Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
Data File : BF098132.D
Acq On : 30 Aug 2017 1:14
Operator : SJ/JU
Sample : I4981-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 30 03:04:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	129590	20.00	ng		-0.02
21) Naphthalene-d8	8.02	136	493324	20.00	ng		-0.02
38) Acenaphthene-d10	9.77	164	191585	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	293172	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	270304	20.00	ng		-0.01
86) Perylene-d12	15.30	264	204076	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	234491	27.52	ng		-0.02
7) Phenol-d6	6.36	99	316090	27.31	ng		-0.02
23) Nitrobenzene-d5	7.29	82	187486	20.65	ng		-0.03
41) 2,4,6-Tribromophenol	10.56	330	36038	21.68	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	280450	21.51	ng		-0.02
78) Terphenyl-d14	12.83	244	175997	13.58	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	23879	3.013	ng	#	74
25) Isophorone	7.29	82	183189	9.701	ng	#	67
49) Dimethylphthalate	9.49	163	60298	4.306	ng		98
50) 2,6-Dinitrotoluene	9.77	165	25136	8.992	ng	#	34
56) 2,4-Dinitrotoluene	9.77	165	25136	7.165	ng	#	33
70) Phenanthrene	11.27	178	66550	4.260	ng		100
74) Fluoranthene	12.46	202	117834	7.226	ng		98
77) Pyrene	12.69	202	114836	5.194	ng		97
80) Benzo(a)anthracene	13.87	228	63086	3.894	ng		98
82) Chrysene	13.91	228	55541	3.446	ng		98
87) Benzo(b)fluoranthene	14.90	252	84084	6.537	ng		98
88) Benzo(k)fluoranthene	14.90	252	84084	6.958	ng		97
89) Benzo(a)pyrene	15.24	252	41494	3.644	ng		97
91) Benzo(g,h,i)perylene	17.09	276	19936	2.061	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
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Acq On : 30 Aug 2017 1:14
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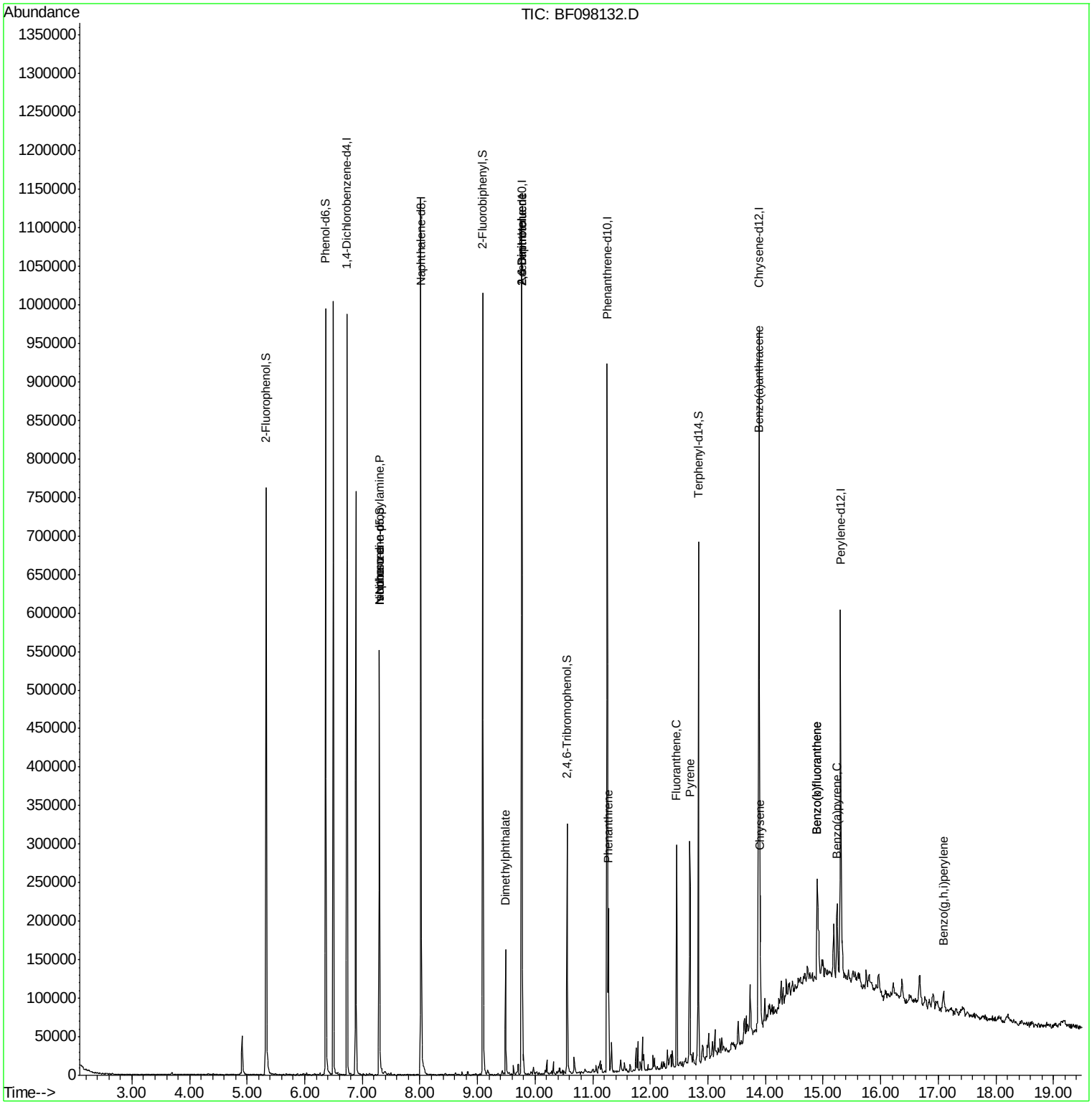
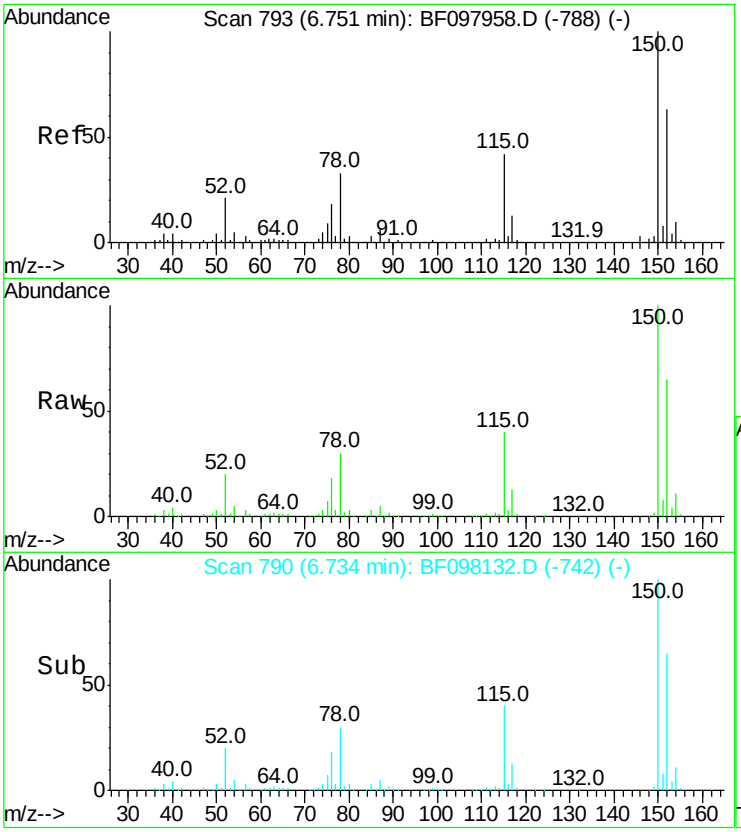
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 30 03:04:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration



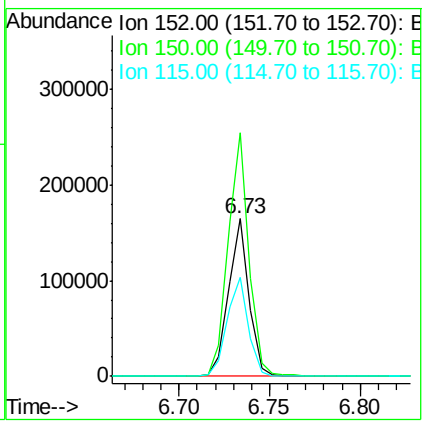


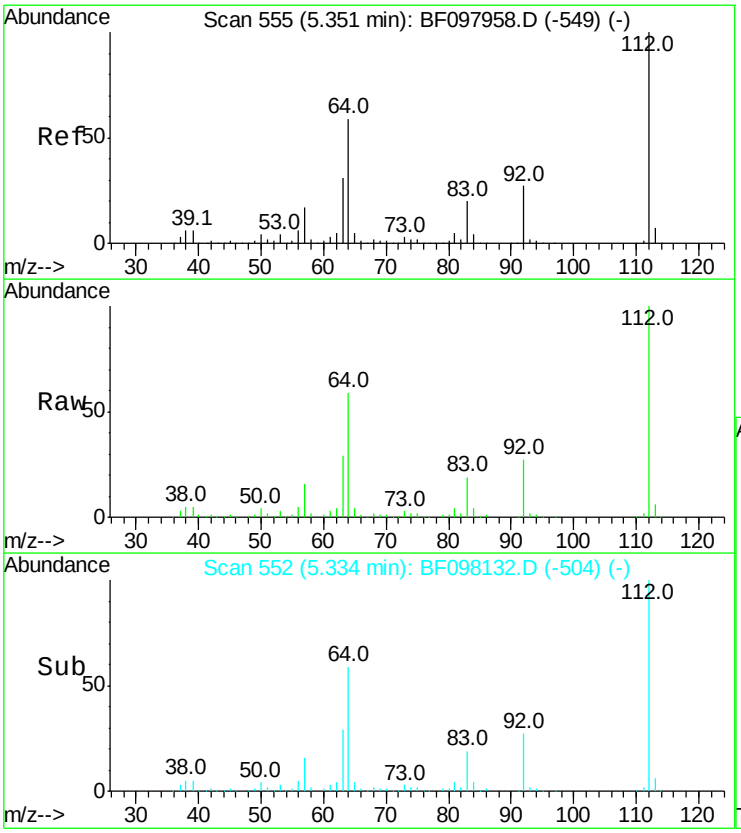
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129590

