Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
Data File : BF107830.D
Acq On : 31 Jul 2018 5:18
Operator : JU/SJ
Sample : J4184-07DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 31 06:43:24 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	6.97	152	174317	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	527020	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	284409	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	480724	20.00	ng		0.00
75) Chrysene-d12	14.15	240	459422	20.00	ng		0.00
86) Perylene-d12	15.68	264	380556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	105085	10.25	ng		0.01
7) Phenol-d6	6.62	99	90354	6.68	ng		0.01
23) Nitrobenzene-d5	7.53	82	257748	28.18	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	90146	23.33	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	531630	26.05	ng		0.00
78) Terphenyl-d14	13.08	244	445828	21.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	285	5.846	ng	#	1
3) Pyridine	3.57	79	3263	6.490	ng	#	1
9) Benzaldehyde	6.51	77	27590	3.383	ng	#	1
18) Hexachloroethane	7.49	117	94076	17.400	ng	#	47
19) n-Nitroso-di-n-propylamine	7.53	70	29738	3.468	ng	#	83
25) Isophorone	7.53	82	257747	17.164	ng	#	64
31) Naphthalene	8.30	128	10703151	436.897	ng	#	90
32) Benzoic acid	8.05	122	5878	2.821	ng	#	20
33) 4-Chloroaniline	8.31	127	1708937	163.314	ng	#	37
37) 2-Methylnaphthalene	8.96	142	1647322	107.049	ng		99
45) 1,1'-Biphenyl	9.42	154	678572	26.217	ng		99
48) Acenaphthylene	9.87	152	2201491	72.755	ng		97
51) Acenaphthene	10.04	154	314594	17.898	ng		98
53) 2,4-Dinitrophenol	10.30	184	151	8.496	ng	#	37
55) 4-Nitrophenol	9.94	139	898	9.601	ng		90
57) Fluorene	10.55	166	428716	20.305	ng		94
70) Phenanthrene	11.52	178	1005384	44.045	ng		99
71) Anthracene	11.58	178	273910	10.404	ng		97
74) Fluoranthene	12.72	202	280921	10.476	ng		96
77) Pyrene	12.95	202	381316	11.526	ng		97
80) Benzo(a)anthracene	14.14	228	75822	2.913	ng	#	68
82) Chrysene	14.18	228	70049	2.495	ng		94
87) Benzo(b)fluoranthene	15.23	252	65232	3.476	ng	#	92
88) Benzo(k)fluoranthene	15.23	252	65232	2.831	ng	#	95
89) Benzo(a)pyrene	15.62	252	55282	2.853	ng	#	94

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

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Misc :
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Instrument :
BNA_F
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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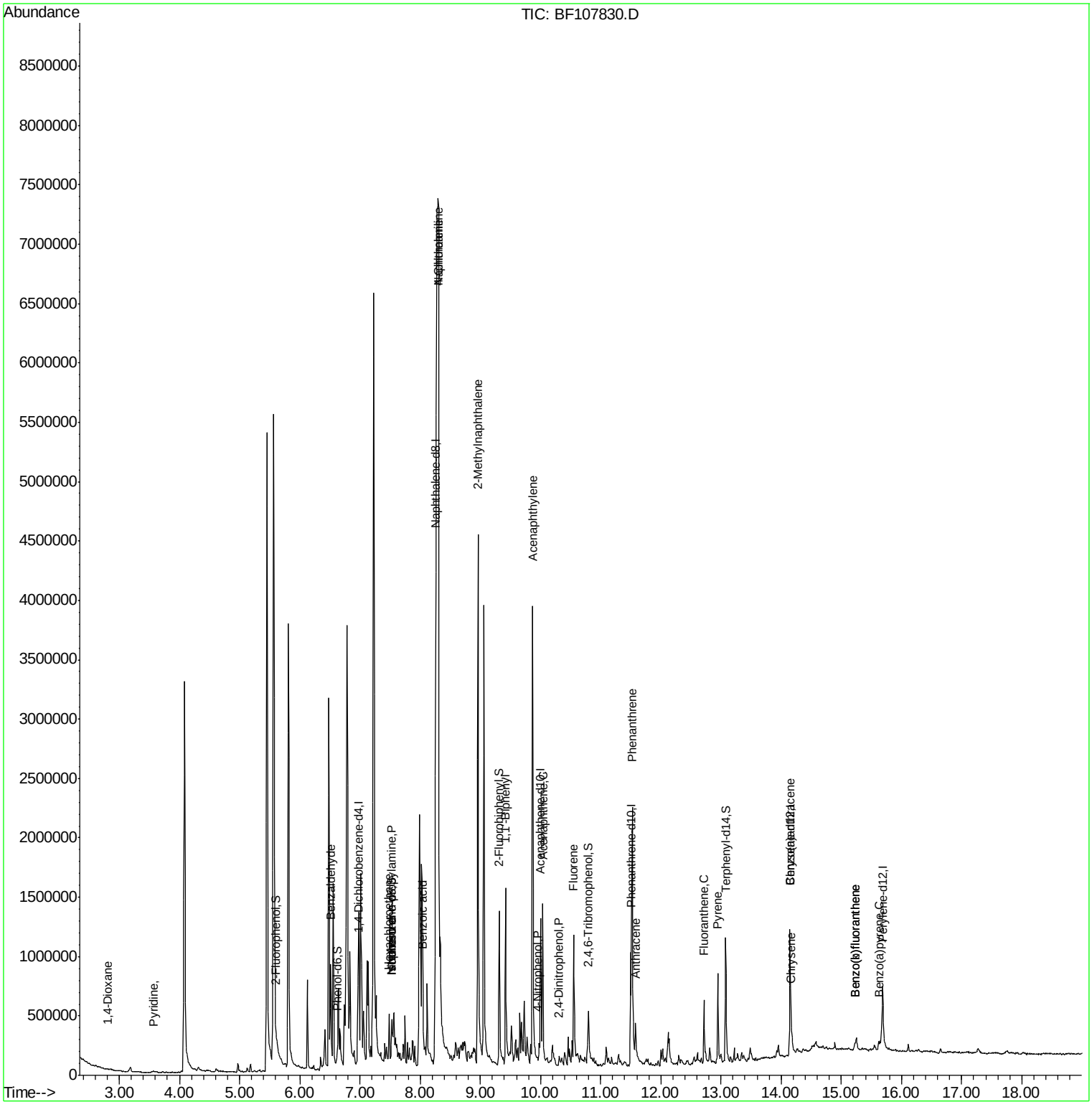
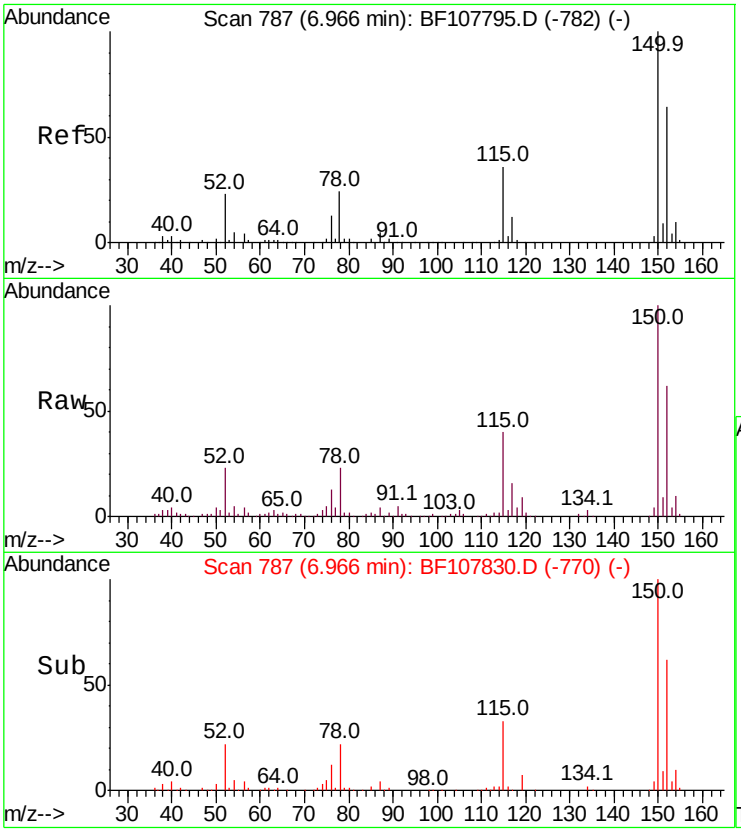


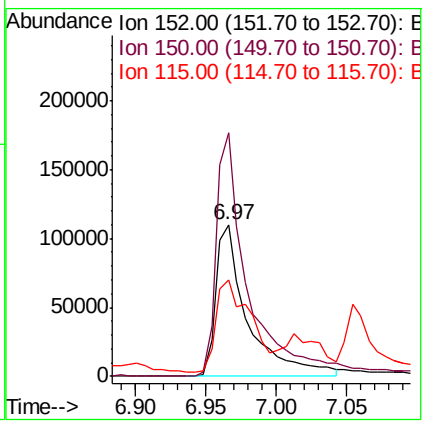


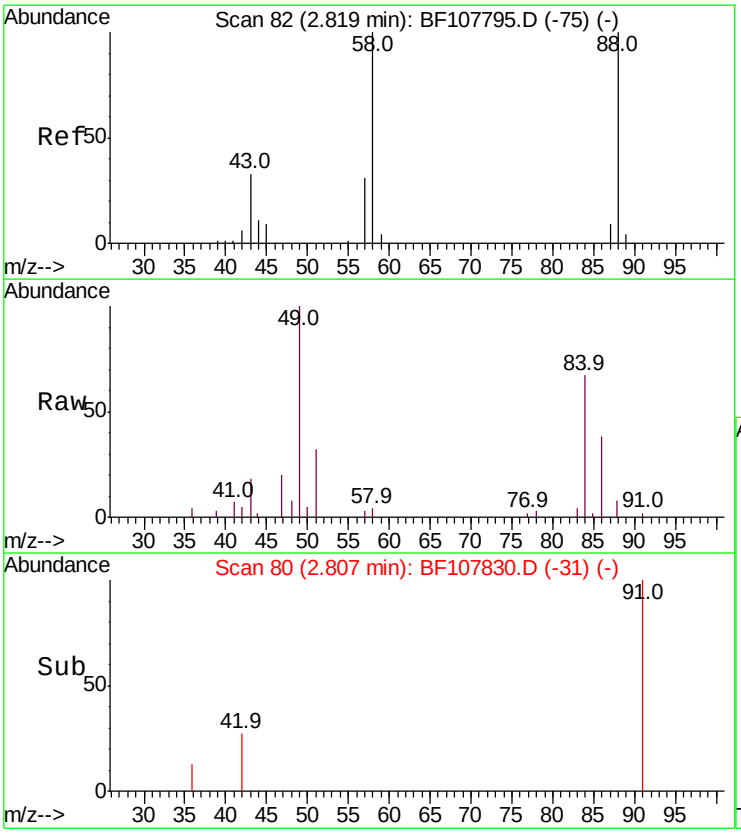
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 174317

Ion	Ratio	Lower	Upper
152	100		
150	160.7	124.6	186.8
115	64.0	50.1	75.1

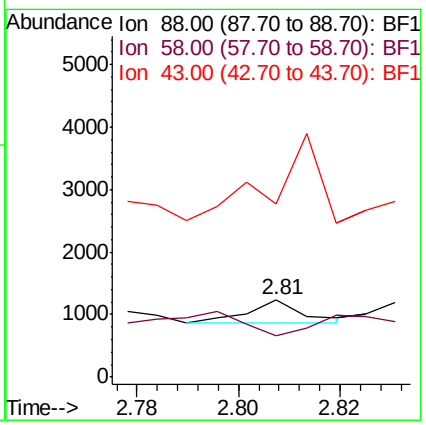


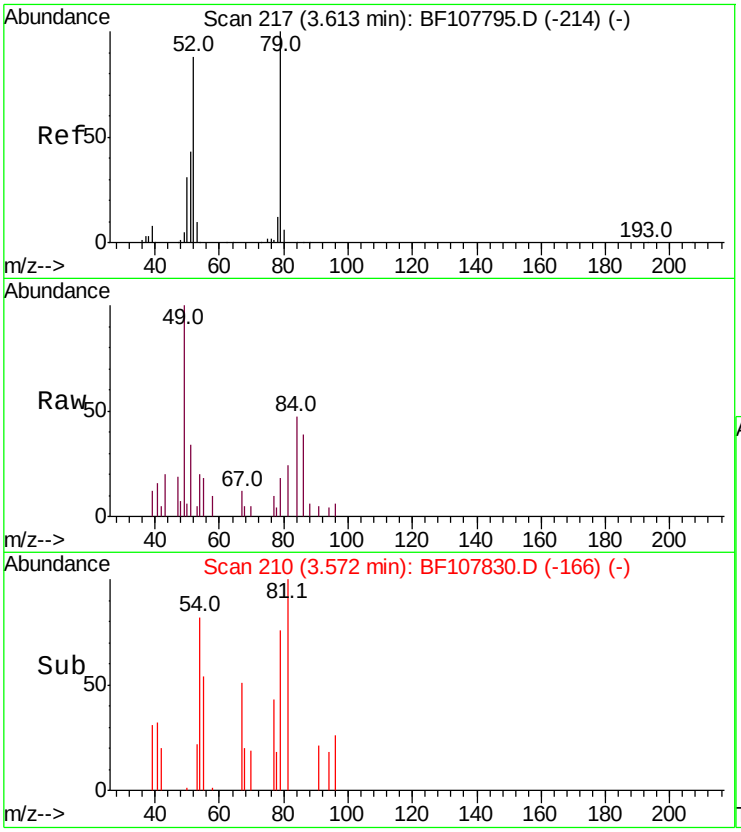


#2
1,4-Dioxane
Concen: 5.846 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion: 88 Resp: 285

