Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107949.D
Acq On : 3 Aug 2018 20:27
Operator : JU/SJ
Sample : J4318-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 03 23:00:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	98147	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	489302	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	199410	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	345762	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	344438	20.00	ng		-0.01
86) Perylene-d12	15.67	264	355482	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	3085	0.53	ng		0.11
7) Phenol-d6	6.66	99	115153	15.13	ng		0.05
23) Nitrobenzene-d5	7.57	82	29518	3.48	ng		0.04
41) 2,4,6-Tribromophenol	10.80	330	32068	11.84	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	173976	12.16	ng		-0.01
78) Terphenyl-d14	13.07	244	171660	10.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	289	5.887	ng	#	1
25) Isophorone	7.57	82	29518	2.117	ng	#	64
50) 2,6-Dinitrotoluene	9.99	165	24003	7.375	ng	#	26
70) Phenanthrene	11.51	178	34798	2.120	ng		98
74) Fluoranthene	12.71	202	125314	6.497	ng		97
77) Pyrene	12.94	202	96907	3.907	ng		96
80) Benzo(a)anthracene	14.13	228	44064	2.258	ng		96
82) Chrysene	14.17	228	57992	2.756	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	50169	3.674	ng		100
87) Benzo(b)fluoranthene	15.22	252	111121	6.338	ng	#	95
88) Benzo(k)fluoranthene	15.22	252	111121	5.162	ng		98
89) Benzo(a)pyrene	15.62	252	47634	2.632	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	30562	2.001	ng		94

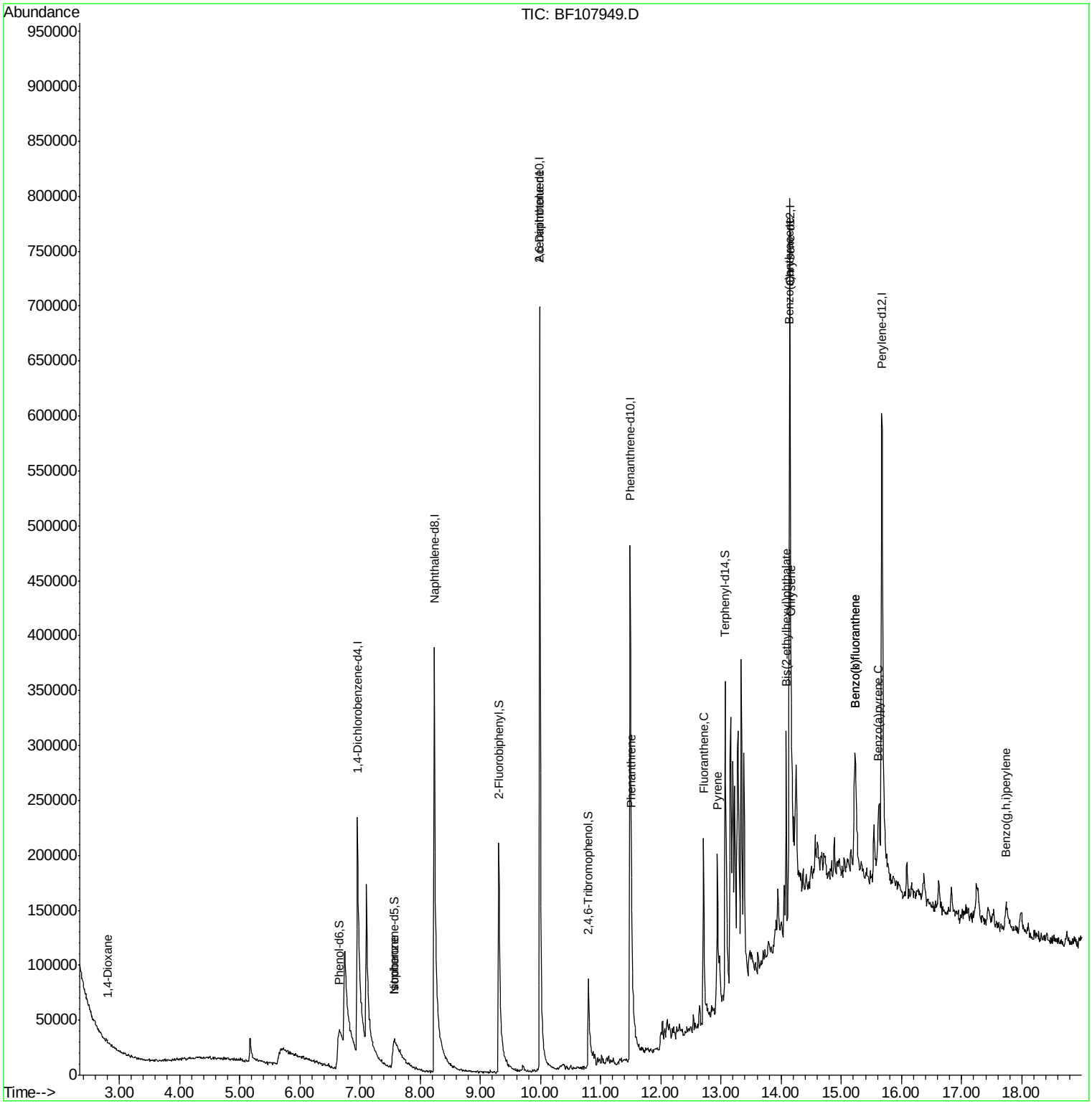
(#) = qualifier out of range (m) = manual integration (+) = signals summed

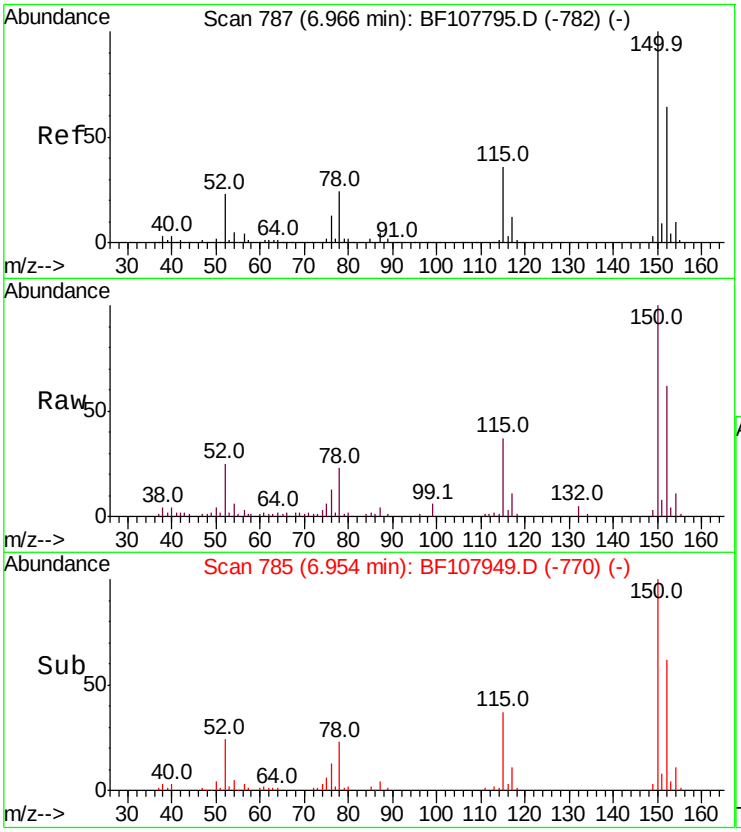
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107949.D
Acq On : 3 Aug 2018 20:27
Operator : JU/SJ
Sample : J4318-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 03 23:00:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



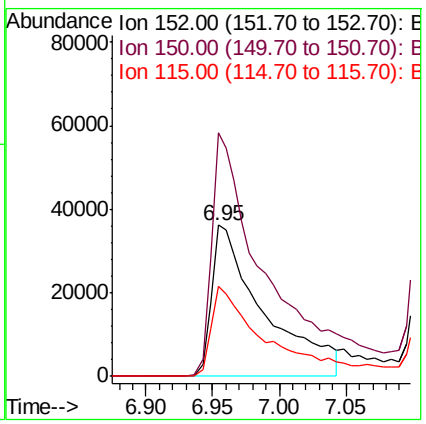


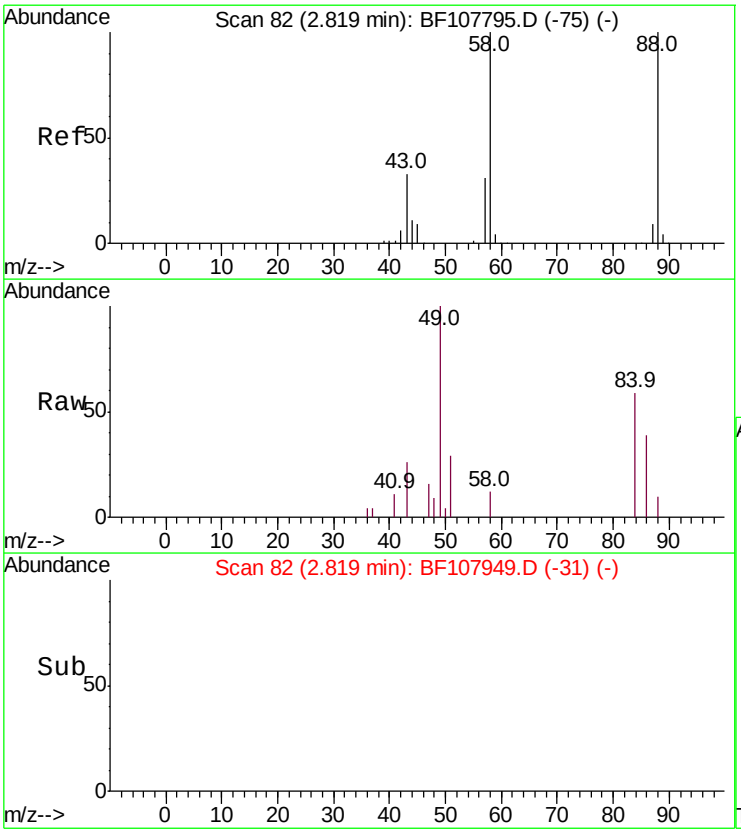
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98147

