Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108736.D
Acq On : 4 Sep 2018 13:14
Operator : JU/SJ
Sample : J4720-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 14:33:35 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	7.00	152	91439	20.00	ng		-0.01
21) Naphthalene-d8	8.27	136	379733	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	164892	20.00	ng		-0.02
63) Phenanthrene-d10	11.53	188	283789	20.00	ng		-0.02
75) Chrysene-d12	14.19	240	290210	20.00	ng		-0.01
86) Perylene-d12	15.74	264	291264	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	270326	51.36	ng		-0.02
7) Phenol-d6	6.62	99	489209	64.89	ng		-0.02
23) Nitrobenzene-d5	7.56	82	336686	45.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.83	330	98562	45.28	ng		-0.02
44) 2-Fluorobiphenyl	9.34	172	630256	51.39	ng		-0.02
78) Terphenyl-d14	13.11	244	570660	38.21	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.56	70	40238	7.970	ng	#	86
25) Isophorone	7.56	82	336686	27.092	ng	#	64
49) Dimethylphthalate	9.74	163	206549	15.907	ng		99
55) 4-Nitrophenol	10.24	139	3013	6.194	ng	#	21
56) 2,4-Dinitrotoluene	10.03	165	19414	5.123	ng	#	24
70) Phenanthrene	11.55	178	215922	15.074	ng		97
71) Anthracene	11.55	178	215922	14.346	ng		98
74) Fluoranthene	12.75	202	287952	17.859	ng		95
77) Pyrene	12.98	202	222416	10.195	ng		98
80) Benzo(a)anthracene	14.18	228	79640	4.501	ng		96
82) Chrysene	14.21	228	117264	6.892	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	40793	3.460	ng		99
85) Indeno(1,2,3-cd)pyrene	17.35	276	56565	4.781	ng	#	81
87) Benzo(b)fluoranthene	15.28	252	217079	12.133	ng		98
88) Benzo(k)fluoranthene	15.28	252	217079	12.248	ng		99
89) Benzo(a)pyrene	15.68	252	101223	6.260	ng		96
91) Benzo(g,h,i)perylene	17.85	276	53000	4.223	ng	#	88

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

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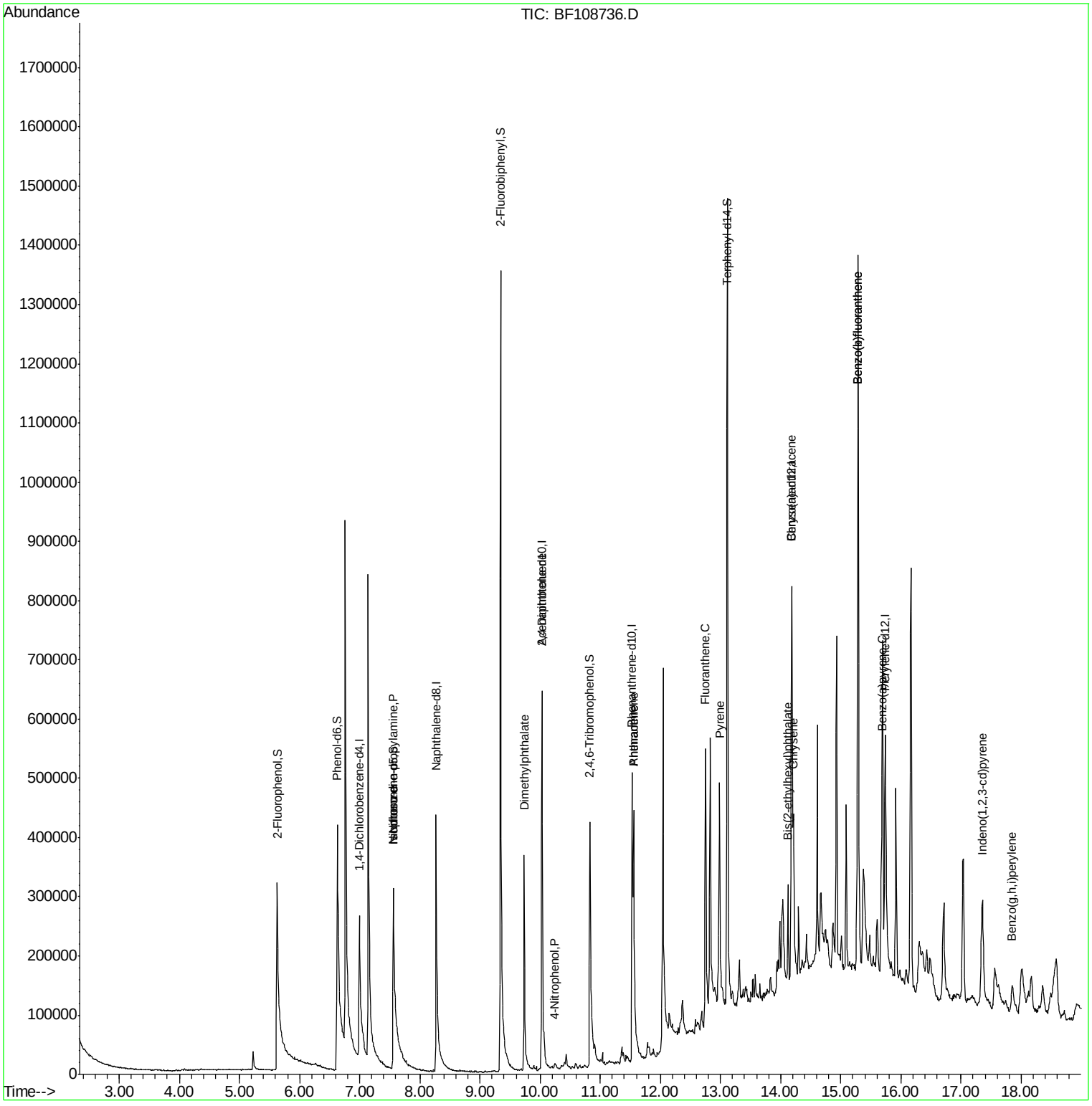
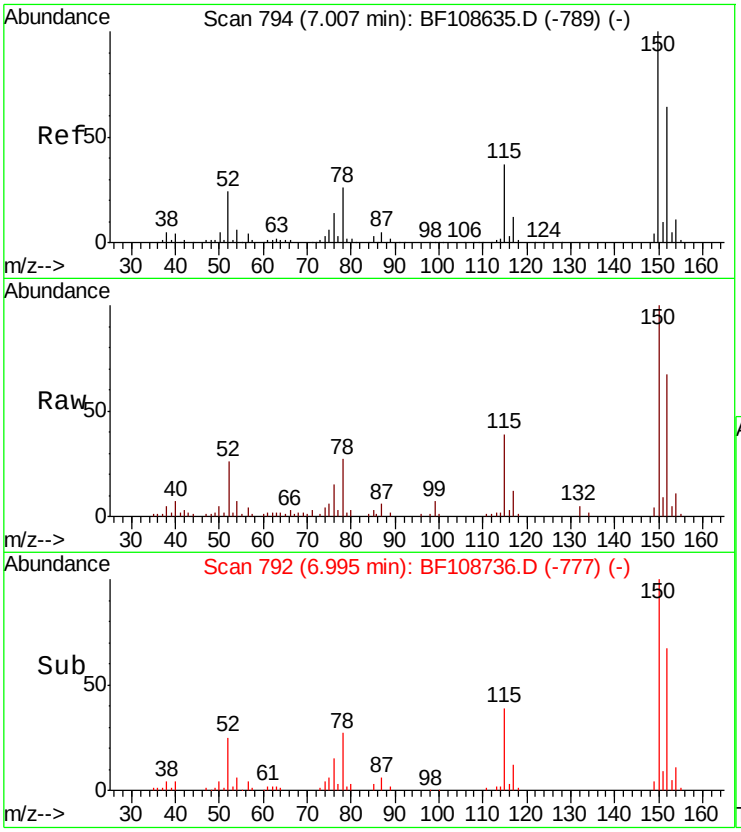


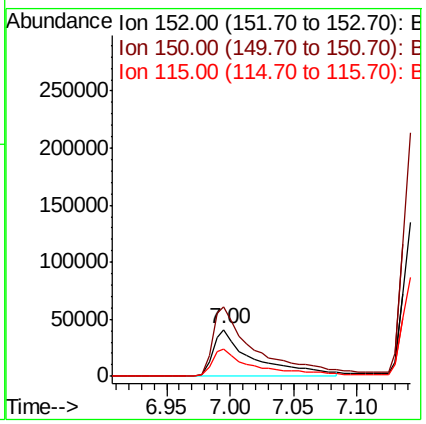


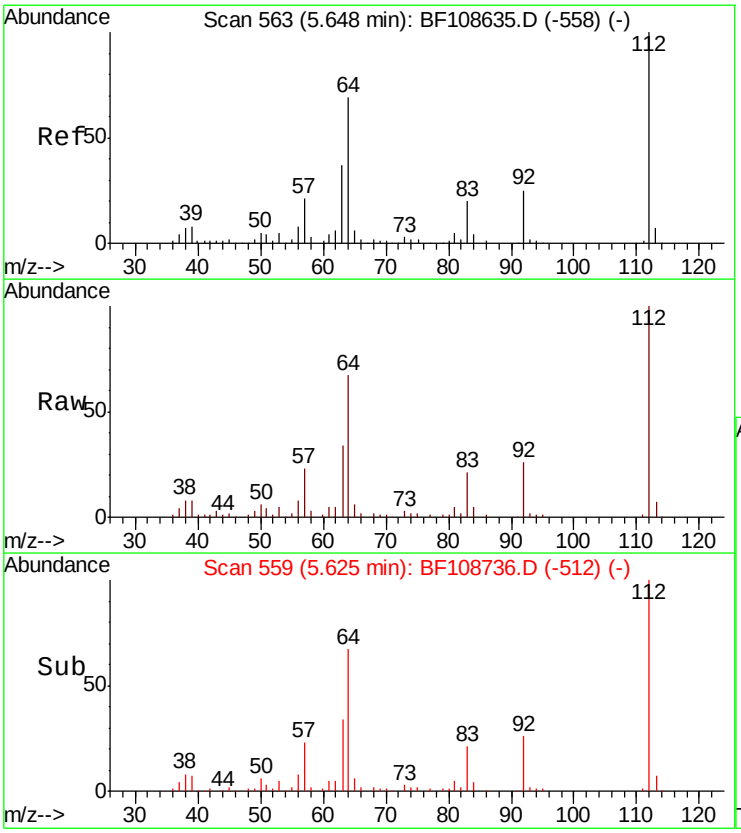
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 91439

