Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107310.D
Acq On : 11 Jul 2018 19:46
Operator : JU/SJ
Sample : J3914-07 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEMH

Quant Time: Jul 12 01:05:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	66114	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	246448	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	110328	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	195586	20.00	ng		0.00
75) Chrysene-d12	14.14	240	173815	20.00	ng		0.00
86) Perylene-d12	15.68	264	119788	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	175844	45.04	ng		0.00
7) Phenol-d6	6.58	99	222745	45.68	ng		0.00
23) Nitrobenzene-d5	7.50	82	127946	28.85	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	51228	40.06	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	243938	27.43	ng		0.00
78) Terphenyl-d14	13.07	244	244044	34.01	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	16670	5.187	ng	#	75
25) Isophorone	7.50	82	127945	16.373	ng	#	64
49) Dimethylphthalate	9.68	163	44426	5.369	ng		99
50) 2,6-Dinitrotoluene	9.98	165	14049	8.018	ng	#	24
56) 2,4-Dinitrotoluene	9.98	165	14049	6.143	ng	#	21
70) Phenanthrene	11.50	178	90527	9.596	ng		98
71) Anthracene	11.55	178	21649	2.248	ng		96
74) Fluoranthene	12.70	202	177652	17.086	ng		96
77) Pyrene	12.94	202	163030	14.224	ng		99
80) Benzo(a)anthracene	14.13	228	92372	8.720	ng		98
82) Chrysene	14.17	228	81399	8.352	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	38013	4.596	ng	#	86
87) Benzo(b)fluoranthene	15.22	252	118050	15.864	ng		97
88) Benzo(k)fluoranthene	15.22	252	118050	16.659	ng		98
89) Benzo(a)pyrene	15.62	252	57605	8.708	ng		98
91) Benzo(g,h,i)perylene	17.77	276	38167	6.965	ng	#	87

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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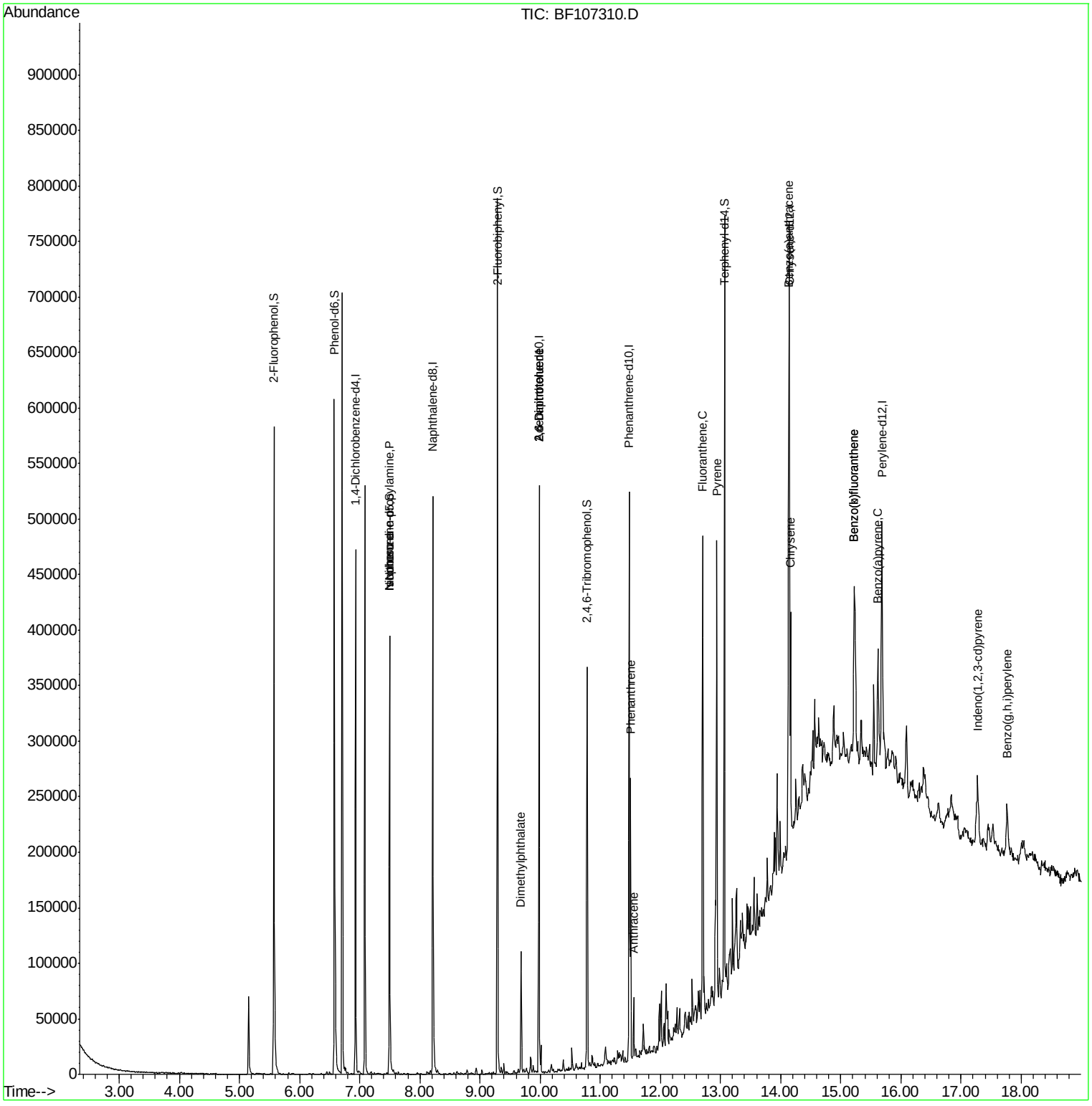
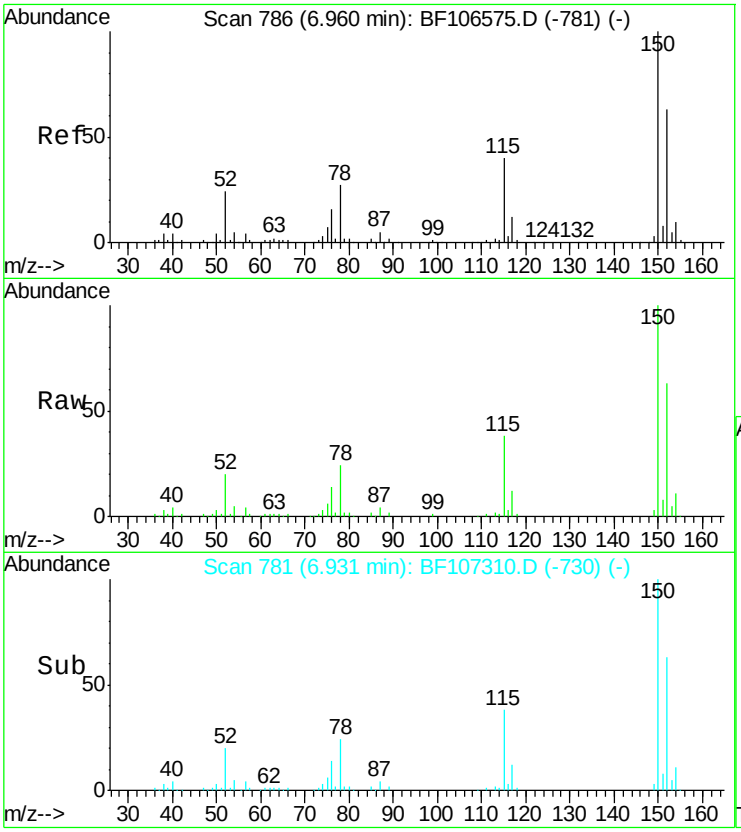


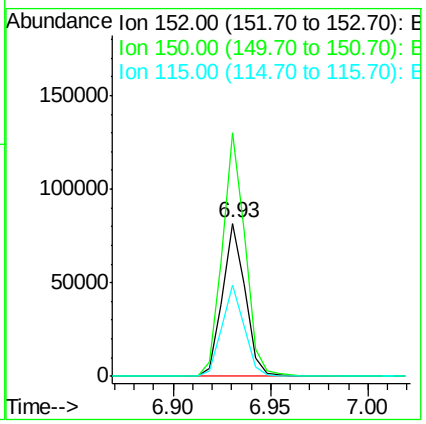


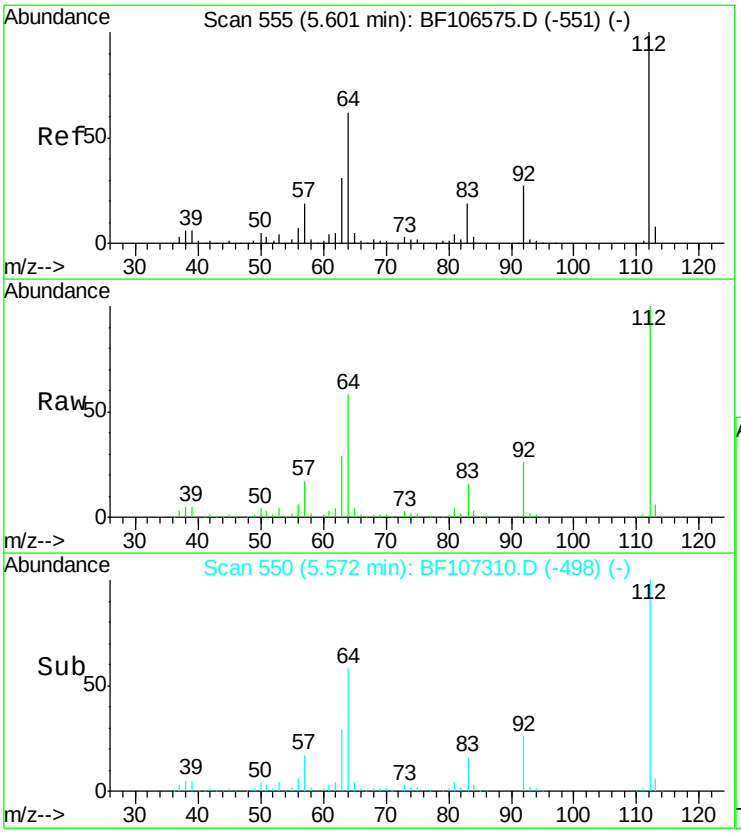
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:152 Resp: 66114

