Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107951.D
Acq On : 3 Aug 2018 21:22
Operator : JU/SJ
Sample : J4318-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 03 23:00:44 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	90462	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	496712	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	210273	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	355978	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	324642	20.00	ng		-0.01
86) Perylene-d12	15.67	264	333173	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	408	0.08	ng		0.26
7) Phenol-d6	6.70	99	12726	1.81	ng		0.09
23) Nitrobenzene-d5	7.60	82	9003	1.04	ng		0.06
41) 2,4,6-Tribromophenol	10.80	330	15655	5.48	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	86889	5.76	ng		-0.01
78) Terphenyl-d14	13.07	244	80621	5.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	586	6.000	ng	#	62
50) 2,6-Dinitrotoluene	9.99	165	24433	7.120	ng	#	25
55) 4-Nitrophenol	10.22	139	259	9.425	ng	#	64
56) 2,4-Dinitrotoluene	9.99	165	25411	5.634	ng	#	22
70) Phenanthrene	11.51	178	39652	2.346	ng		96
71) Anthracene	11.51	178	39652	2.034	ng		95
74) Fluoranthene	12.71	202	153516	7.731	ng		96
77) Pyrene	12.94	202	119510	5.112	ng		98
80) Benzo(a)anthracene	14.17	228	74888	4.072	ng		93
82) Chrysene	14.17	228	74888	3.776	ng		97
83) Bis(2-ethylhexyl)phthalate	14.08	149	104628	8.130	ng		97
87) Benzo(b)fluoranthene	15.22	252	131575	8.007	ng	#	93
88) Benzo(k)fluoranthene	15.22	252	131575	6.522	ng	#	96
89) Benzo(a)pyrene	15.61	252	59723	3.521	ng		96

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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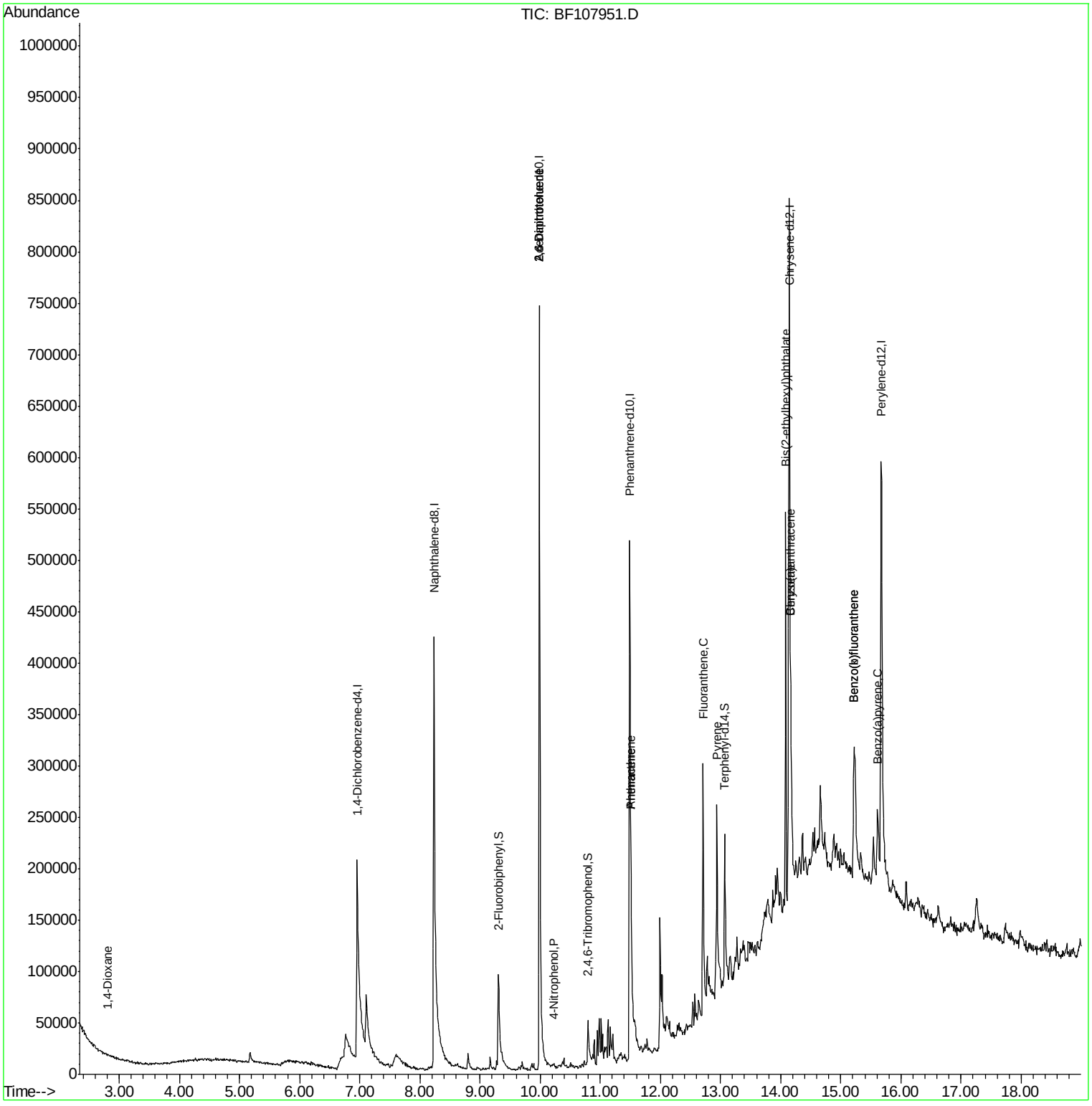
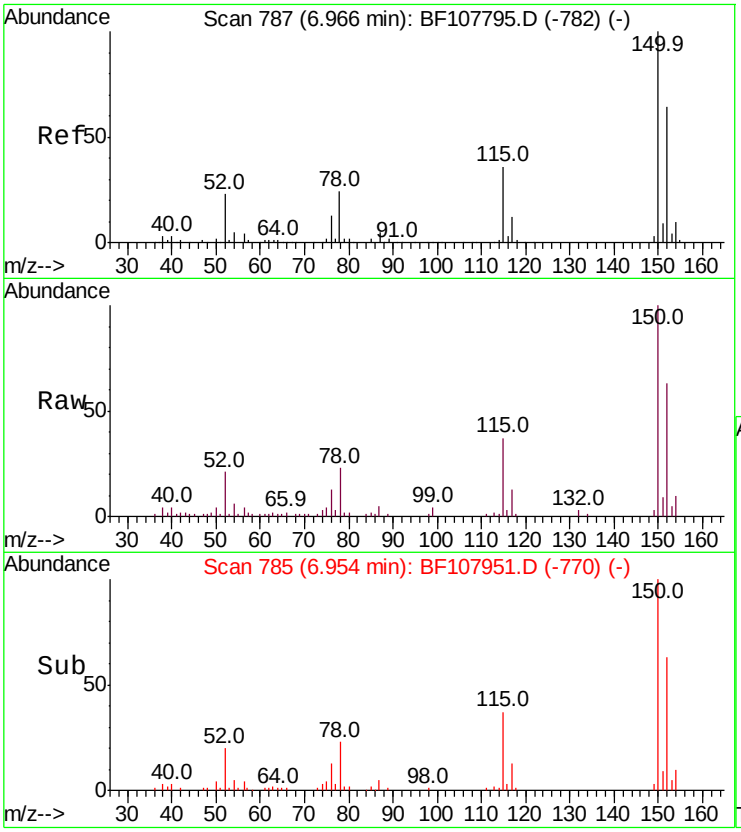


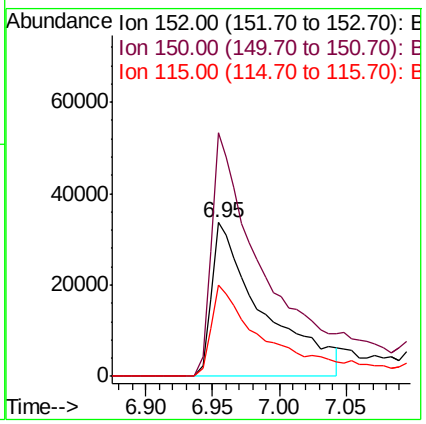


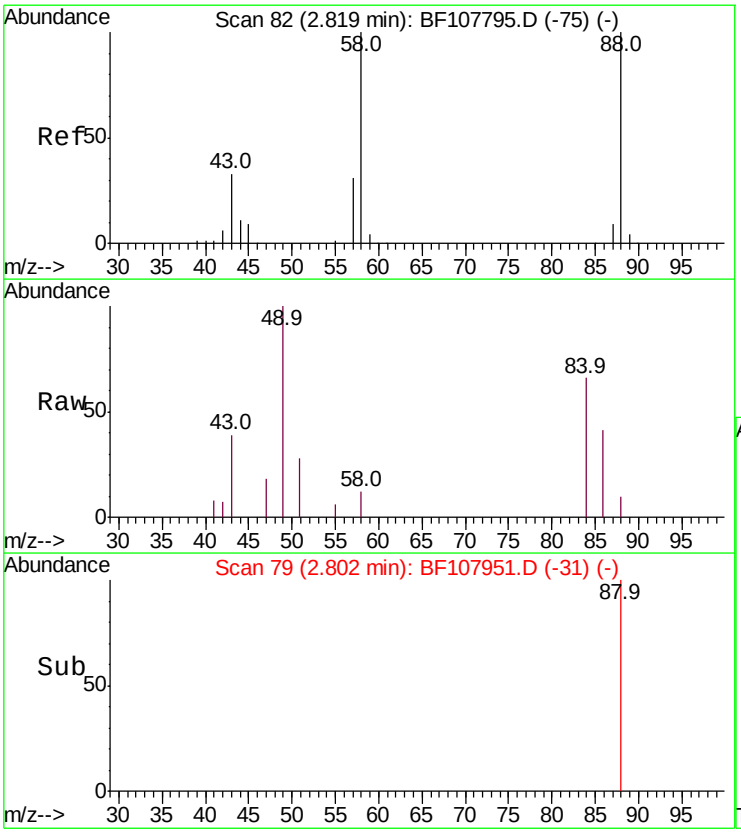
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 90462

Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	59.2	50.1	75.1

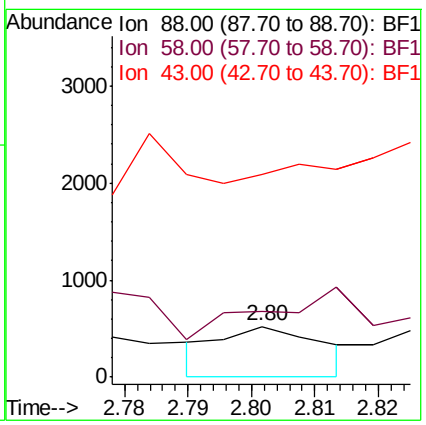


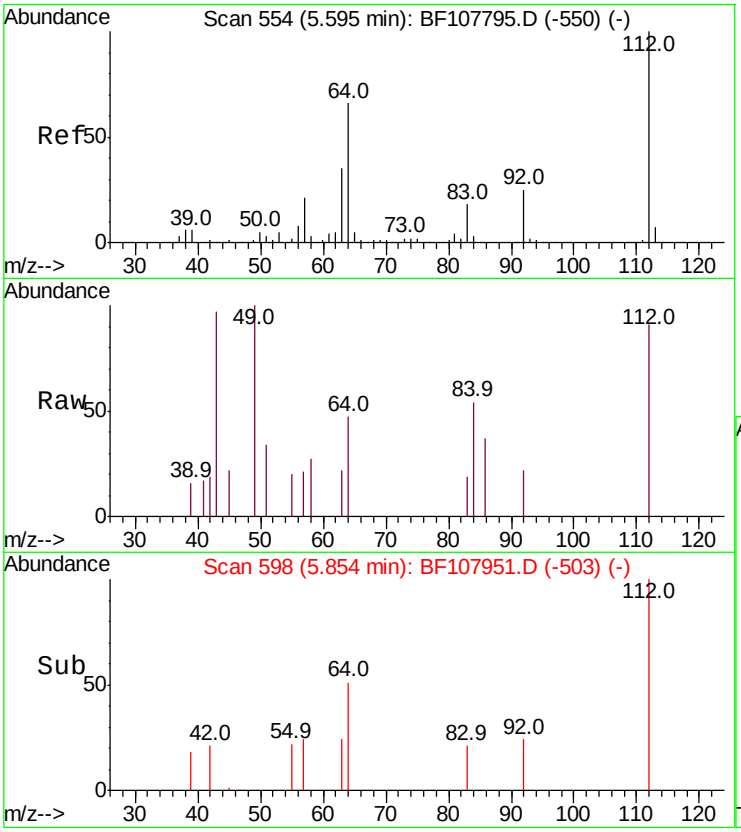


#2
1,4-Dioxane
Concen: 6.000 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.02 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion: 88 Resp: 586

Ion	Ratio	Lower	Upper
88	100		
58	104.8	62.6	93.8#
43	0.0	24.6	37.0#



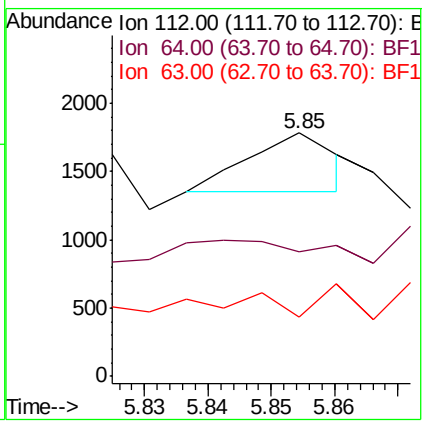


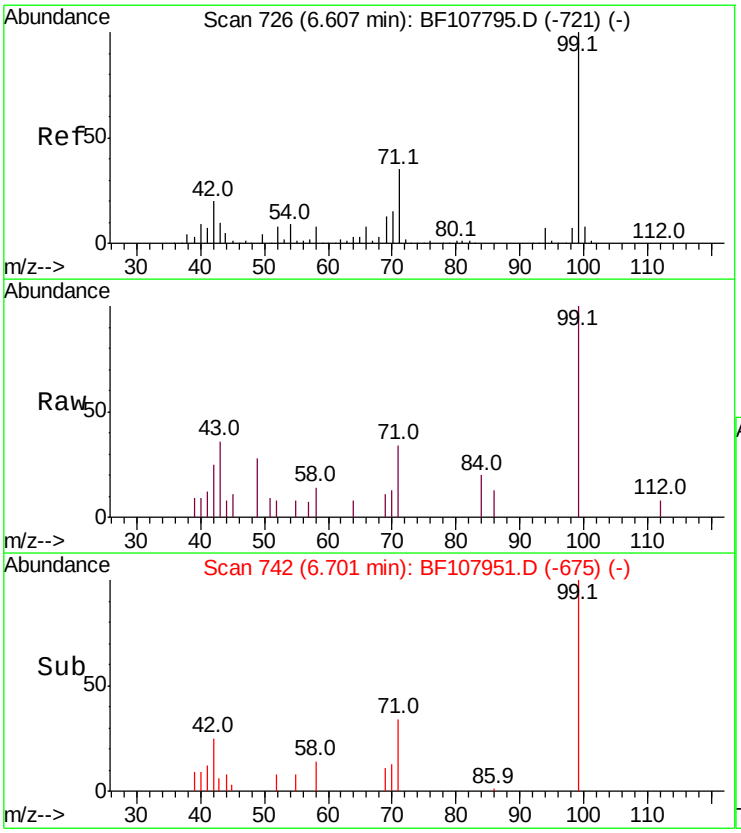
#5
2-Fluorophenol
Concen: 0.077 ng
RT: 5.85 min Scan# 598
Delta R.T. 0.26 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 408

Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	24.5	23.7	35.5

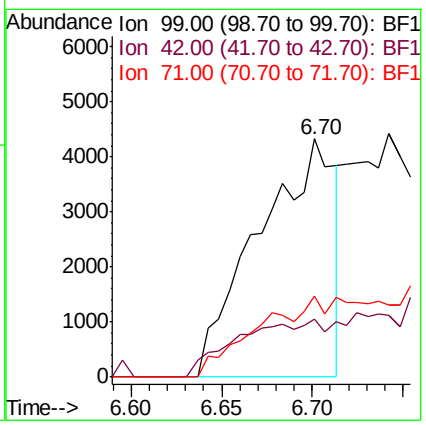


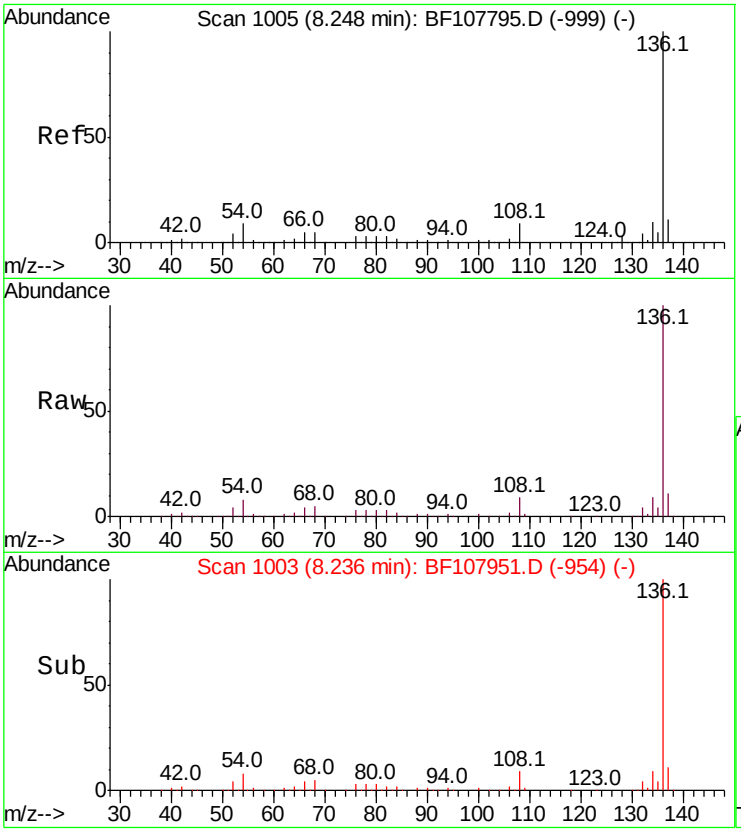


#7
Phenol-d6
Concen: 1.814 ng
RT: 6.70 min Scan# 742
Delta R.T. 0.09 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion: 99 Resp: 12726