Ion	Ratio	Lower	Upper
152	100		
150	148.9	124.6	186.8
115	58.0	50.1	75.1

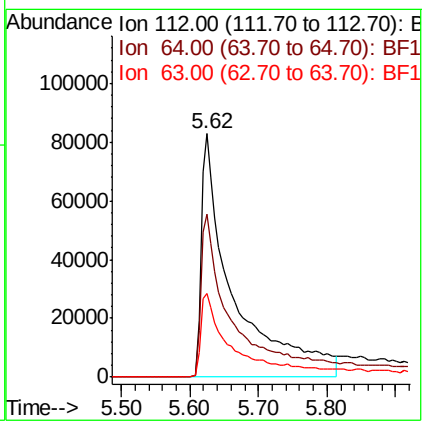


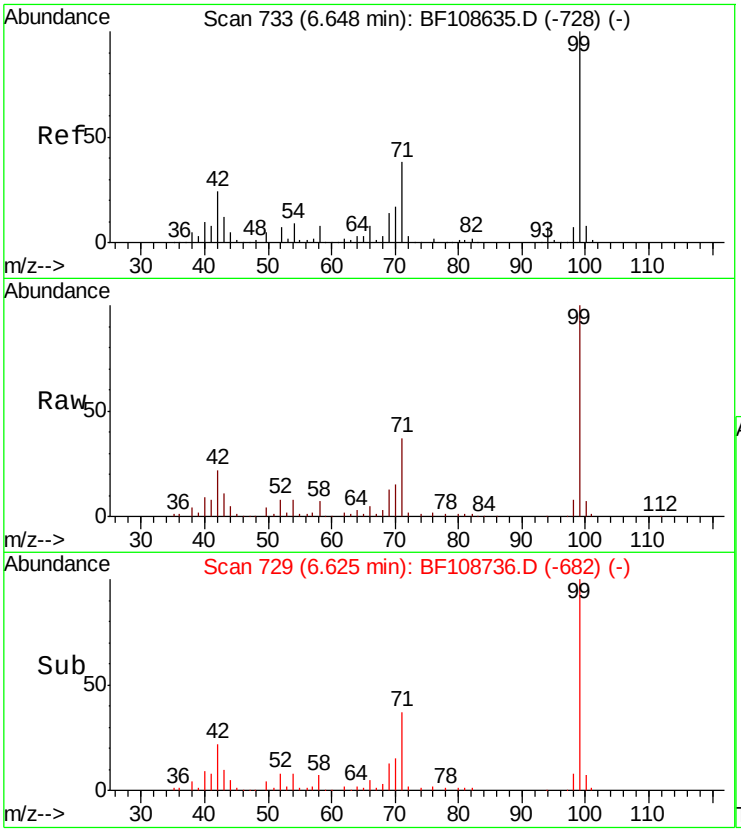


#5
2-Fluorophenol
Concen: 51.358 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:112 Resp: 270326

Ion	Ratio	Lower	Upper
112	100		
64	67.1	47.9	71.9
63	34.5	23.7	35.5



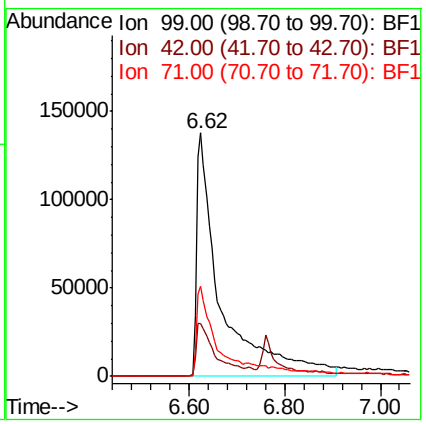


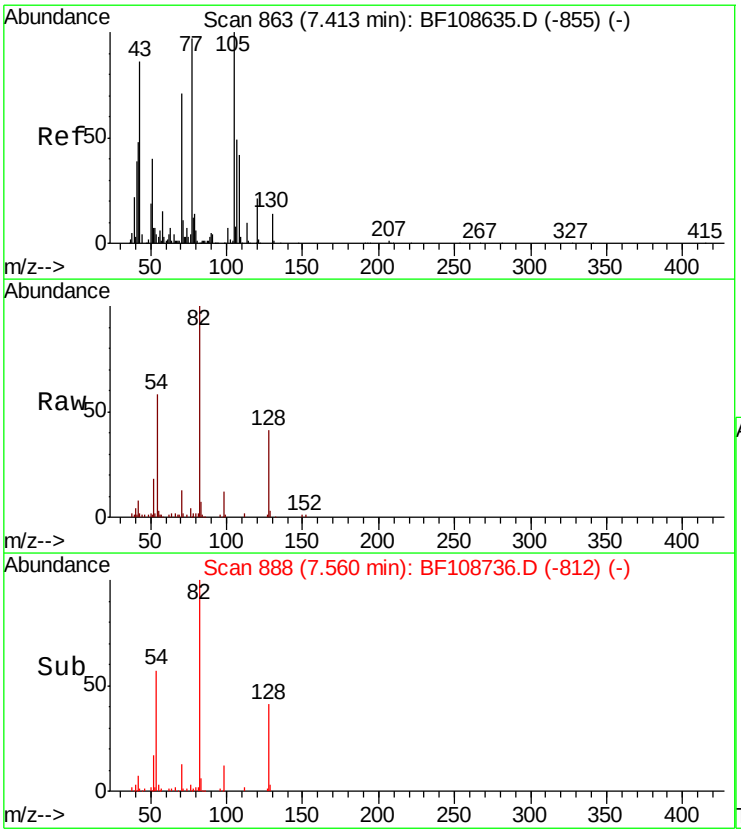
#7
Phenol-d6
Concen: 64.892 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 489209

Ion	Ratio	Lower	Upper
99	100		
42	21.8	14.5	21.7#
71	36.8	25.4	38.0

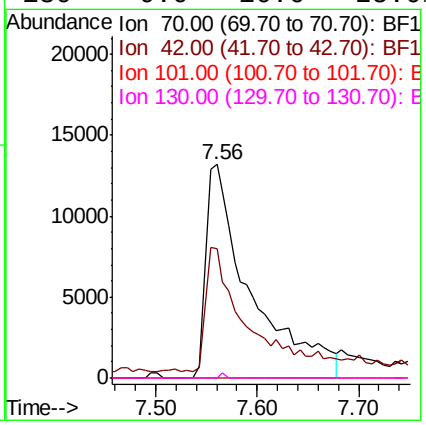


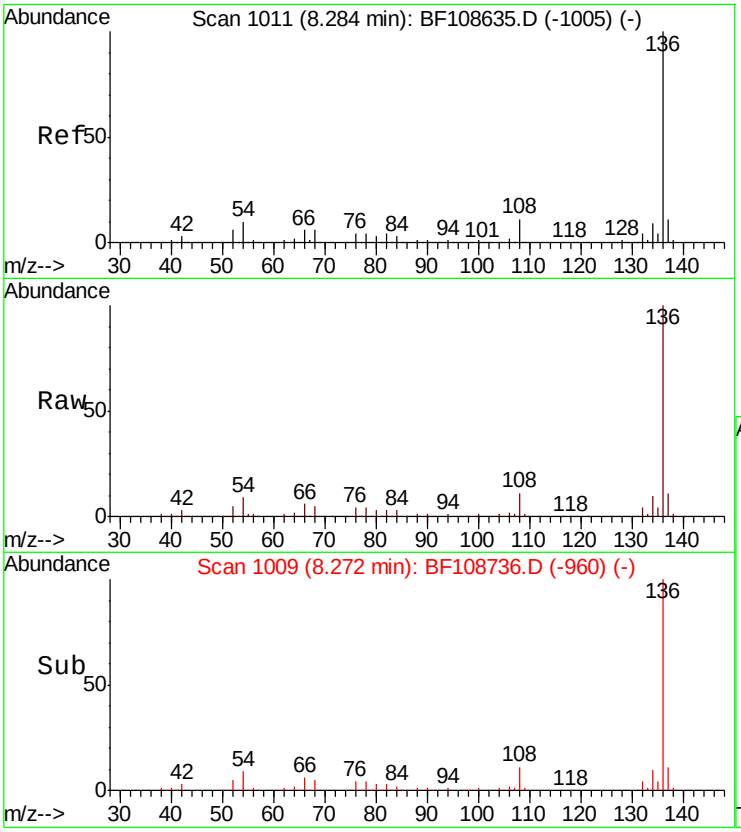


#19
n-Nitroso-di-n-propylamine
Concen: 7.970 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion: 70 Resp: 40238

Ion	Ratio	Lower	Upper
70	100		
42	60.3	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



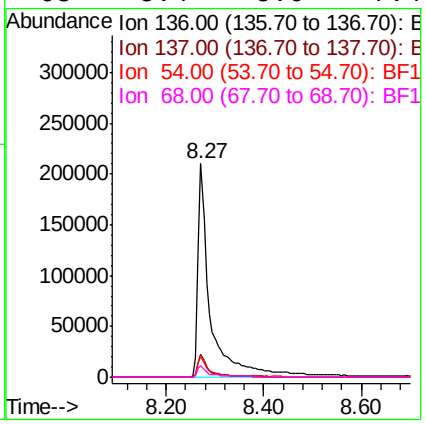


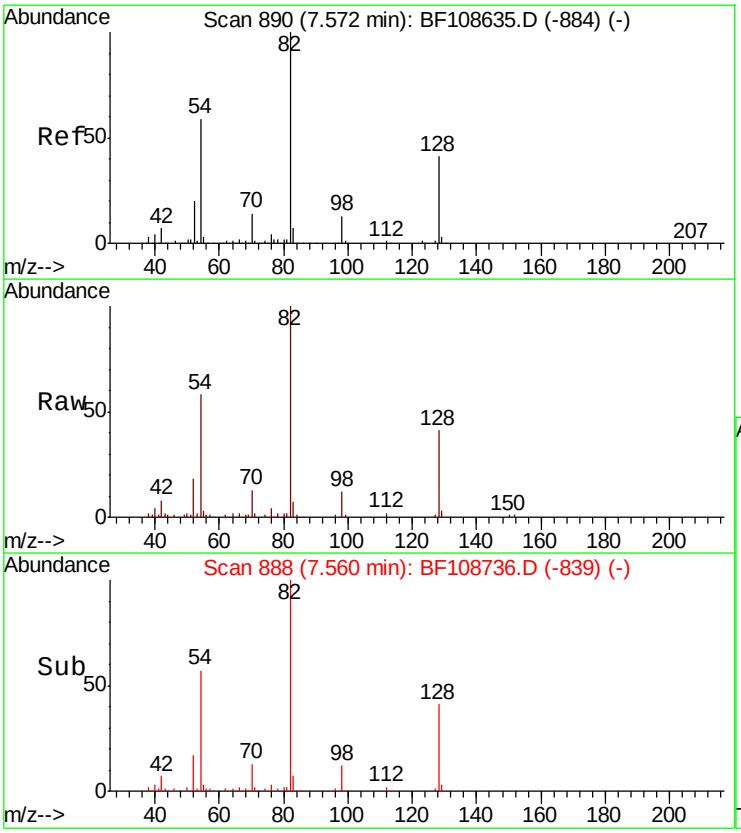
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 379733