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.2	189.2
115	62.4	52.2	78.2

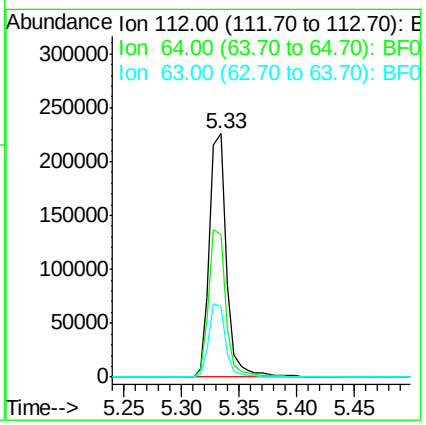


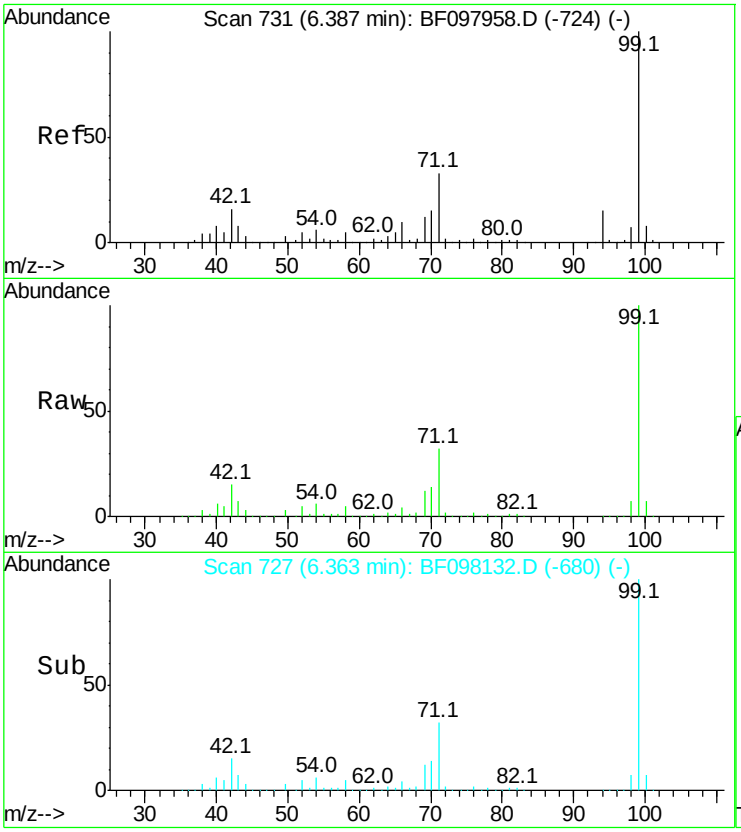


#5
2-Fluorophenol
Concen: 27.524 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:112 Resp: 234491

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.0	69.0
63	29.0	23.4	35.0



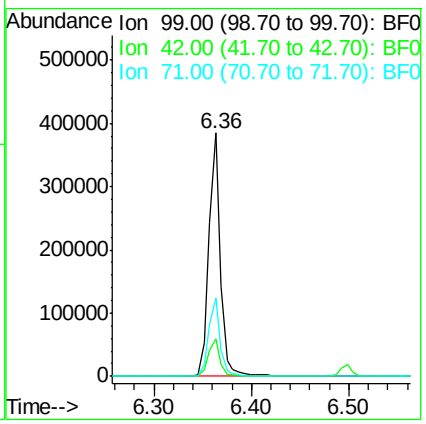


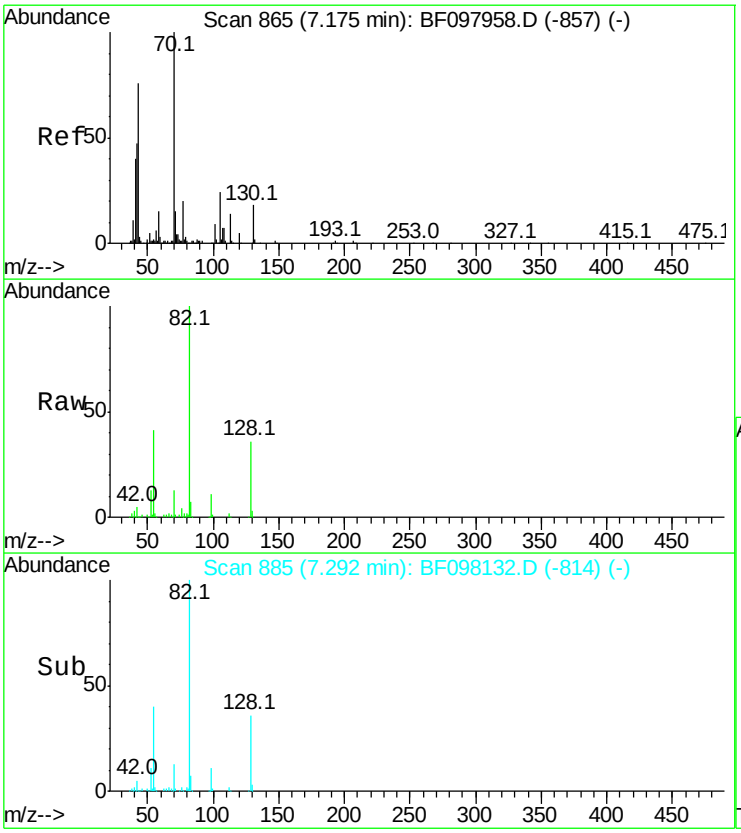
#7
Phenol-d6
Concen: 27.306 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 316090

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.1	24.5	36.7

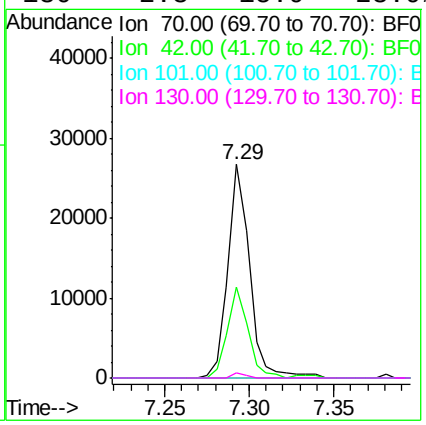


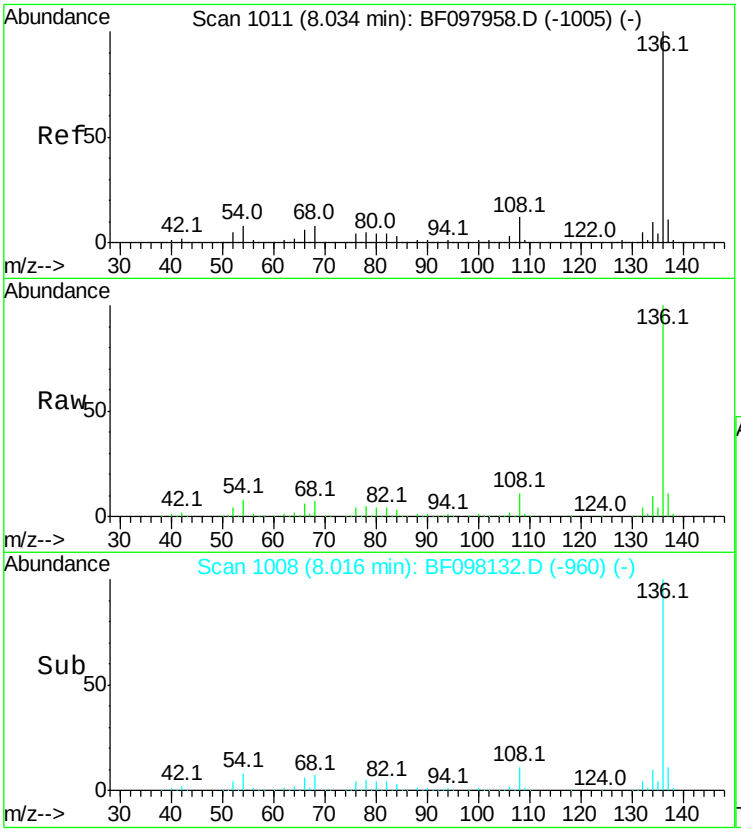


#19
n-Nitroso-di-n-propylamine
Concen: 3.013 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.12 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion: 70 Resp: 23879

Ion	Ratio	Lower	Upper
70	100		
42	42.3	47.2	70.8#
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



