Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108735.D
Acq On : 4 Sep 2018 12:47
Operator : JU/SJ
Sample : J4712-10RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 14:33:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	103594	20.00	ng		-0.02
21) Naphthalene-d8	8.27	136	412988	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	188706	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	325470	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	284183	20.00	ng		-0.02
86) Perylene-d12	15.74	264	285441	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	635825	106.62	ng		-0.02
7) Phenol-d6	6.62	99	936405	109.64	ng		-0.02
23) Nitrobenzene-d5	7.55	82	638090	78.42	ng		-0.02
41) 2,4,6-Tribromophenol	10.83	330	173994	69.84	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	1110116	79.10	ng		-0.02
78) Terphenyl-d14	13.11	244	866610	59.25	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	77516	13.553	ng	#	82
25) Isophorone	7.55	82	638090	47.211	ng	#	64
49) Dimethylphthalate	9.74	163	175149	11.787	ng	#	99
55) 4-Nitrophenol	10.22	139	232	4.856	ng	#	18
56) 2,4-Dinitrotoluene	10.03	165	24646	5.683	ng	#	24
66) 4-Bromophenyl-phenylether	10.83	248	10330	2.582	ng	#	1
74) Fluoranthene	12.75	202	63204	3.418	ng		98
77) Pyrene	12.98	202	71812	3.362	ng		99
82) Chrysene	14.21	228	34089	2.046	ng		95
87) Benzo(b)fluoranthene	15.28	252	63413	3.616	ng	#	79
88) Benzo(k)fluoranthene	15.28	252	63413	3.651	ng	#	82
89) Benzo(a)pyrene	15.68	252	32844	2.073	ng	#	87

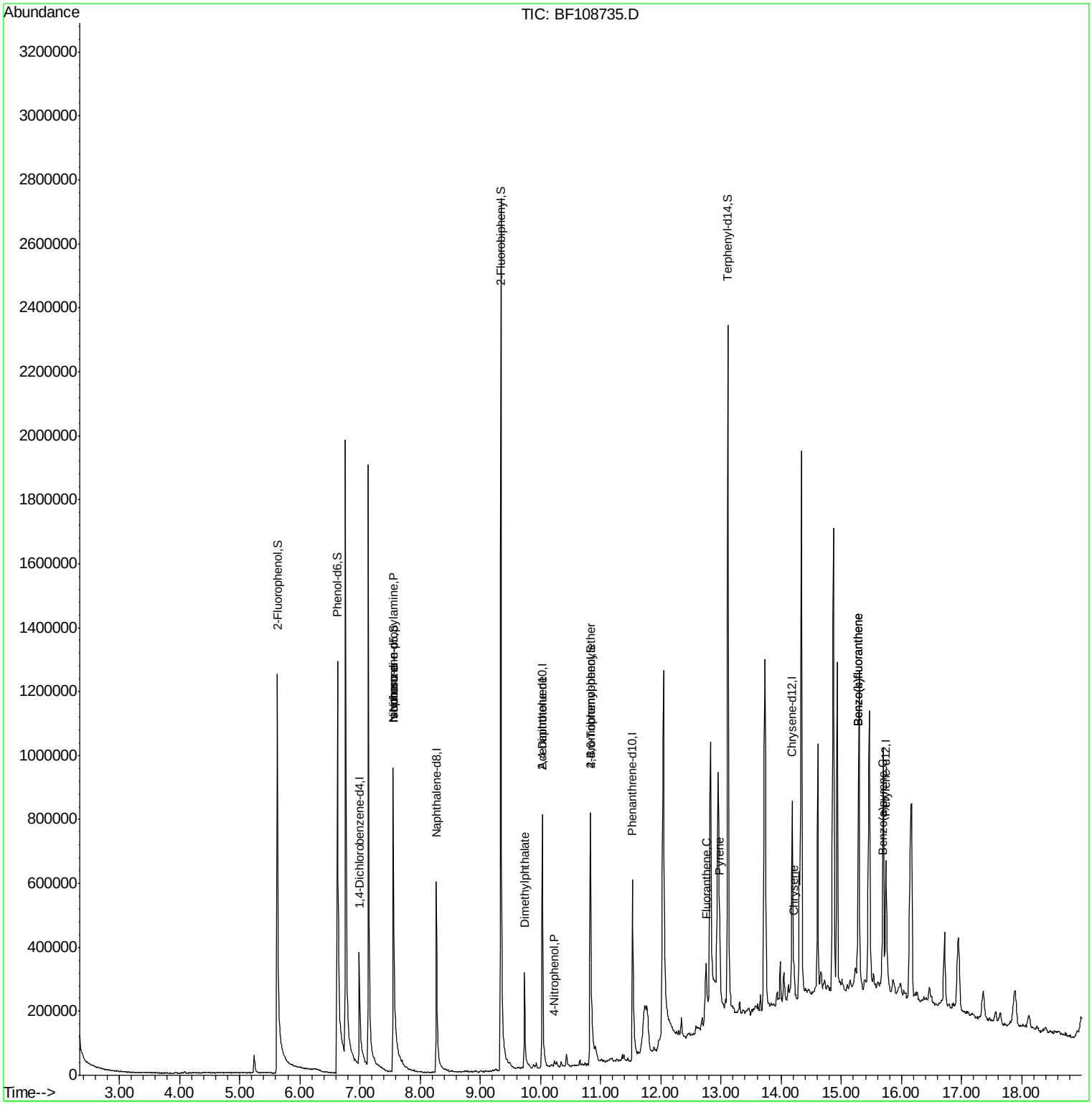
(#) = qualifier out of range (m) = manual integration (+) = signals summed

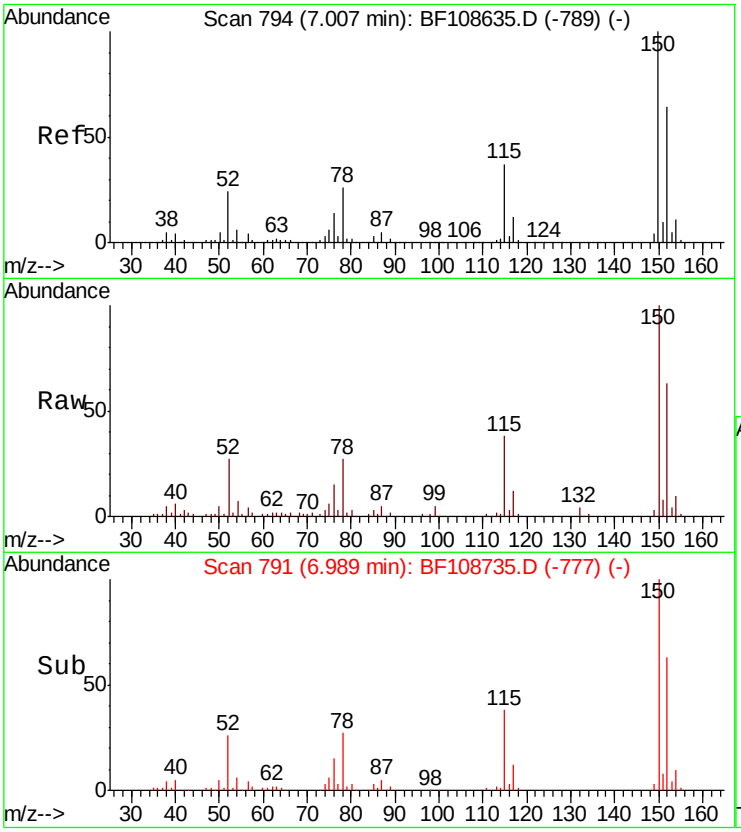
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108735.D
Acq On : 4 Sep 2018 12:47
Operator : JU/SJ
Sample : J4712-10RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 04 14:33:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration



