Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108435.D
Acq On : 23 Aug 2018 21:54
Operator : JU/SJ
Sample : J4535-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RA-081618-FL-044

Quant Time: Aug 24 01:06:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	145007	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	534266	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	254258	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	434407	20.00	ng		0.00
75) Chrysene-d12	14.19	240	272302	20.00	ng		0.00
86) Perylene-d12	15.75	264	285218	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	923363	115.28	ng		0.00
7) Phenol-d6	6.62	99	1239753	116.48	ng		0.00
23) Nitrobenzene-d5	7.57	82	849300	88.71	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	323885	127.71	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1419581	89.64	ng		0.00
78) Terphenyl-d14	13.13	244	1014756	94.75	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	114707	15.937	ng	#	81
25) Isophorone	7.57	82	847014	46.414	ng	#	64
32) Benzoic acid	8.05	122	109	5.995	ng	#	33
49) Dimethylphthalate	9.74	163	151015	8.527	ng		99
53) 2,4-Dinitrophenol	10.33	184	126	7.104	ng	#	1
56) 2,4-Dinitrotoluene	10.04	165	34122	7.154	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.84	198	1754	6.314	ng	#	1
66) 4-Bromophenyl-phenylether	10.84	248	23285	4.932	ng	#	1
70) Phenanthrene	11.57	178	45449	2.218	ng		98
71) Anthracene	11.57	178	45449	2.164	ng		97
77) Pyrene	12.99	202	36442	2.114	ng	#	94

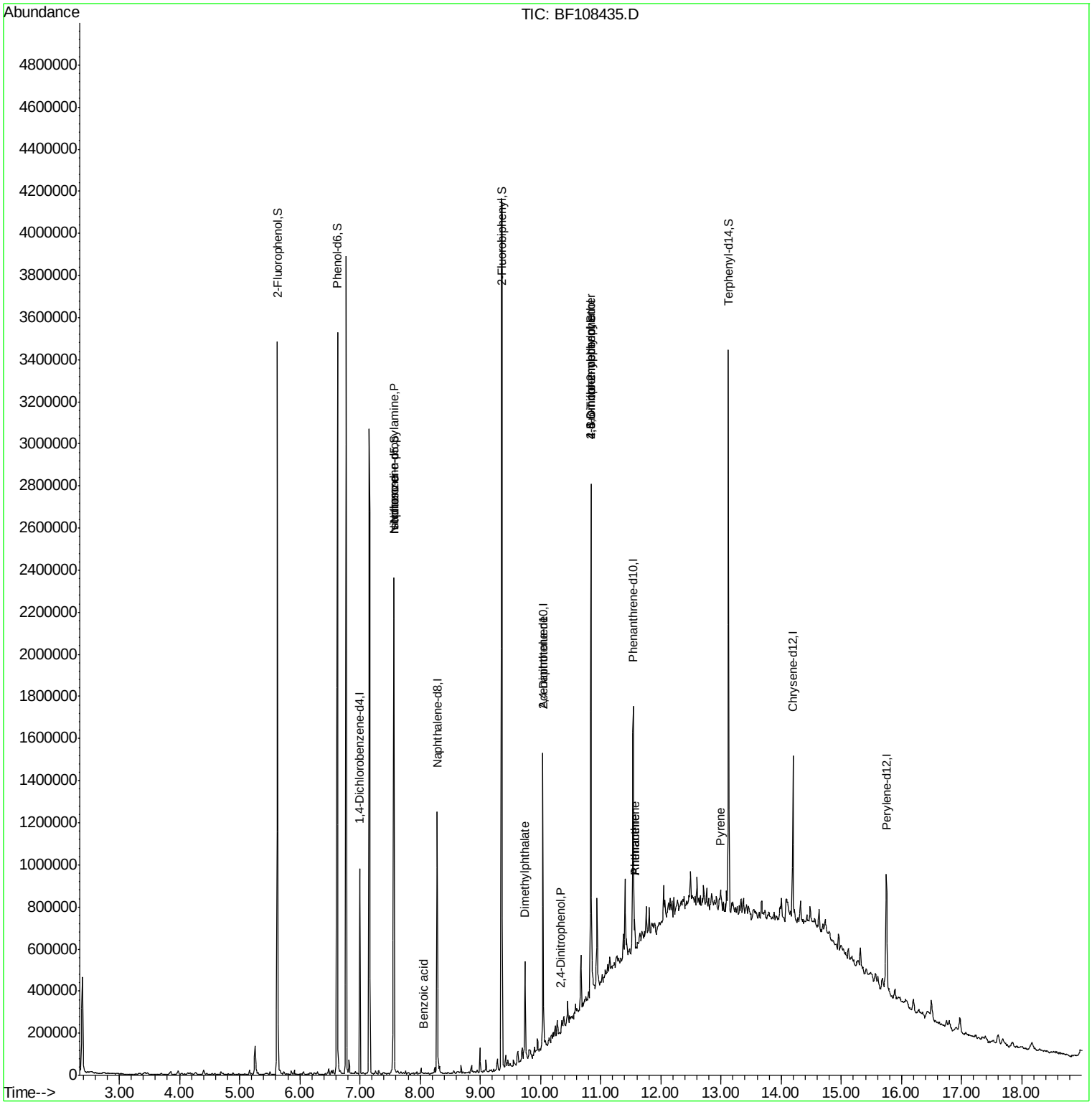
(#) = qualifier out of range (m) = manual integration (+) = signals summed

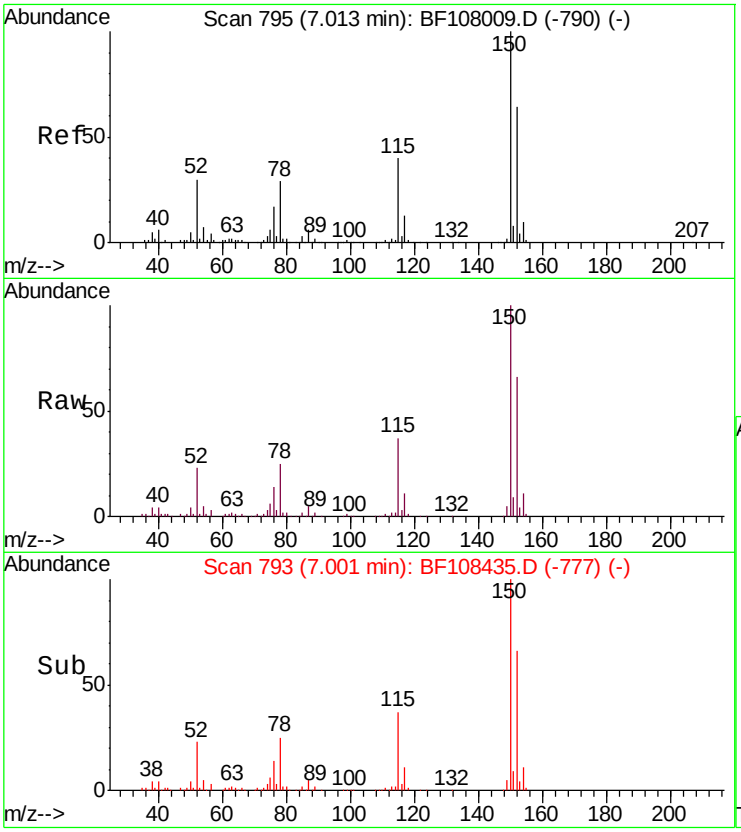
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108435.D
Acq On : 23 Aug 2018 21:54
Operator : JU/SJ
Sample : J4535-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Quant Time: Aug 24 01:06:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration



