Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101091.D
Acq On : 4 Dec 2017 12:15
Operator : SJ/JU
Sample : I6616-01RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 04 14:50:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53316	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	206981	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	98265	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	174968	20.00	ng		0.00
75) Chrysene-d12	14.02	240	122306	20.00	ng		0.00
86) Perylene-d12	15.49	264	126671	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	312273	96.78	ng		0.00
7) Phenol-d6	6.48	99	384341	98.11	ng		0.00
23) Nitrobenzene-d5	7.41	82	237578	68.47	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	103231	87.45	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	457768	63.74	ng		0.00
78) Terphenyl-d14	12.96	244	353881	63.29	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	7389	3.08	ng		87
19) n-Nitroso-di-n-propylamine	7.41	70	30825	11.68	ng	#	86
25) Isophorone	7.41	82	237575	40.09	ng	#	64
49) Dimethylphthalate	9.59	163	26087	3.29	ng		99
50) 2,6-Dinitrotoluene	9.88	165	12858	7.70	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	12858	5.75	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	6383	3.26	ng	#	1
74) Fluoranthene	12.59	202	29354	2.75	ng		94
77) Pyrene	12.82	202	26090	3.09	ng		99
82) Chrysene	14.00	228	14763	2.06	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	16261	3.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	13260	2.08	ng		90
87) Benzo(b)fluoranthene	15.06	252	37107	4.89	ng	#	87
88) Benzo(k)fluoranthene	15.06	252	37107	4.96	ng	#	90
89) Benzo(a)pyrene	15.42	252	17160	2.49	ng	#	89
91) Benzo(g,h,i)perylene	17.42	276	13123	2.29	ng	#	90

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

Quantitation Report (Not Reviewed)

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Acq On : 4 Dec 2017 12:15
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Misc :
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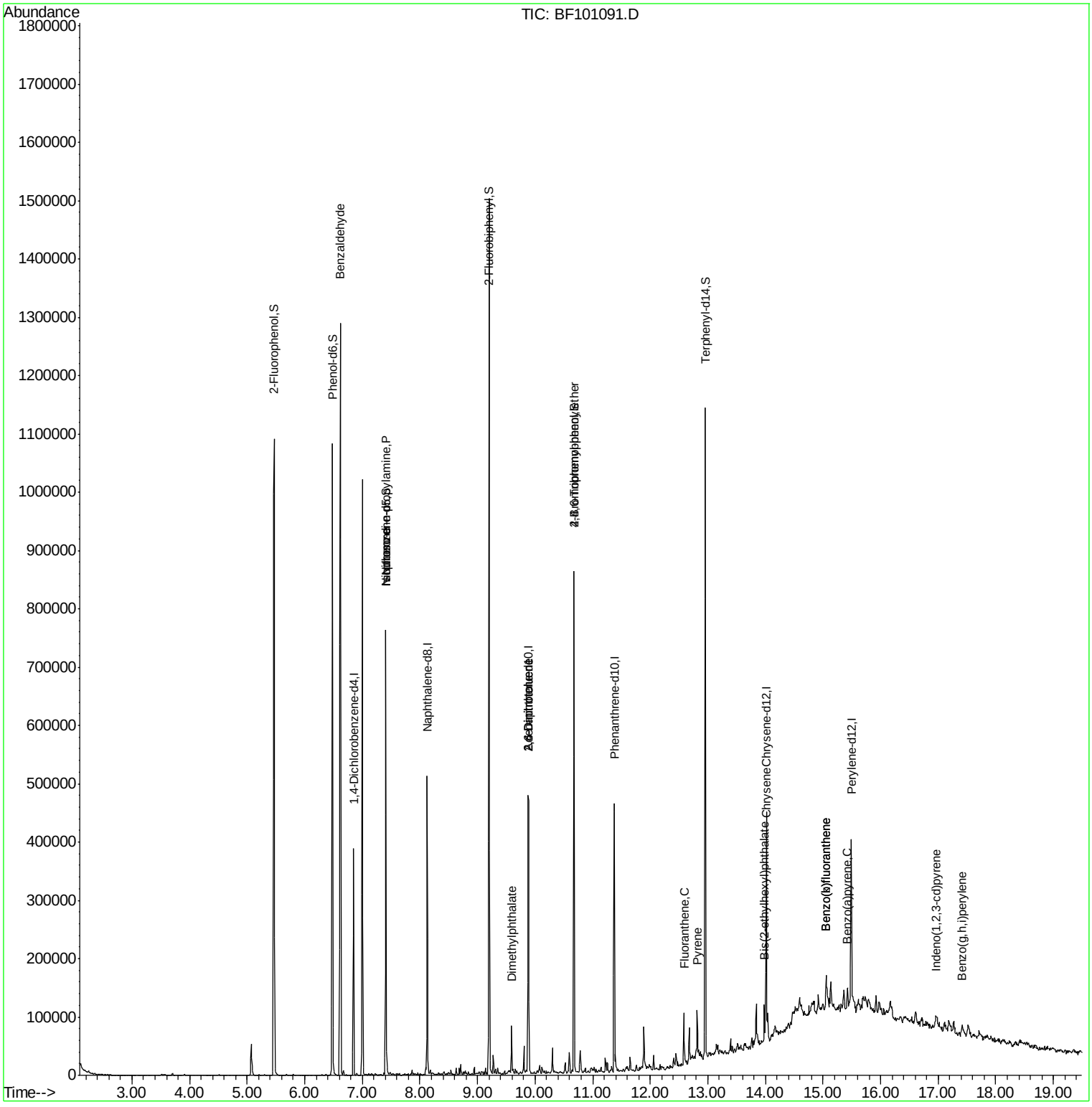
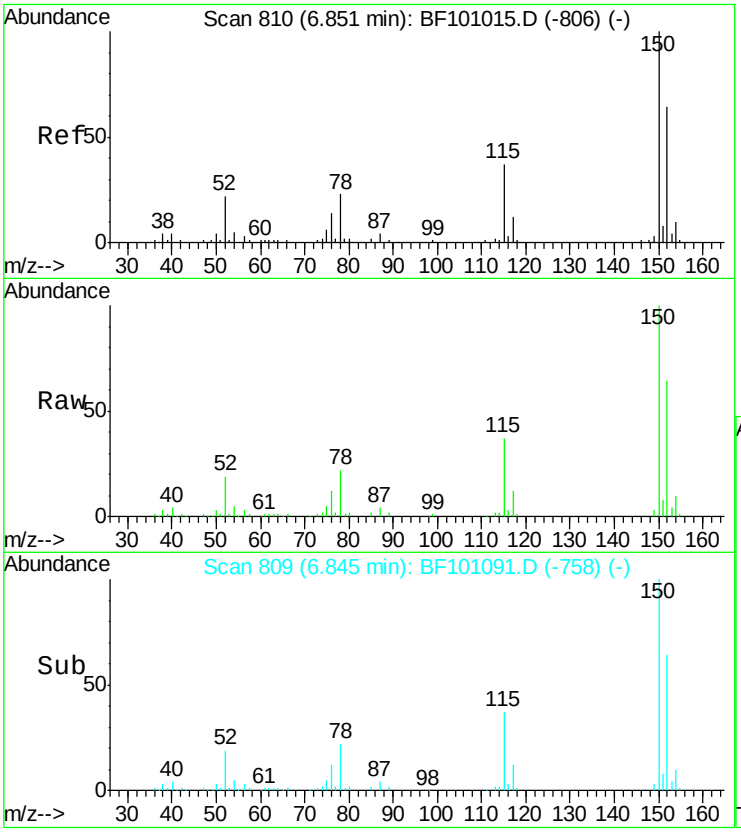
Quant Time: Dec 04 14:50:41 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



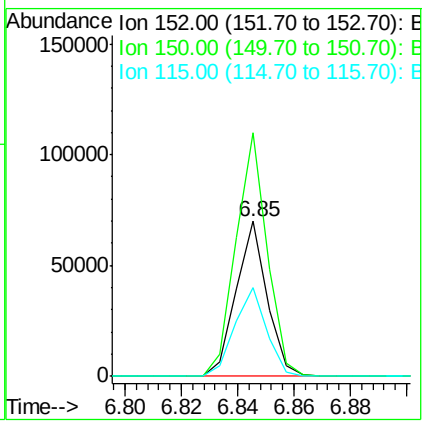


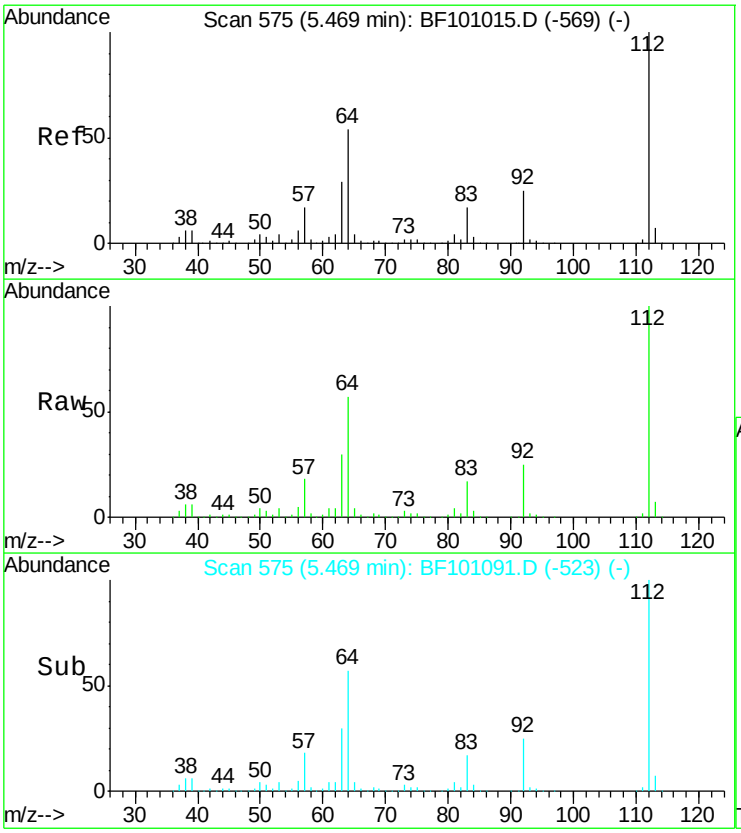
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 53316

