Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107303.D
Acq On : 11 Jul 2018 16:38
Operator : JU/SJ
Sample : J3933-02DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP-2-4DL

Quant Time: Jul 11 17:31:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	59708	20.00	ng		-0.03
21) Naphthalene-d8	8.21	136	228025	20.00	ng		-0.04
38) Acenaphthene-d10	9.98	164	101545	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	173287	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	187942	20.00	ng		-0.02
86) Perylene-d12	15.68	264	155518	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	33267	9.43	ng		-0.03
7) Phenol-d6	6.58	99	42424	9.63	ng		-0.04
23) Nitrobenzene-d5	7.50	82	25004	6.09	ng		-0.04
41) 2,4,6-Tribromophenol	10.78	330	8818	7.49	ng		-0.02
44) 2-Fluorobiphenyl	9.29	172	51979	-7.37	ng		-0.03
78) Terphenyl-d14	13.06	244	50643	6.53	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.50	82	25004	3.458	ng	#	64
50) 2,6-Dinitrotoluene	9.98	165	13591	8.427	ng	#	24
51) Acenaphthene	10.01	154	15477	2.444	ng		98
57) Fluorene	10.53	166	16883	2.453	ng	#	98
70) Phenanthrene	11.50	178	364217	43.577	ng		99
71) Anthracene	11.55	178	55897	6.552	ng		99
74) Fluoranthene	12.70	202	388913	42.217	ng		96
77) Pyrene	12.94	202	527115	42.532	ng		99
80) Benzo(a)anthracene	14.13	228	320489	27.979	ng		98
82) Chrysene	14.17	228	315294	29.920	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	86521	9.675	ng	#	87
87) Benzo(b)fluoranthene	15.22	252	348799	36.105	ng		96
88) Benzo(k)fluoranthene	15.34	252	38264	4.159	ng		95
89) Benzo(a)pyrene	15.55	252	163157	18.998	ng		99
90) Dibenzo(a,h)anthracene	17.46	278	22337	3.069	ng		97
91) Benzo(g,h,i)perylene	17.77	276	104954	14.753	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107303.D
Acq On : 11 Jul 2018 16:38
Operator : JU/SJ
Sample : J3933-02DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Quant Time: Jul 11 17:31:17 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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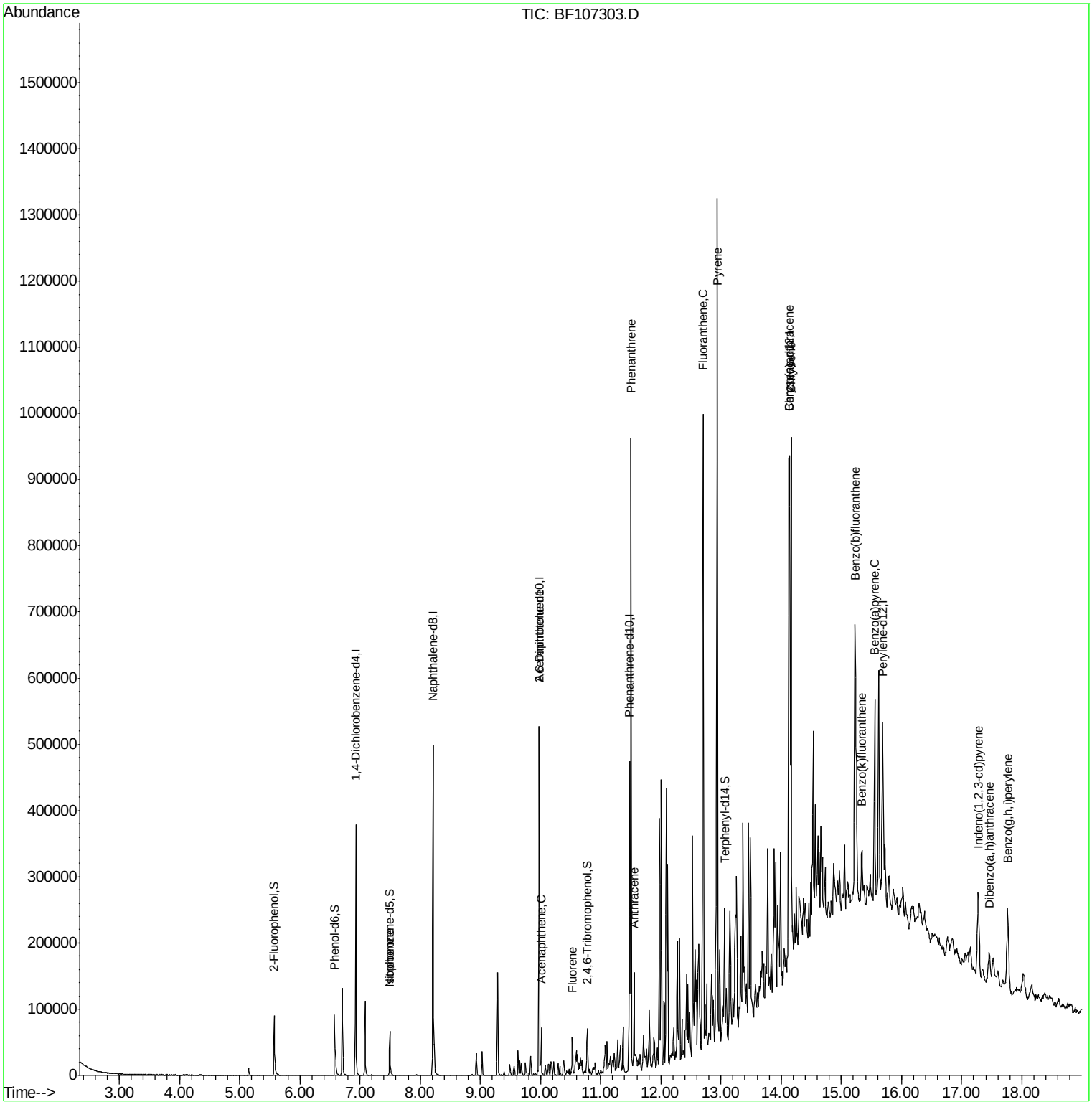
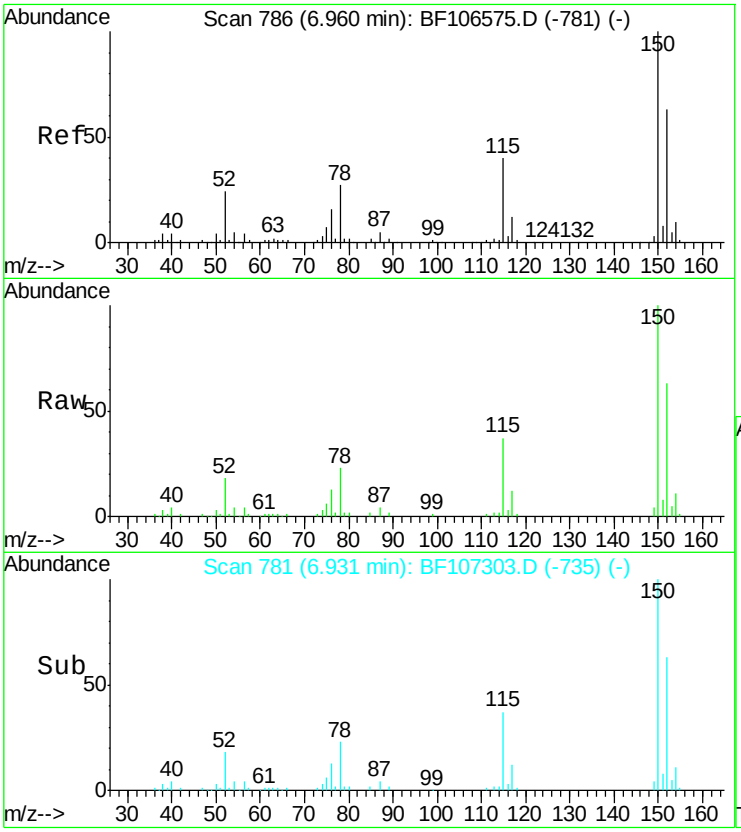


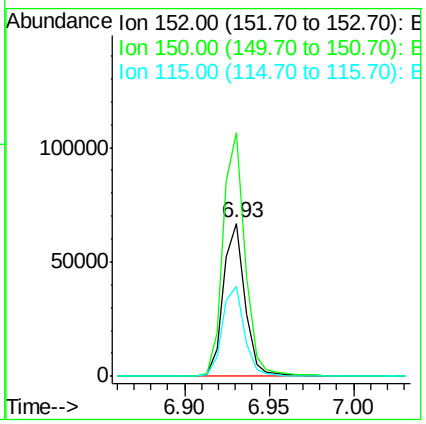


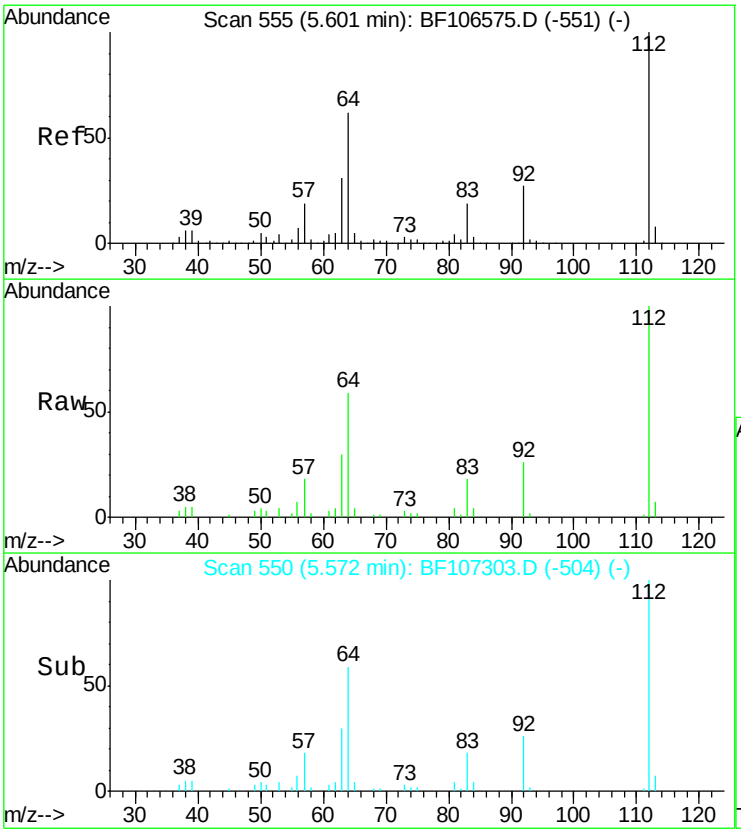
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:152 Resp: 59708