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.4	5.0	7.4

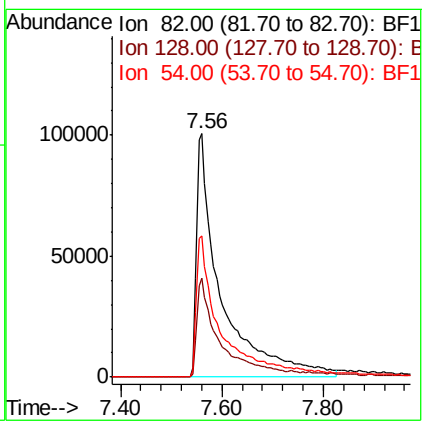


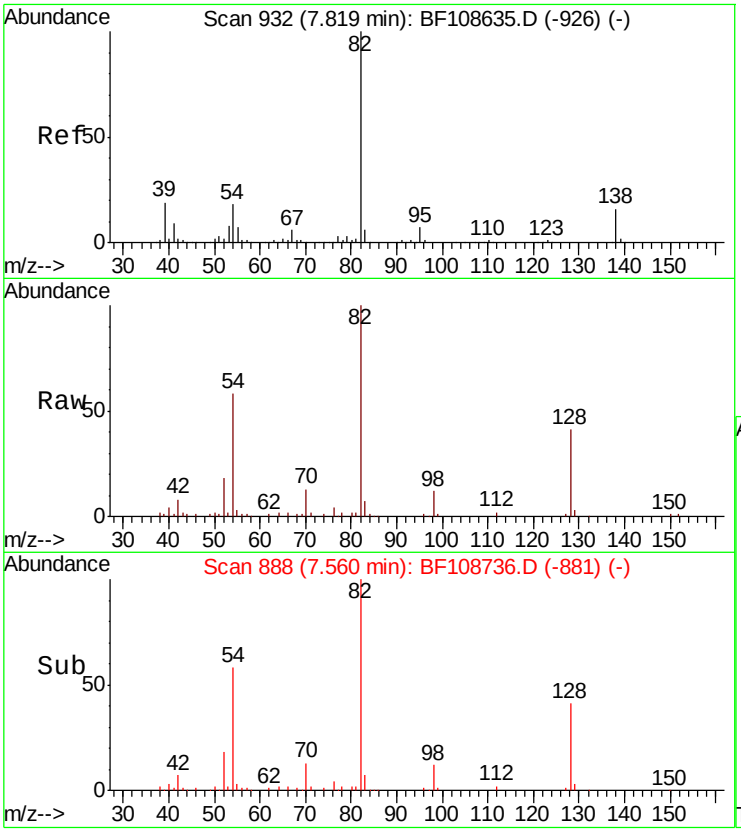


#23
Nitrobenzene-d5
Concen: 45.005 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion: 82 Resp: 336686

Ion	Ratio	Lower	Upper
82	100		
128	40.6	36.1	54.1
54	57.9	41.4	62.2



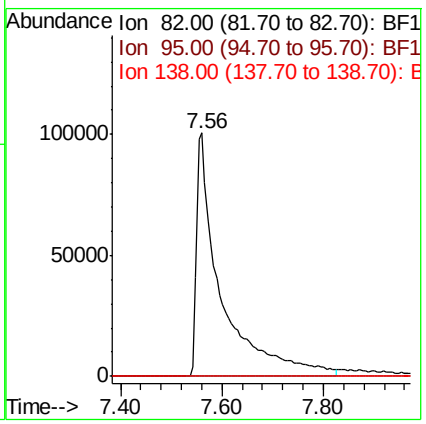


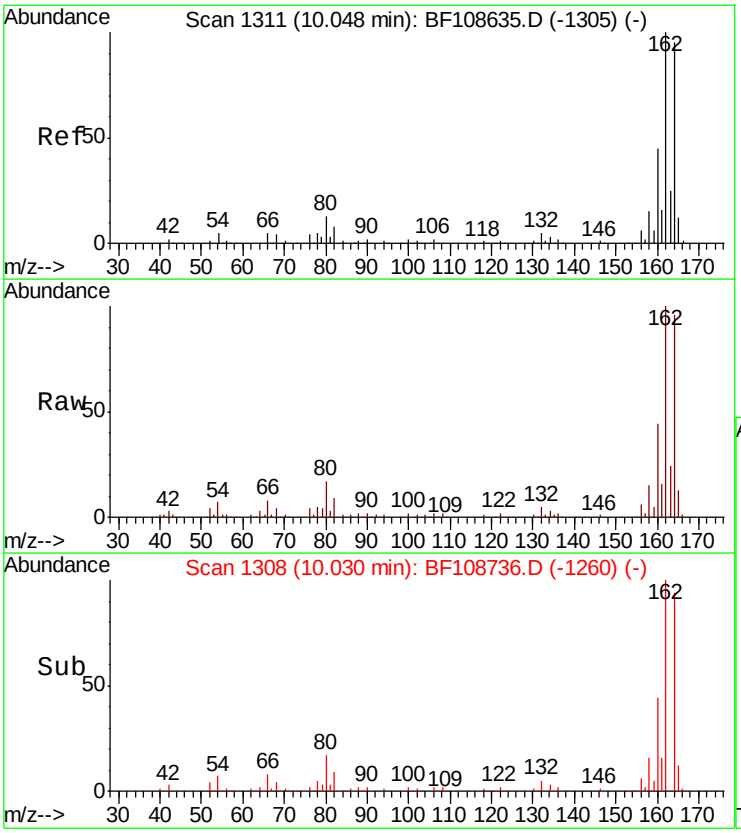
#25
Isophorone
Concen: 27.092 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion: 82 Resp: 336686

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

Instrument :
BNA_F
ClientSampleId :

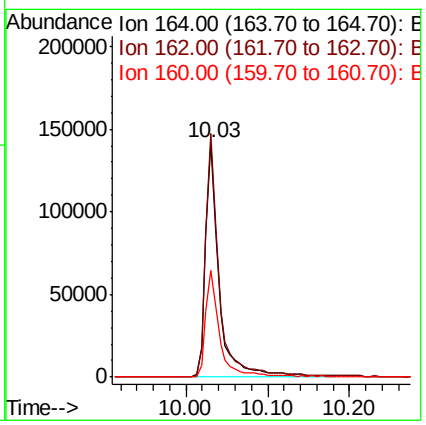


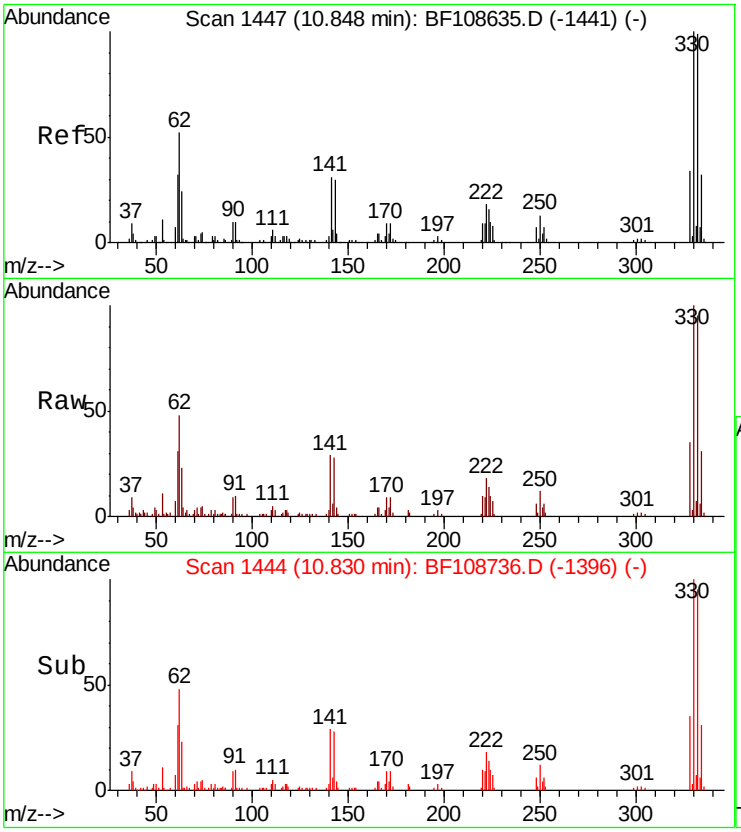


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:164 Resp: 164892

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	45.7	38.3	57.5



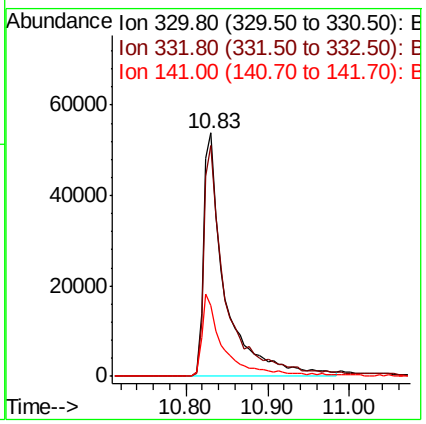


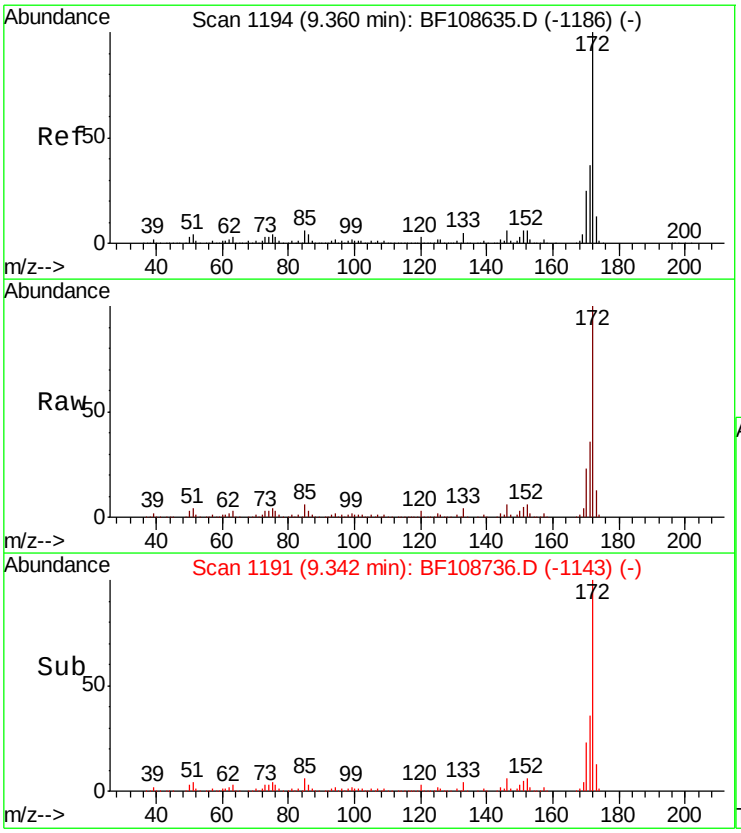
#41
2,4,6-Tribromophenol
Concen: 45.279 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 98562