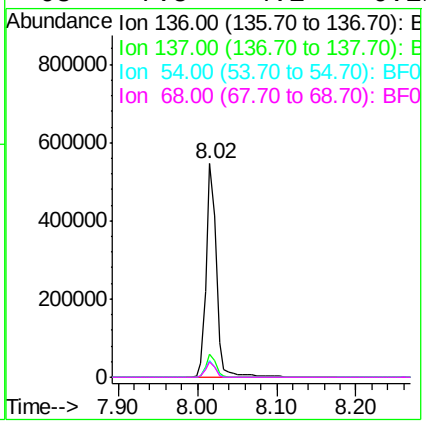


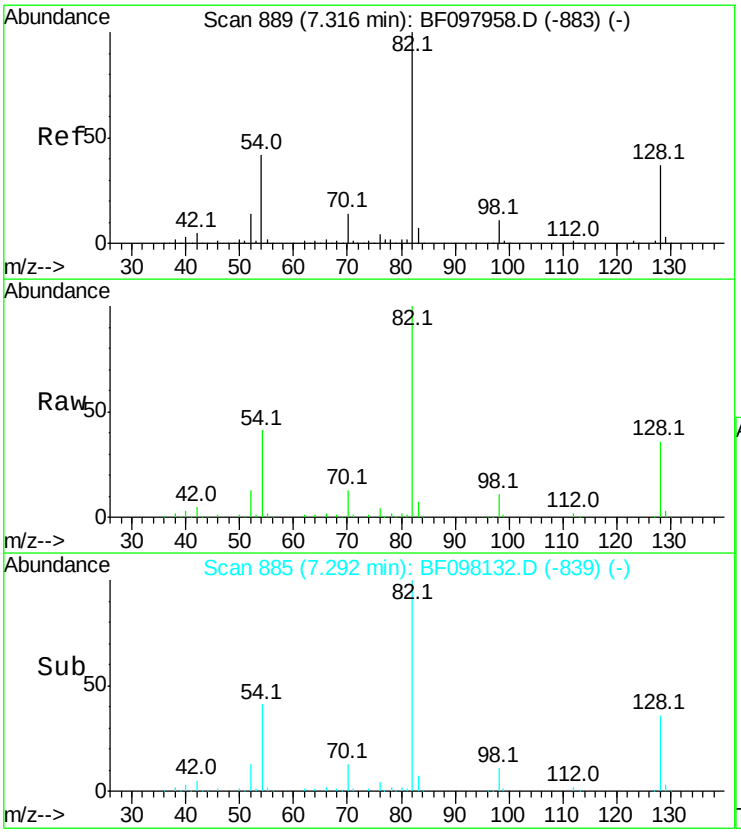
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 493324

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	7.5	4.1	6.1#

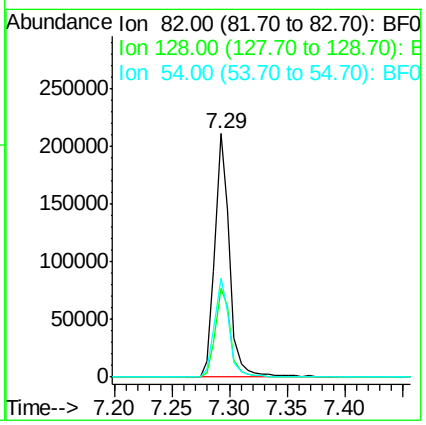


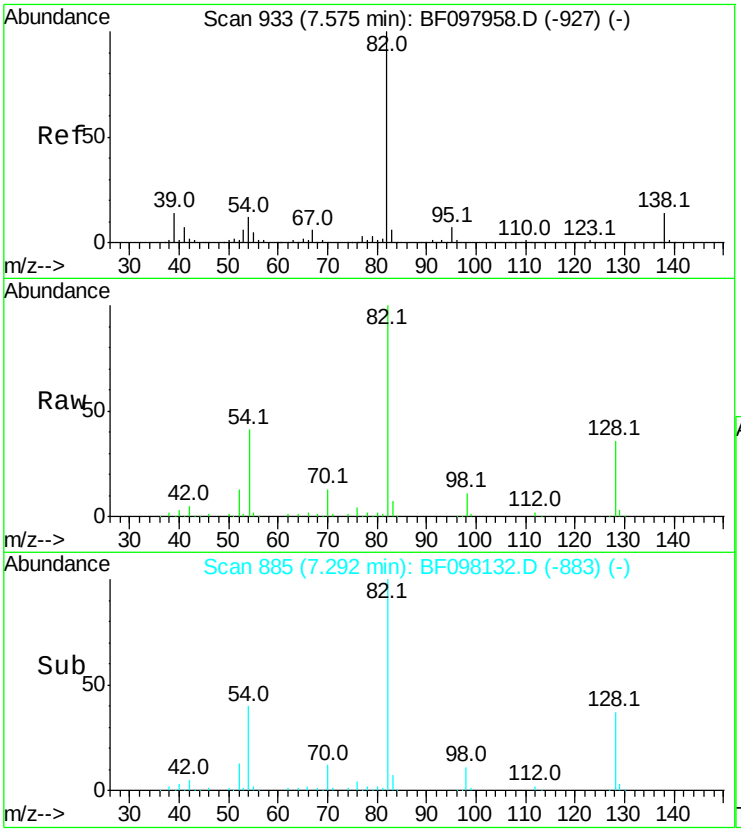


#23
Nitrobenzene-d5
Concen: 20.646 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion: 82 Resp: 187486

Ion	Ratio	Lower	Upper
82	100		
128	36.2	34.0	51.0
54	40.8	42.2	63.2#

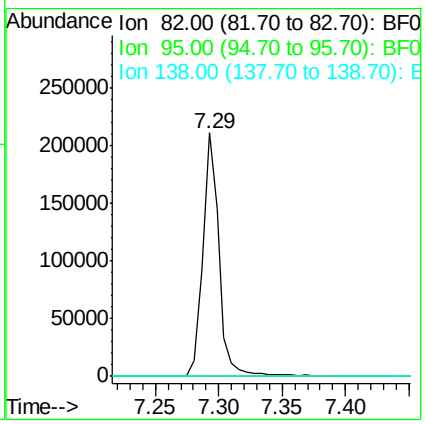




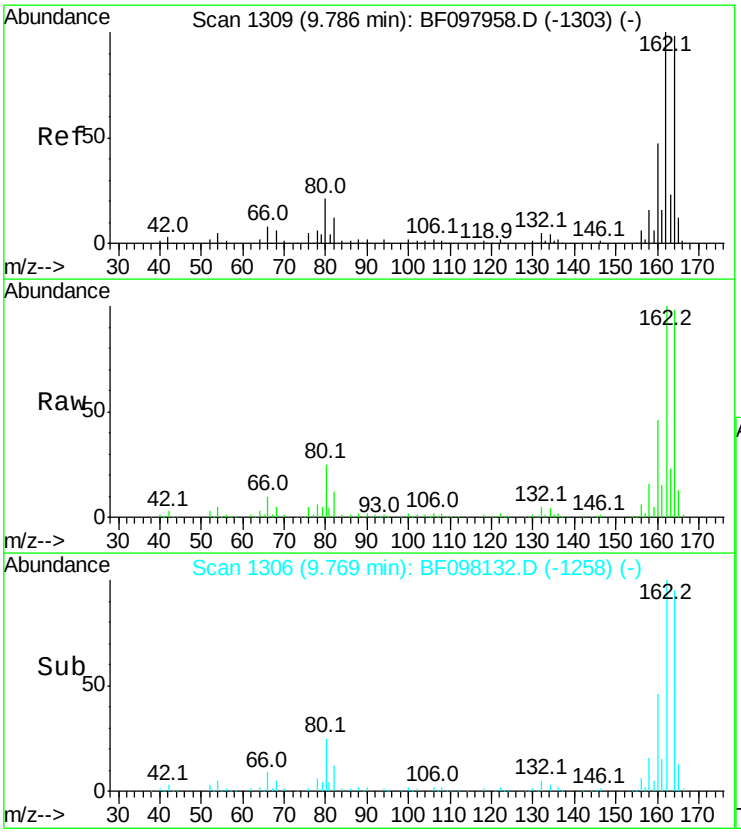
#25
Isophorone
Concen: 9.701 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.29 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion: 82 Resp: 183189

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



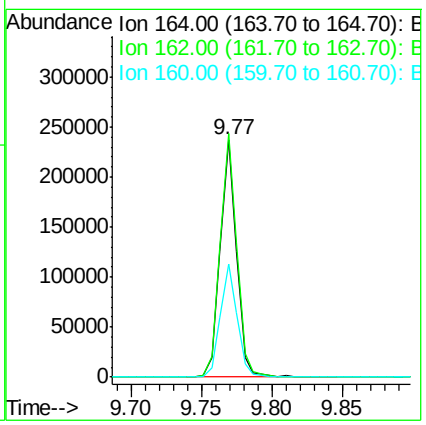
Instrument :
BNA_F
ClientSampleId :