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	59.8	50.1	75.1

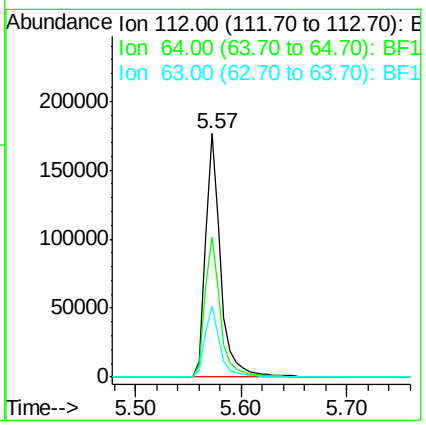


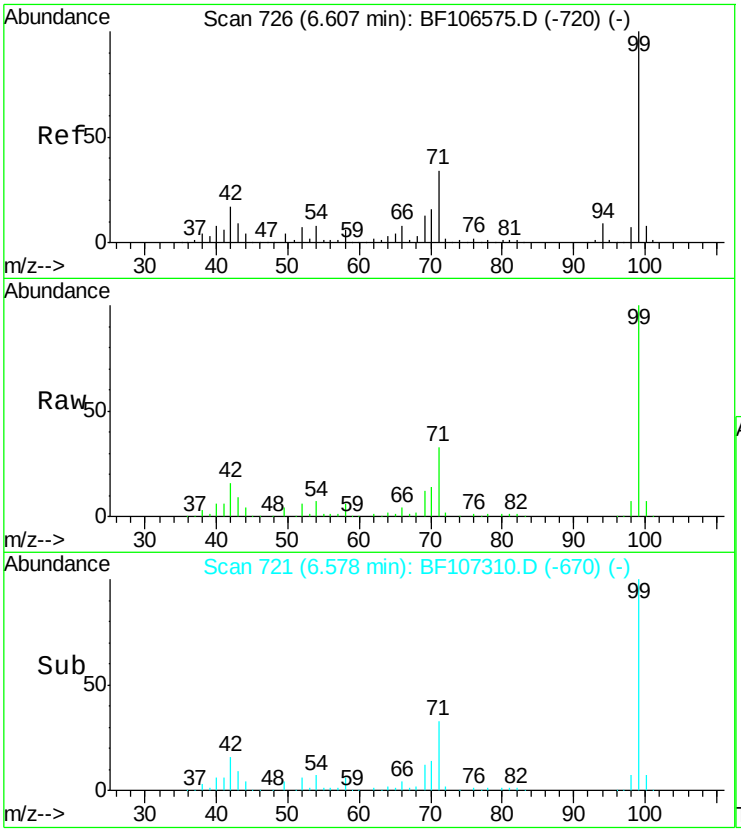


#5
2-Fluorophenol
Concen: 45.037 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:112 Resp: 175844

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	28.8	23.7	35.5



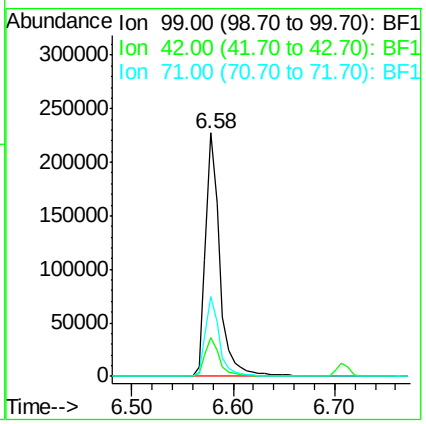


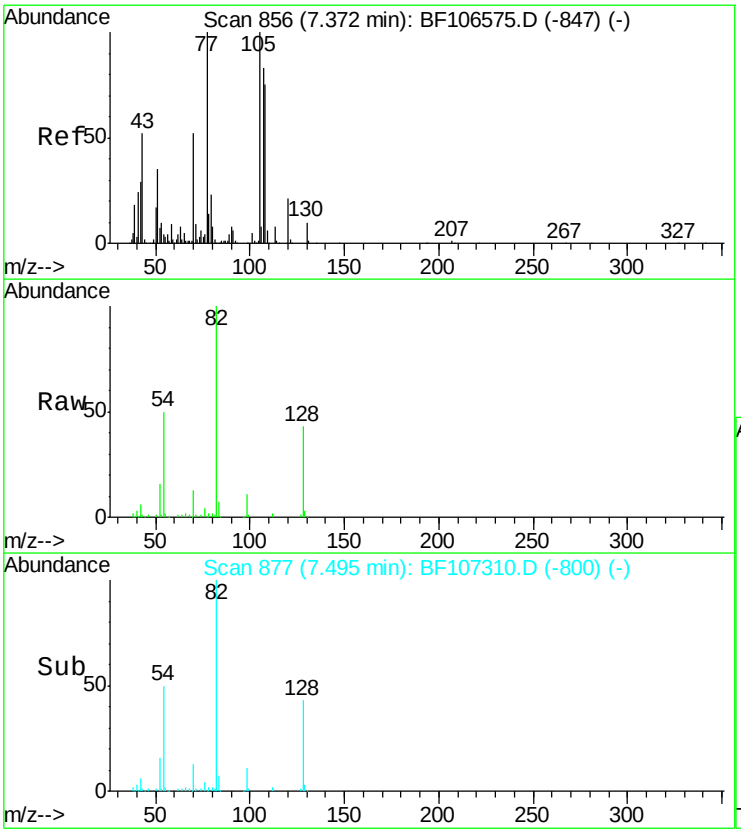
#7
Phenol-d6
Concen: 45.683 ng
RT: 6.58 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion: 99 Resp: 222745

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.5	21.7
71	33.0	25.4	38.0

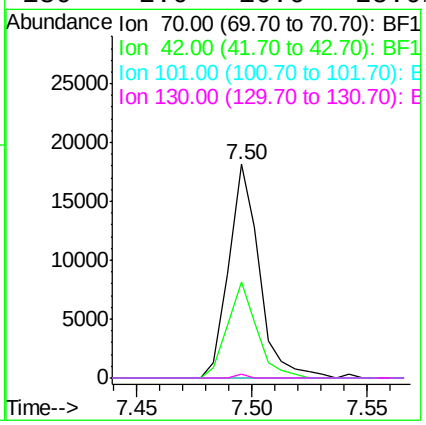


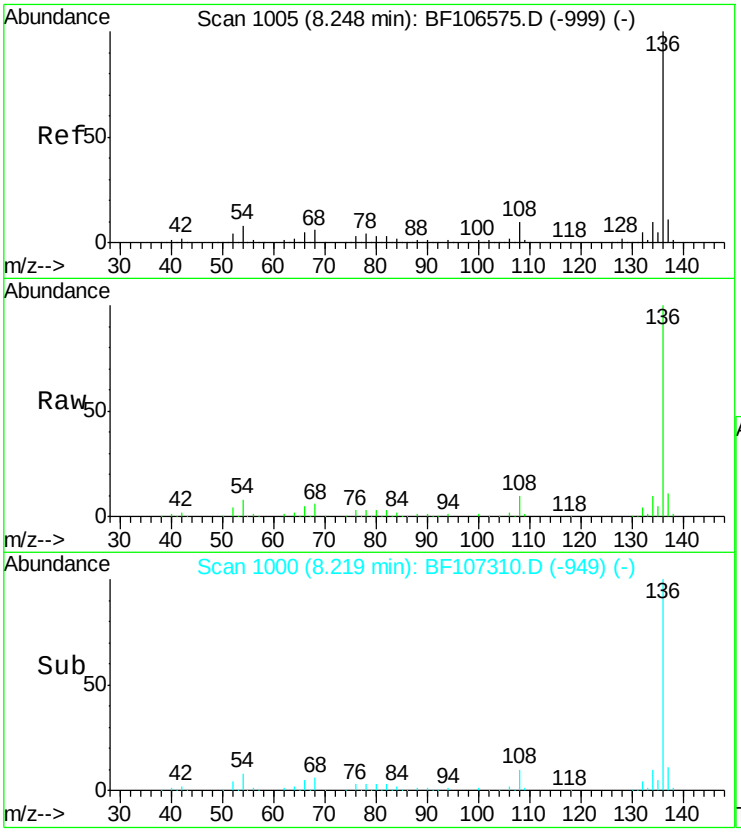


#19
n-Nitroso-di-n-propylamine
Concen: 5.187 ng
RT: 7.50 min Scan# 877
Delta R.T. 0.15 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion: 70 Resp: 16670

Ion	Ratio	Lower	Upper
70	100		
42	45.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



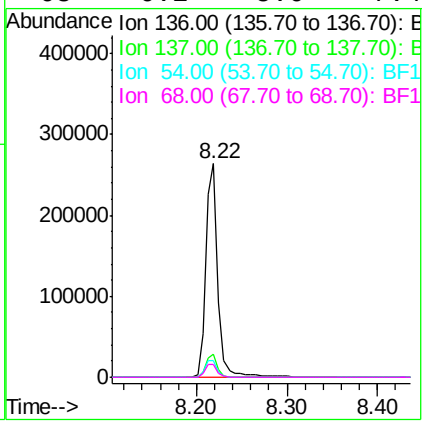


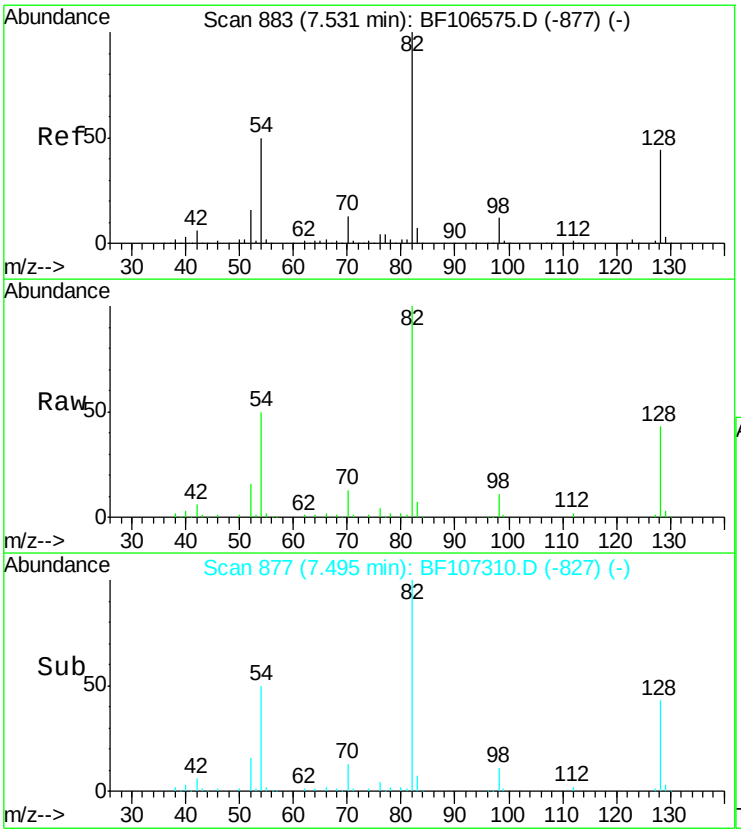
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:136 Resp: 246448