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	59.3	50.1	75.1

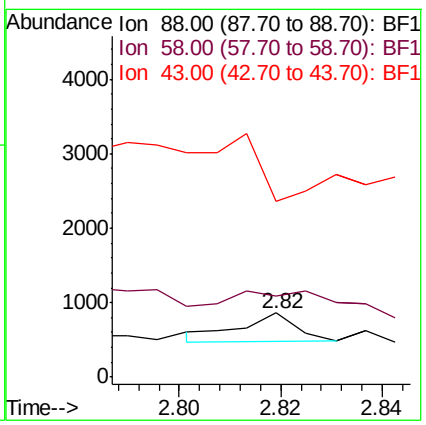


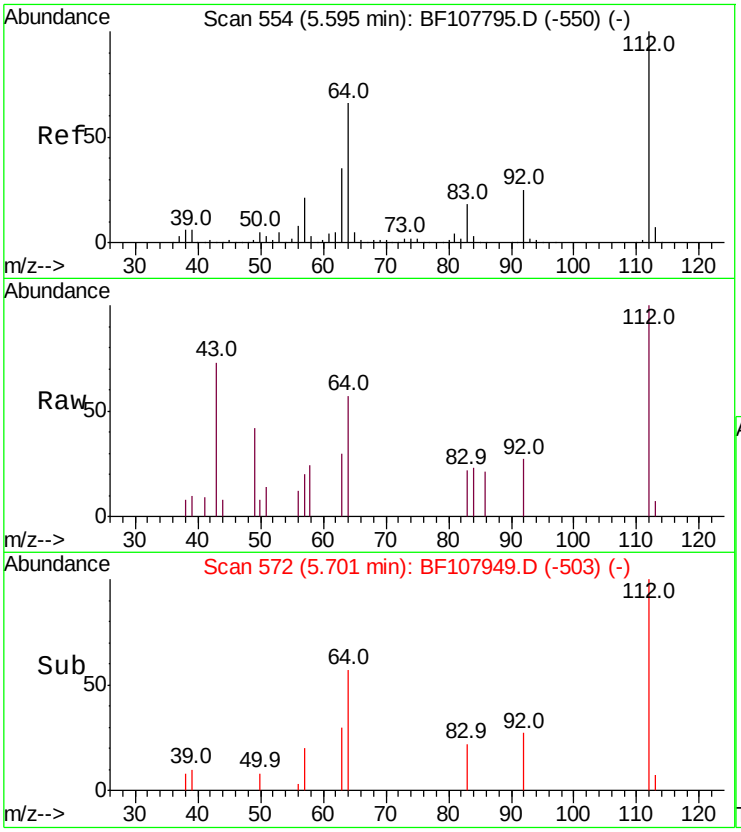


#2
1,4-Dioxane
Concen: 5.887 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion: 88 Resp: 289

Ion	Ratio	Lower	Upper
88	100		
58	300.7	62.6	93.8#
43	561.6	24.6	37.0#



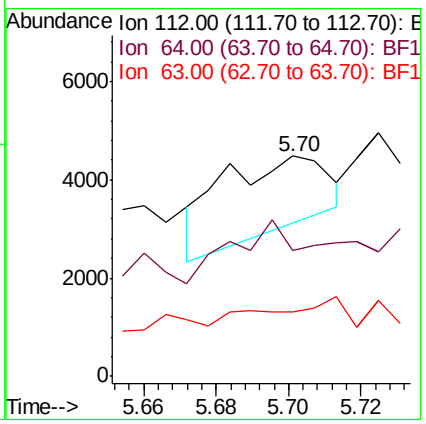


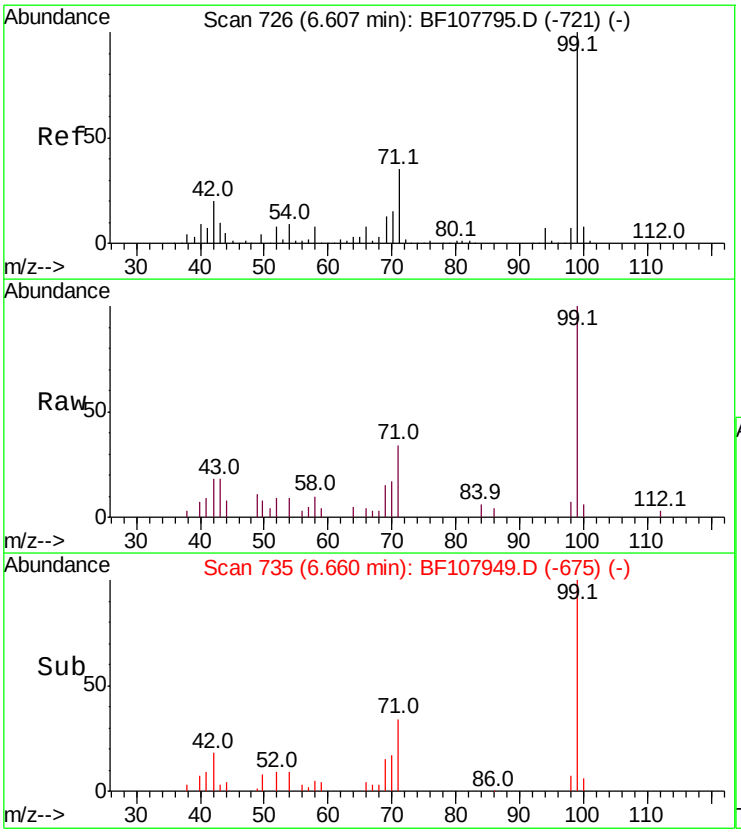
#5
2-Fluorophenol
Concen: 0.534 ng
RT: 5.70 min Scan# 572
Delta R.T. 0.11 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 3085

Ion	Ratio	Lower	Upper
112	100		
64	57.3	47.9	71.9
63	29.5	23.7	35.5

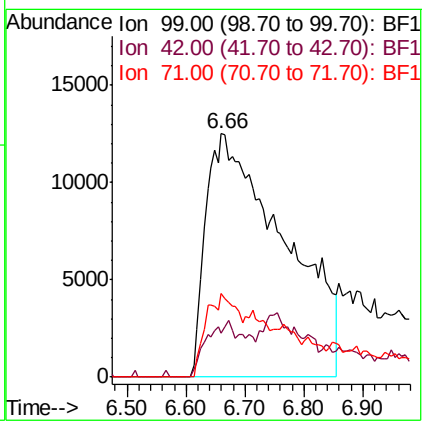


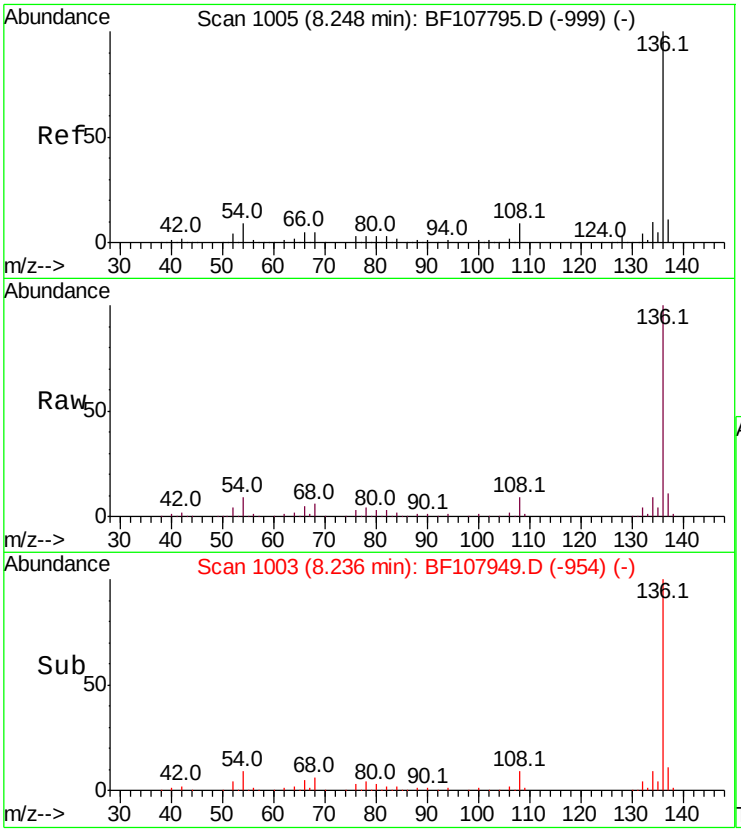


#7
Phenol-d6
Concen: 15.130 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.05 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion: 99 Resp: 115153