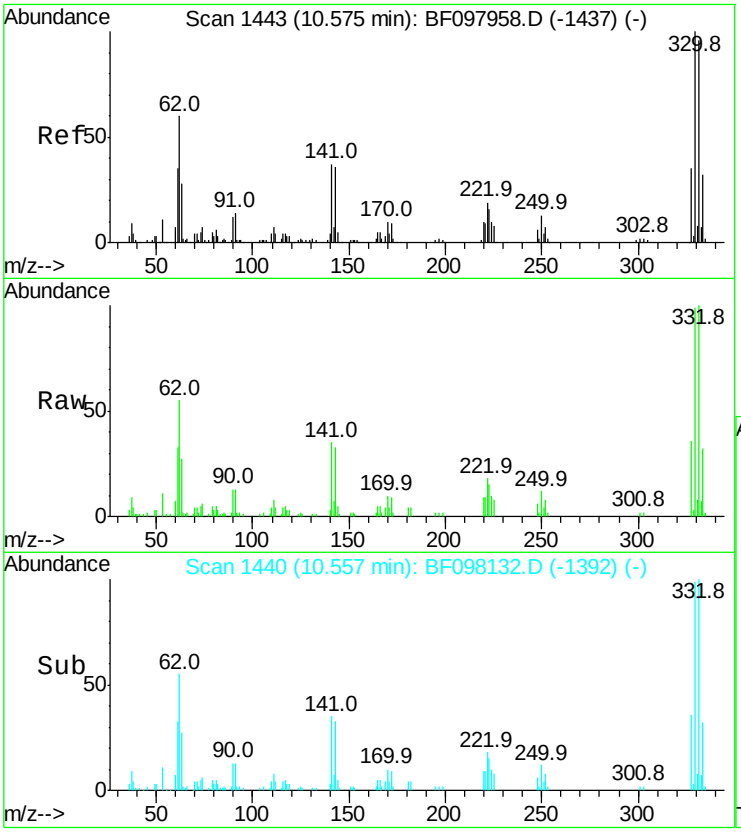


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:164 Resp: 191585

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	47.4	36.2	54.2



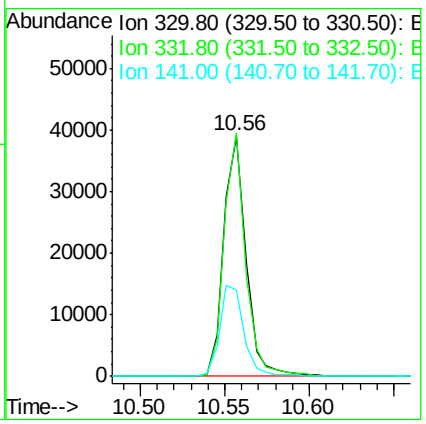


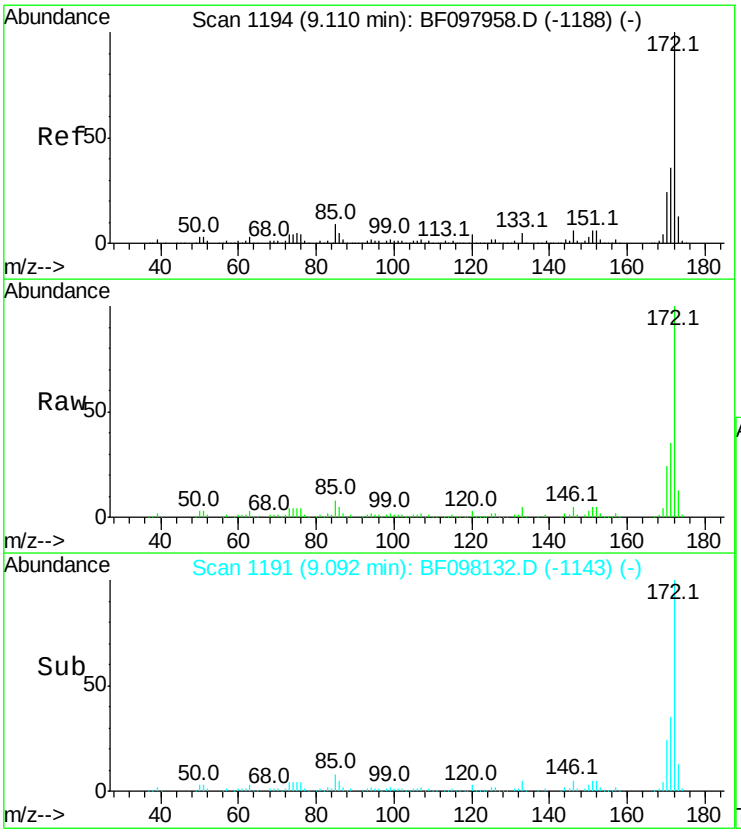
#41
2,4,6-Tribromophenol
Concen: 21.679 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 36038

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	41.5	31.4	47.2

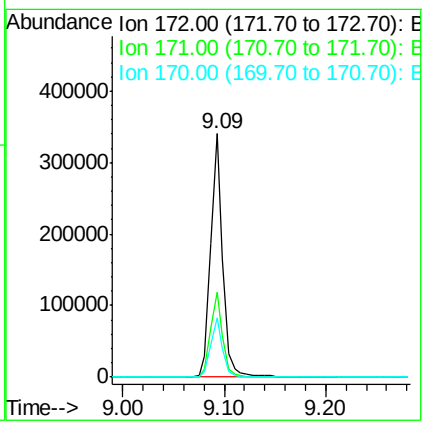


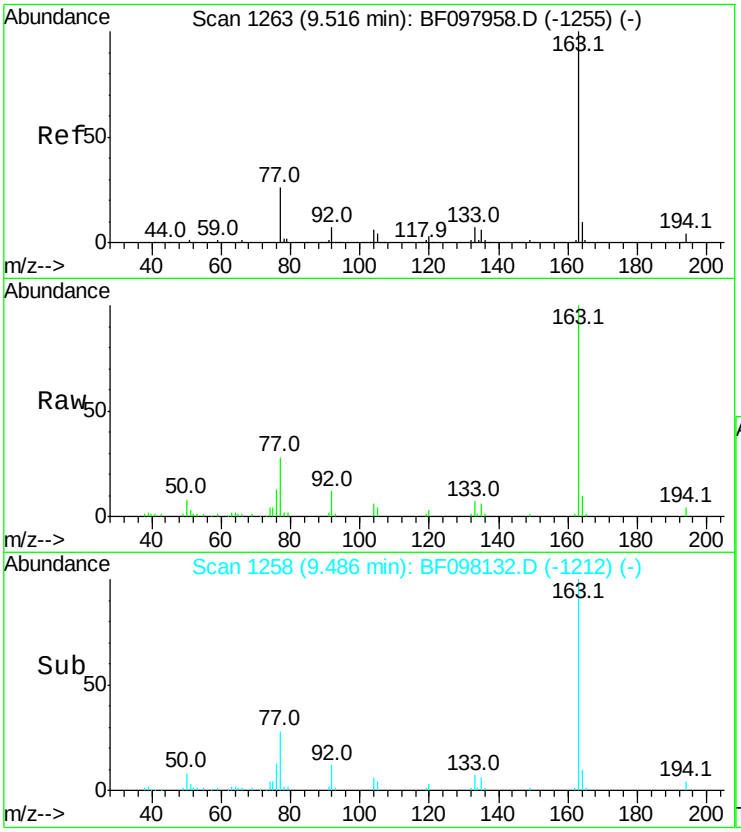


#44
2-Fluorobiphenyl
Concen: 21.507 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:172 Resp: 280450

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.2	19.8	29.8



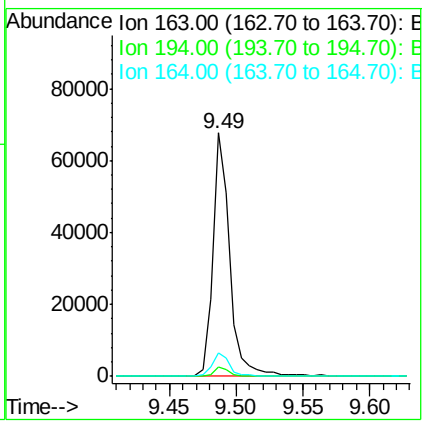


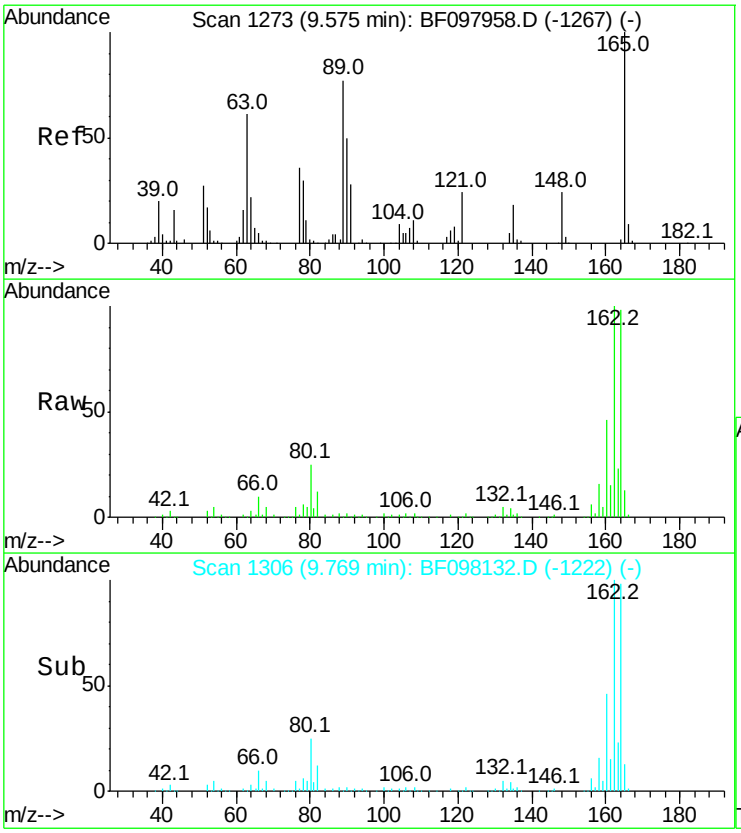
#49
Dimethylphthalate
Concen: 4.306 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 60298

