Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090117\
Data File : BF098218.D
Acq On : 1 Sep 2017 11:24
Operator : SJ/JU
Sample : I5027-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-082917

Quant Time: Sep 01 13:00:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	123174	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	493026	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	214951	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	364022	20.00	ng		0.00
75) Chrysene-d12	13.87	240	255670	20.00	ng		0.00
86) Perylene-d12	15.28	264	256592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	185360	22.89	ng		0.00
7) Phenol-d6	6.36	99	249801	22.70	ng		-0.01
23) Nitrobenzene-d5	7.28	82	149300	16.45	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	37579	20.15	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	249433	17.05	ng		0.00
78) Terphenyl-d14	12.82	244	154137	12.57	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	19220	2.552	ng	#	71
25) Isophorone	7.28	82	145349	7.702	ng	#	67
49) Dimethylphthalate	9.47	163	49386	3.143	ng		99
50) 2,6-Dinitrotoluene	9.75	165	27946	8.910	ng	#	34
56) 2,4-Dinitrotoluene	9.75	165	27946	7.100	ng	#	34
70) Phenanthrene	11.26	178	122046	6.292	ng		98
74) Fluoranthene	12.44	202	245494	12.125	ng		98
77) Pyrene	12.67	202	203118	9.714	ng		98
80) Benzo(a)anthracene	13.86	228	78898	5.149	ng		99
82) Chrysene	13.89	228	86732	5.690	ng		95
83) Bis(2-ethylhexyl)phthalate	13.85	149	26739	3.010	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	51583	4.600	ng	#	90
87) Benzo(b)fluoranthene	14.87	252	155031	9.585	ng		97
88) Benzo(k)fluoranthene	14.87	252	155031	10.203	ng		95
89) Benzo(a)pyrene	15.22	252	82238	5.744	ng		98
91) Benzo(g,h,i)perylene	17.06	276	51782	4.257	ng	#	92

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

Quantitation Report (Not Reviewed)

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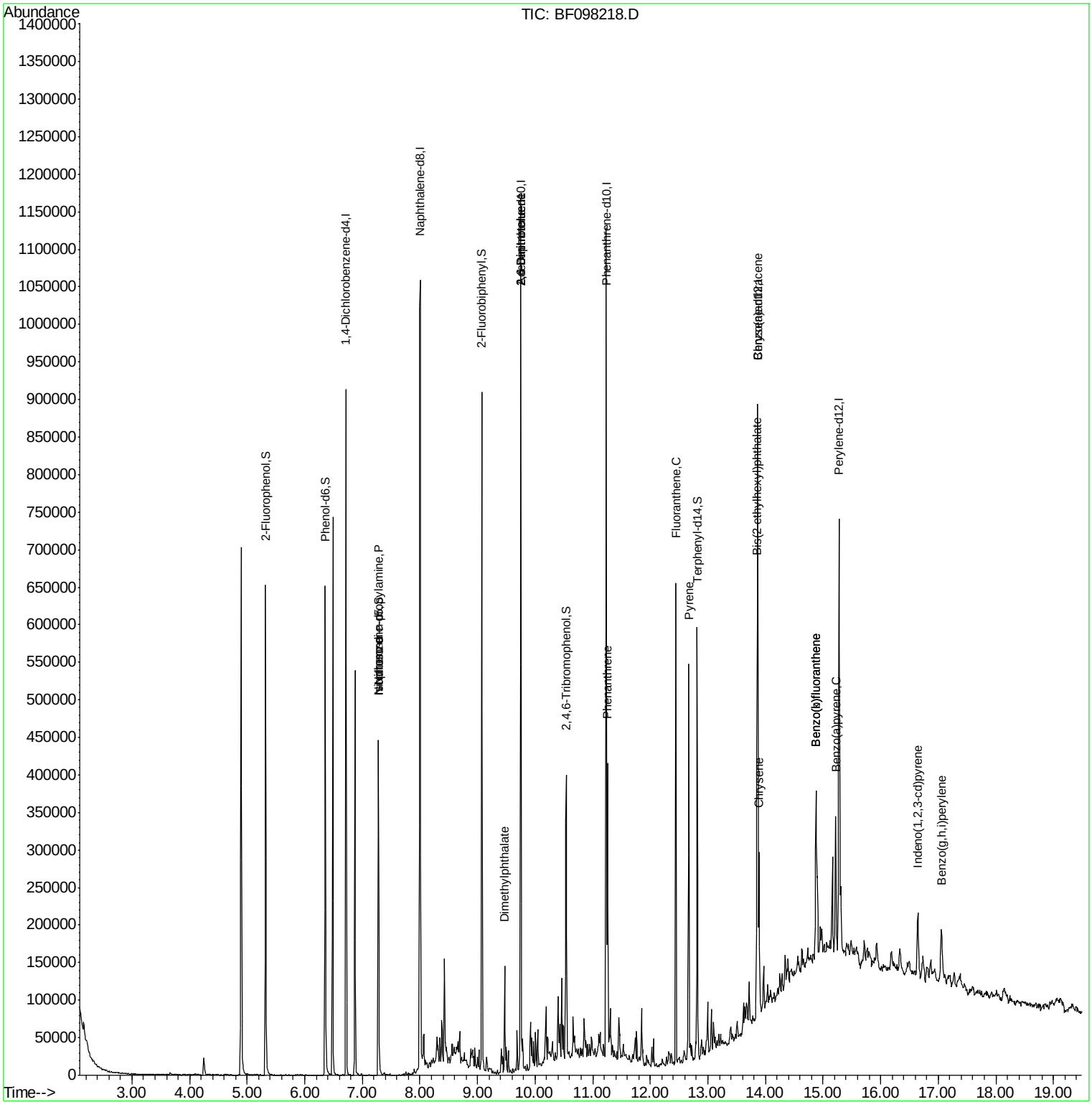
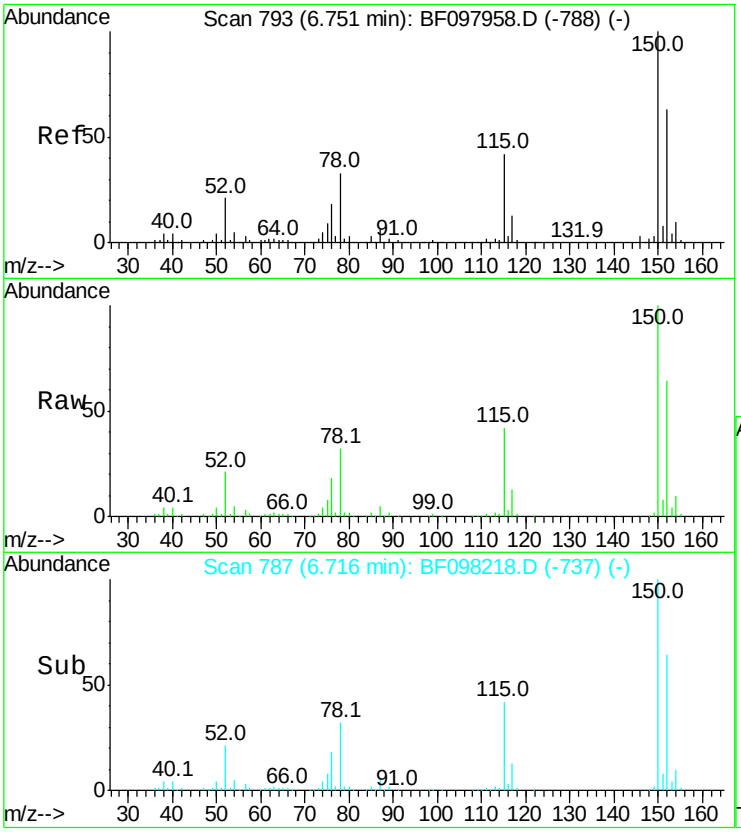
Data File : BF098218.D
Acq On : 1 Sep 2017 11:24
Operator : SJ/JU
Sample : I5027-01 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Quant Time: Sep 01 13:00:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 12:59:02 2017
Response via : Initial Calibration



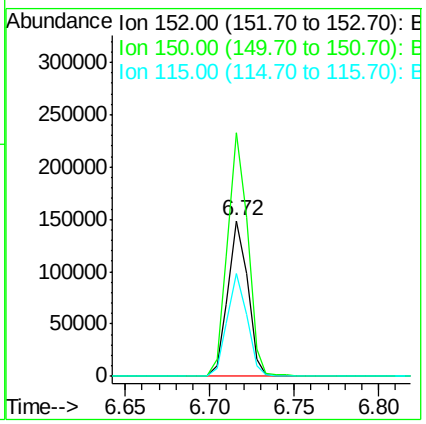


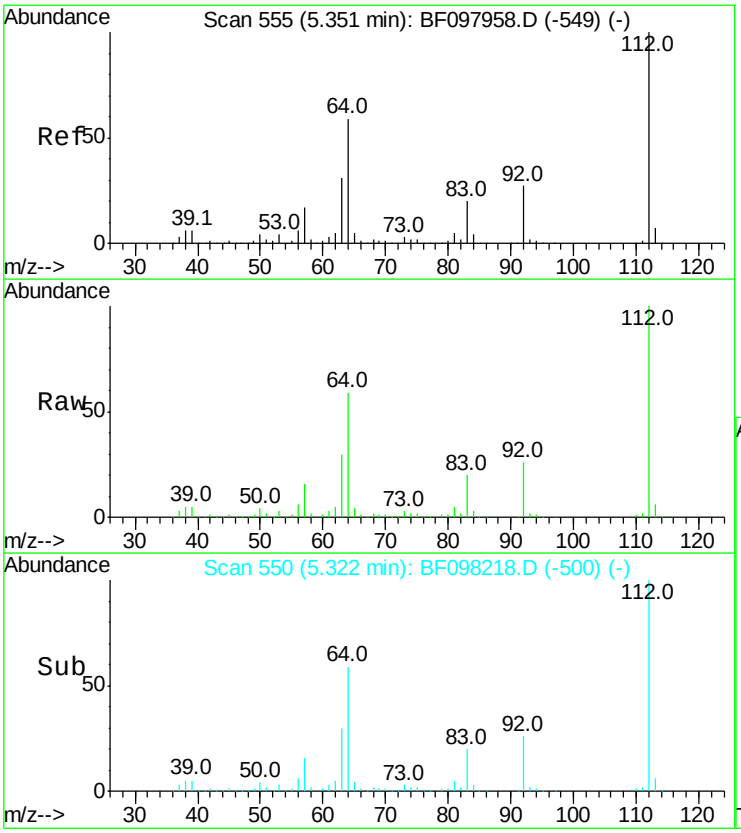
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:152 Resp: 123174