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	57.5	50.1	75.1

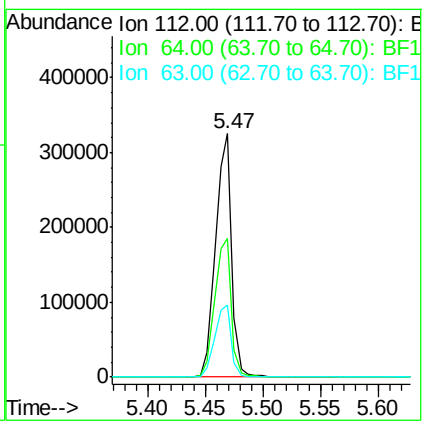


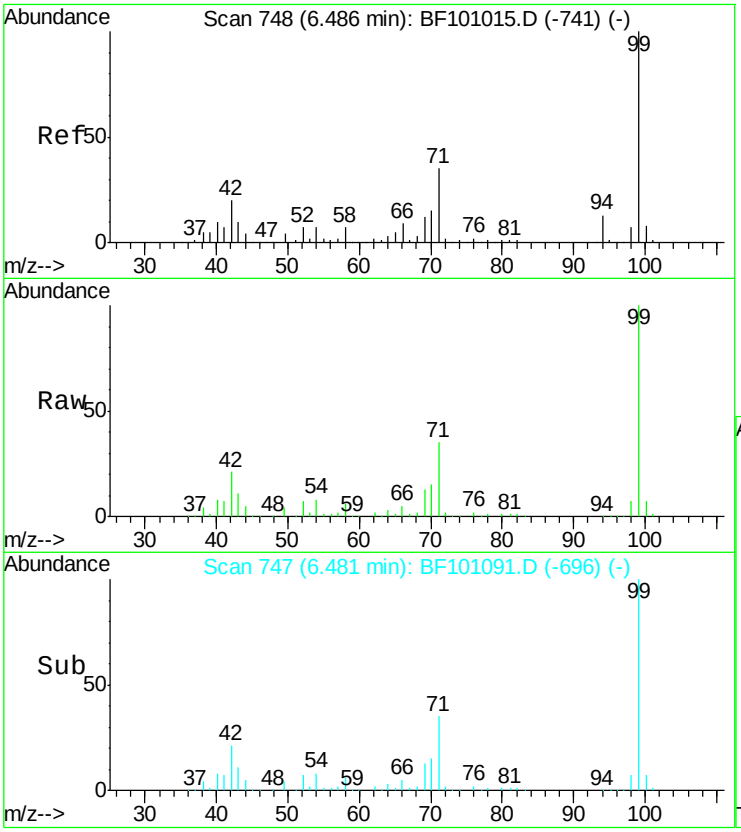


#5
2-Fluorophenol
Concen: 96.78 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:112 Resp: 312273

Ion	Ratio	Lower	Upper
112	100		
64	57.1	47.9	71.9
63	29.7	23.7	35.5



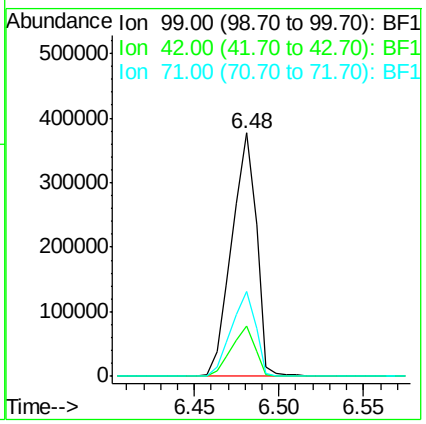


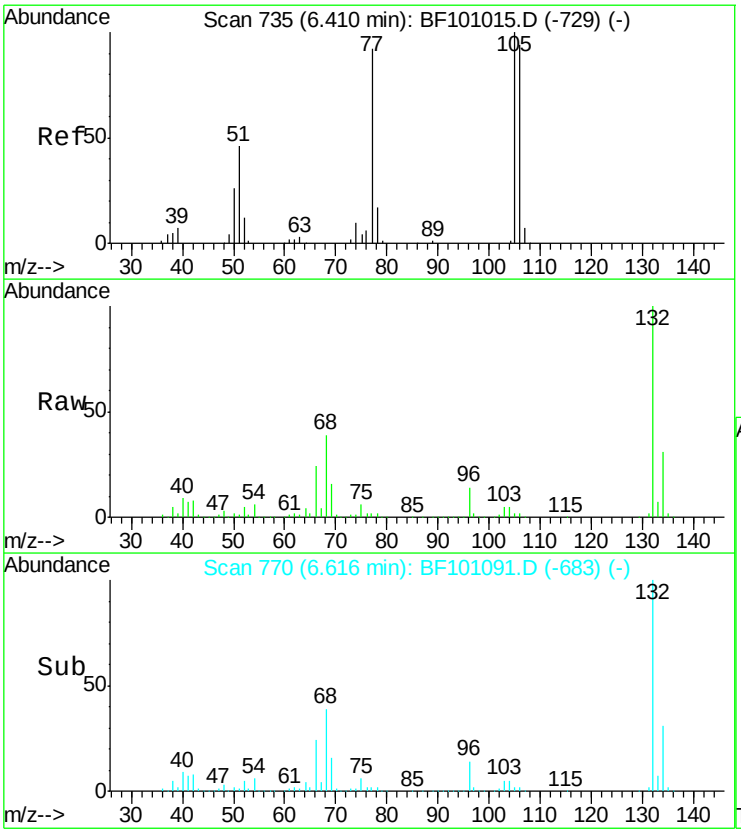
#7
Phenol-d6
Concen: 98.11 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 384341

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	35.1	25.4	38.0

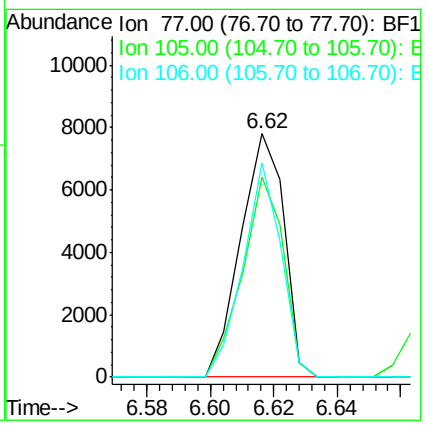


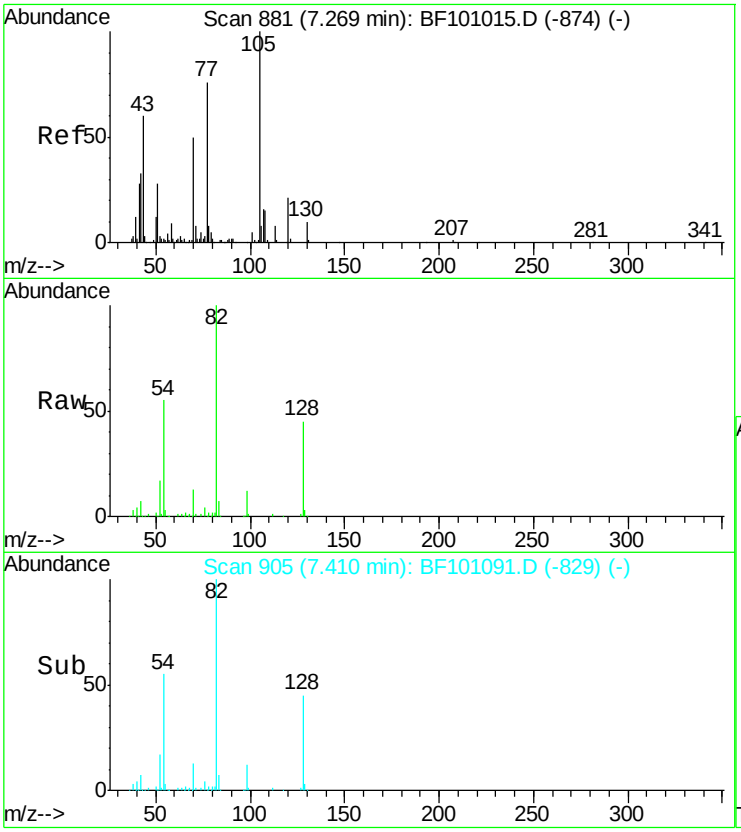


#9
Benzaldehyde
Concen: 3.08 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion: 77 Resp: 7389

Ion	Ratio	Lower	Upper
77	100		
105	82.2	81.1	121.1
106	88.0	74.5	114.5



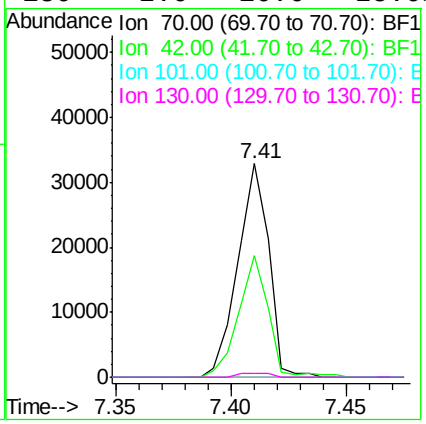


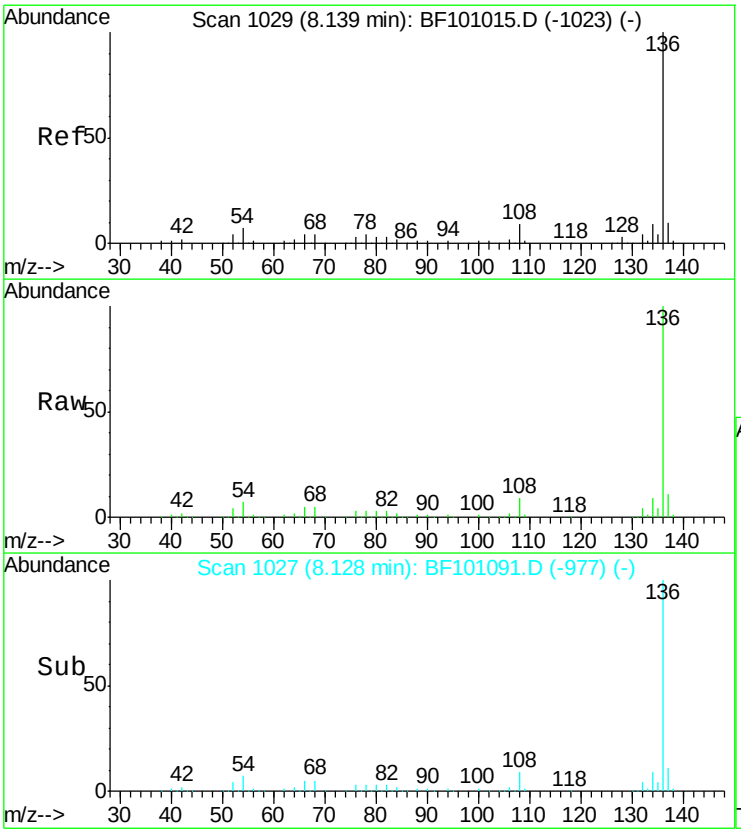
#19
n-Nitroso-di-n-propylamine
Concen: 11.68 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 30825

Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

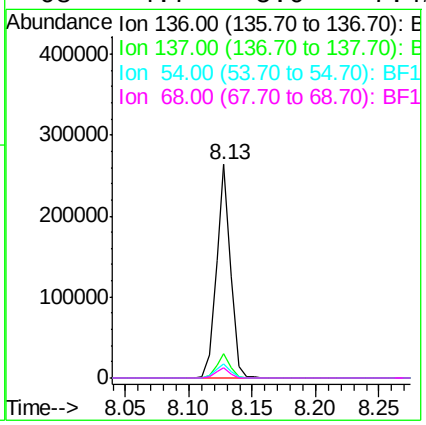


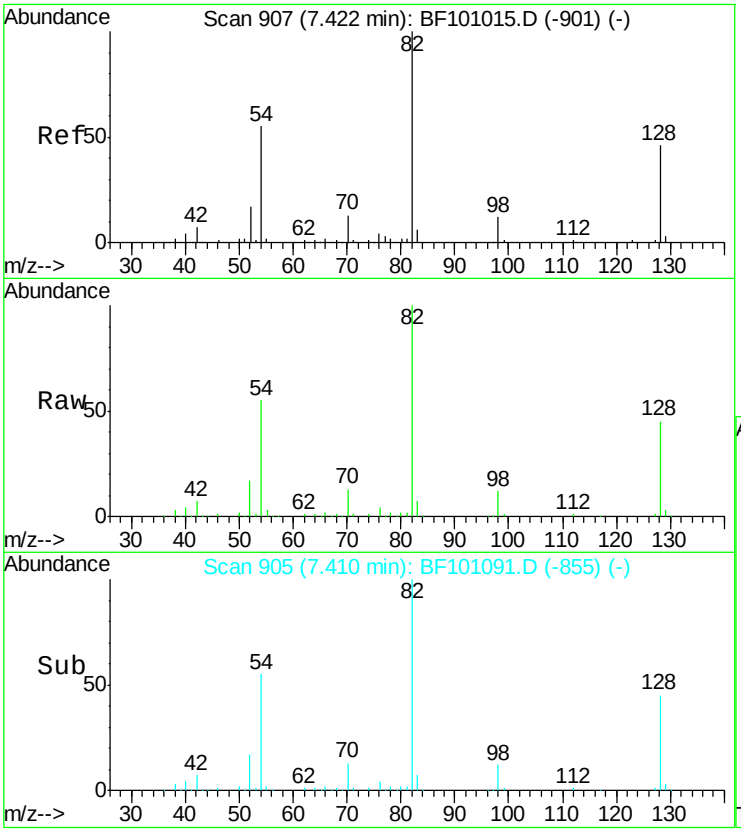


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:136 Resp: 206981

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	6.6	9.8
68	4.7	5.0	7.4#



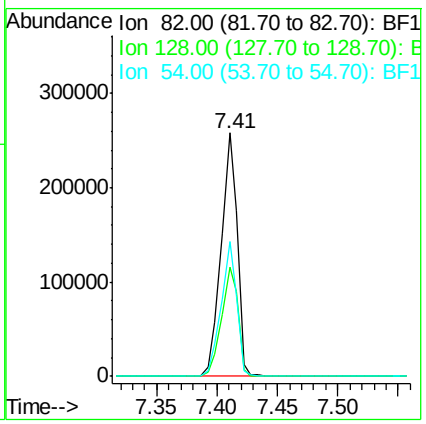


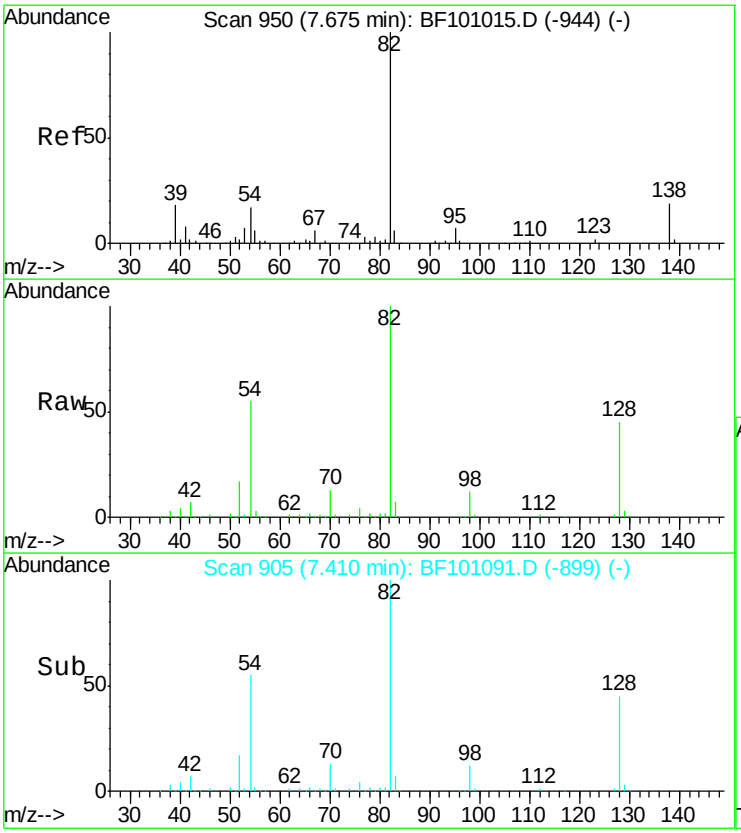
#23
Nitrobenzene-d5
Concen: 68.47 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 237578

Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	55.1	41.4	62.2

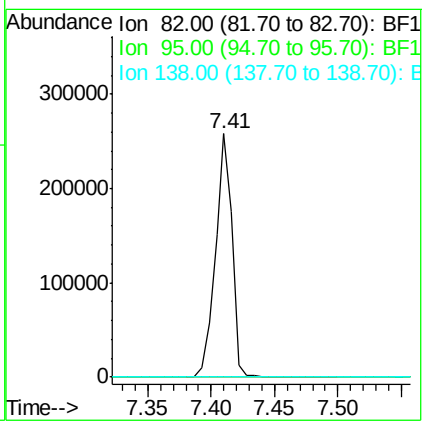


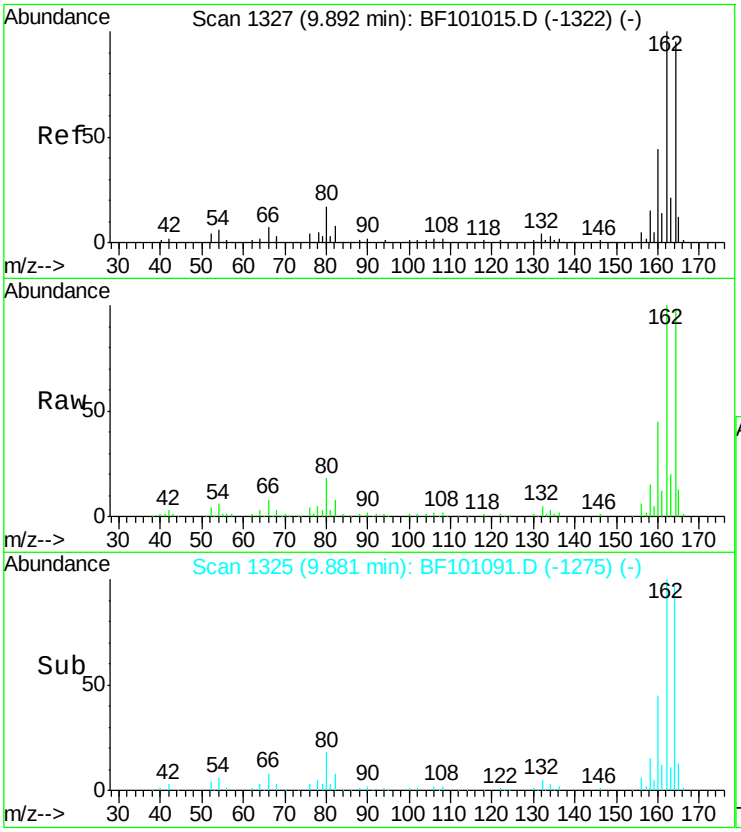


#25
Isophorone
Concen: 40.09 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion: 82 Resp: 237575