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	34.1	25.4	38.0



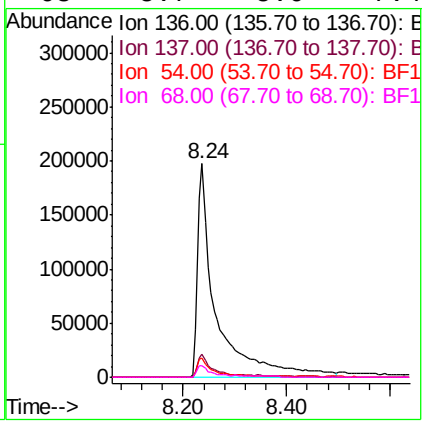


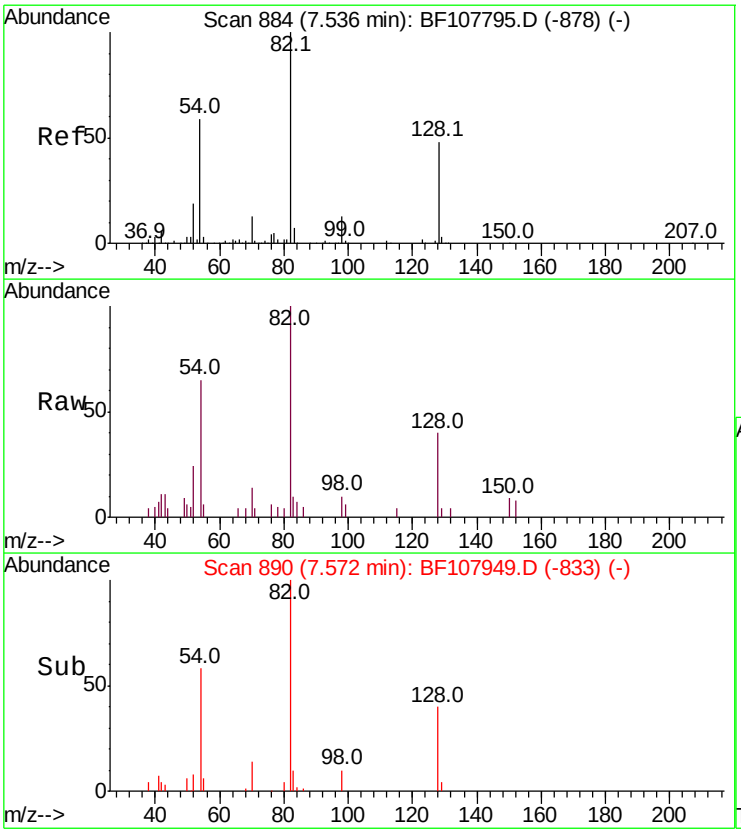
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 489302

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	5.7	5.0	7.4

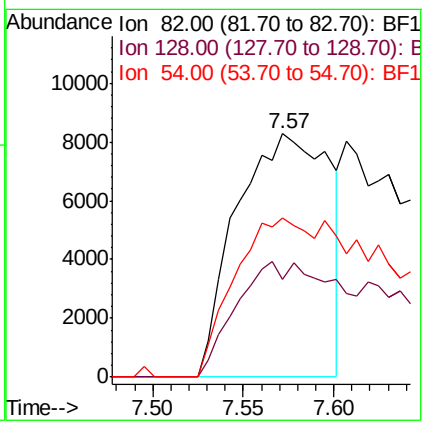


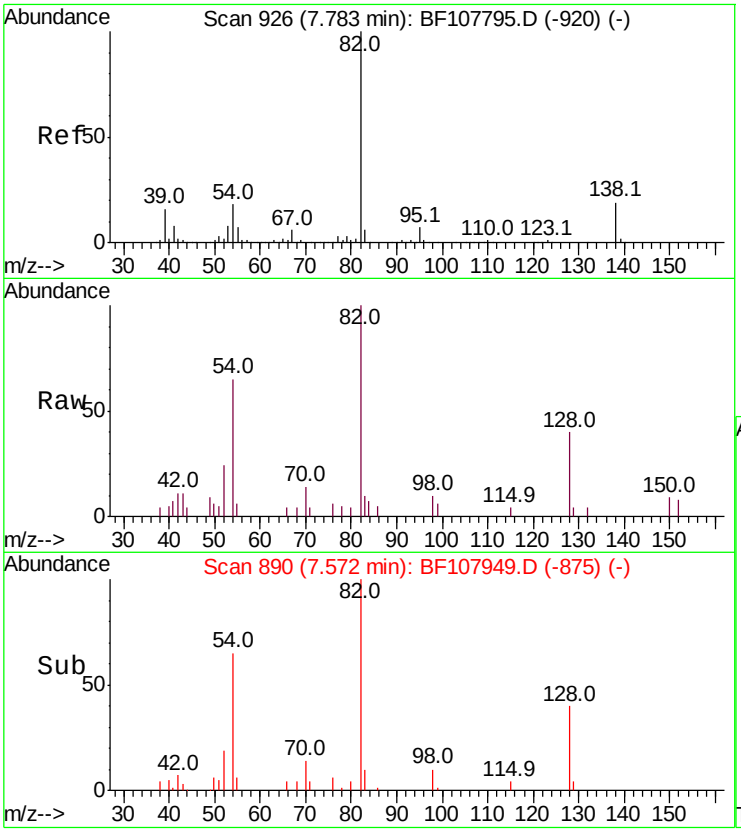


#23
Nitrobenzene-d5
Concen: 3.475 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.04 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion: 82 Resp: 29518

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	65.3	41.4	62.2#



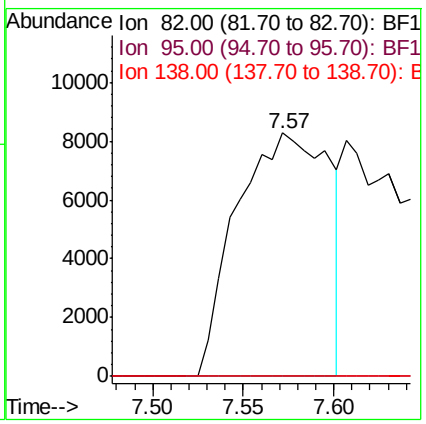


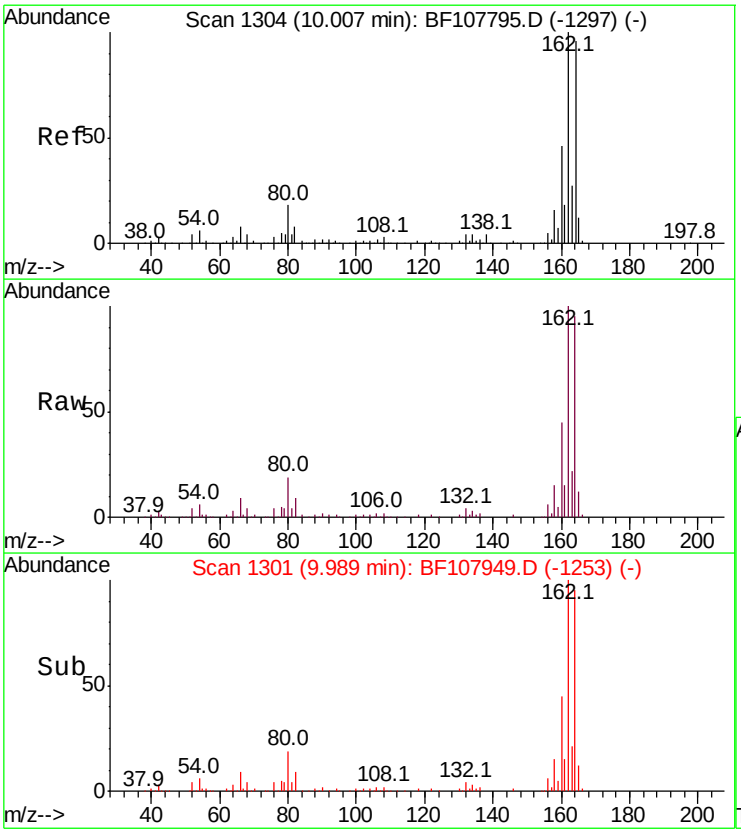
#25
Isophorone
Concen: 2.117 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.21 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 29518