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4

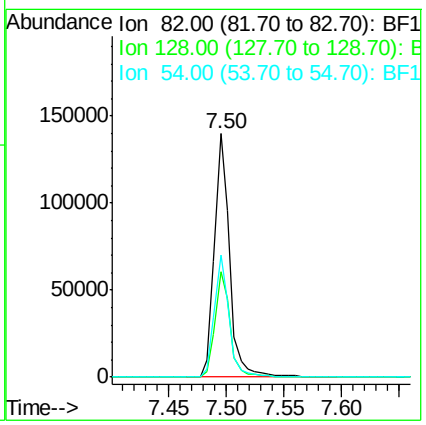


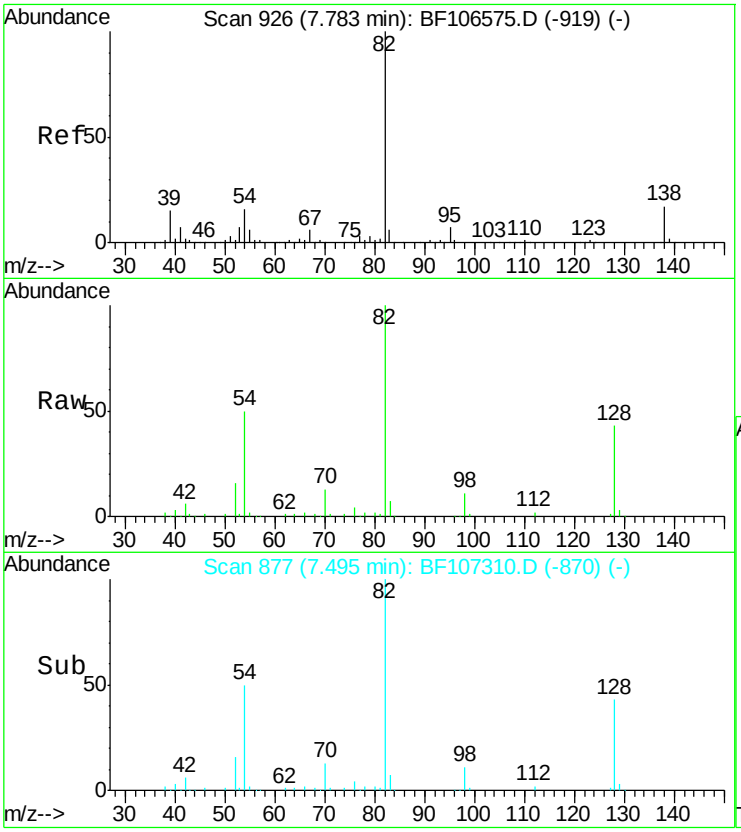


#23
Nitrobenzene-d5
Concen: 28.852 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion: 82 Resp: 127946

Ion	Ratio	Lower	Upper
82	100		
128	43.5	36.1	54.1
54	50.0	41.4	62.2



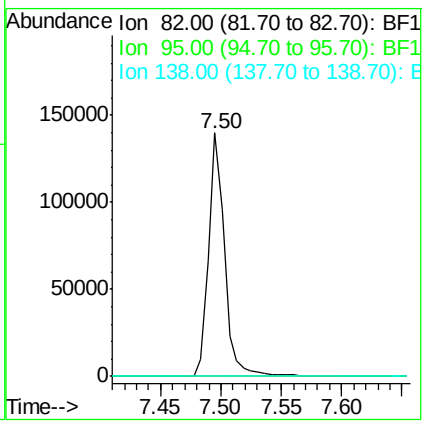


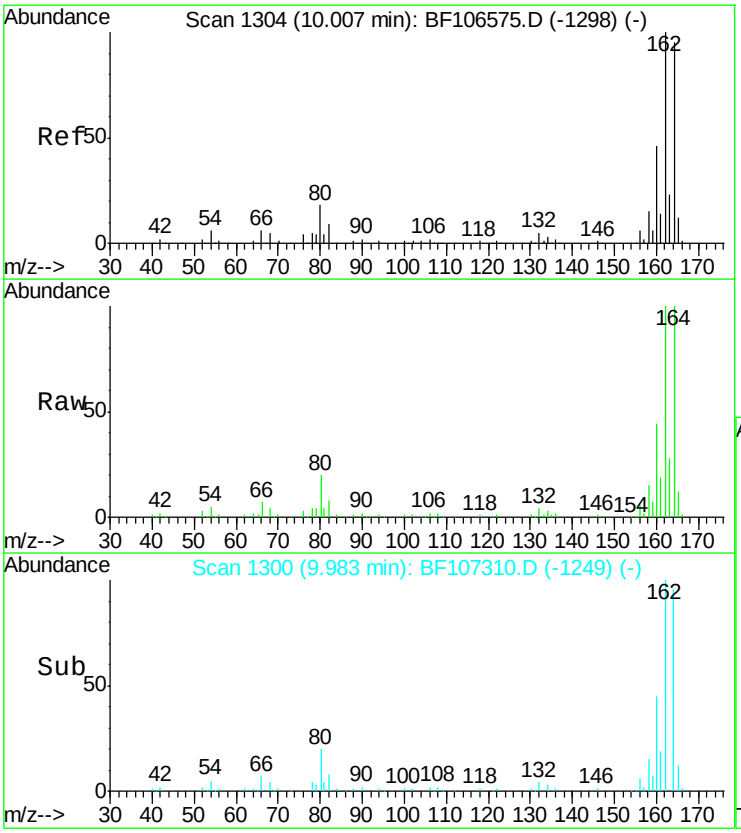
#25
Isophorone
Concen: 16.373 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.26 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion: 82 Resp: 127945