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	35.1	29.9	44.9

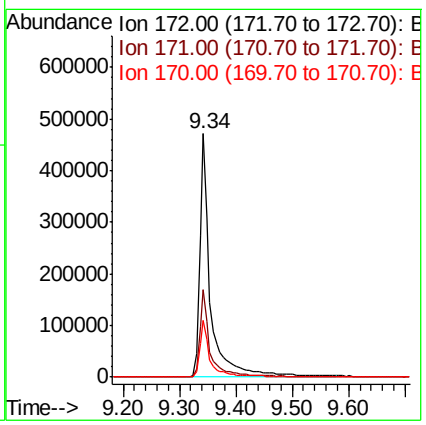


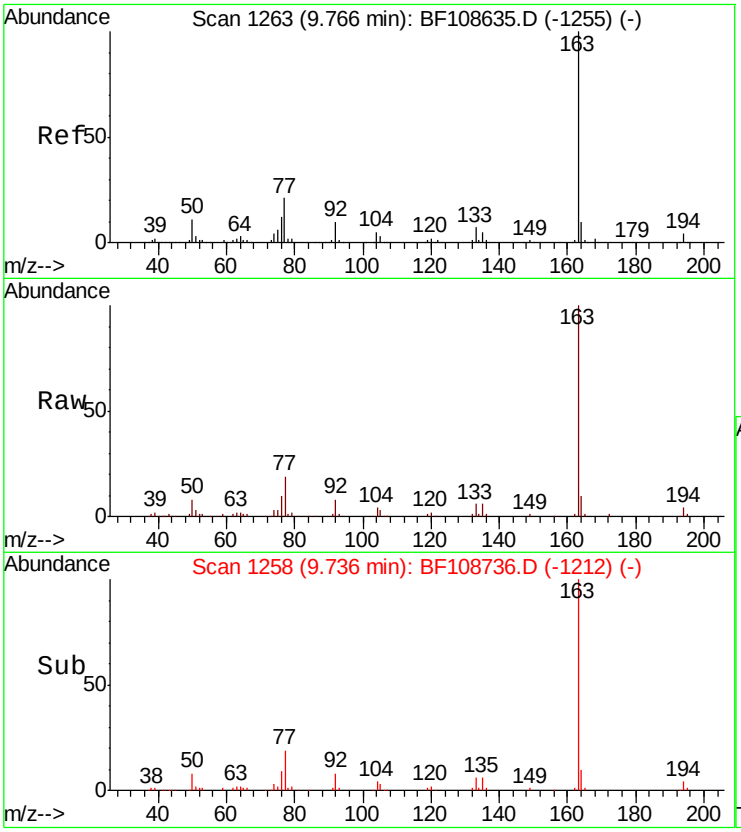


#44
2-Fluorobiphenyl
Concen: 51.393 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:172 Resp: 630256

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.1	19.6	29.4



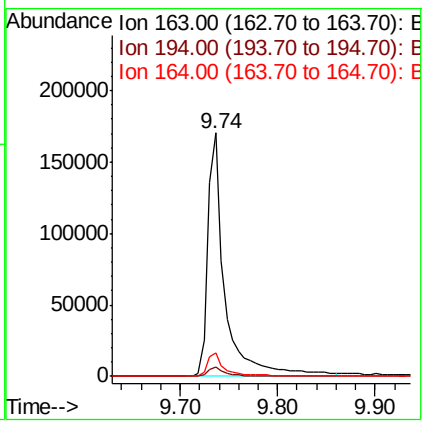


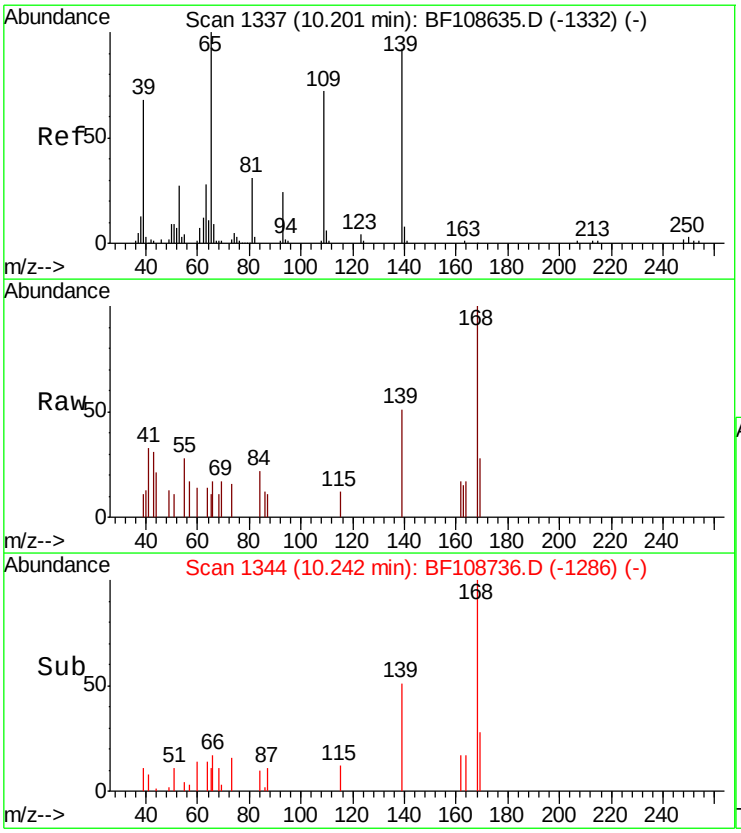
#49
Dimethylphthalate
Concen: 15.907 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 206549

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.2	12.2

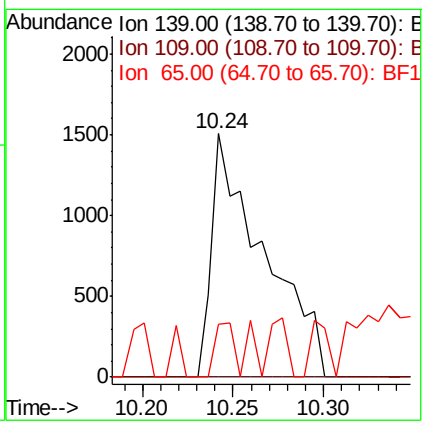


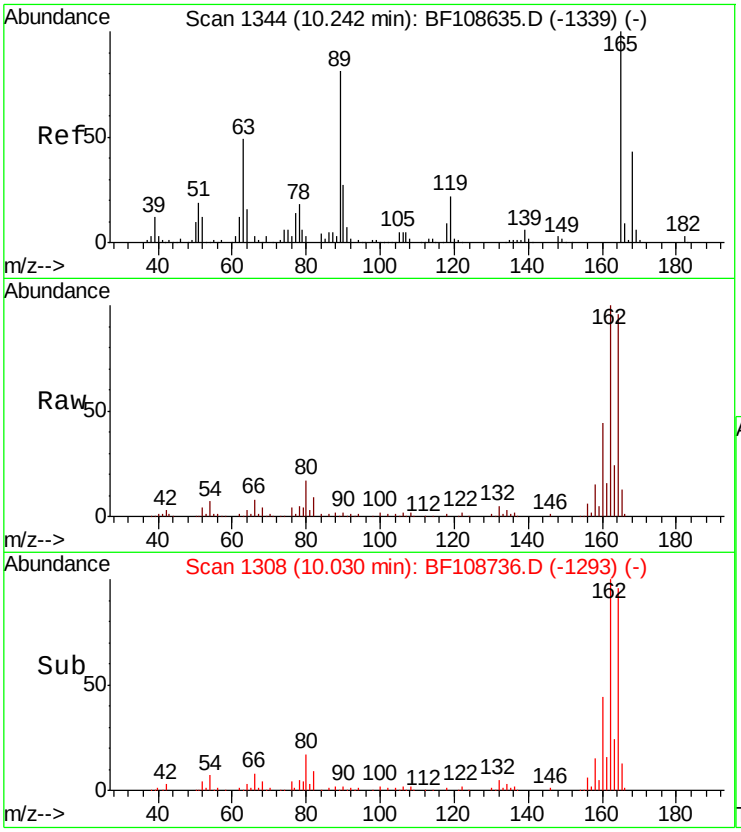


#55
4-Nitrophenol
Concen: 6.194 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.04 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:139 Resp: 3013

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	21.6	72.6	112.6#



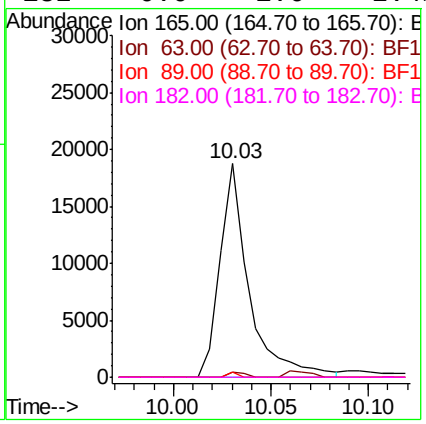


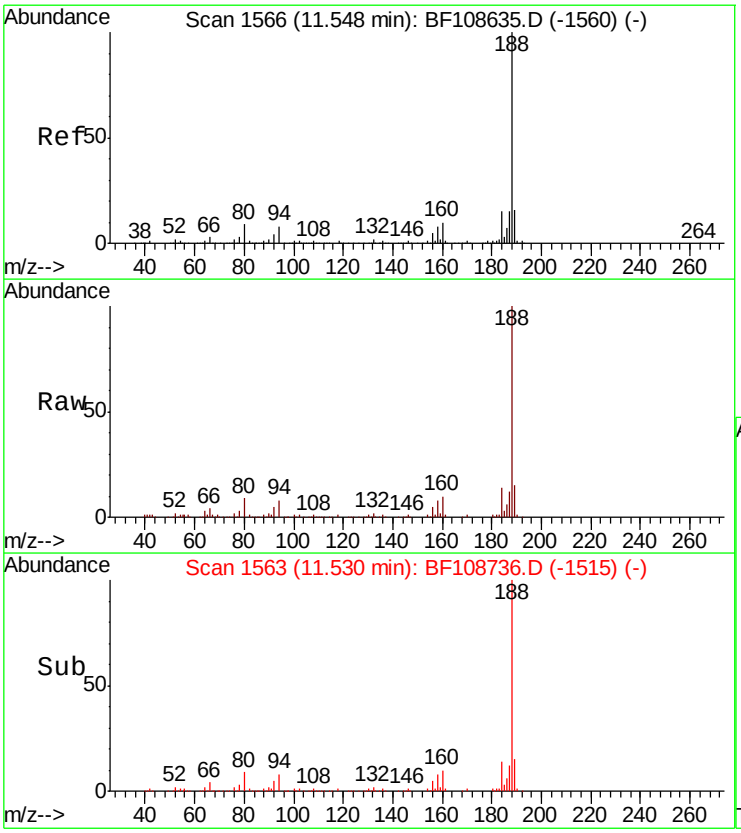
#56
2,4-Dinitrotoluene
Concen: 5.123 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 19414