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

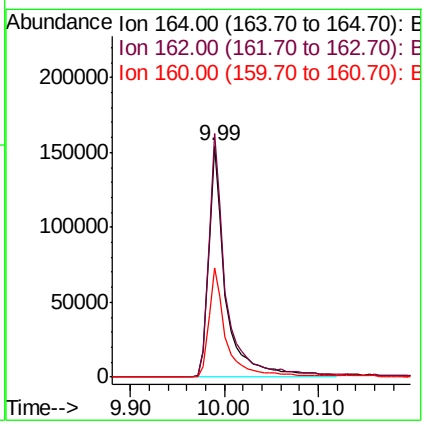


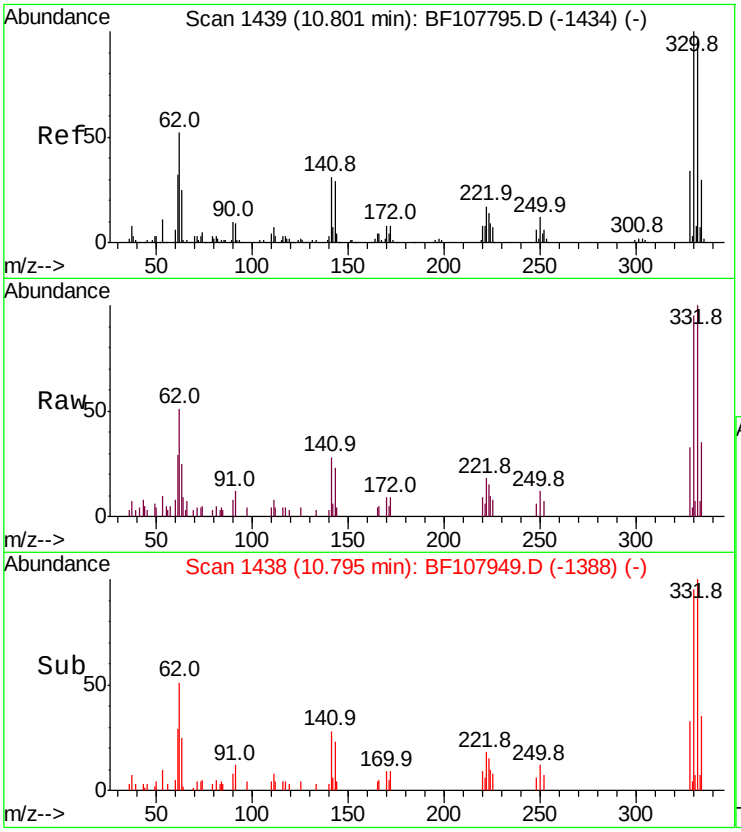


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:164 Resp: 199410

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.1	38.3	57.5



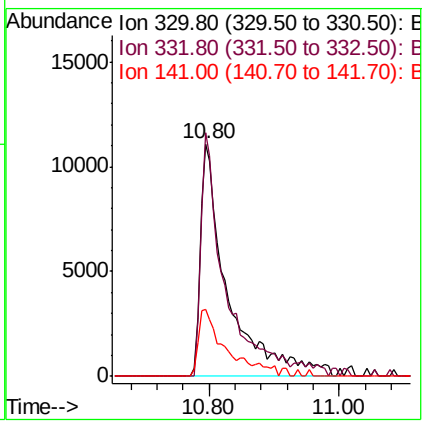


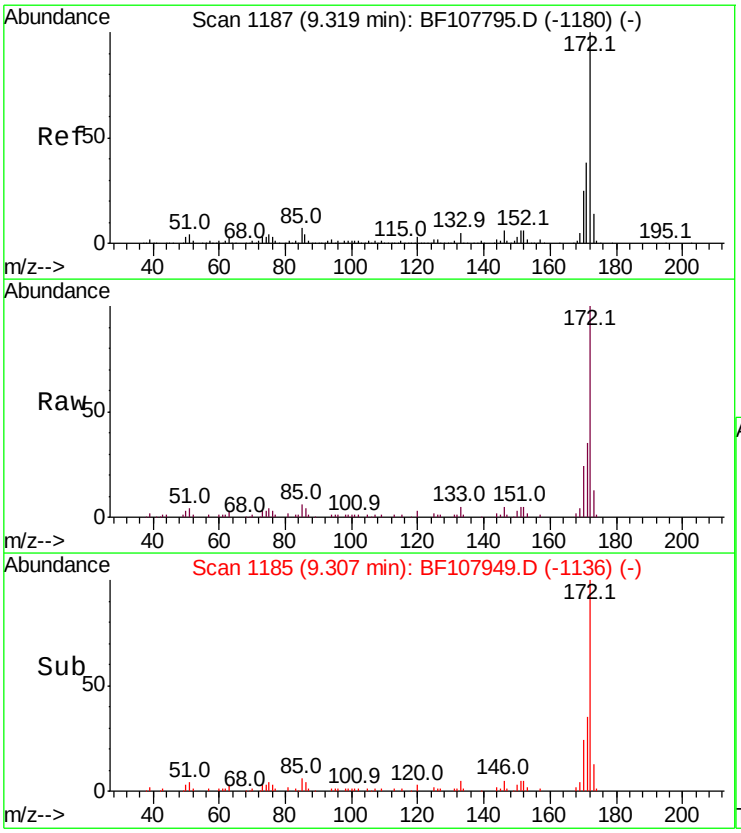
#41
2,4,6-Tribromophenol
Concen: 11.835 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 32068

Ion	Ratio	Lower	Upper
330	100		
332	91.0	77.0	115.6
141	29.2	29.9	44.9#

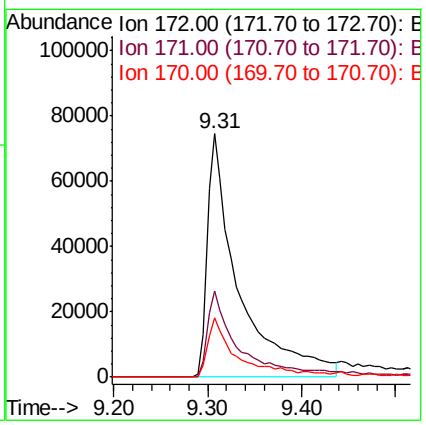


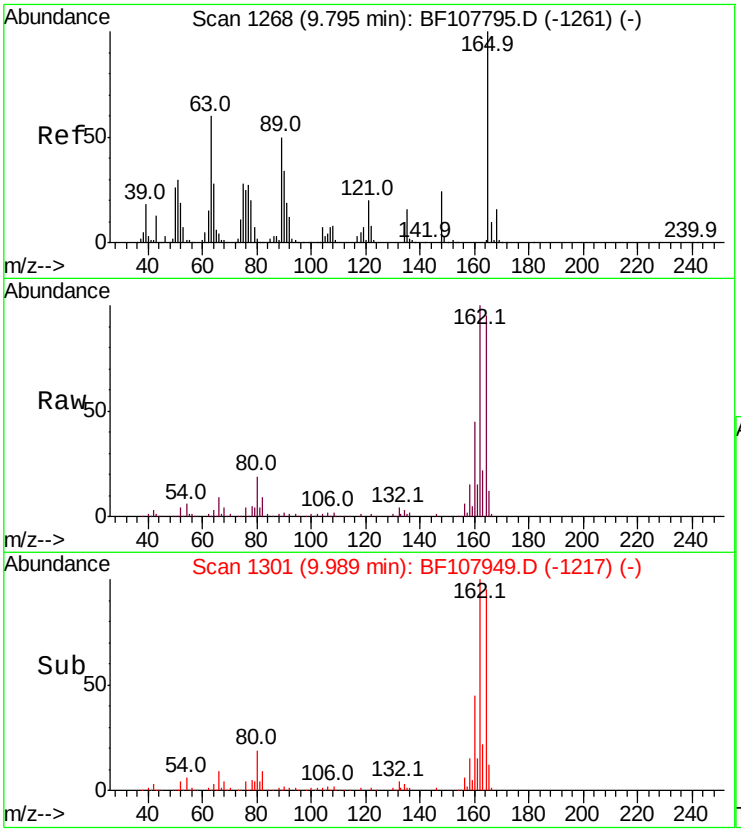


#44
2-Fluorobiphenyl
Concen: 12.158 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:172 Resp: 173976

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	24.1	19.6	29.4



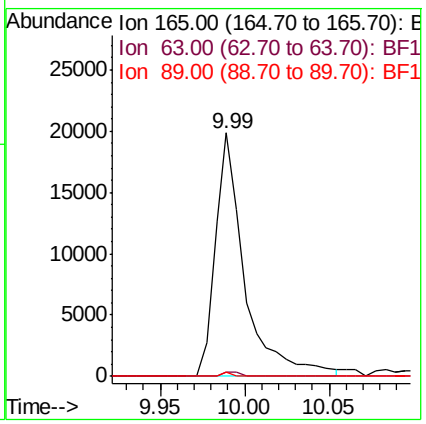


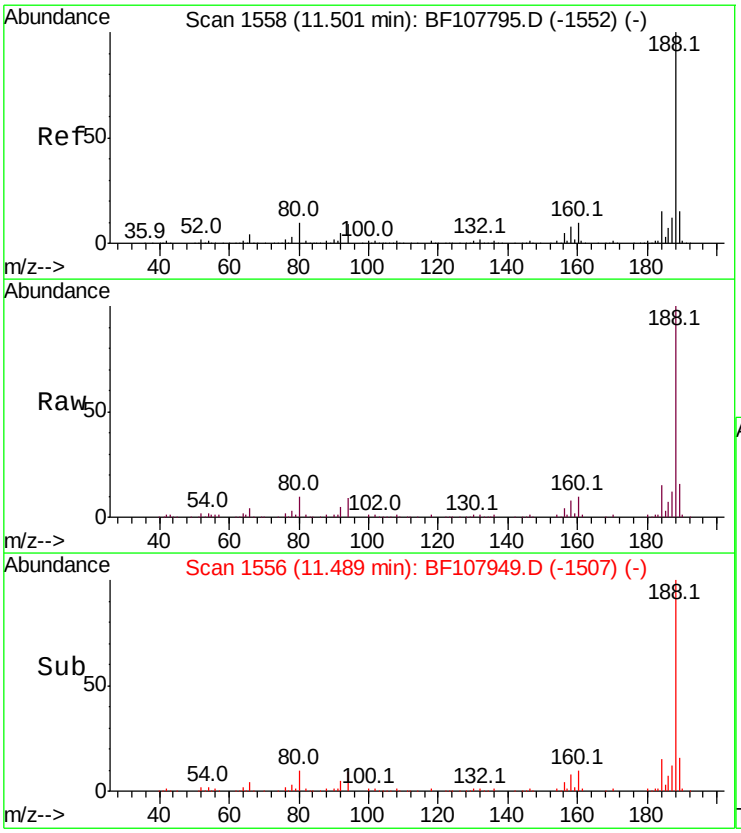
#50
2,6-Dinitrotoluene
Concen: 7.375 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24003