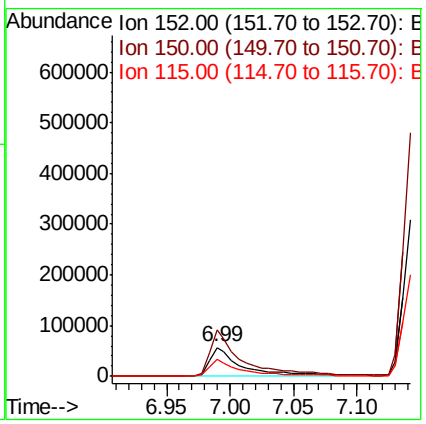


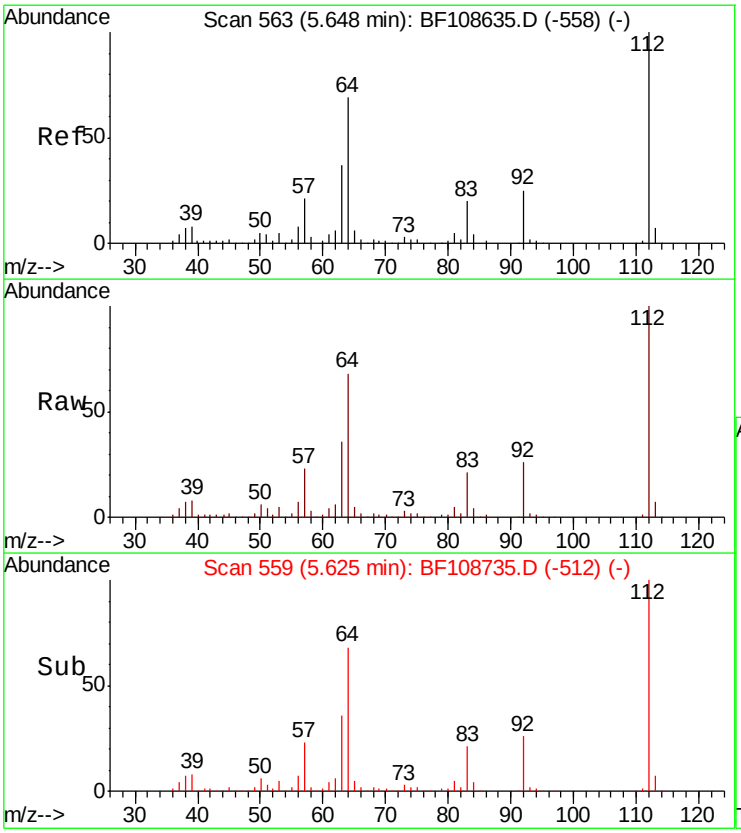
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 103594

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	60.6	50.1	75.1

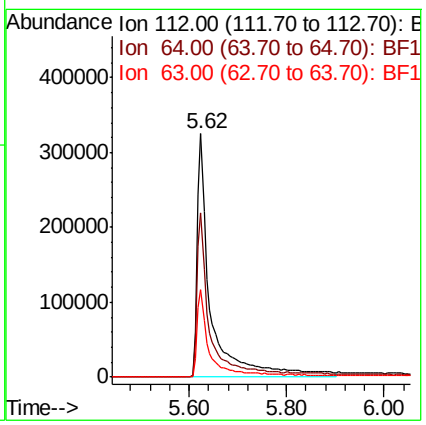


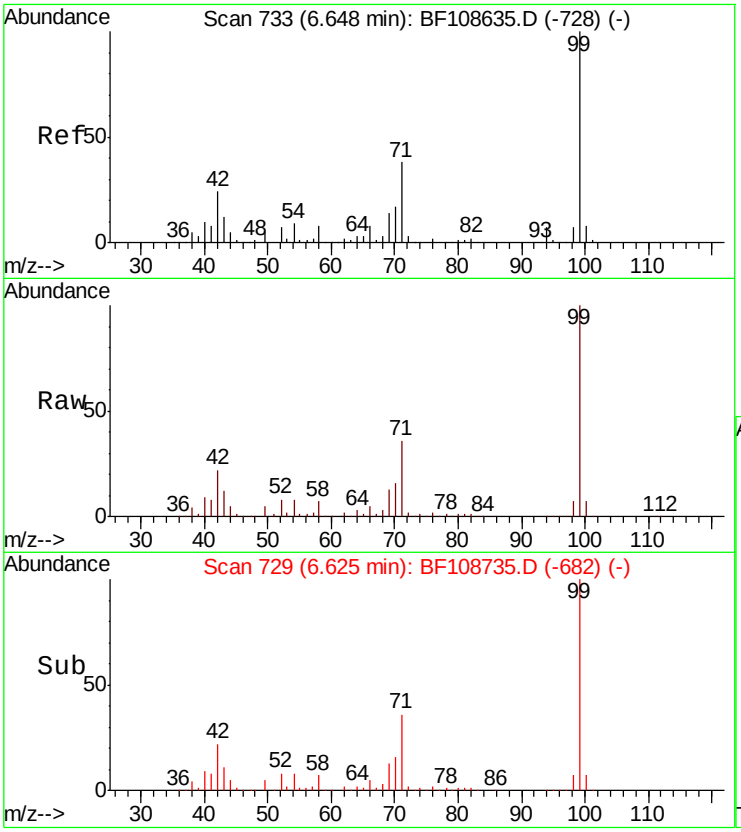


#5
2-Fluorophenol
Concen: 106.624 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:112 Resp: 635825

Ion	Ratio	Lower	Upper
112	100		
64	67.6	47.9	71.9
63	36.2	23.7	35.5#



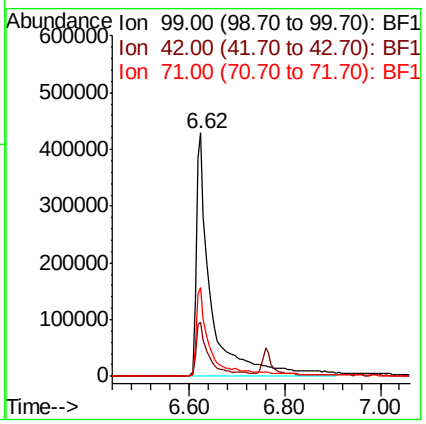


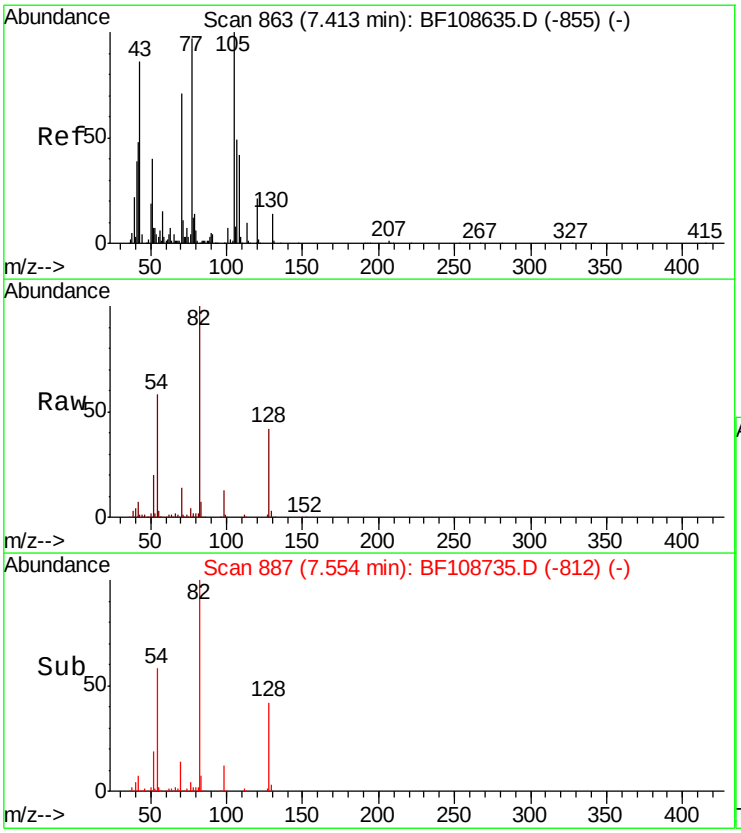
#7
Phenol-d6
Concen: 109.637 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 936405

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	36.2	25.4	38.0

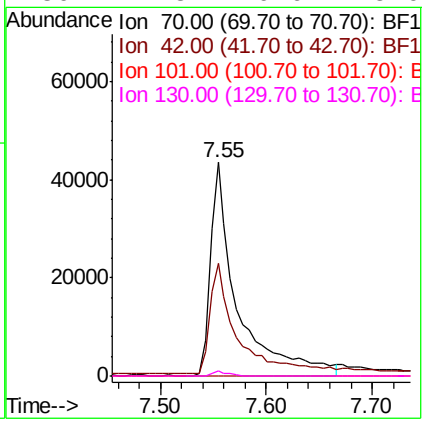


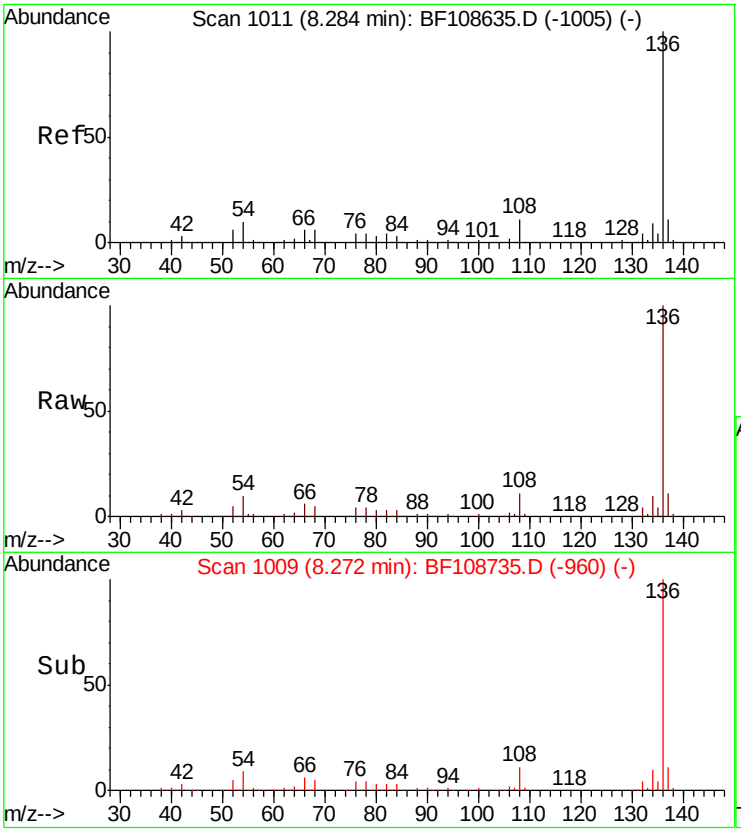


#19
n-Nitroso-di-n-propylamine
Concen: 13.553 ng
RT: 7.55 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion: 70 Resp: 77516

Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



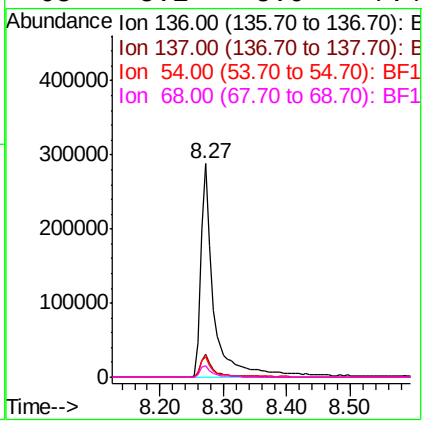


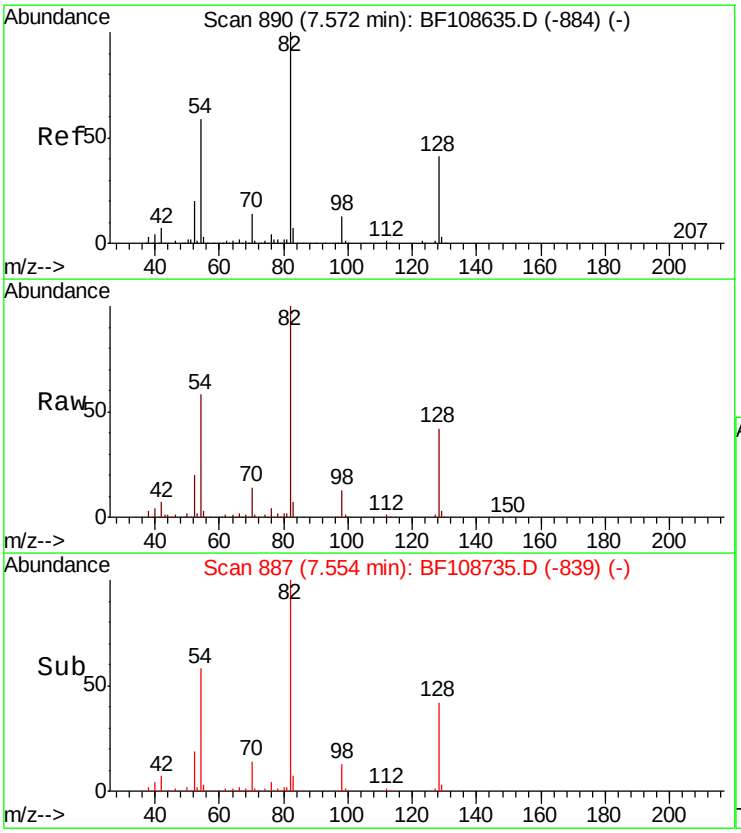
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 412988

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.5	6.6	9.8
68	5.1	5.0	7.4

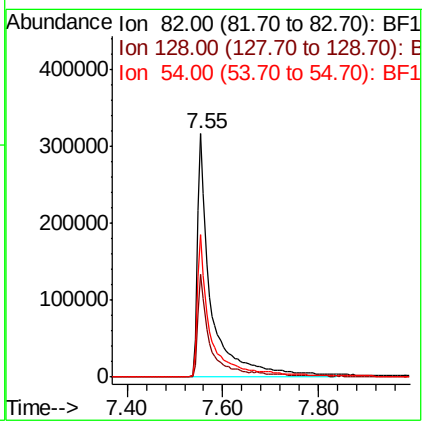


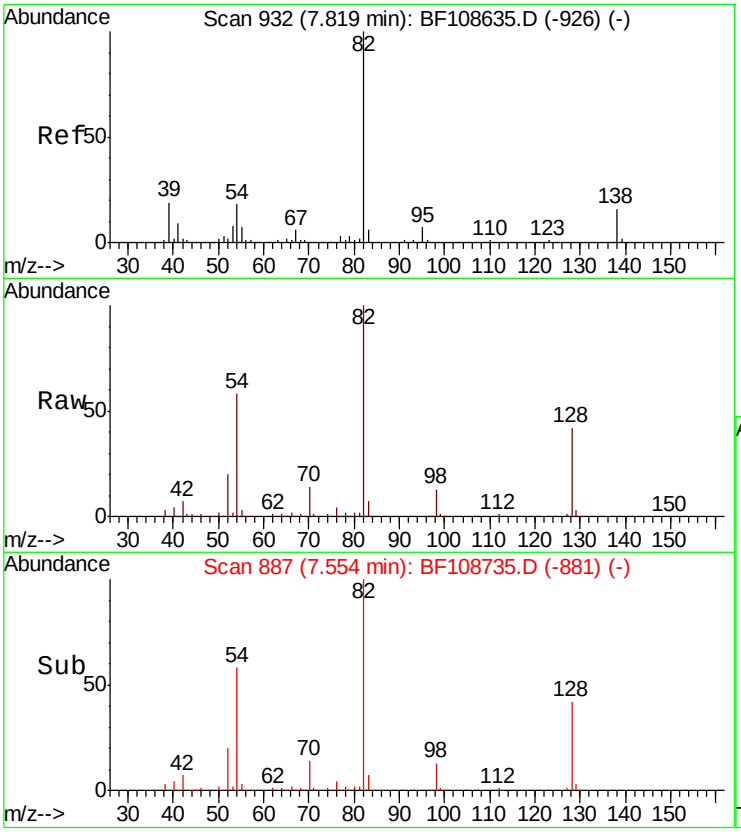


#23
Nitrobenzene-d5
Concen: 78.425 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion: 82 Resp: 638090

Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.4	41.4	62.2



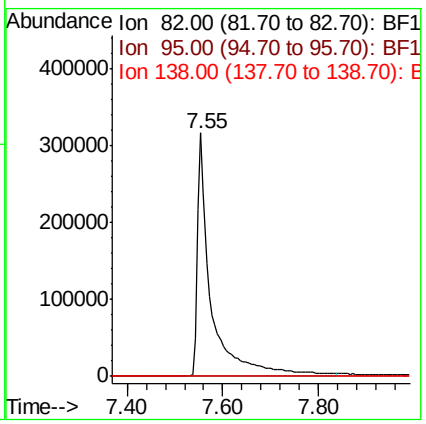


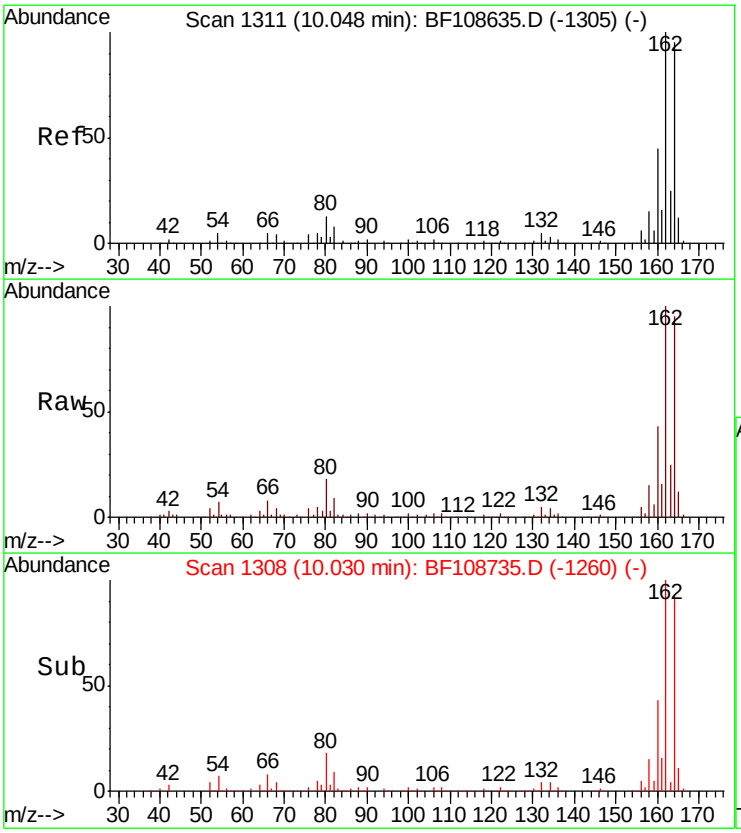
#25
Isophorone
Concen: 47.211 ng
RT: 7.55 min Scan# 887
Delta R.T. -0.26 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 638090