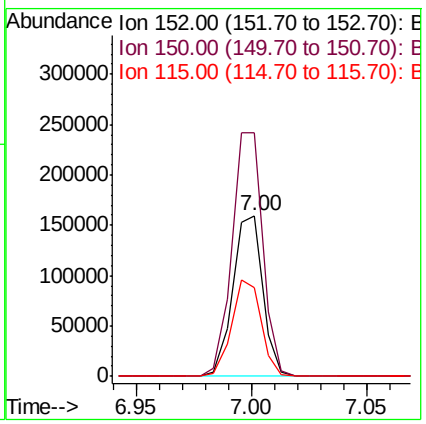


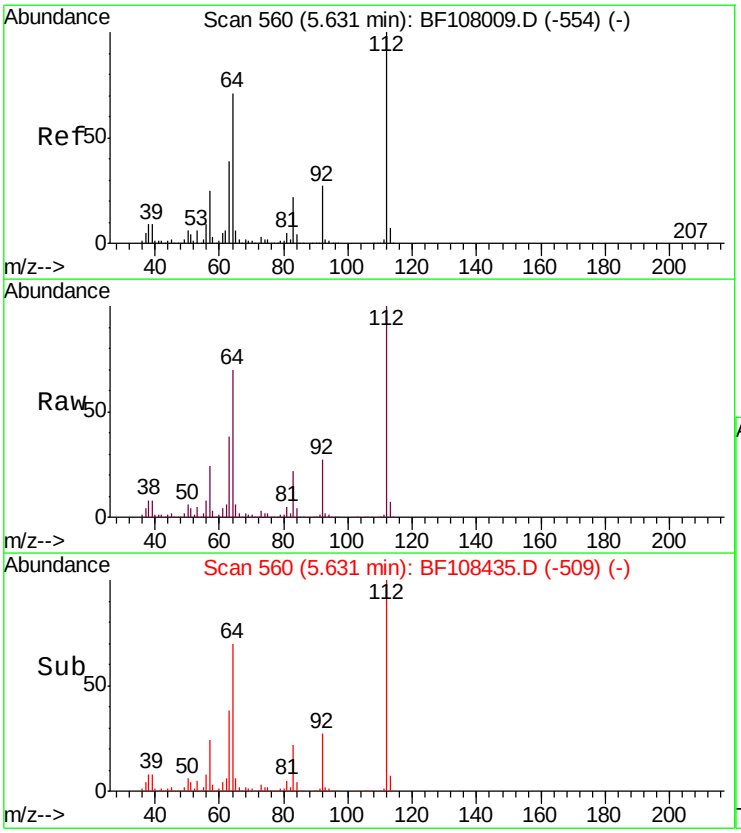
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:152 Resp: 145007

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.6	186.8
115	55.2	50.1	75.1

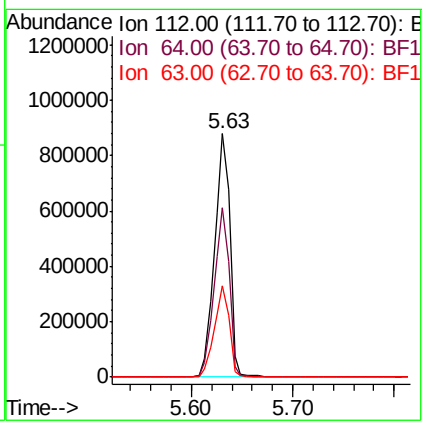


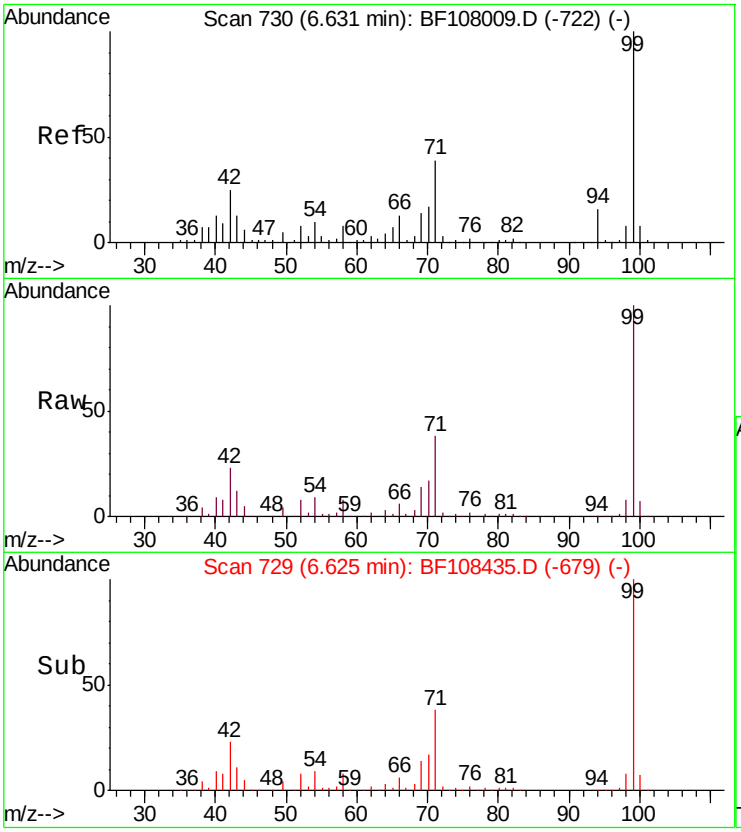


#5
2-Fluorophenol
Concen: 115.285 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:112 Resp: 923363

Ion	Ratio	Lower	Upper
112	100		
64	69.5	47.9	71.9
63	37.5	23.7	35.5#



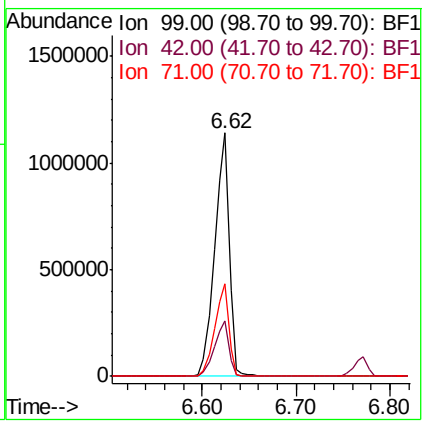


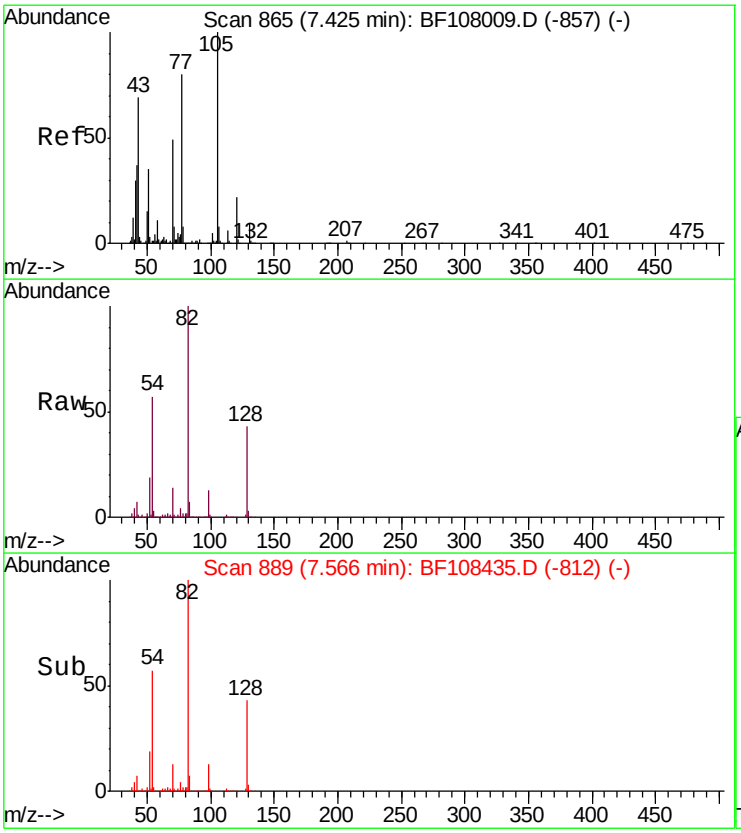
#7
Phenol-d6
Concen: 116.480 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 99 Resp: 1239753