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.8	44.0	66.0#

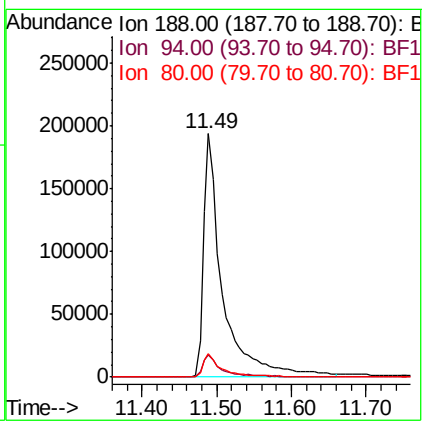


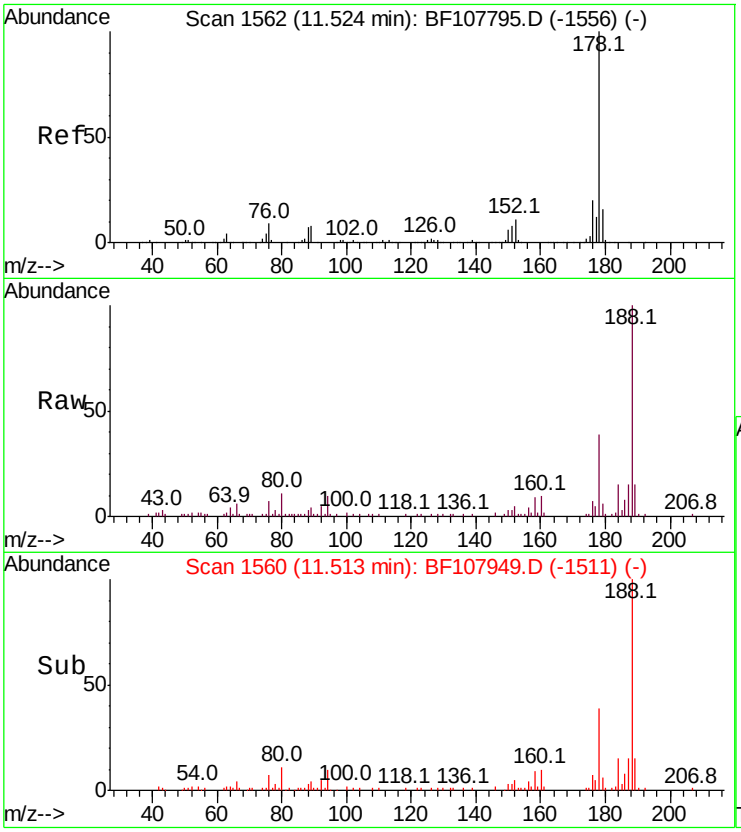


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:188 Resp: 345762

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.7	9.2	13.8



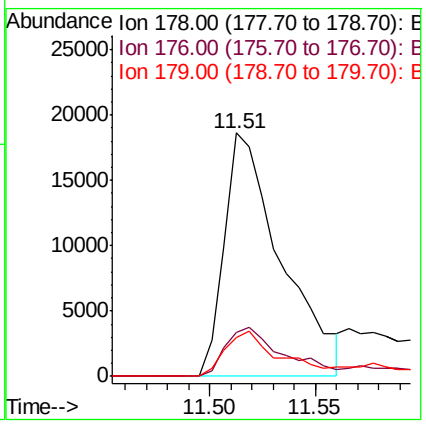


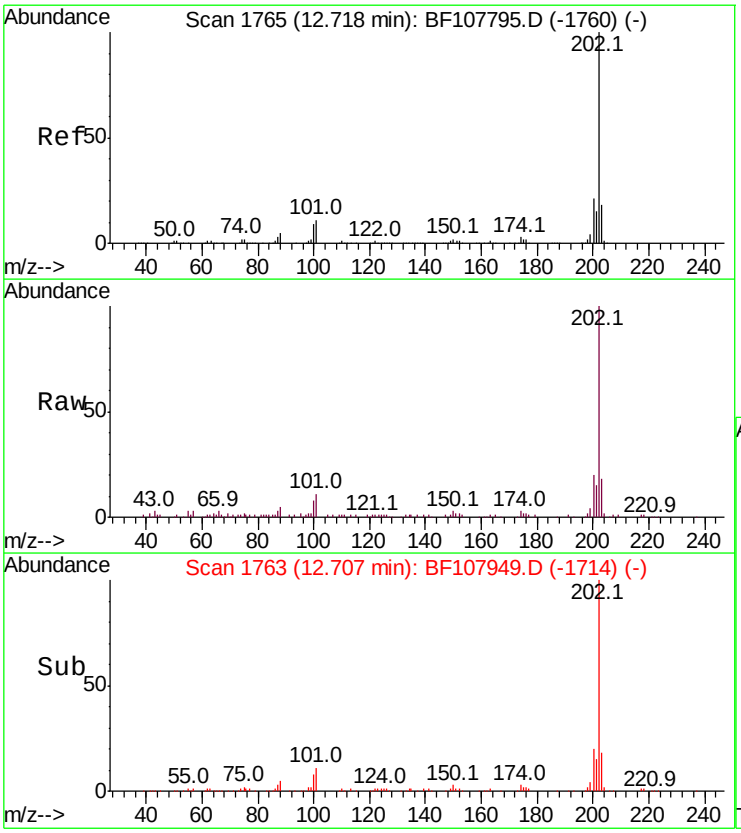
#70
Phenanthrene
Concen: 2.120 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34798

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.9	13.0	19.6

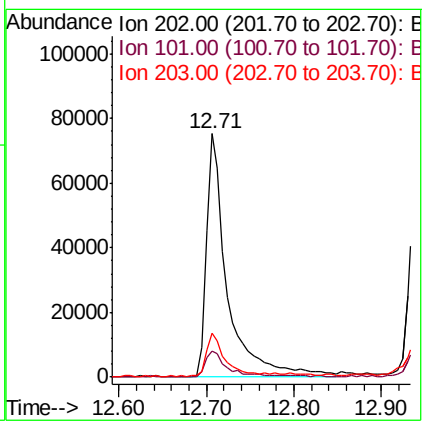


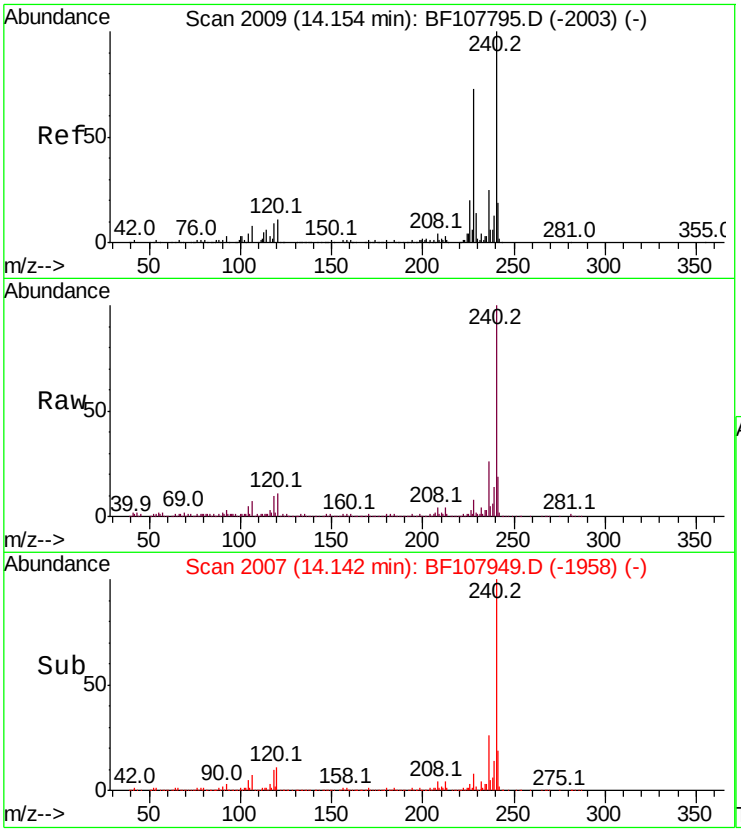


#74
Fluoranthene
Concen: 6.497 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:202 Resp: 125314