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	2.5	57.8	86.6#
182	0.0	1.6	2.4#

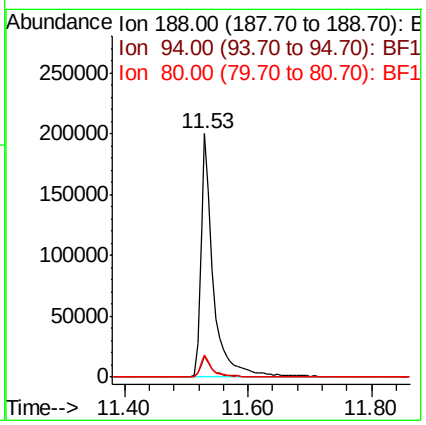


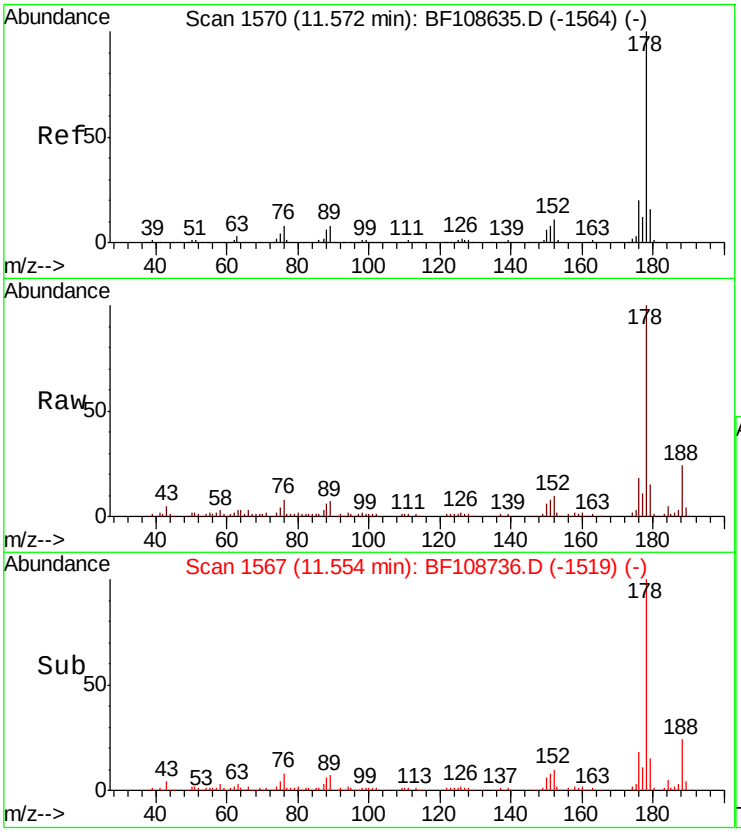


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:188 Resp: 283789

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.0	9.2	13.8#



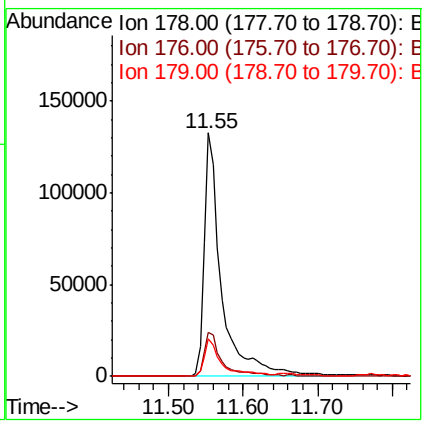


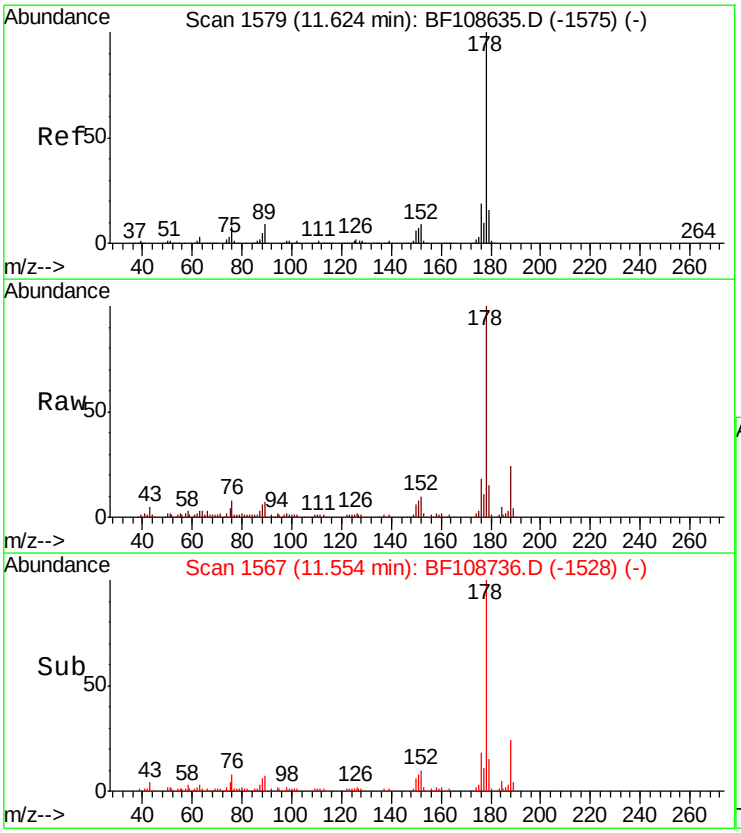
#70
Phenanthrene
Concen: 15.074 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 215922

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.2	13.0	19.6

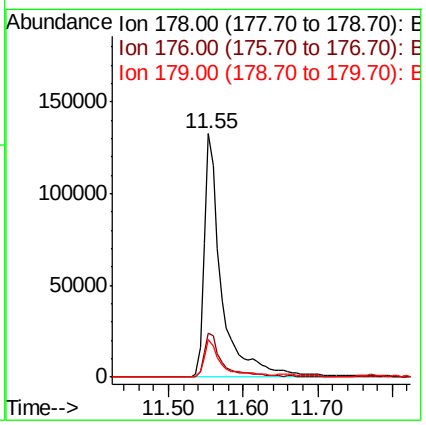


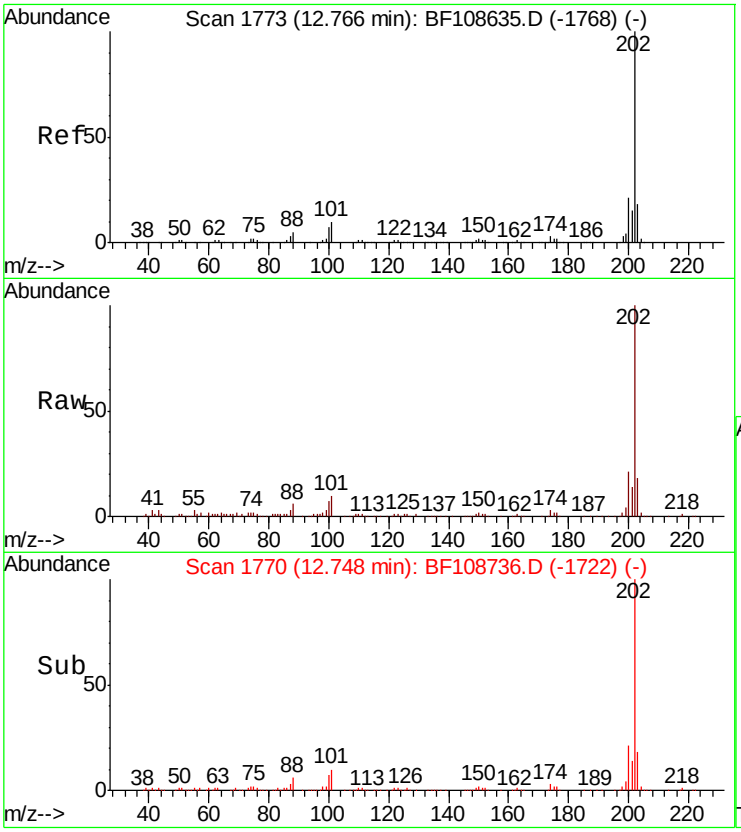


#71
Anthracene
Concen: 14.346 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.07 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:178 Resp: 215922