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



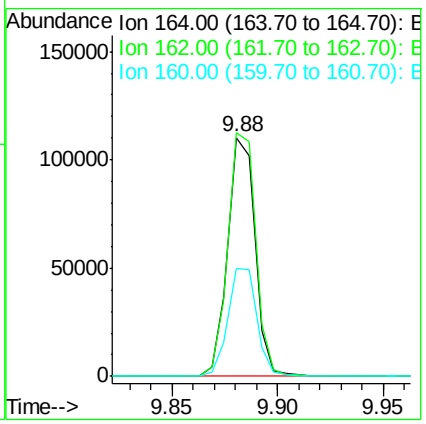


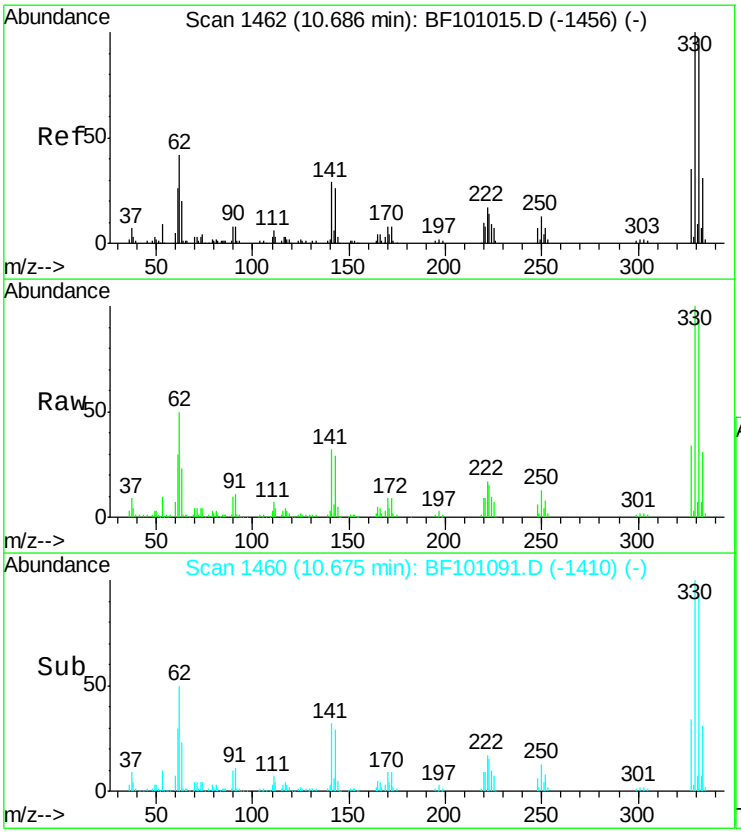
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 98265

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.3	38.3	57.5

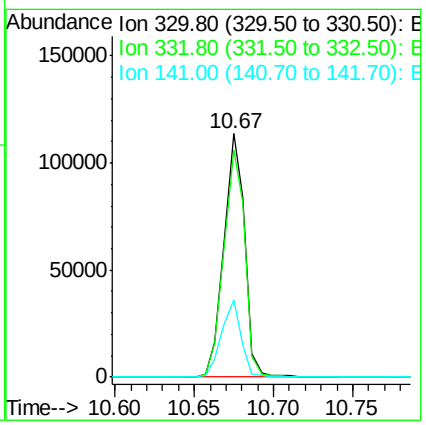


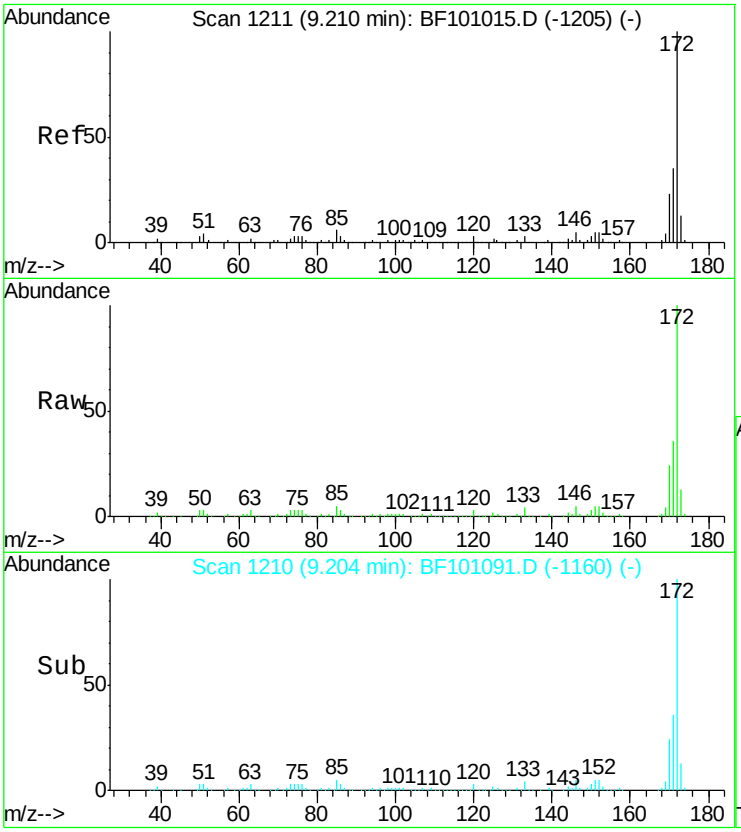


#41
2,4,6-Tribromophenol
Concen: 87.45 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:330 Resp: 103231

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	30.0	29.9	44.9



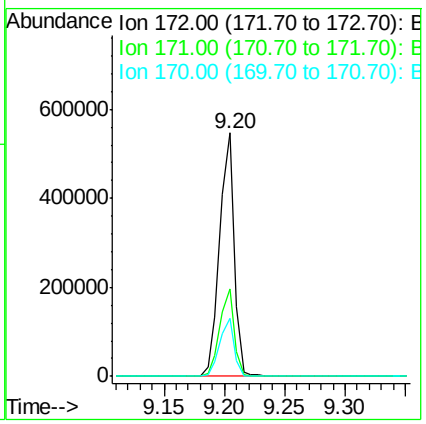


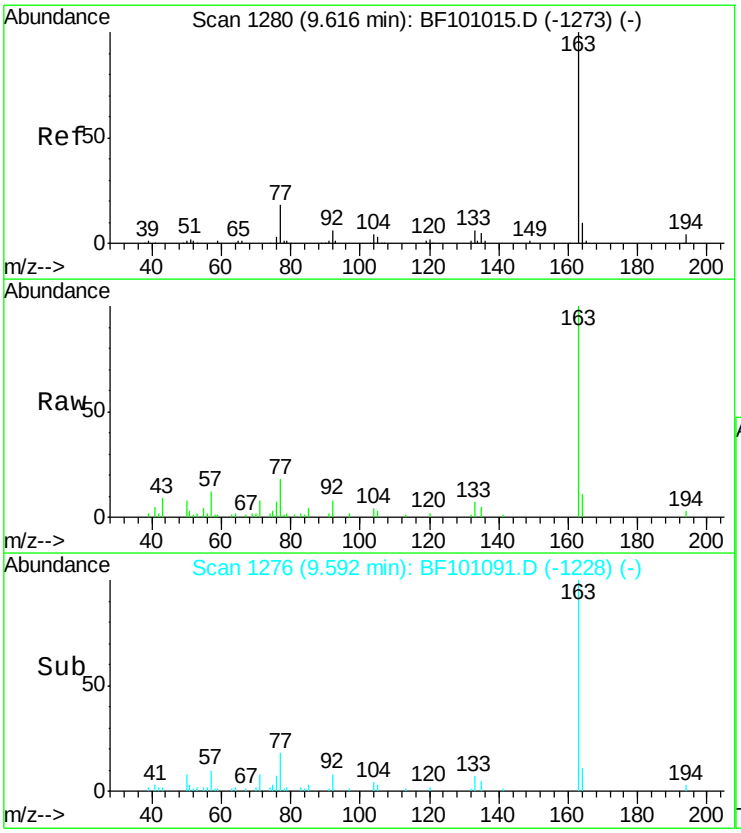
#44
2-Fluorobiphenyl
Concen: 63.74 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 457768

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.9	19.6	29.4

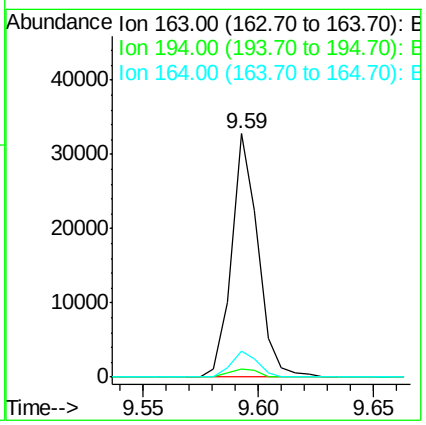


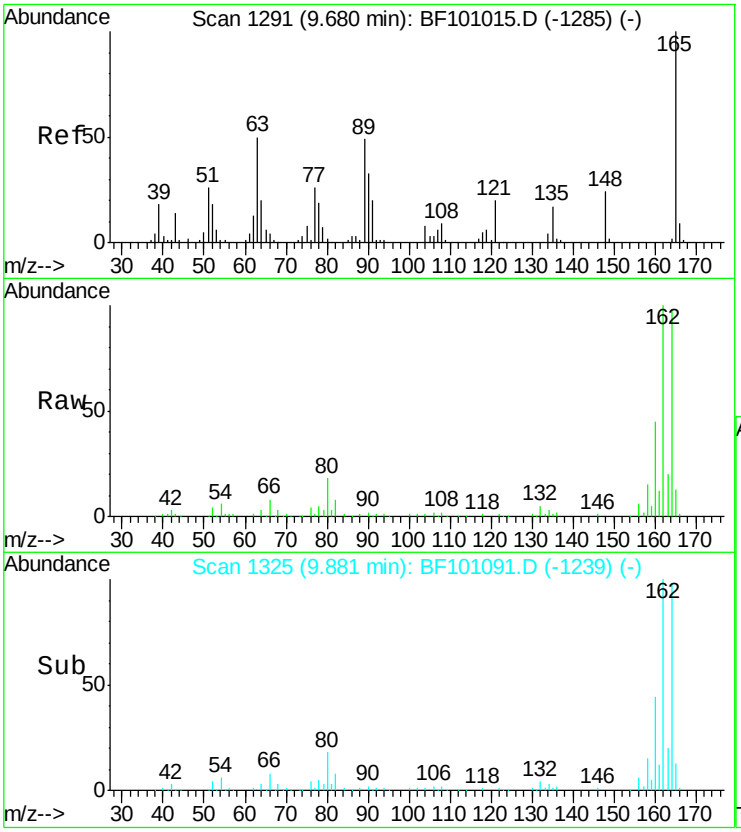


#49
Dimethylphthalate
Concen: 3.29 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:163 Resp: 26087