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	66.1	52.2	78.2

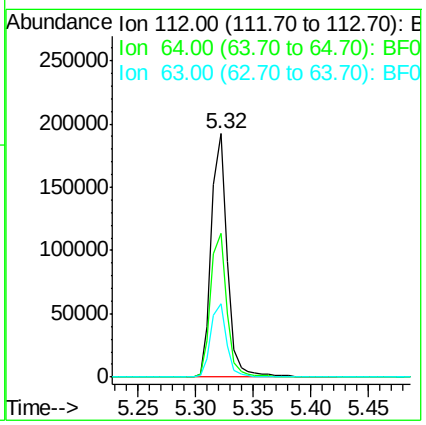


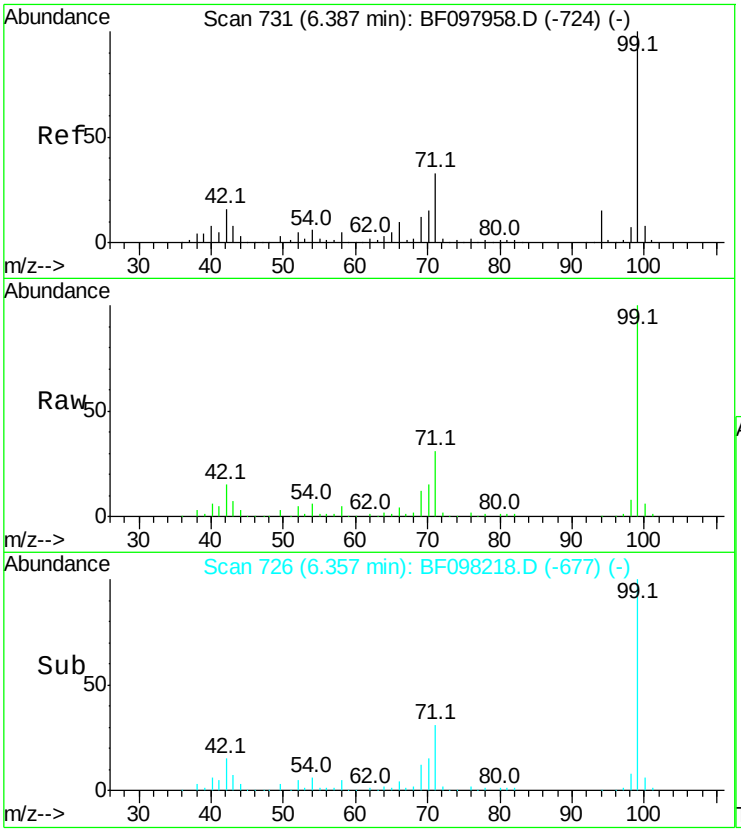


#5
2-Fluorophenol
Concen: 22.890 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:112 Resp: 185360

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	30.1	23.4	35.0



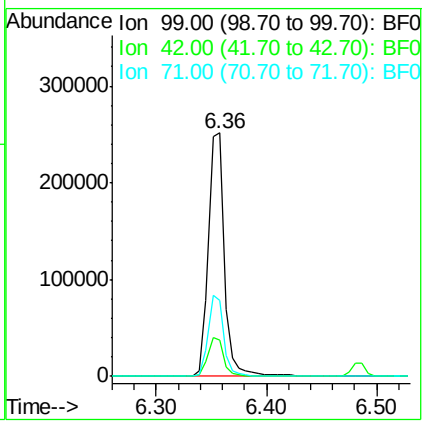


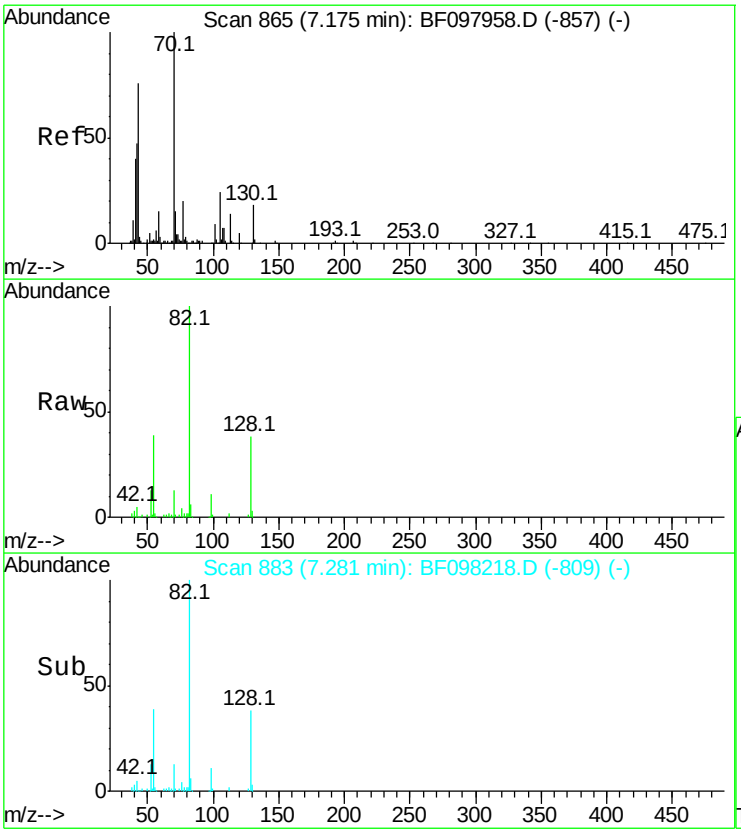
#7
Phenol-d6
Concen: 22.704 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion: 99 Resp: 249801

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	31.1	24.5	36.7

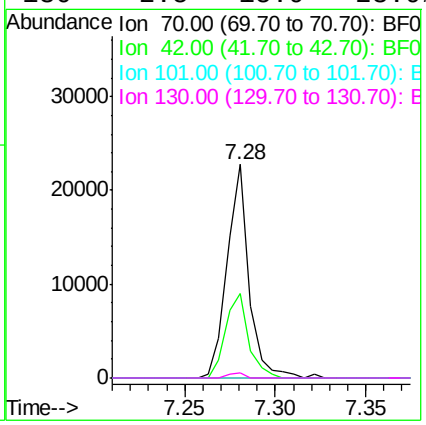


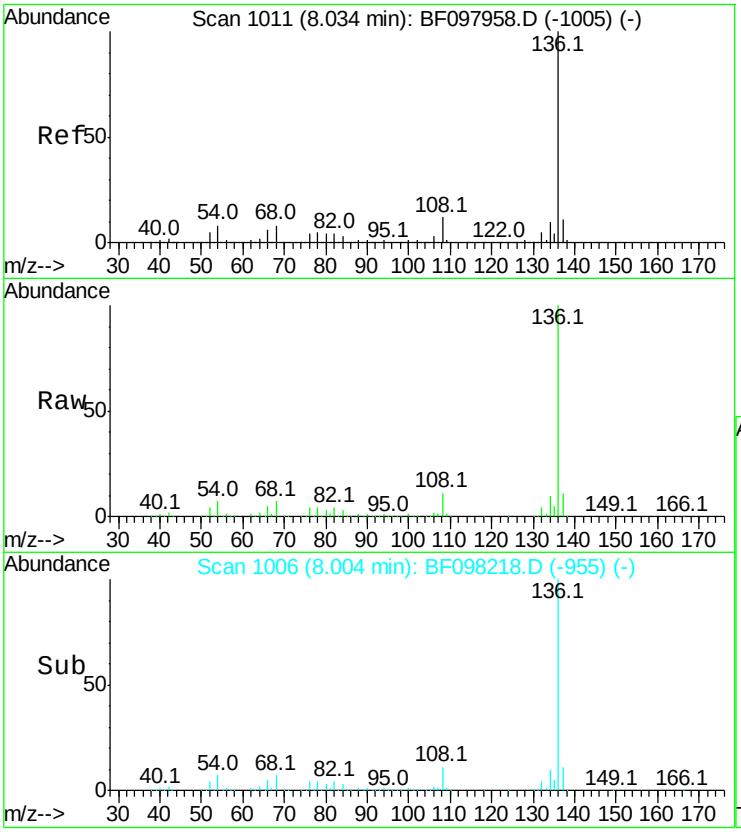


#19
n-Nitroso-di-n-propylamine
Concen: 2.552 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion: 70 Resp: 19220

Ion	Ratio	Lower	Upper
70	100		
42	39.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#



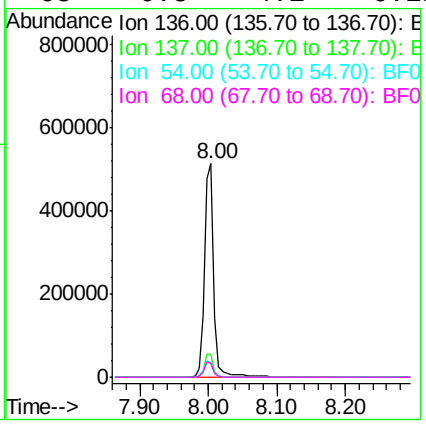


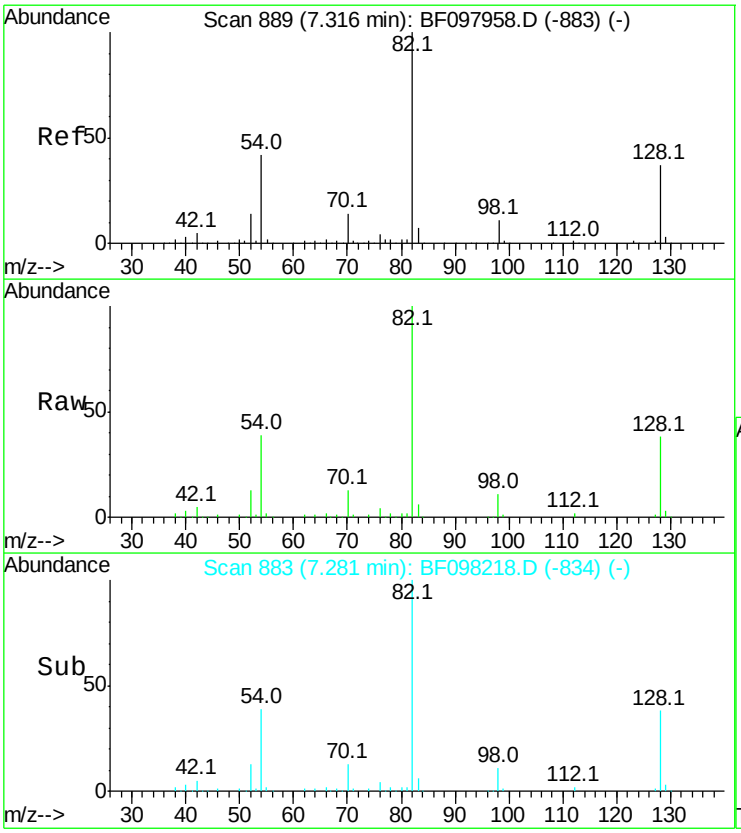
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:136 Resp: 493026