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.2	12.6	19.0



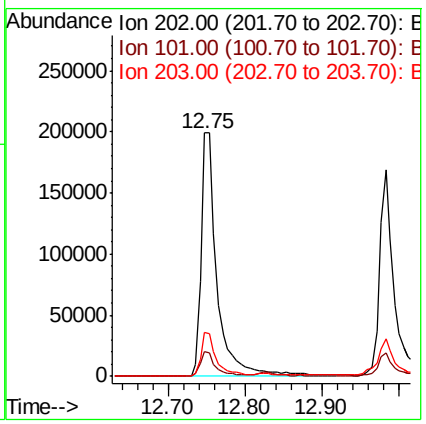


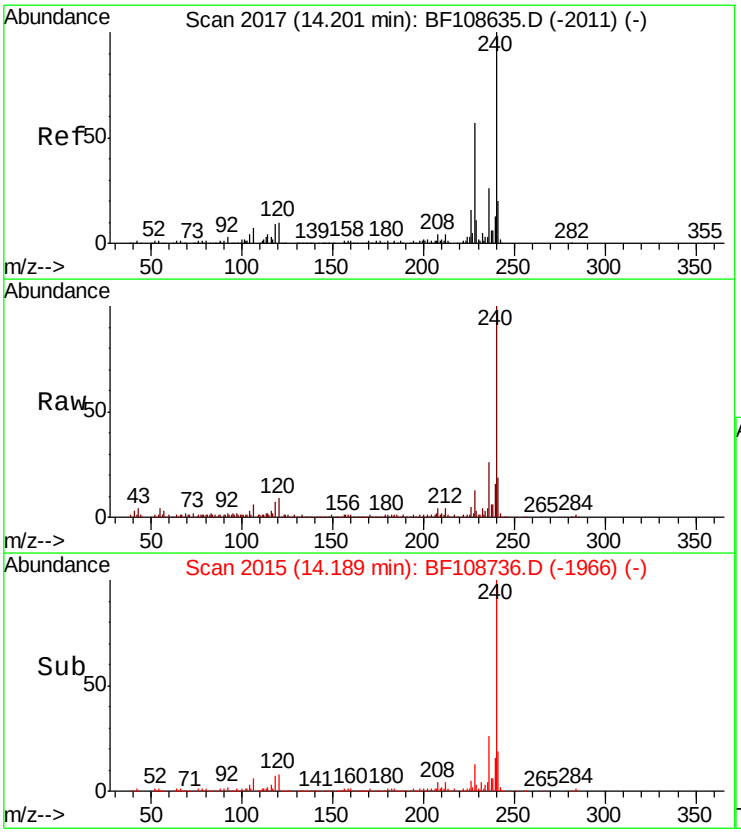
#74
Fluoranthene
Concen: 17.859 ng
RT: 12.75 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 287952

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.8	0.0	38.1

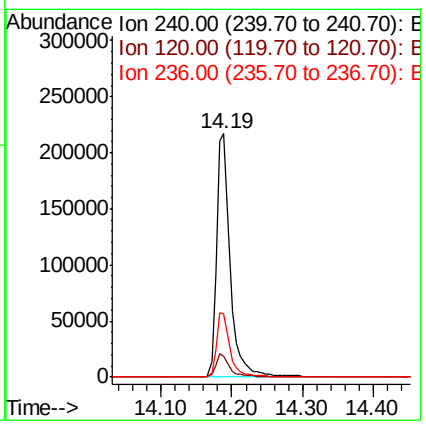


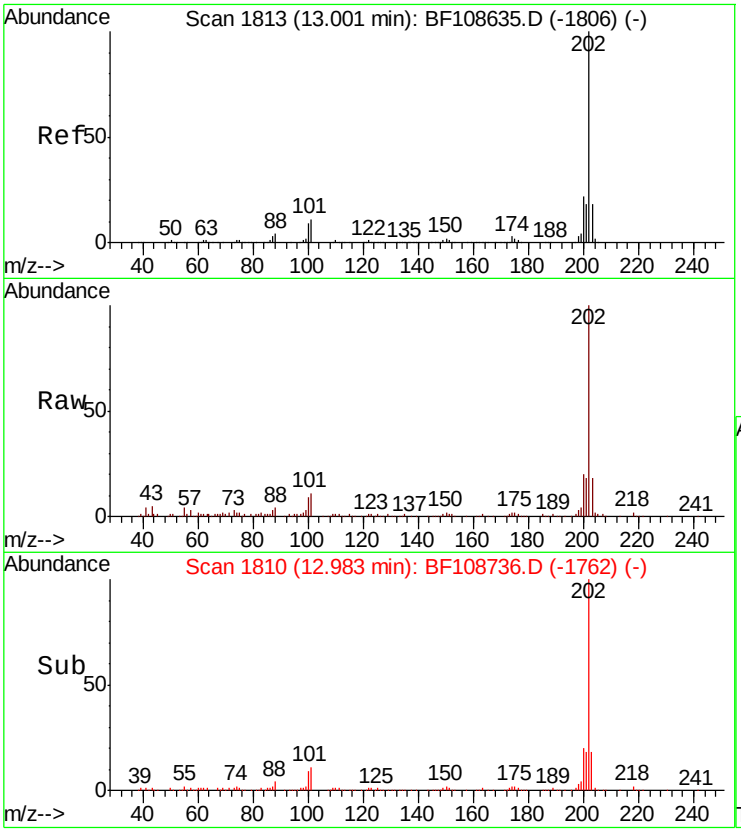


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:240 Resp: 290210

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.0	20.7	31.1



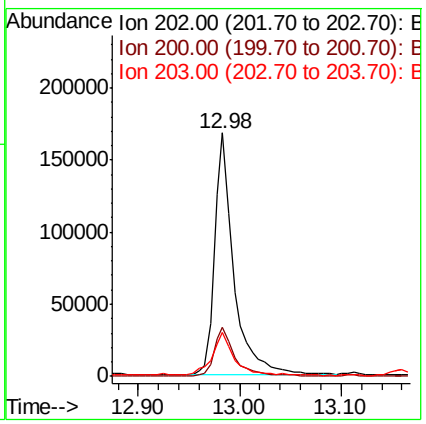


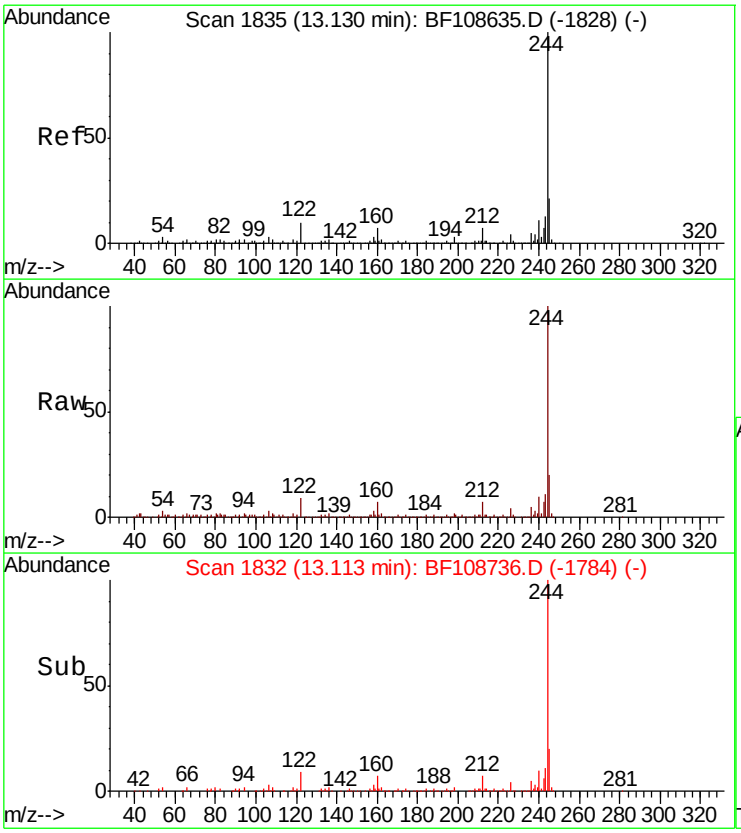
#77
Pyrene
Concen: 10.195 ng
RT: 12.98 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 222416

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	18.1	14.3	21.5

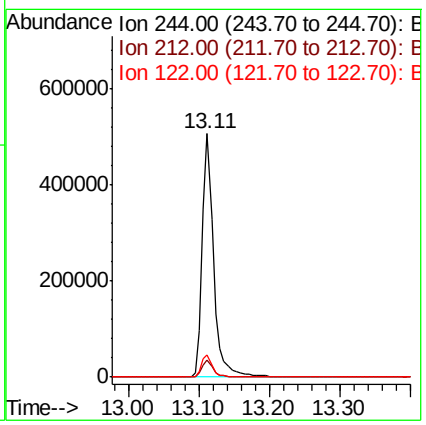


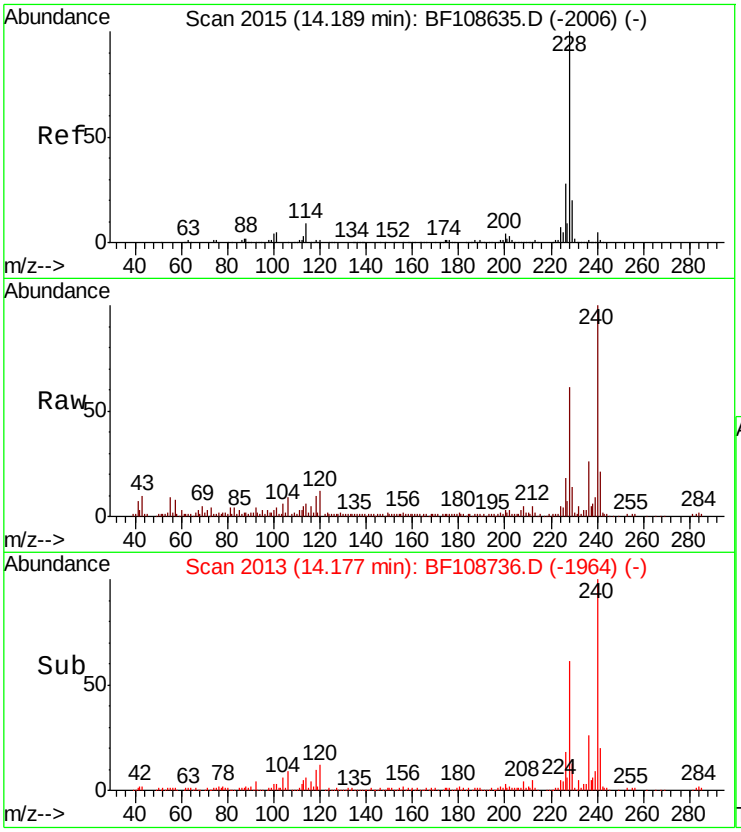


#78
Terphenyl-d14
Concen: 38.206 ng
RT: 13.11 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:244 Resp: 570660