Ion	Ratio	Lower	Upper
99	100		
42	24.6	14.5	21.7#
71	34.1	25.4	38.0



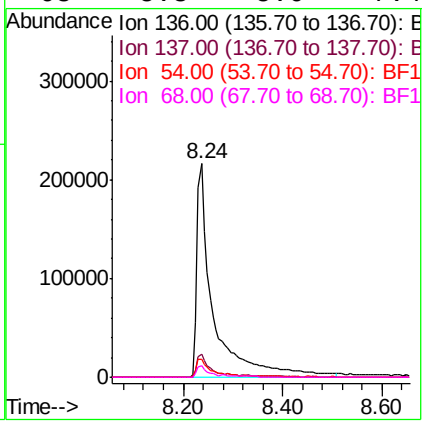


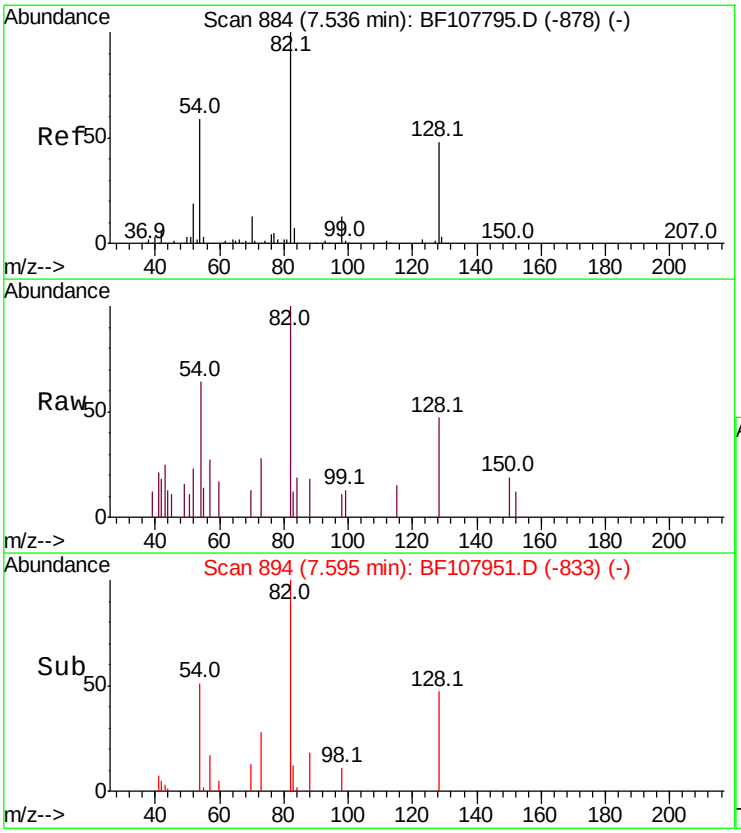
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 496712

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.4	6.6	9.8
68	5.3	5.0	7.4

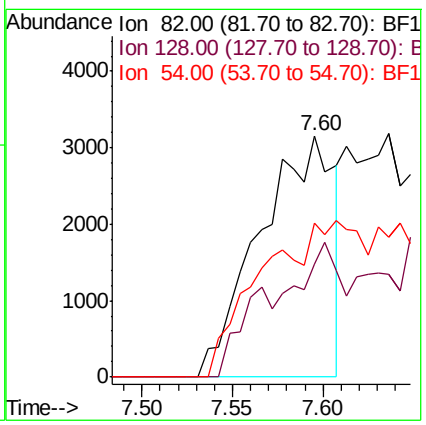


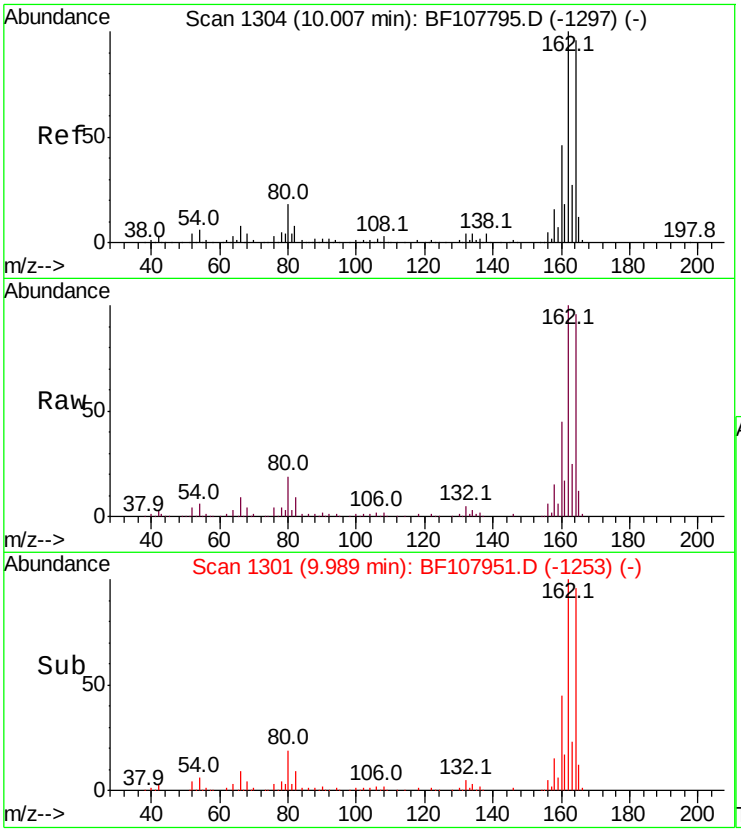


#23
Nitrobenzene-d5
Concen: 1.044 ng
RT: 7.60 min Scan# 894
Delta R.T. 0.06 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion: 82 Resp: 9003

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	63.8	41.4	62.2#

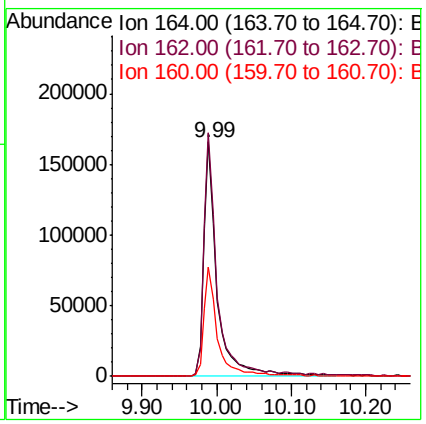




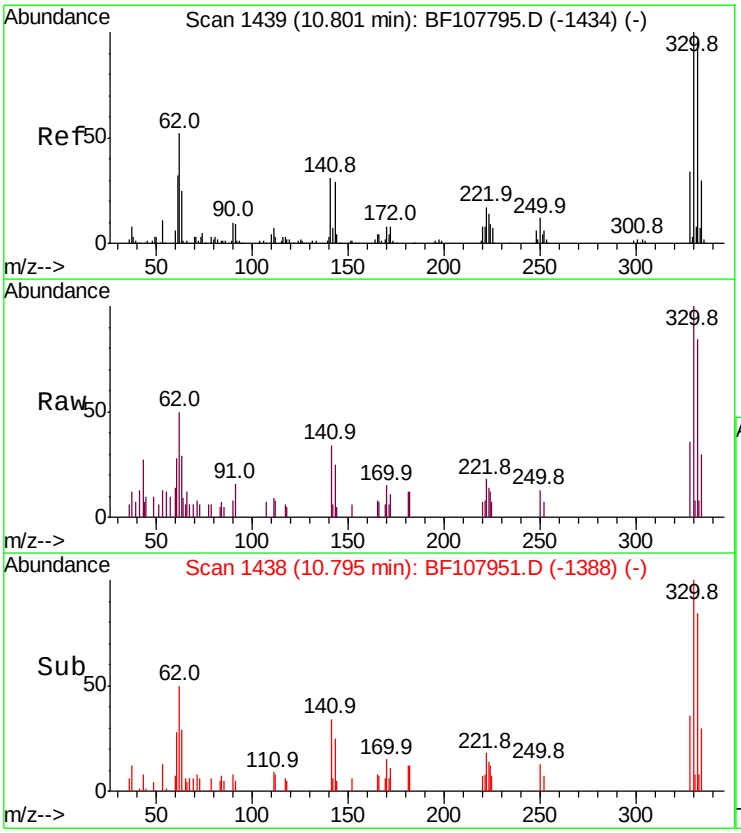
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:164 Resp: 210273

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.5	38.3	57.5



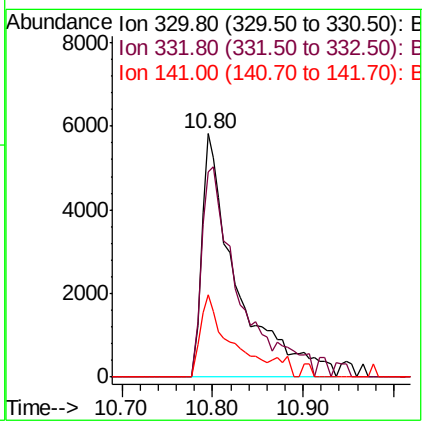
Instrument :
BNA_F
ClientSampleId :

