Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108888.D
Acq On : 10 Sep 2018 13:09
Operator : JU/SJ
Sample : J4769-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 14:48:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	222853	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	854869	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	412563	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	730417	20.00	ng		0.00
75) Chrysene-d12	13.87	240	503064	20.00	ng		0.00
86) Perylene-d12	15.28	264	602027	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	398528	29.63	ng		0.00
7) Phenol-d6	6.36	99	512271	29.60	ng		0.00
23) Nitrobenzene-d5	7.29	82	308164	22.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	104907	26.64	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	614854	25.42	ng		0.00
78) Terphenyl-d14	12.82	244	493003	22.85	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	40633	3.377	ng	#	76
25) Isophorone	7.29	82	304759	11.185	ng	#	64
32) Benzoic acid	7.80	122	256	4.052	ng	#	37
49) Dimethylphthalate	9.48	163	152221	5.275	ng		98
56) 2,4-Dinitrotoluene	9.77	165	55451	7.886	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.54	198	124	6.905	ng	#	1
70) Phenanthrene	11.27	178	136844	3.923	ng		97
74) Fluoranthene	12.45	202	373002	10.801	ng		98
77) Pyrene	12.68	202	395954	10.229	ng		98
80) Benzo(a)anthracene	13.89	228	238292	7.390	ng		96
82) Chrysene	13.89	228	238292	7.634	ng		97
87) Benzo(b)fluoranthene	14.88	252	498519	15.229	ng		96
88) Benzo(k)fluoranthene	14.88	252	498519	16.537	ng		99
89) Benzo(a)pyrene	15.22	252	293892	9.950	ng		97
91) Benzo(g,h,i)perylene	17.04	276	183209	7.030	ng		95

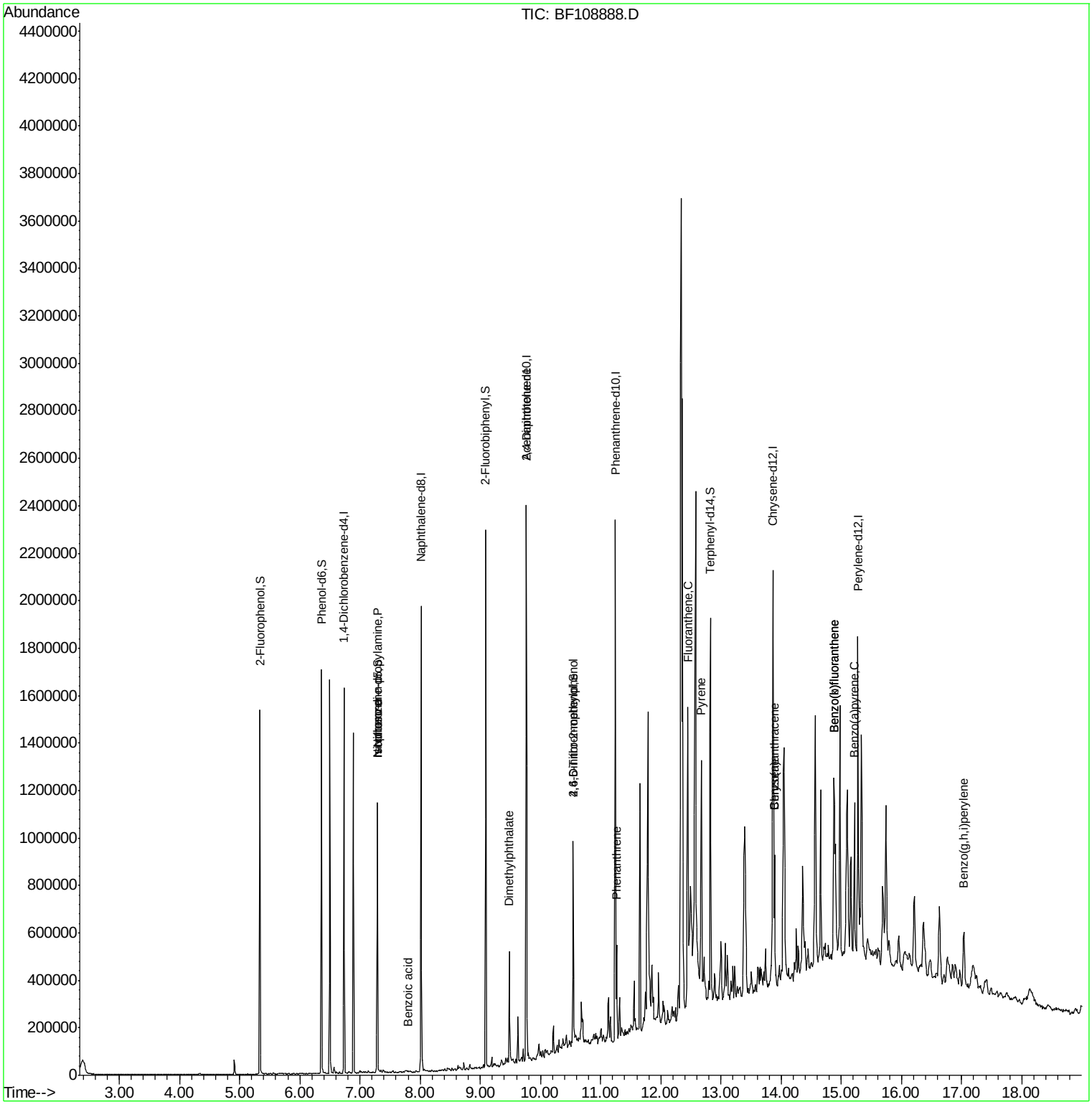
(#) = qualifier out of range (m) = manual integration (+) = signals summed