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.7	8.2	12.2



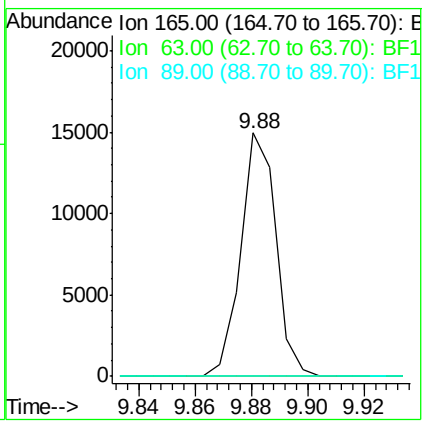


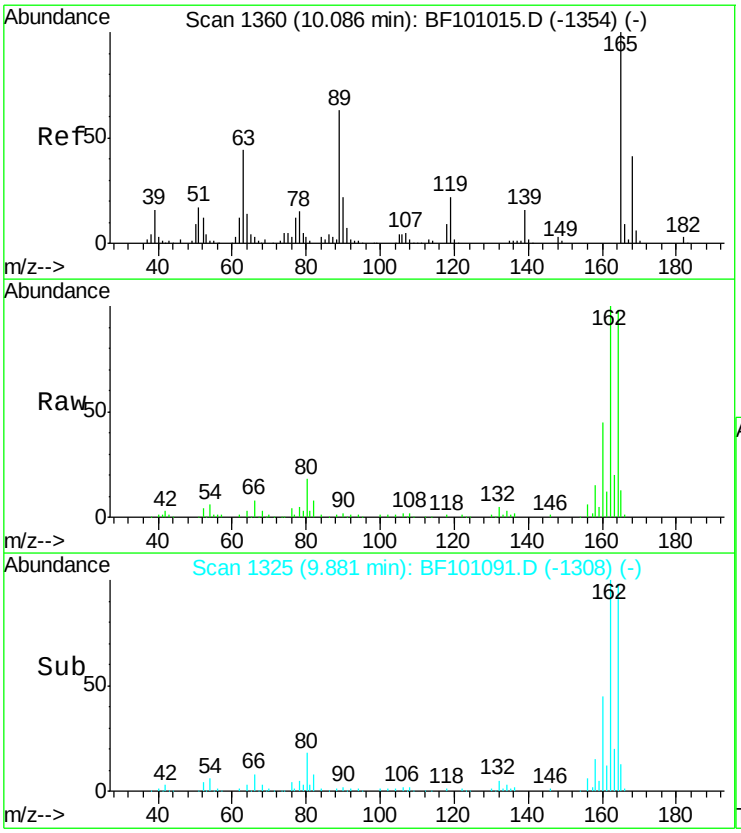
#50
2,6-Dinitrotoluene
Concen: 7.70 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12858

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

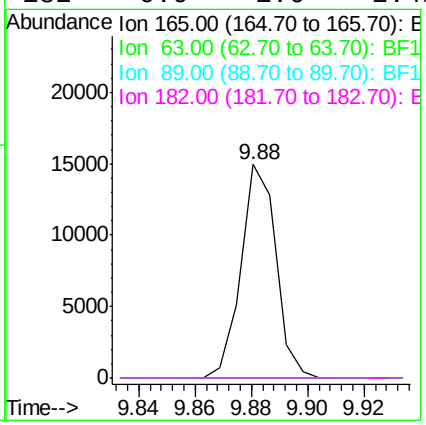


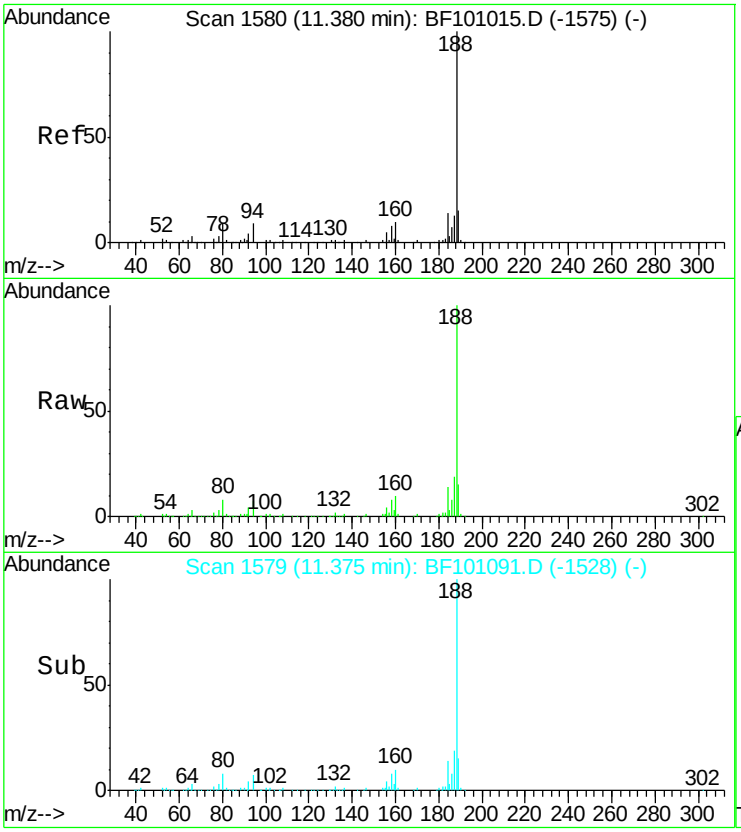


#56
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:165 Resp: 12858

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#



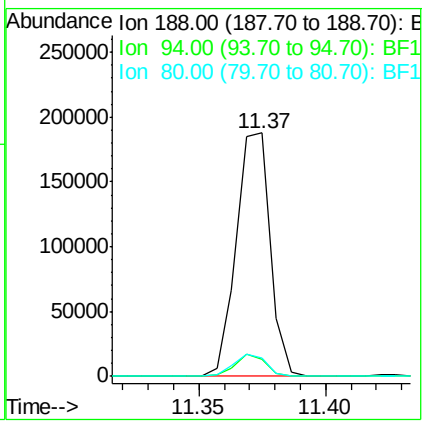


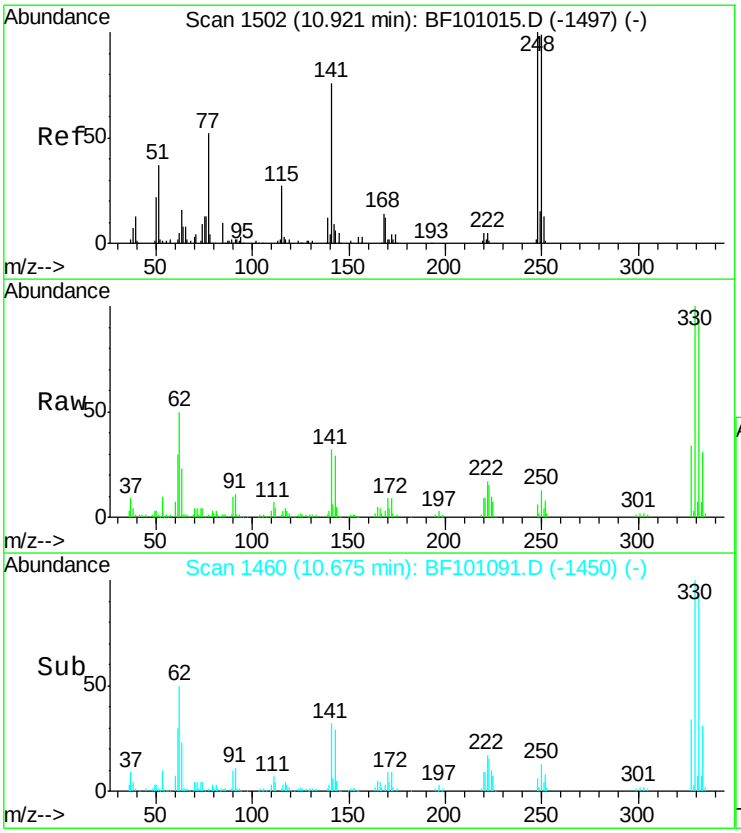
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 174968

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	7.6	9.2	13.8#

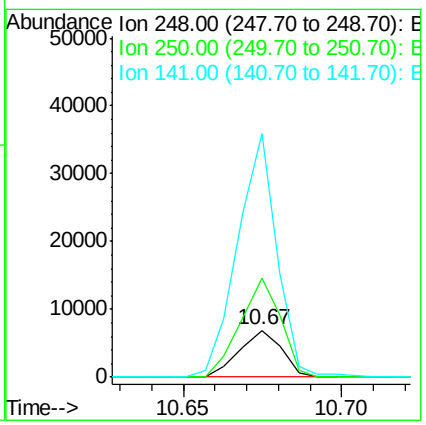


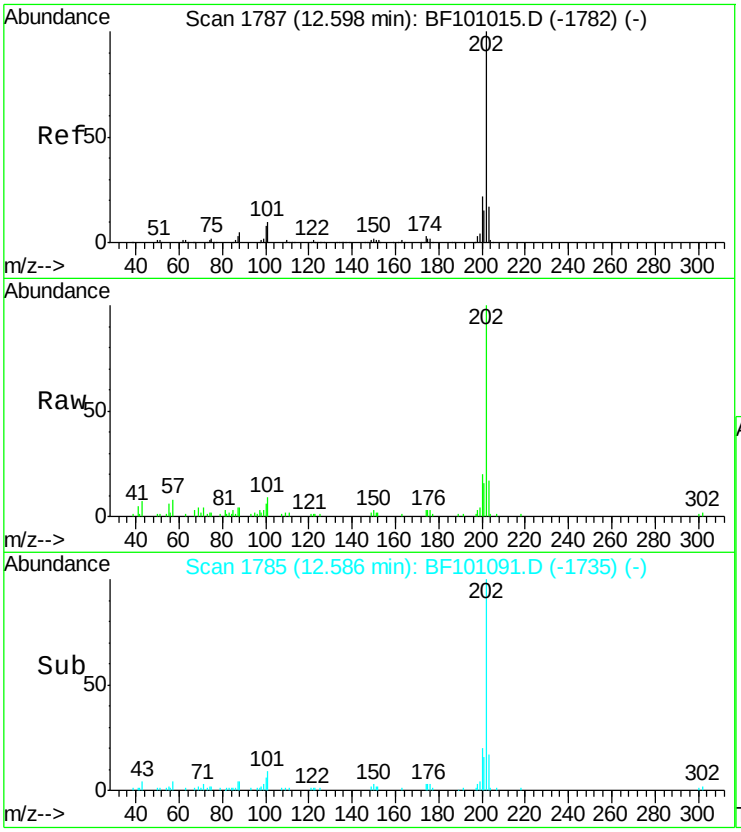


#66
4-Bromophenyl-phenylether
Concen: 3.26 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:248 Resp: 6383