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.9	4.9	7.3
68	6.8	4.1	6.1#

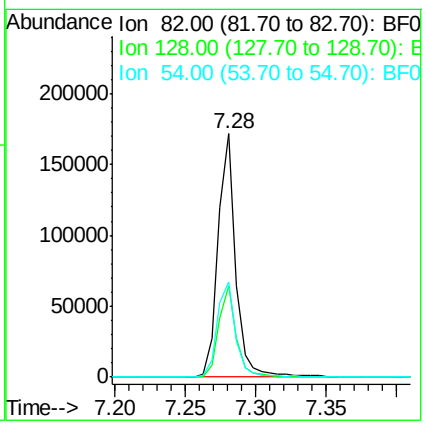


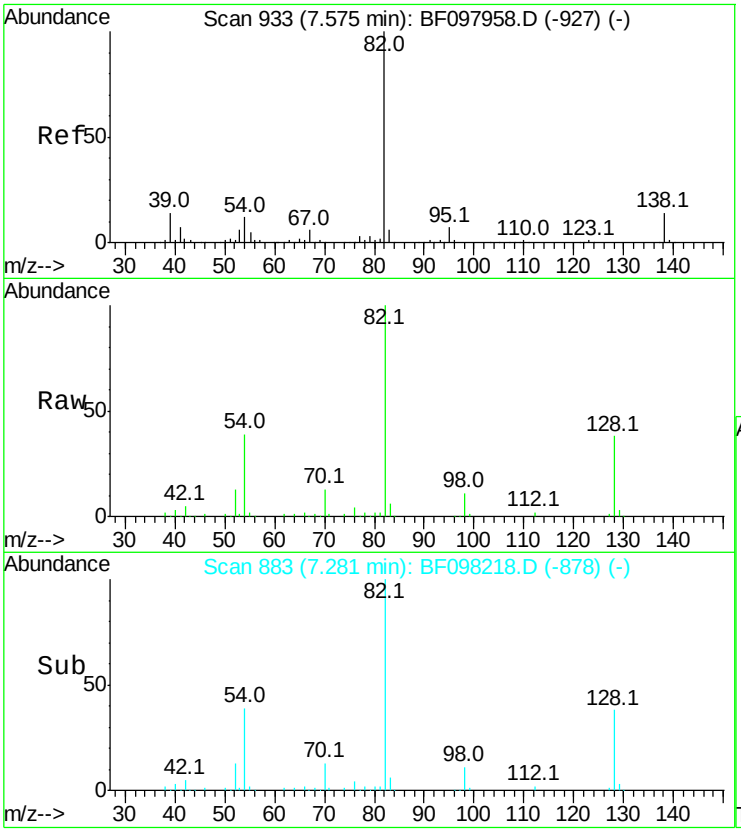


#23
Nitrobenzene-d5
Concen: 16.451 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion: 82 Resp: 149300

Ion	Ratio	Lower	Upper
82	100		
128	37.6	34.0	51.0
54	39.1	42.2	63.2#



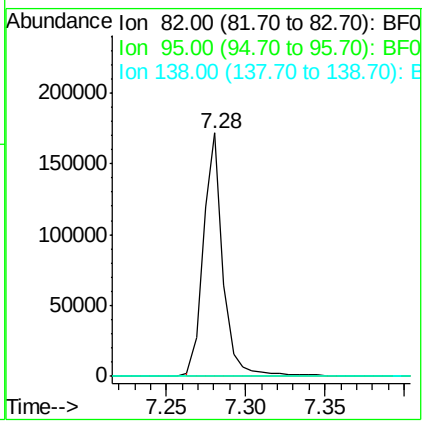


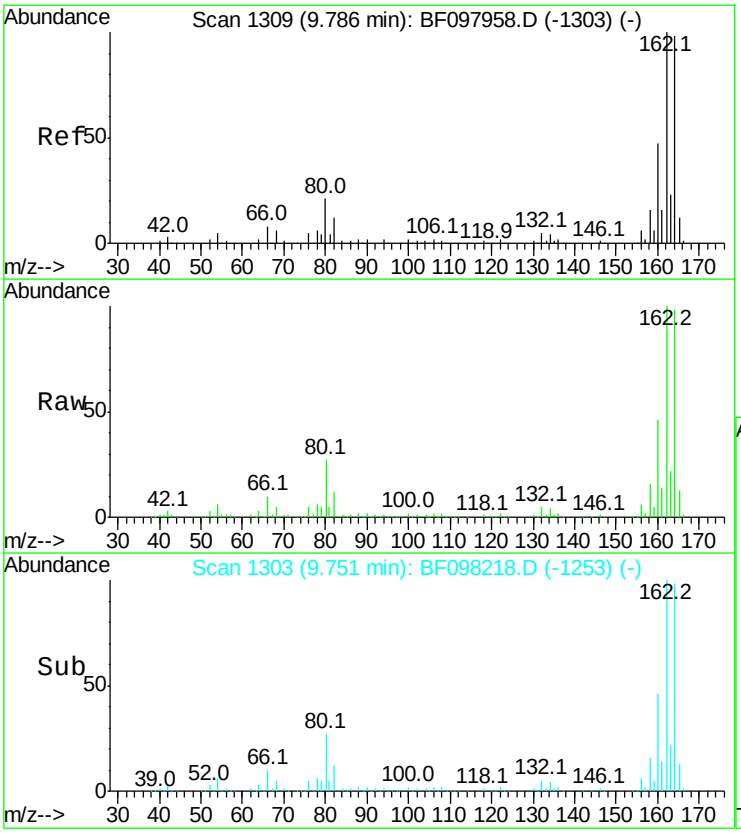
#25
Isophorone
Concen: 7.702 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion: 82 Resp: 145349