Ion	Ratio	Lower	Upper
88	100		
58	200.4	62.6	93.8#
43	324.2	24.6	37.0#



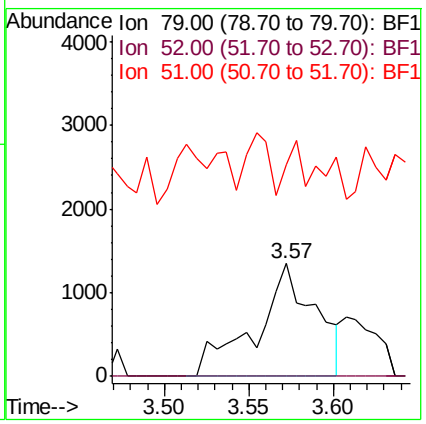


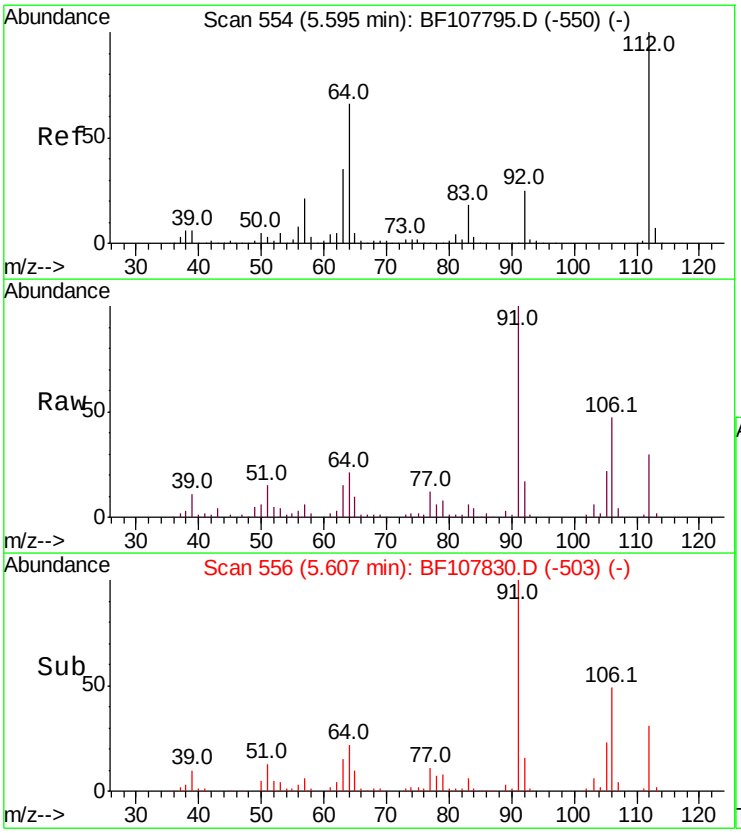
#3
Pyridine
Concen: 6.490 ng
RT: 3.57 min Scan# 210
Delta R.T. -0.04 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 3263

Ion	Ratio	Lower	Upper
79	100		
52	0.0	59.8	89.6#
51	188.1	29.8	44.8#

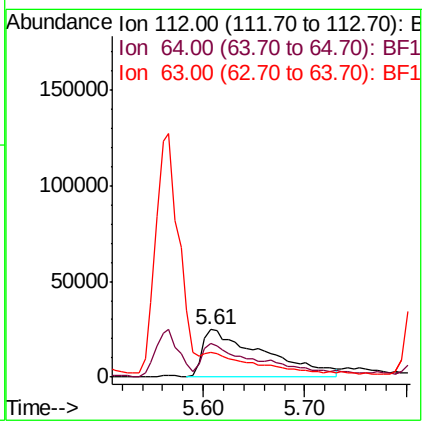


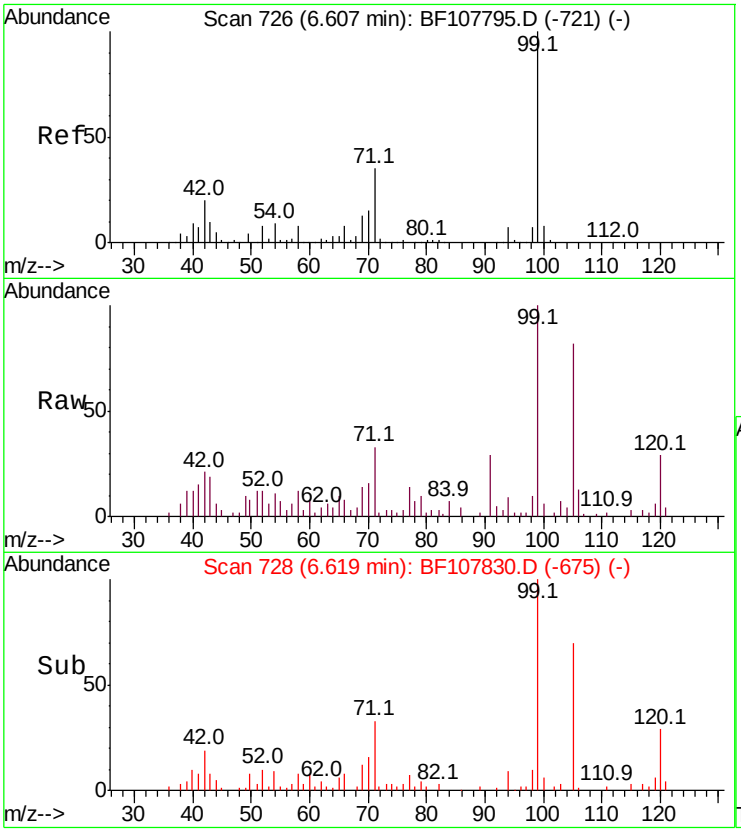


#5
2-Fluorophenol
Concen: 10.246 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:112 Resp: 105085

Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	51.3	23.7	35.5#



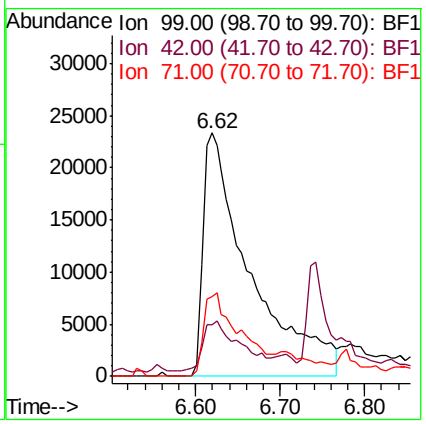


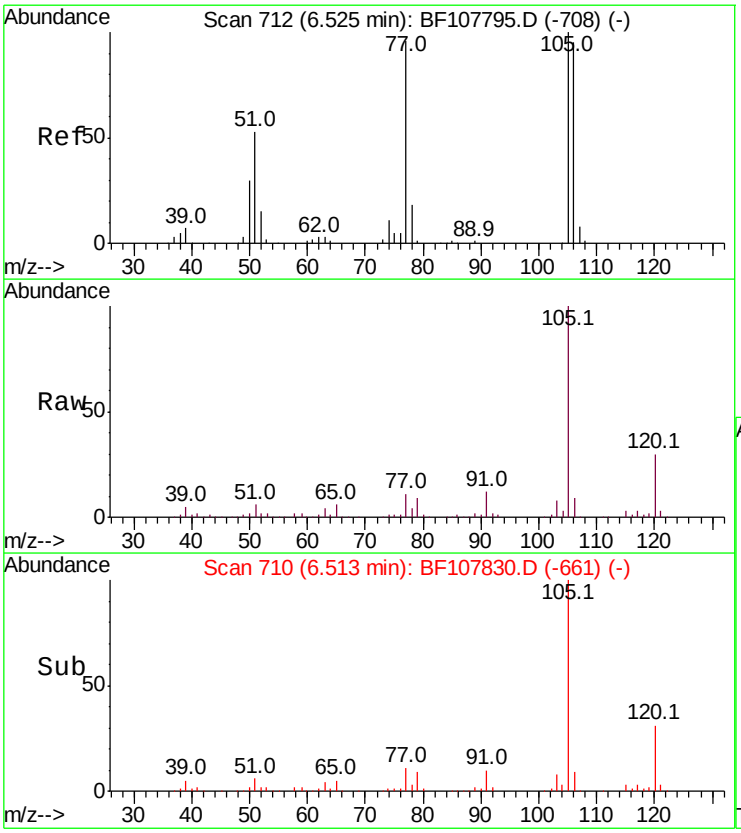
#7
Phenol-d6
Concen: 6.684 ng
RT: 6.62 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 90354

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	32.8	25.4	38.0

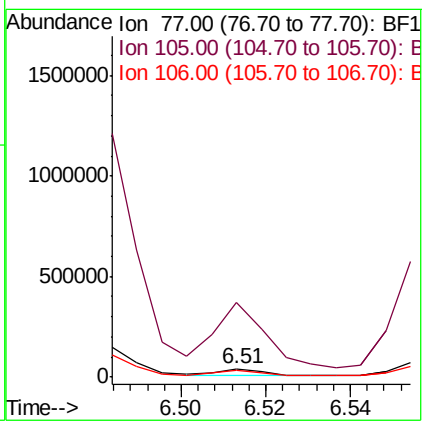


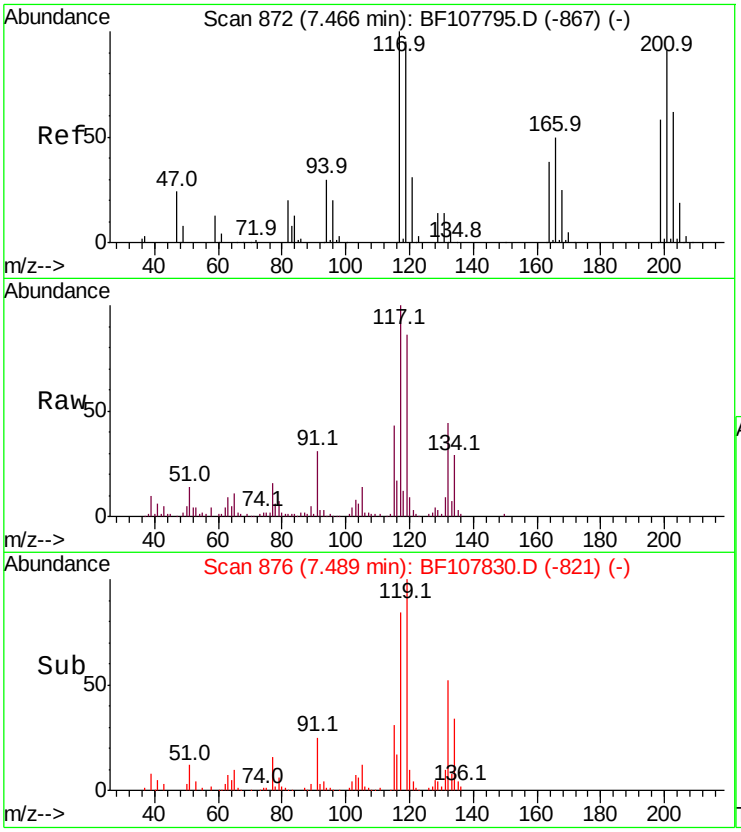


#9
Benzaldehyde
Concen: 3.383 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion: 77 Resp: 27590

Ion	Ratio	Lower	Upper
77	100		
105	870.9	81.1	121.1#
106	81.8	74.5	114.5



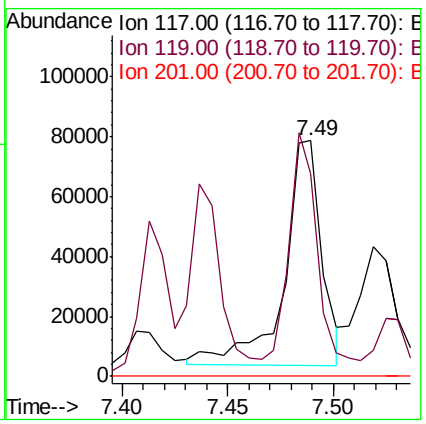


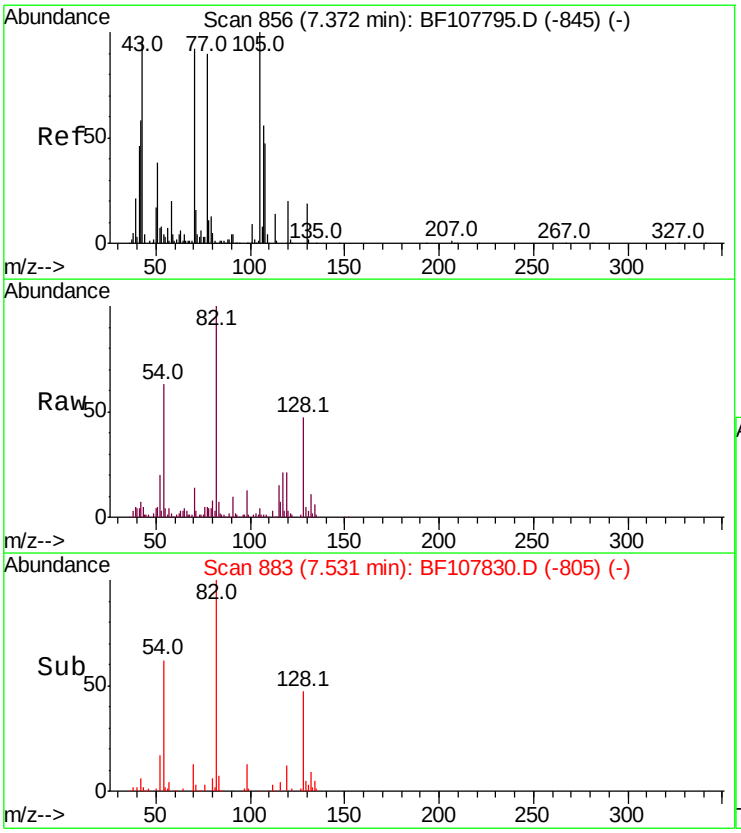
#18
Hexachloroethane
Concen: 17.400 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 94076

