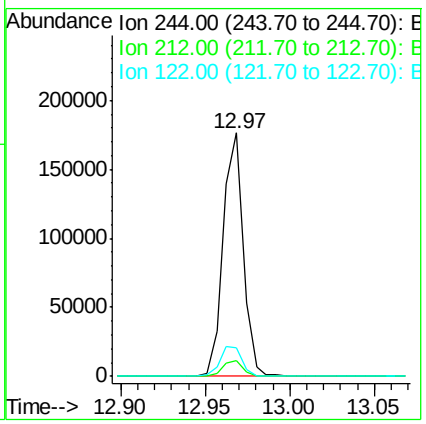


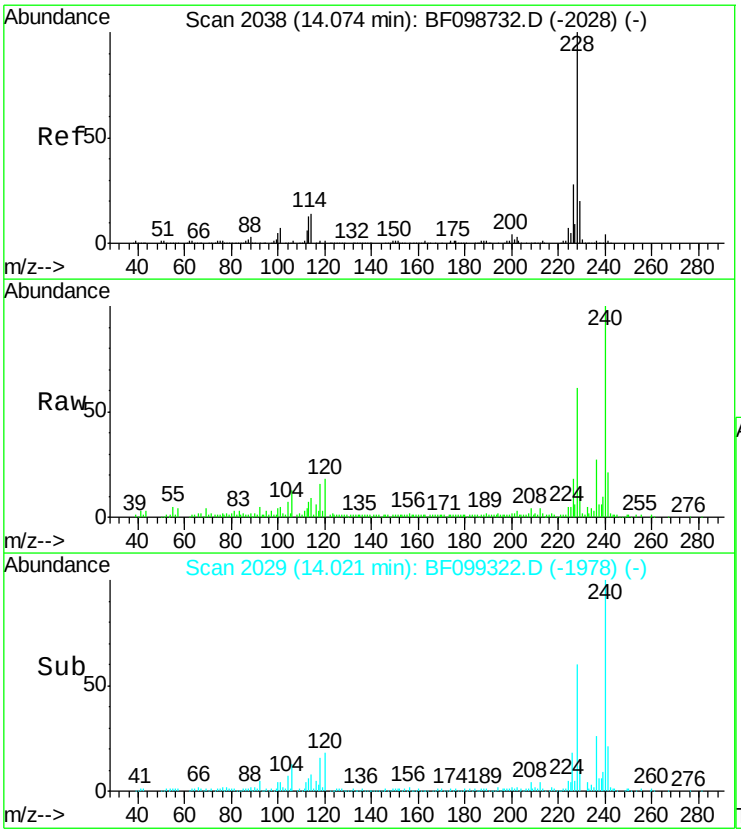
#78
Terphenyl-d14
Concen: 16.61 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 146421