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4#



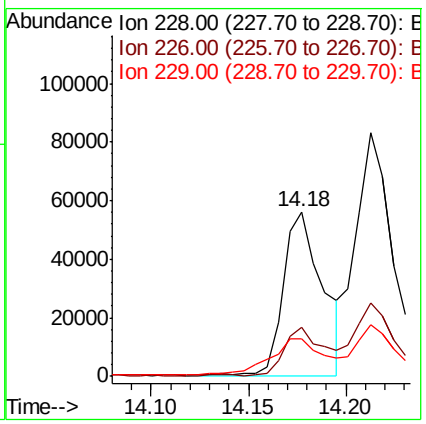


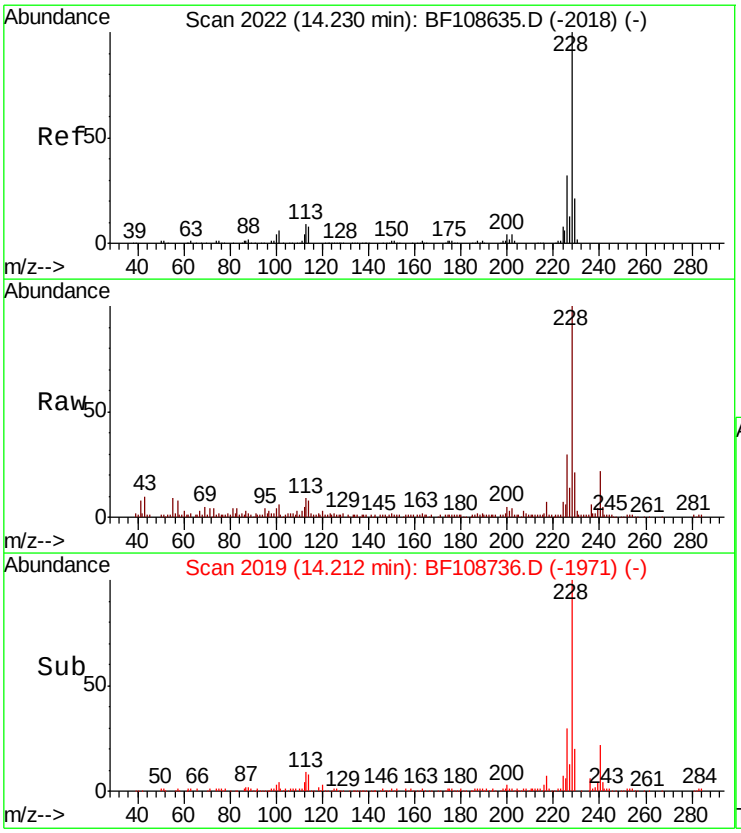
#80
Benzo(a)anthracene
Concen: 4.501 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 79640

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	22.6	15.8	23.6

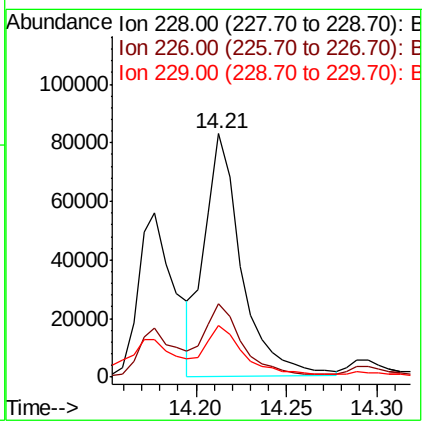


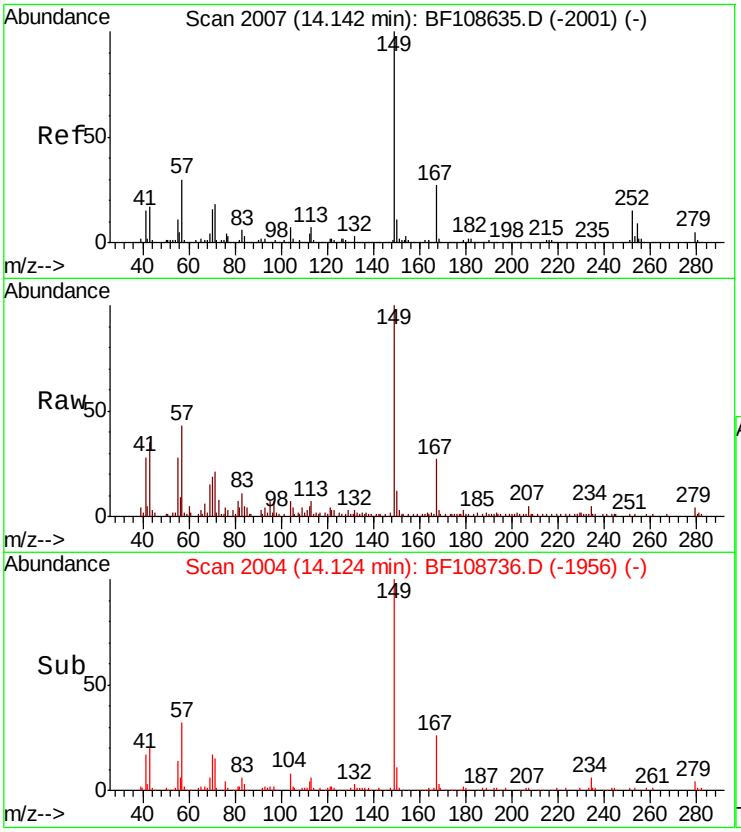


#82
Chrysene
Concen: 6.892 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:228 Resp: 117264

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.1	16.2	24.4



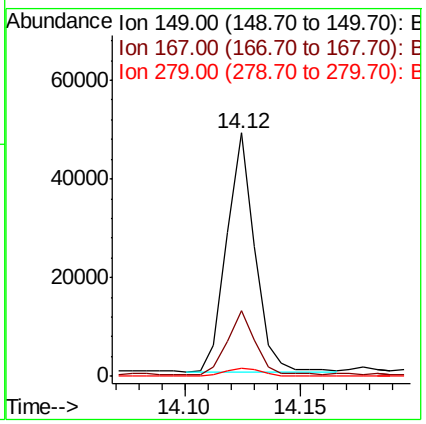


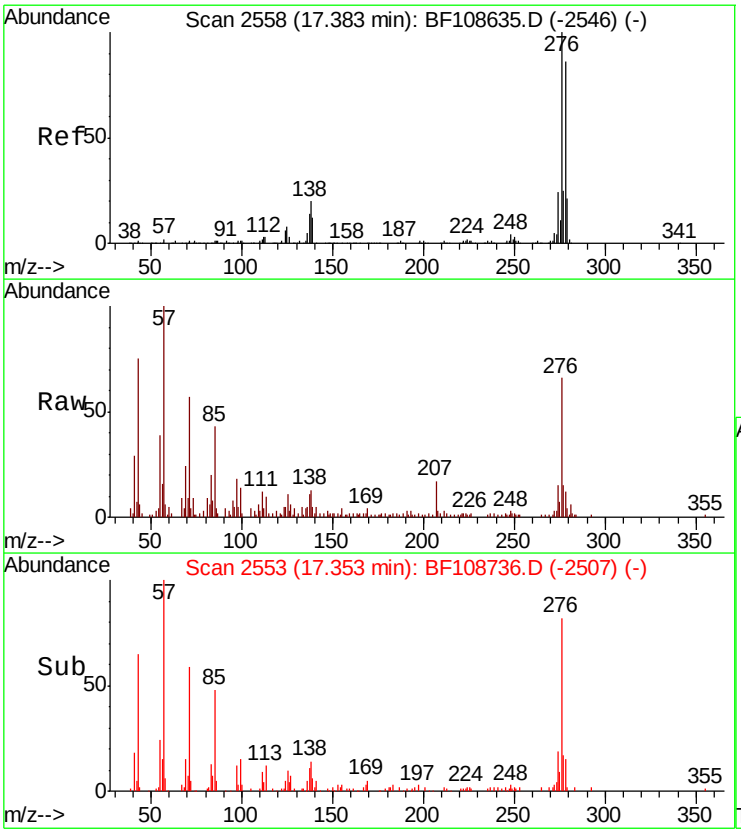
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.460 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 40793

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.6	3.0	4.4

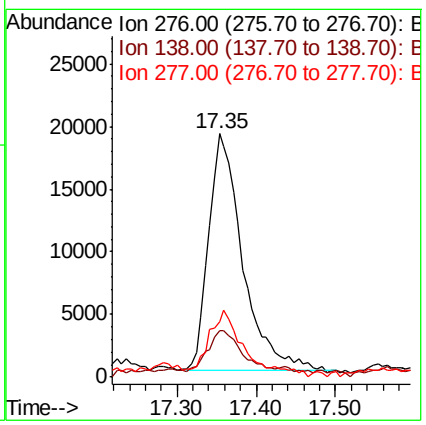


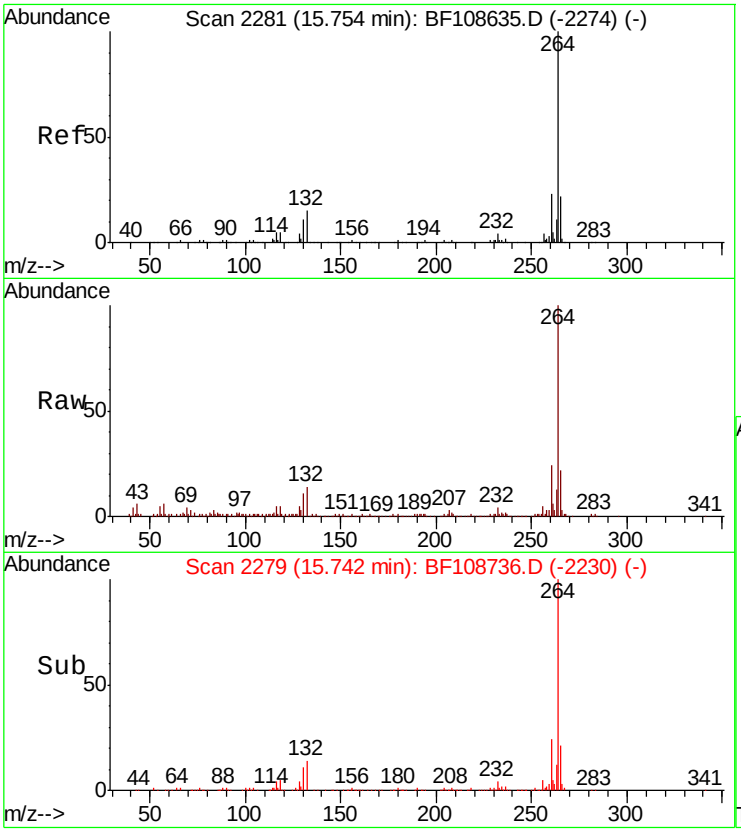


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.781 ng
RT: 17.35 min Scan# 2553
Delta R.T. -0.03 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:276 Resp: 56565