Ion	Ratio	Lower	Upper
248	100		
250	210.8	76.9	115.3#
141	521.1	74.4	111.6#



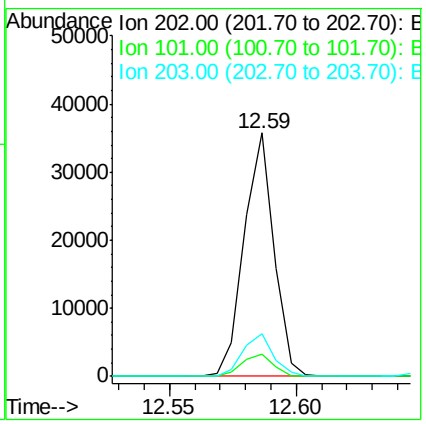


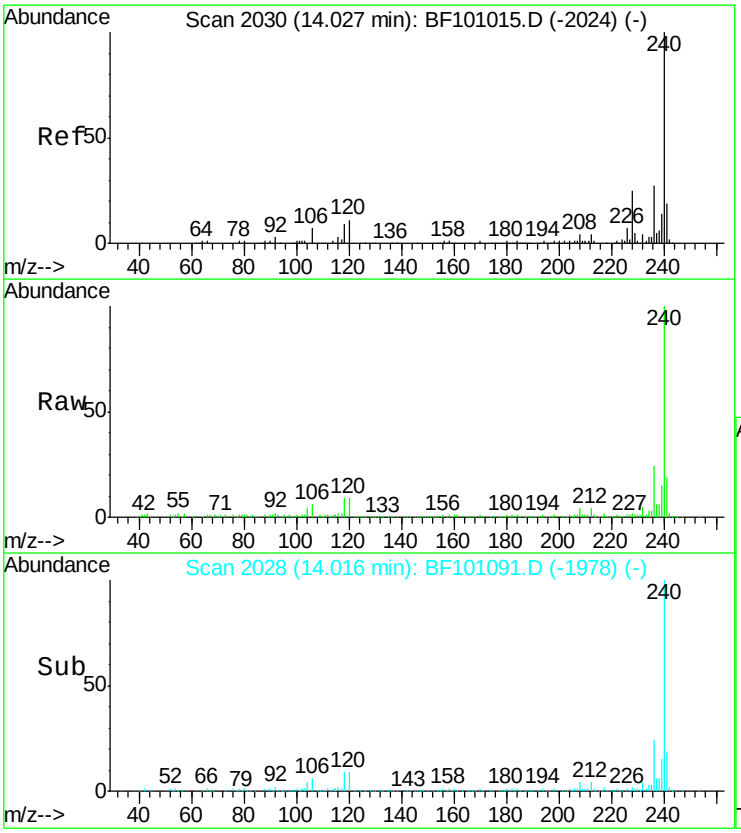
#74
Fluoranthene
Concen: 2.75 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 29354

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.1
203	17.3	0.0	38.1

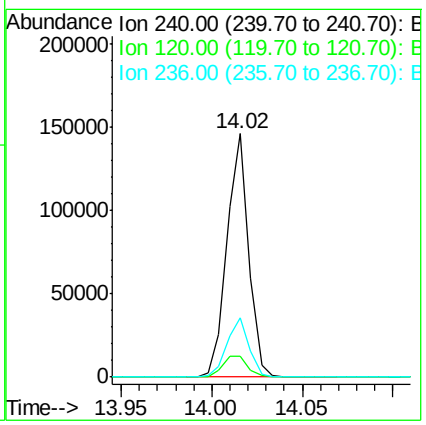


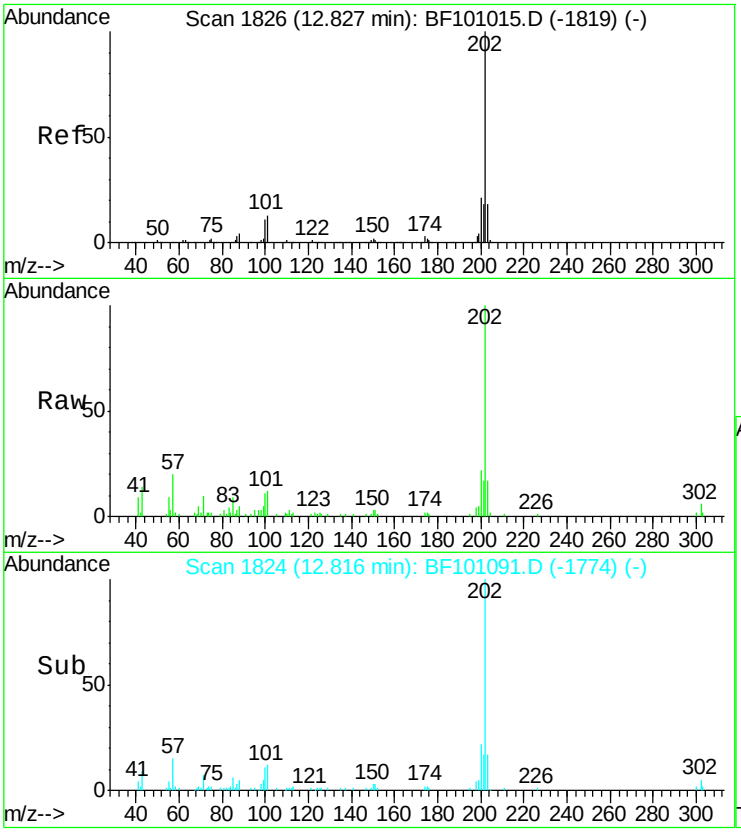


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:240 Resp: 122306

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	24.4	20.7	31.1



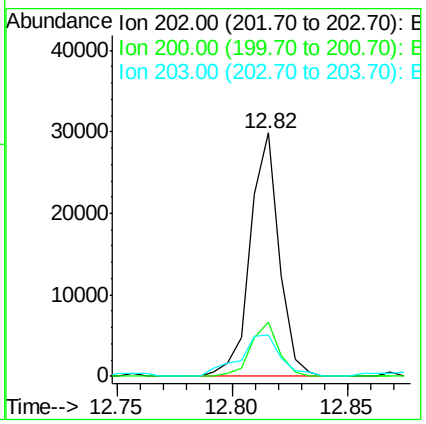


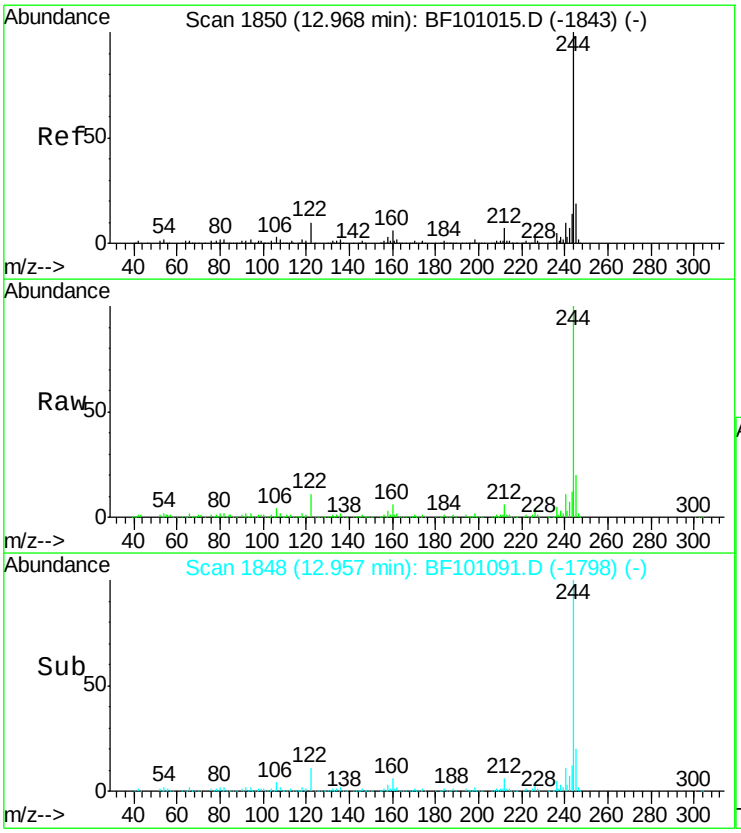
#77
Pyrene
Concen: 3.09 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 26090

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.2	14.3	21.5

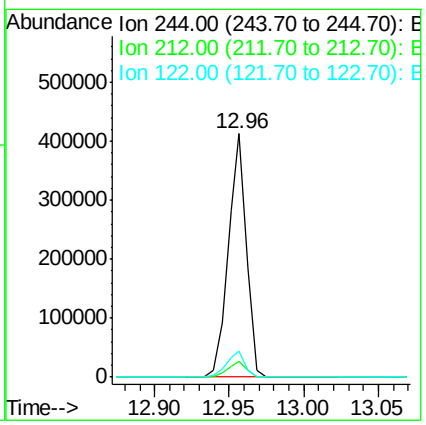


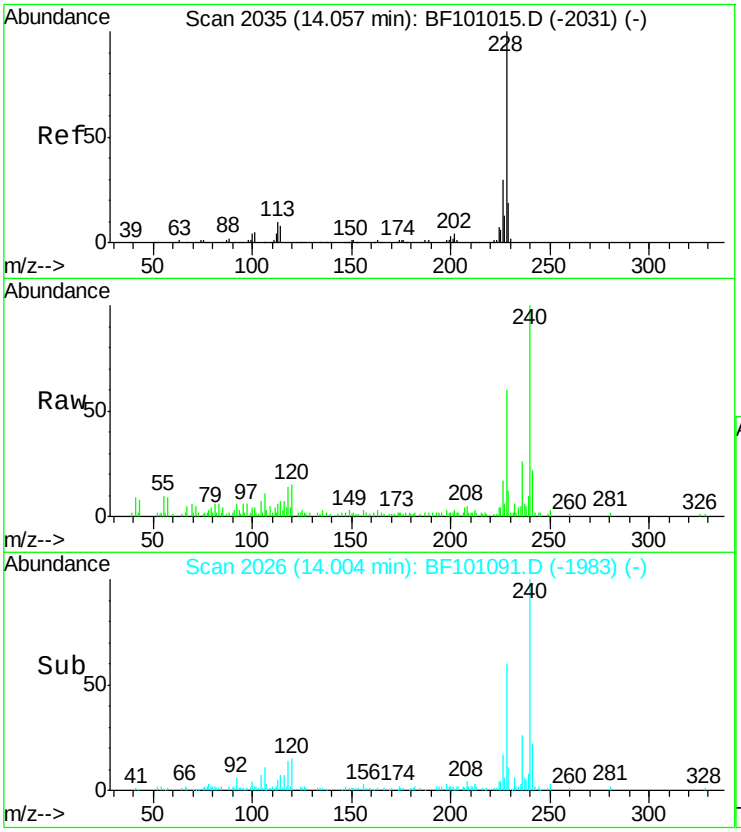


#78
Terphenyl-d14
Concen: 63.29 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:244 Resp: 353881