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.0	11.0	16.4

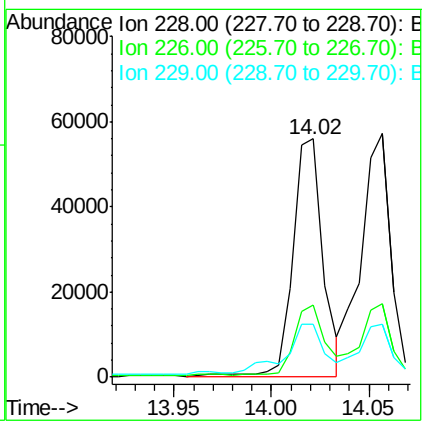


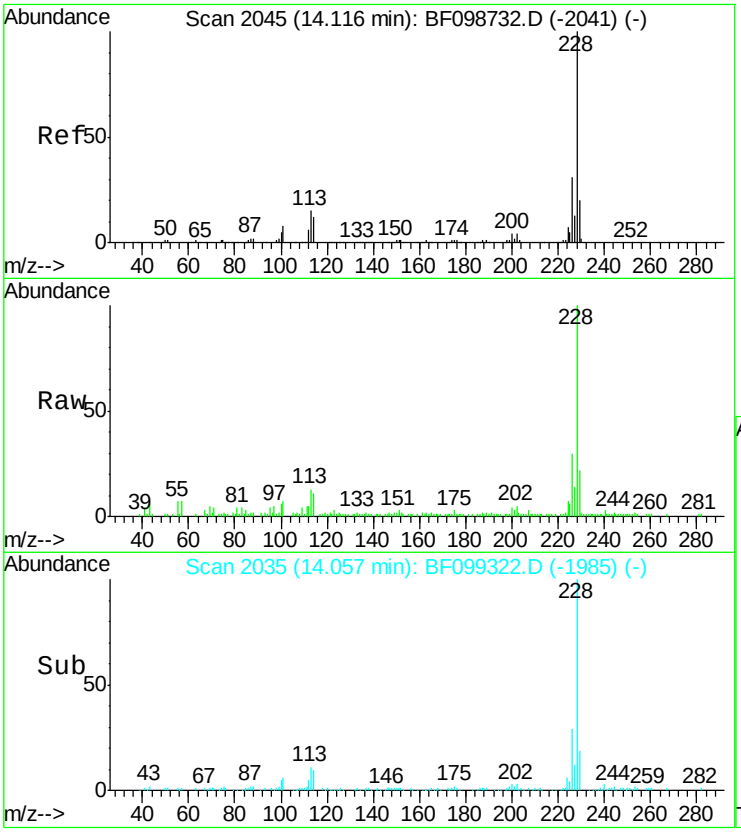


#80
Benzo(a)anthracene
Concen: 4.95 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:228 Resp: 60134

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.0	15.8	23.6



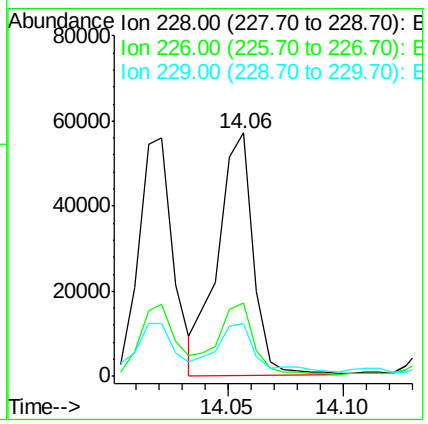


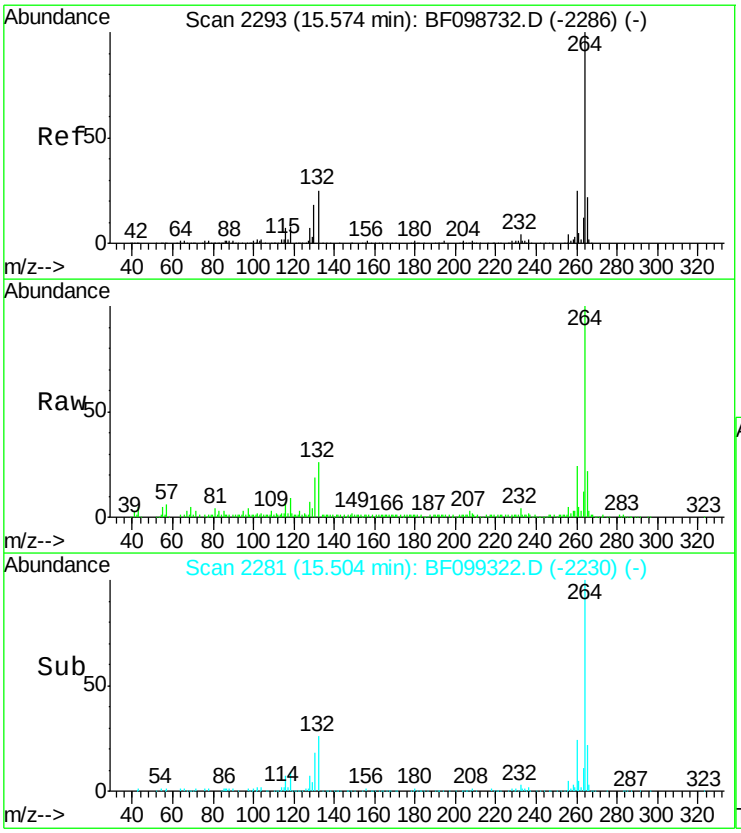
#82
Chrysene
Concen: 5.27 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 60869