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	9.6	8.4	12.6

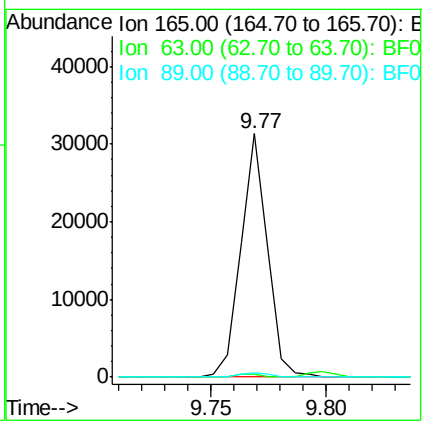


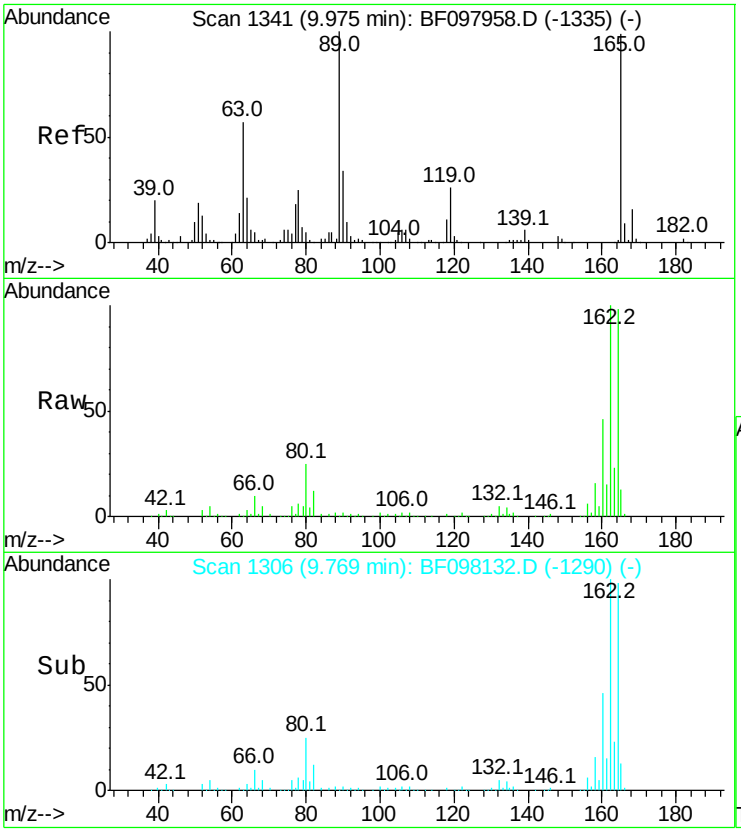


#50
2,6-Dinitrotoluene
Concen: 8.992 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.19 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:165 Resp: 25136

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.9	37.1	55.7#



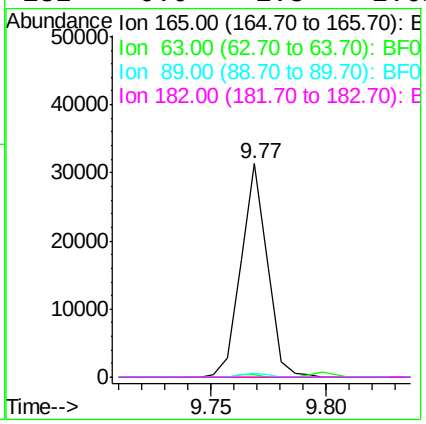


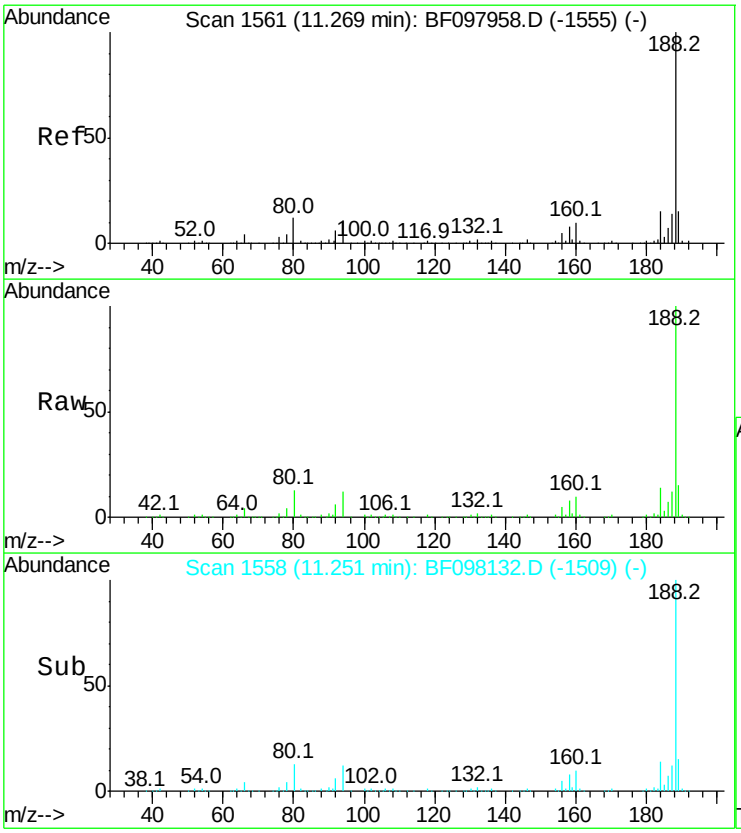
#56
2,4-Dinitrotoluene
Concen: 7.165 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.21 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25136

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.9	46.4	69.6#
182	0.0	1.8	2.6#

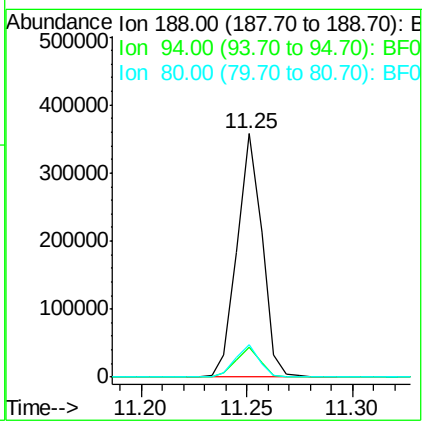


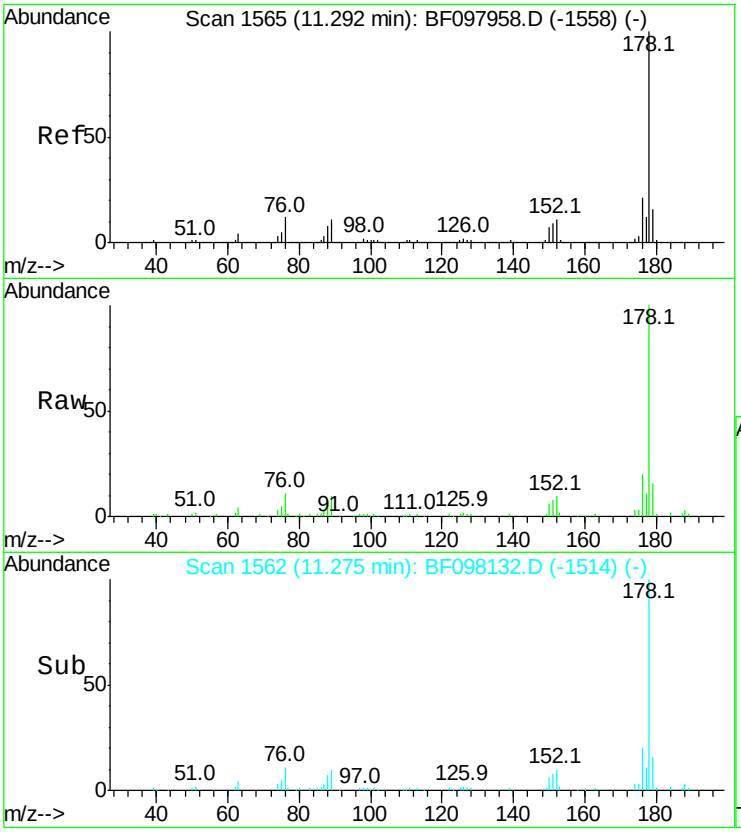


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:188 Resp: 293172

Ion	Ratio	Lower	Upper
188	100		
94	12.1	9.4	14.2
80	13.4	10.2	15.2



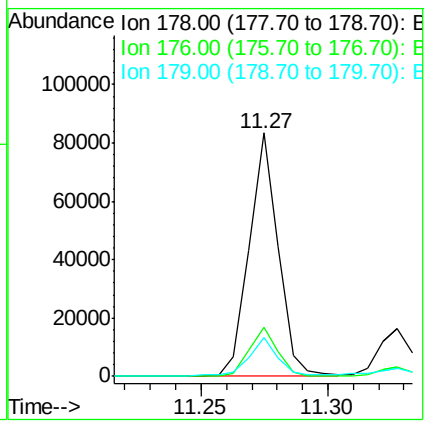


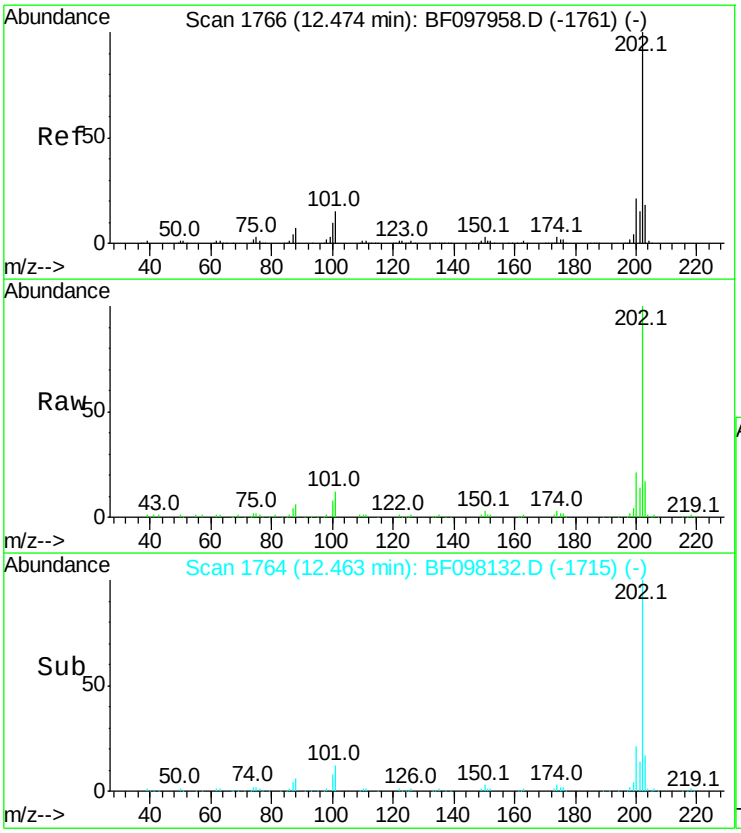
#70
Phenanthrene
Concen: 4.260 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 66550