Ion	Ratio	Lower	Upper
117	100		
119	85.9	75.8	113.8
201	0.0	75.7	113.5#

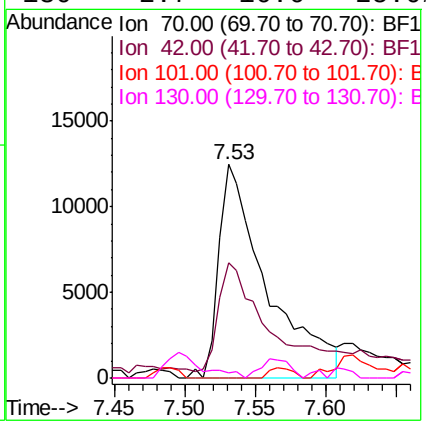


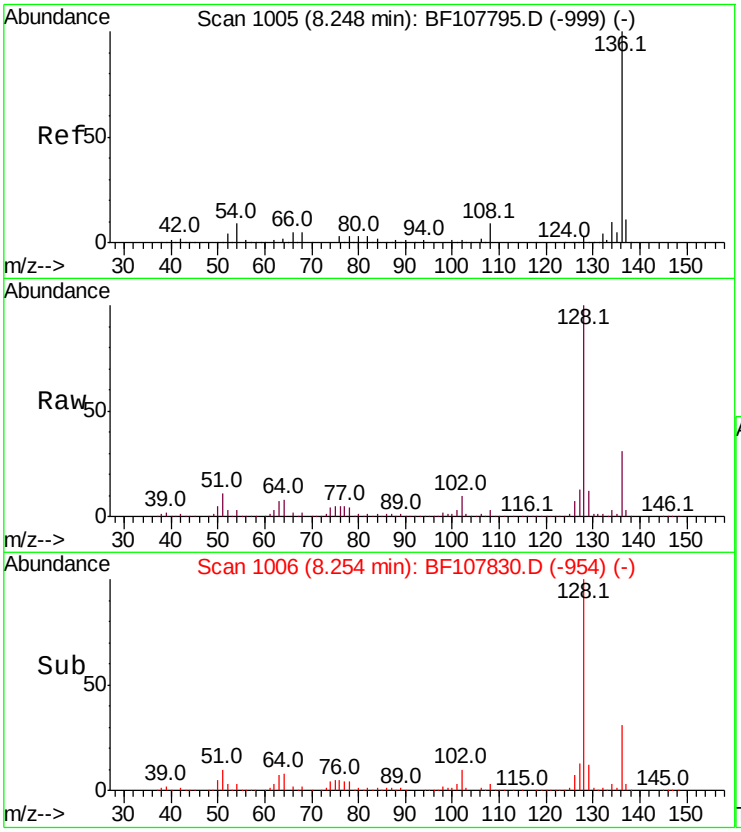


#19
n-Nitroso-di-n-propylamine
Concen: 3.468 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion: 70 Resp: 29738

Ion	Ratio	Lower	Upper
70	100		
42	53.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.7	16.6	25.0#



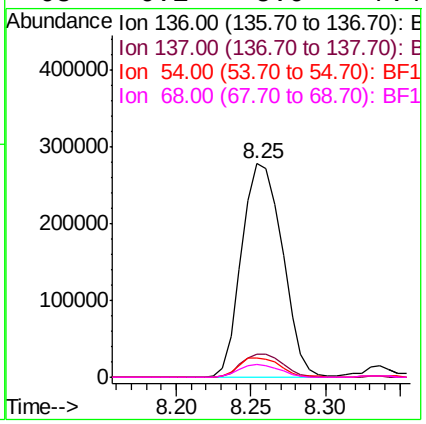


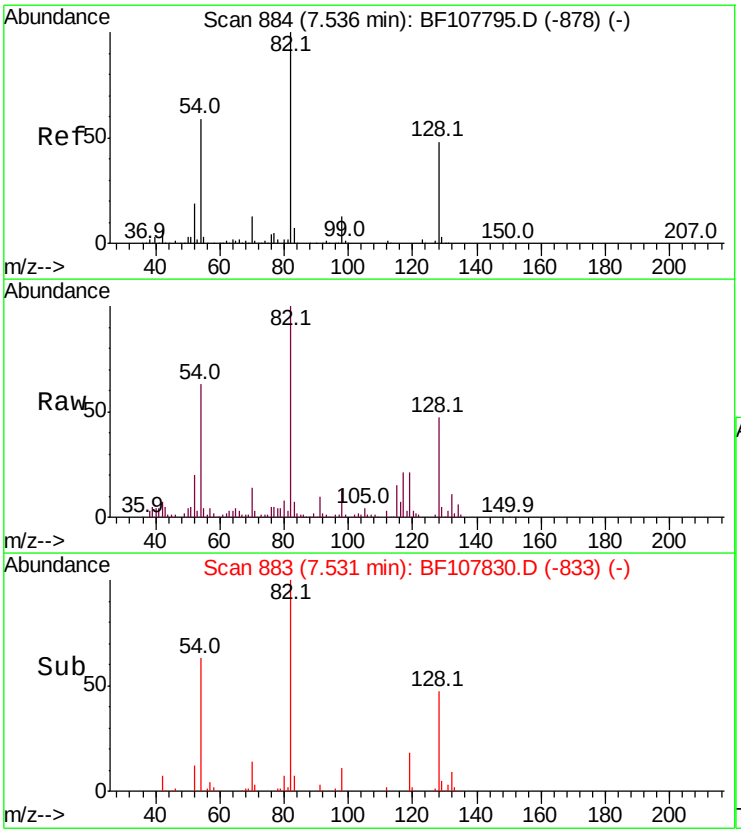
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 527020

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.8	6.6	9.8
68	6.1	5.0	7.4

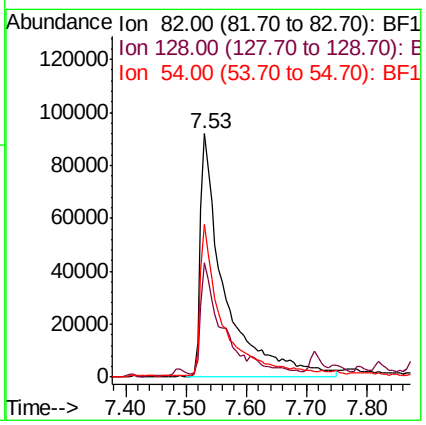


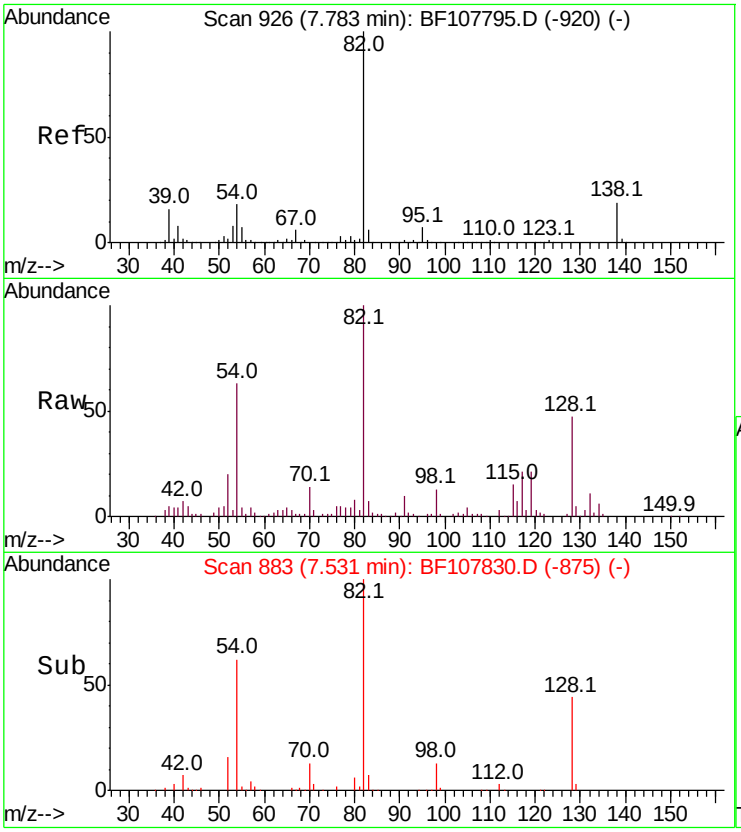


#23
Nitrobenzene-d5
Concen: 28.175 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion: 82 Resp: 257748

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	62.6	41.4	62.2#



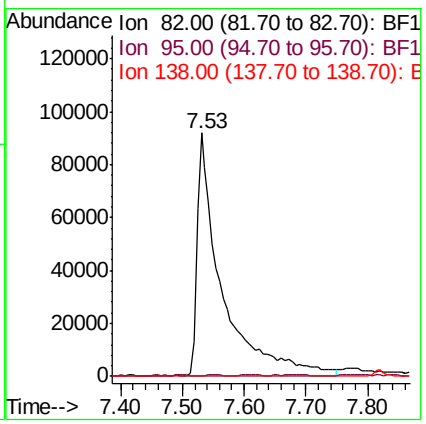


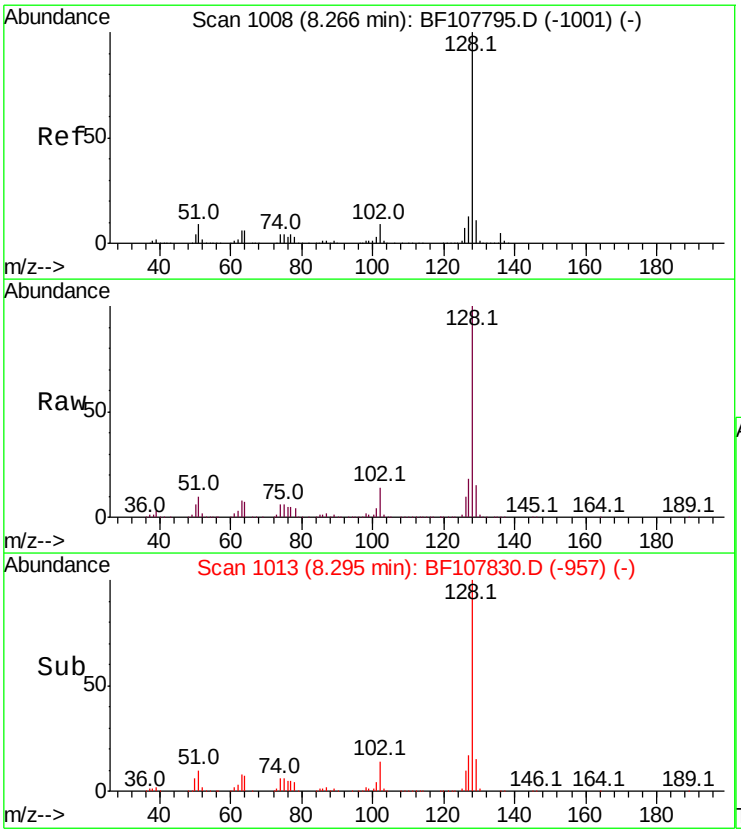
#25
Isophorone
Concen: 17.164 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 257747

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

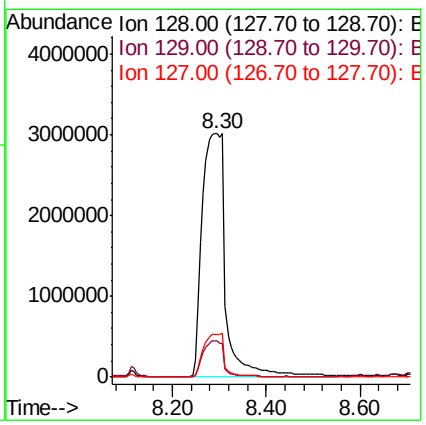


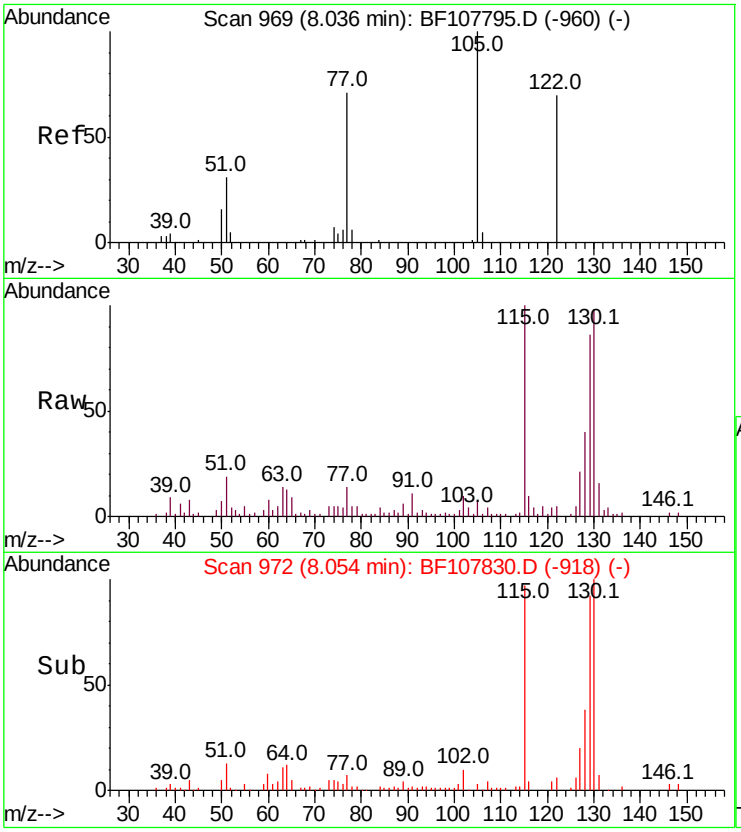


#31
Naphthalene
Concen: 436.897 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.03 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:128 Resp:10703151

Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.8	13.2#
127	17.5	10.9	16.3#



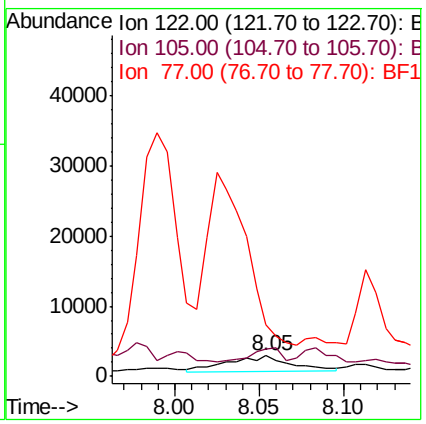


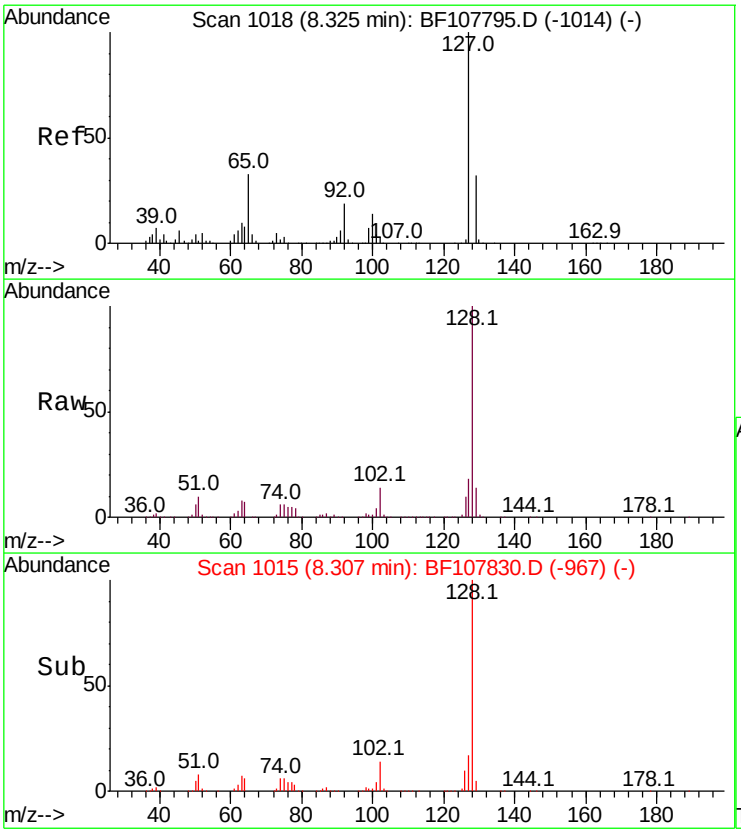
#32
Benzoic acid
Concen: 2.821 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 5878

Ion	Ratio	Lower	Upper
122	100		
105	134.1	101.1	141.1
77	253.1	70.7	110.7#

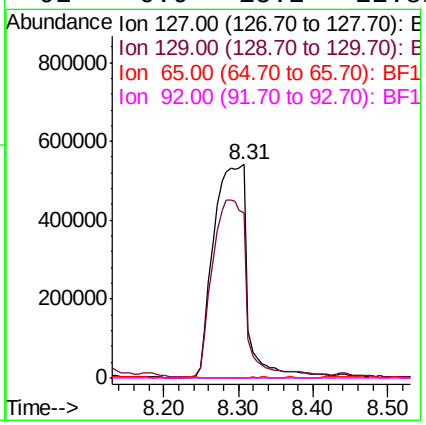


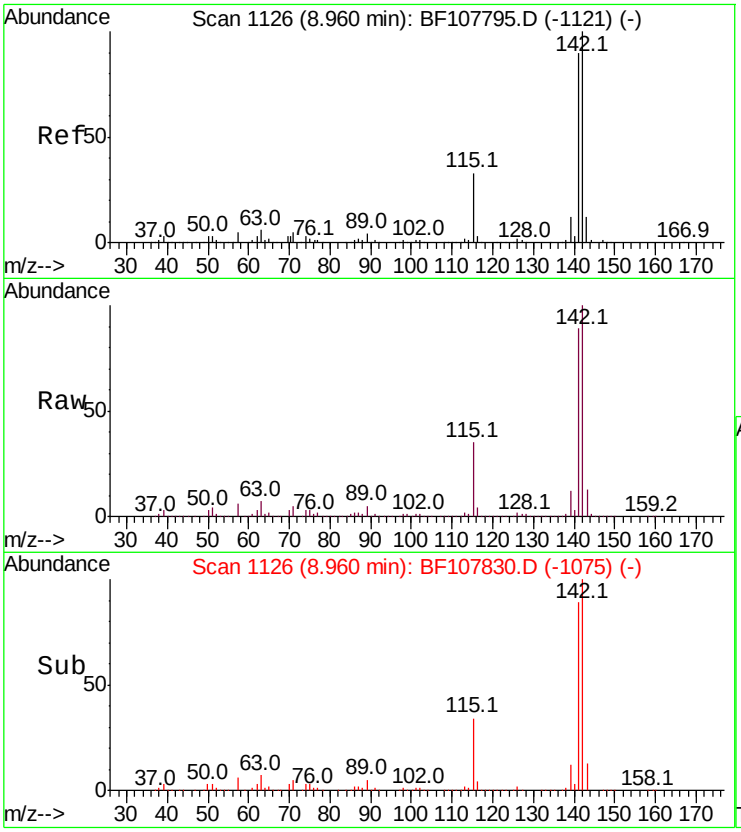


#33
4-Chloroaniline
Concen: 163.314 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:127 Resp: 1708937

Ion	Ratio	Lower	Upper
127	100		
129	77.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



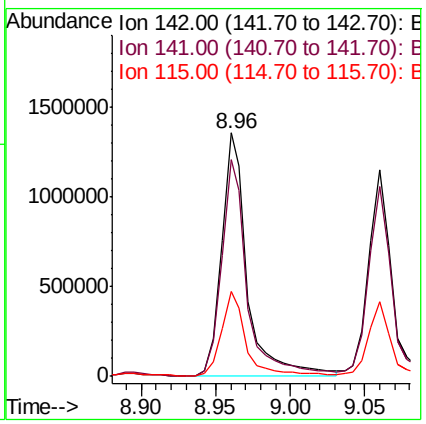


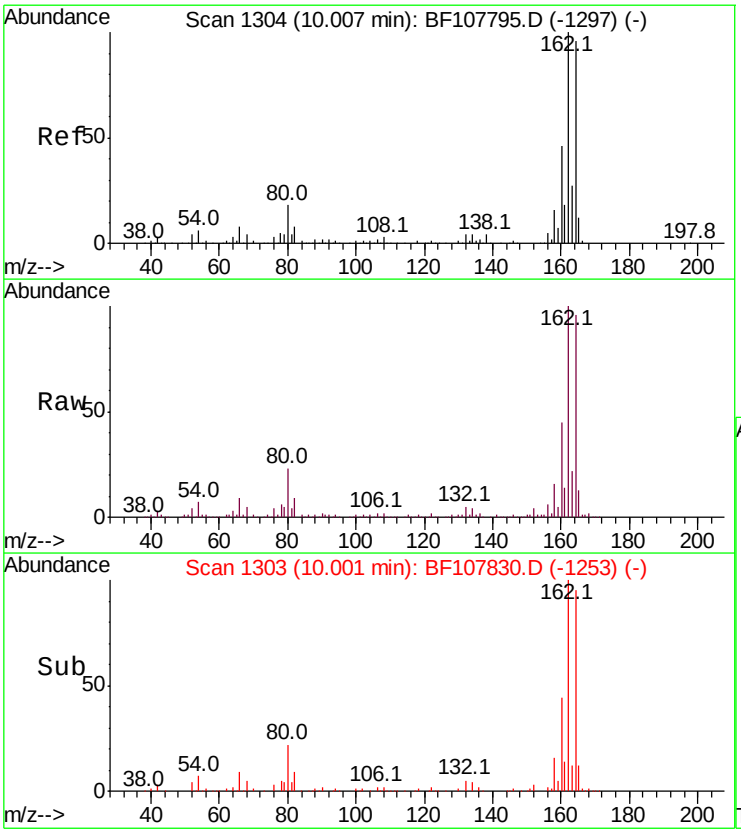
#37
2-Methylnaphthalene
Concen: 107.049 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 1647322

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	34.8	26.1	39.1

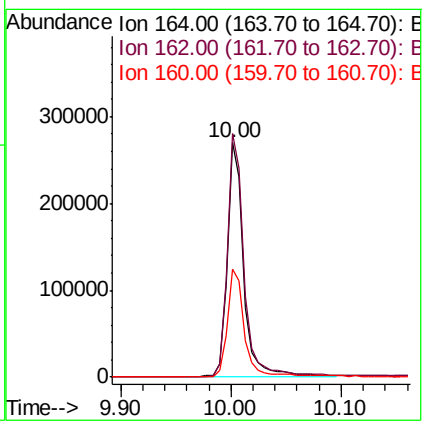


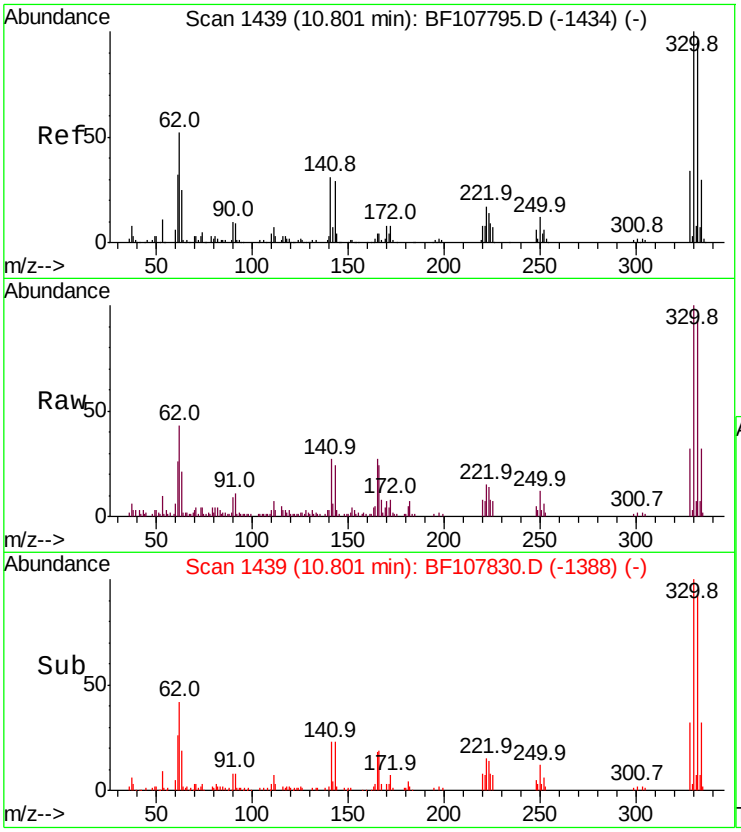


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:164 Resp: 284409

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	46.3	38.3	57.5



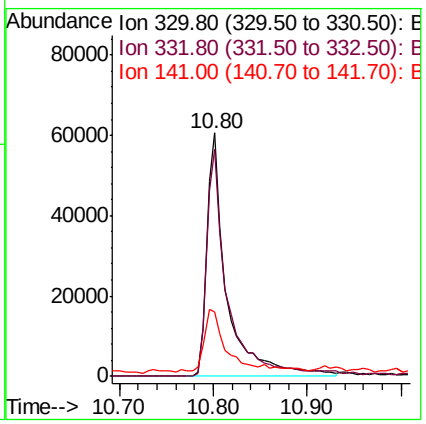


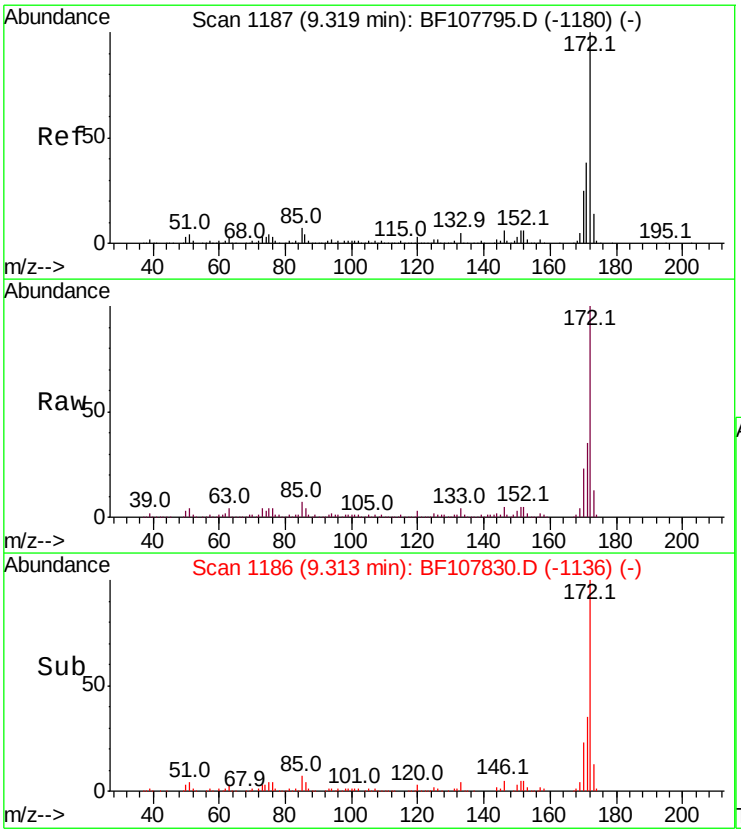
#41
2,4,6-Tribromophenol
Concen: 23.326 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 90146