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	37.8	25.4	38.0

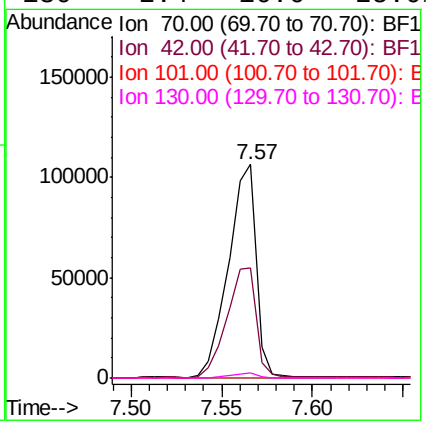


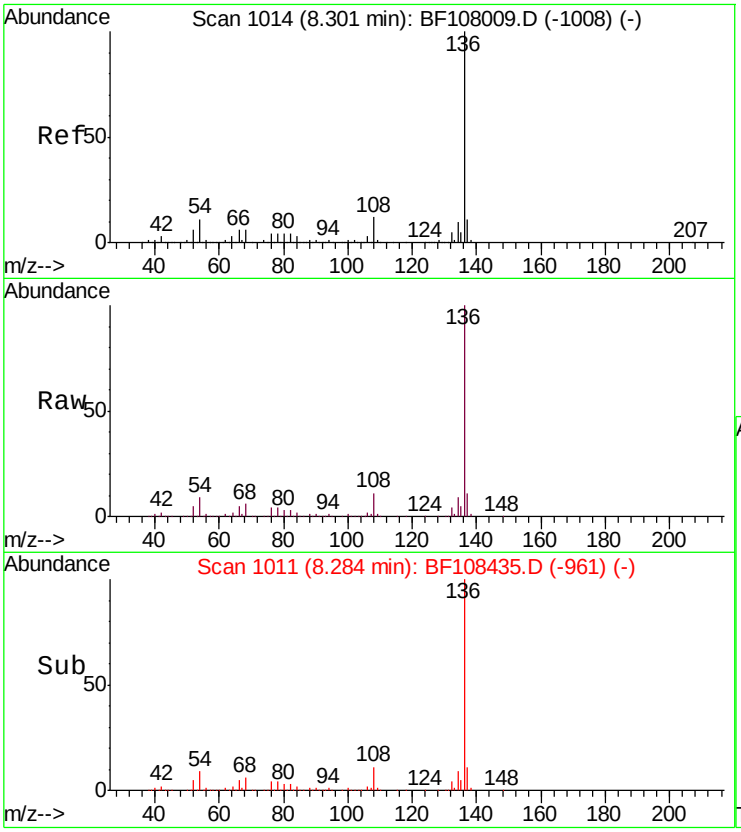


#19
n-Nitroso-di-n-propylamine
Concen: 15.937 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion: 70 Resp: 114707

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



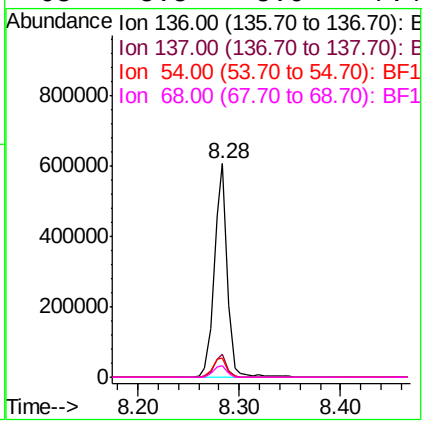


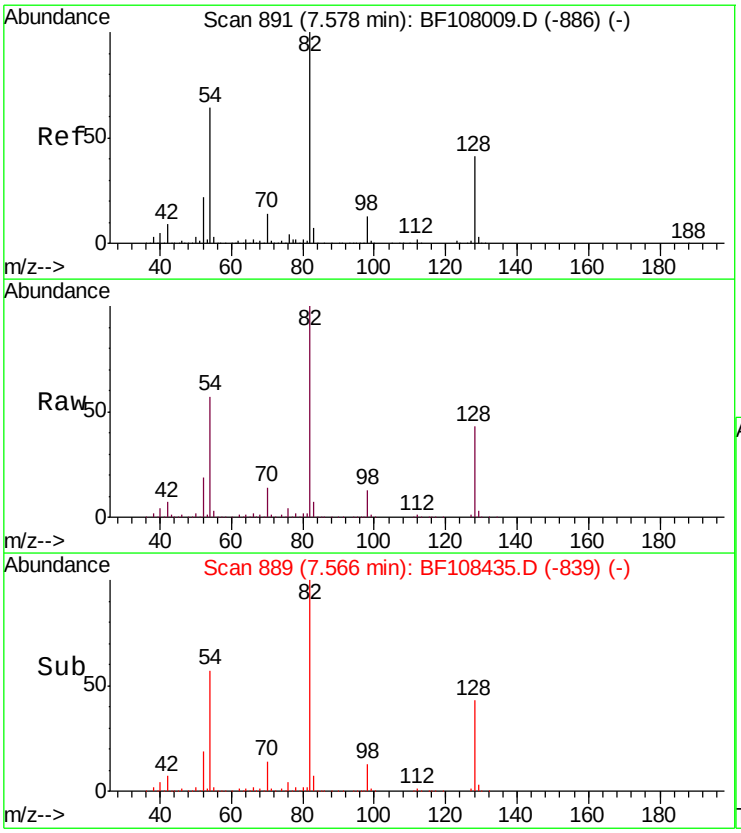
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:136 Resp: 534266

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.1	6.6	9.8
68	5.5	5.0	7.4

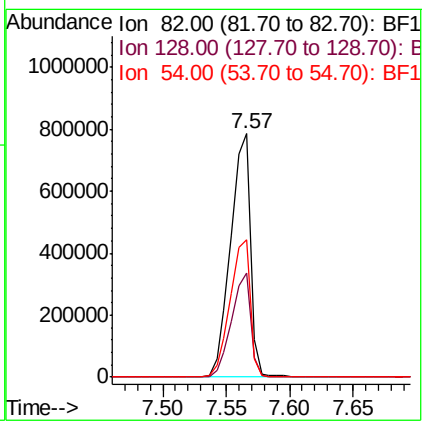


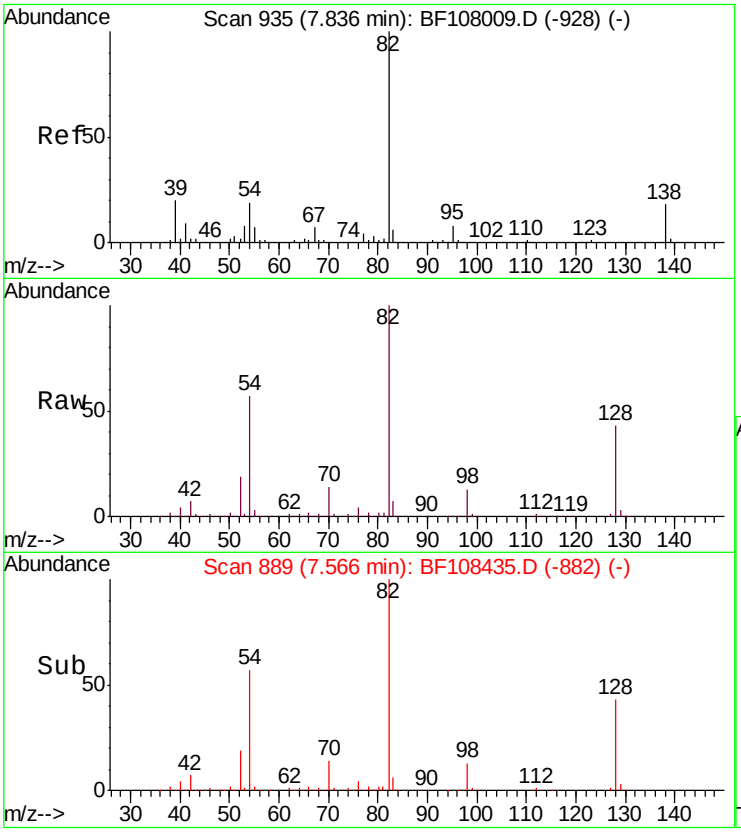


#23
Nitrobenzene-d5
Concen: 88.705 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion: 82 Resp: 849300

Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	56.6	41.4	62.2



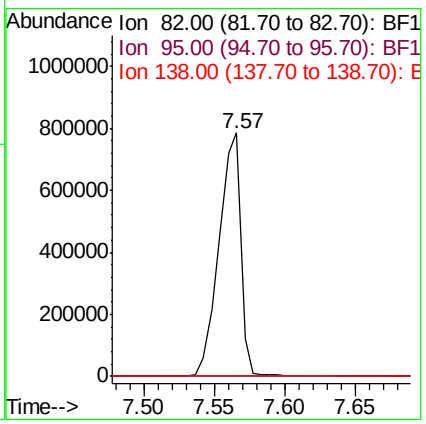


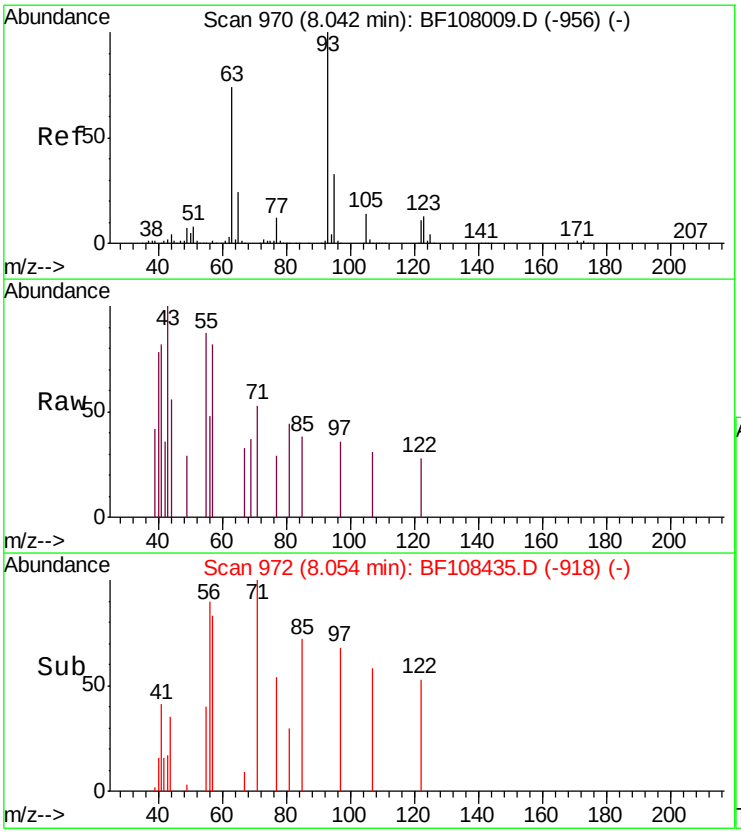
#25
Isophorone
Concen: 46.414 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion: 82 Resp: 847014