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.1	12.6	19.0

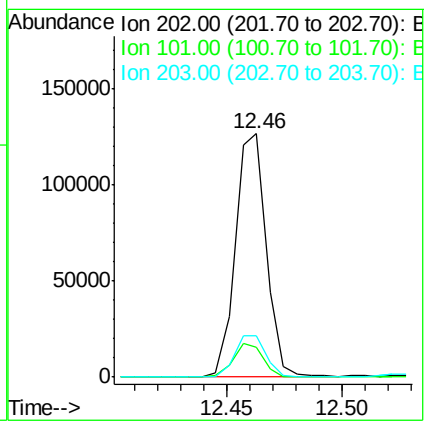


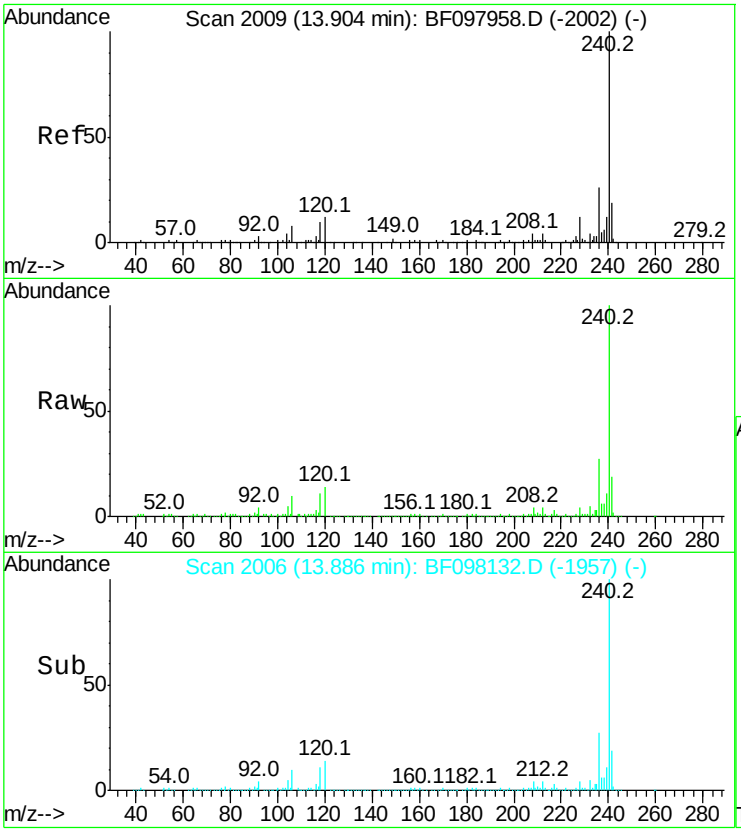


#74
Fluoranthene
Concen: 7.226 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:202 Resp: 117834

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.2	0.0	38.1



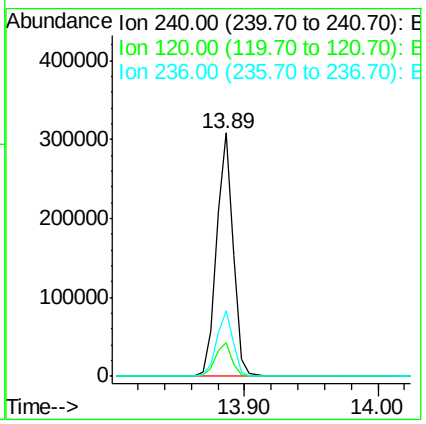


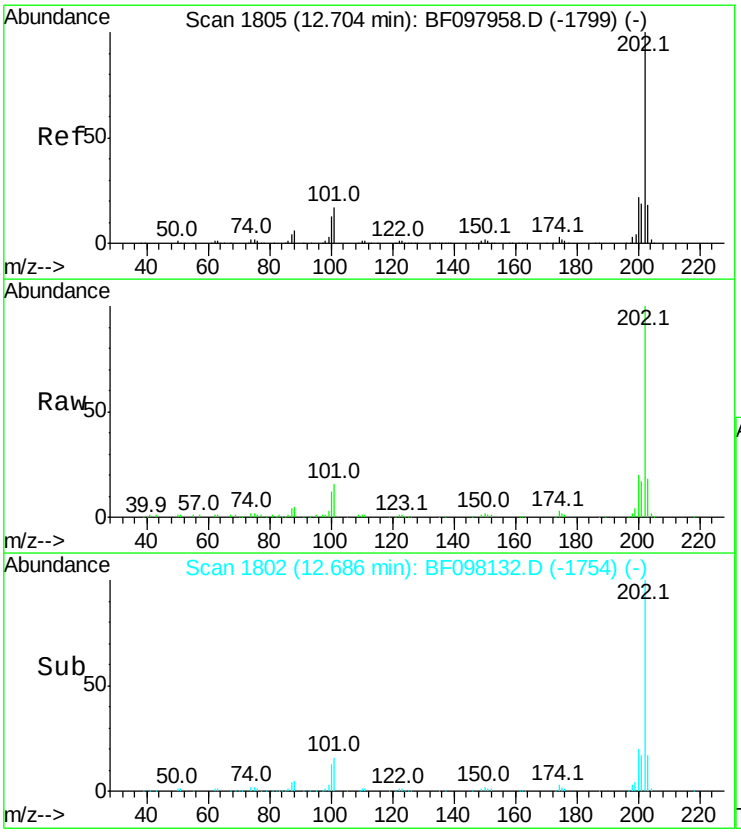
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 270304

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.9	20.5	30.7

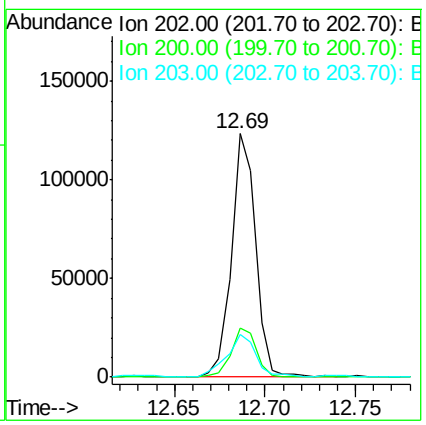


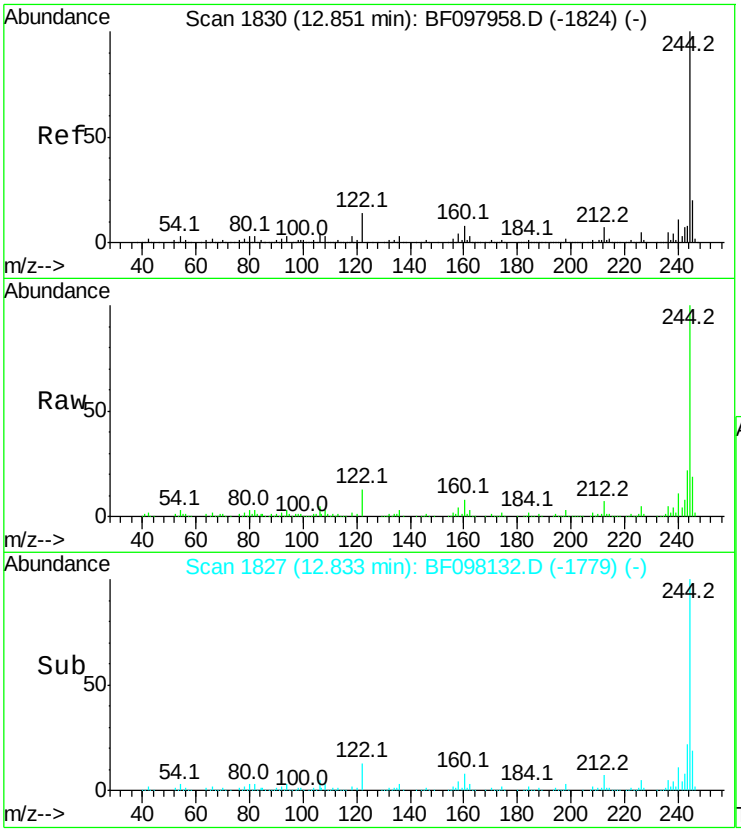


#77
Pyrene
Concen: 5.194 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:202 Resp: 114836