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.7	16.2	24.4

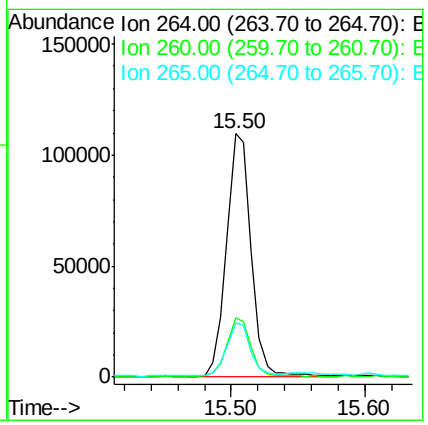


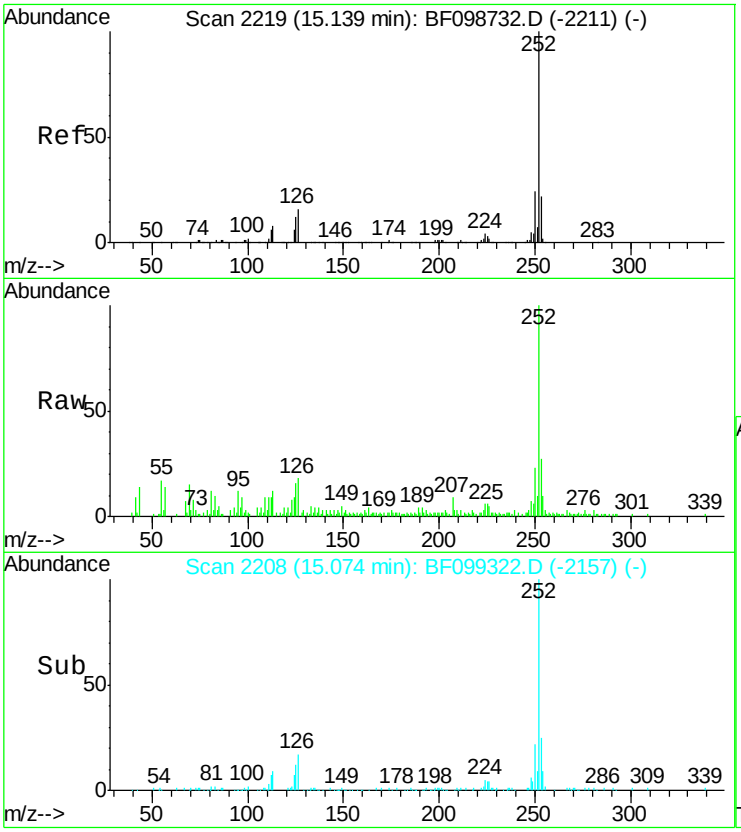


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:264 Resp: 143917

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3



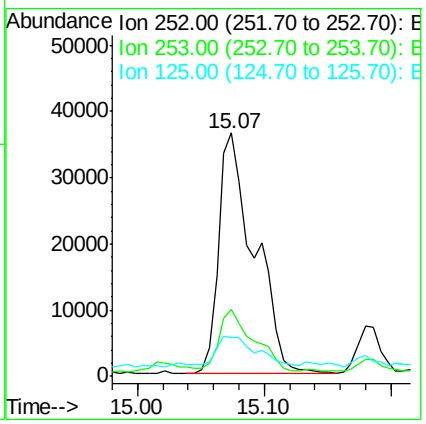


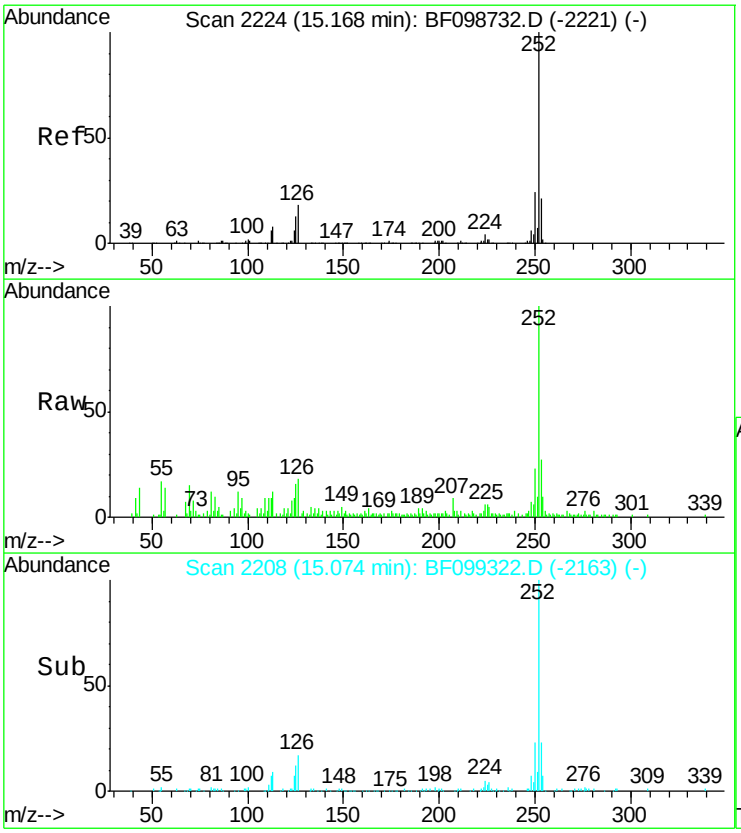
#87
Benzo(b)fluoranthene
Concen: 8.06 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71342