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	32.4	29.9	44.9

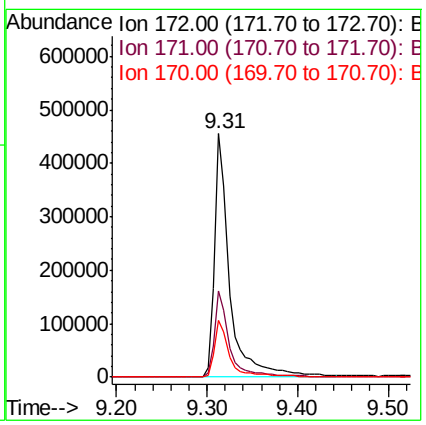


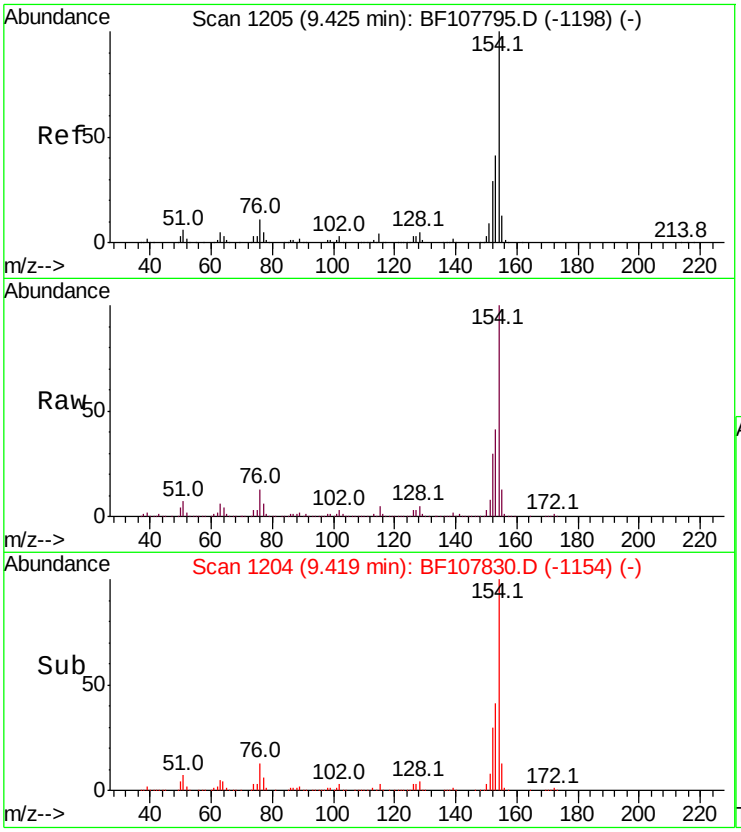


#44
2-Fluorobiphenyl
Concen: 26.048 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:172 Resp: 531630

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4

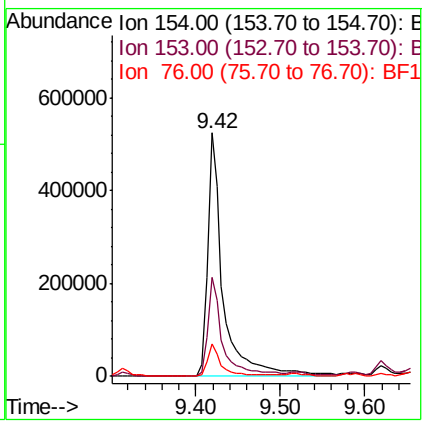




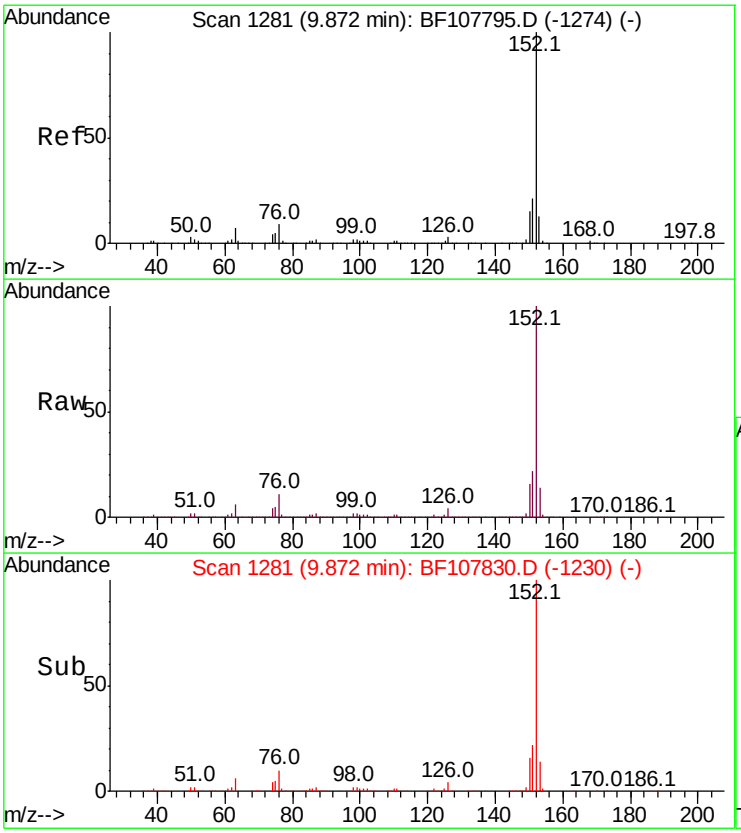
#45
1,1'-Biphenyl
Concen: 26.217 ng
RT: 9.42 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:154 Resp: 678572

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	13.1	0.0	34.0



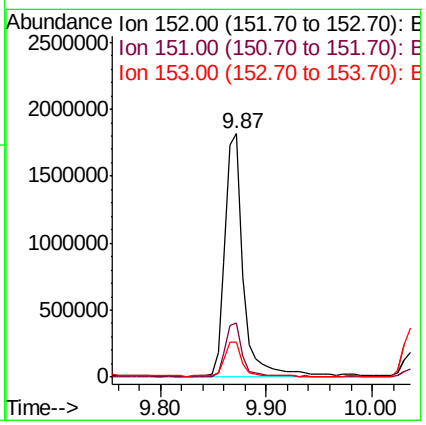
Instrument :
BNA_F
ClientSampleId :

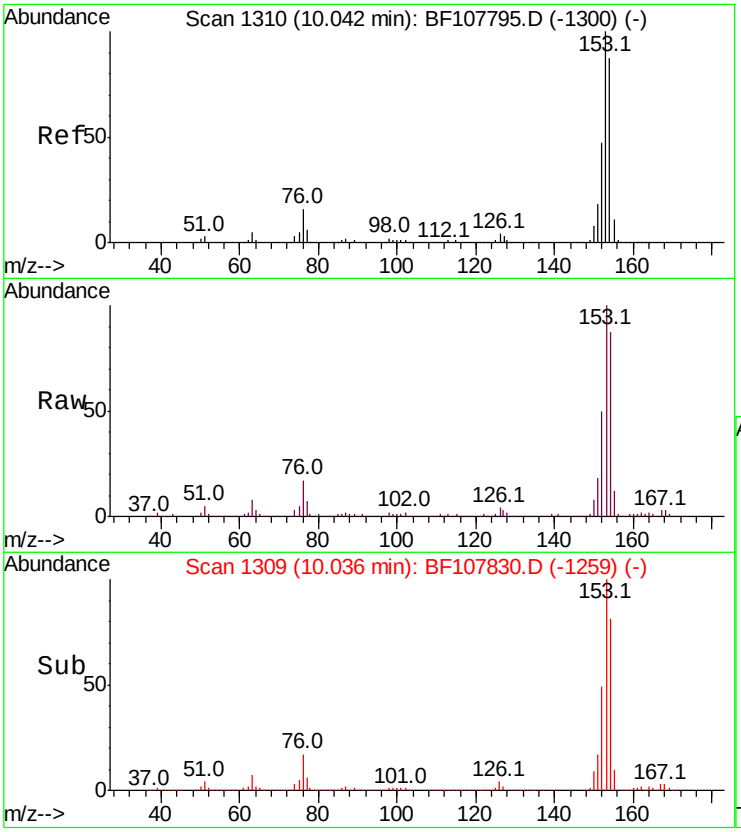


#48
Acenaphthylene
Concen: 72.755 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:152 Resp: 2201491

Ion	Ratio	Lower	Upper
152	100		
151	22.1	16.3	24.5
153	14.3	10.7	16.1



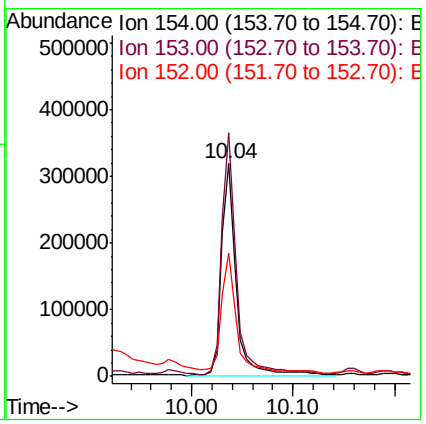


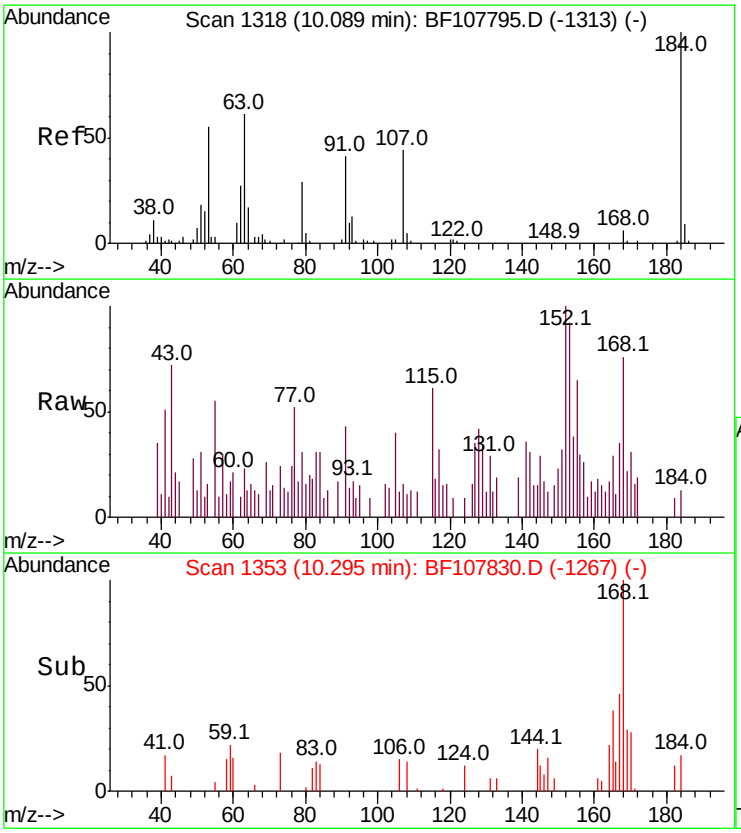
#51
Acenaphthene
Concen: 17.898 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 314594