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

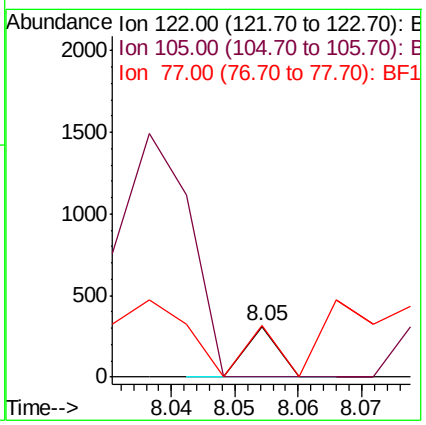


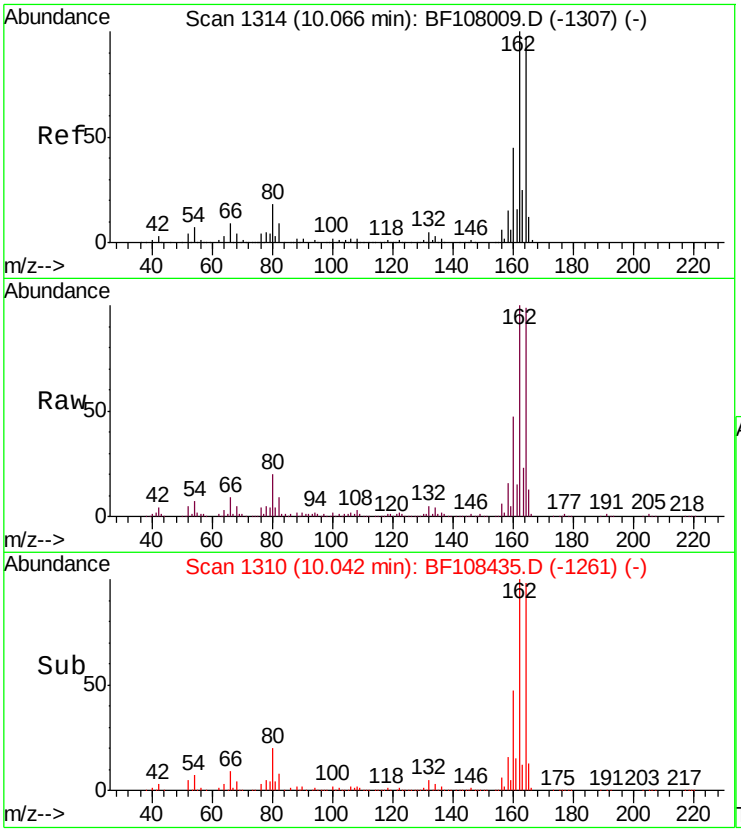


#32
Benzoic acid
Concen: 5.995 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	101.9	70.7	110.7



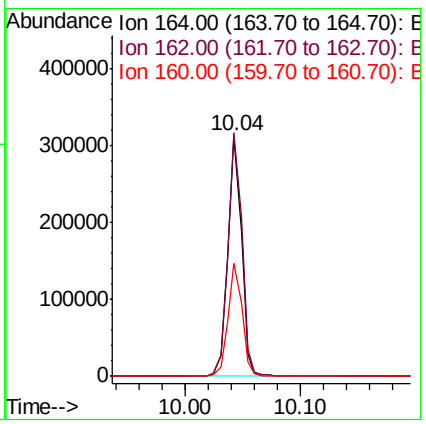


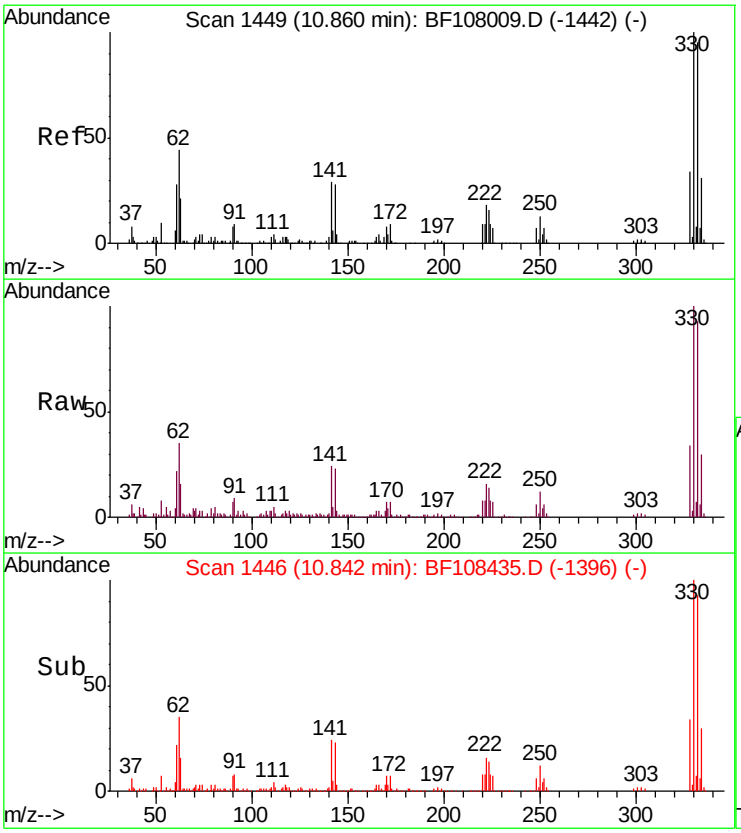
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:164 Resp: 254258

Ion	Ratio	Lower	Upper
164	100		
162	101.3	86.1	129.1
160	47.2	38.3	57.5

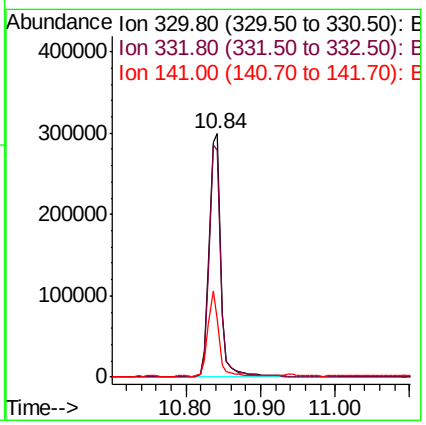


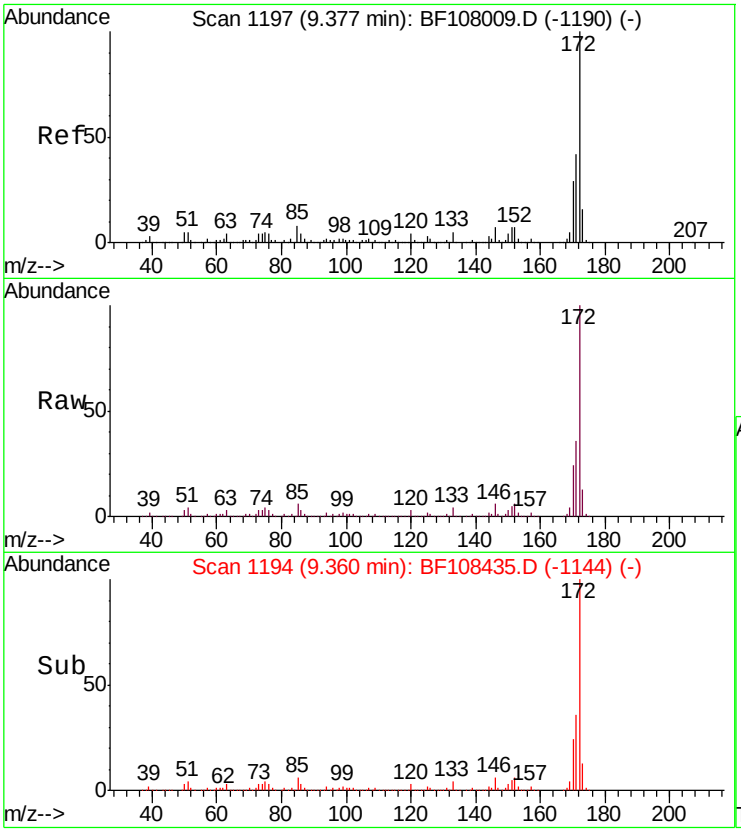


#41
2,4,6-Tribromophenol
Concen: 127.707 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:330 Resp: 323885