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.6	11.0	16.4#



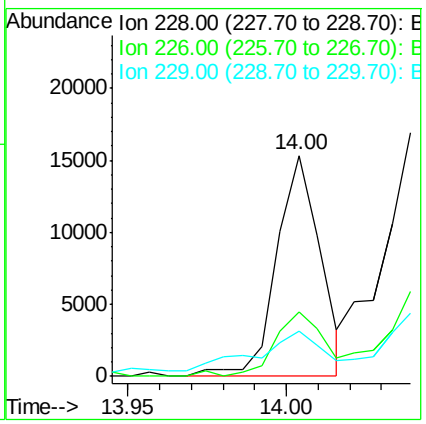


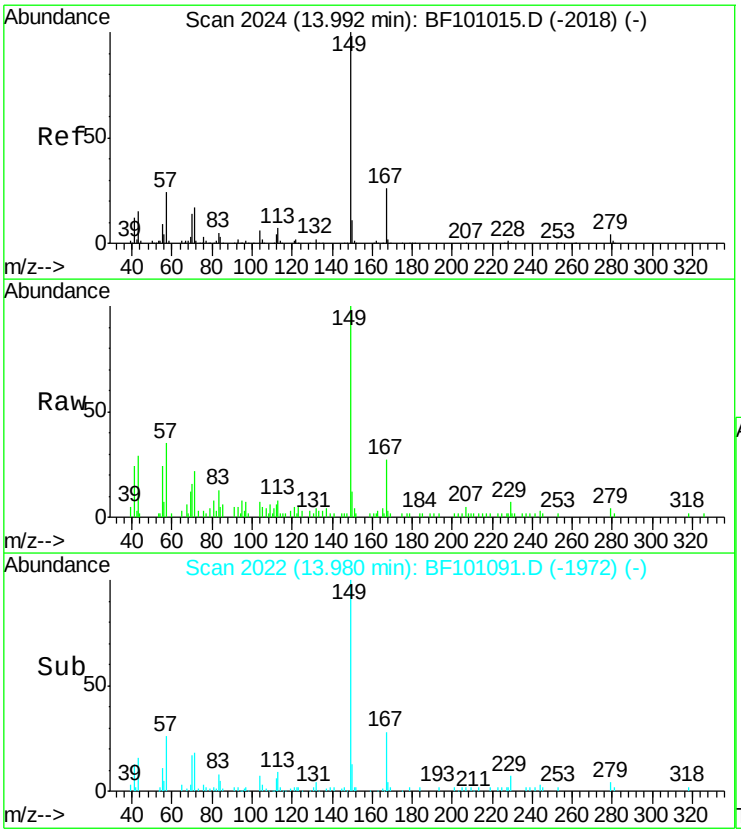
#82
Chrysene
Concen: 2.06 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.05 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 14763

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	20.5	16.2	24.4

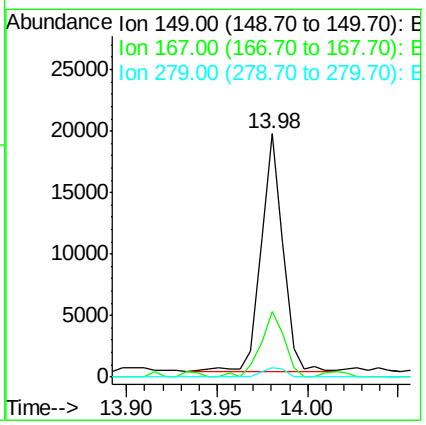


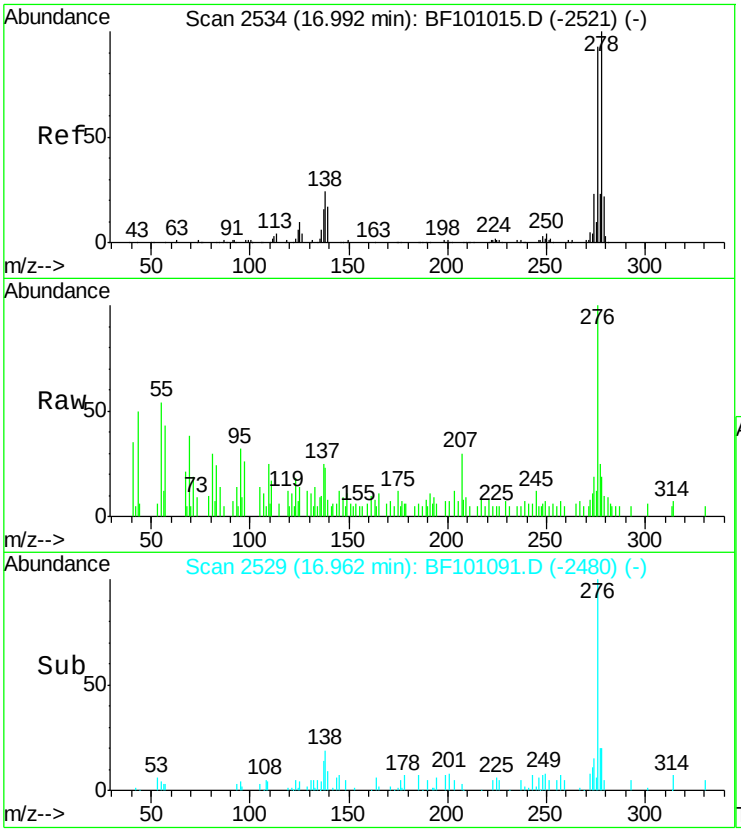


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.07 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:149 Resp: 16261

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.8	3.0	4.4



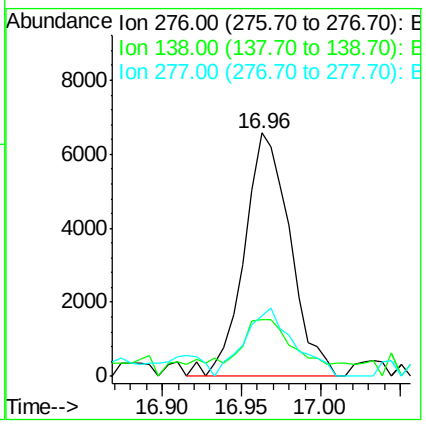


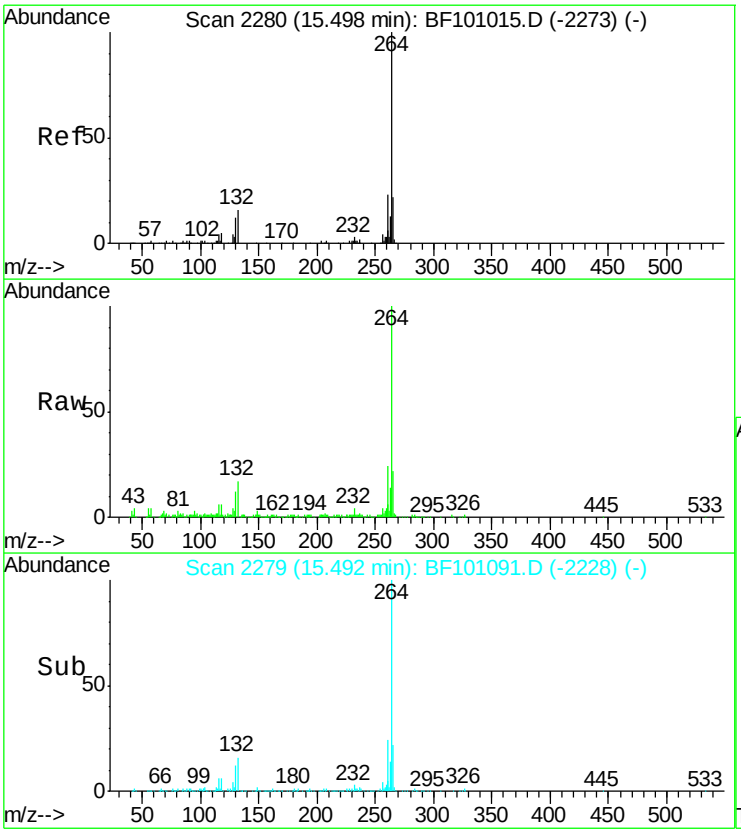
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.08 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 13260