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	58.4	50.1	75.1

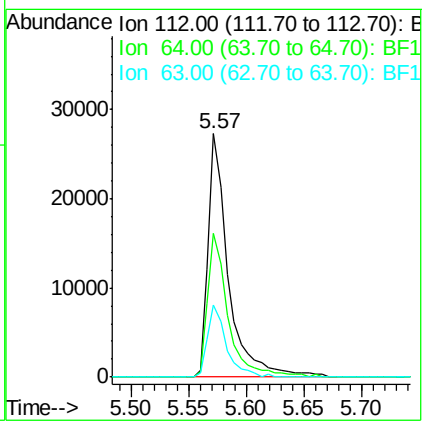


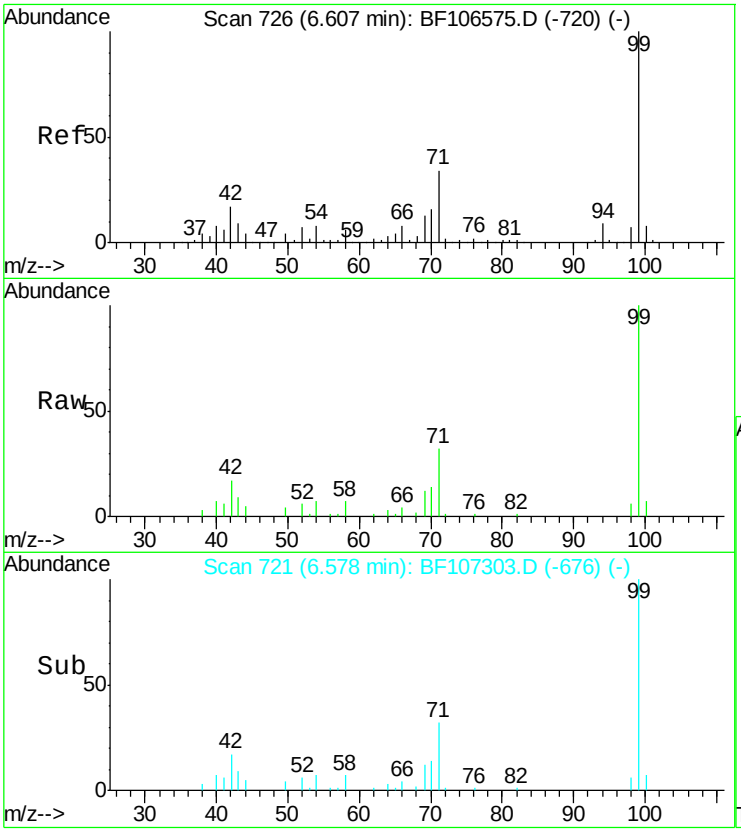


#5
2-Fluorophenol
Concen: 9.435 ng
RT: 5.57 min Scan# 550
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:112 Resp: 33267

Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	29.8	23.7	35.5



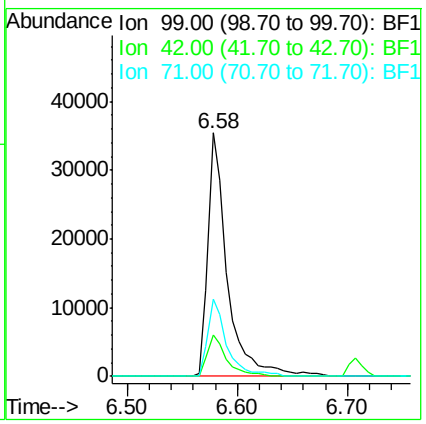


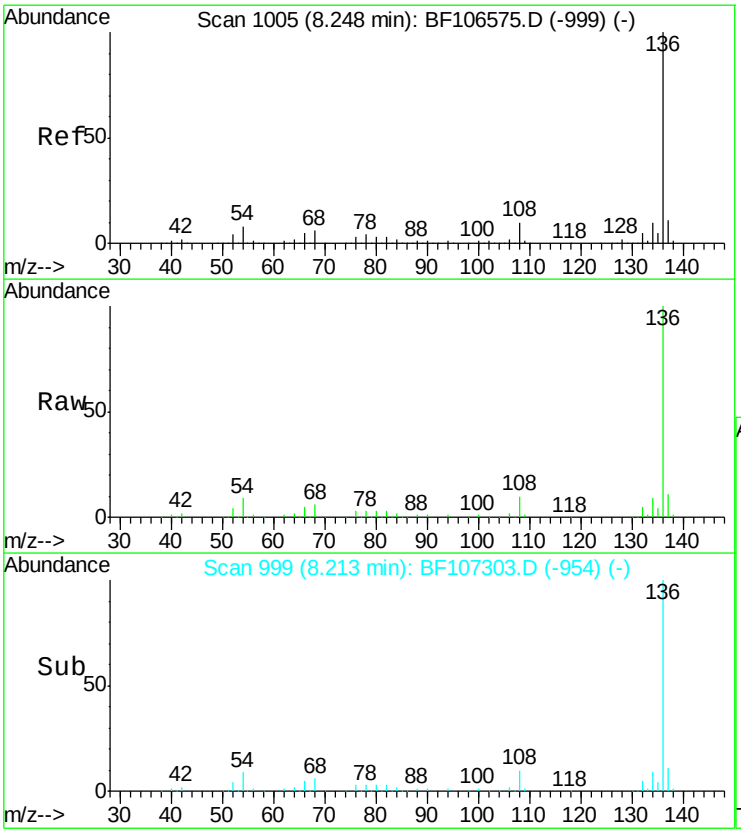
#7
Phenol-d6
Concen: 9.634 ng
RT: 6.58 min Scan# 721
Delta R.T. -0.04 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion: 99 Resp: 42424

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.5	21.7
71	31.9	25.4	38.0

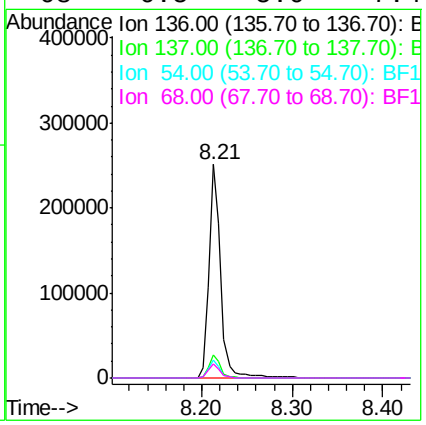


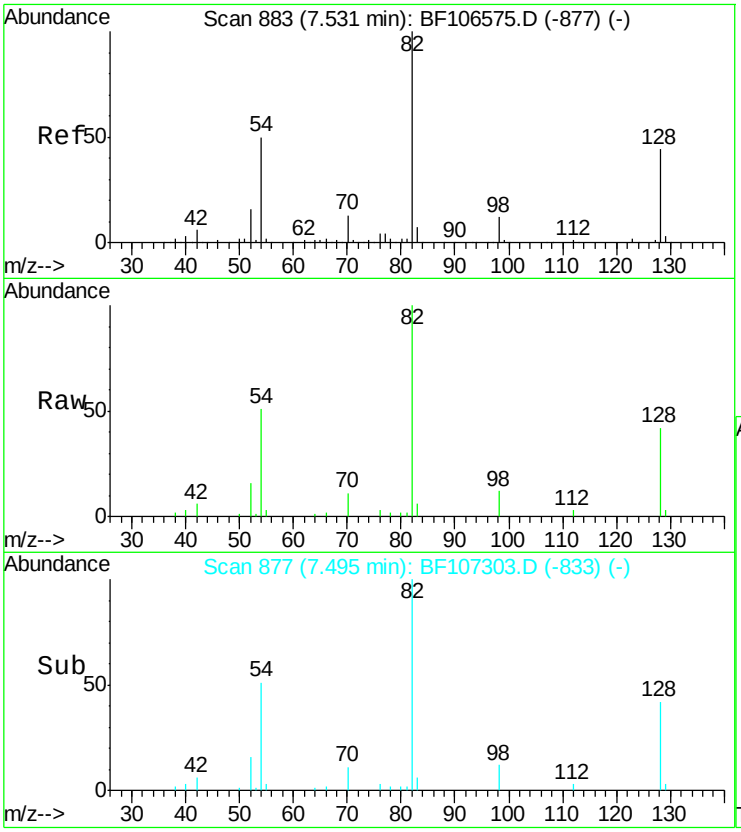


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.04 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:136 Resp: 228025

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.5	5.0	7.4



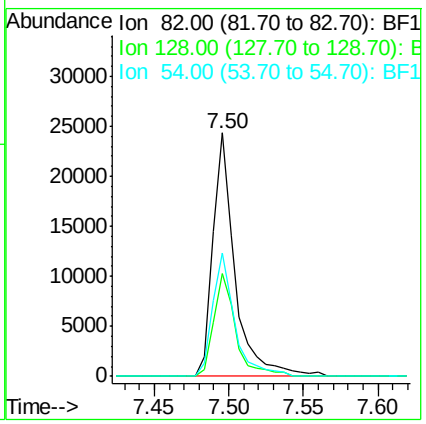


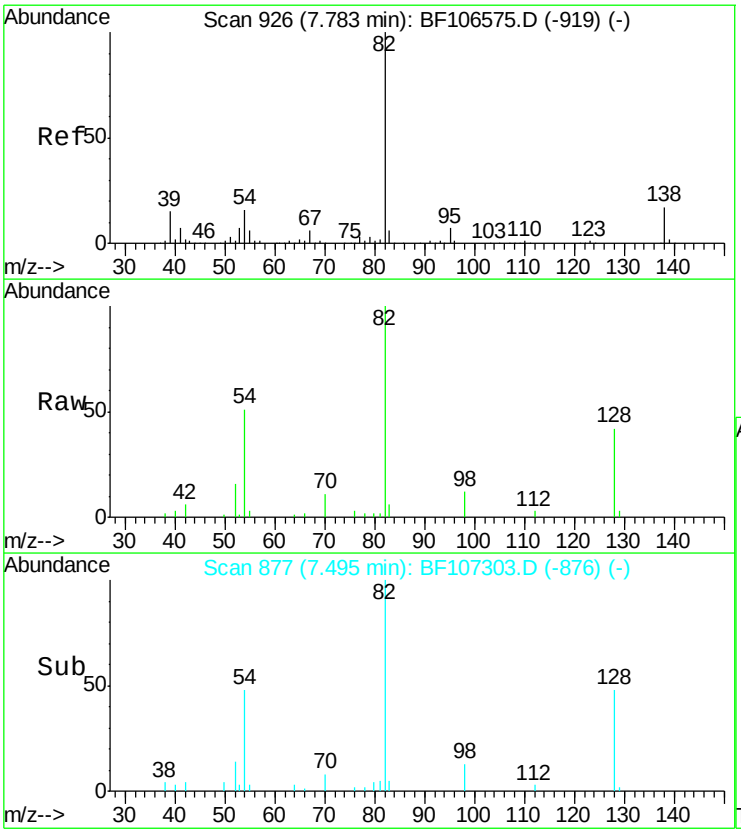
#23
Nitrobenzene-d5
Concen: 6.094 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.04 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion: 82 Resp: 25004