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	34.1
203	18.1	0.0	38.1



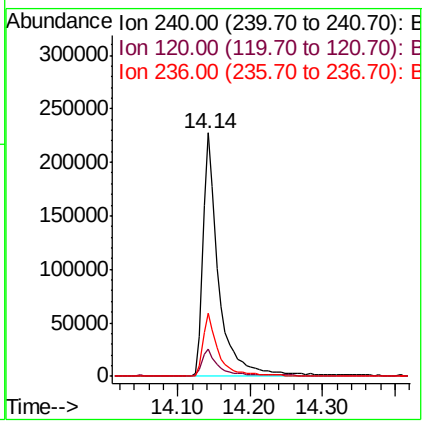


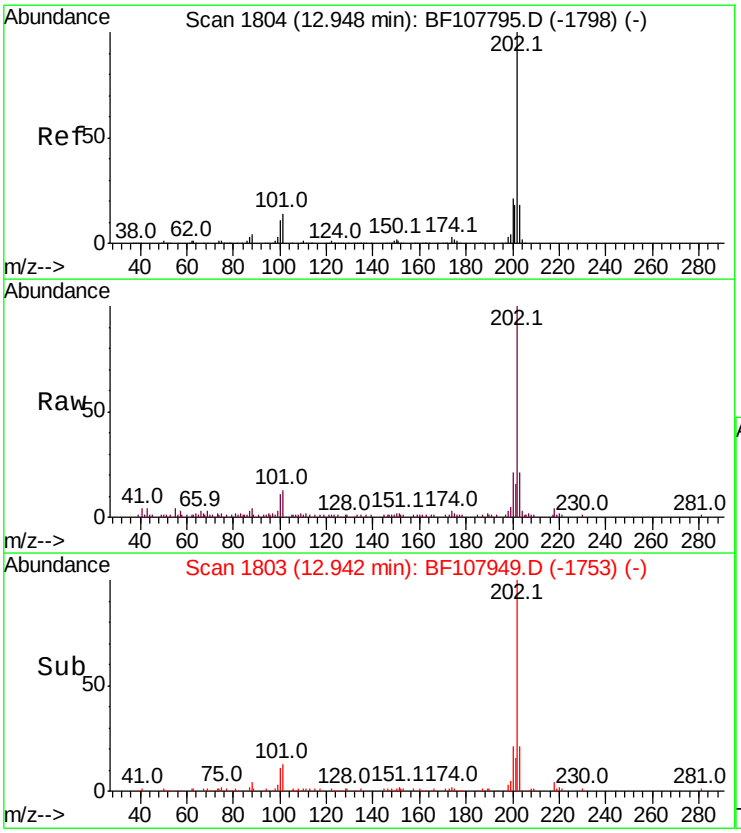
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 344438

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1

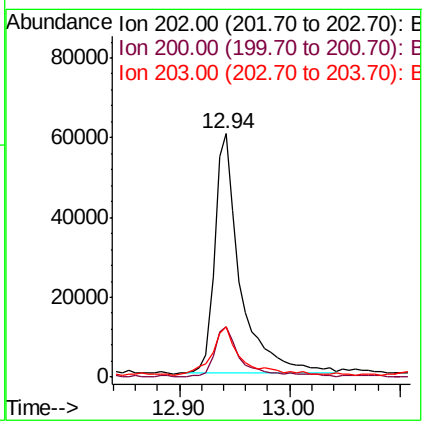


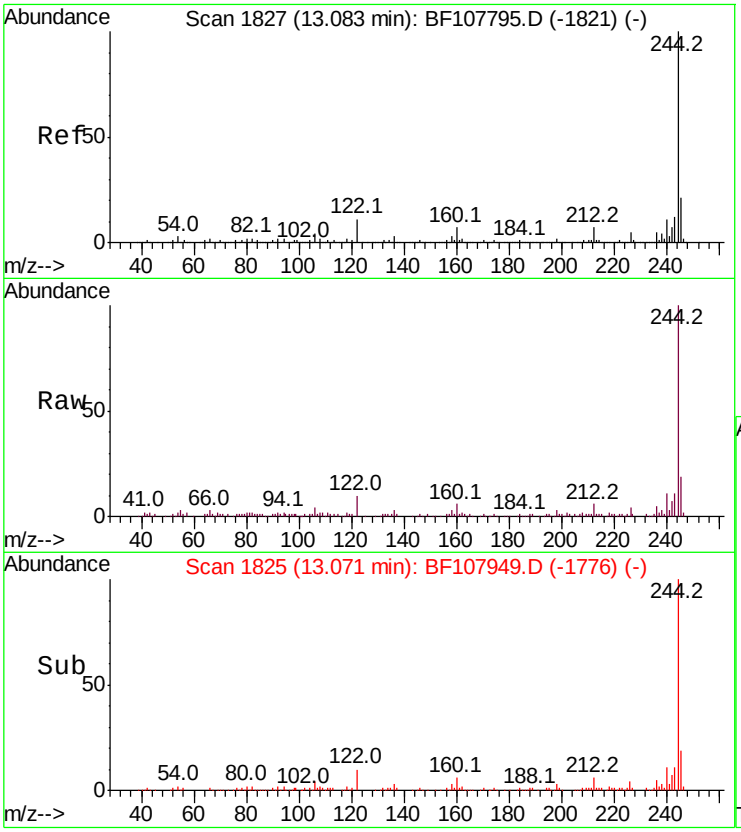


#77
Pyrene
Concen: 3.907 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:202 Resp: 96907

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	20.7	14.3	21.5



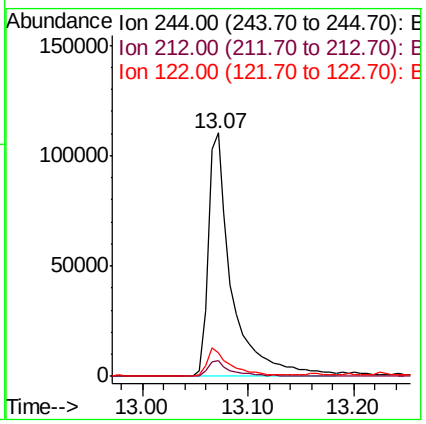


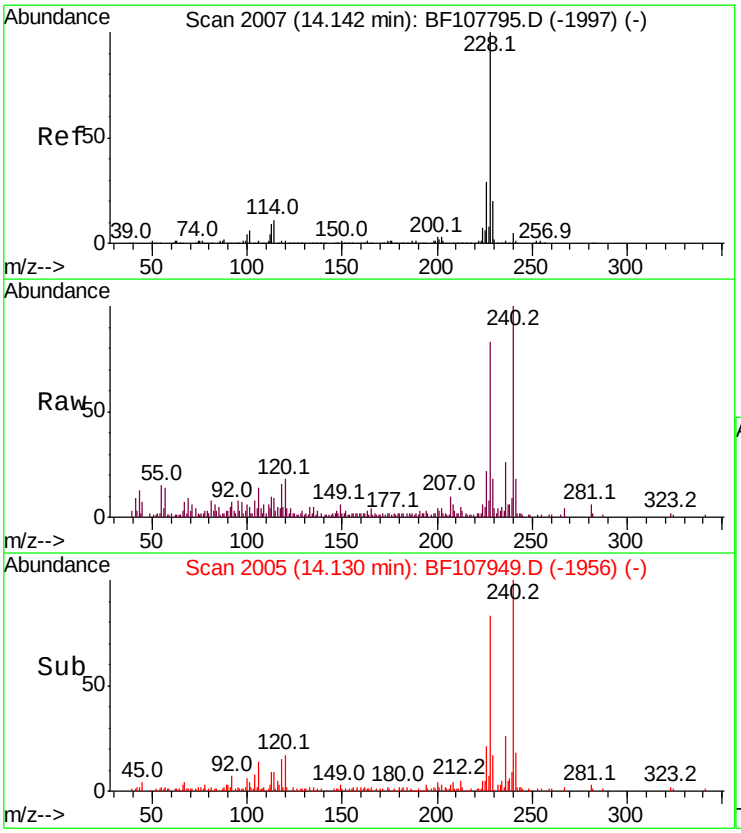
#78
Terphenyl-d14
Concen: 10.807 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 171660