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.2	136.8
152	57.8	43.8	65.8

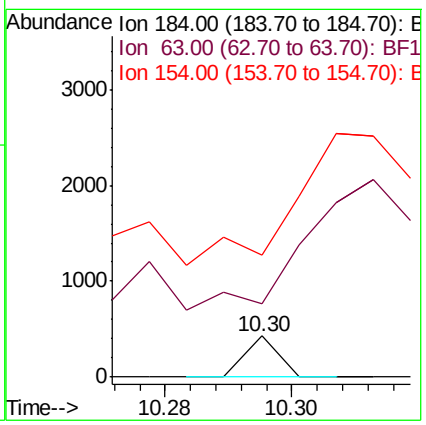


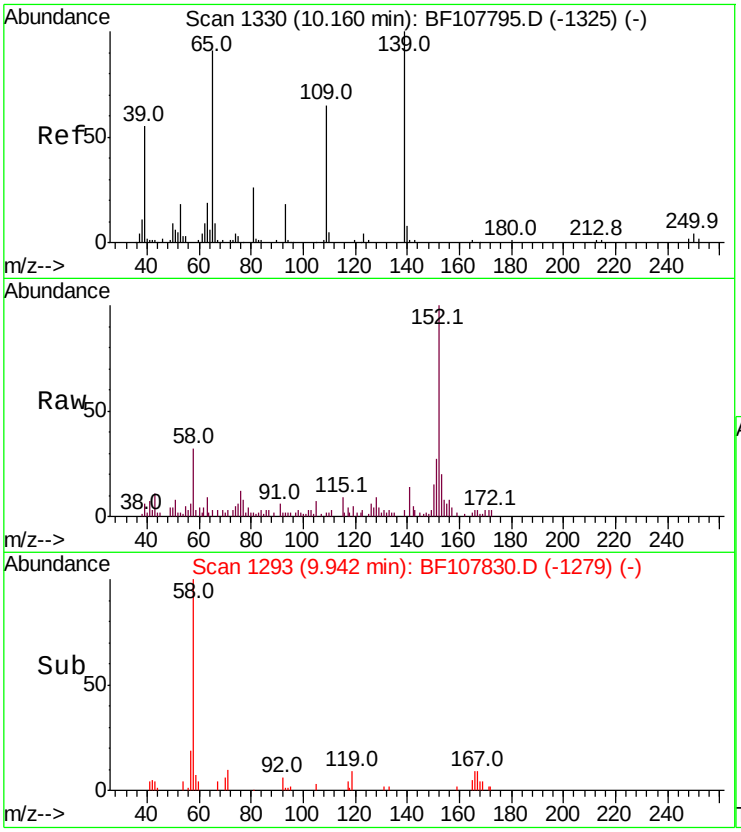


#53
2,4-Dinitrophenol
Concen: 8.496 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.21 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:184 Resp: 151

Ion	Ratio	Lower	Upper
184	100		
63	177.9	54.2	81.2#
154	297.7	184.0	276.0#



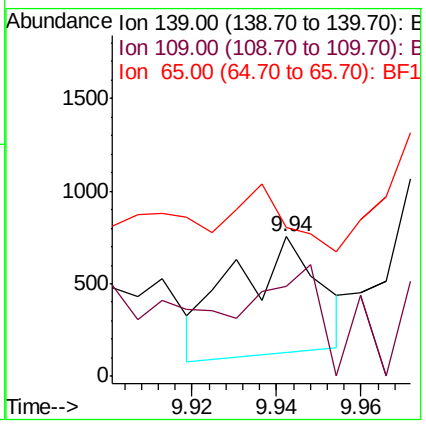


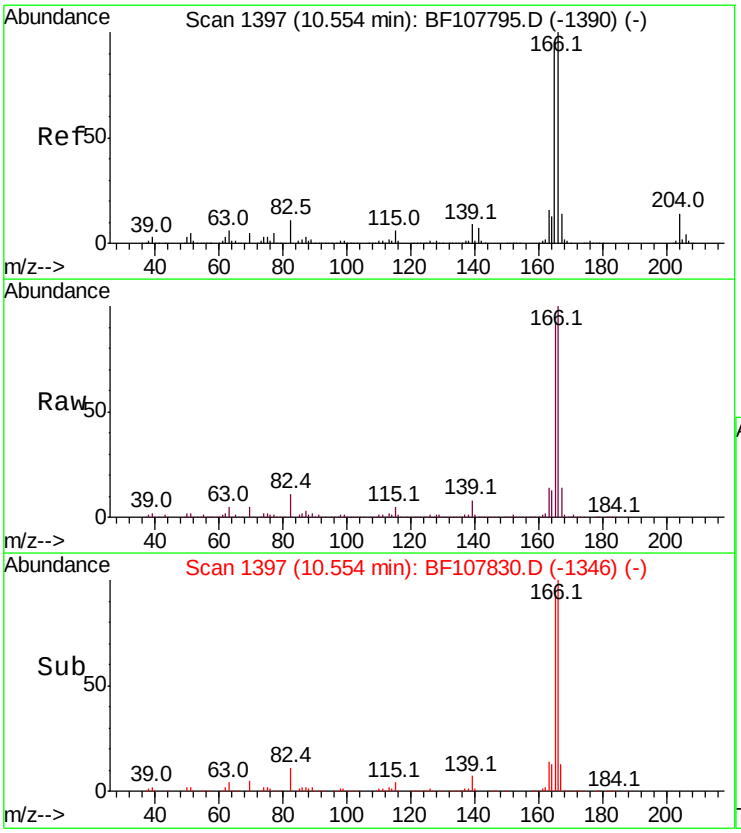
#55
4-Nitrophenol
Concen: 9.601 ng
RT: 9.94 min Scan# 1293
Delta R.T. -0.22 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 898

Ion	Ratio	Lower	Upper
139	100		
109	64.5	48.4	88.4
65	106.6	72.6	112.6

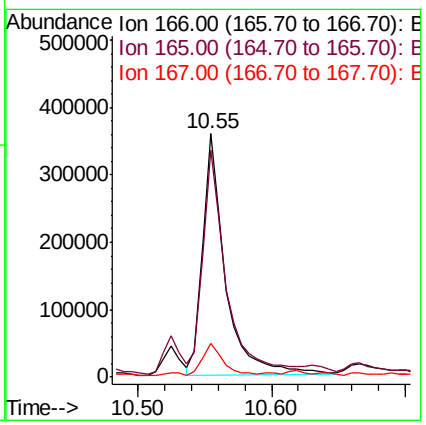


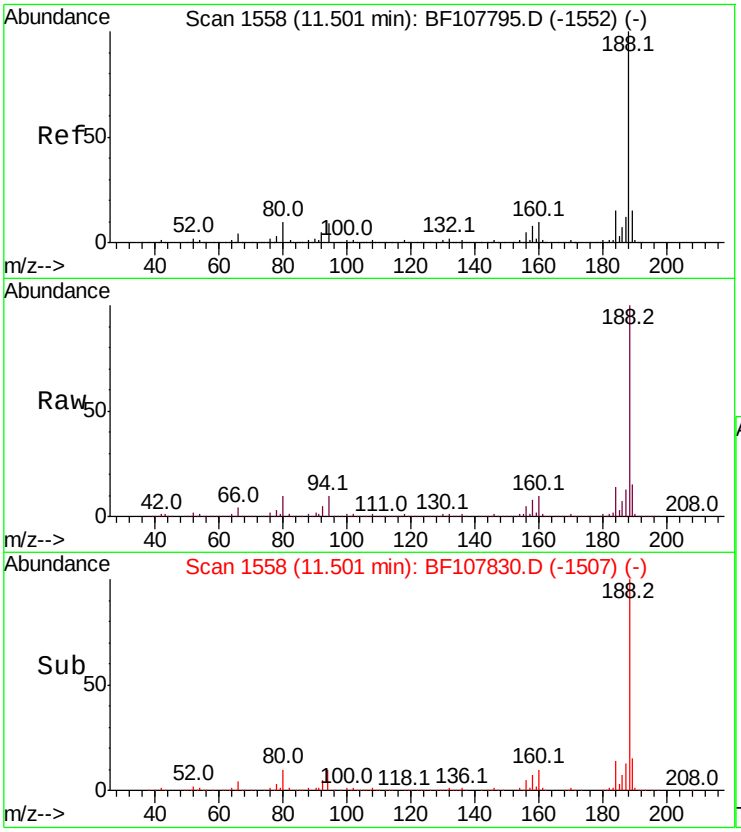


#57
Fluorene
Concen: 20.305 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:166 Resp: 428716

Ion	Ratio	Lower	Upper
166	100		
165	93.0	79.8	119.8
167	13.7	10.6	16.0



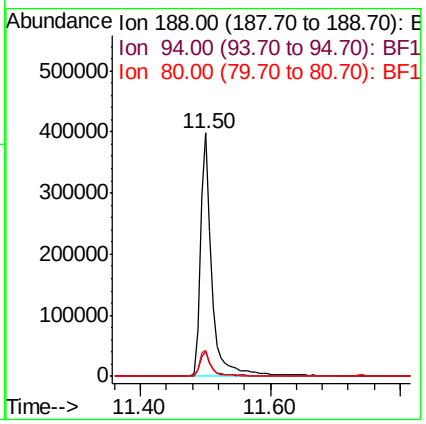


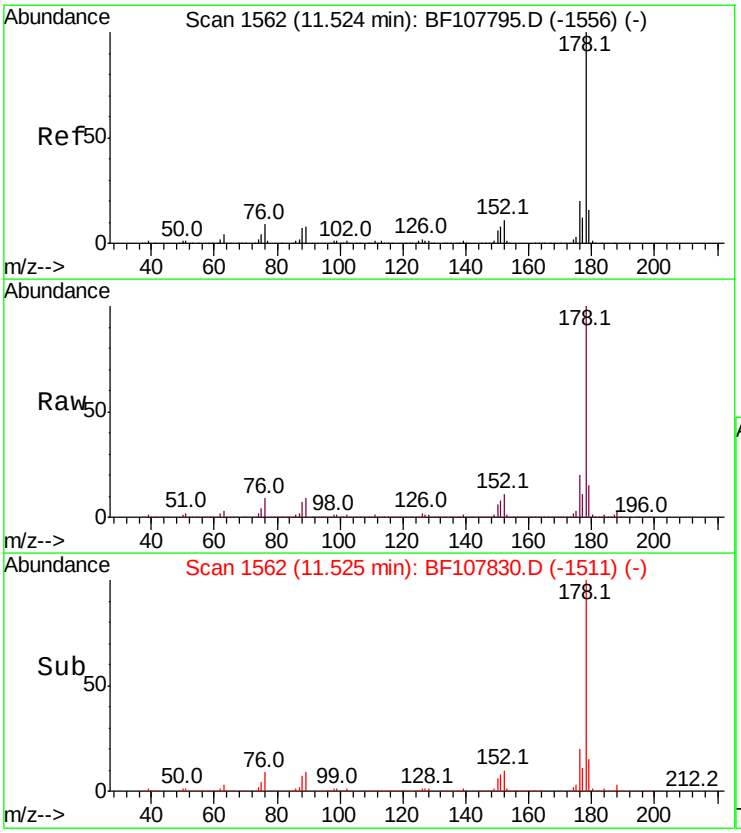
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 480724

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

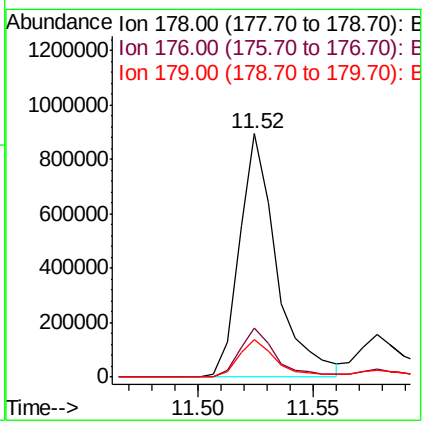


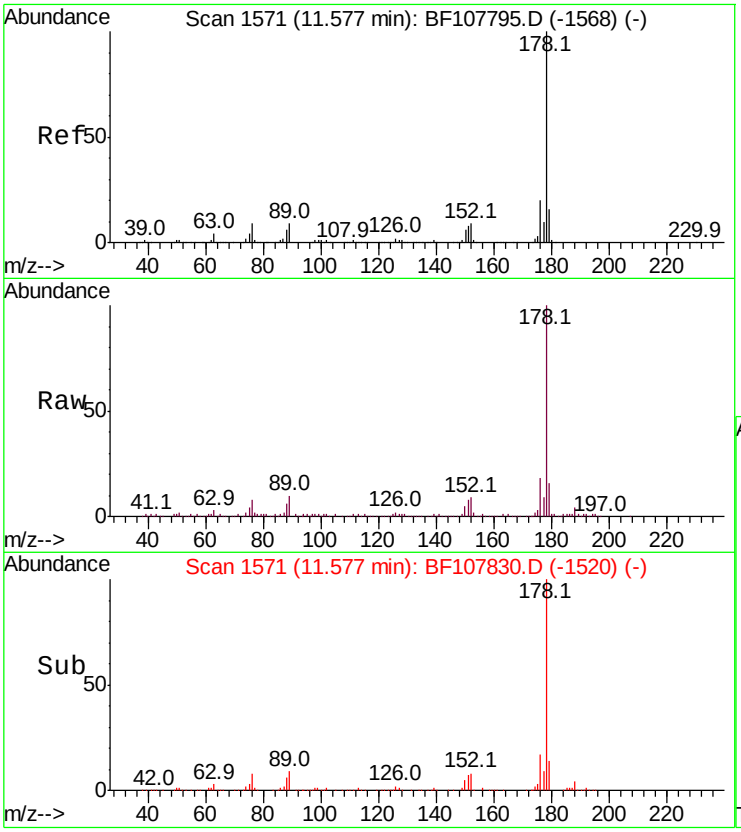


#70
Phenanthrene
Concen: 44.045 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:178 Resp: 1005384