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.6	26.4
203	17.8	14.4	21.6



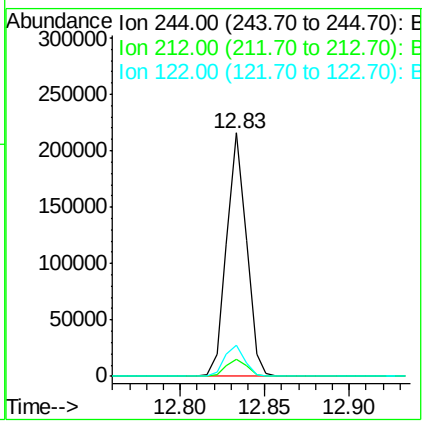


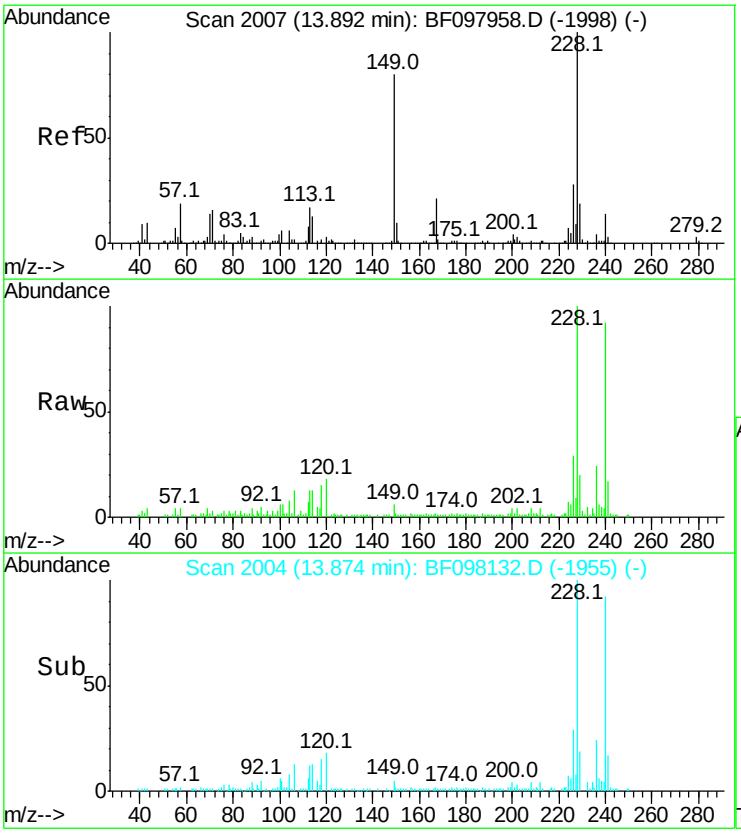
#78
Terphenyl-d14
Concen: 13.578 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 175997

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.7	10.3	15.5

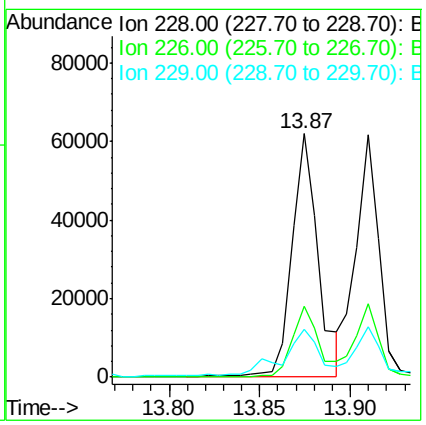


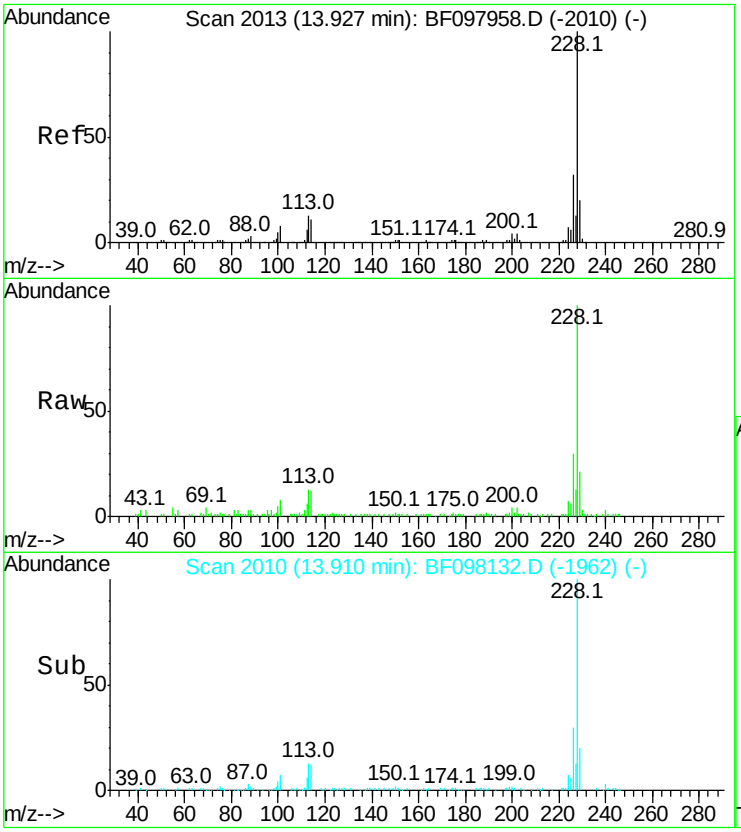


#80
Benzo(a)anthracene
Concen: 3.894 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:228 Resp: 63086

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	19.9	16.3	24.5



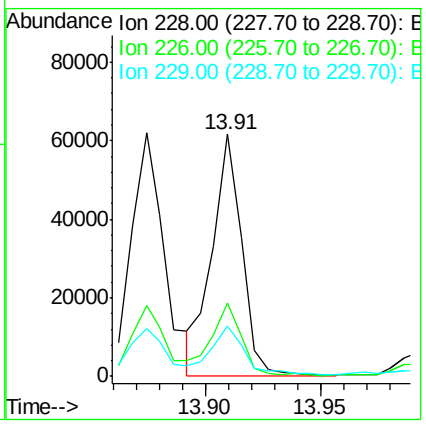


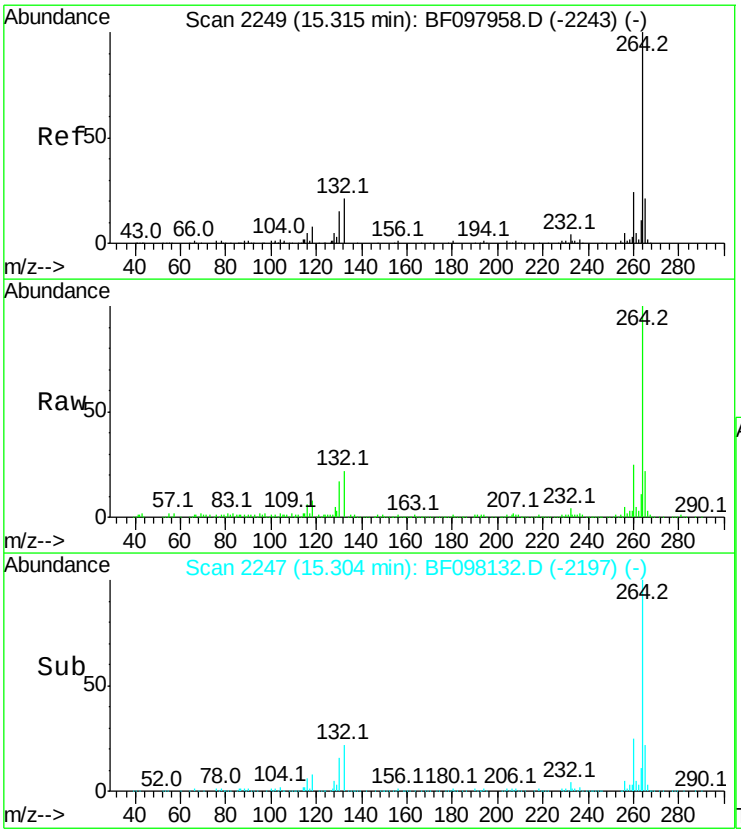
#82
Chrysene
Concen: 3.446 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 55541