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

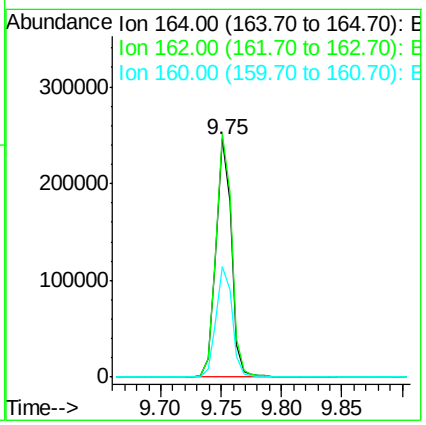


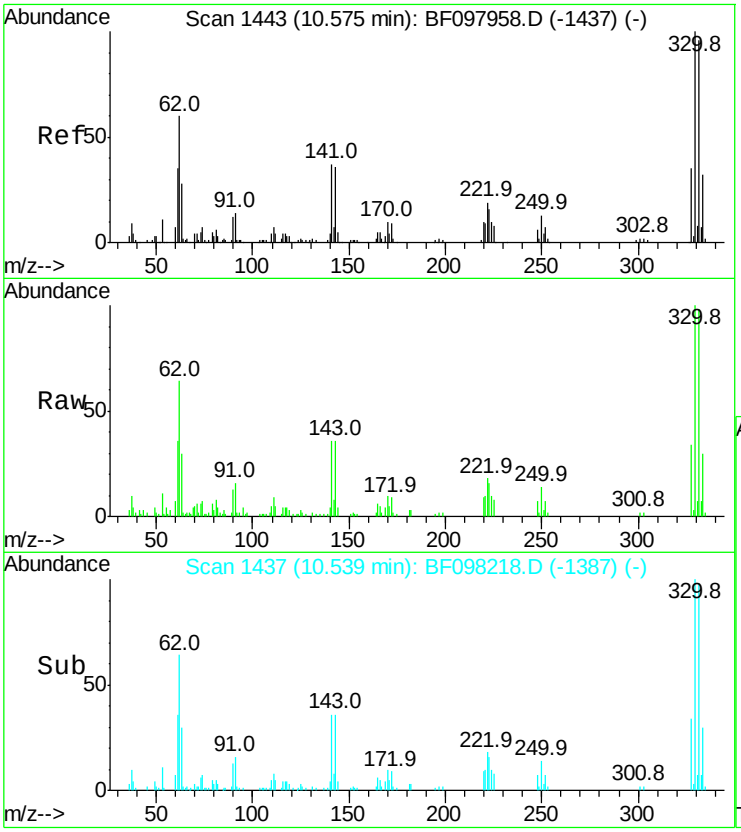


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:164 Resp: 214951

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	46.6	36.2	54.2



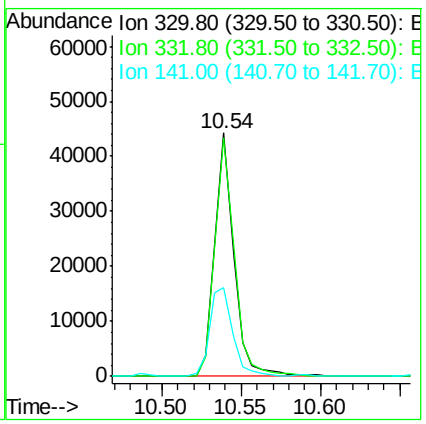


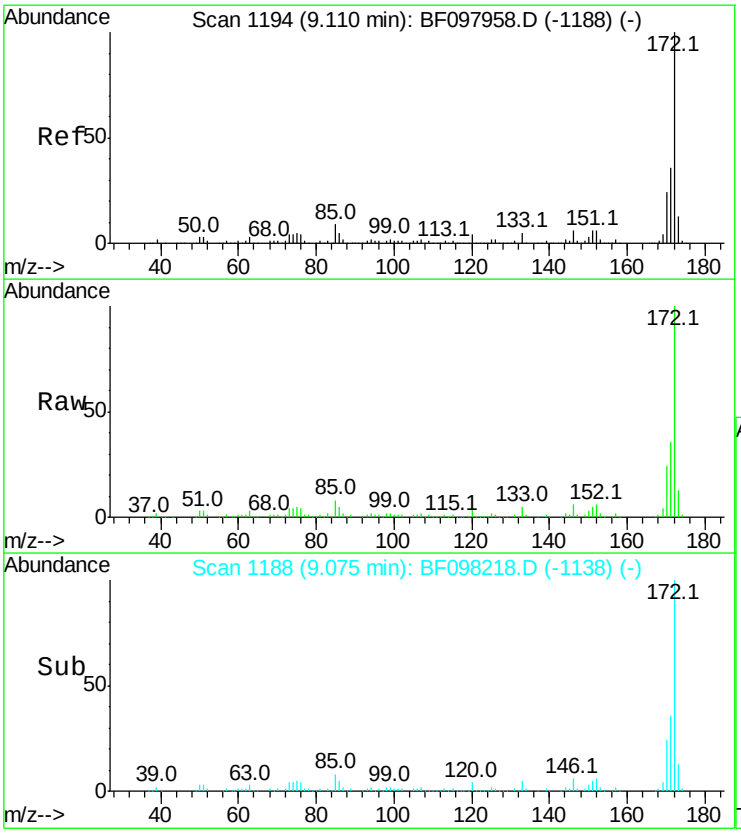
#41
2,4,6-Tribromophenol
Concen: 20.149 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:330 Resp: 37579

Ion	Ratio	Lower	Upper
330	100		
332	99.3	76.6	115.0
141	43.2	31.4	47.2

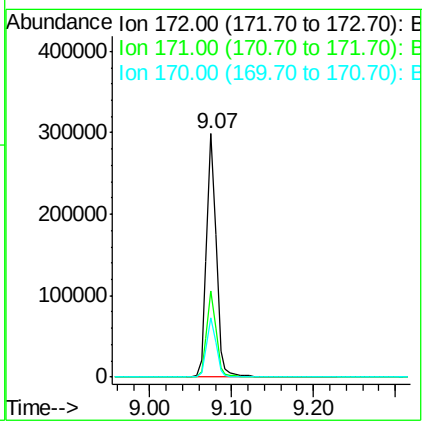


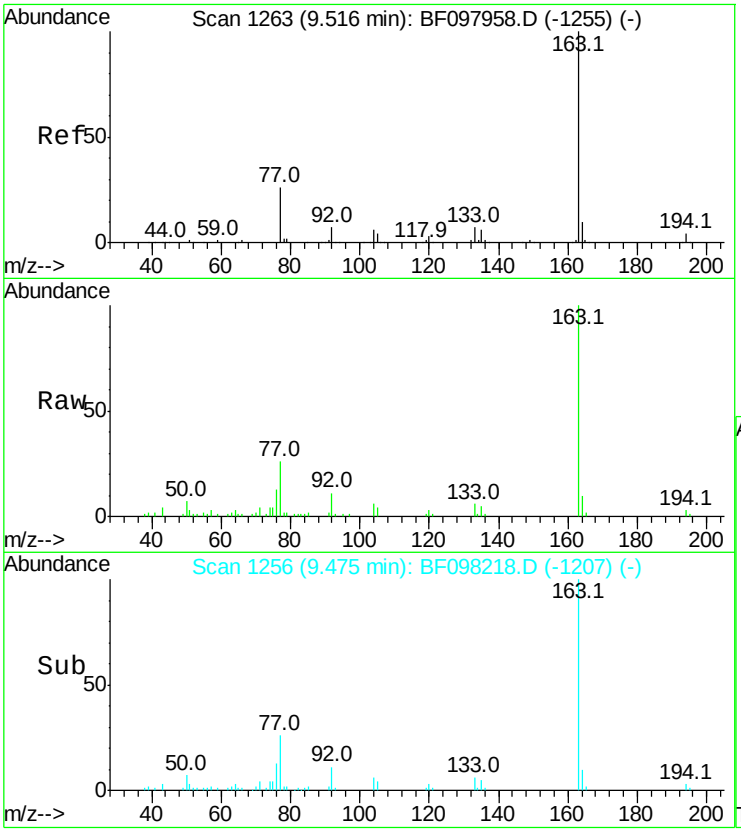


#44
2-Fluorobiphenyl
Concen: 17.049 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:172 Resp: 249433

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.3	19.8	29.8



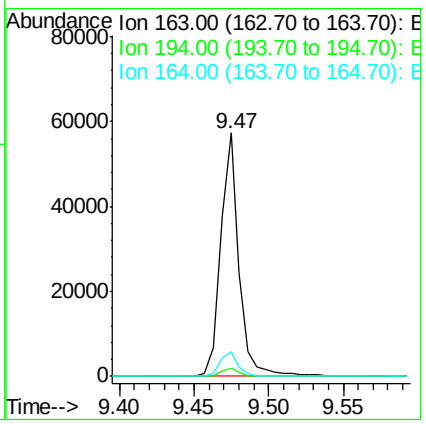


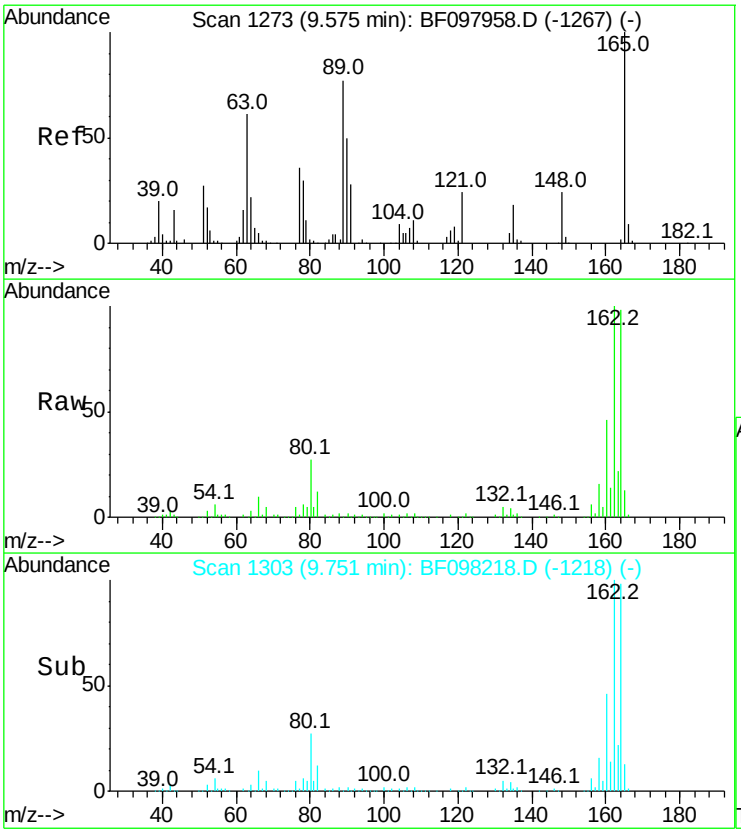
#49
Dimethylphthalate
Concen: 3.143 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:163 Resp: 49386

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6

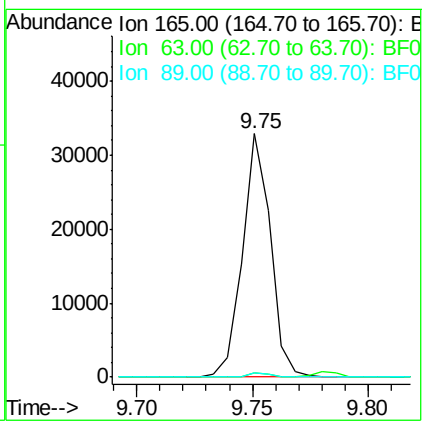


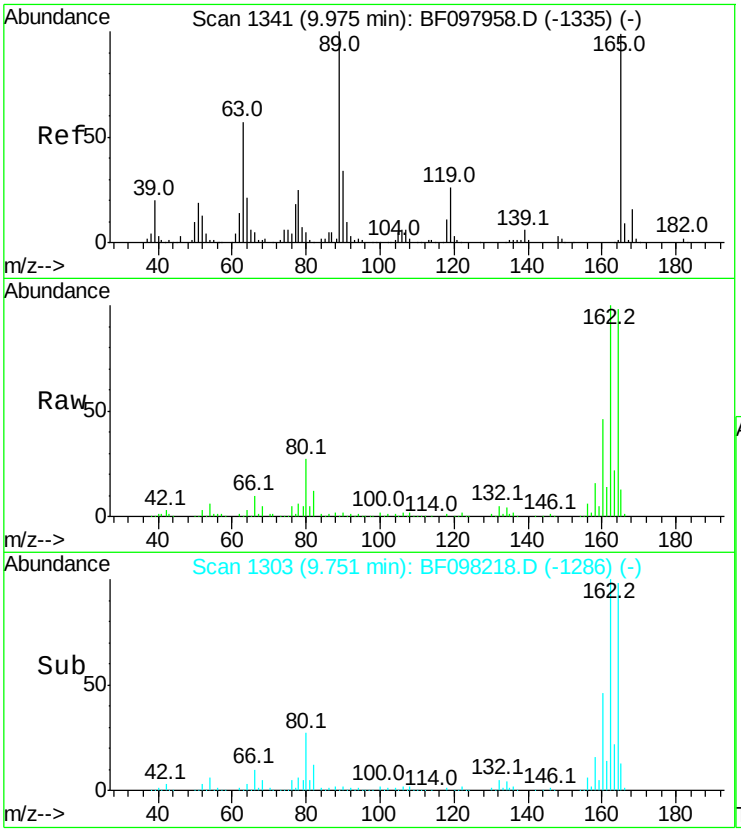


#50
2,6-Dinitrotoluene
Concen: 8.910 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:165 Resp: 27946