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6



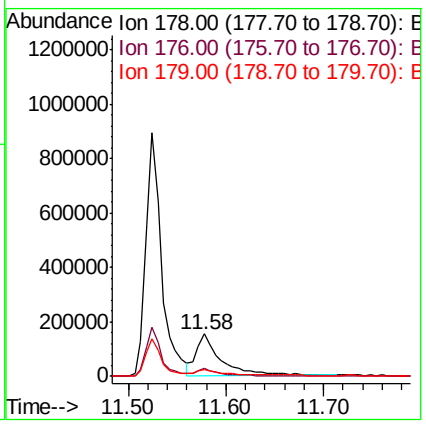


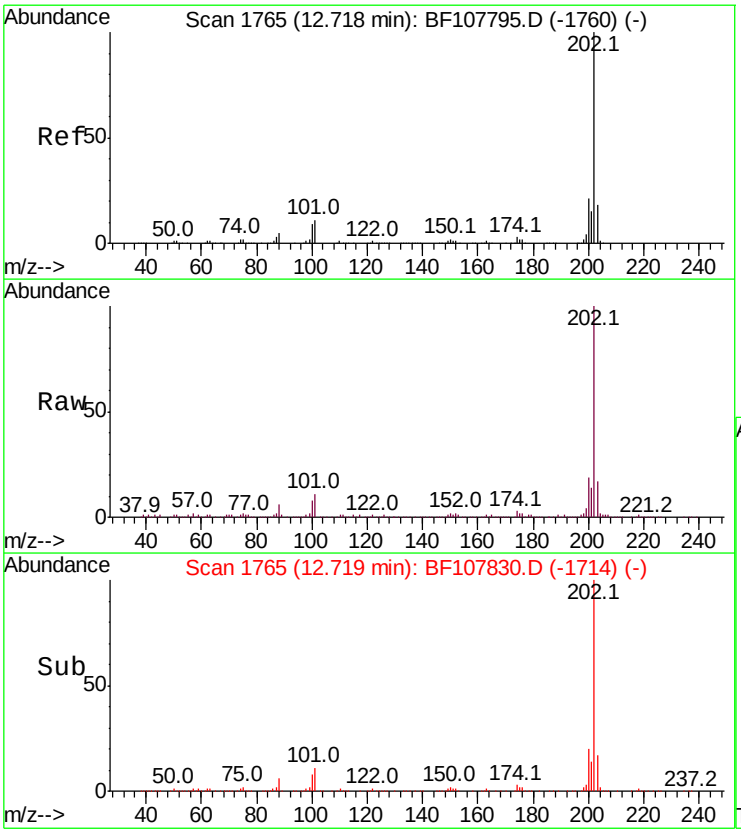
#71
Anthracene
Concen: 10.404 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 273910

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	16.4	12.6	19.0

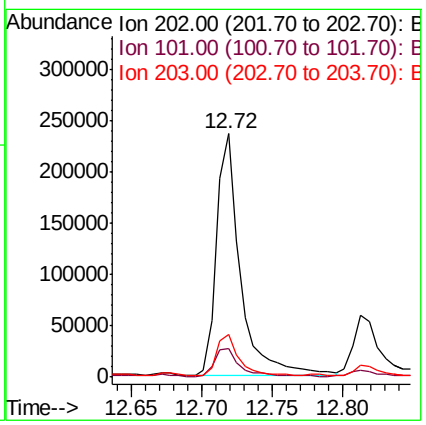


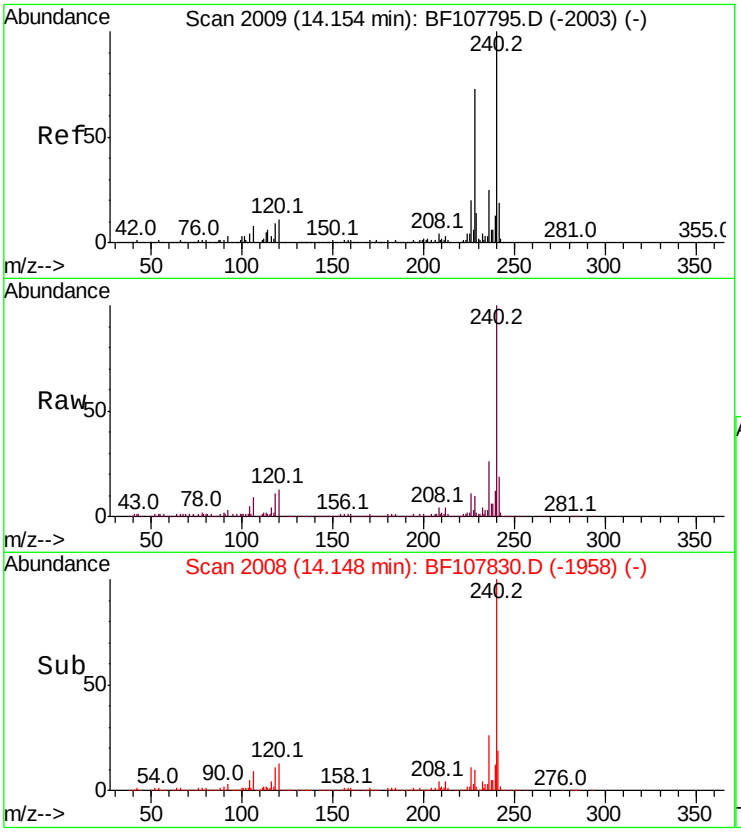


#74
Fluoranthene
Concen: 10.476 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:202 Resp: 280921

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



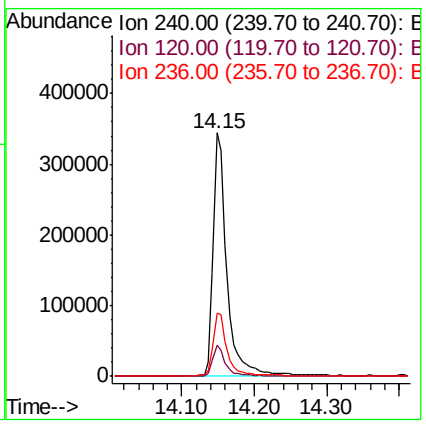


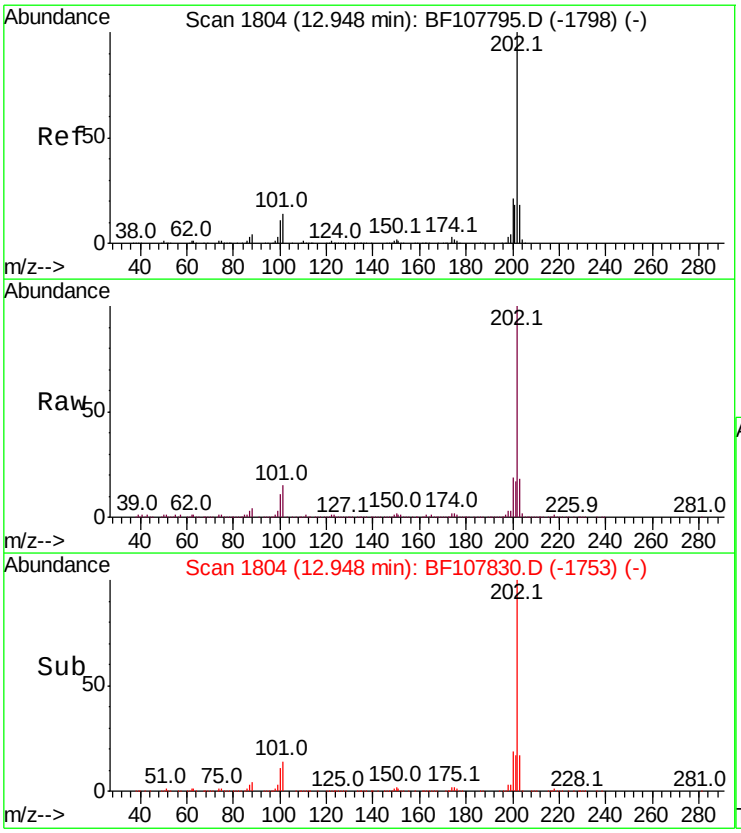
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 459422

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.9	20.7	31.1

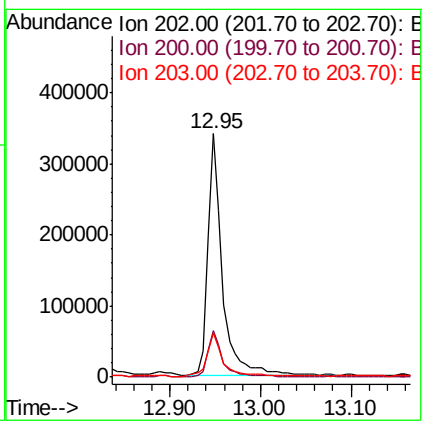


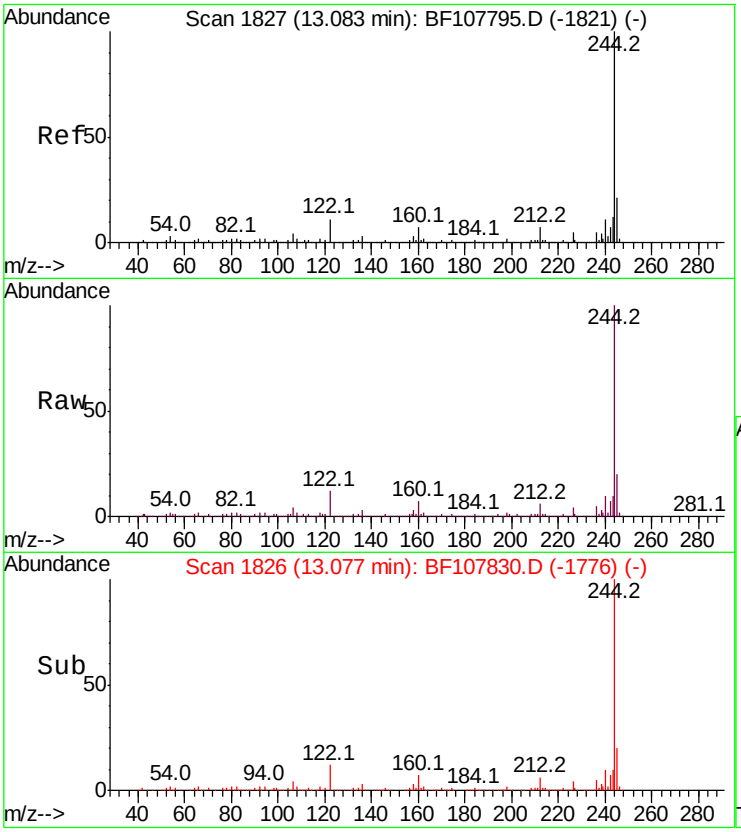


#77
Pyrene
Concen: 11.526 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:202 Resp: 381316

Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.4	26.2
203	18.3	14.3	21.5



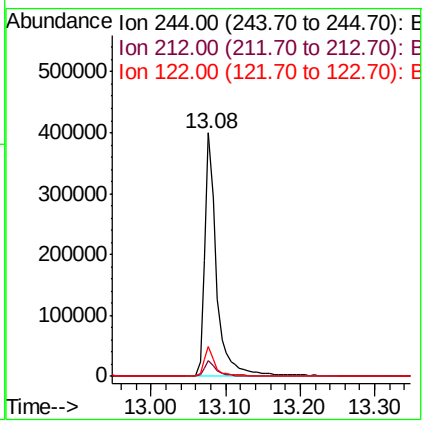


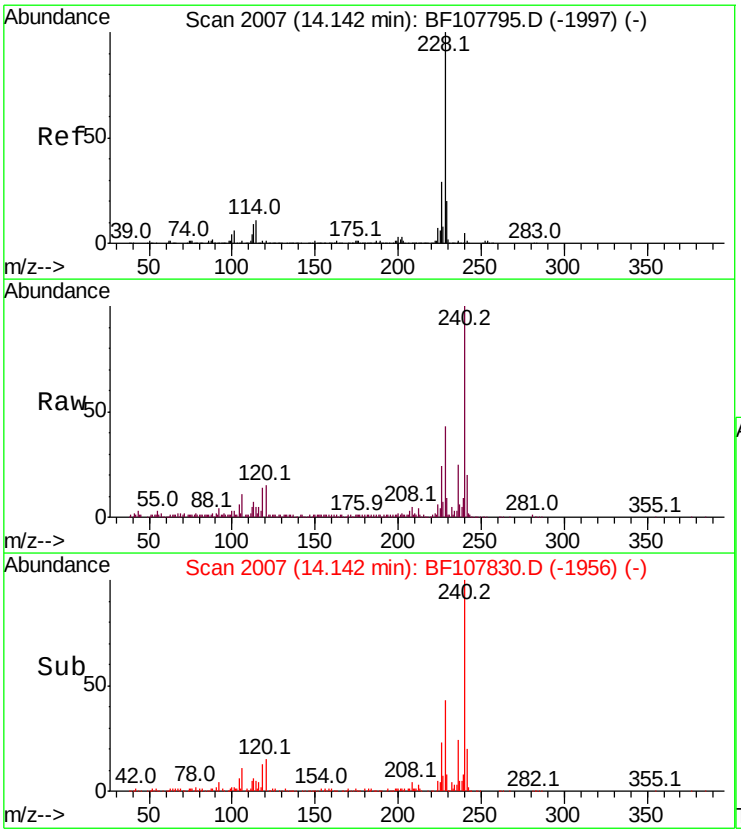
#78
Terphenyl-d14
Concen: 21.043 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 445828