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

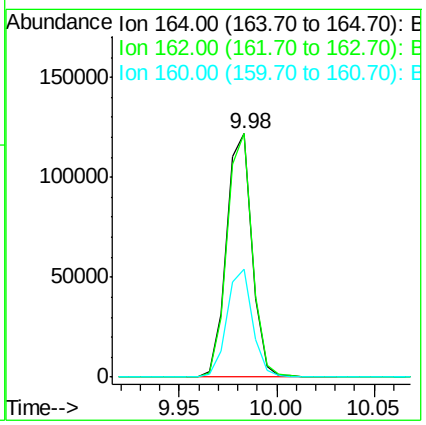


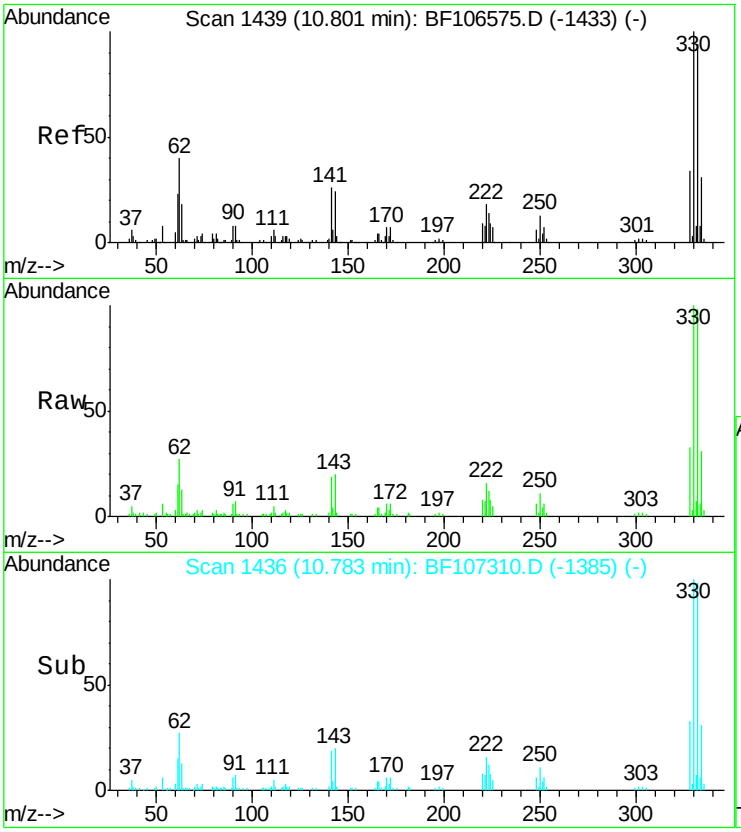


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:164 Resp: 110328

Ion	Ratio	Lower	Upper
164	100		
162	99.9	86.1	129.1
160	44.4	38.3	57.5



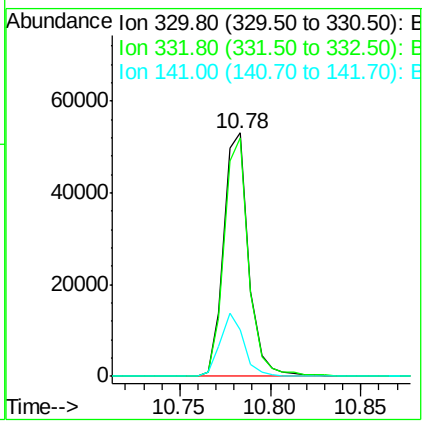


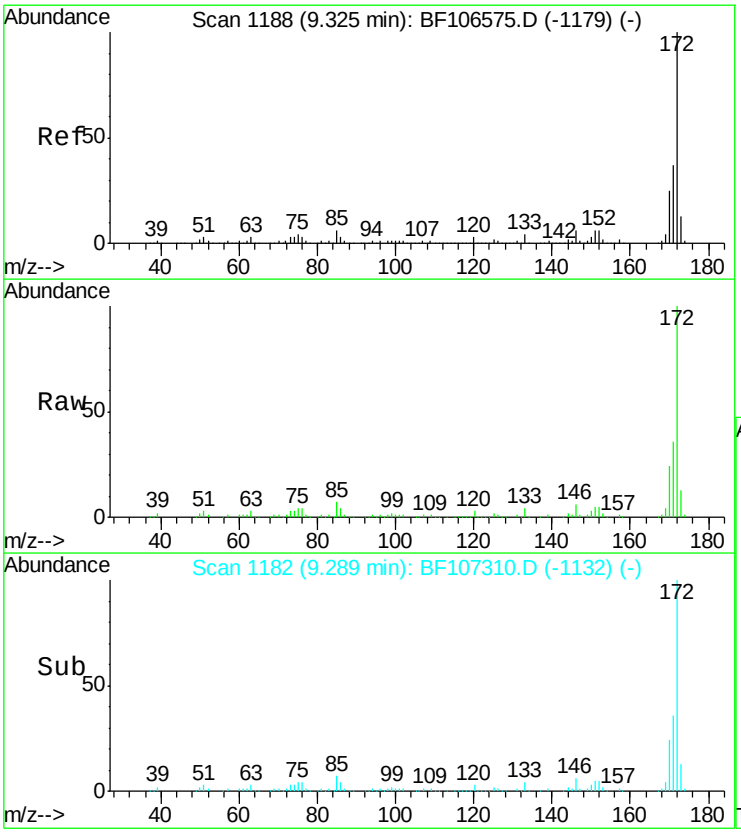
#41
2,4,6-Tribromophenol
Concen: 40.062 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:330 Resp: 51228

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.6	29.9	44.9#

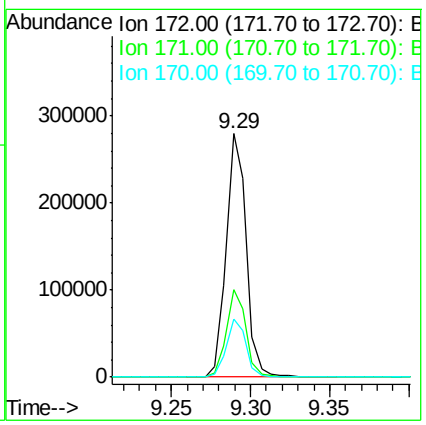


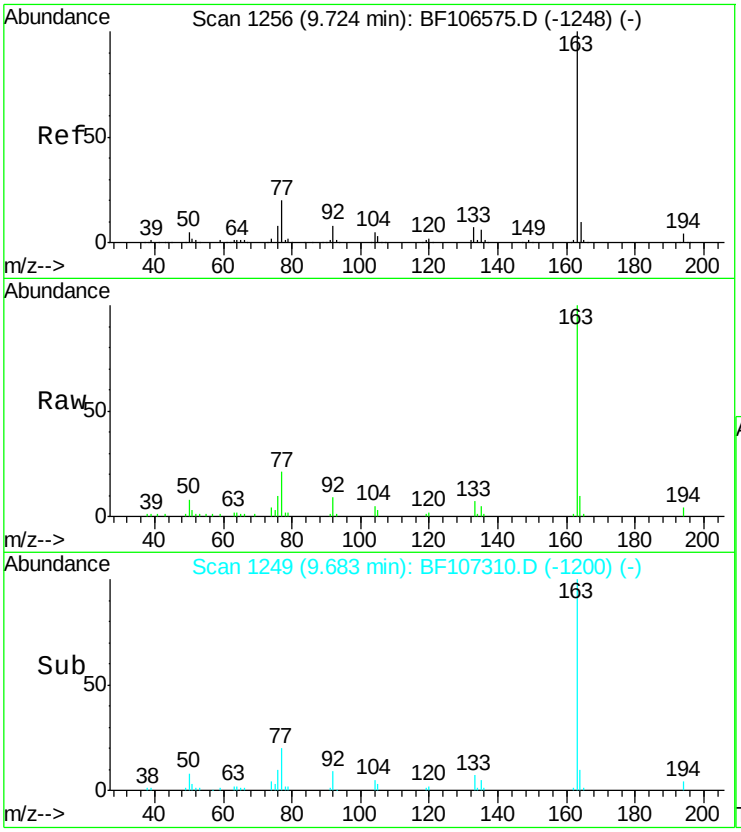


#44
2-Fluorobiphenyl
Concen: 27.434 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:172 Resp: 243938

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.7	19.6	29.4



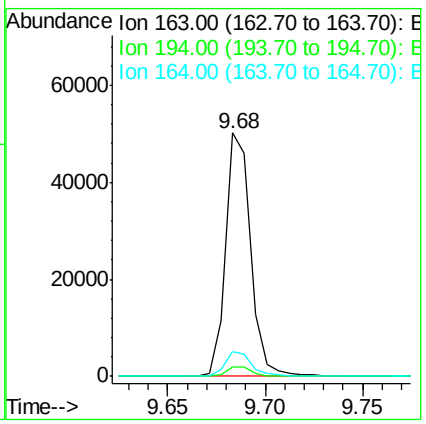


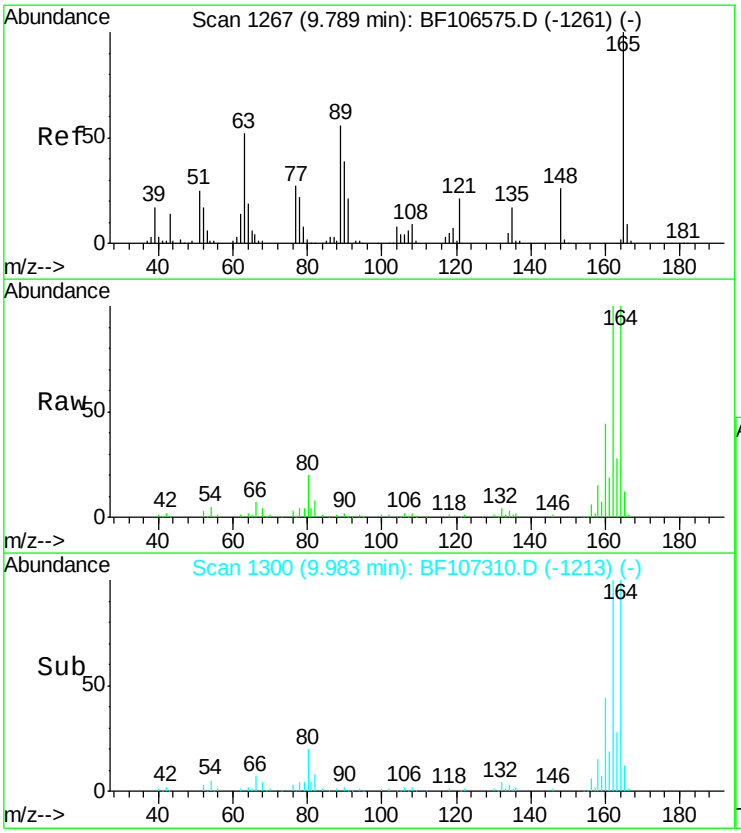
#49
Dimethylphthalate
Concen: 5.369 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:163 Resp: 44426

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.4	8.2	12.2

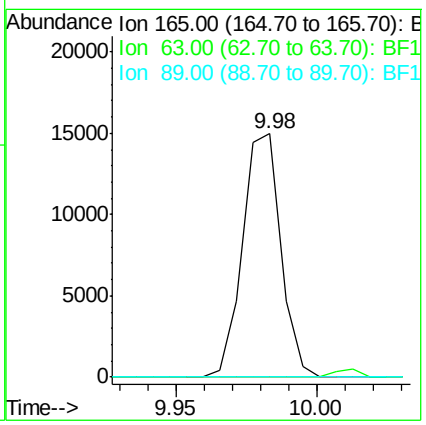


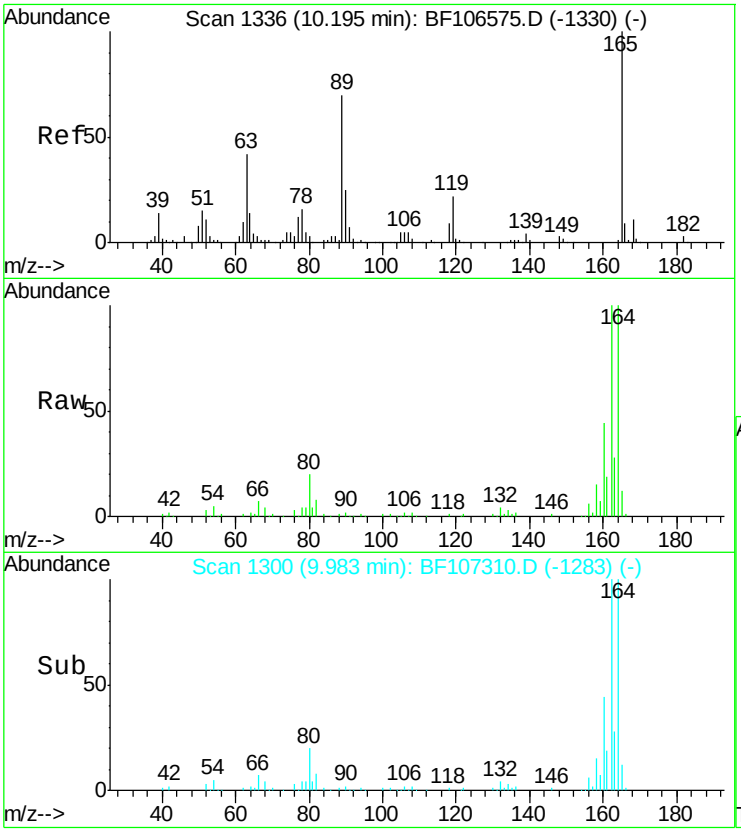


#50
2,6-Dinitrotoluene
Concen: 8.018 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:165 Resp: 14049