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.0	37.1	55.7#



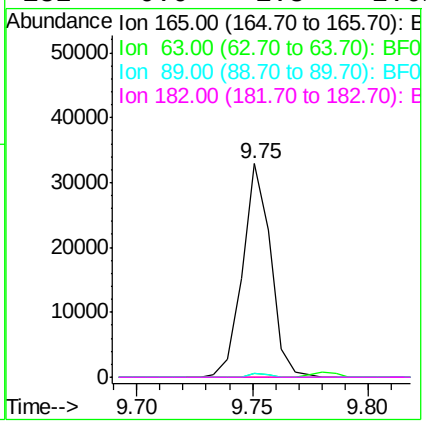


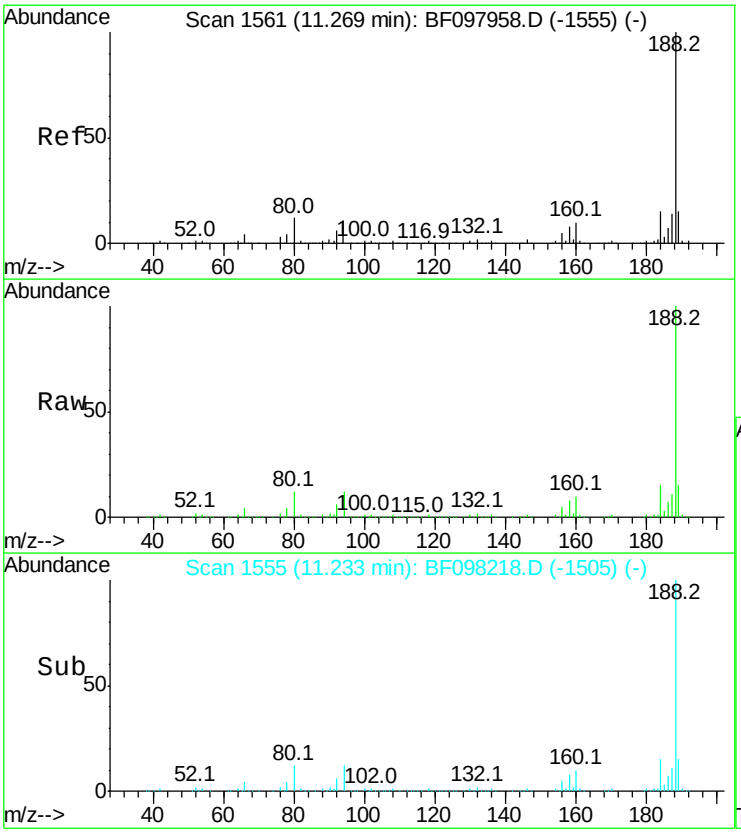
#56
2,4-Dinitrotoluene
Concen: 7.100 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:165 Resp: 27946

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

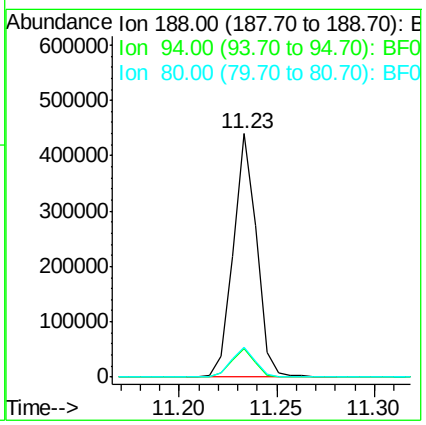


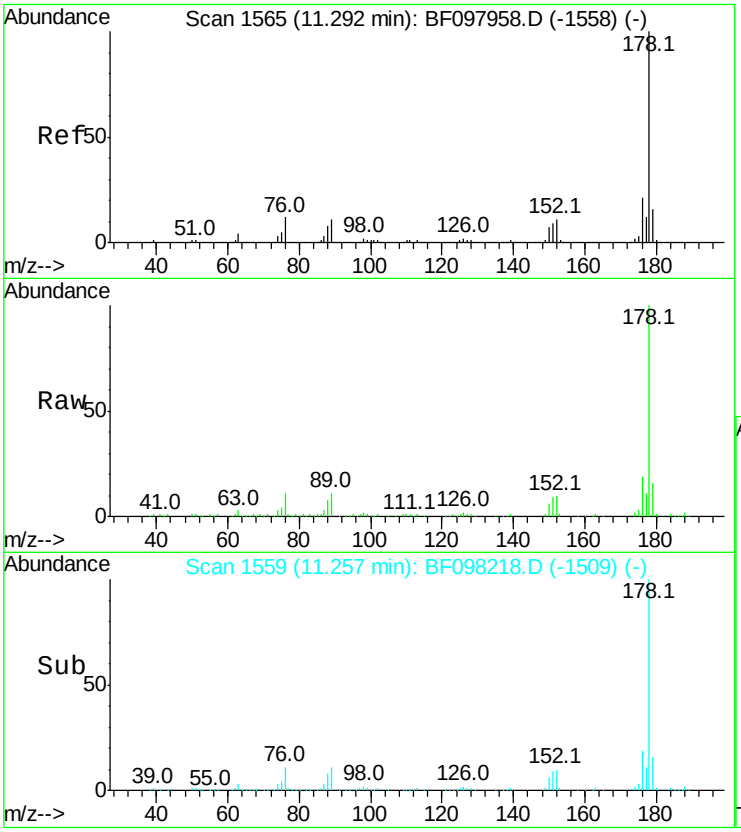


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:188 Resp: 364022

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	12.3	10.2	15.2



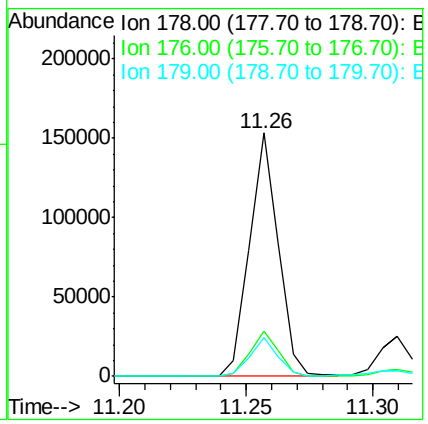


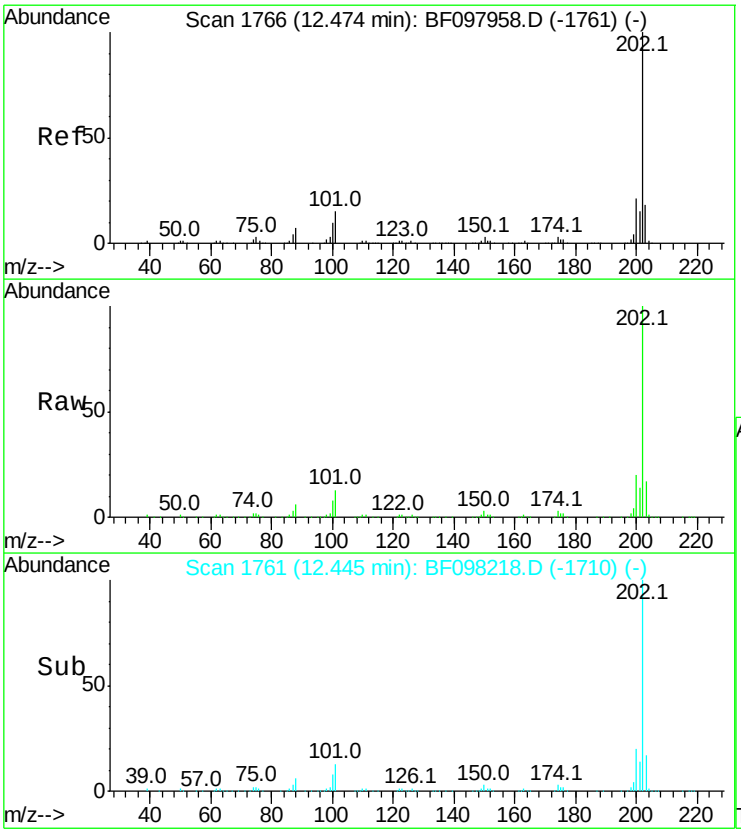
#70
Phenanthrene
Concen: 6.292 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:178 Resp: 122046

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.7	12.6	19.0

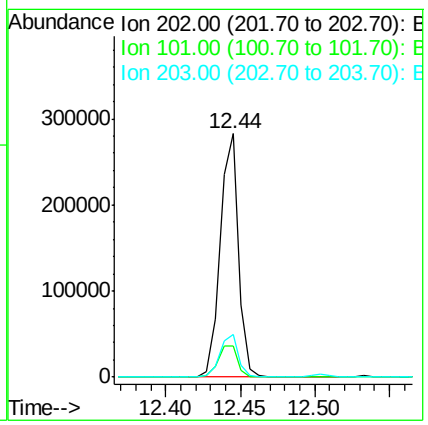


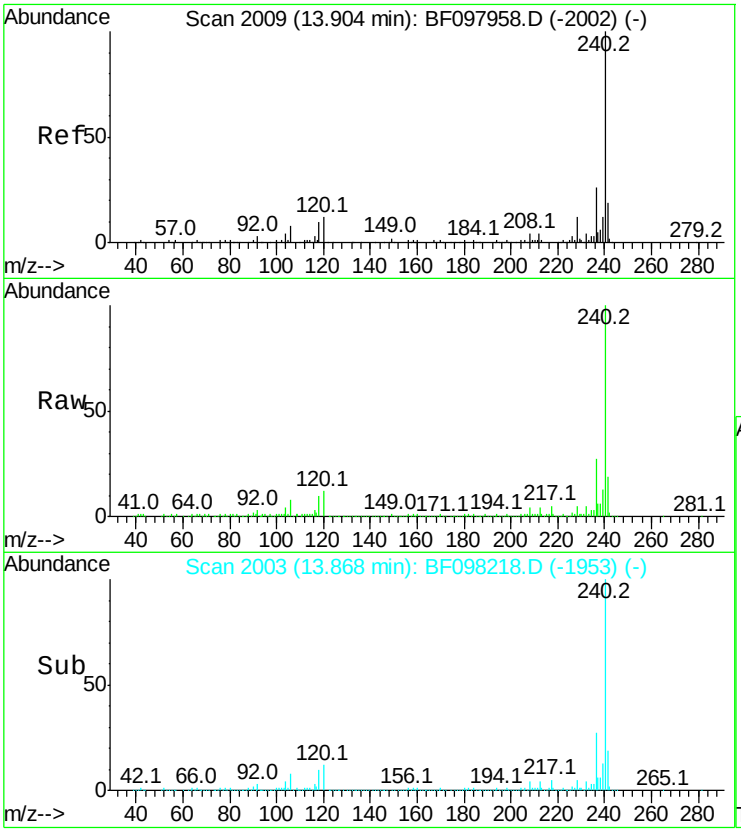


#74
Fluoranthene
Concen: 12.125 ng
RT: 12.44 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:202 Resp: 245494