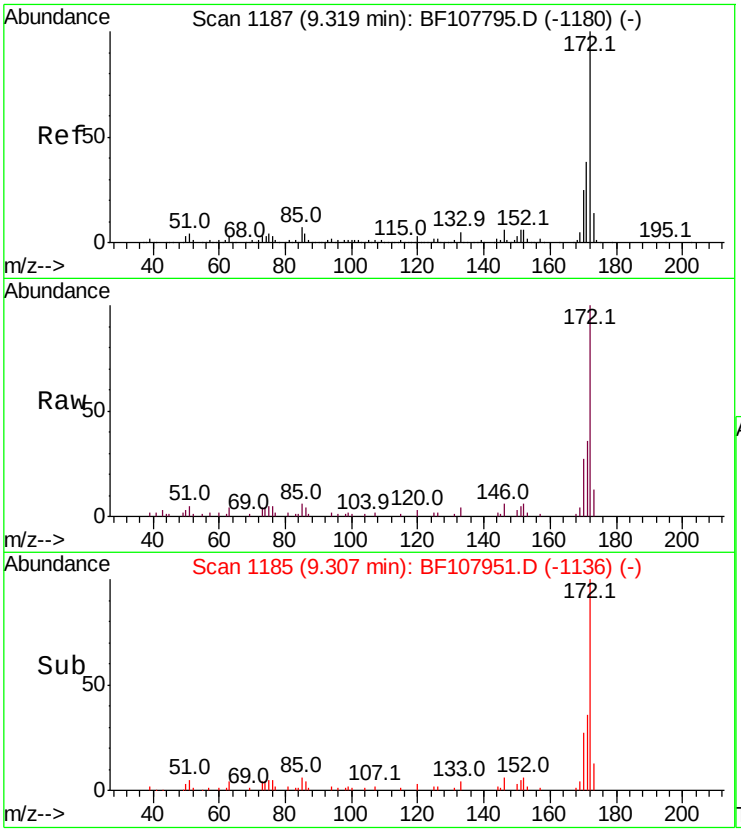


#41
2,4,6-Tribromophenol
Concen: 5.479 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:330 Resp: 15655

Ion	Ratio	Lower	Upper
330	100		
332	81.2	77.0	115.6
141	28.2	29.9	44.9#



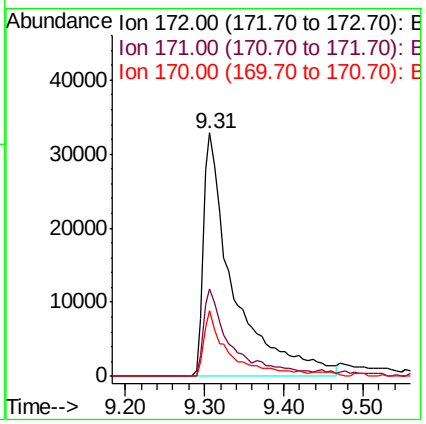


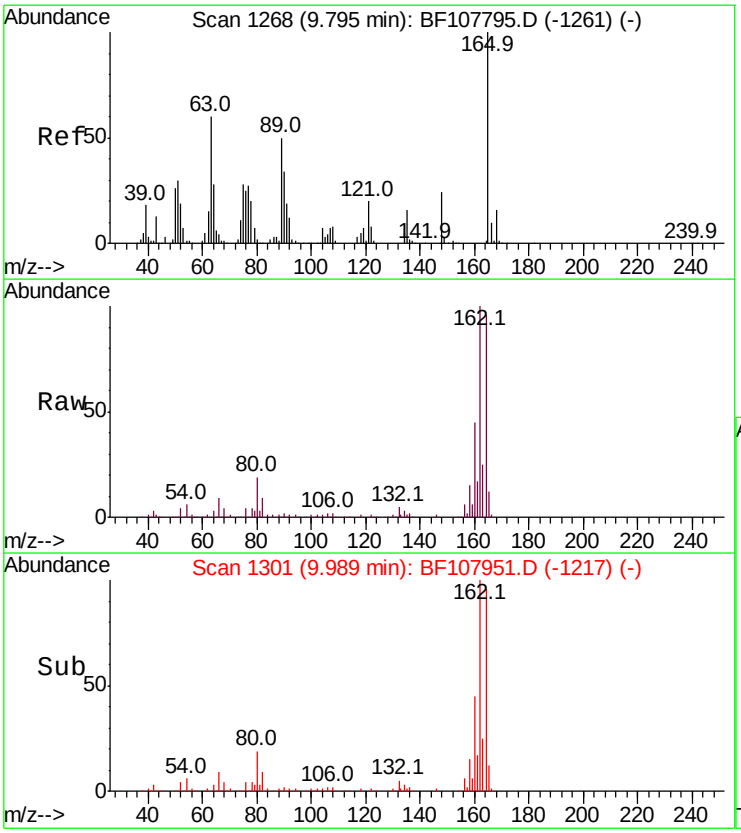
#44
2-Fluorobiphenyl
Concen: 5.758 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 86889

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	27.2	19.6	29.4

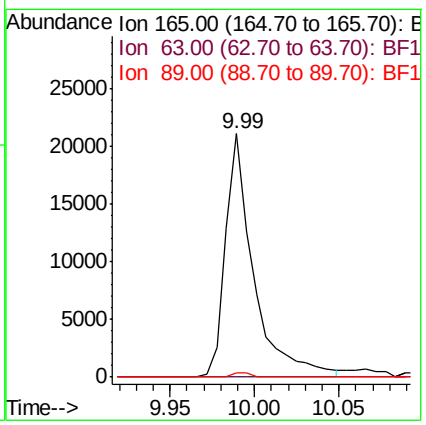


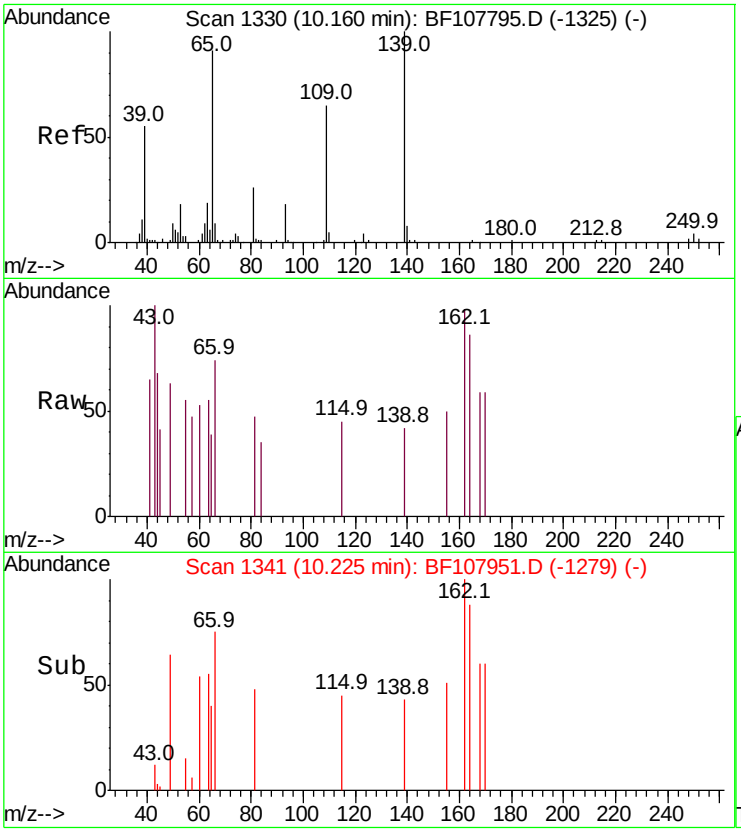


#50
2,6-Dinitrotoluene
Concen: 7.120 ng
RT: 9.99 min Scan# 1301
Delta R.T. 0.19 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:165 Resp: 24433

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



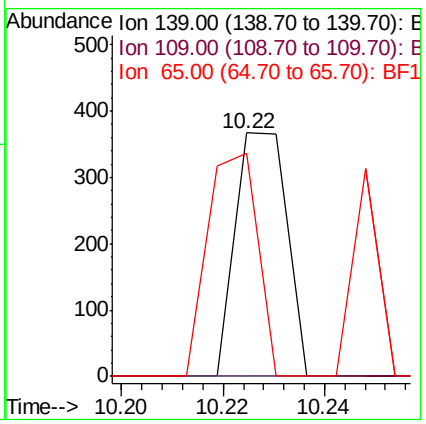


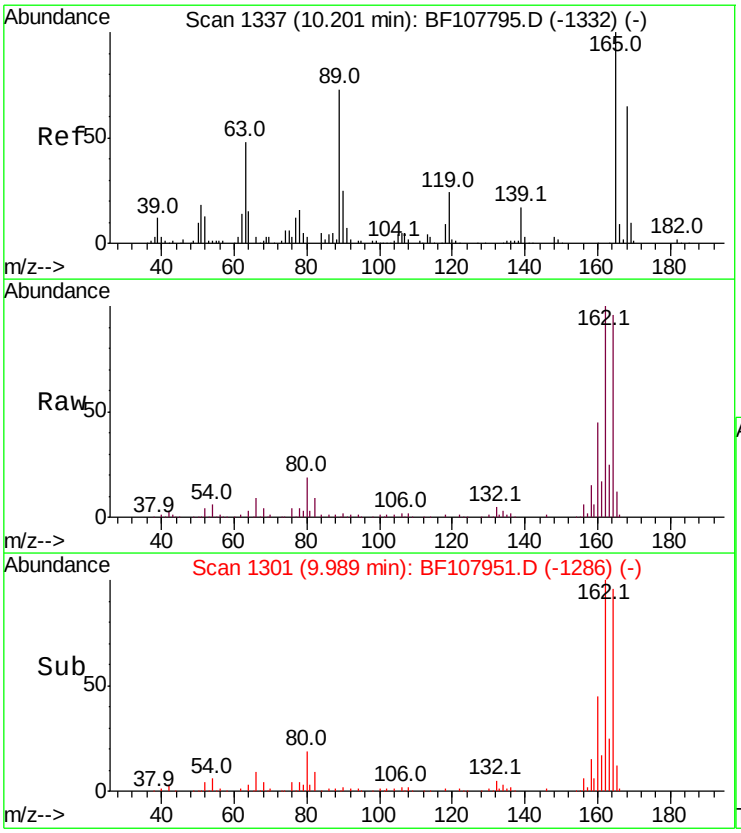
#55
4-Nitrophenol
Concen: 9.425 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.07 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 259