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



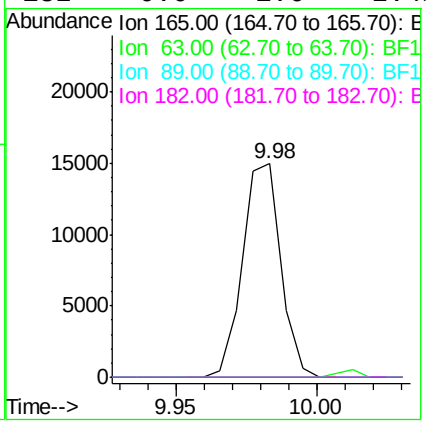


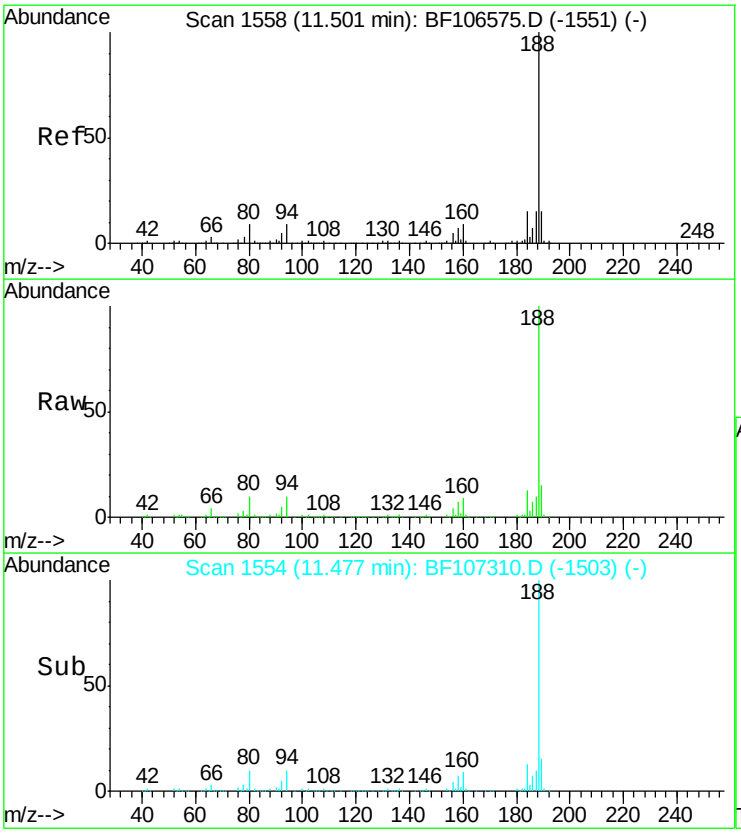
#56
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:165 Resp: 14049

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#

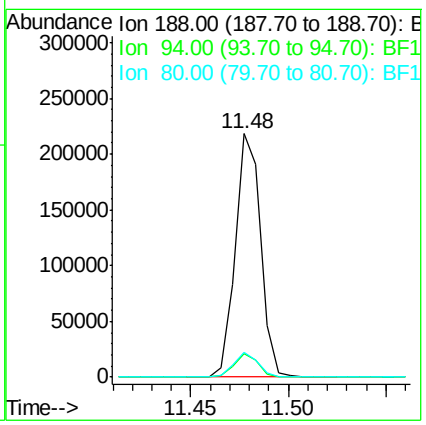


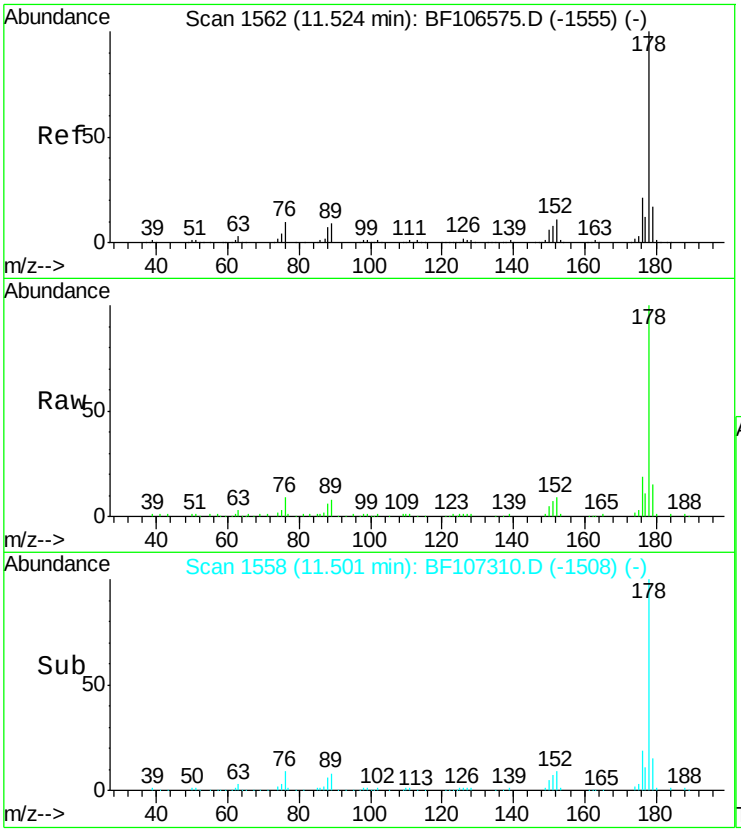


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:188 Resp: 195586

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.4	9.2	13.8



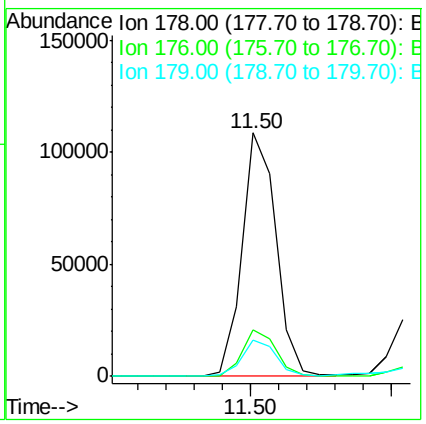


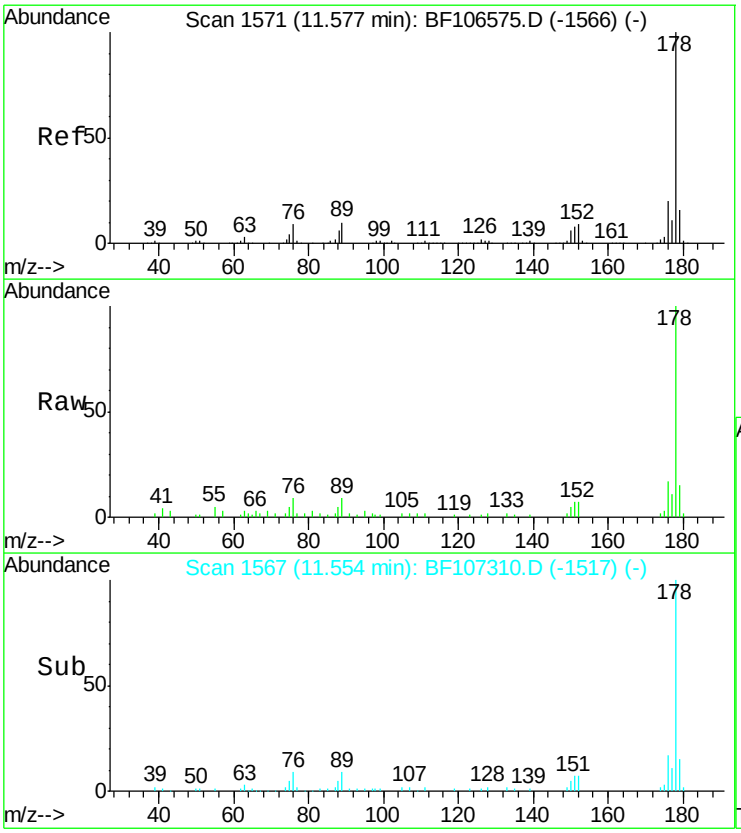
#70
Phenanthrene
Concen: 9.596 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:178 Resp: 90527

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.0	13.0	19.6

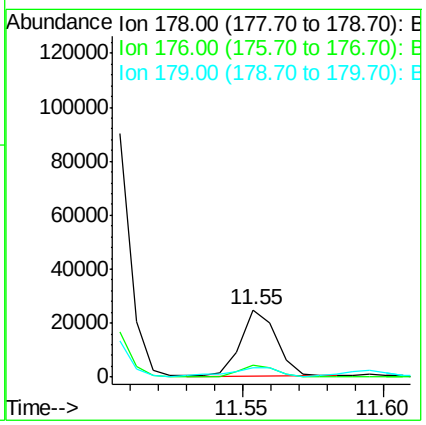


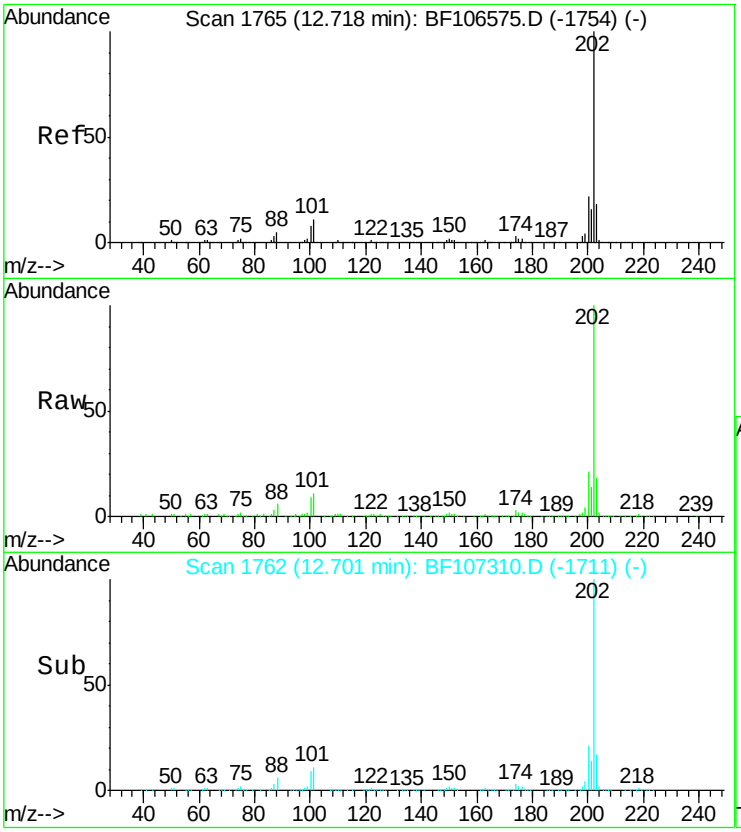


#71
Anthracene
Concen: 2.248 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:178 Resp: 21649