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.3	0.0	38.1



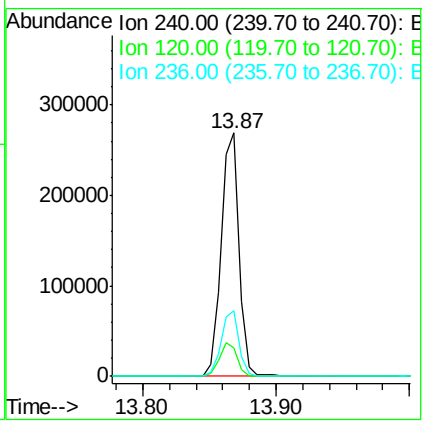


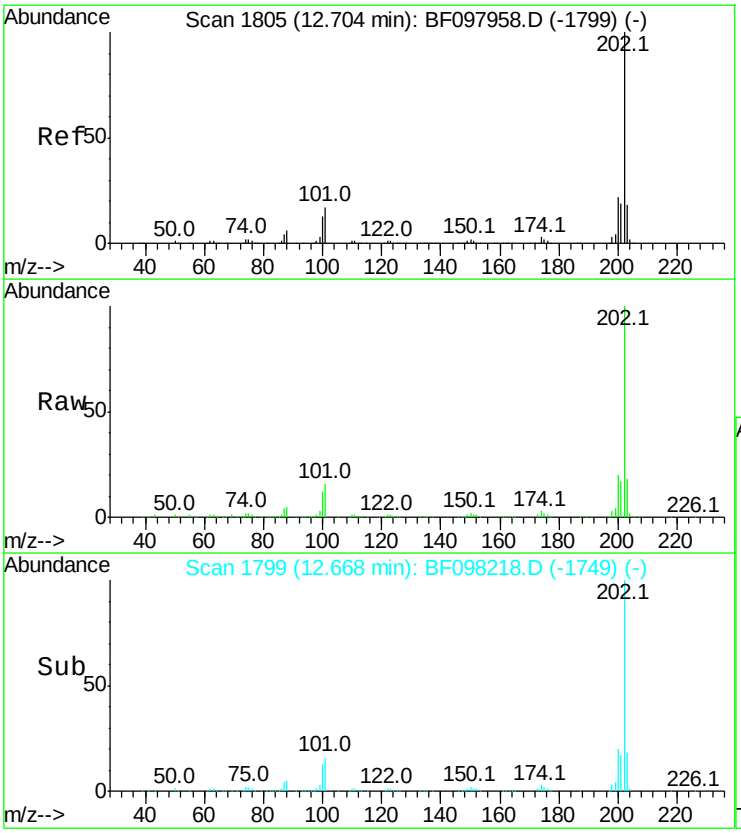
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:240 Resp: 255670

Ion	Ratio	Lower	Upper
240	100		
120	11.6	5.8	8.8#
236	26.9	20.5	30.7

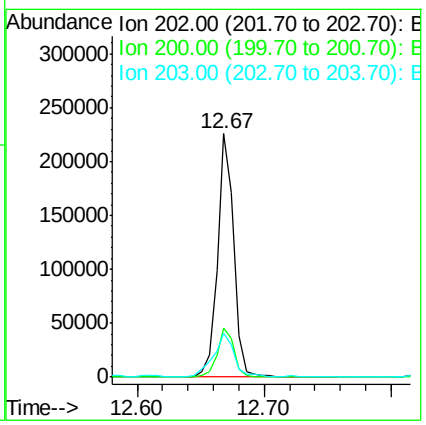


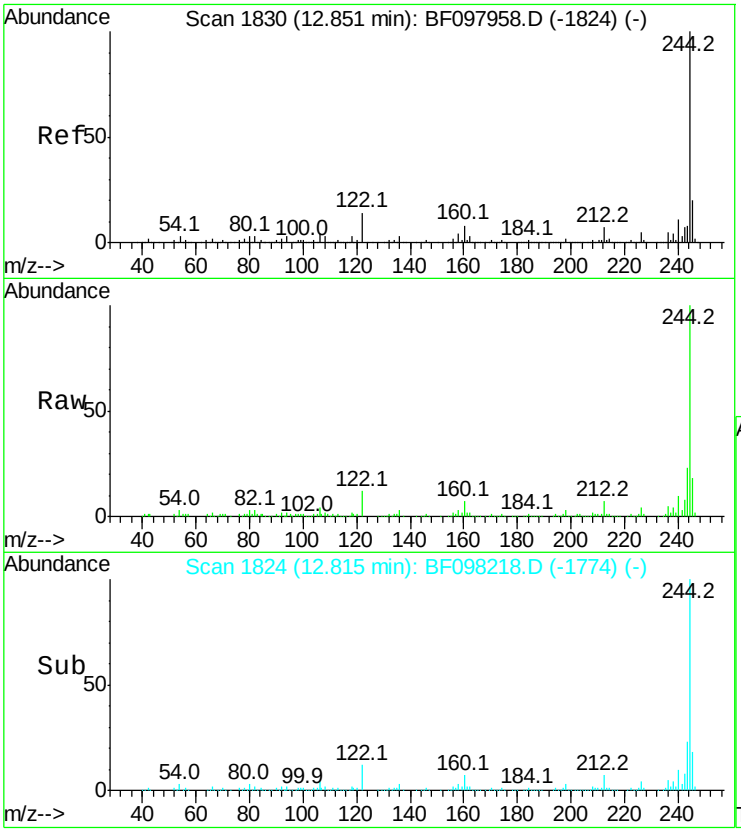


#77
Pyrene
Concen: 9.714 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:202 Resp: 203118

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	18.1	14.4	21.6



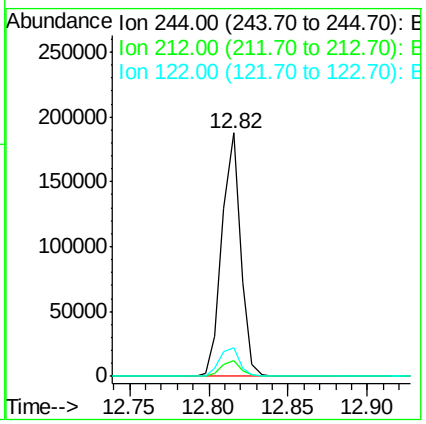


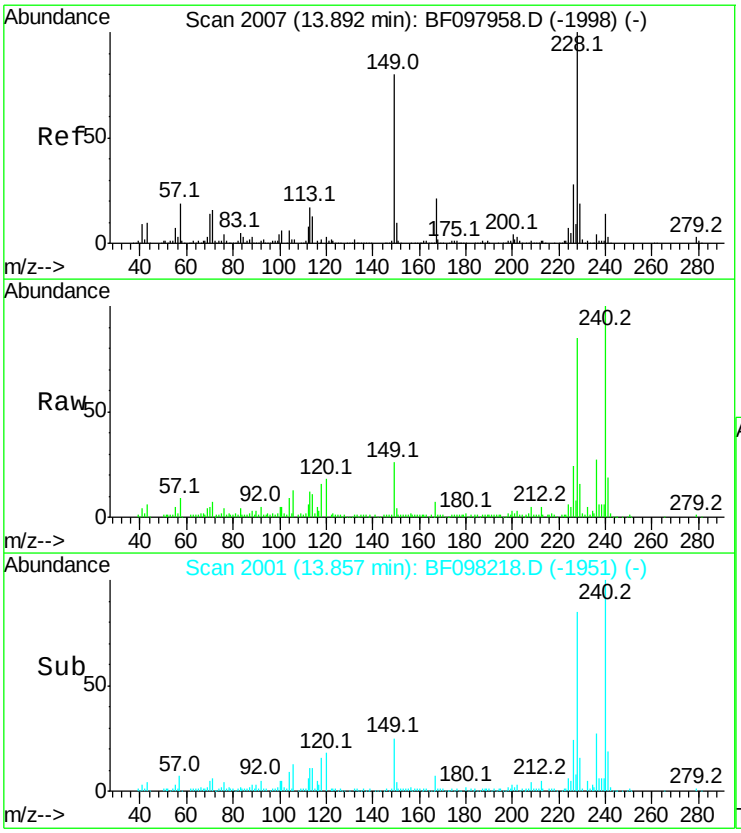
#78
Terphenyl-d14
Concen: 12.572 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:244 Resp: 154137

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.9	10.3	15.5

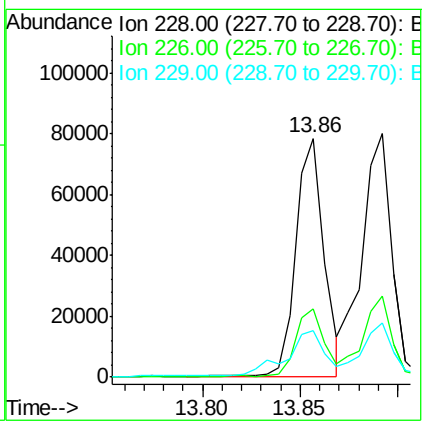


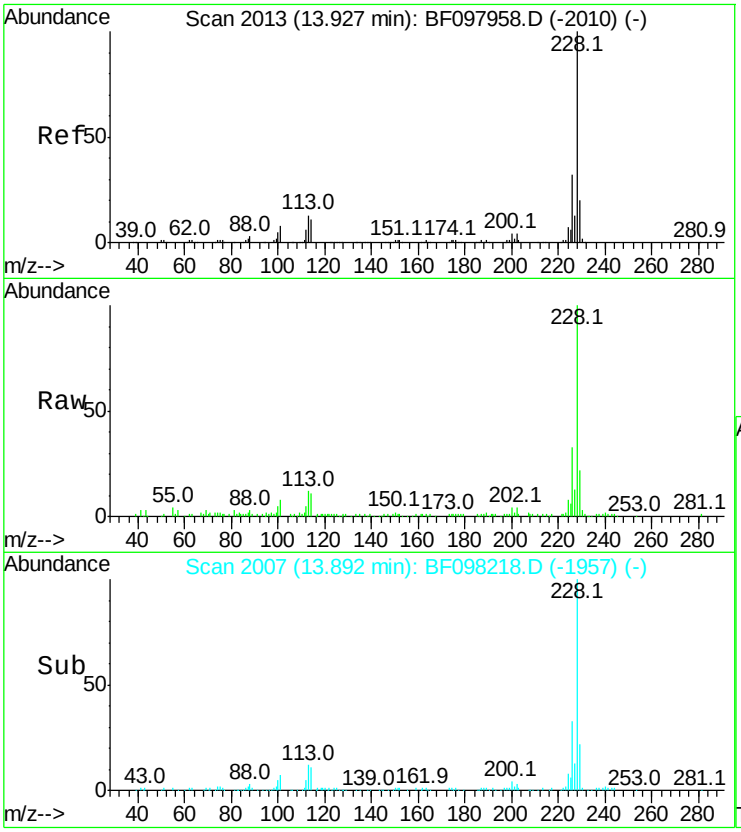


#80
Benzo(a)anthracene
Concen: 5.149 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:228 Resp: 78898