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

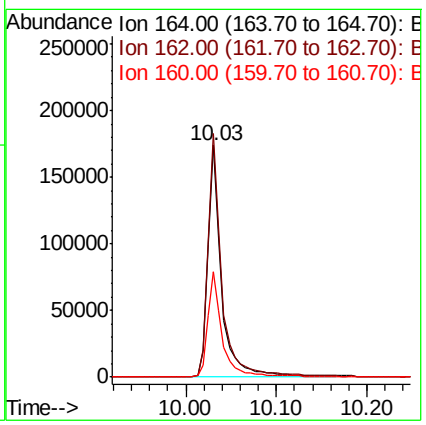


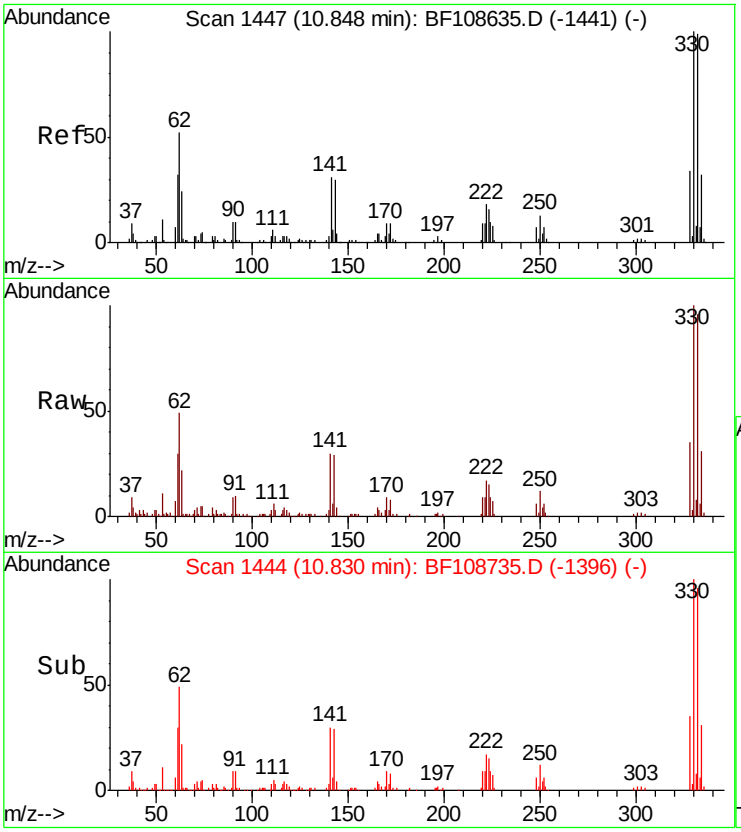


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:164 Resp: 188706

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.3	38.3	57.5



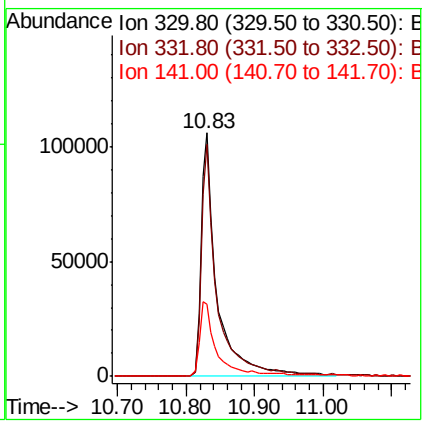


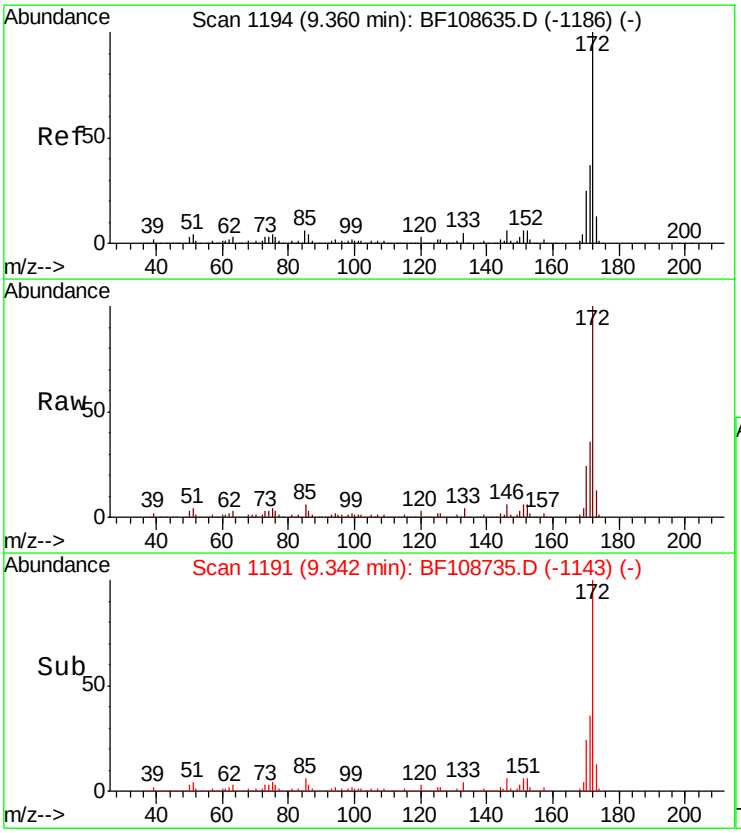
#41
2,4,6-Tribromophenol
Concen: 69.845 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 173994

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	33.7	29.9	44.9

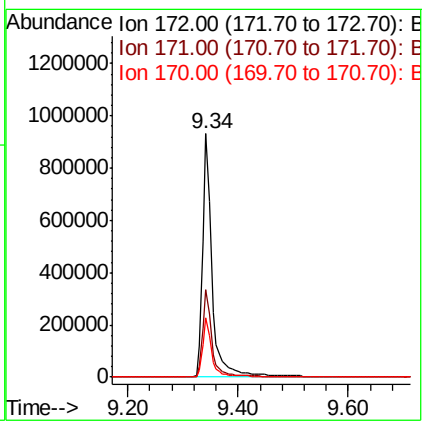


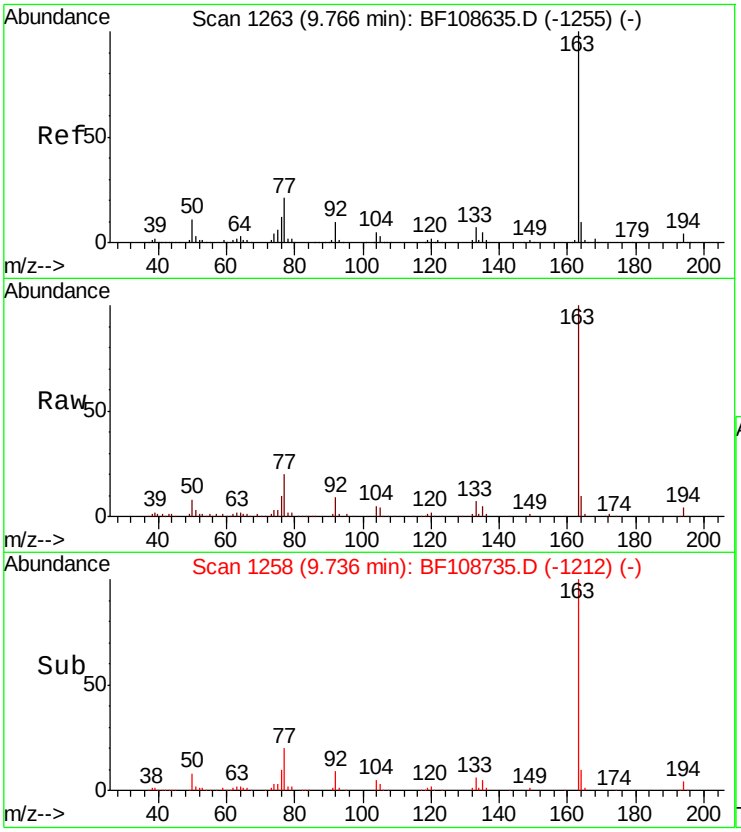


#44
2-Fluorobiphenyl
Concen: 79.098 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:172 Resp: 1110116