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	20.8	15.8	23.6

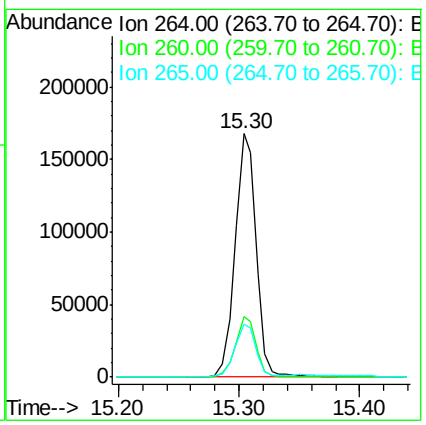


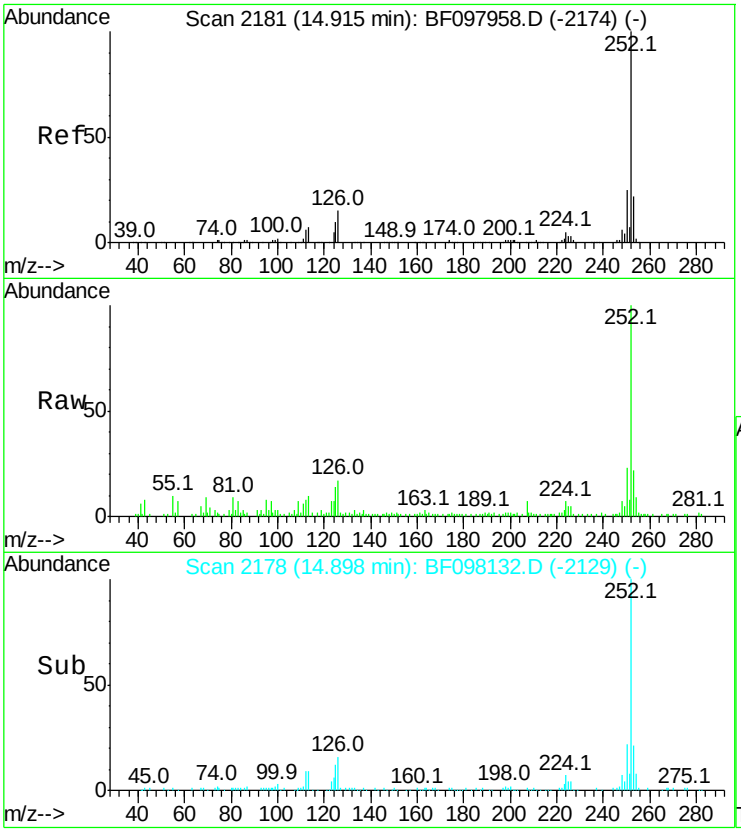


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:264 Resp: 204076

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.9	17.2	25.8



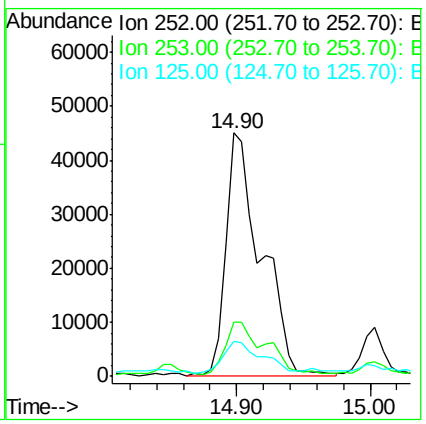


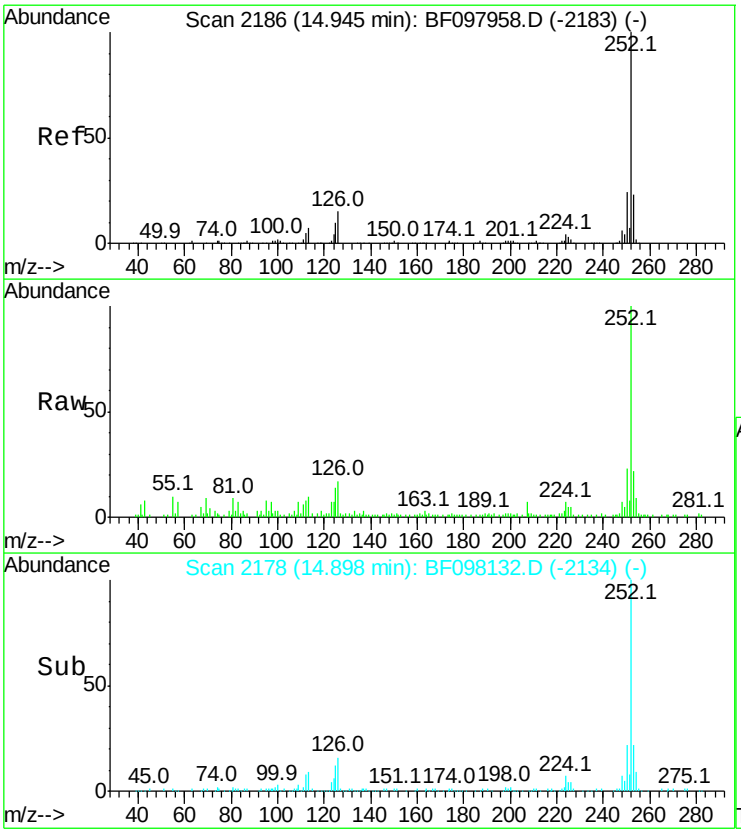
#87
Benzo(b)fluoranthene
Concen: 6.537 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 84084

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.2	9.8	14.8

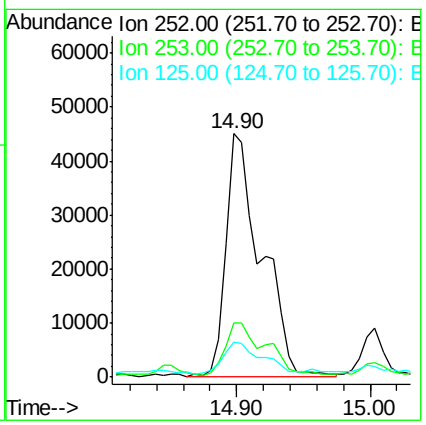


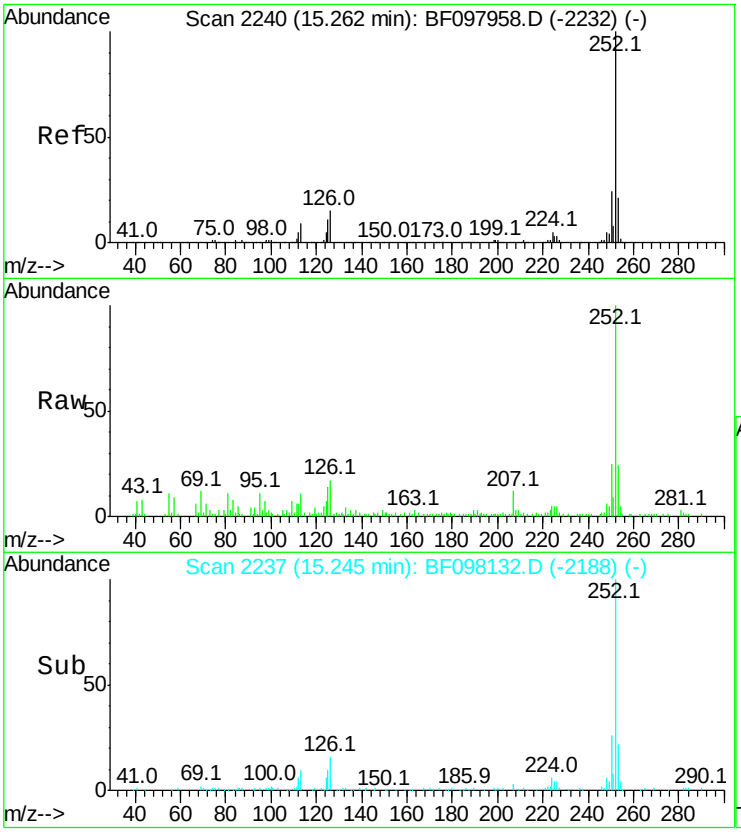


#88
Benzo(k)fluoranthene
Concen: 6.958 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.04 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:252 Resp: 84084

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	14.2	13.1	19.7



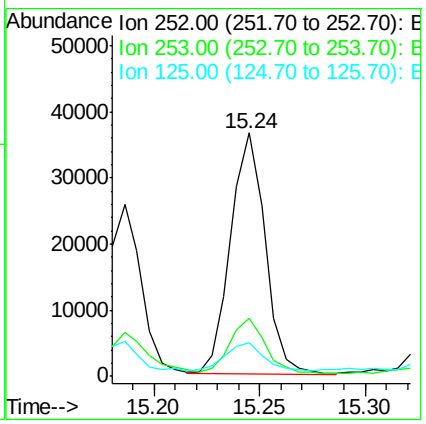


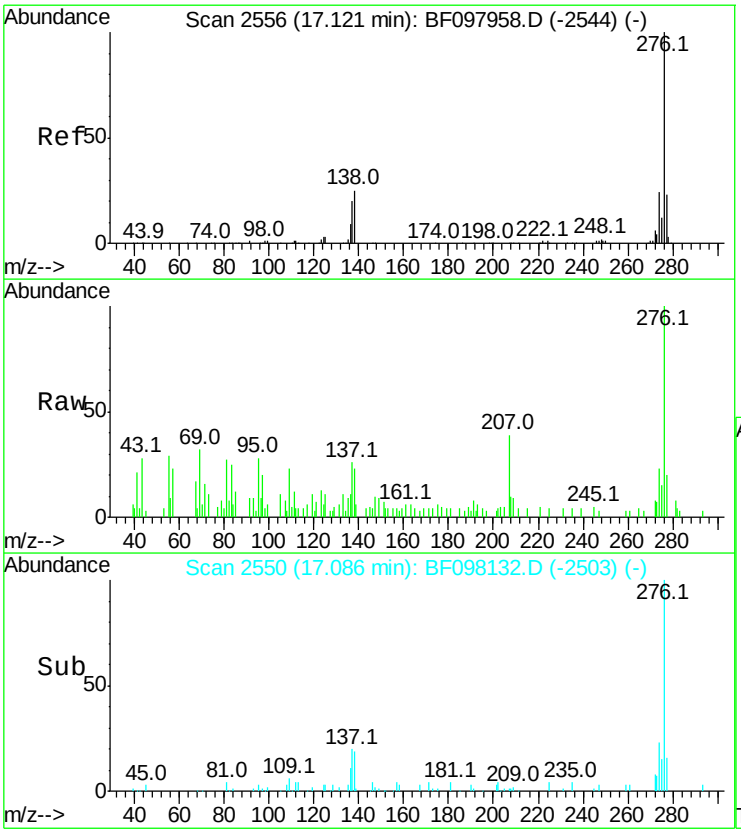
#89
Benzo(a)pyrene
Concen: 3.644 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 41494

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	13.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.061 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF098132.D
Acq: 30 Aug 2017 1:14

Tgt Ion:276 Resp: 19936

Ion	Ratio	Lower	Upper
276	100		
277	19.6	18.6	28.0
138	23.0	25.4	38.0#