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	14.6	12.6	19.0



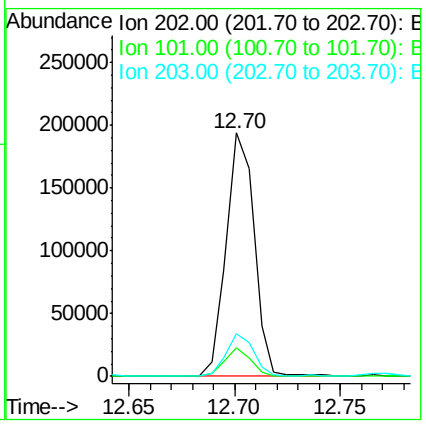


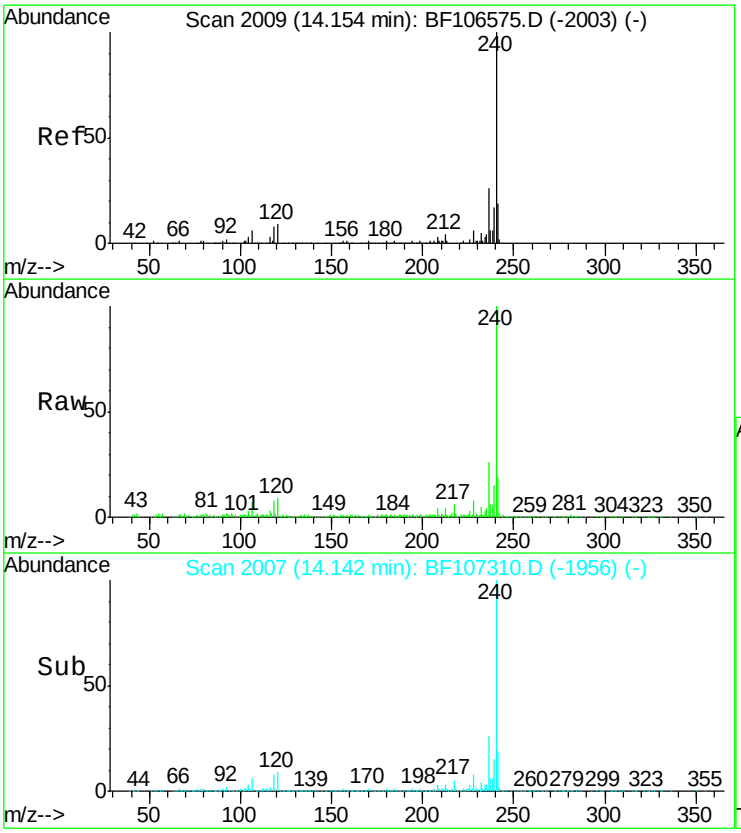
#74
Fluoranthene
Concen: 17.086 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:202 Resp: 177652

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.5	0.0	38.1

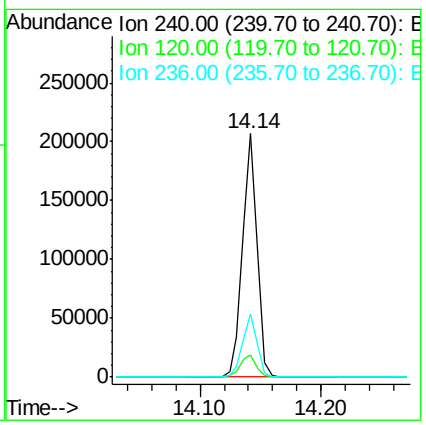


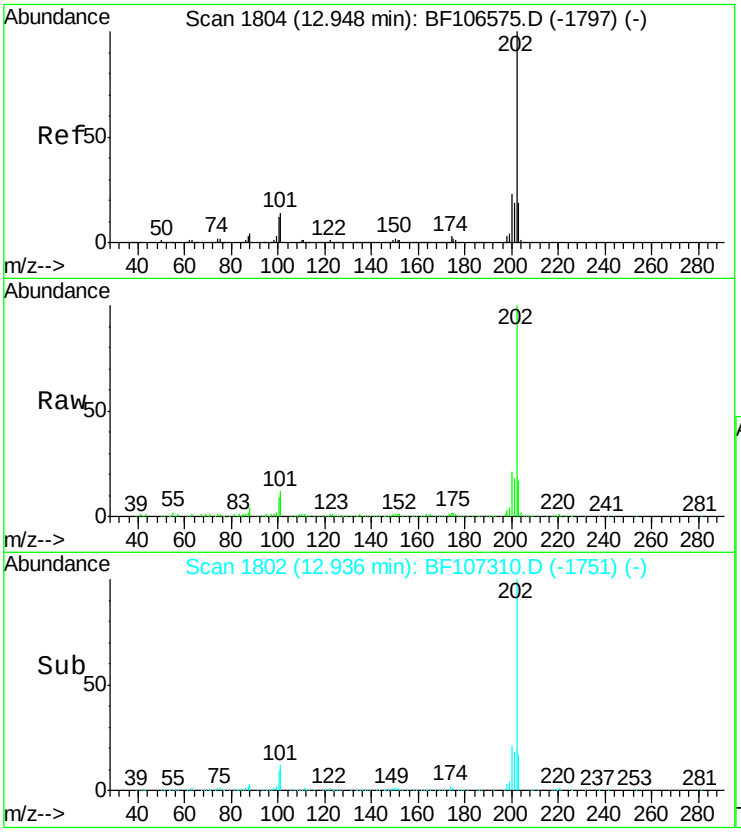


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:240 Resp: 173815

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	26.1	20.7	31.1



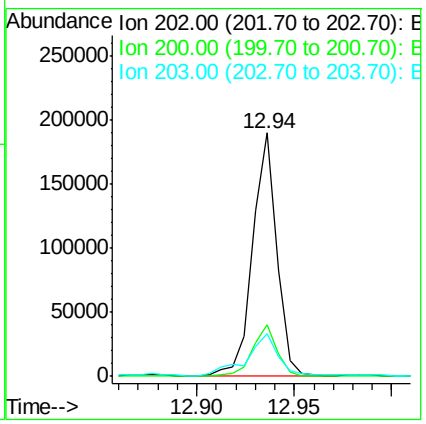


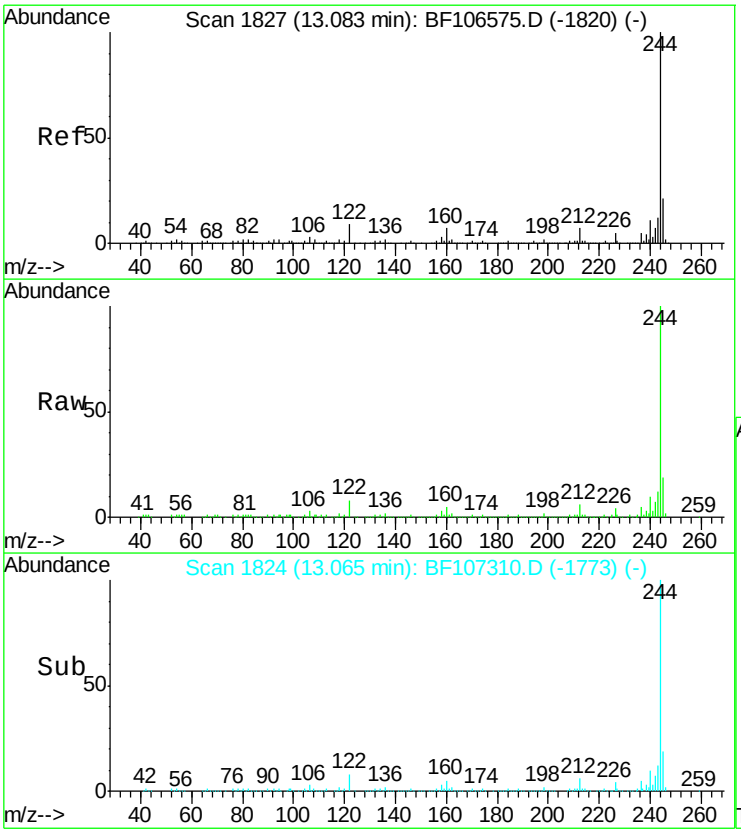
#77
Pyrene
Concen: 14.224 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:202 Resp: 163030

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.4	14.3	21.5

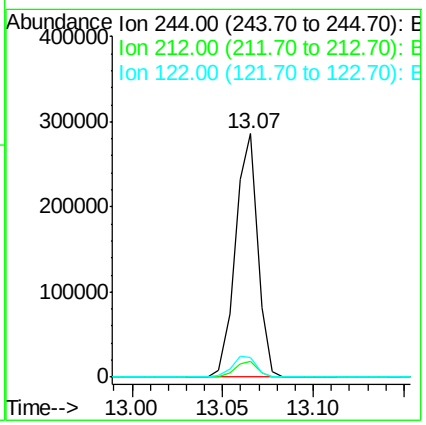


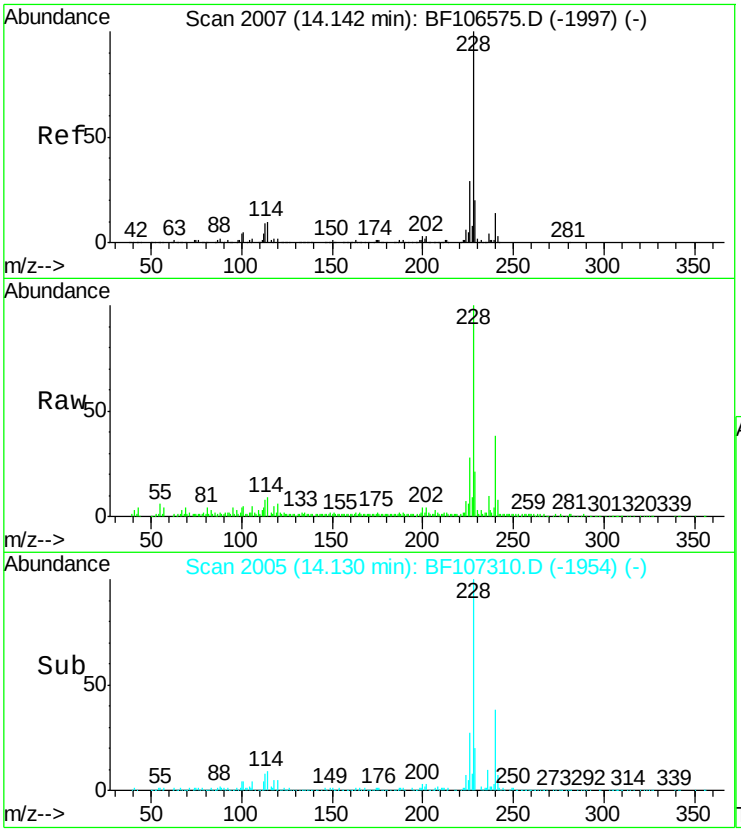


#78
Terphenyl-d14
Concen: 34.010 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:244 Resp: 244044