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	91.8	72.6	112.6

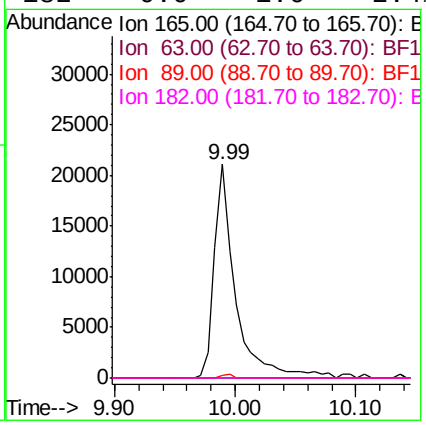


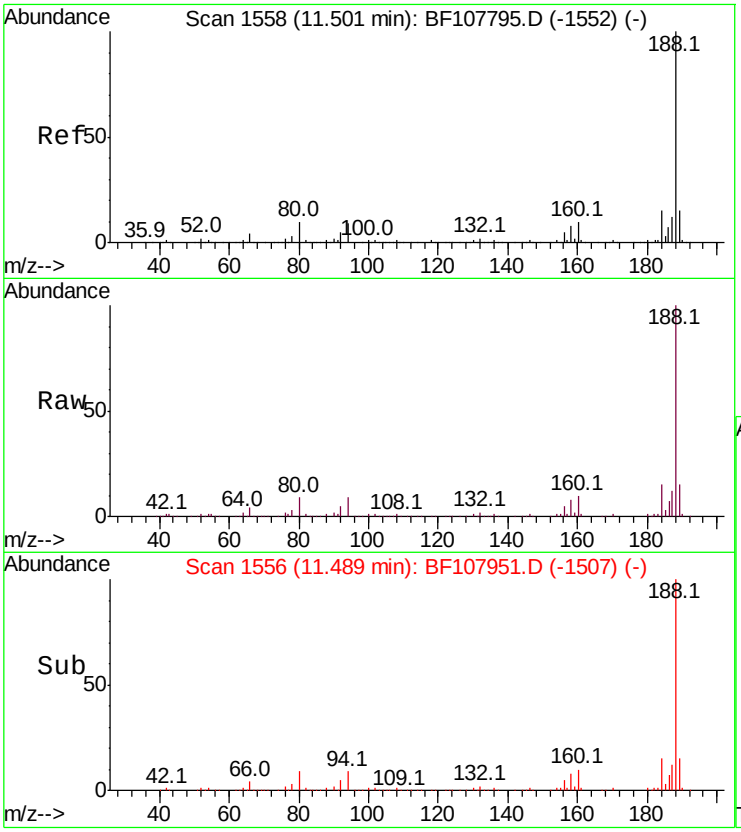


#56
2,4-Dinitrotoluene
Concen: 5.634 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.21 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:165 Resp: 25411

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#



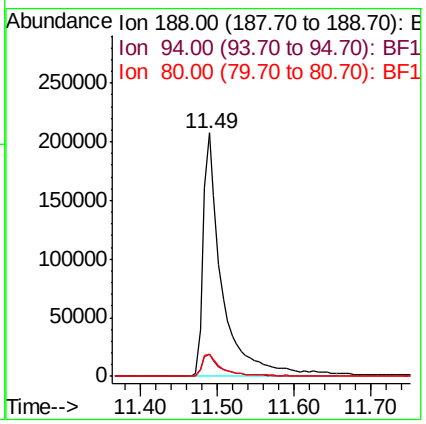


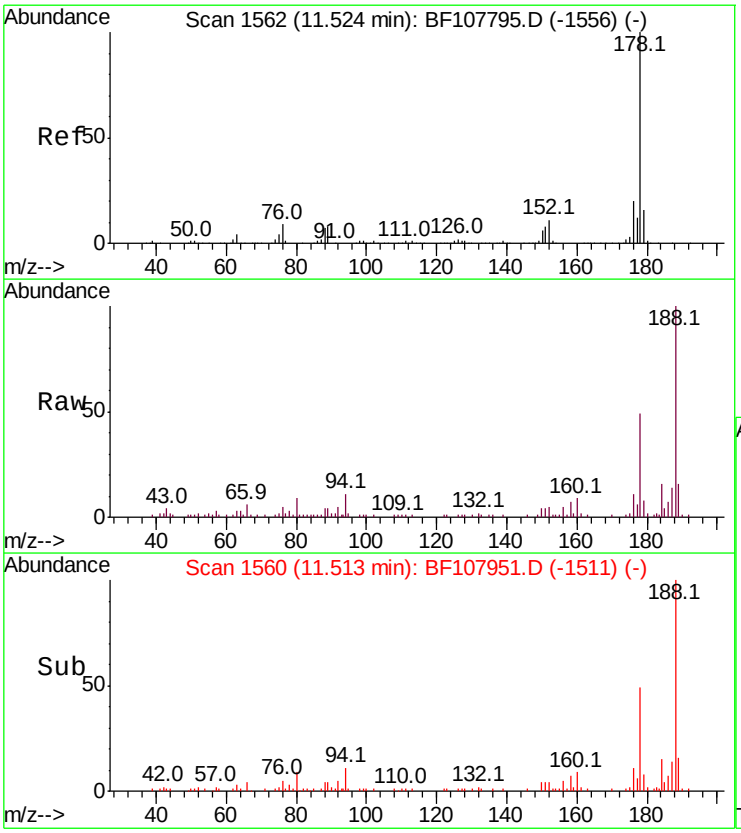
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 355978

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8

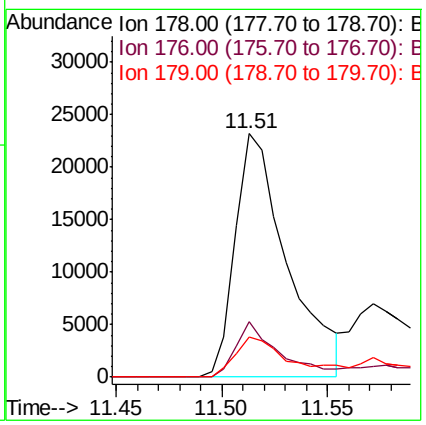


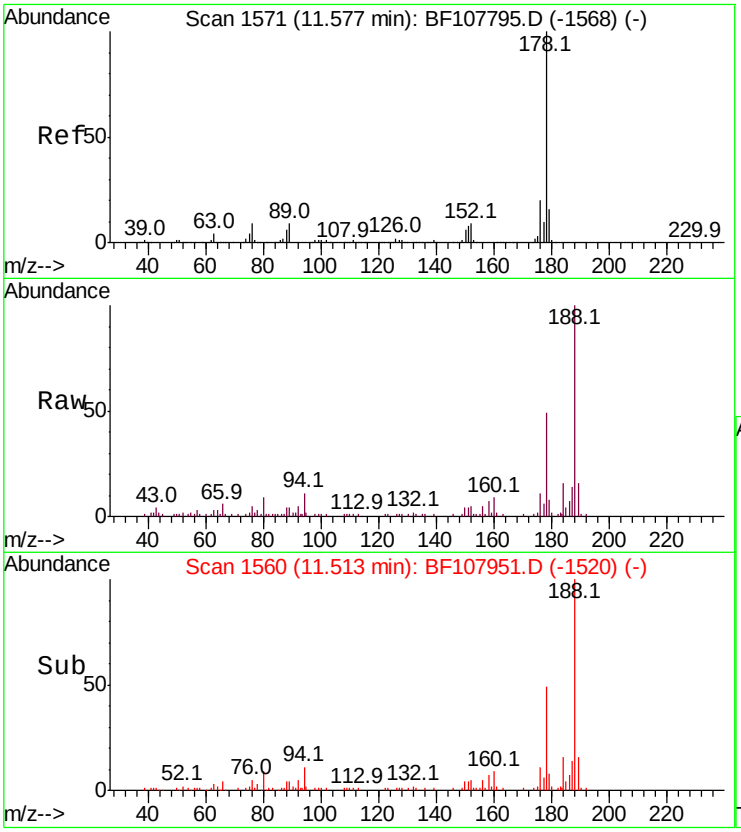


#70
Phenanthrene
Concen: 2.346 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:178 Resp: 39652

Ion	Ratio	Lower	Upper
178	100		
176	22.8	15.8	23.8
179	16.4	13.0	19.6



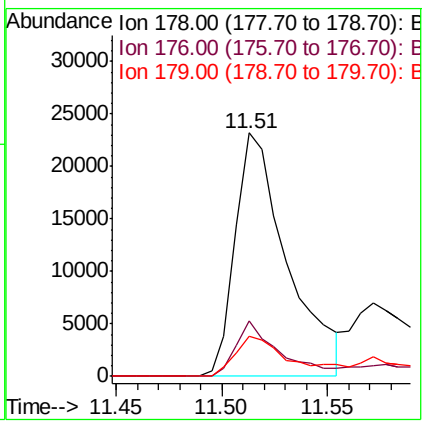


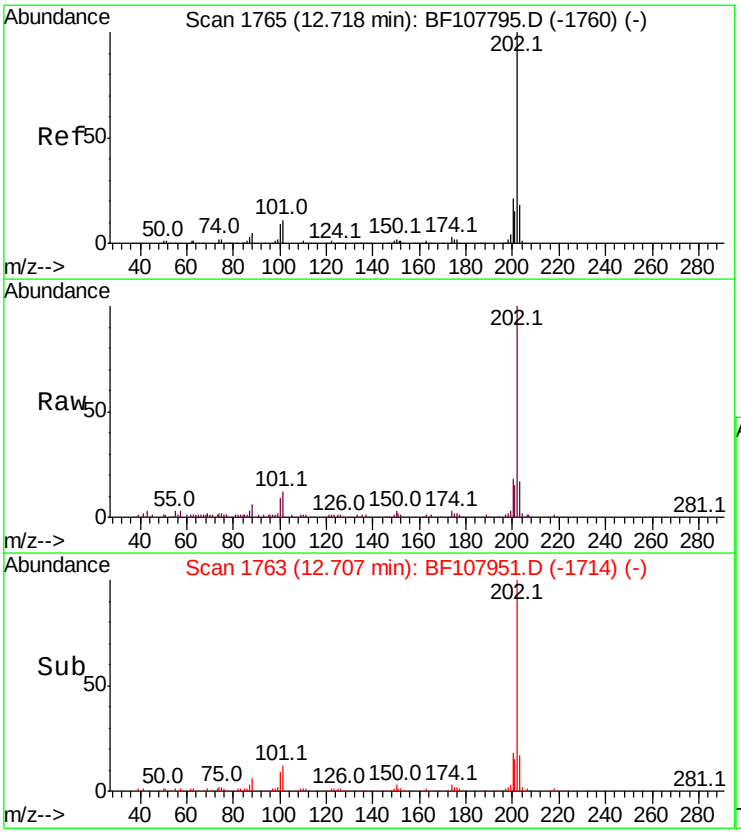
#71
Anthracene
Concen: 2.034 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.06 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 39652