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	50.7	41.4	62.2

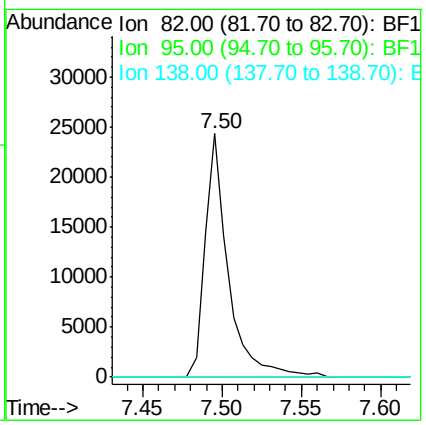


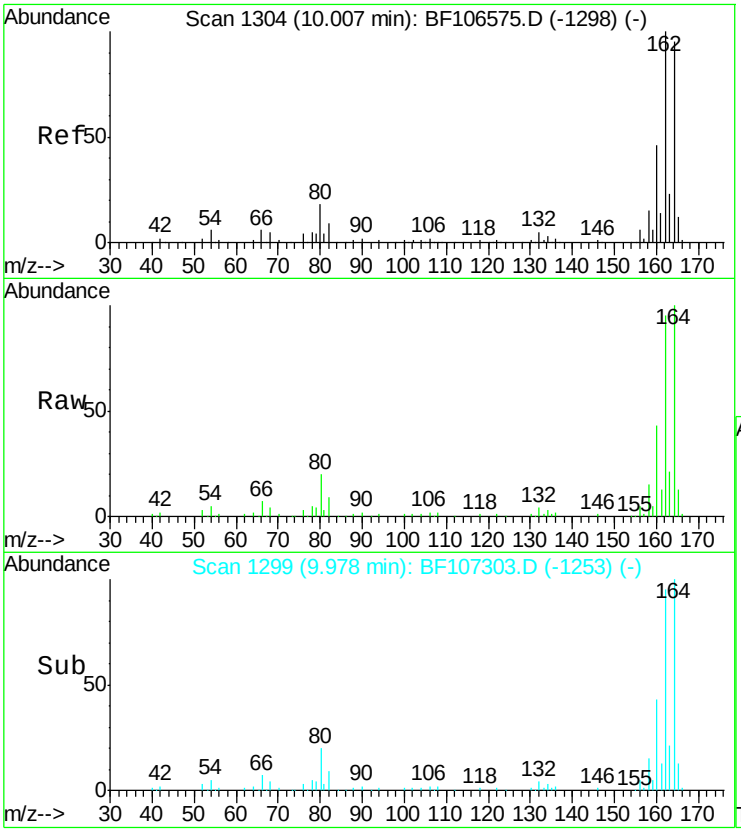


#25
Isophorone
Concen: 3.458 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion: 82 Resp: 25004

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



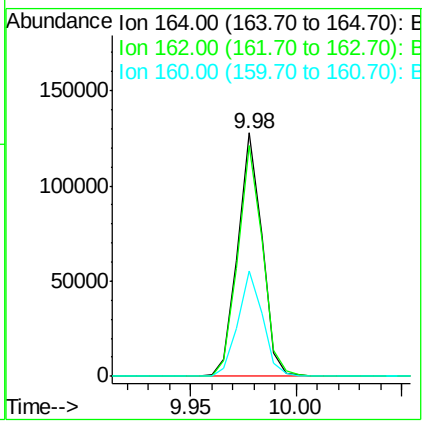


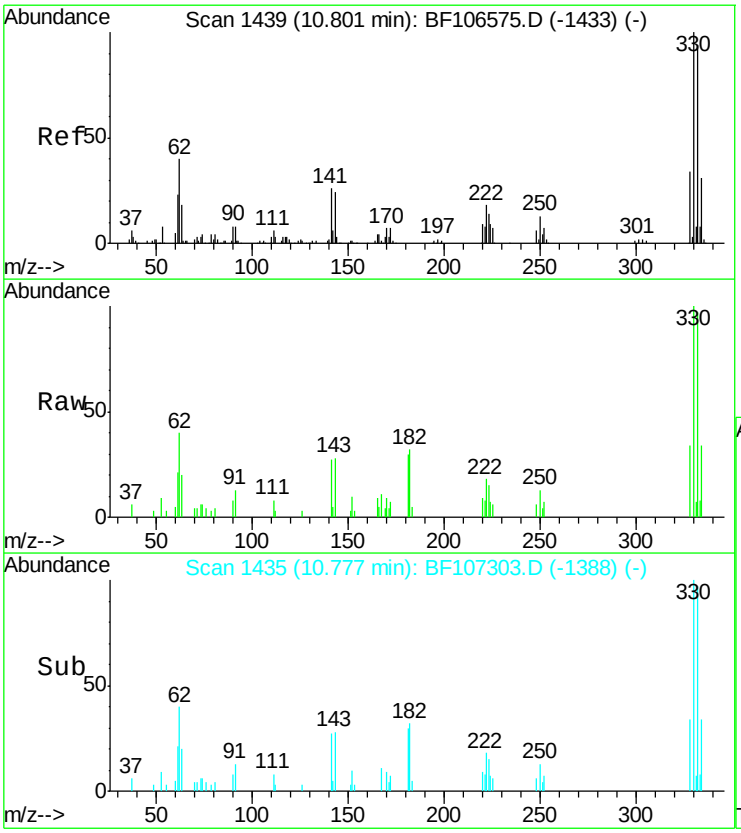
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:164 Resp: 101545

Ion	Ratio	Lower	Upper
164	100		
162	95.0	86.1	129.1
160	43.1	38.3	57.5

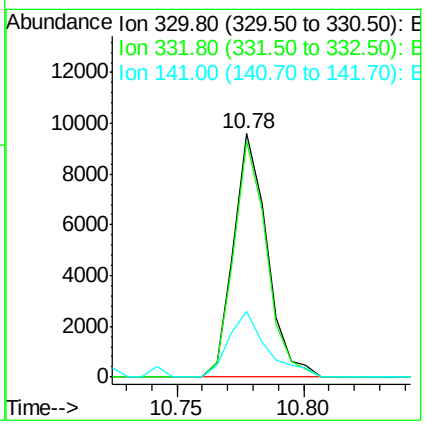


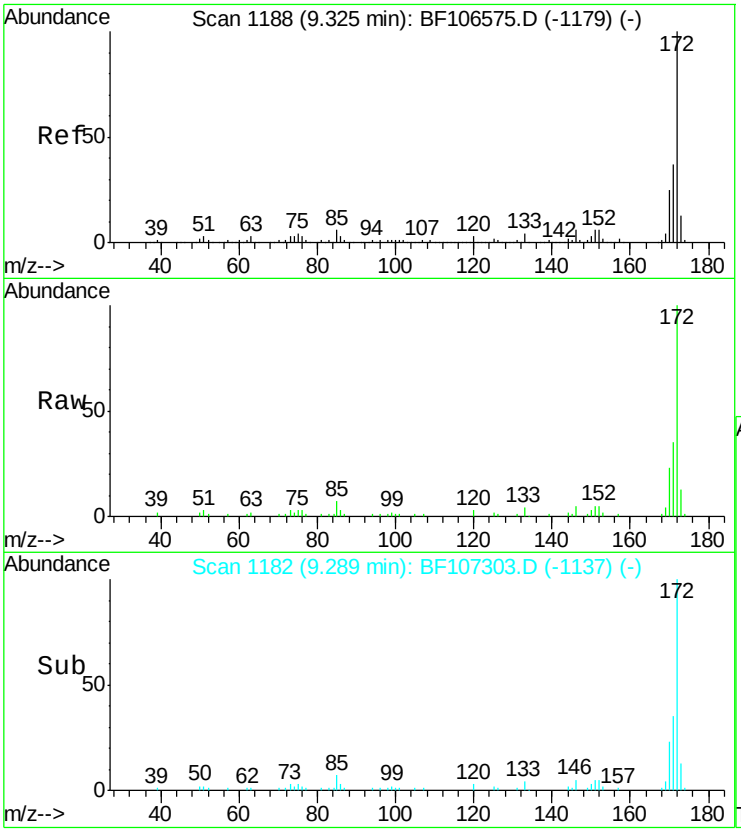


#41
2,4,6-Tribromophenol
Concen: 7.492 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:330 Resp: 8818