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.0	25.6#
125	16.1	9.0	13.6#

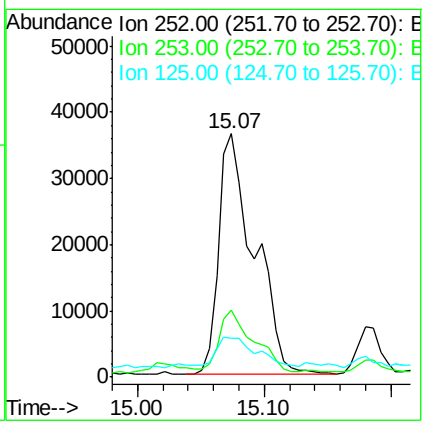


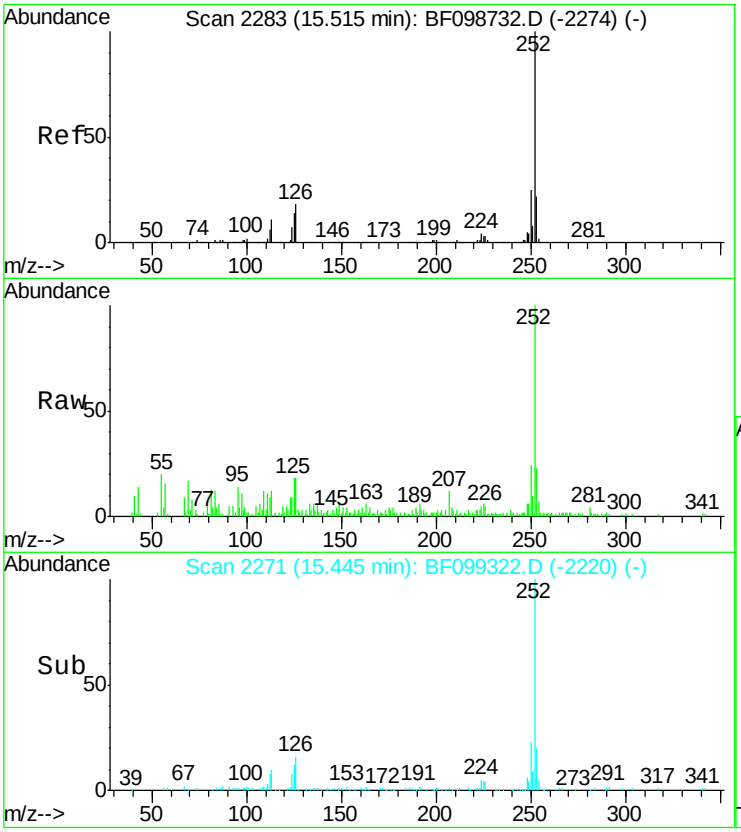


#88
Benzo(k)fluoranthene
Concen: 8.16 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.04 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:252 Resp: 71342

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	16.1	10.2	15.2#



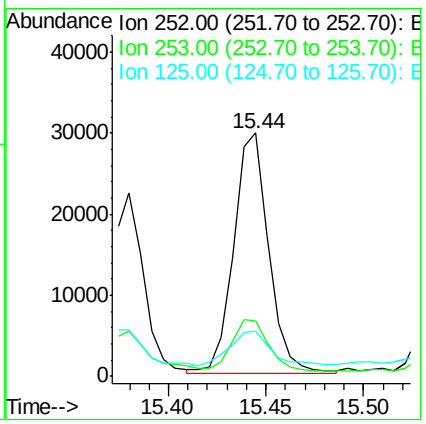