Ion	Ratio	Lower	Upper
276	100		
138	36.9	25.0	37.6
277	29.9	20.1	30.1

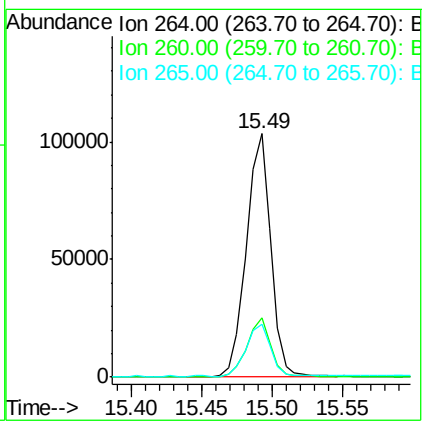


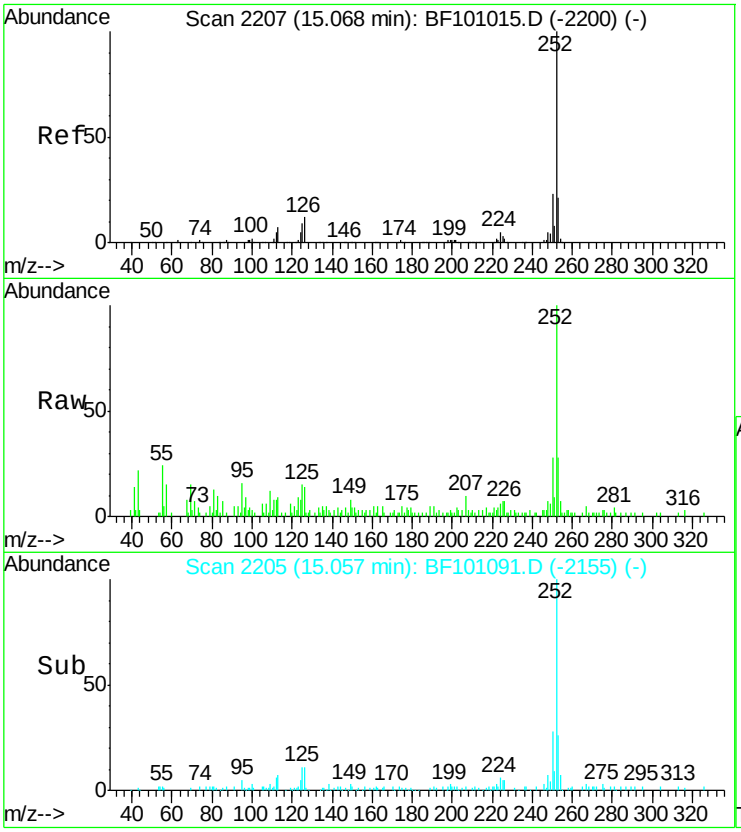


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:264 Resp: 126671

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3



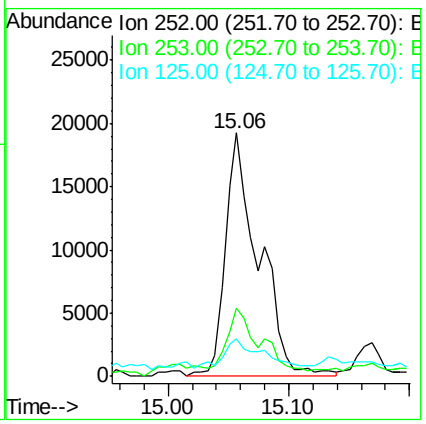


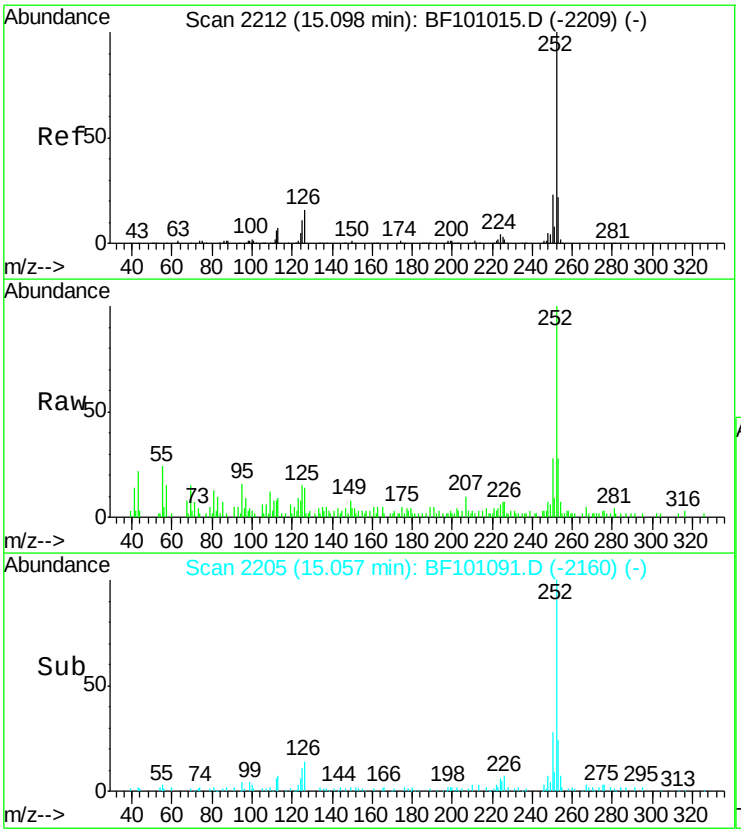
#87
Benzo(b)fluoranthene
Concen: 4.89 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 37107

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.0	25.6#
125	15.4	9.0	13.6#

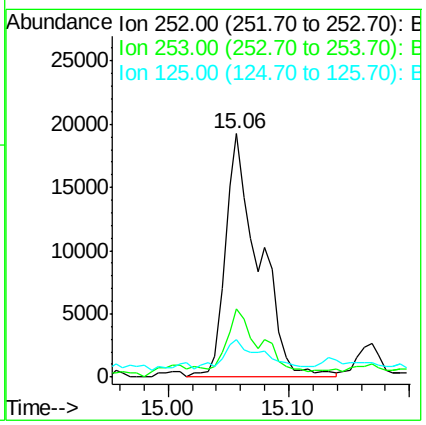


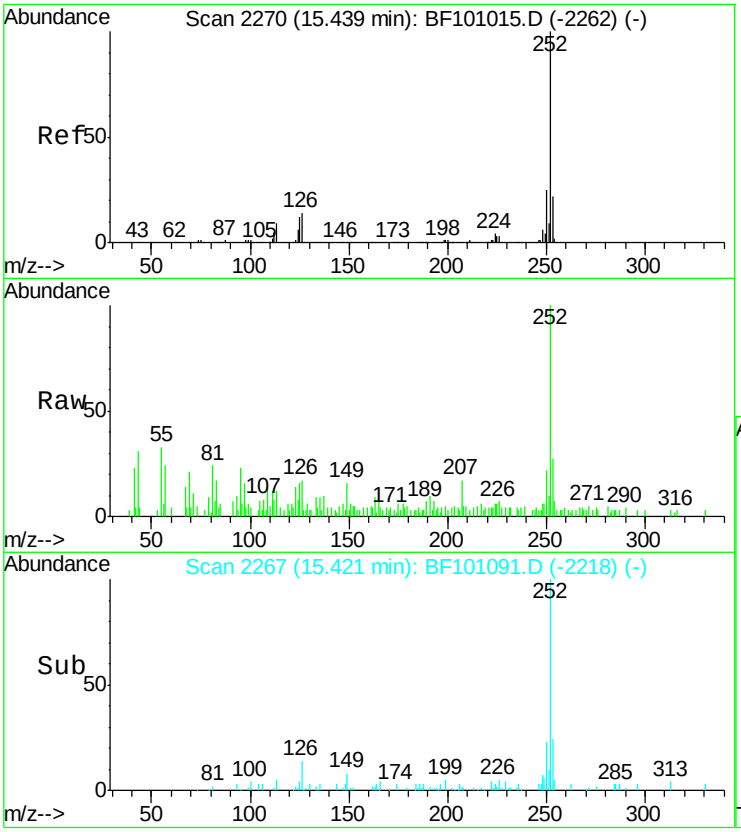


#88
Benzo(k)fluoranthene
Concen: 4.96 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.03 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:252 Resp: 37107

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.9	26.9#
125	15.4	10.2	15.2#



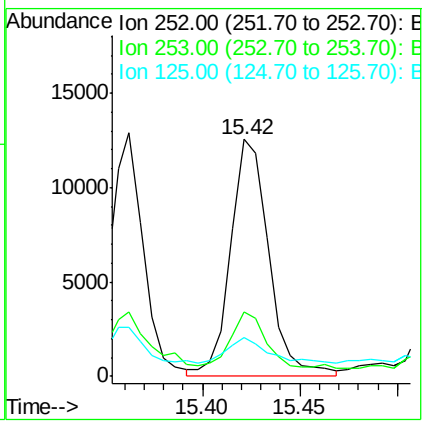


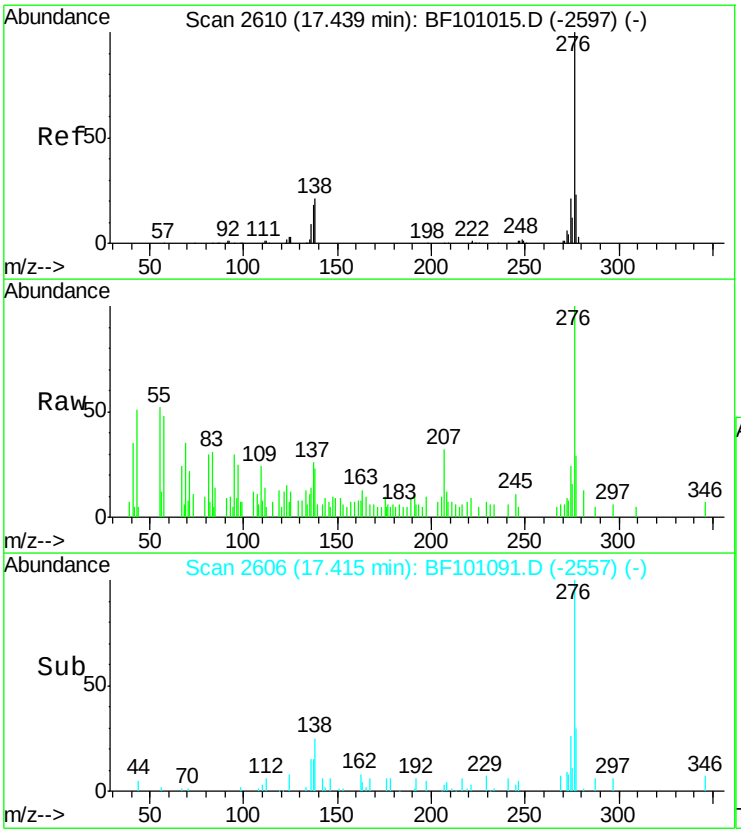
#89
Benzo(a)pyrene
Concen: 2.49 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 17160

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7#
125	16.3	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.29 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF101091.D
Acq: 4 Dec 2017 12:15

Tgt Ion:276 Resp: 13123

Ion	Ratio	Lower	Upper
276	100		
277	28.7	17.9	26.9#
138	23.5	21.8	32.8