Ion	Ratio	Lower	Upper
178	100		
176	22.8	15.4	23.2
179	16.4	12.6	19.0

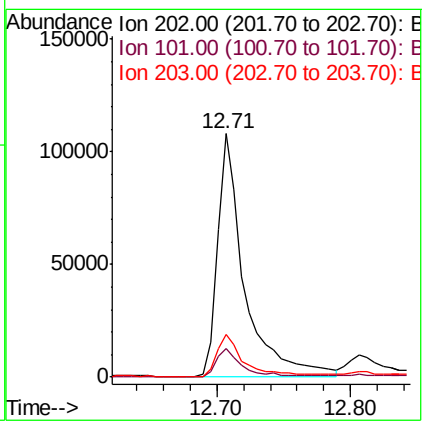


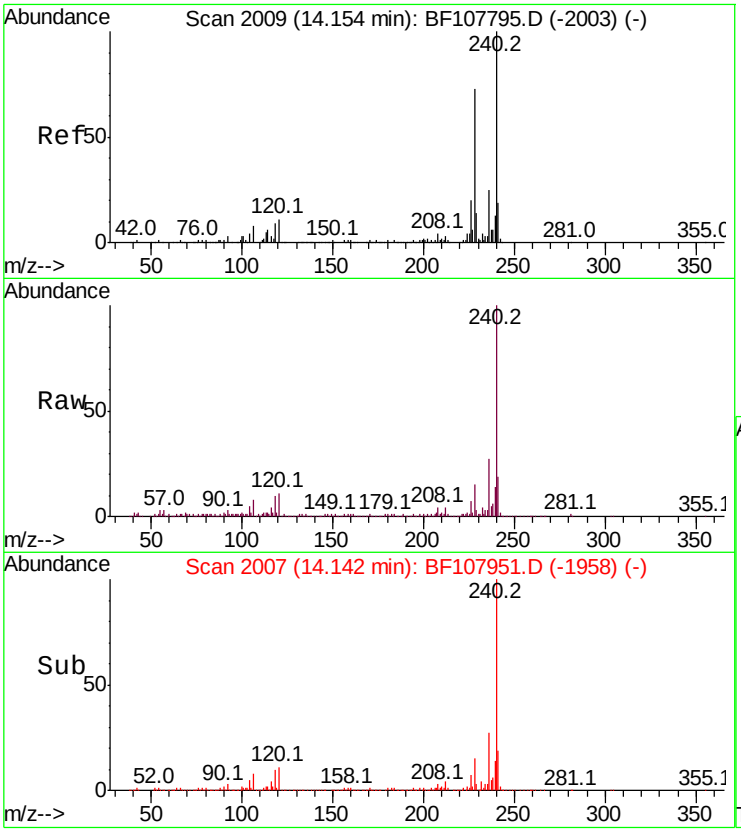


#74
Fluoranthene
Concen: 7.731 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:202 Resp: 153516

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.3	0.0	38.1



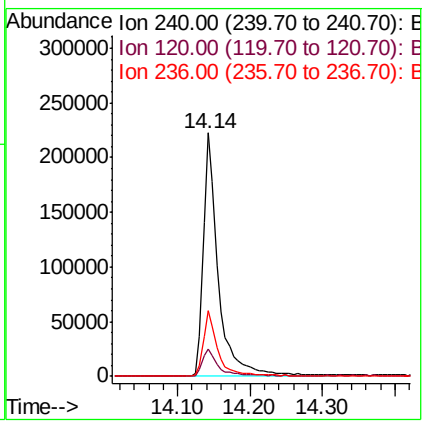


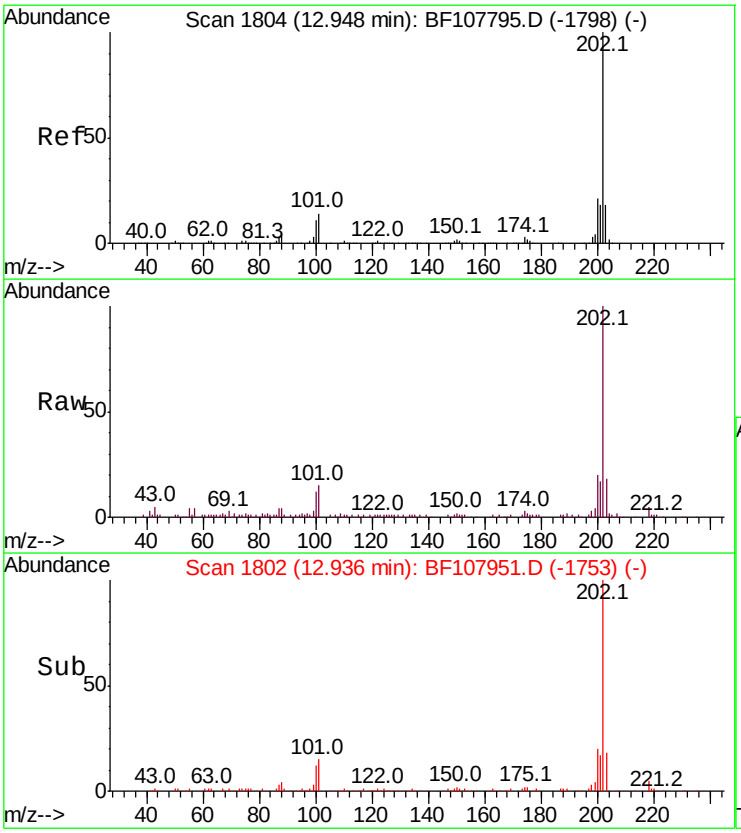
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 324642

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	27.0	20.7	31.1

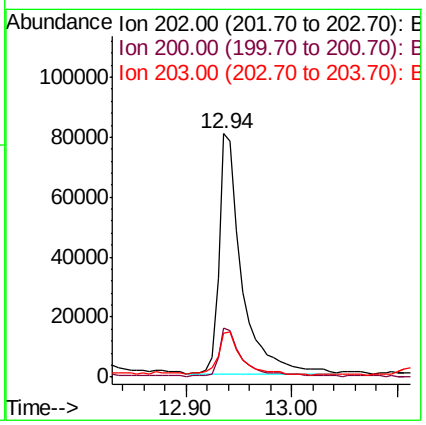


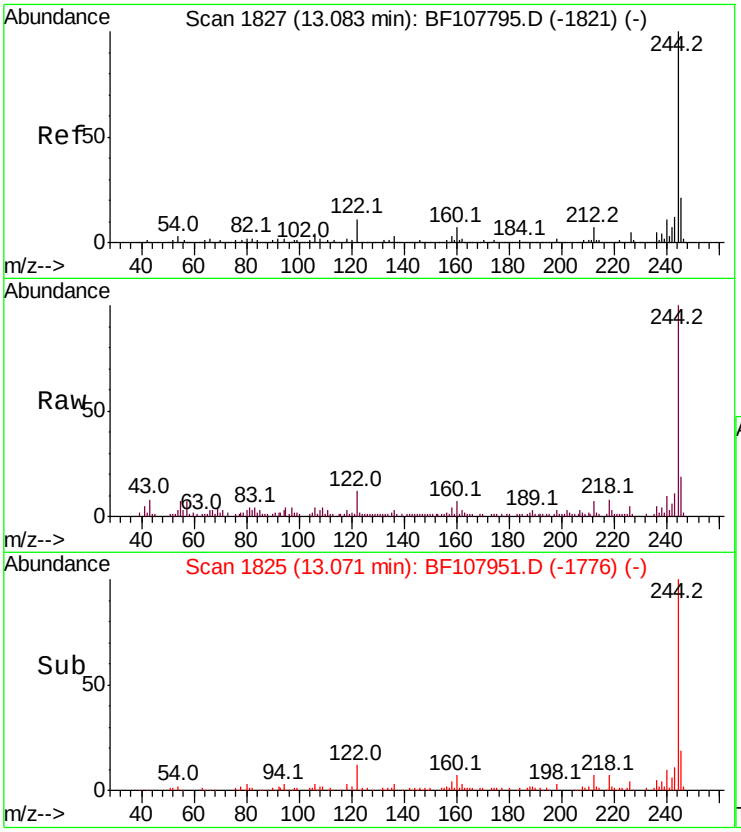


#77
Pyrene
Concen: 5.112 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:202 Resp: 119510