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	30.7	29.9	44.9



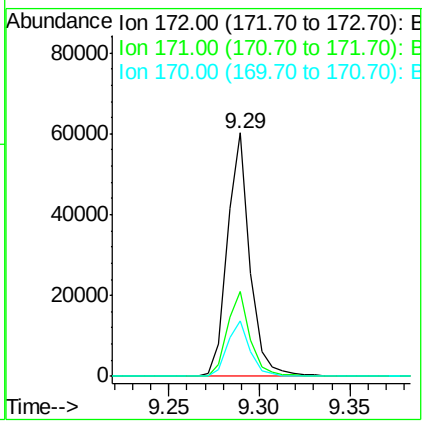


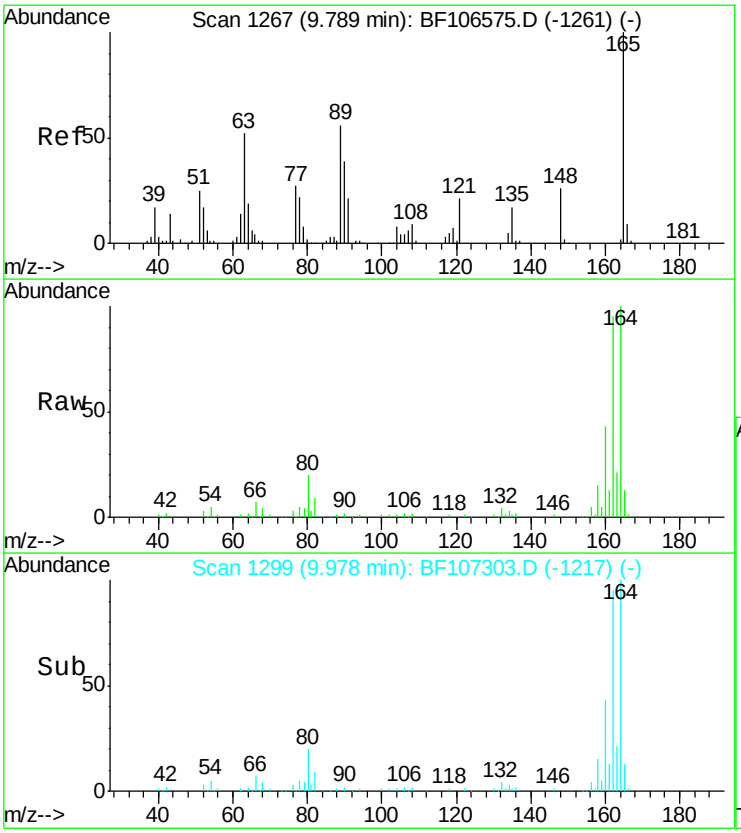
#44
2-Fluorobiphenyl
Concen: -7.365 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:172 Resp: 51979

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.8	19.6	29.4

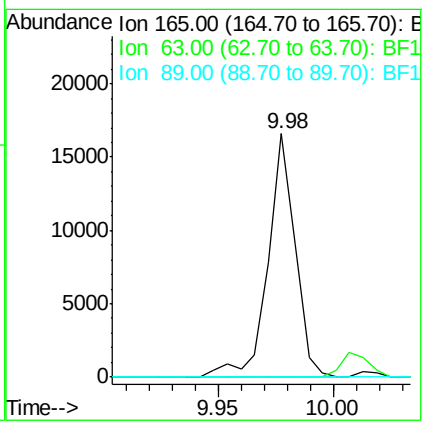


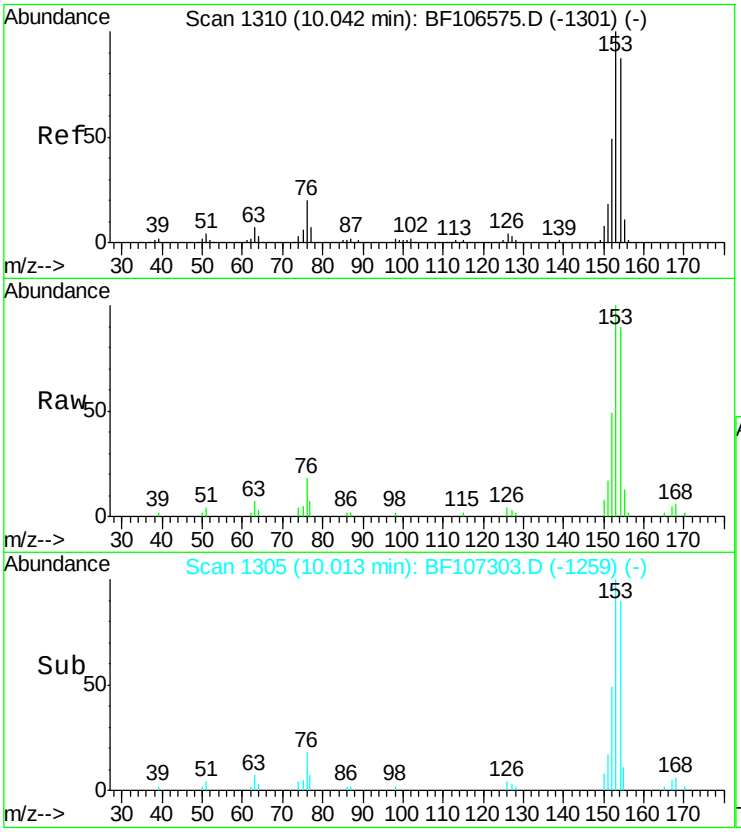


#50
2,6-Dinitrotoluene
Concen: 8.427 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.18 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:165 Resp: 13591

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



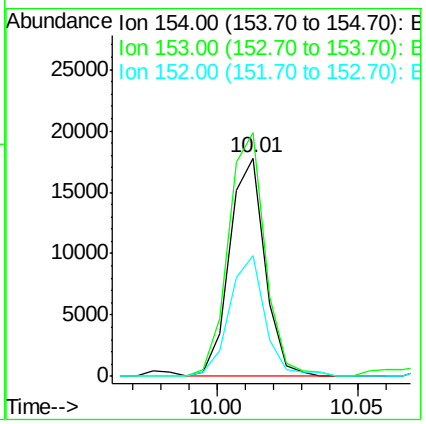


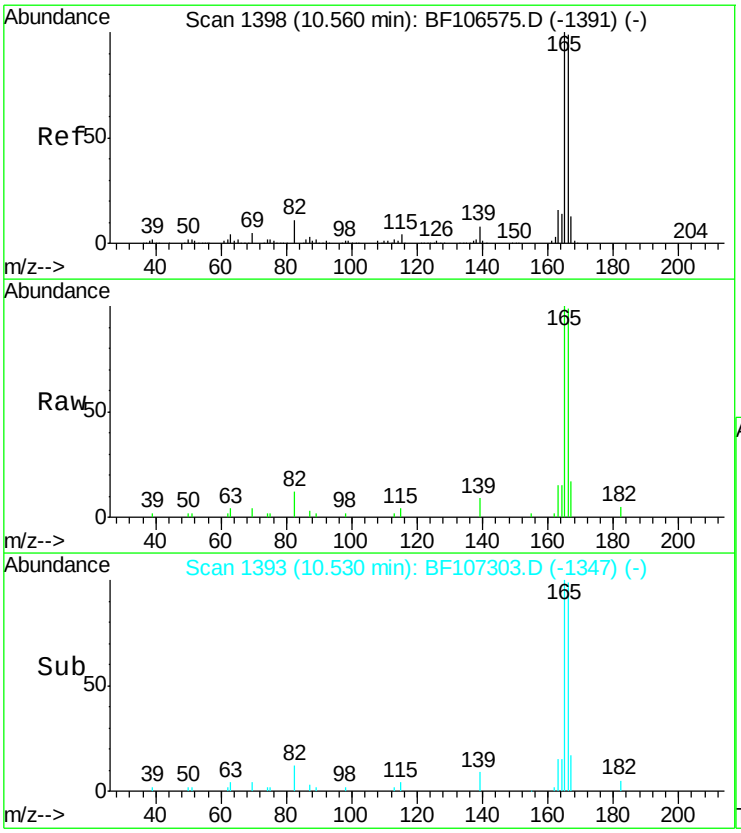
#51
Acenaphthene
Concen: 2.444 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:154 Resp: 15477

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	55.2	43.8	65.8

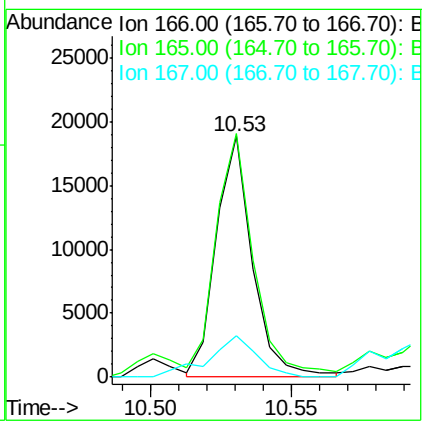


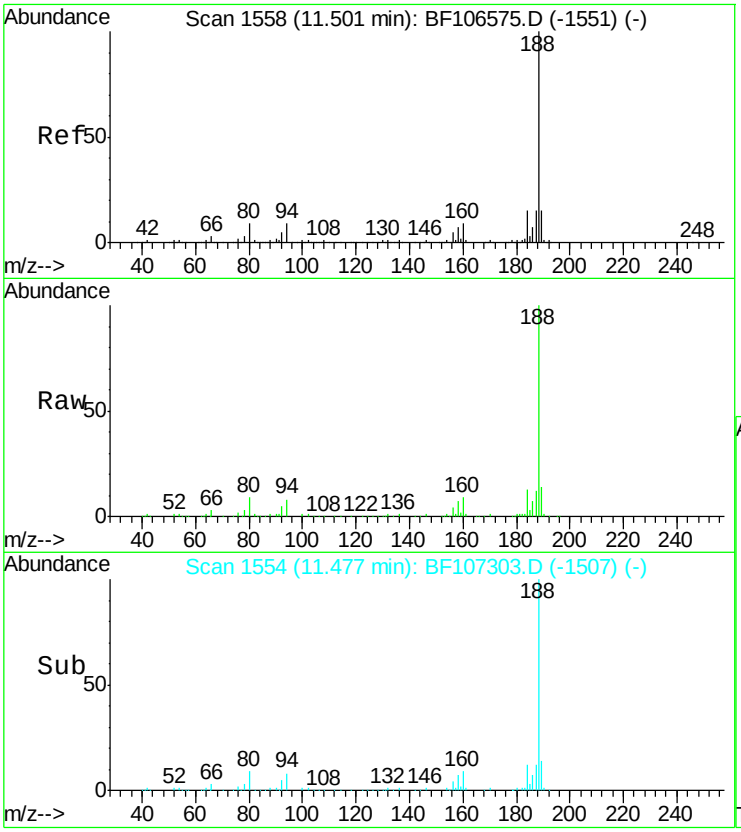


#57
Fluorene
Concen: 2.453 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:166 Resp: 16883