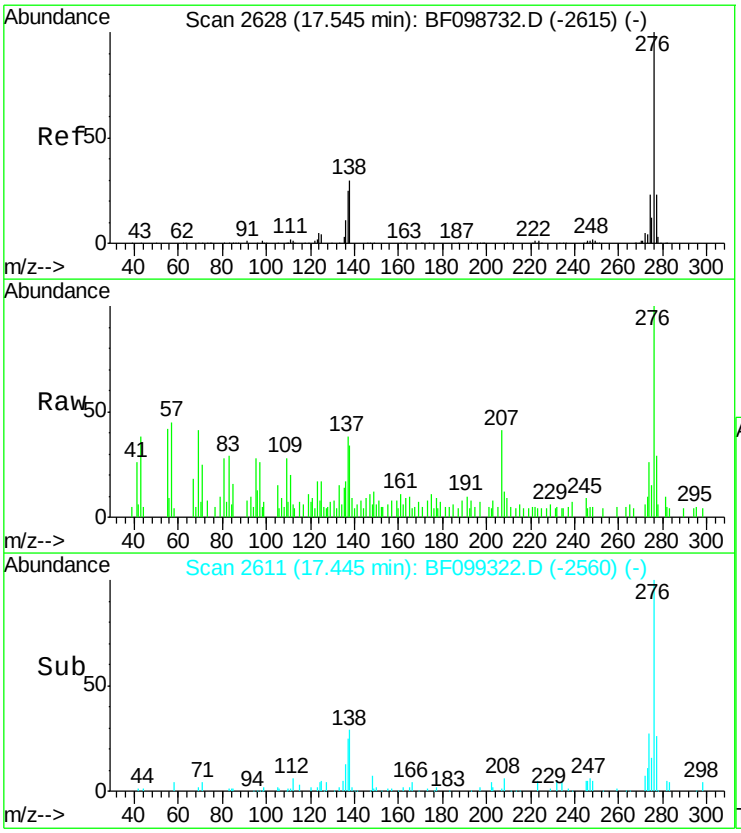
#89
Benzo(a)pyrene
Concen: 4.52 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 36710

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	18.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.10 ng
RT: 17.44 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BF099322.D
Acq: 11 Oct 2017 1:37

Tgt Ion:276 Resp: 19923

Ion	Ratio	Lower	Upper
276	100		
277	28.7	17.9	26.9#
138	34.3	21.8	32.8#