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	18.1	14.3	21.5



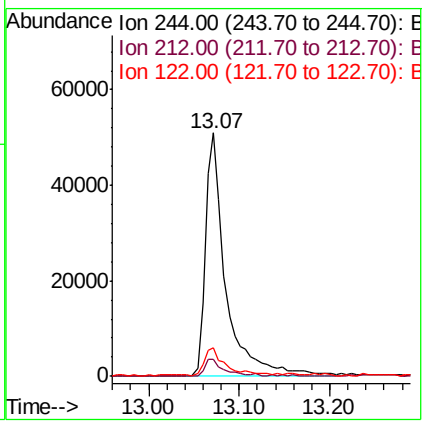


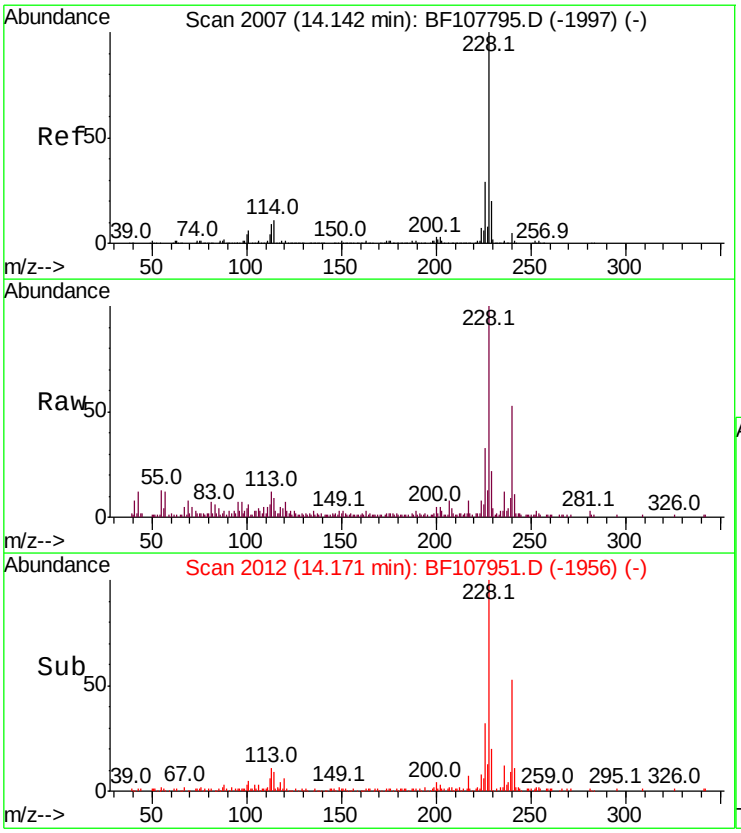
#78
Terphenyl-d14
Concen: 5.385 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 80621

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.7	11.0	16.4

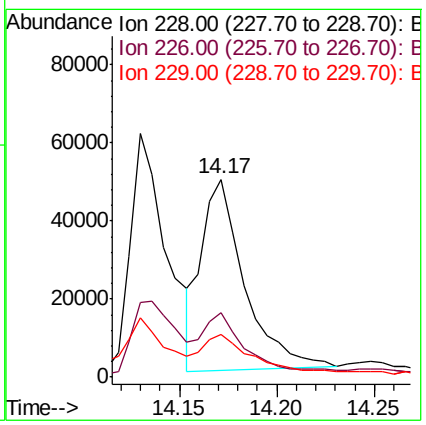


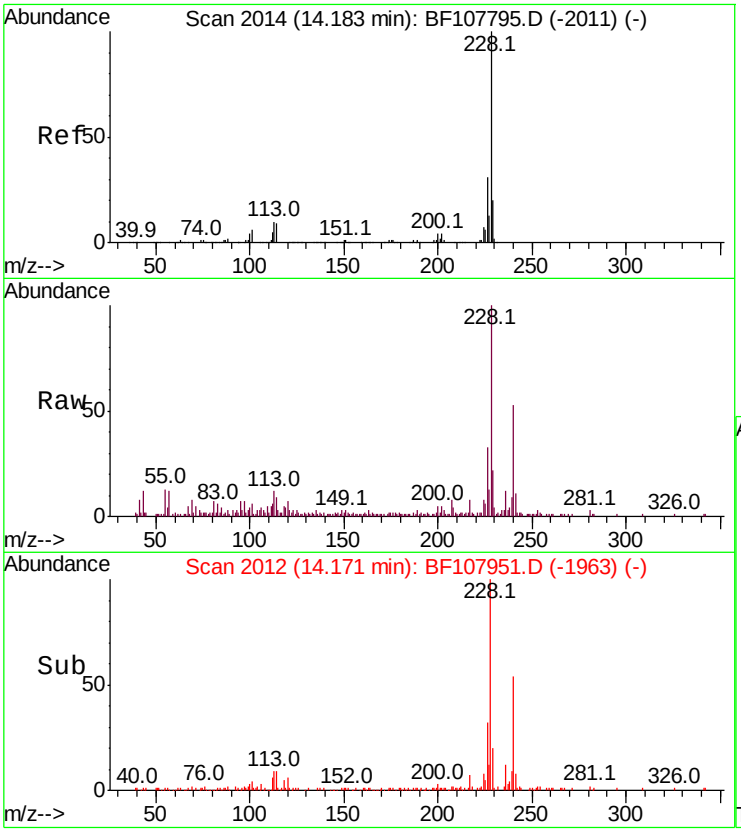


#80
Benzo(a)anthracene
Concen: 4.072 ng
RT: 14.17 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:228 Resp: 74888

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.6	33.8
229	21.7	15.8	23.6



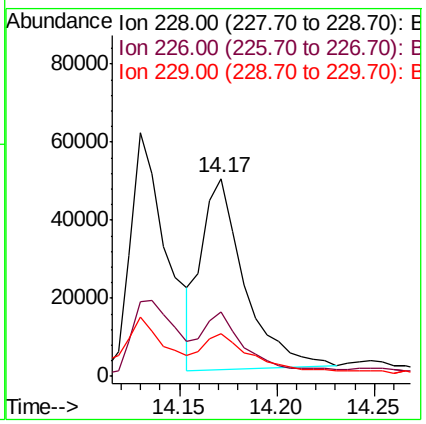


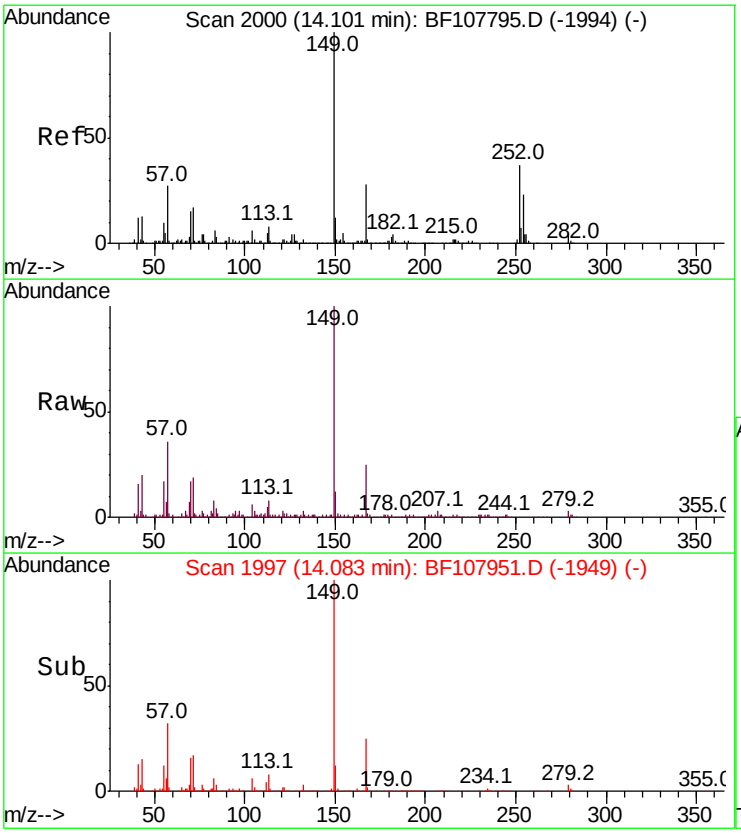
#82
Chrysene
Concen: 3.776 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 74888

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.7	16.2	24.4

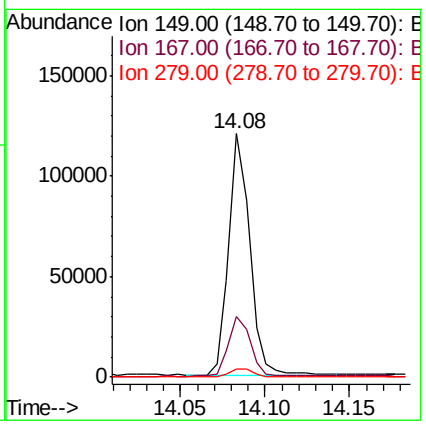


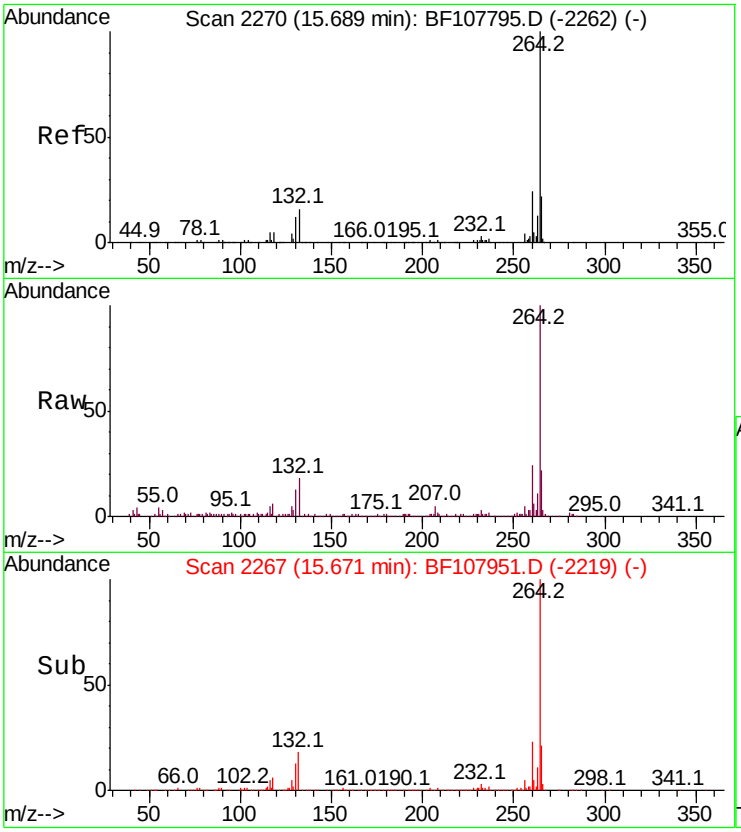


#83
Bis(2-ethylhexyl)phthalate
Concen: 8.130 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:149 Resp: 104628