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	17.0	10.6	16.0#



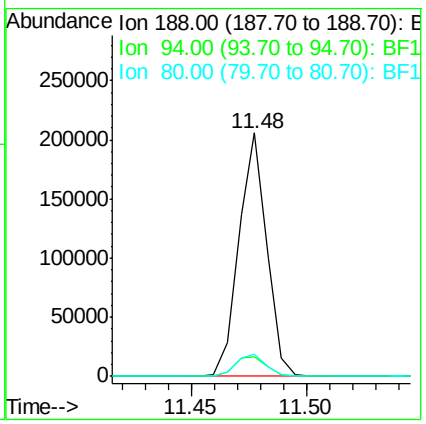


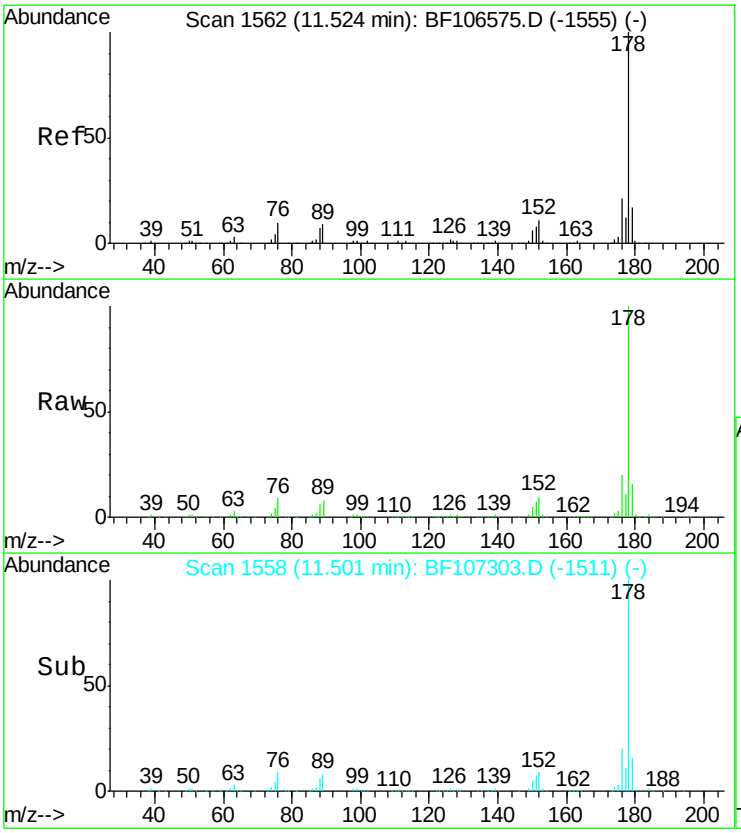
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:188 Resp: 173287

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.1	9.2	13.8#

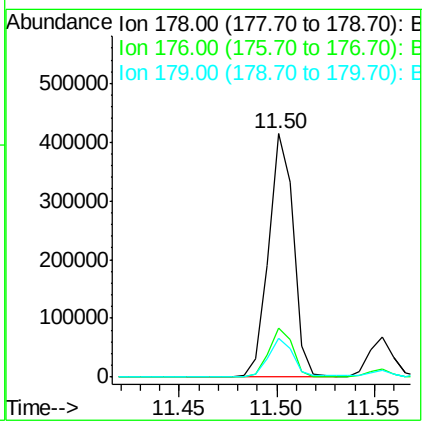


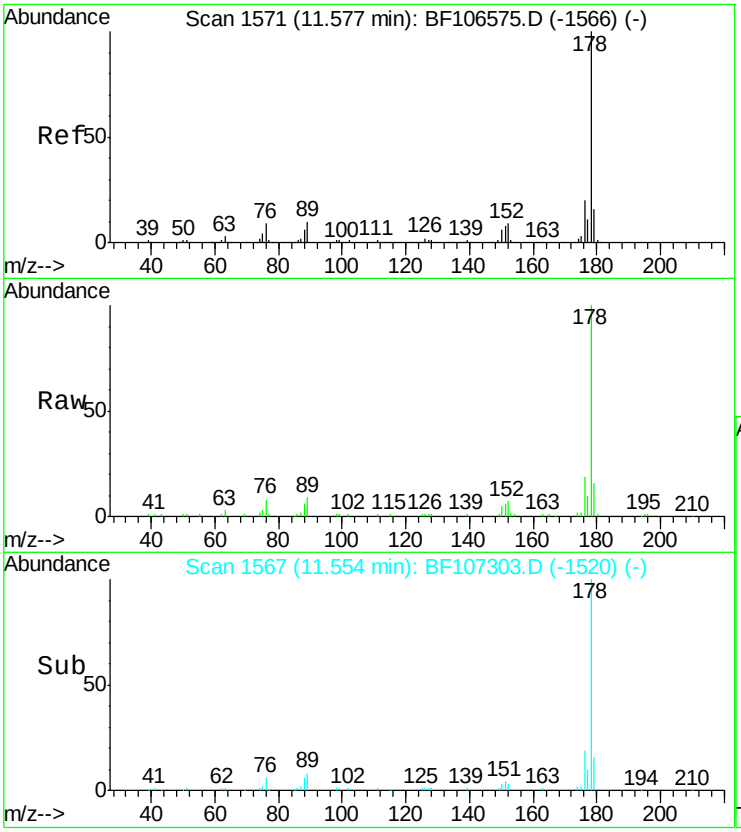


#70
Phenanthrene
Concen: 43.577 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:178 Resp: 364217

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6



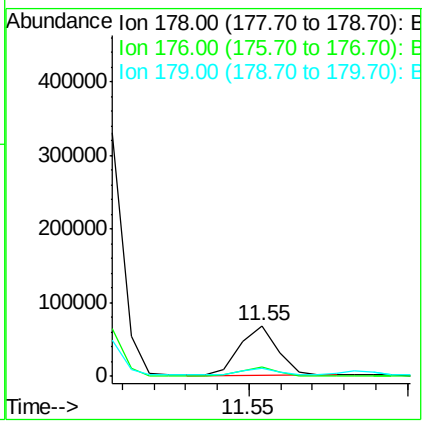


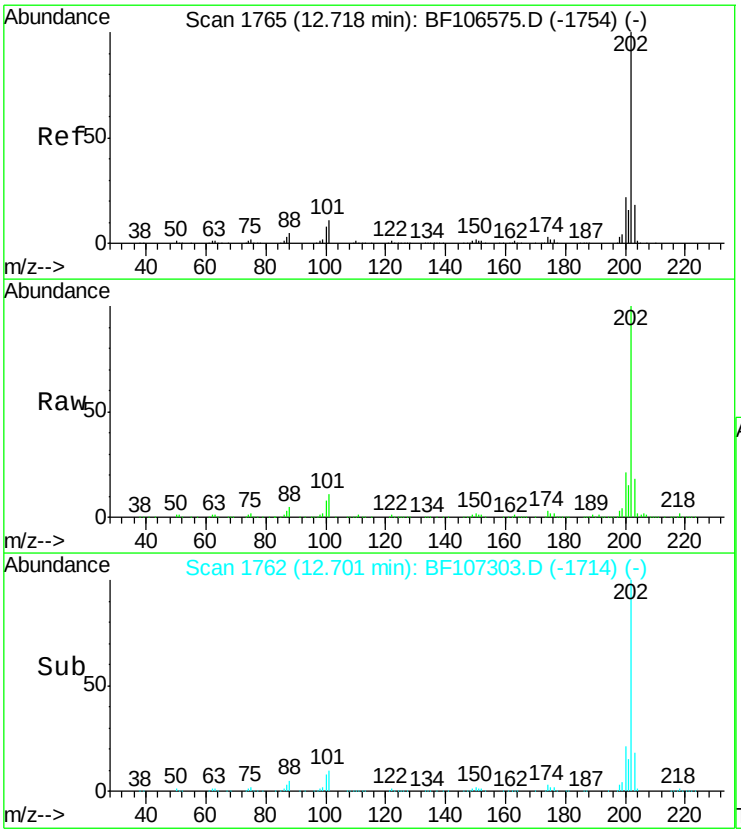
#71
Anthracene
Concen: 6.552 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:178 Resp: 55897

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	16.0	12.6	19.0

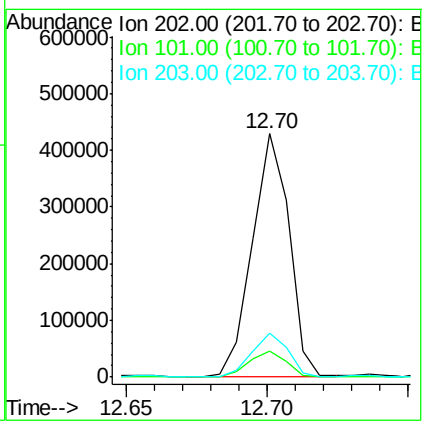


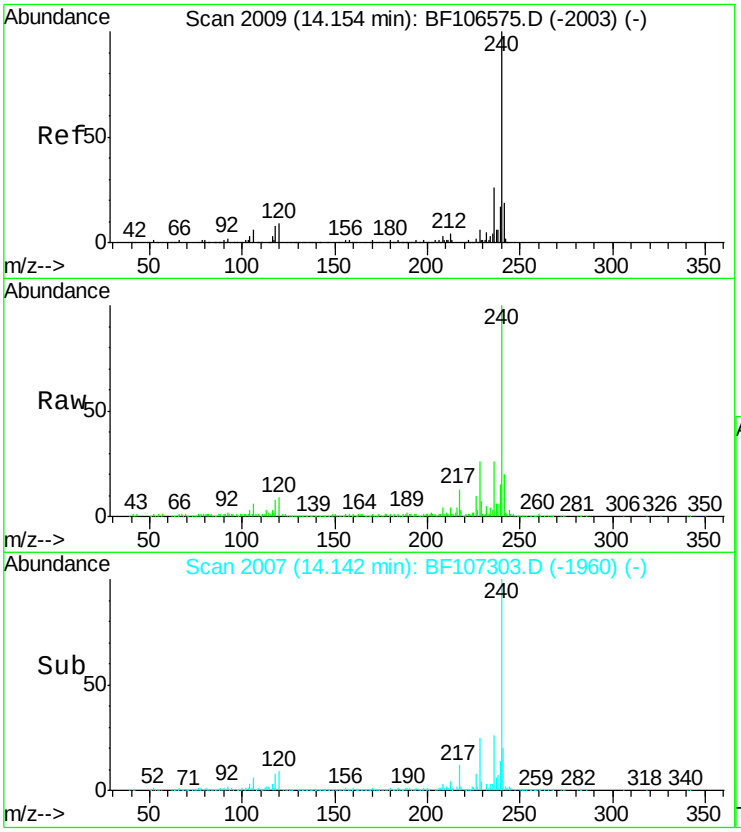


#74
Fluoranthene
Concen: 42.217 ng
RT: 12.70 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:202 Resp: 388913