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	32.6	29.9	44.9



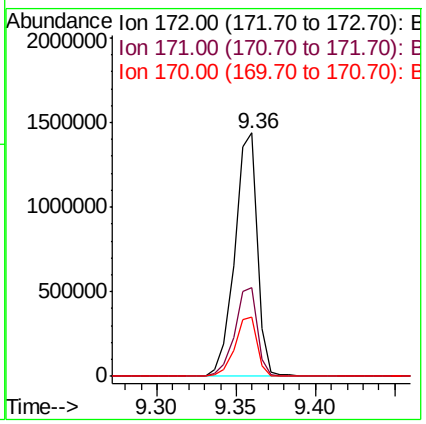


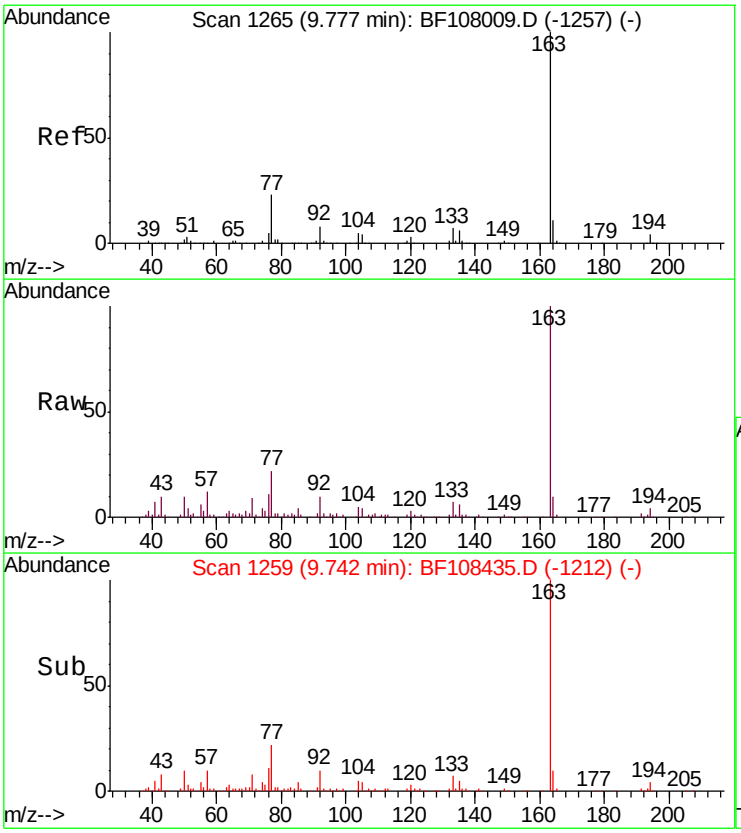
#44
2-Fluorobiphenyl
Concen: 89.637 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:172 Resp: 1419581

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

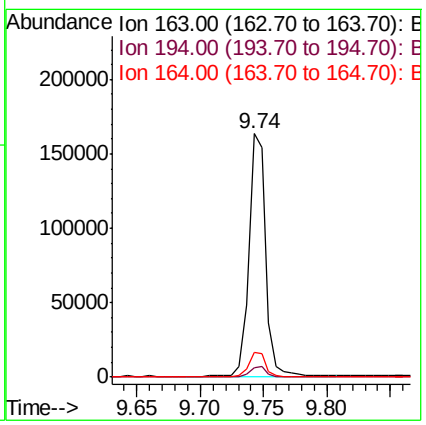


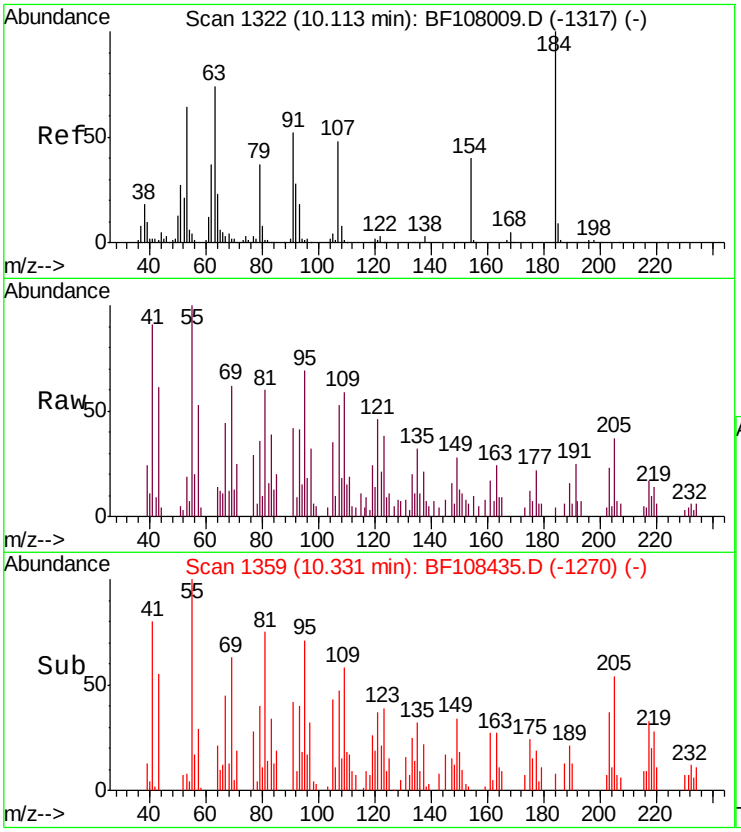


#49
Dimethylphthalate
Concen: 8.527 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:163 Resp: 151015

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2



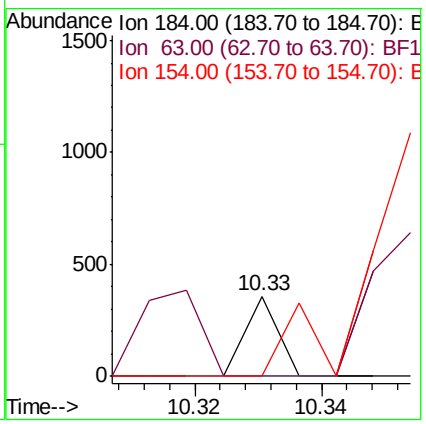


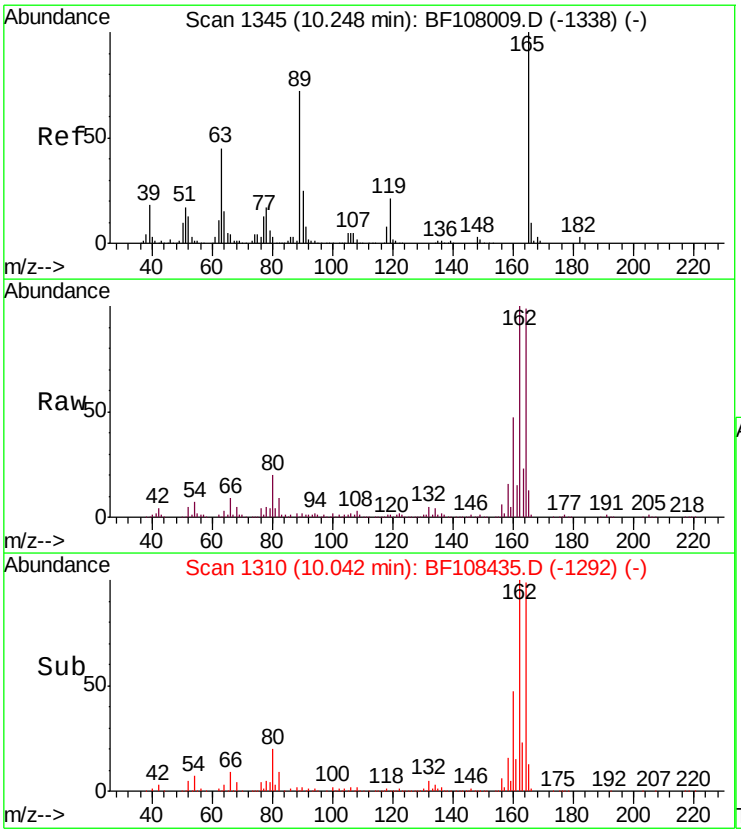
#53
2,4-Dinitrophenol
Concen: 7.104 ng
RT: 10.33 min Scan# 1359
Delta R.T. 0.22 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:184 Resp: 126