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.2	11.0	16.4#



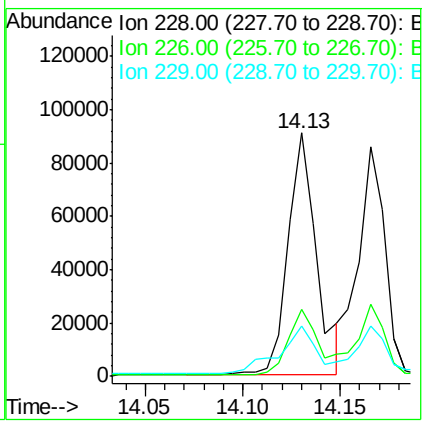


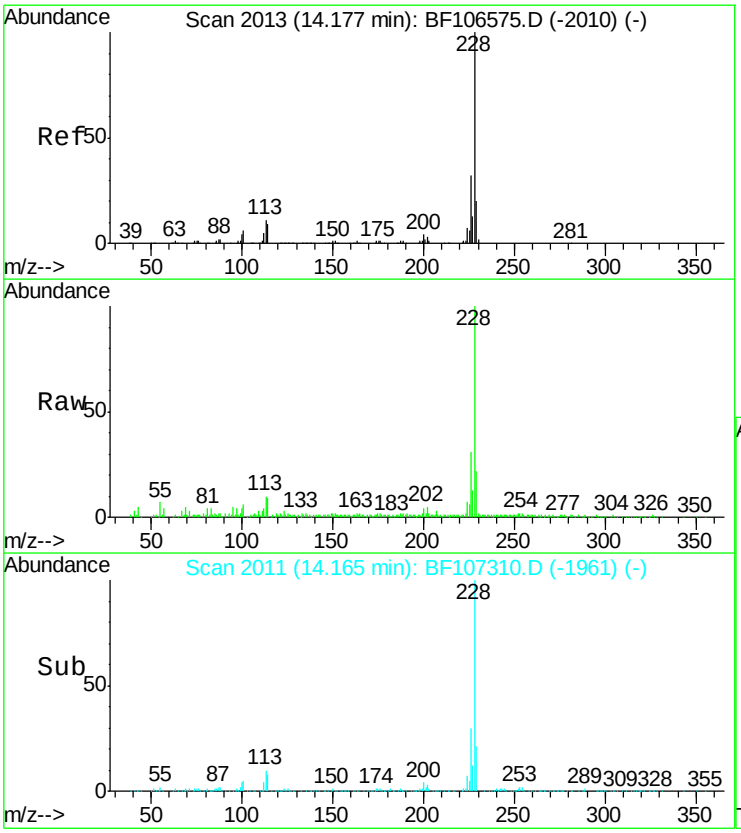
#80
Benzo(a)anthracene
Concen: 8.720 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:228 Resp: 92372

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.9	15.8	23.6

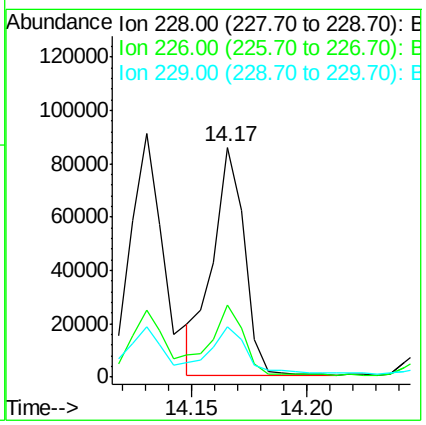


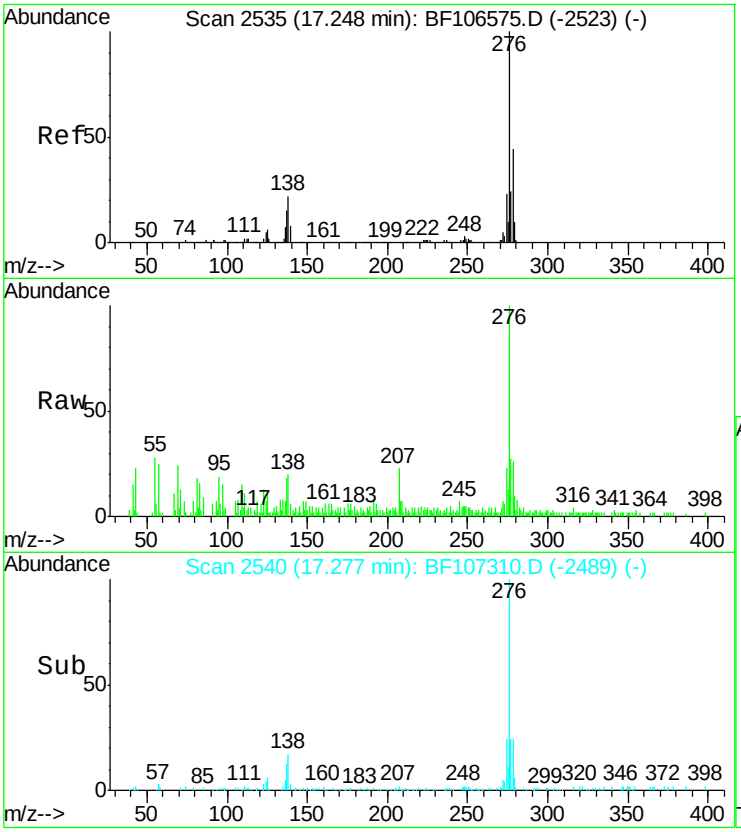


#82
Chrysene
Concen: 8.352 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:228 Resp: 81399

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.1	16.2	24.4



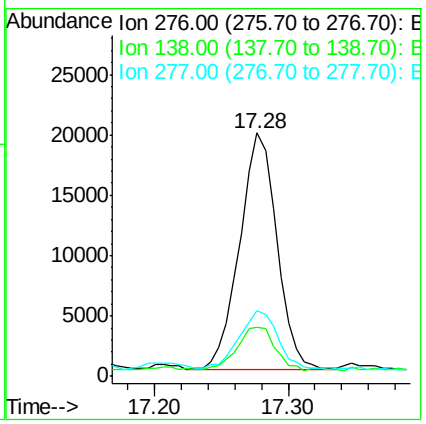


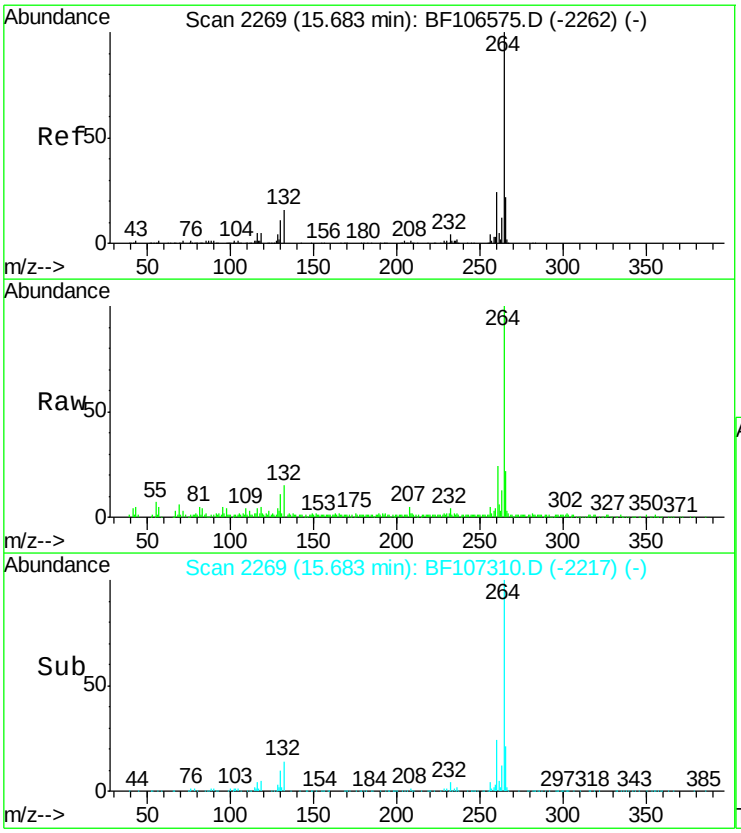
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.596 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:276 Resp: 38013