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	34.1
203	17.9	0.0	38.1



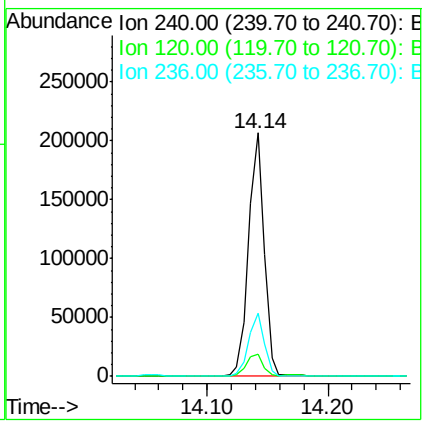


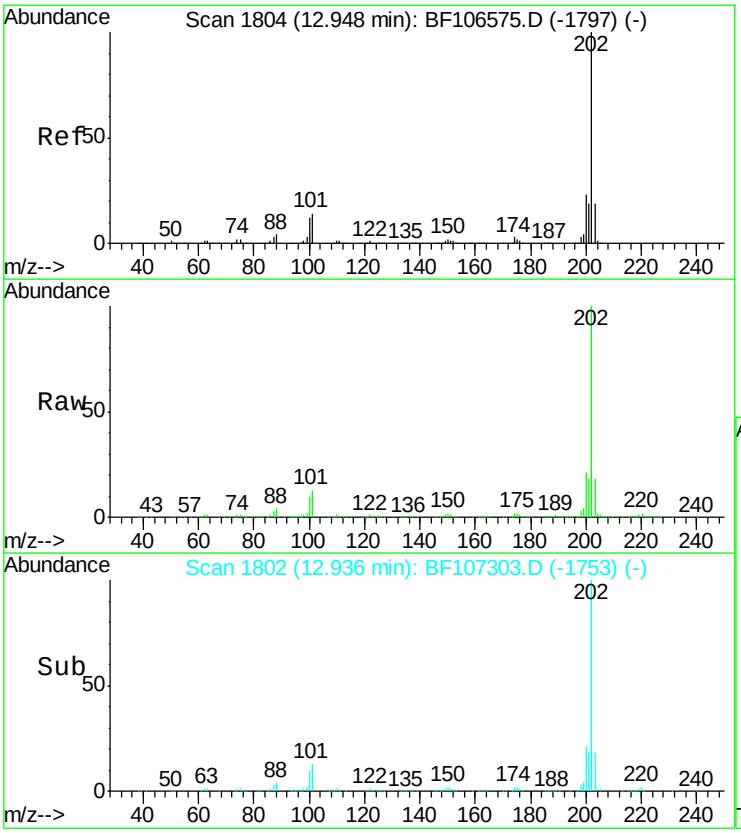
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:240 Resp: 187942

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.0	20.7	31.1

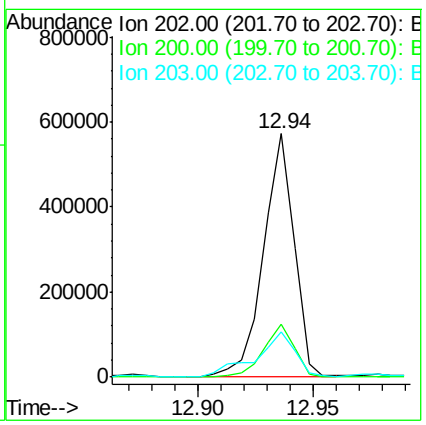


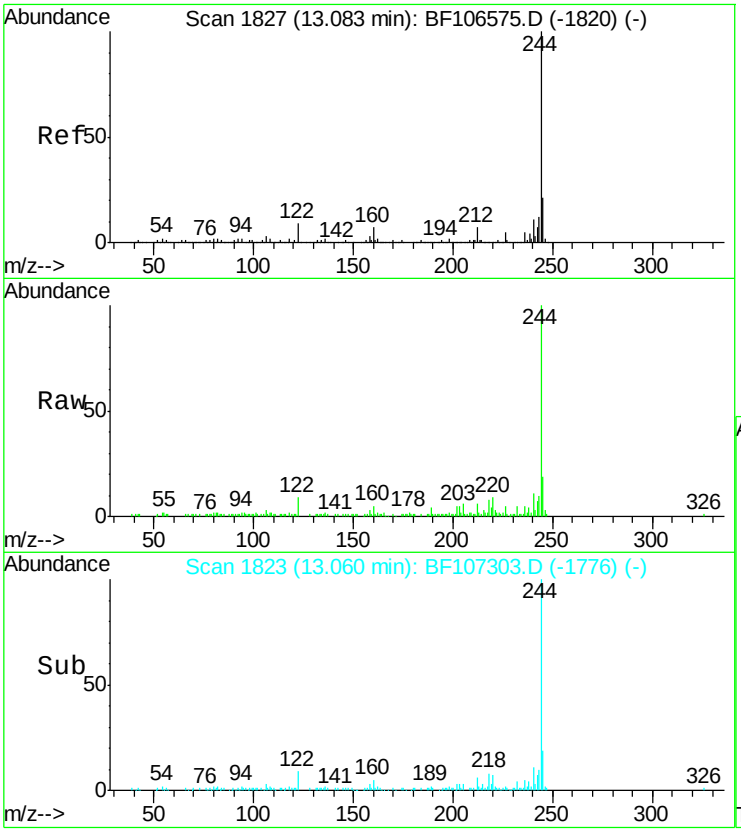


#77
Pyrene
Concen: 42.532 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:202 Resp: 527115

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.4	14.3	21.5



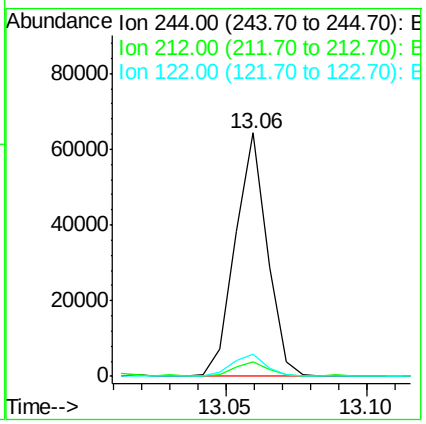


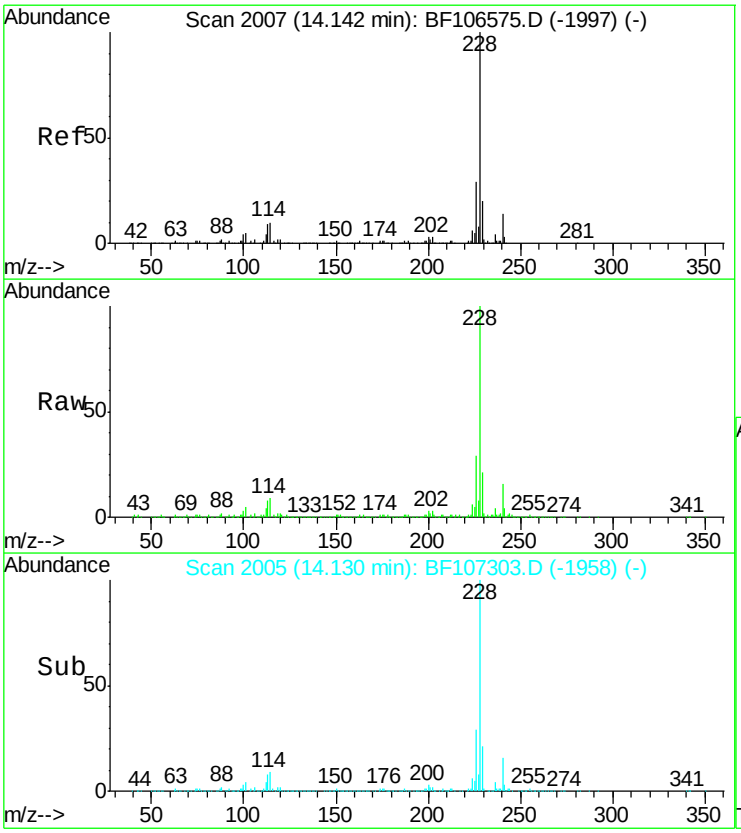
#78
Terphenyl-d14
Concen: 6.527 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:244 Resp: 50643

Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.4	8.0
122	9.3	11.0	16.4#

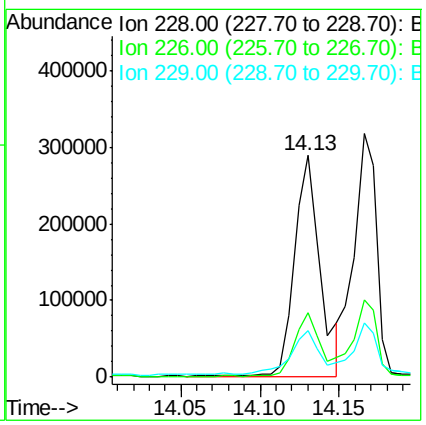


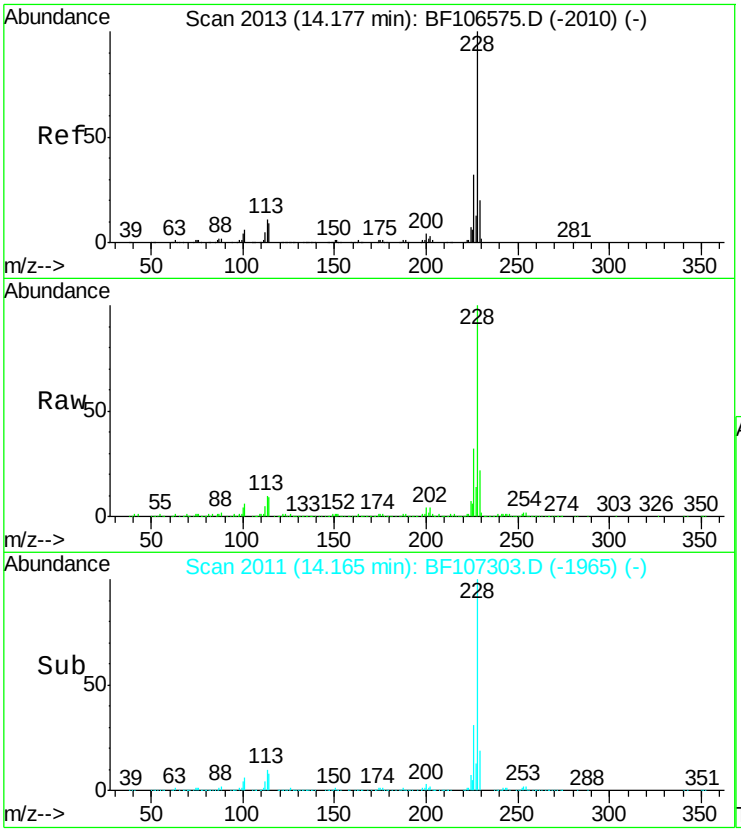


#80
Benzo(a)anthracene
Concen: 27.979 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:228 Resp: 320489