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.3	31.9
279	3.3	3.0	4.4



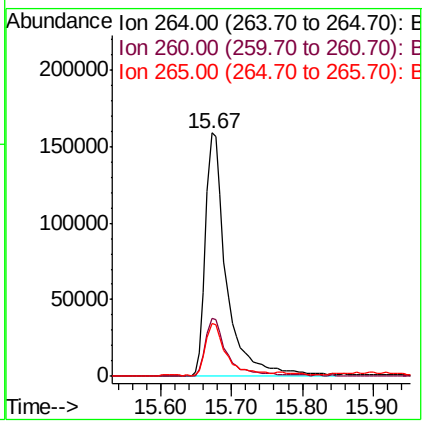


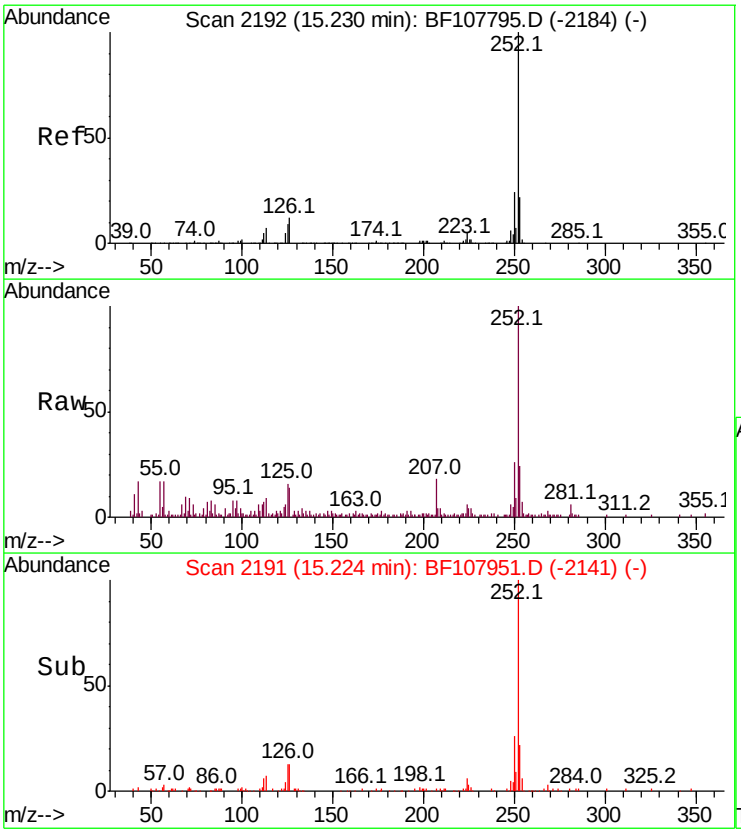
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 333173

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3

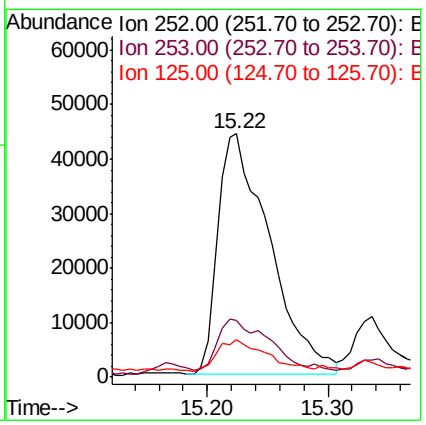


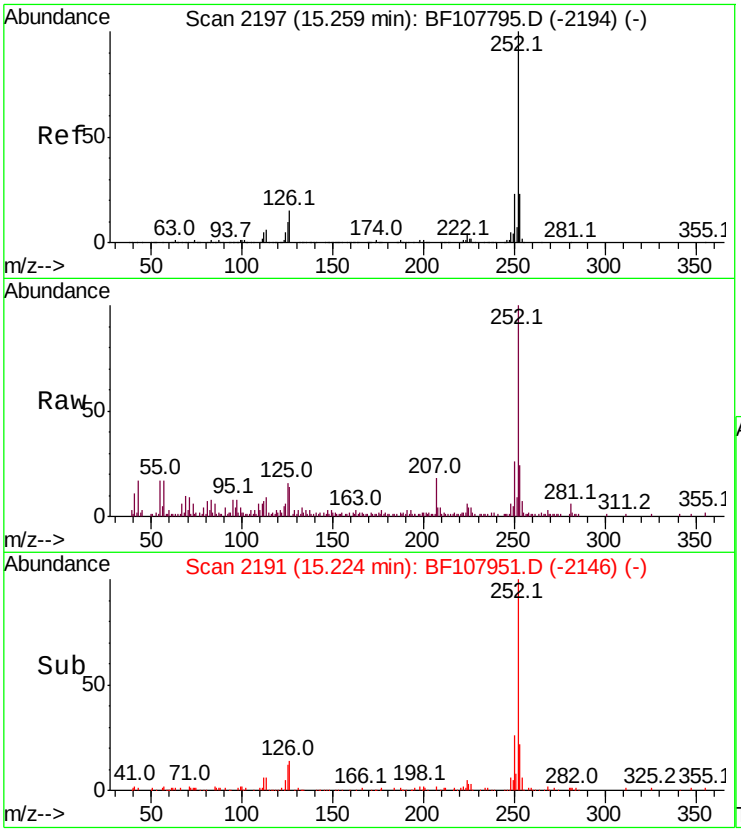


#87
Benzo(b)fluoranthene
Concen: 8.007 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:252 Resp: 131575

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.6	9.0	13.6#



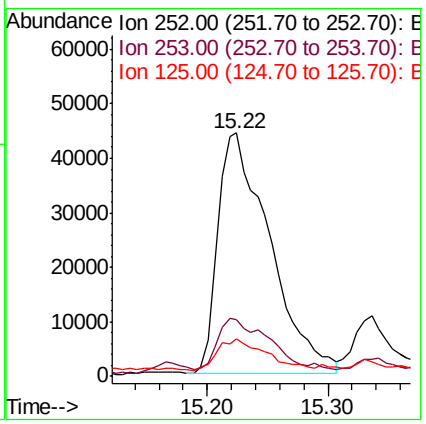


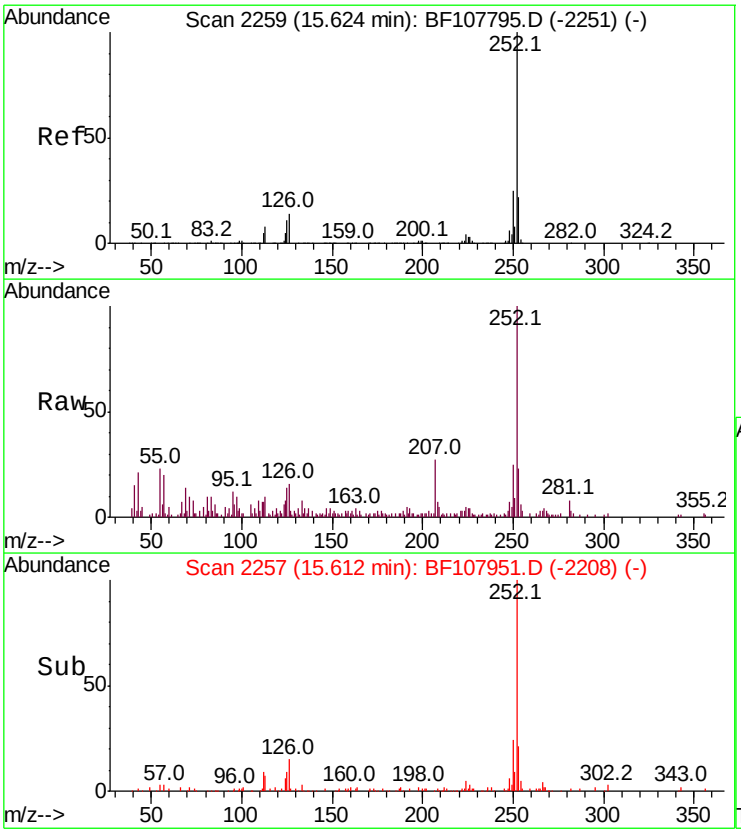
#88
Benzo(k)fluoranthene
Concen: 6.522 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 131575

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	15.6	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 3.521 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion:252 Resp: 59723

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.0	9.8	14.6