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

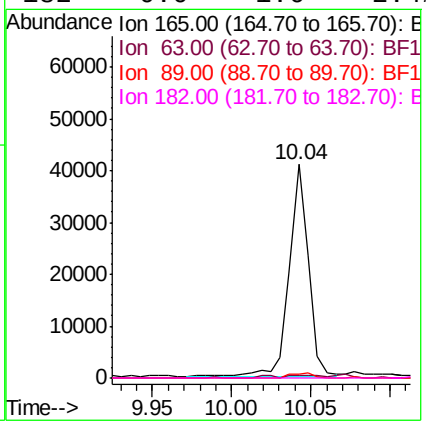


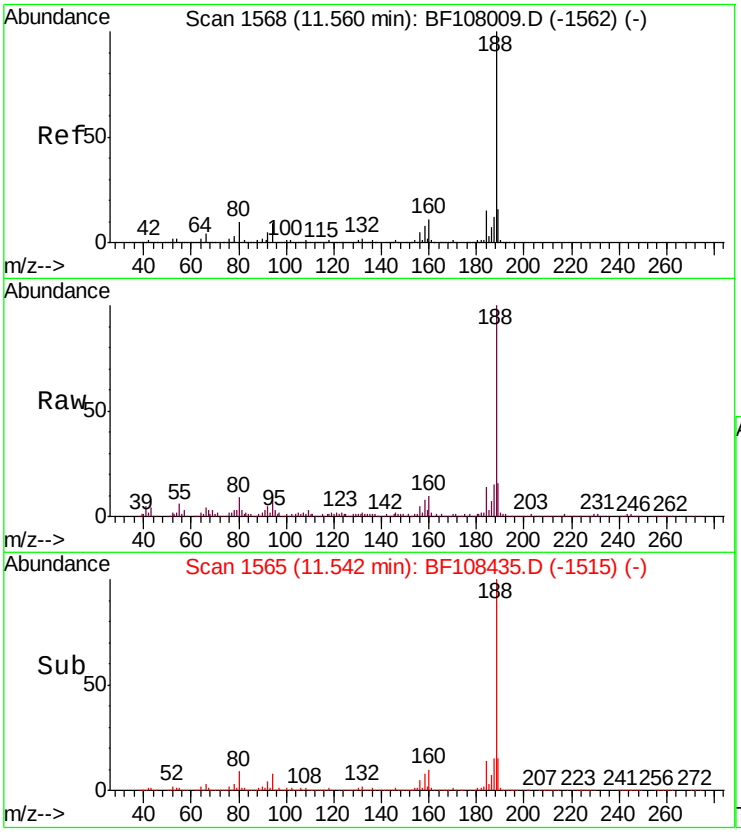


#56
2,4-Dinitrotoluene
Concen: 7.154 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:165 Resp: 34122

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



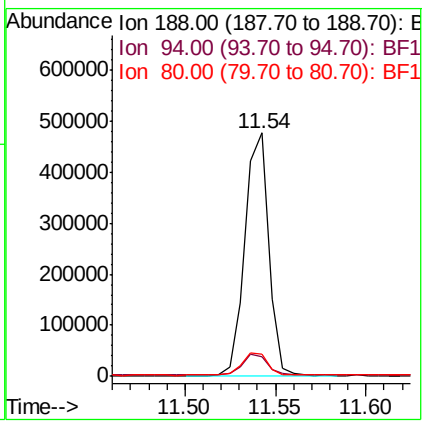


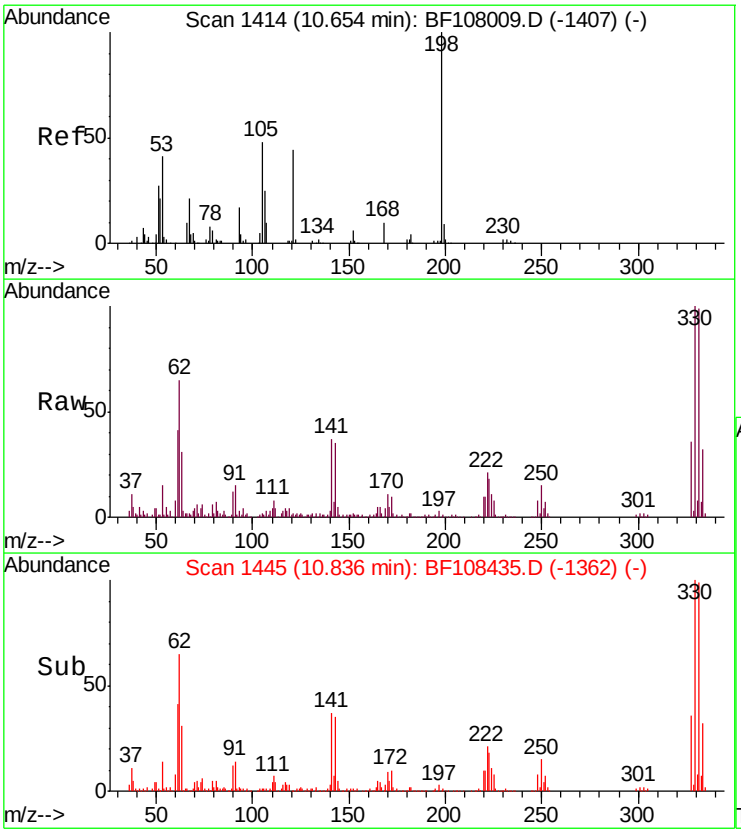
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:188 Resp: 434407

Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	9.0	9.2	13.8#

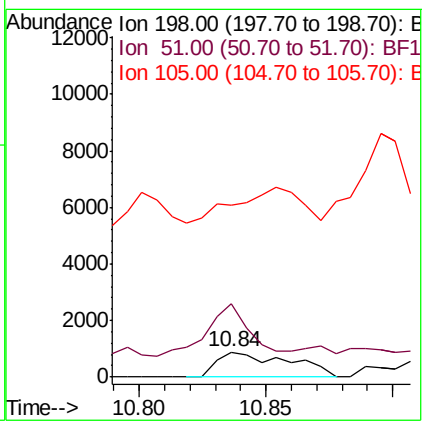


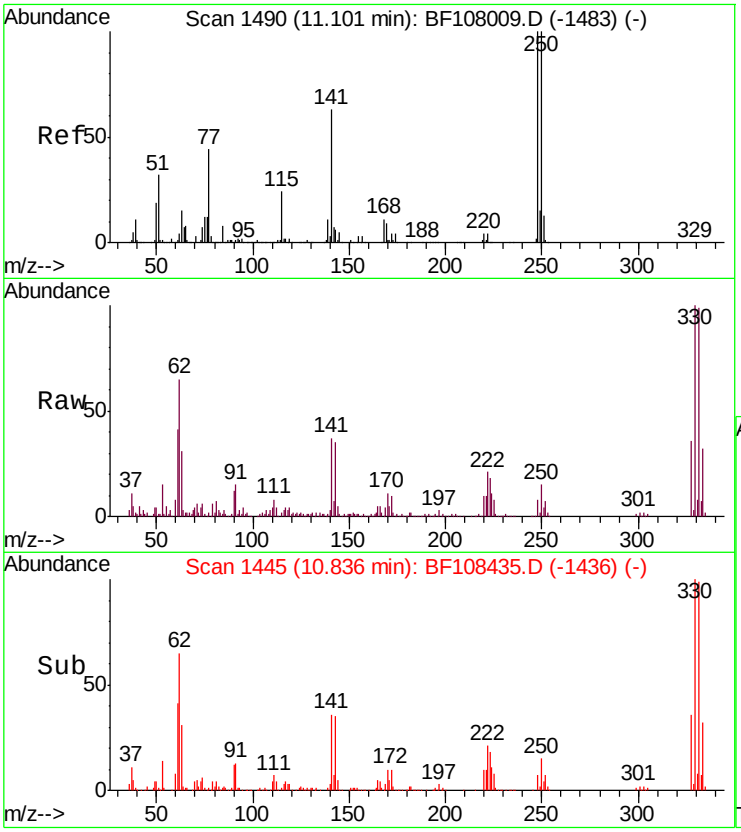


#64
4,6-Dinitro-2-methylphenol
Concen: 6.314 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:198 Resp: 1754