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	9.6	11.0	16.4#

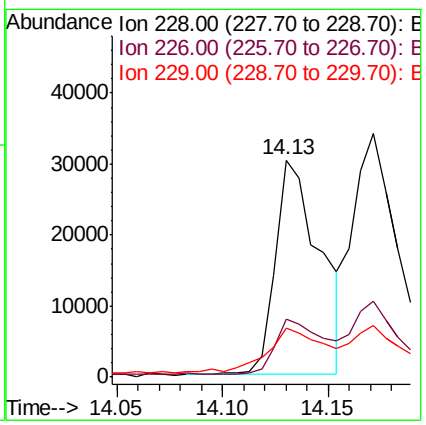


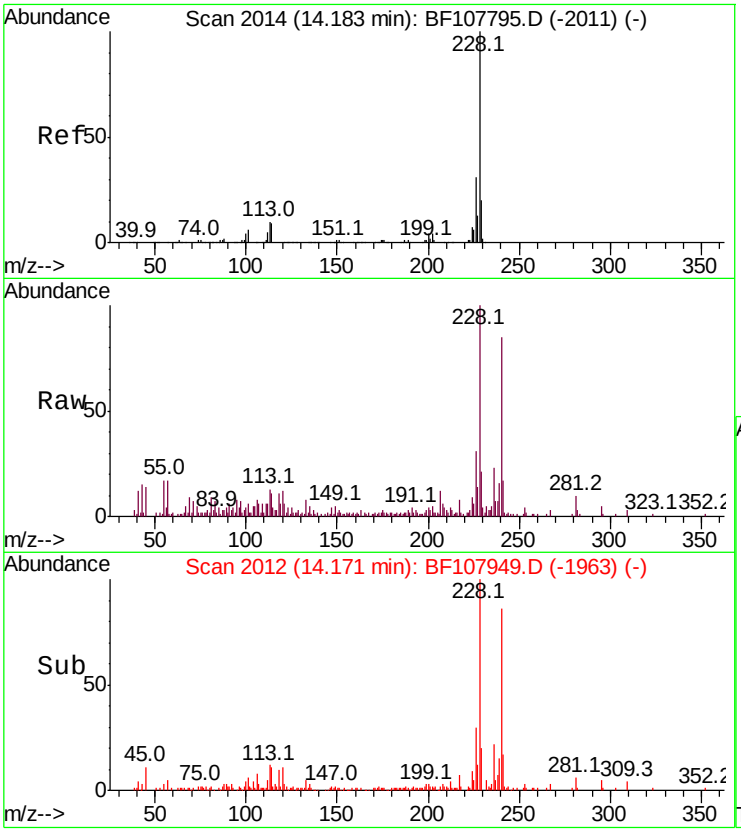


#80
Benzo(a)anthracene
Concen: 2.258 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:228 Resp: 44064

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	22.4	15.8	23.6



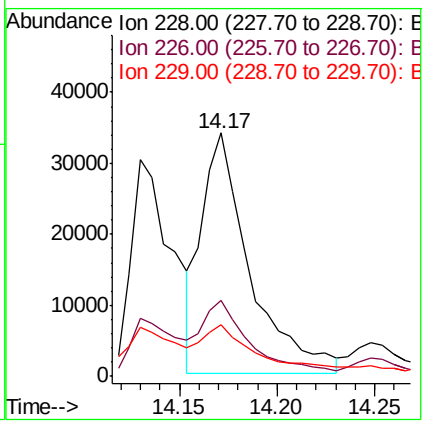


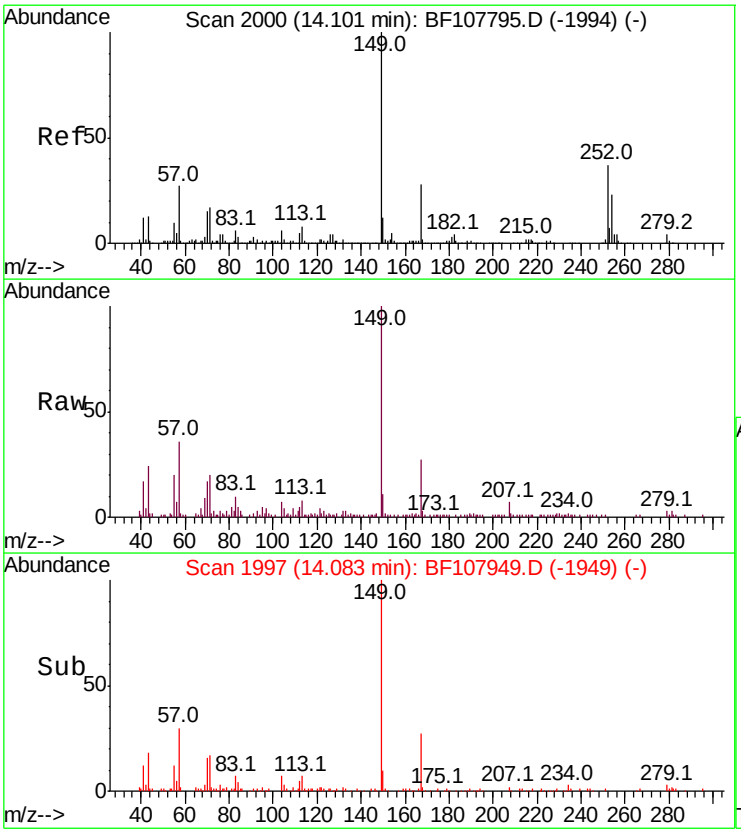
#82
Chrysene
Concen: 2.756 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 57992

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.3	16.2	24.4

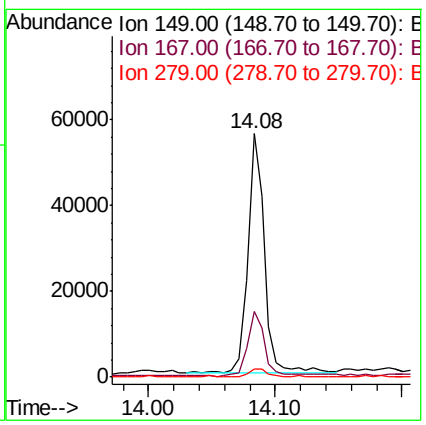


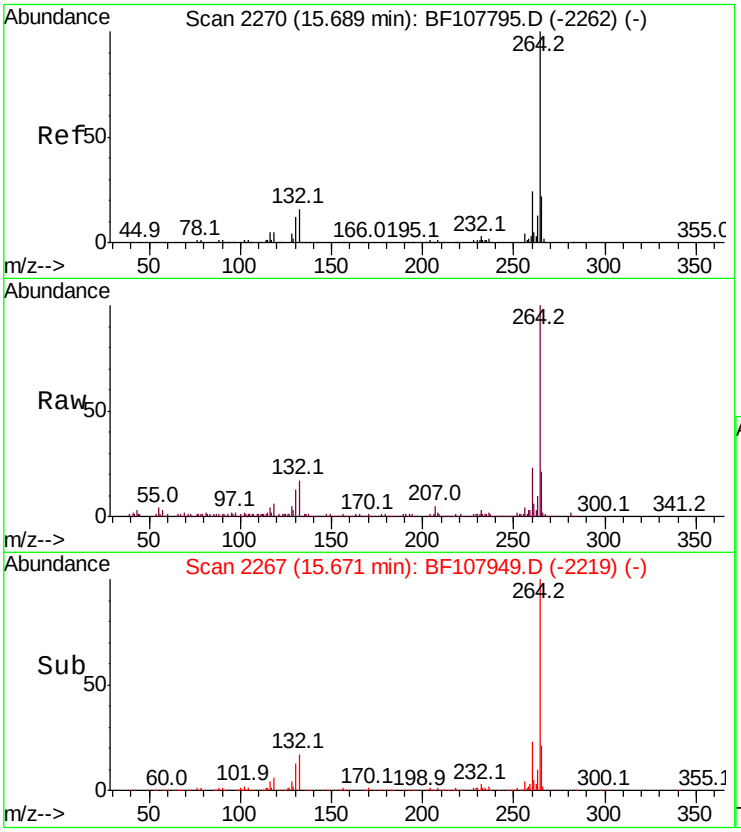


#83
Bis(2-ethylhexyl)phthalate
Concen: 3.674 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:149 Resp: 50169

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.4	3.0	4.4



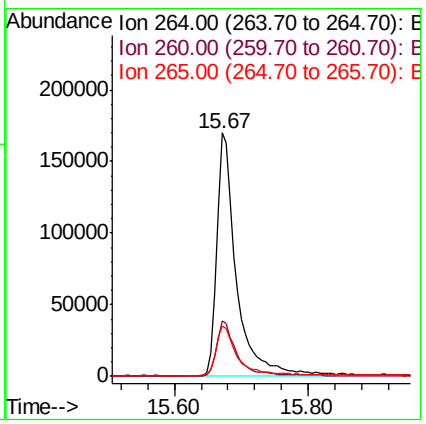


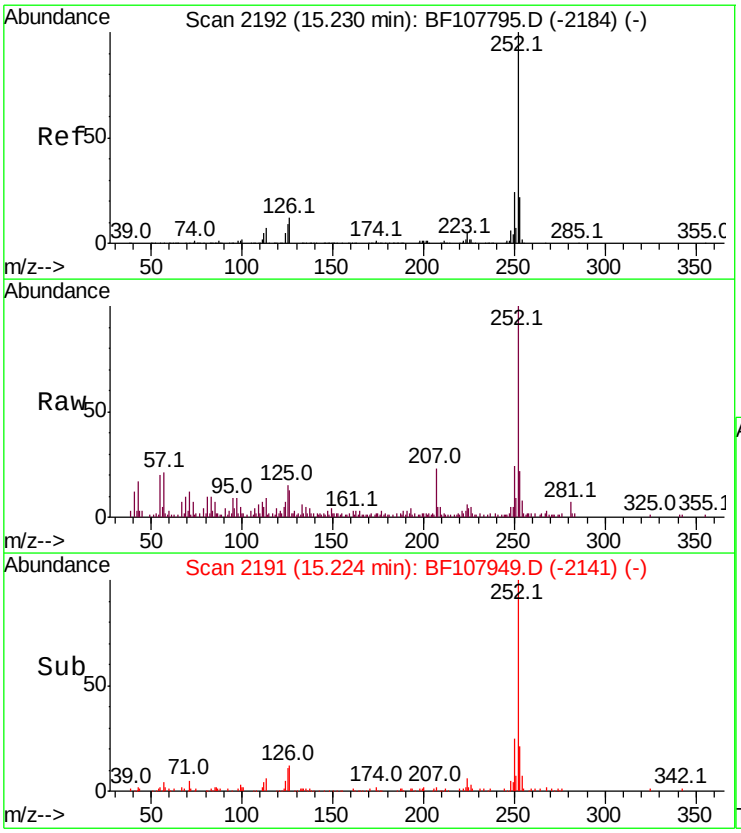
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 355482