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	19.4	16.3	24.5



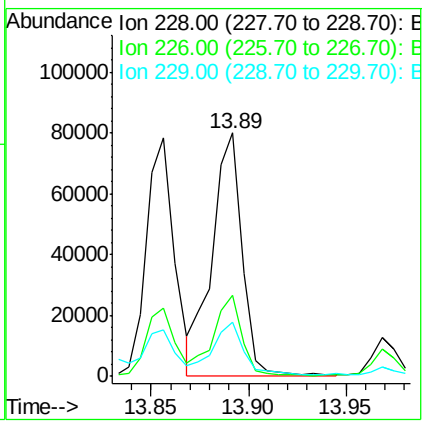


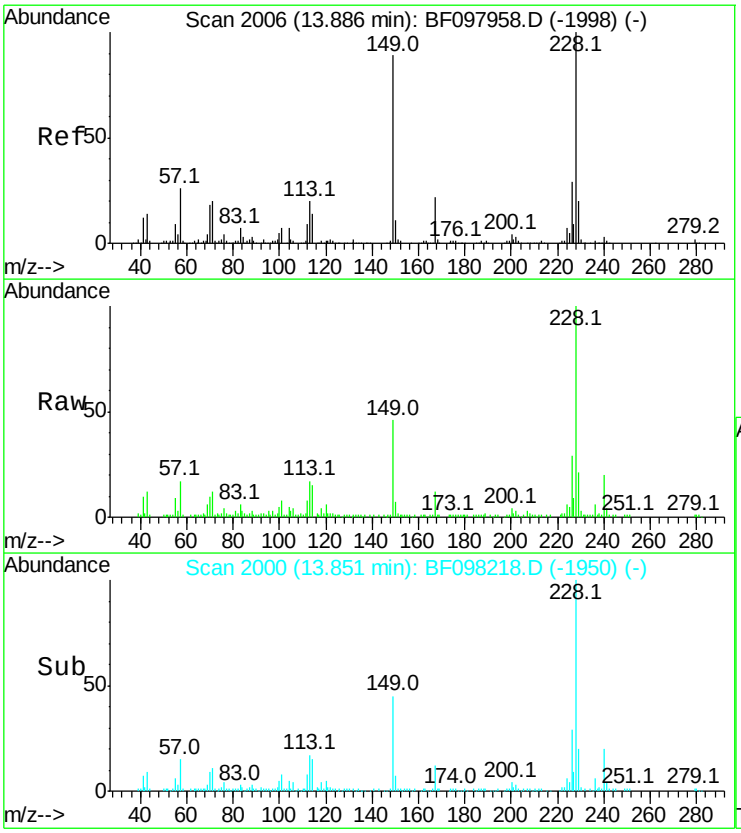
#82
Chrysene
Concen: 5.690 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:228 Resp: 86732

Ion	Ratio	Lower	Upper
228	100		
226	33.3	24.9	37.3
229	22.5	15.8	23.6

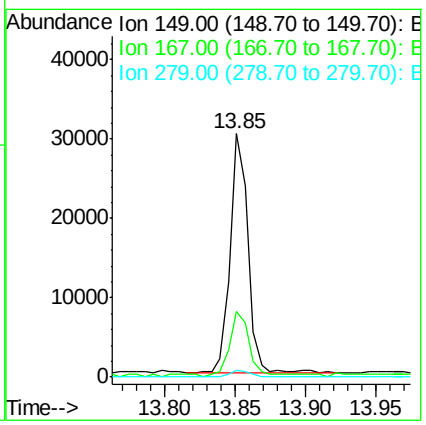


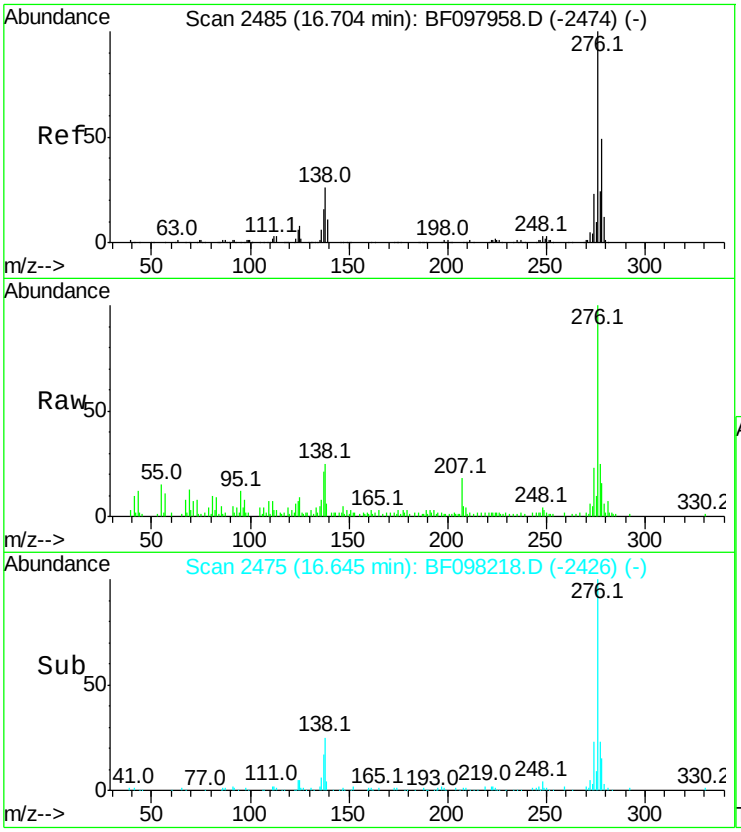


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.010 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:149 Resp: 26739

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.0	31.4
279	2.8	1.9	2.9



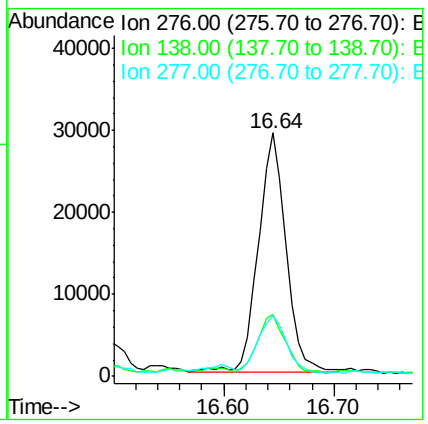


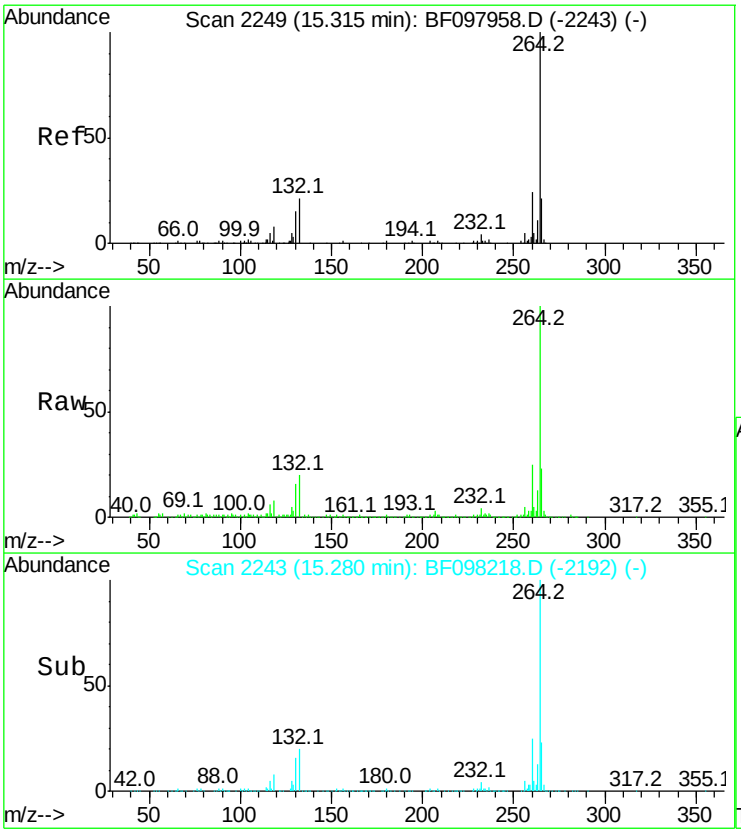
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.600 ng
RT: 16.64 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:276 Resp: 51583