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4



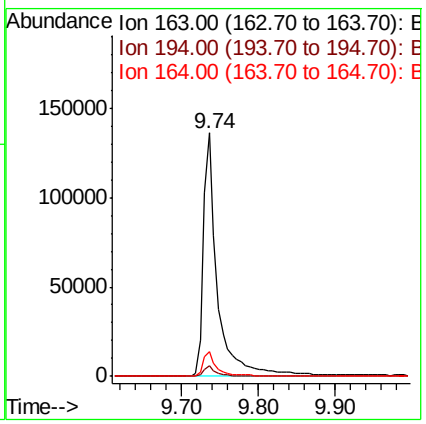


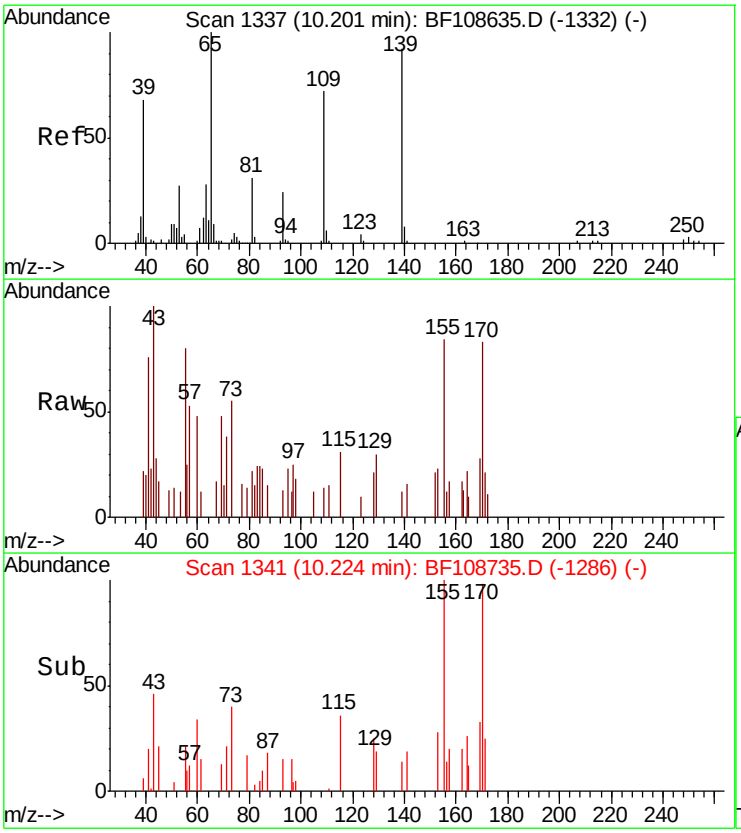
#49
Dimethylphthalate
Concen: 11.787 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 175149

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.0	8.2	12.2

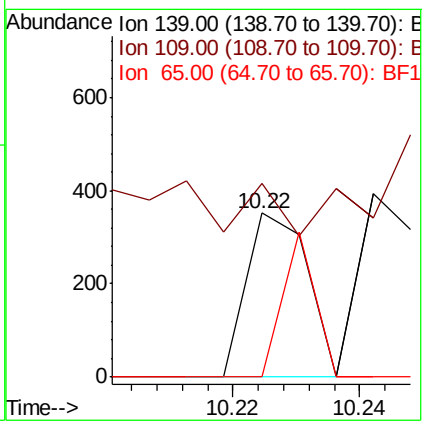


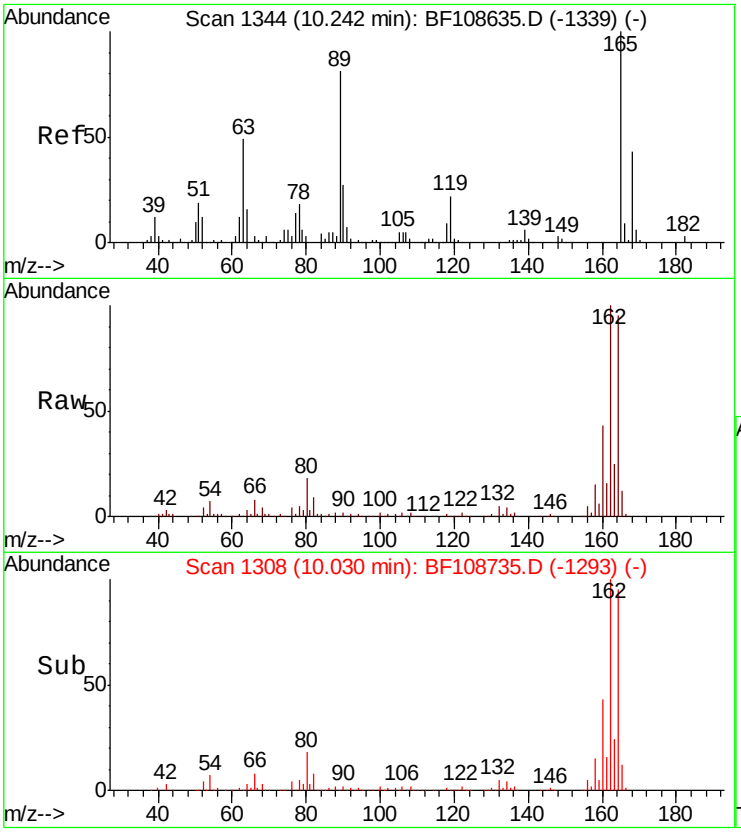


#55
4-Nitrophenol
Concen: 4.856 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:139 Resp: 232

Ion	Ratio	Lower	Upper
139	100		
109	118.5	48.4	88.4#
65	0.0	72.6	112.6#



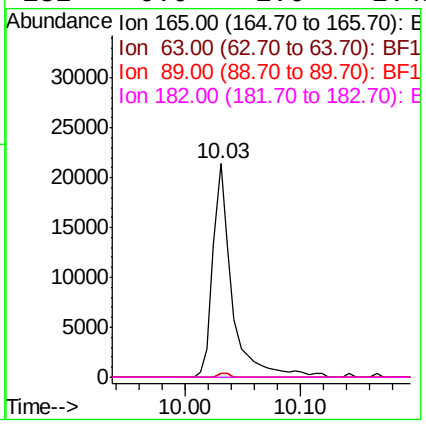


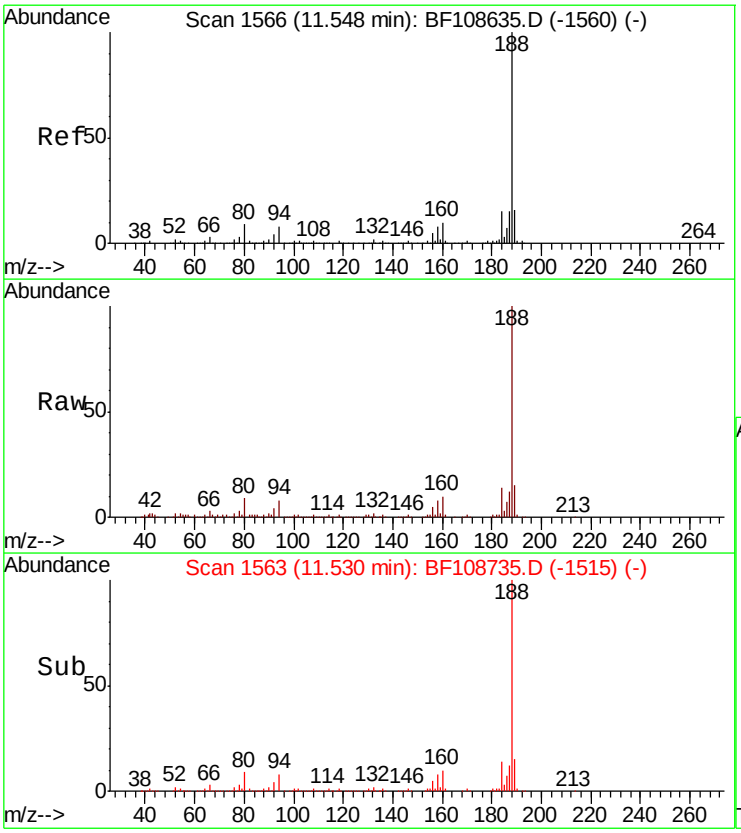
#56
2,4-Dinitrotoluene
Concen: 5.683 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24646