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	21.3	15.8	23.6



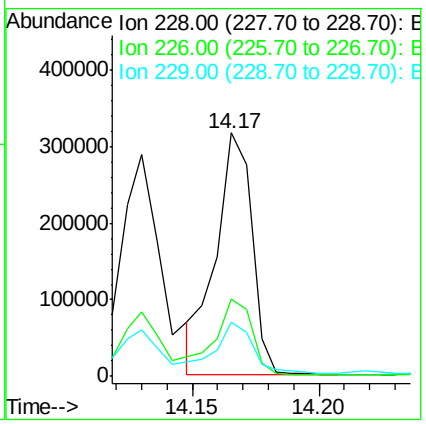


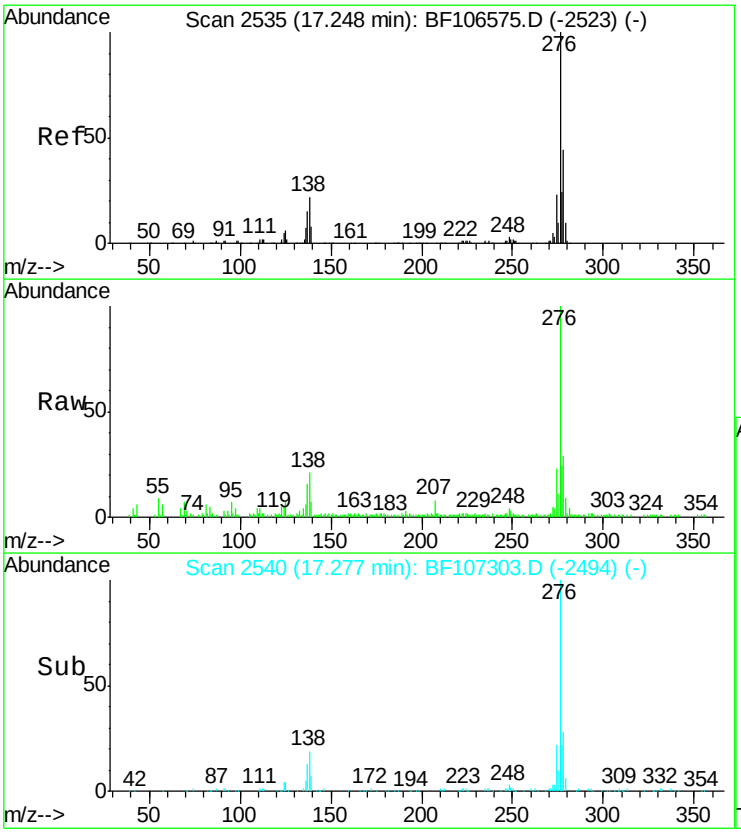
#82
Chrysene
Concen: 29.920 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:228 Resp: 315294

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	22.0	16.2	24.4

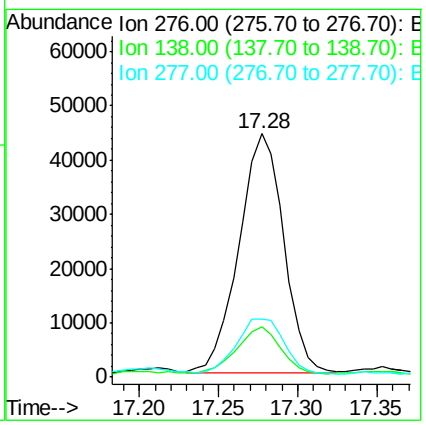


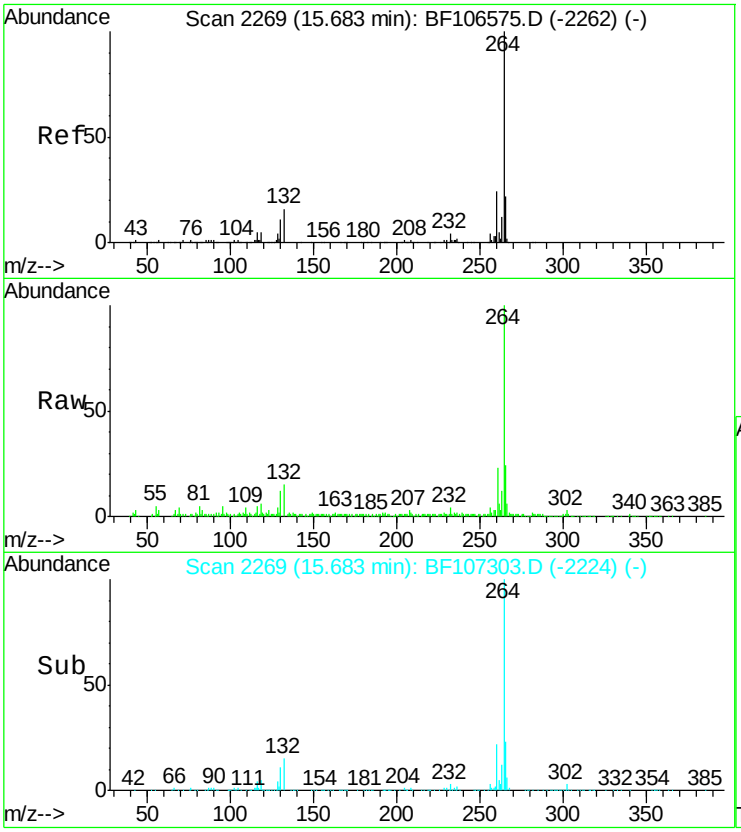


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.675 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:276 Resp: 86521

Ion	Ratio	Lower	Upper
276	100		
138	19.3	25.0	37.6#
277	24.5	20.1	30.1



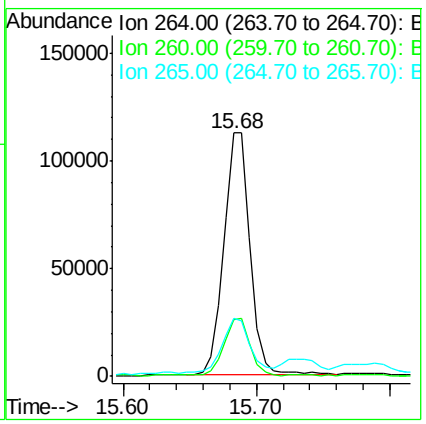


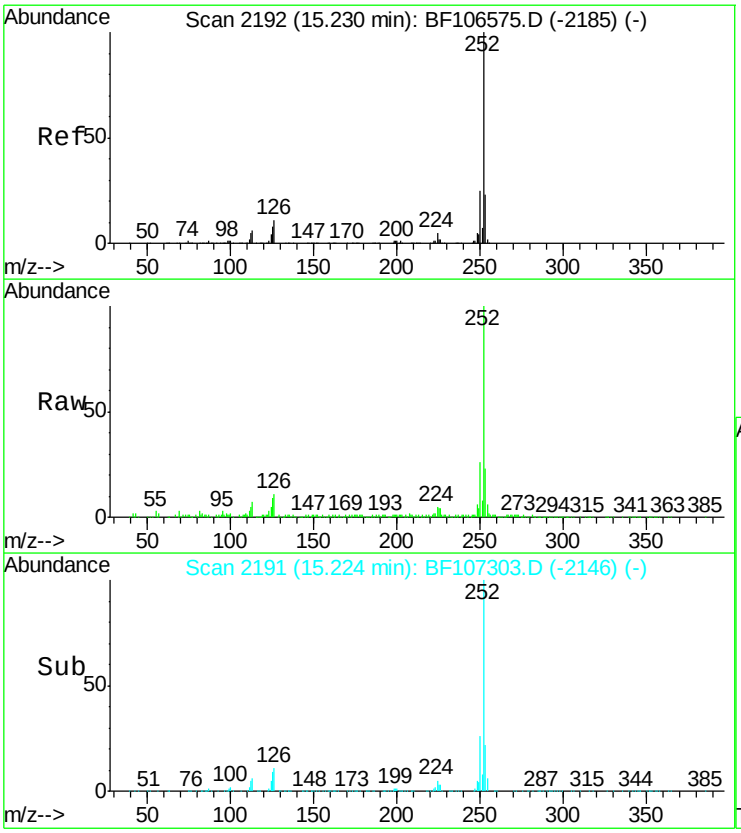
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:264 Resp: 155518