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	17.5	26.3

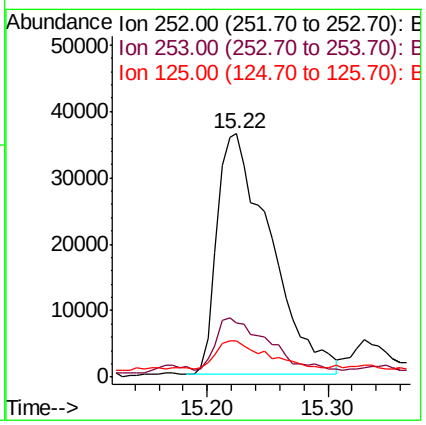


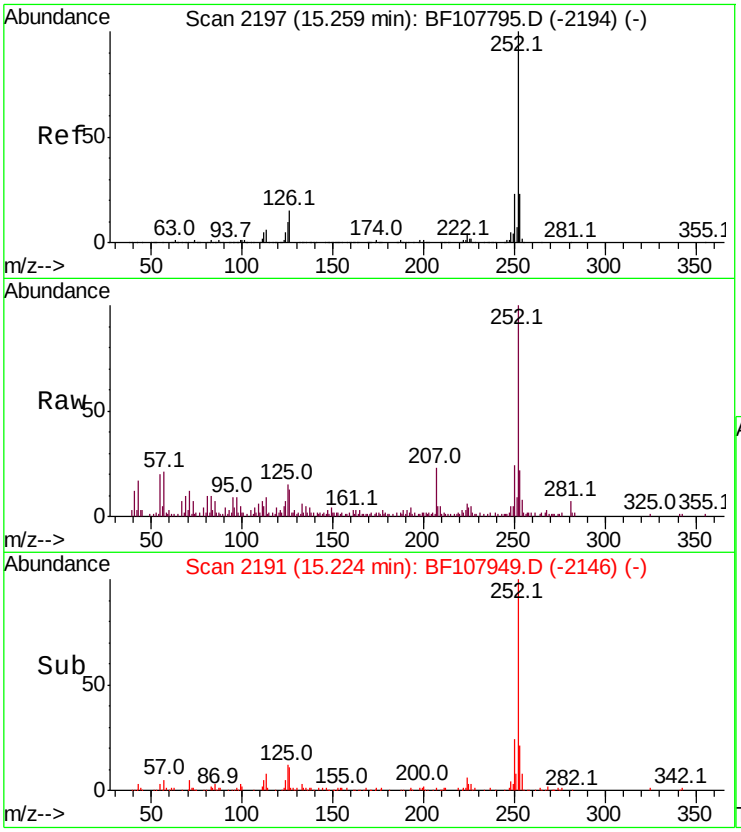


#87
Benzo(b)fluoranthene
Concen: 6.338 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:252 Resp: 111121

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	15.1	9.0	13.6#



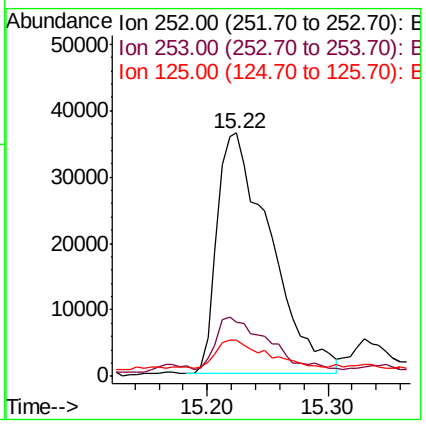


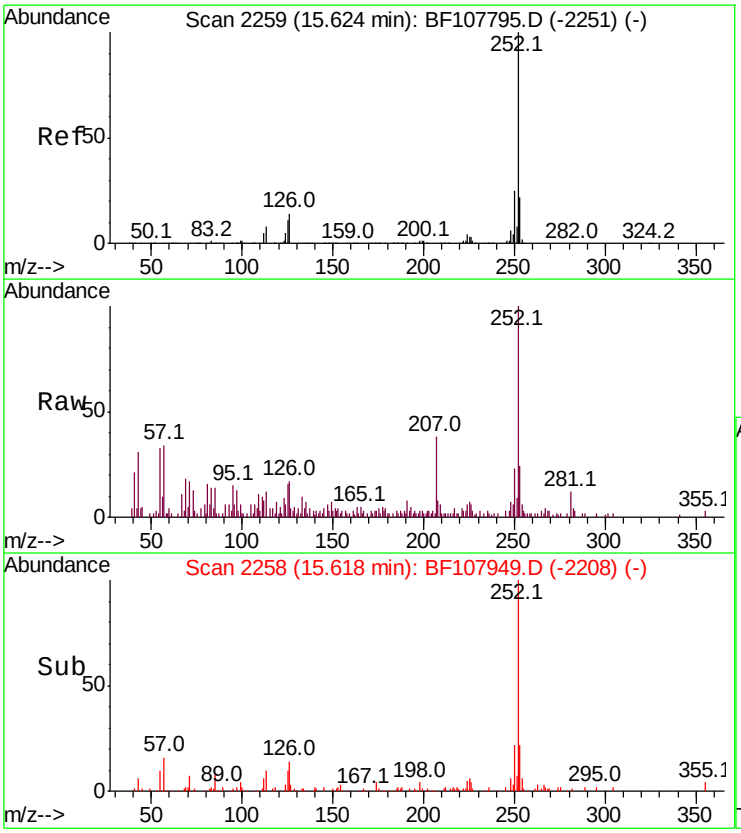
#88
Benzo(k)fluoranthene
Concen: 5.162 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 111121

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	15.1	10.2	15.2

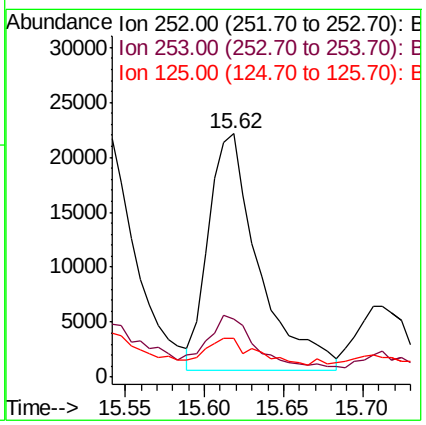


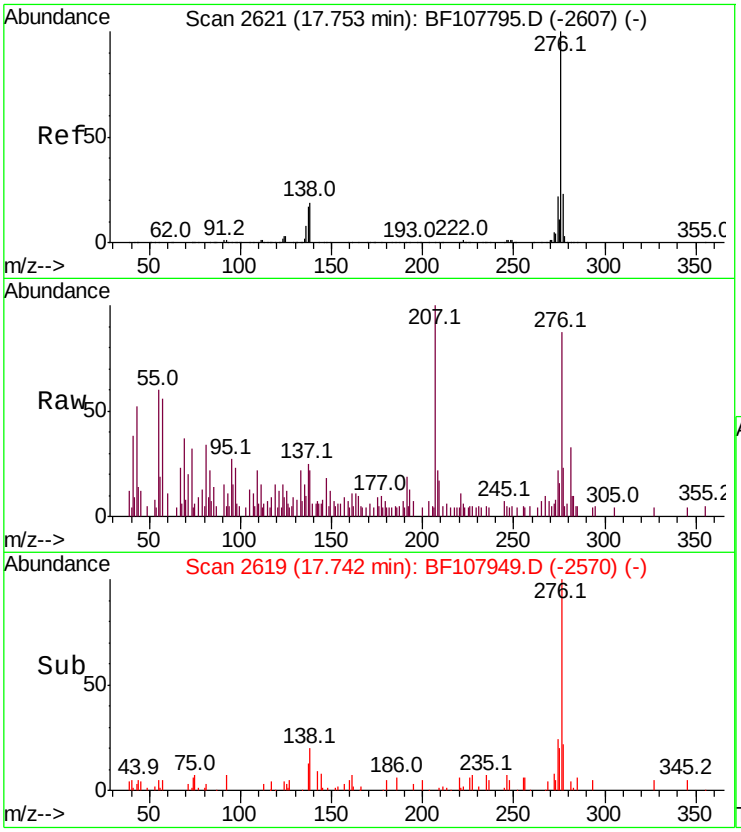


#89
Benzo(a)pyrene
Concen: 2.632 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion:252 Resp: 47634

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	15.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.001 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30562

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	25.0	21.8	32.8