Ion	Ratio	Lower	Upper
198	100		
51	291.7	37.7	77.7#
105	680.0	36.3	76.3#



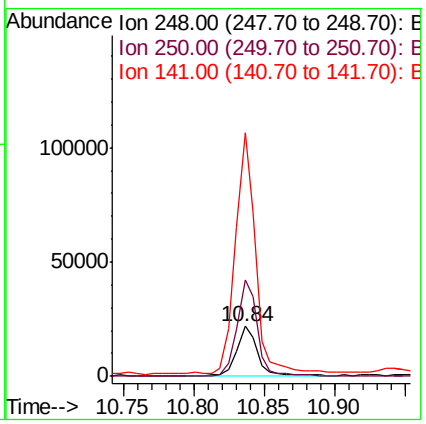


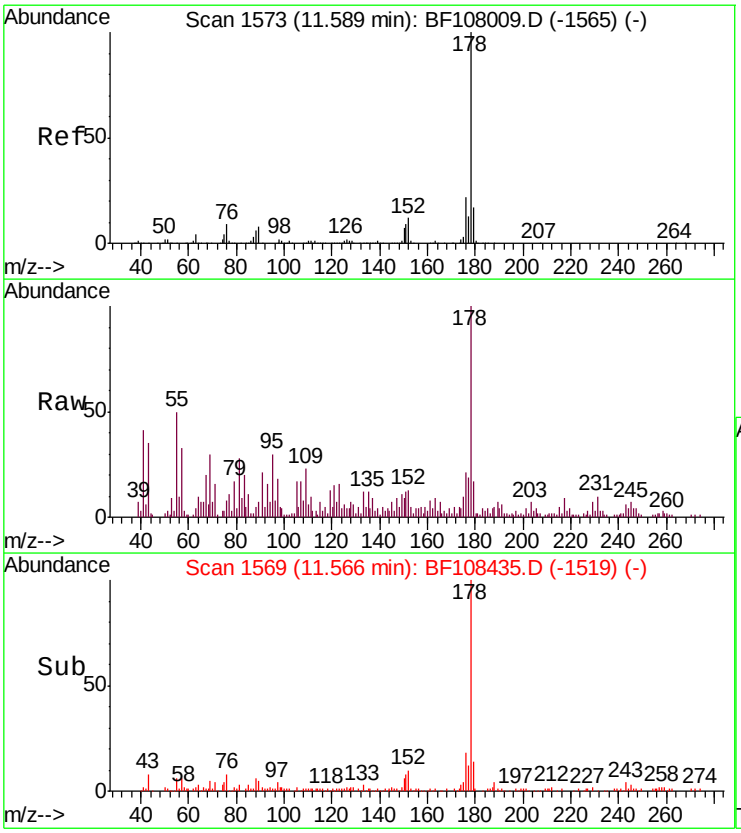
#66
4-Bromophenyl-phenylether
Concen: 4.932 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:248 Resp: 23285

Ion	Ratio	Lower	Upper
248	100		
250	194.8	76.9	115.3#
141	489.7	74.4	111.6#

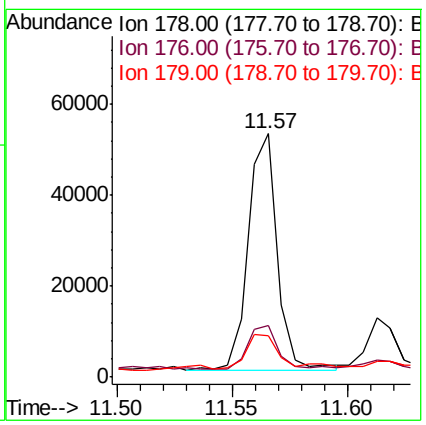


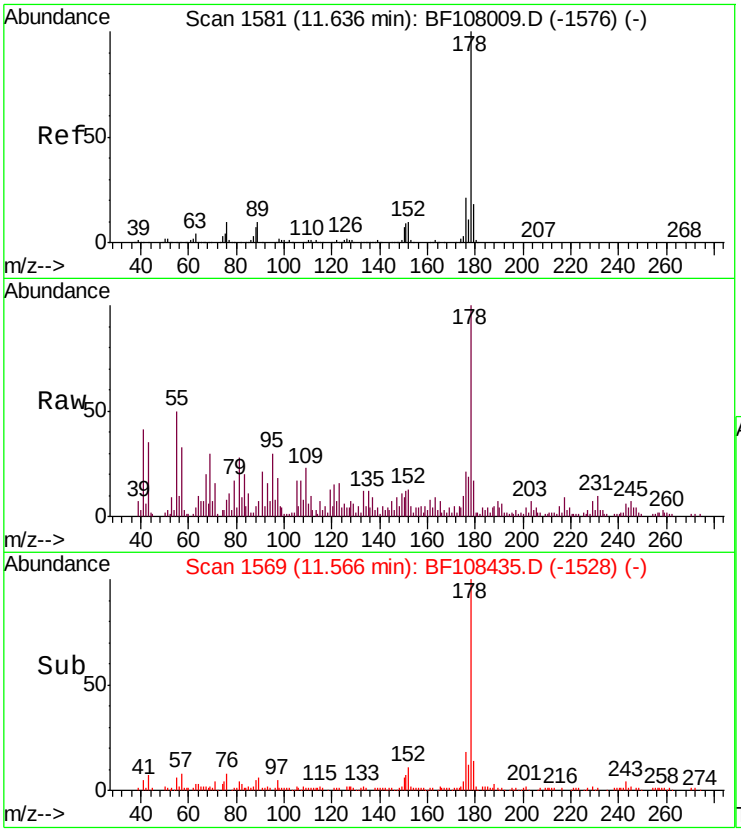


#70
Phenanthrene
Concen: 2.218 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:178 Resp: 45449

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.8	23.8
179	16.8	13.0	19.6



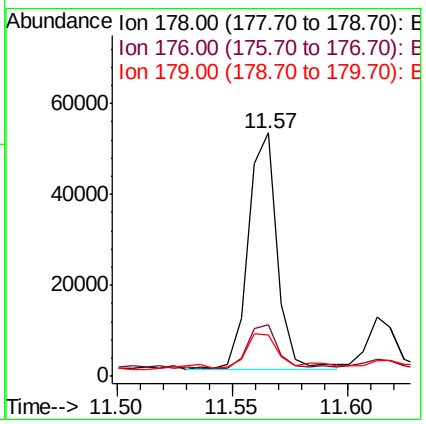


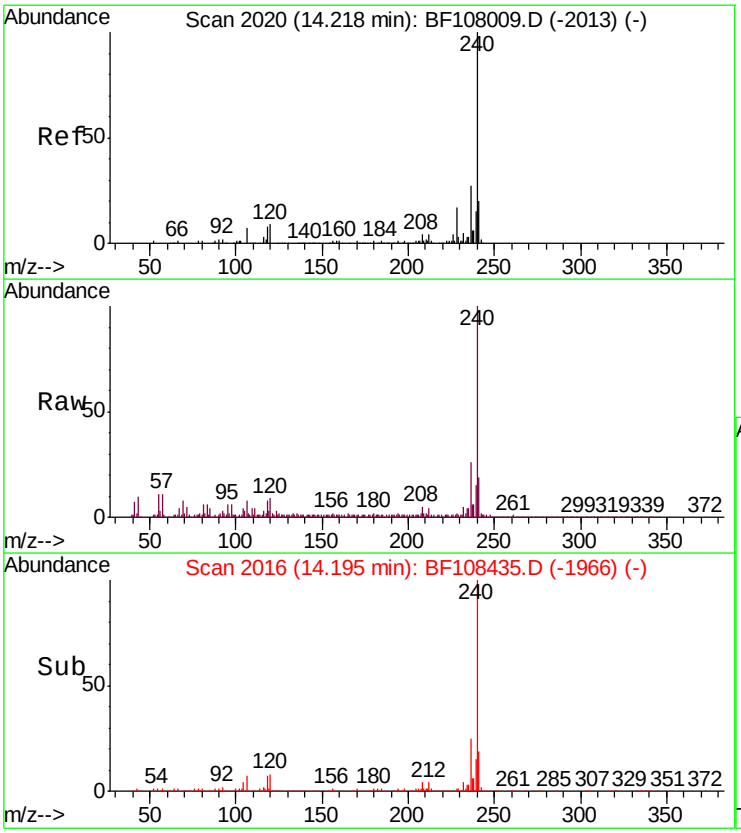
#71
Anthracene
Concen: 2.164 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.06 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:178 Resp: 45449

Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.4	23.2
179	16.8	12.6	19.0

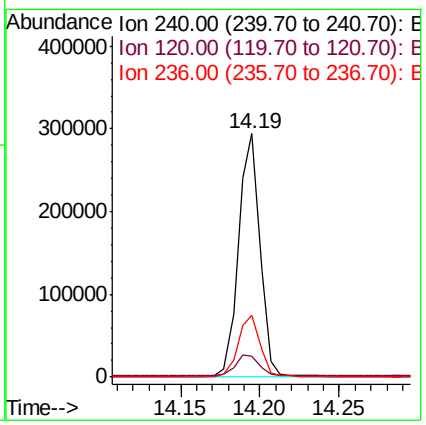


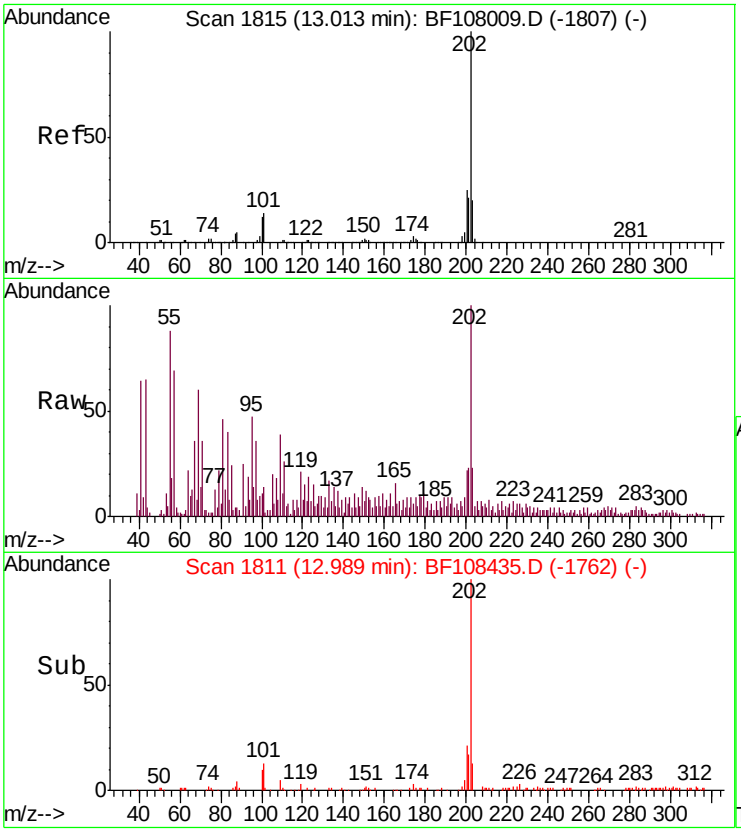


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:240 Resp: 272302

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	25.6	20.7	31.1



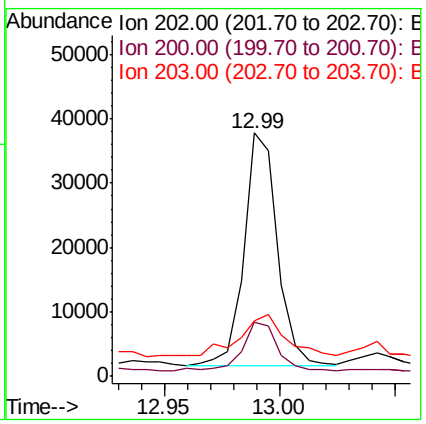


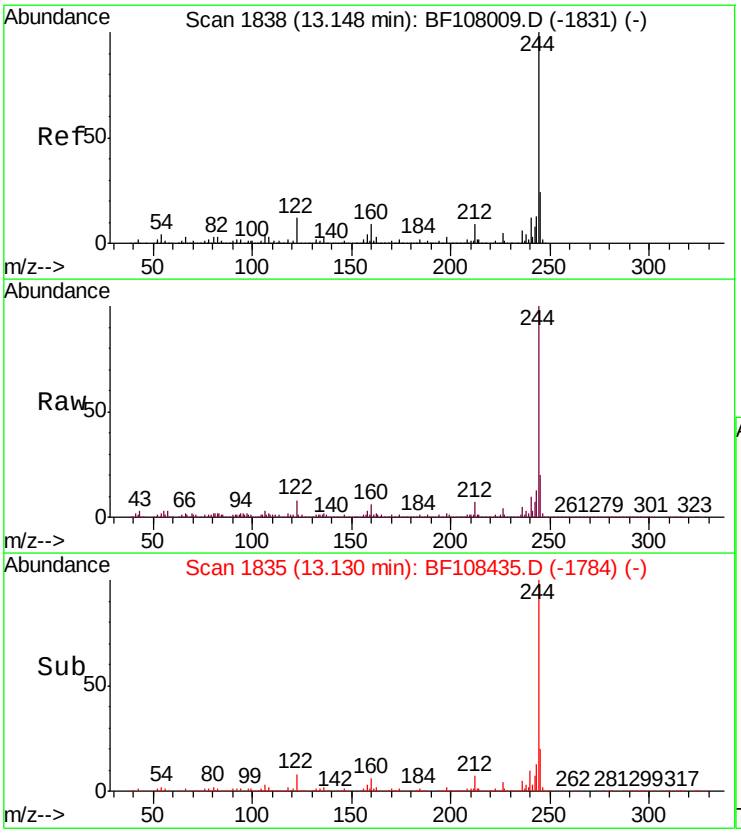
#77
Pyrene
Concen: 2.114 ng
RT: 12.99 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:202 Resp: 36442

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	22.7	14.3	21.5#

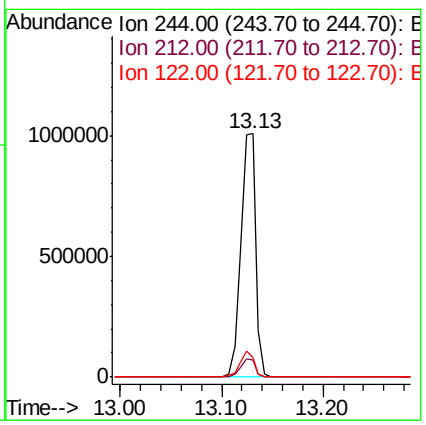


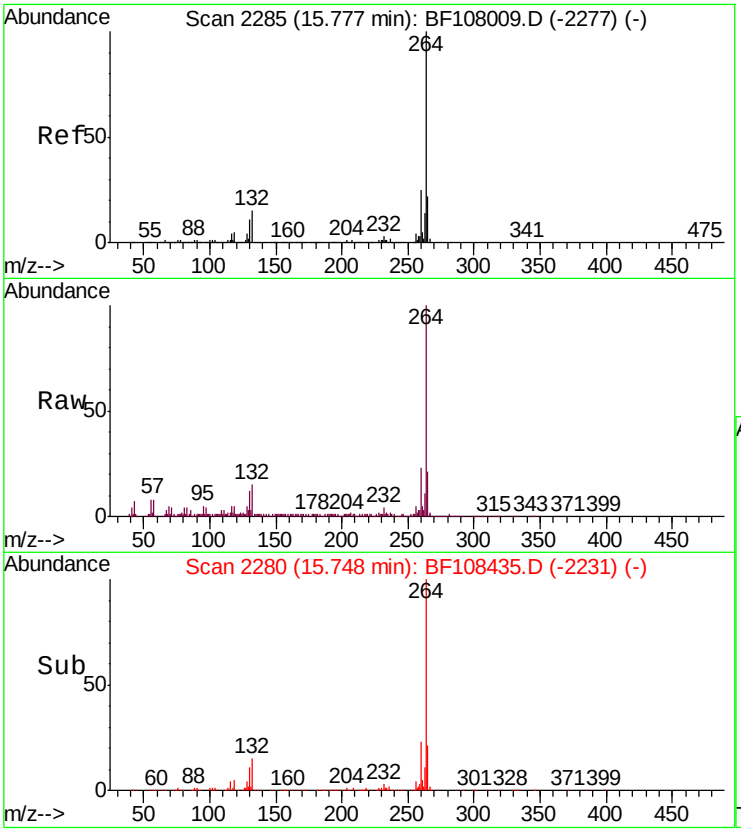


#78
Terphenyl-d14
Concen: 94.751 ng
RT: 13.13 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Tgt Ion:244 Resp: 1014756

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	8.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108435.D
Acq: 23 Aug 2018 21:54

Instrument :
BNA_F
ClientSampleId :
RA-081618-FL-044

Tgt Ion:264 Resp: 285218

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.4	17.5	26.3