Ion	Ratio	Lower	Upper
276	100		
138	24.9	27.8	41.6#
277	25.3	20.2	30.4

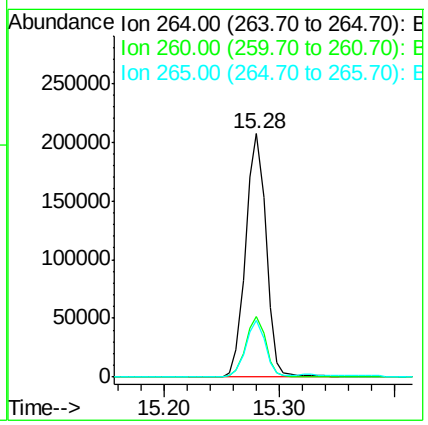


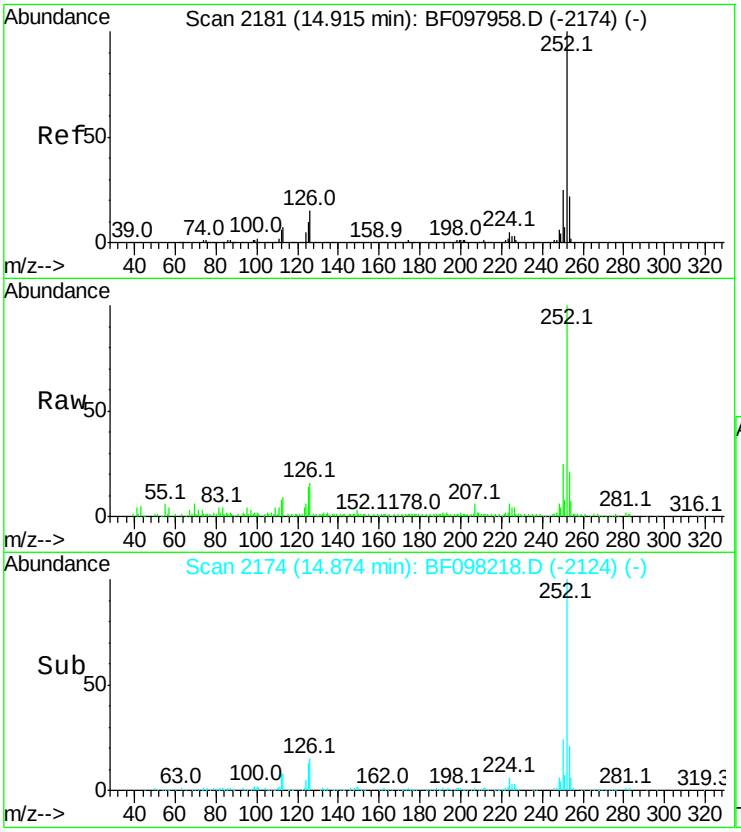


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:264 Resp: 256592

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	23.0	17.2	25.8



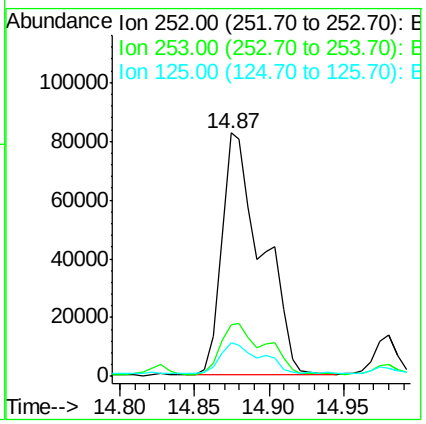


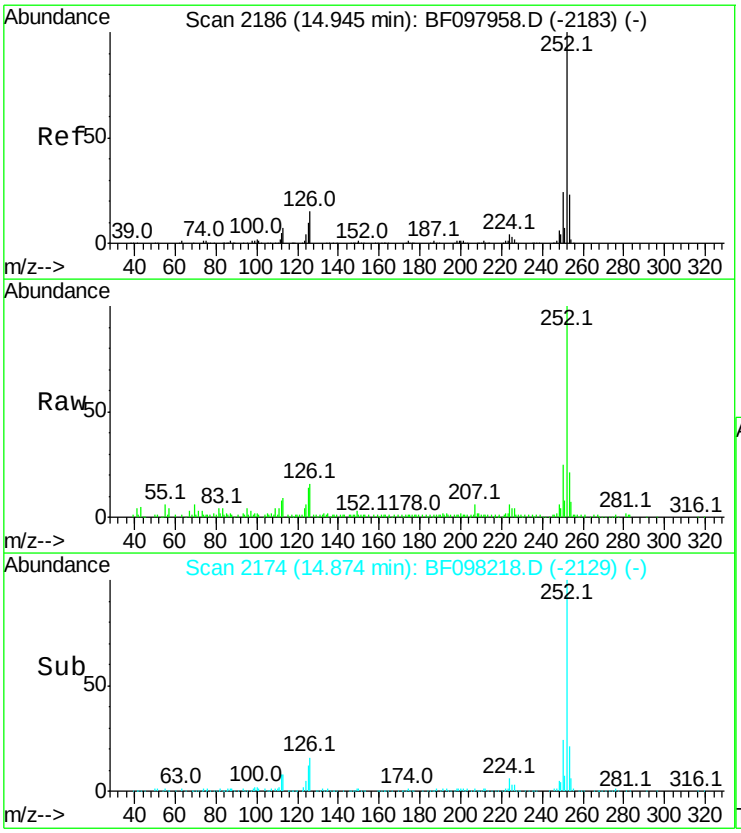
#87
Benzo(b)fluoranthene
Concen: 9.585 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:252 Resp: 155031

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8

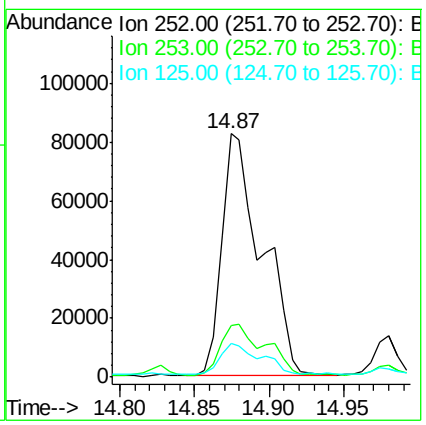


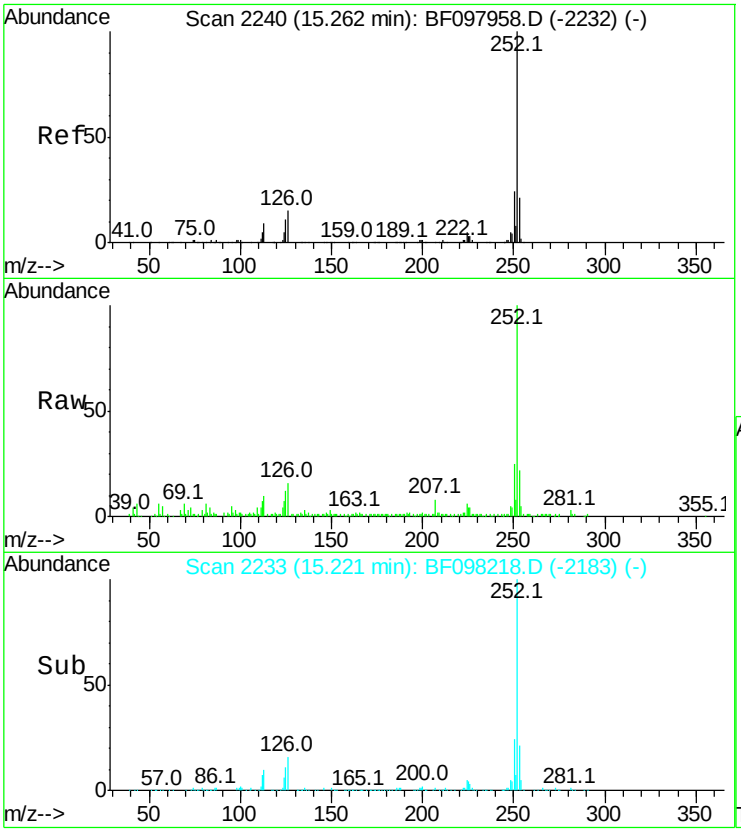


#88
Benzo(k)fluoranthene
Concen: 10.203 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.04 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:252 Resp: 155031

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.6	13.1	19.7



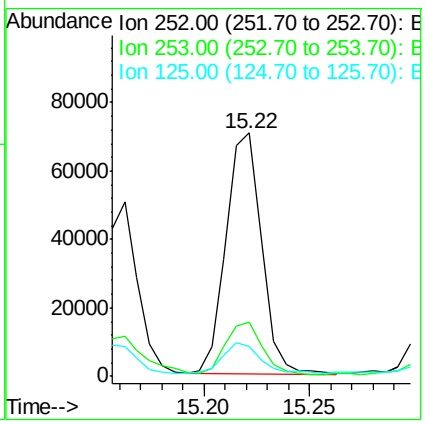


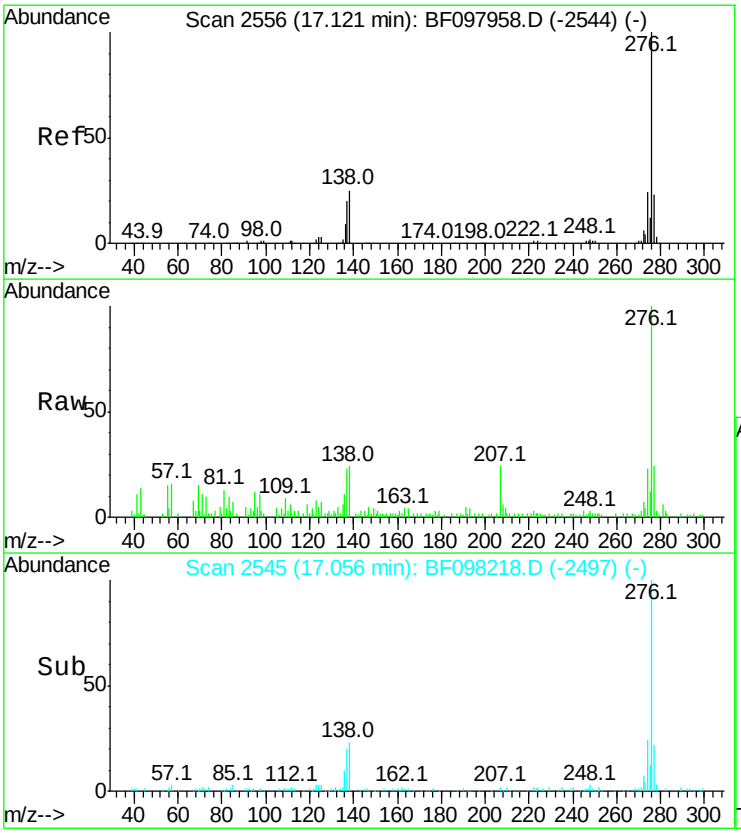
#89
Benzo(a)pyrene
Concen: 5.744 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Instrument :
BNA_F
ClientSampleId :
SU-02-082917

Tgt Ion:252 Resp: 82238

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.4	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 4.257 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF098218.D
Acq: 1 Sep 2017 11:24

Tgt Ion:276 Resp: 51782

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	24.4	25.4	38.0#