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

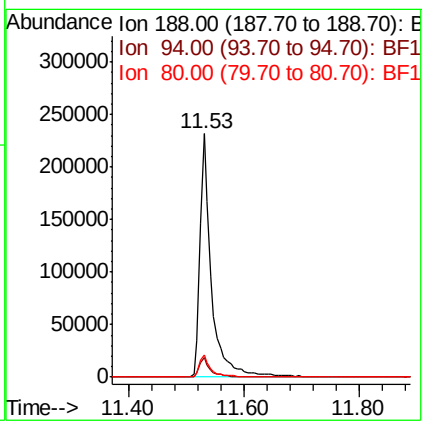


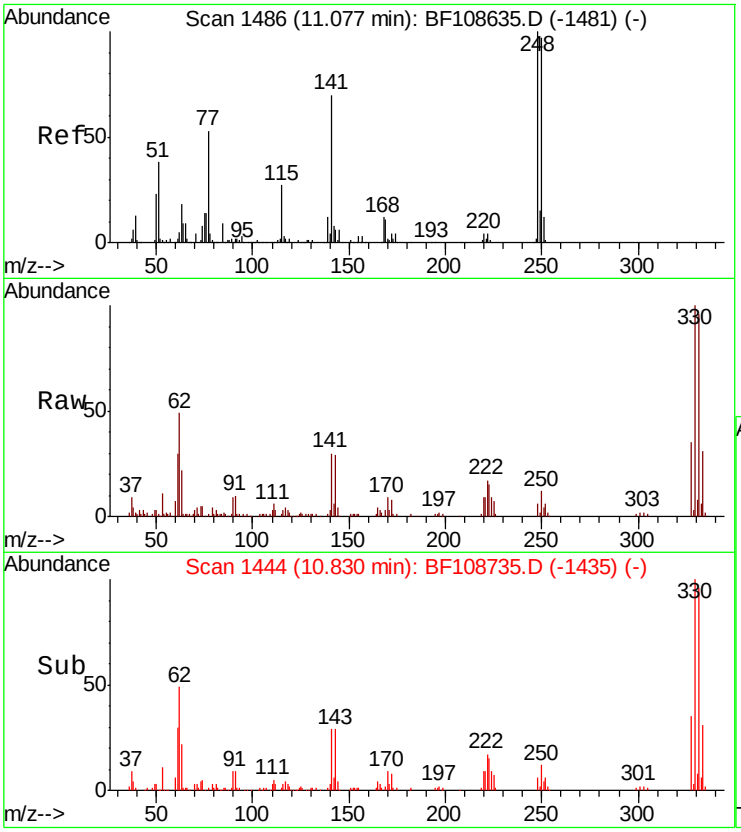


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:188 Resp: 325470

Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.9	9.2	13.8#



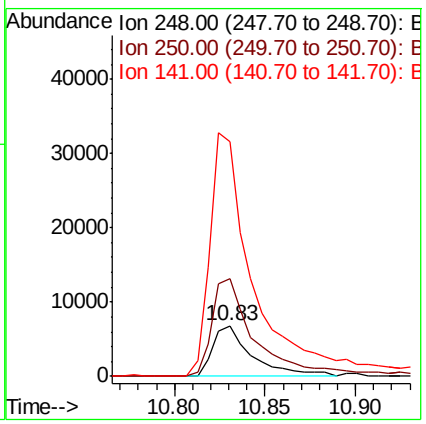


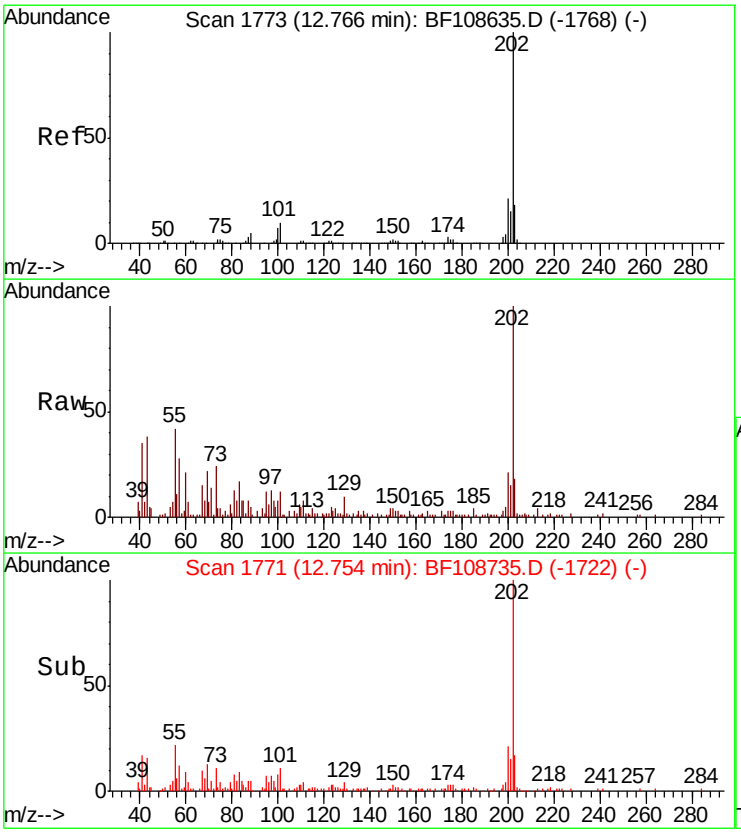
#66
4-Bromophenyl-phenylether
Concen: 2.582 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.25 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10330

Ion	Ratio	Lower	Upper
248	100		
250	193.7	76.9	115.3#
141	464.5	74.4	111.6#

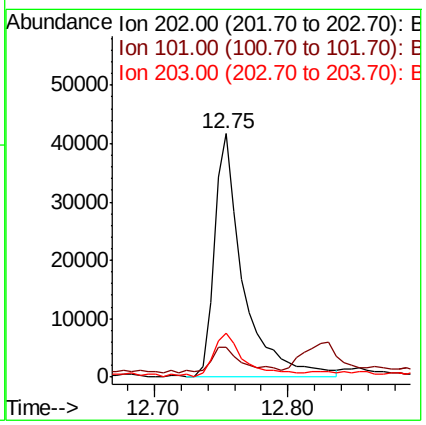


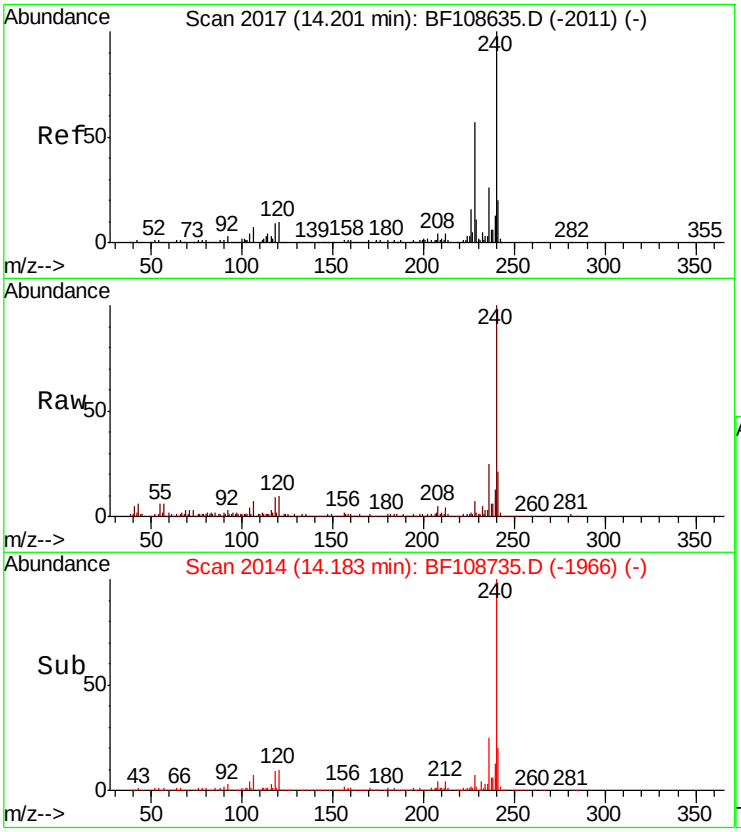


#74
Fluoranthene
Concen: 3.418 ng
RT: 12.75 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:202 Resp: 63204

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	18.0	0.0	38.1



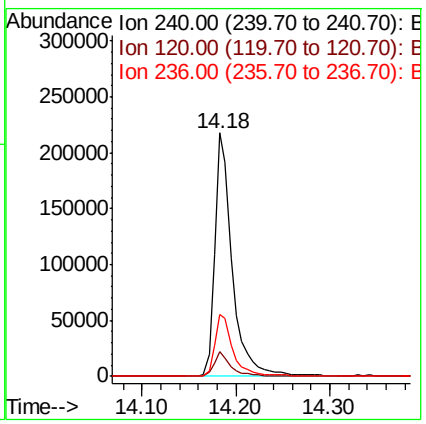


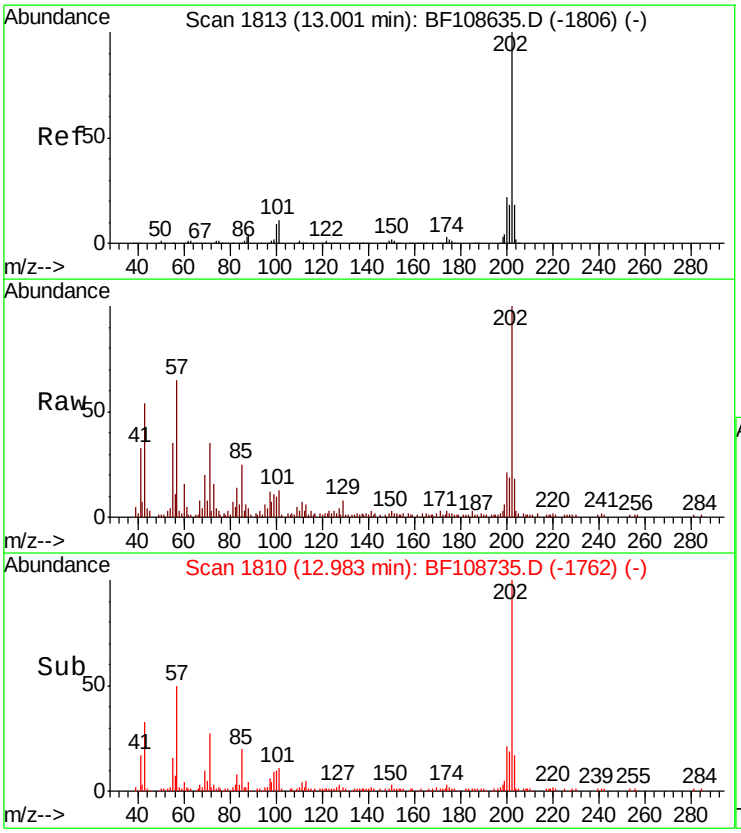
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 284183