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	24.1	17.5	26.3

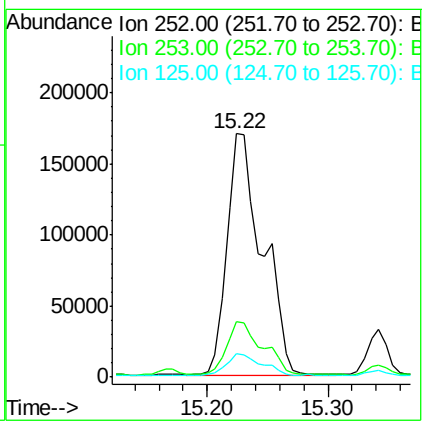


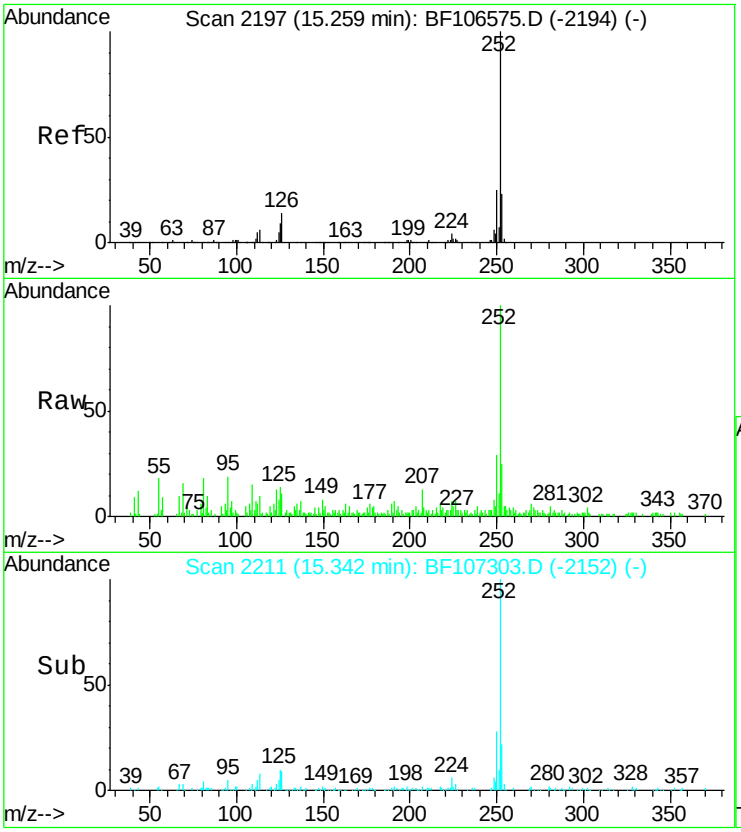


#87
Benzo(b)fluoranthene
Concen: 36.105 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:252 Resp: 348799

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	9.5	9.0	13.6



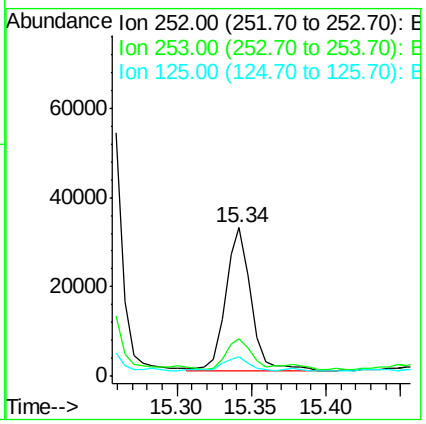


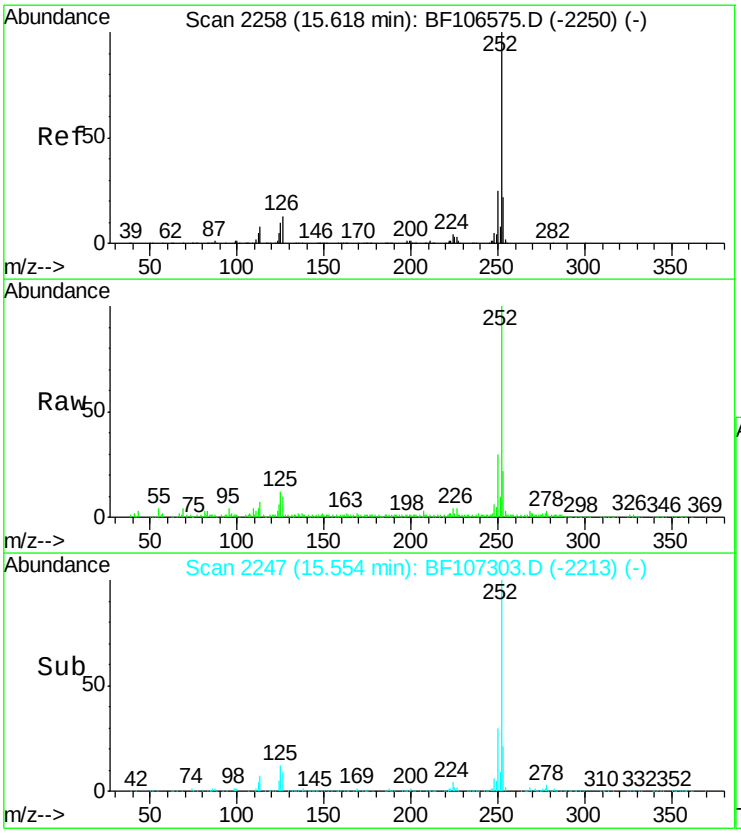
#88
Benzo(k)fluoranthene
Concen: 4.159 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.05 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:252 Resp: 38264

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	13.5	10.2	15.2

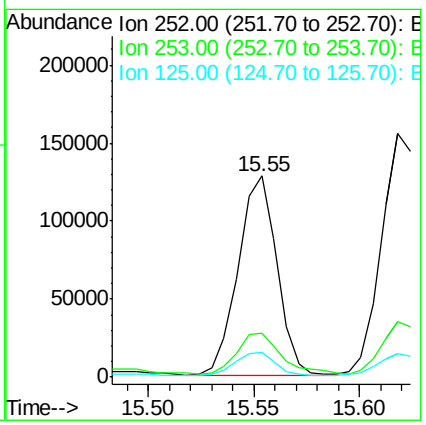


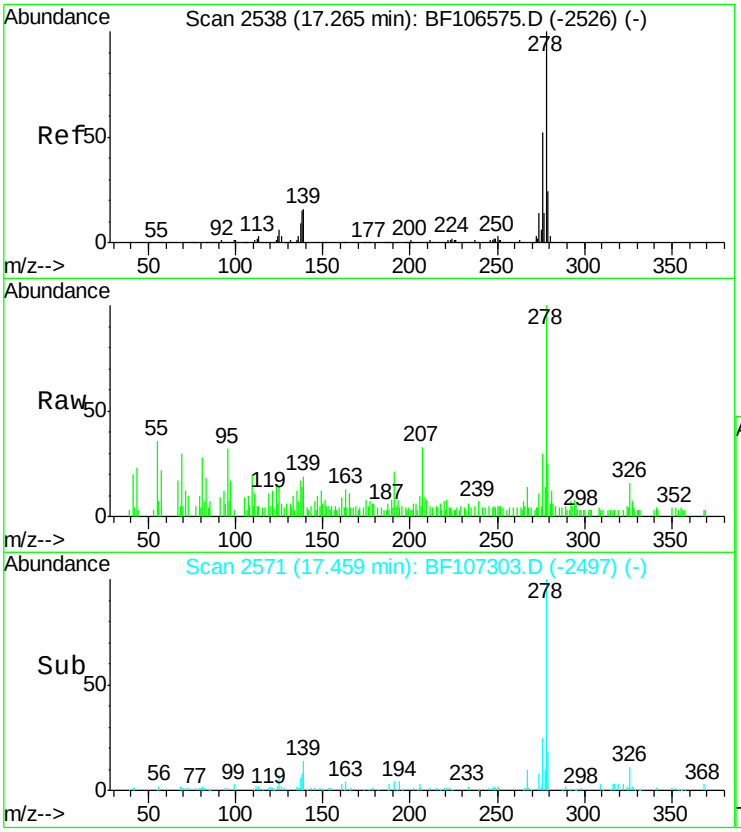


#89
Benzo(a)pyrene
Concen: 18.998 ng
RT: 15.55 min Scan# 2247
Delta R.T. -0.10 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:252 Resp: 163157

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.3	9.8	14.6



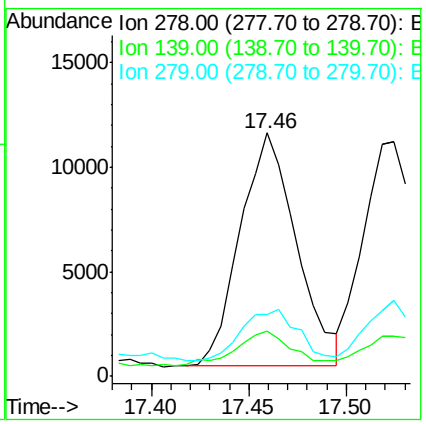


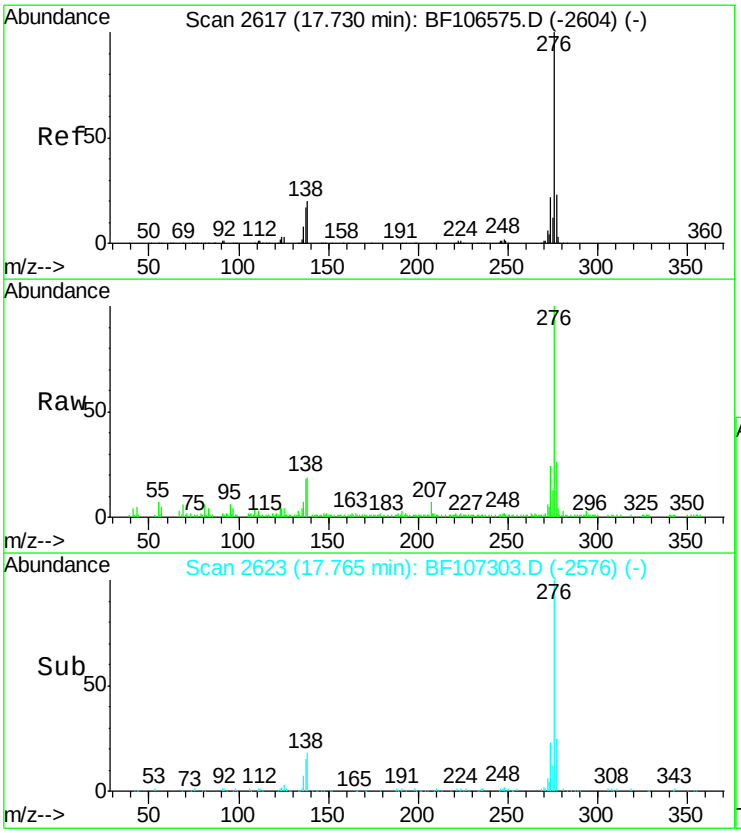
#90
Dibenzo(a,h)anthracene
Concen: 3.069 ng
RT: 17.46 min Scan# 2571
Delta R.T. 0.14 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Instrument :
BNA_F
ClientSampleId :
EP-2-4DL

Tgt Ion:278 Resp: 22337

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	25.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 14.753 ng
RT: 17.77 min Scan# 2623
Delta R.T. -0.02 min
Lab File: BF107303.D
Acq: 11 Jul 2018 16:38

Tgt Ion:276 Resp: 104954

Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	18.7	21.8	32.8#