Ion	Ratio	Lower	Upper
276	100		
138	16.6	25.0	37.6#
277	29.8	20.1	30.1



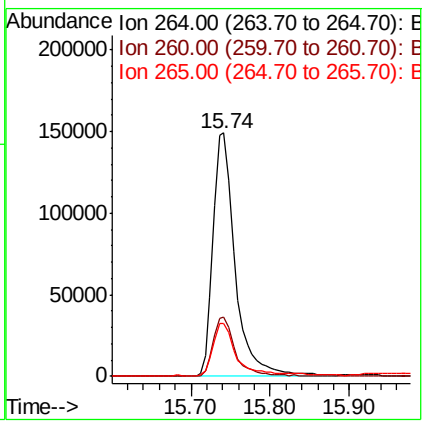


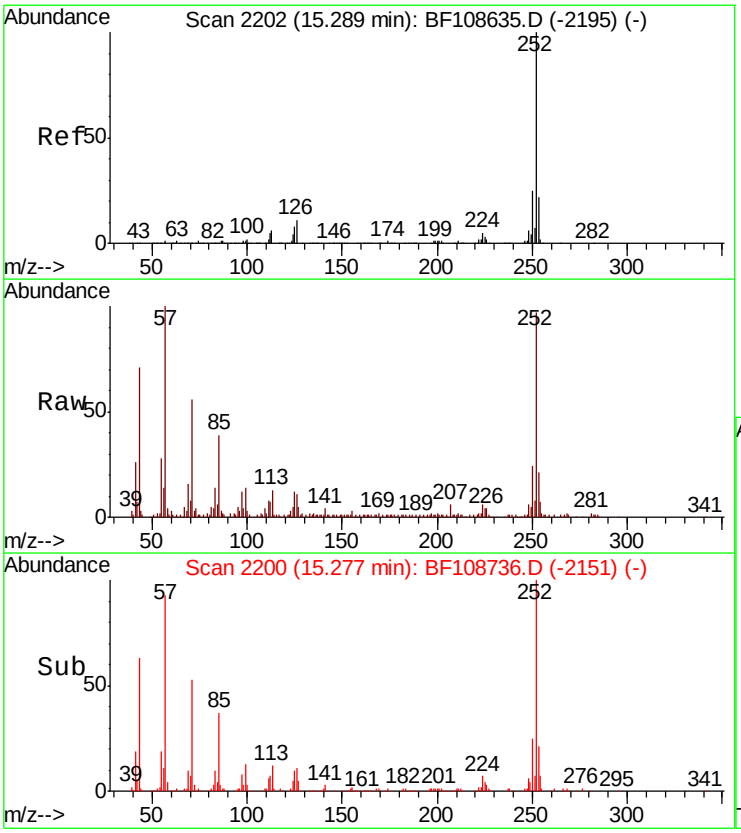
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 291264

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3

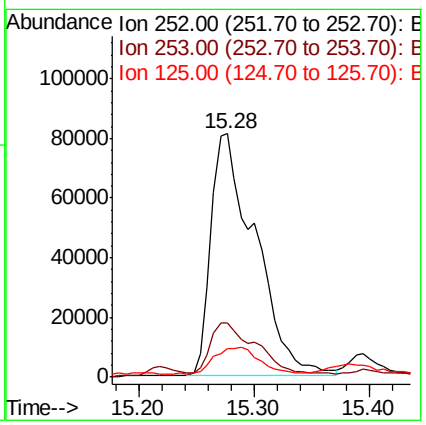


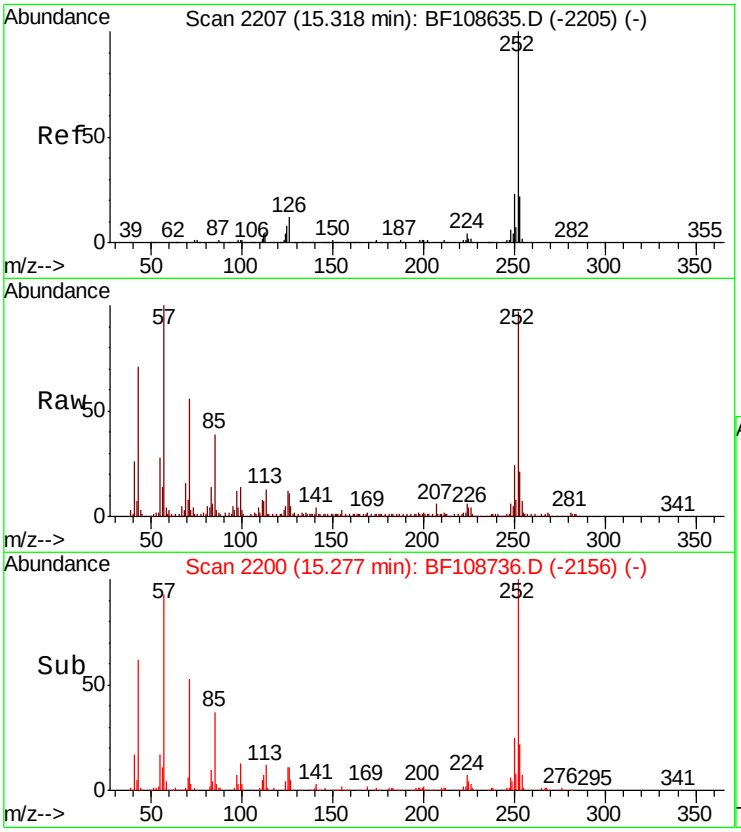


#87
Benzo(b)fluoranthene
Concen: 12.133 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:252 Resp: 217079

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.9	9.0	13.6



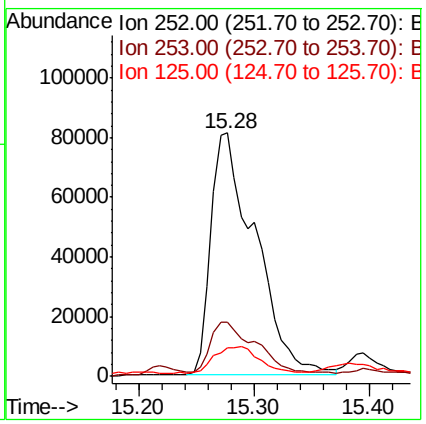


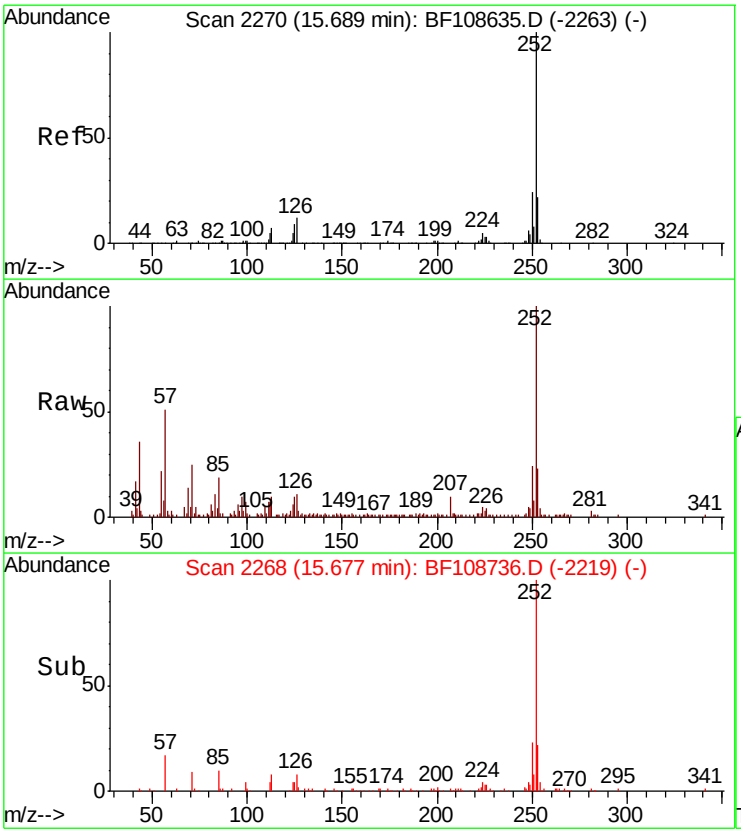
#88
Benzo(k)fluoranthene
Concen: 12.248 ng
RT: 15.28 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 217079

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.9	10.2	15.2

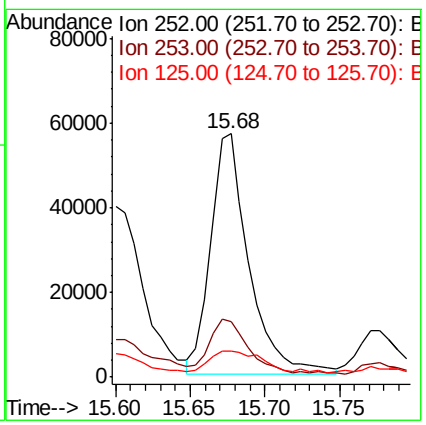


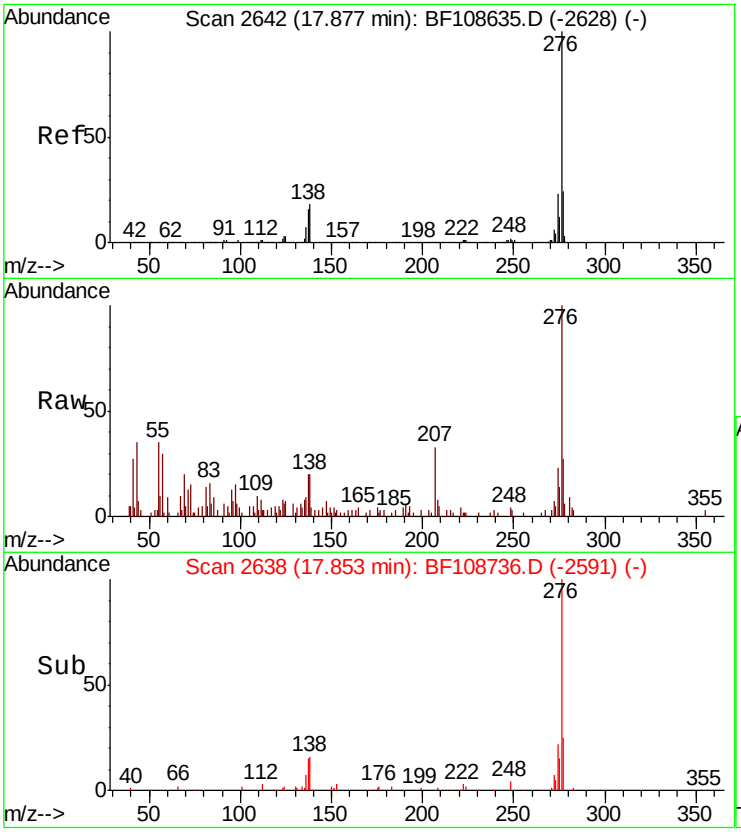


#89
Benzo(a)pyrene
Concen: 6.260 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Tgt Ion:252 Resp: 101223

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	10.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.223 ng
RT: 17.85 min Scan# 2638
Delta R.T. -0.02 min
Lab File: BF108736.D
Acq: 4 Sep 2018 13:14

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 53000

Ion	Ratio	Lower	Upper
276	100		
277	27.3	17.9	26.9#
138	19.8	21.8	32.8#