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.1	11.0	16.4

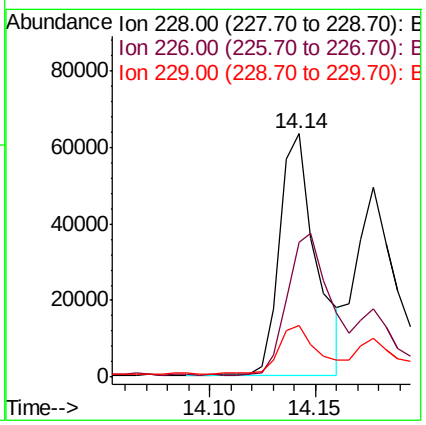


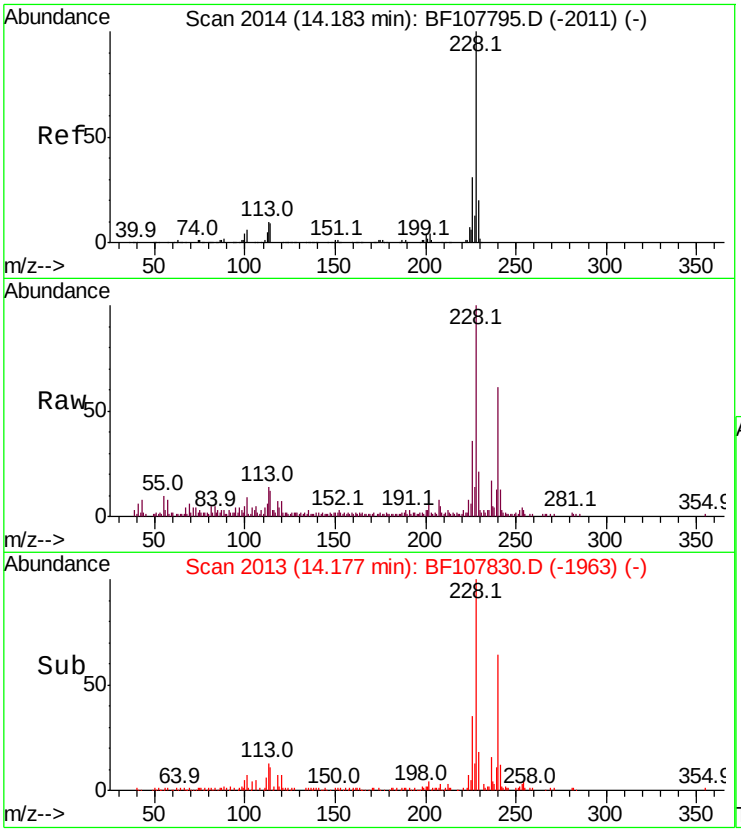


#80
Benzo(a)anthracene
Concen: 2.913 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:228 Resp: 75822

Ion	Ratio	Lower	Upper
228	100		
226	55.2	22.6	33.8#
229	21.3	15.8	23.6



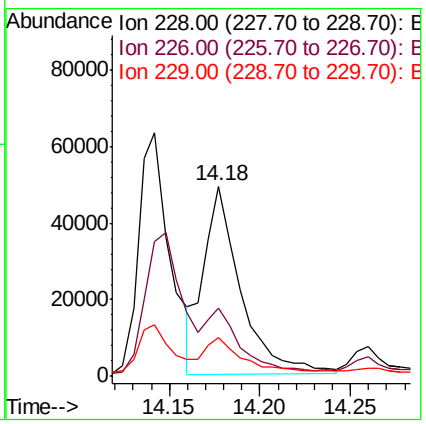


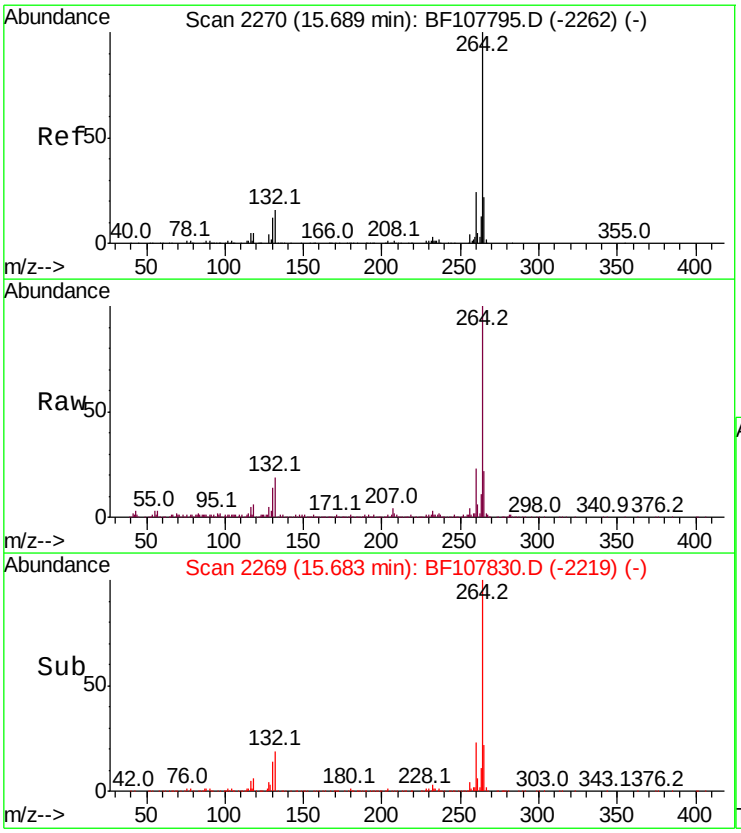
#82
Chrysene
Concen: 2.495 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 70049

Ion	Ratio	Lower	Upper
228	100		
226	36.1	25.0	37.6
229	20.7	16.2	24.4

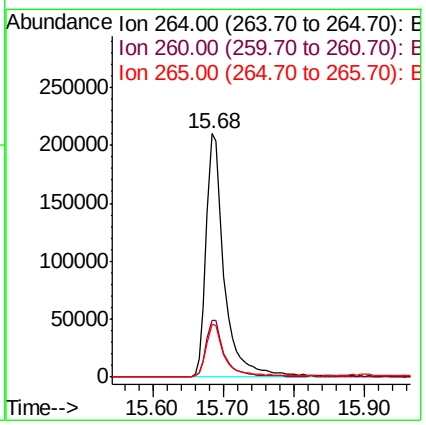


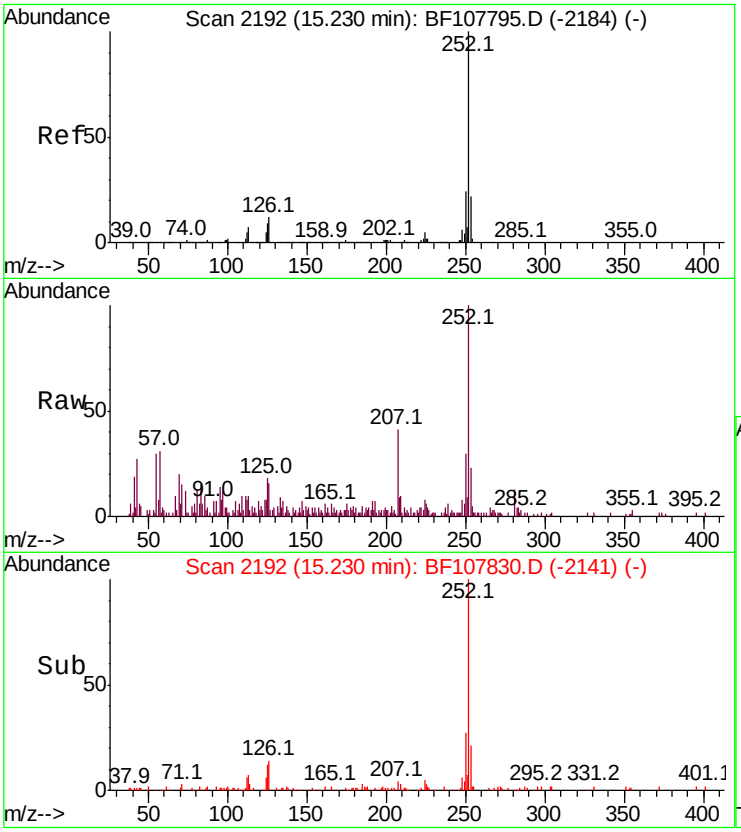


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:264 Resp: 380556

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.8	17.5	26.3



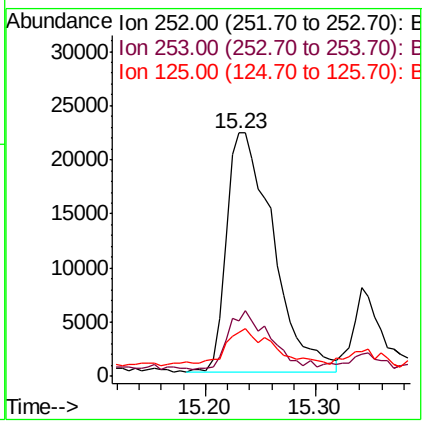


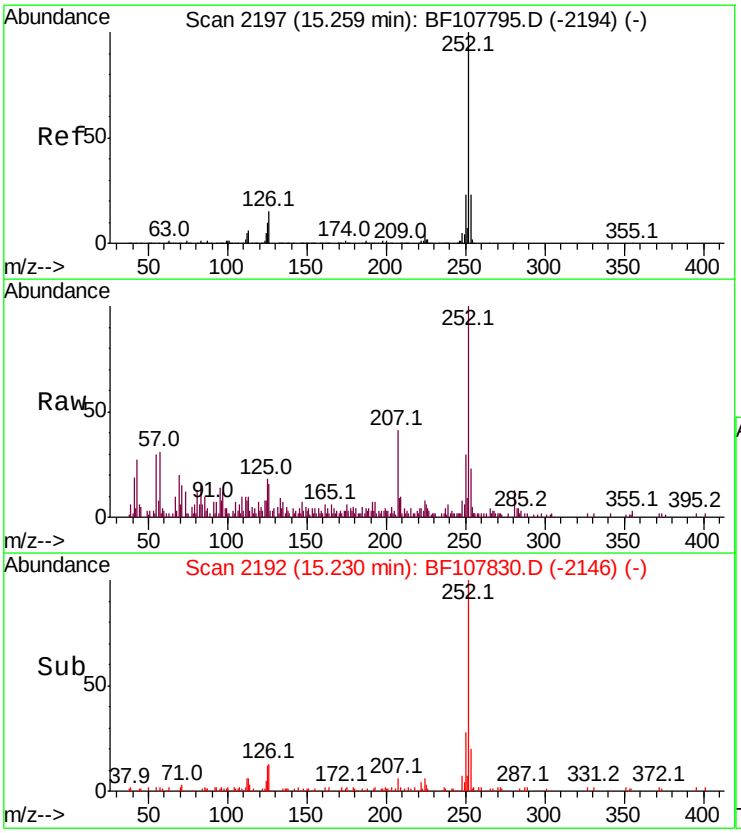
#87
Benzo(b)fluoranthene
Concen: 3.476 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 65232

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	17.8	9.0	13.6#

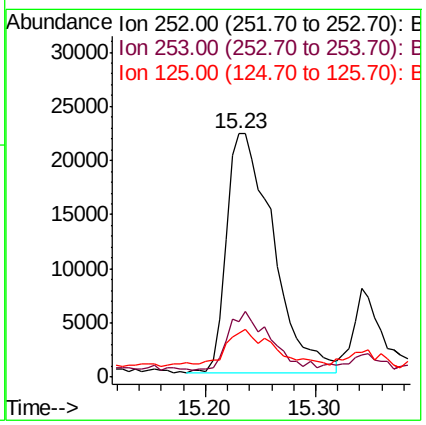


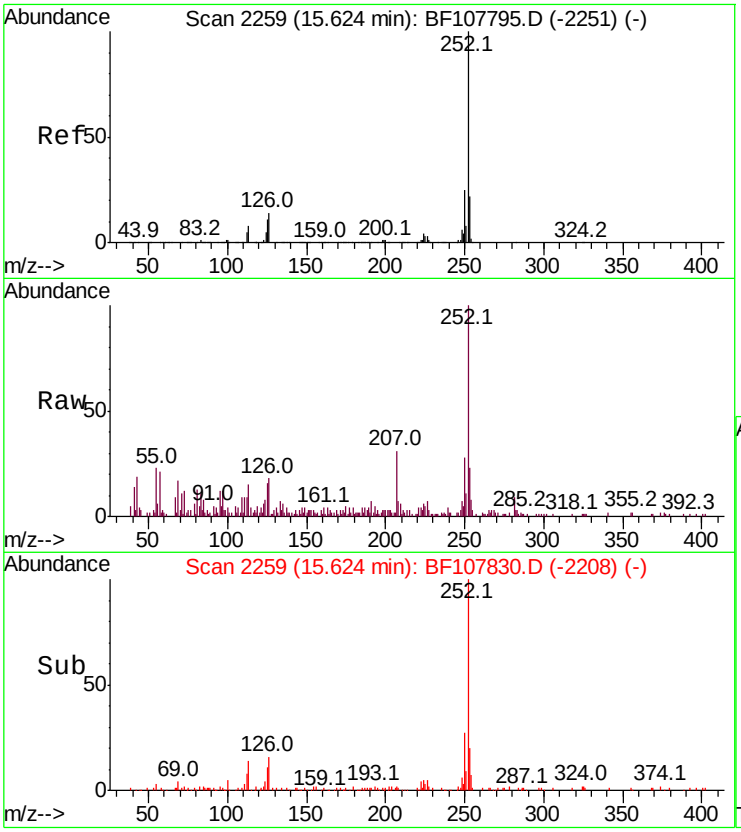


#88
Benzo(k)fluoranthene
Concen: 2.831 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Tgt Ion:252 Resp: 65232

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	17.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.853 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107830.D
Acq: 31 Jul 2018 5:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55282

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	15.9	9.8	14.6#