Ion	Ratio	Lower	Upper
276	100		
138	18.5	25.0	37.6#
277	26.4	20.1	30.1

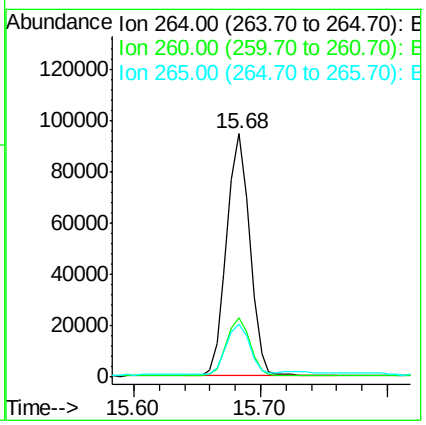


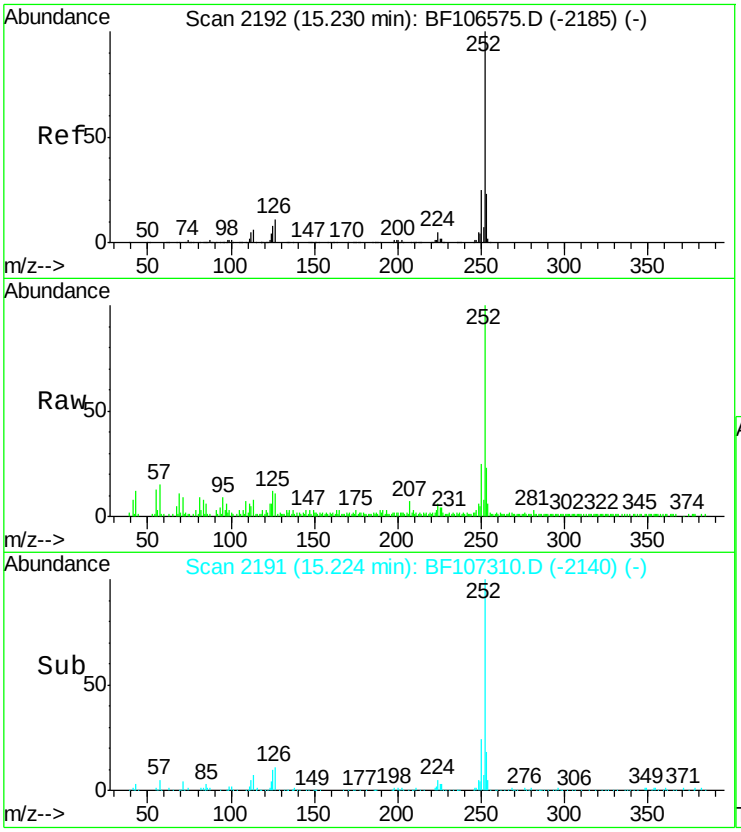


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:264 Resp: 119788

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3



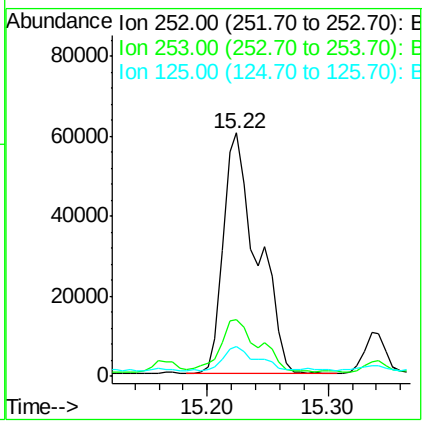


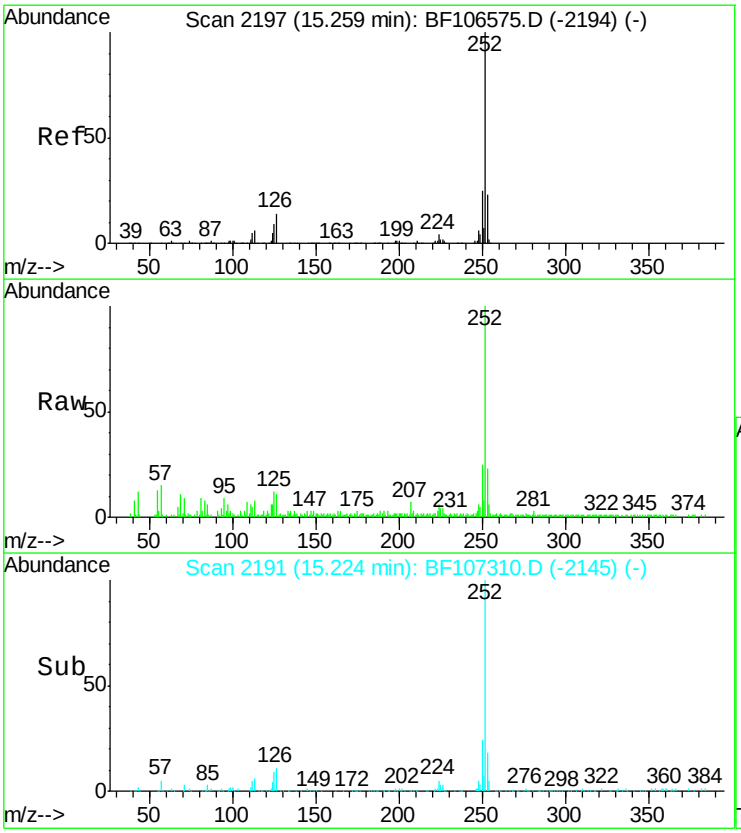
#87
Benzo(b)fluoranthene
Concen: 15.864 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:252 Resp: 118050

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.1	9.0	13.6

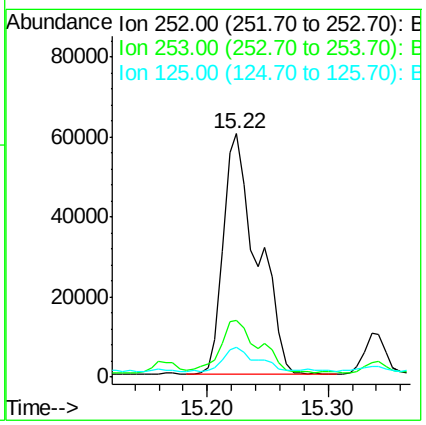


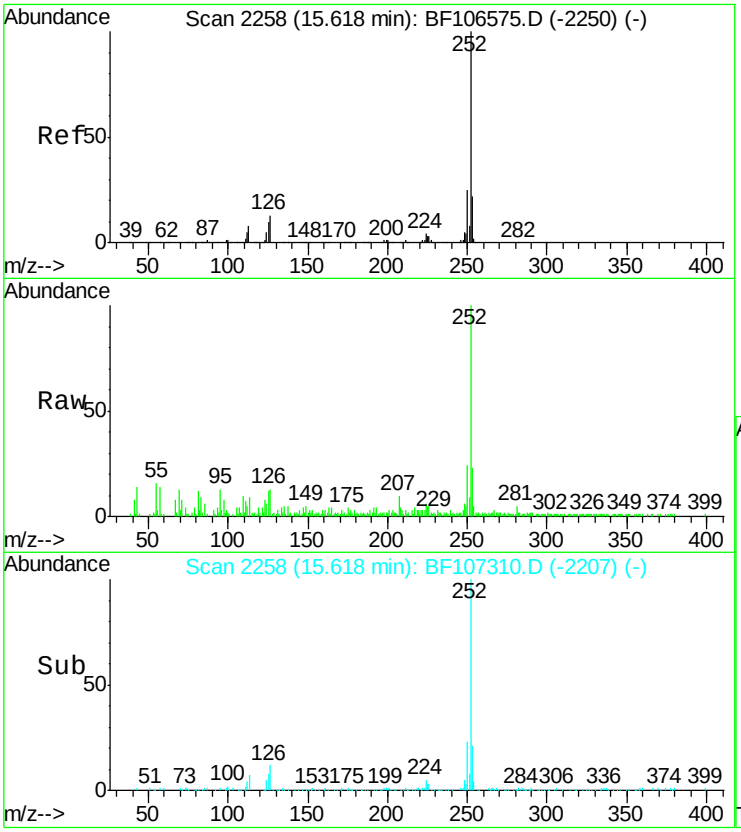


#88
Benzo(k)fluoranthene
Concen: 16.659 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:252 Resp: 118050

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	12.1	10.2	15.2



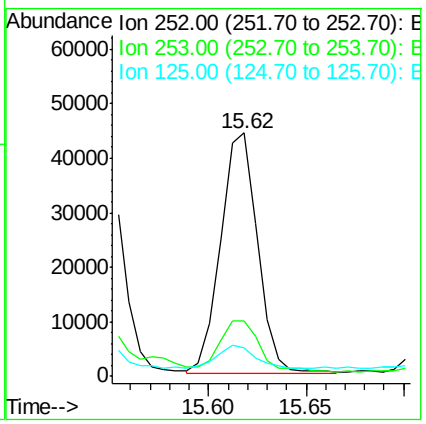


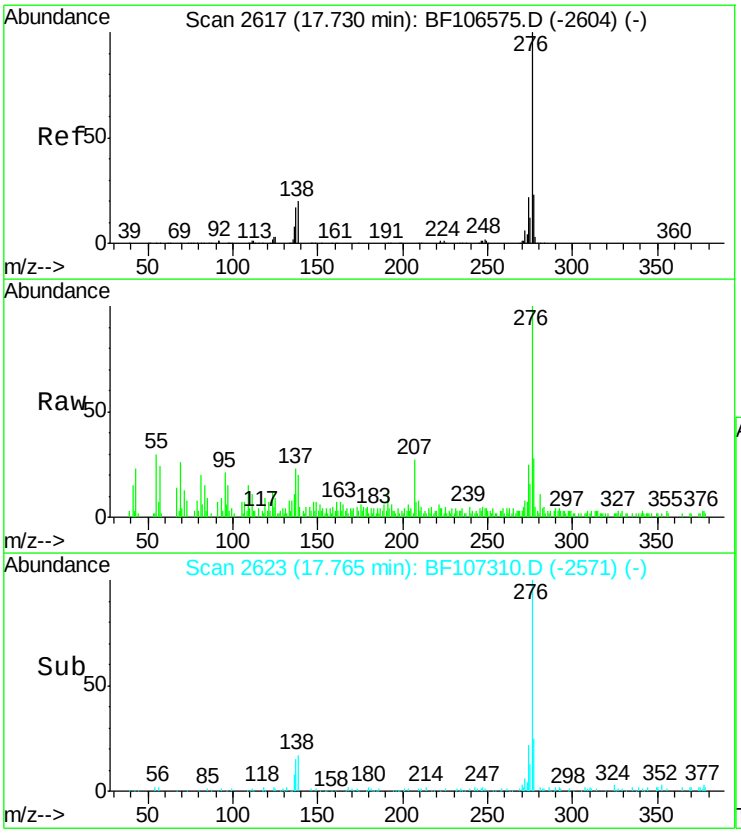
#89
Benzo(a)pyrene
Concen: 8.708 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Instrument :
BNA_F
ClientSampleId :
NEMH

Tgt Ion:252 Resp: 57605

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	11.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.965 ng
RT: 17.77 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF107310.D
Acq: 11 Jul 2018 19:46

Tgt Ion:276 Resp: 38167

Ion	Ratio	Lower	Upper
276	100		
277	28.1	17.9	26.9#
138	19.7	21.8	32.8#