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	25.4	20.7	31.1

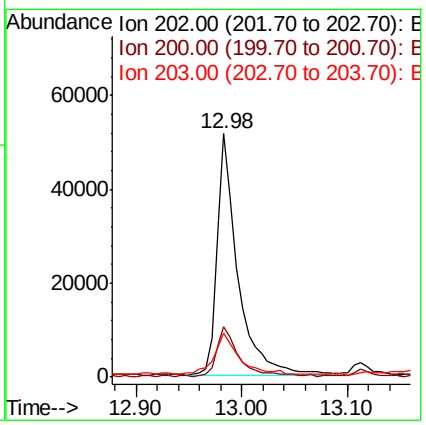


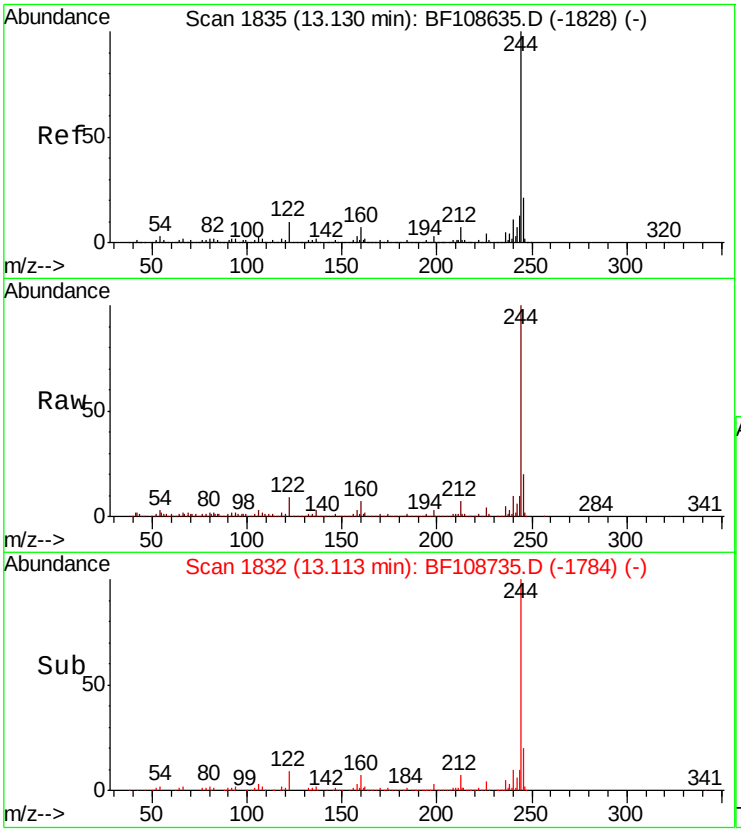


#77
Pyrene
Concen: 3.362 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:202 Resp: 71812

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.1	14.3	21.5



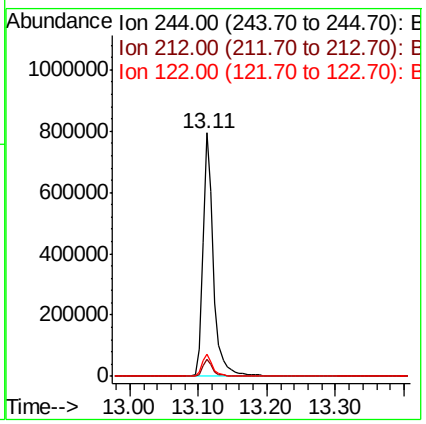


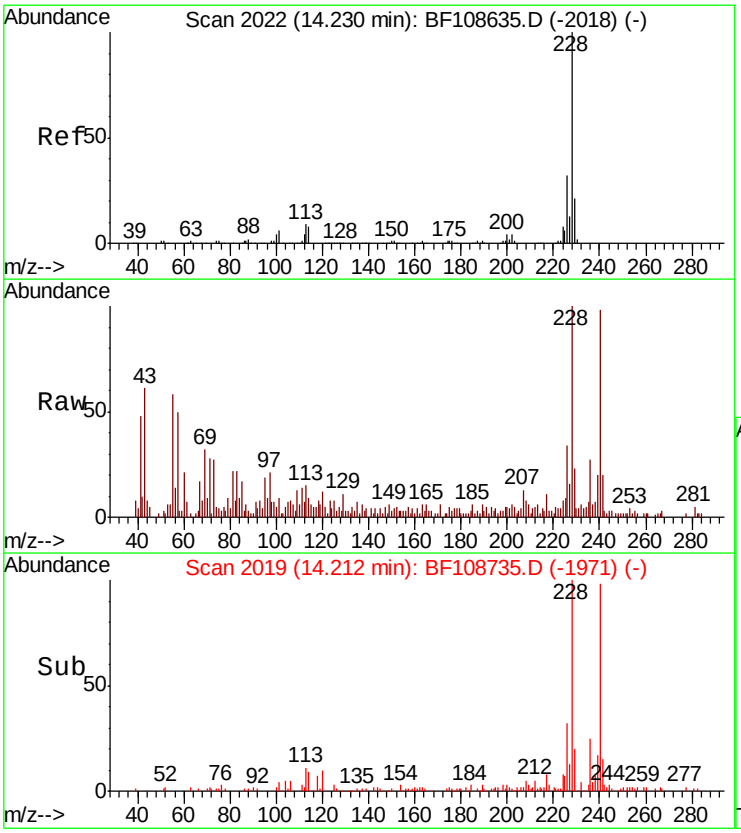
#78
Terphenyl-d14
Concen: 59.250 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 866610

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	9.0	11.0	16.4#

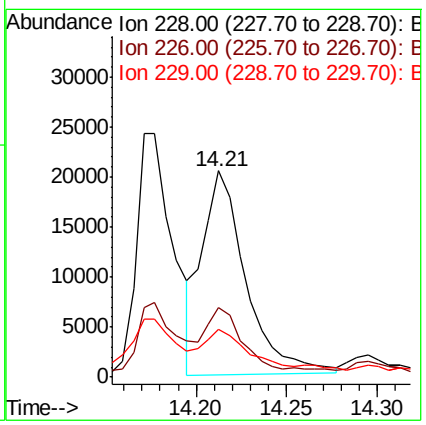


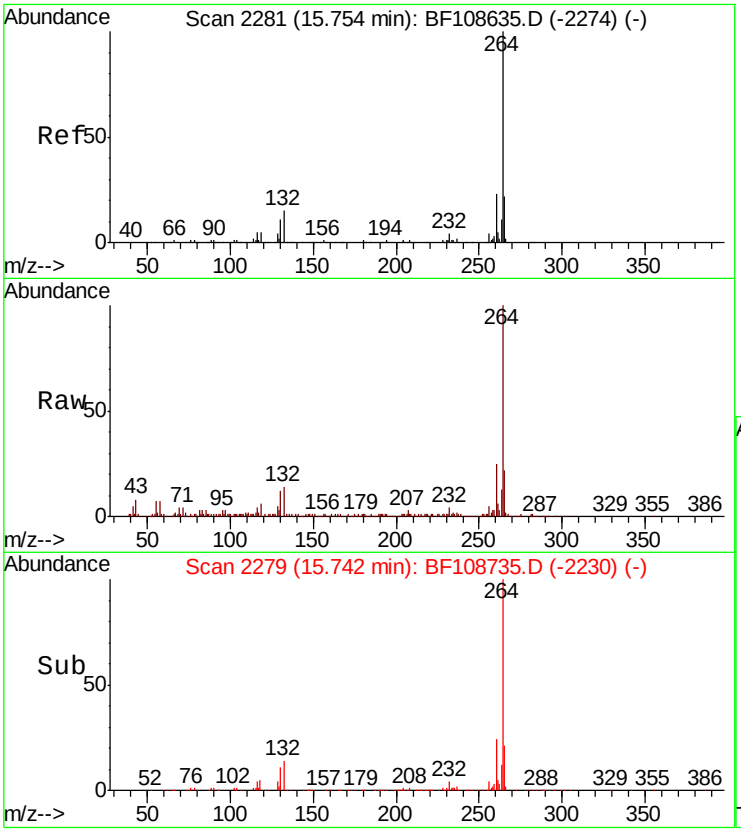


#82
Chrysene
Concen: 2.046 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:228 Resp: 34089

Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.0	37.6
229	22.9	16.2	24.4



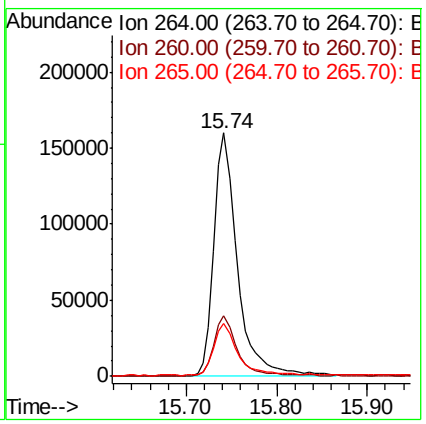


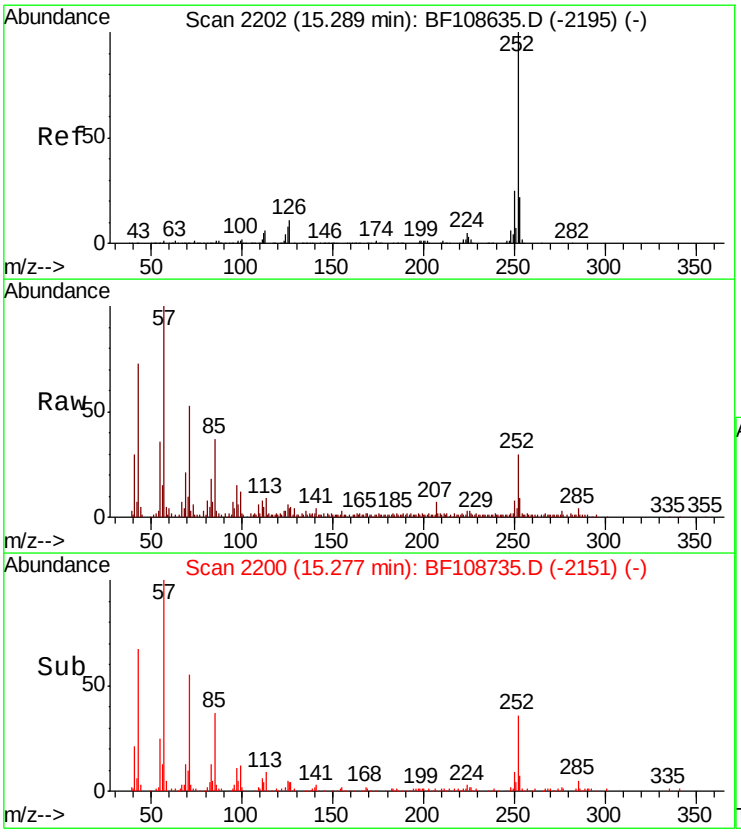
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 285441

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.5	17.5	26.3

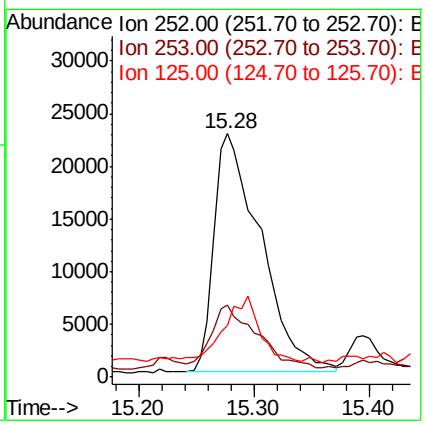


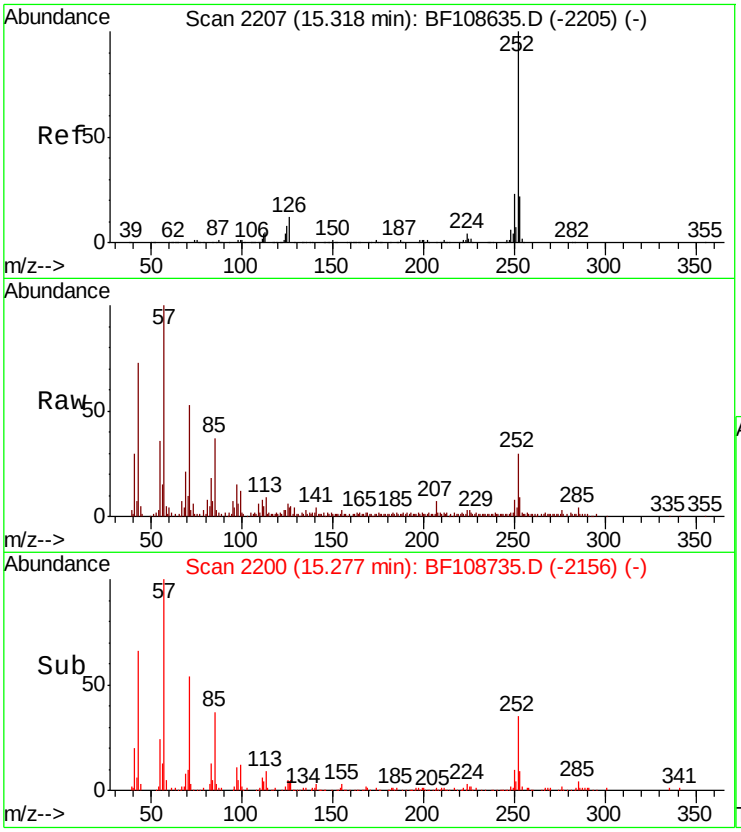


#87
Benzo(b)fluoranthene
Concen: 3.616 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:252 Resp: 63413

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.0	25.6#
125	21.2	9.0	13.6#



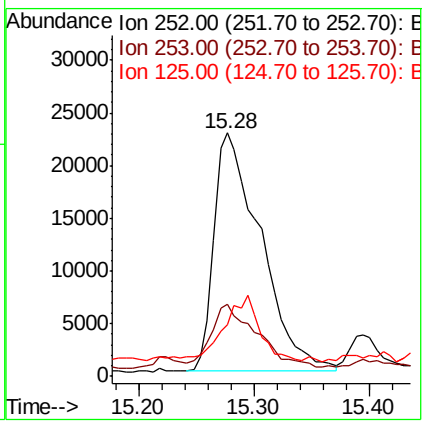


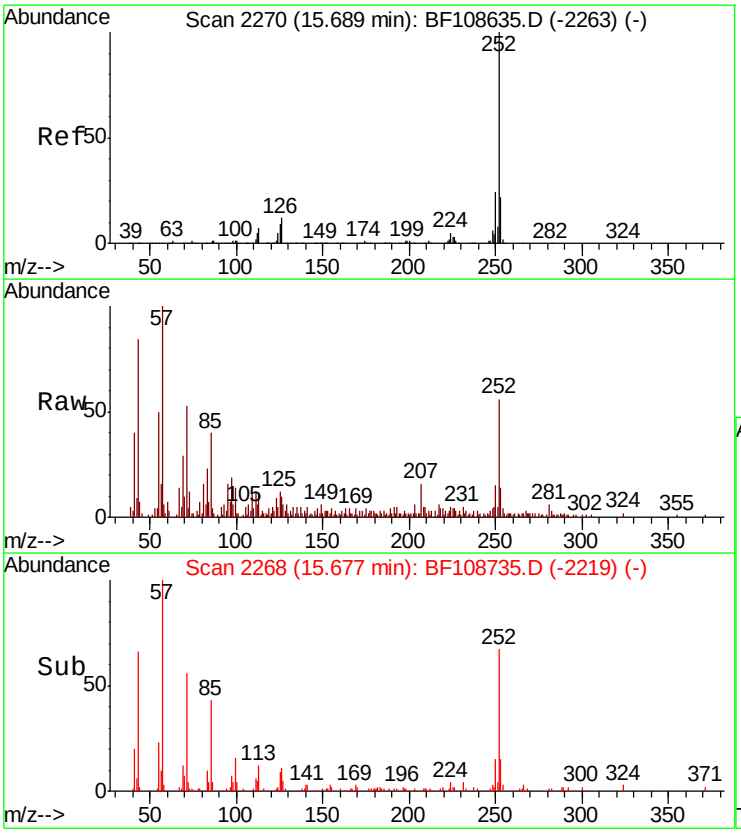
#88
Benzo(k)fluoranthene
Concen: 3.651 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 63413

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.9	26.9#
125	21.2	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.073 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108735.D
Acq: 4 Sep 2018 12:47

Tgt Ion:252 Resp: 32844

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	21.3	9.8	14.6#