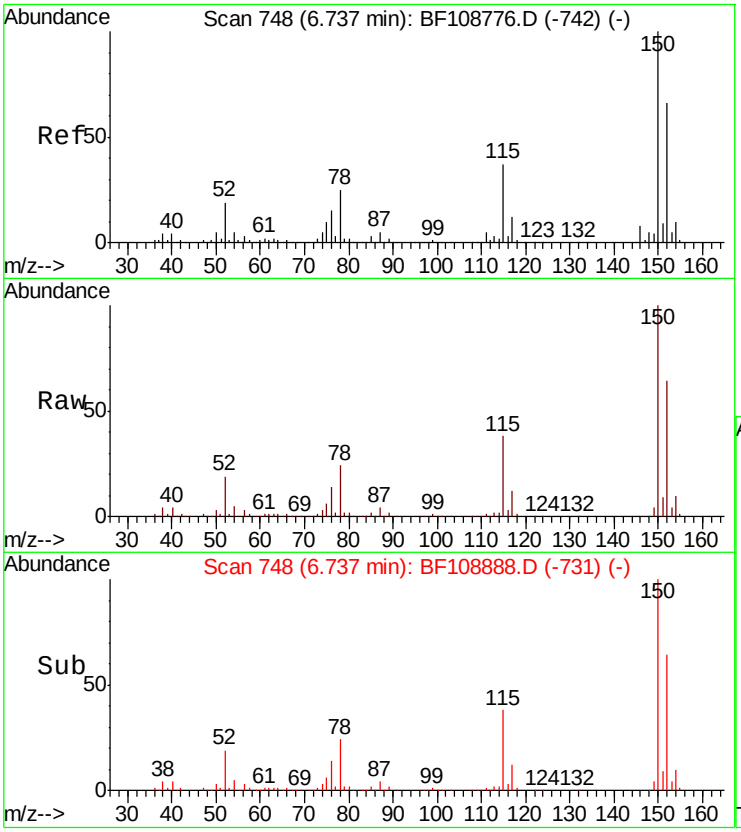
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108888.D
Acq On : 10 Sep 2018 13:09
Operator : JU/SJ
Sample : J4769-01 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 10 14:48:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



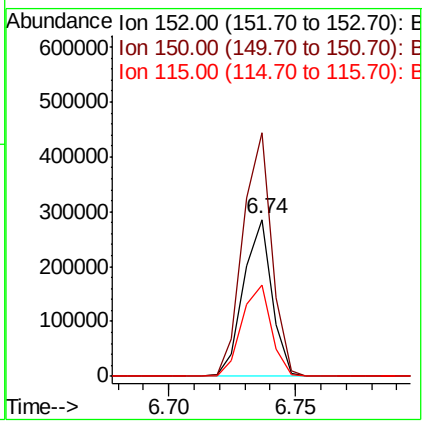


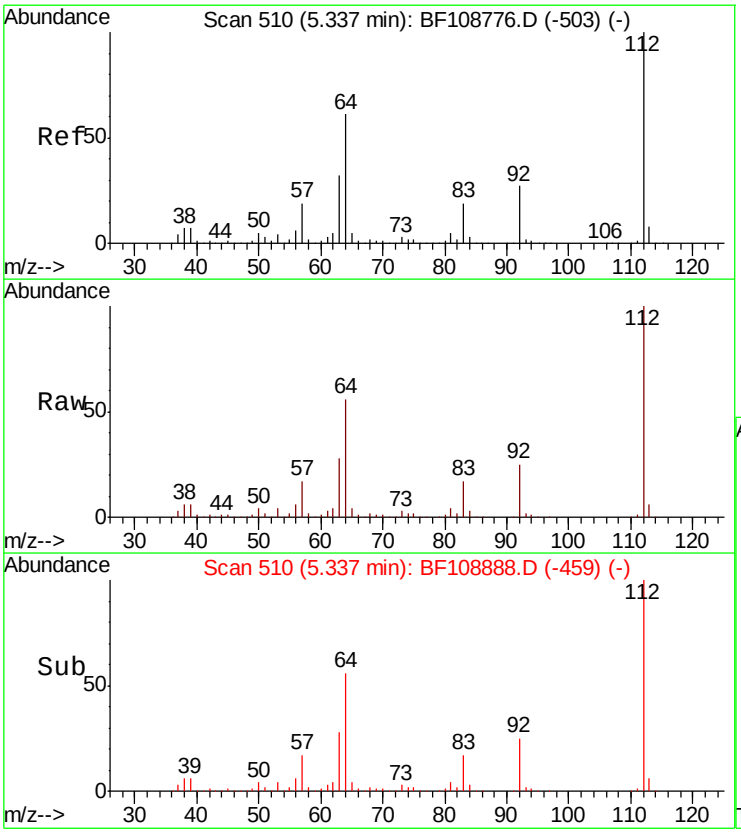
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 222853

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.5	50.1	75.1

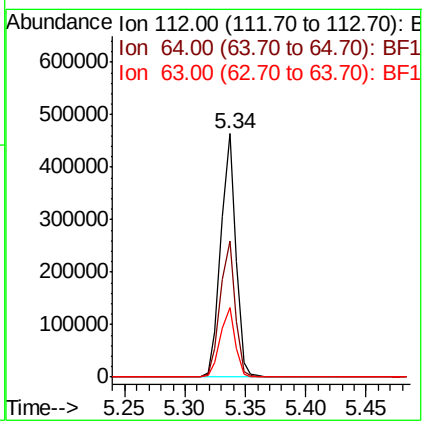


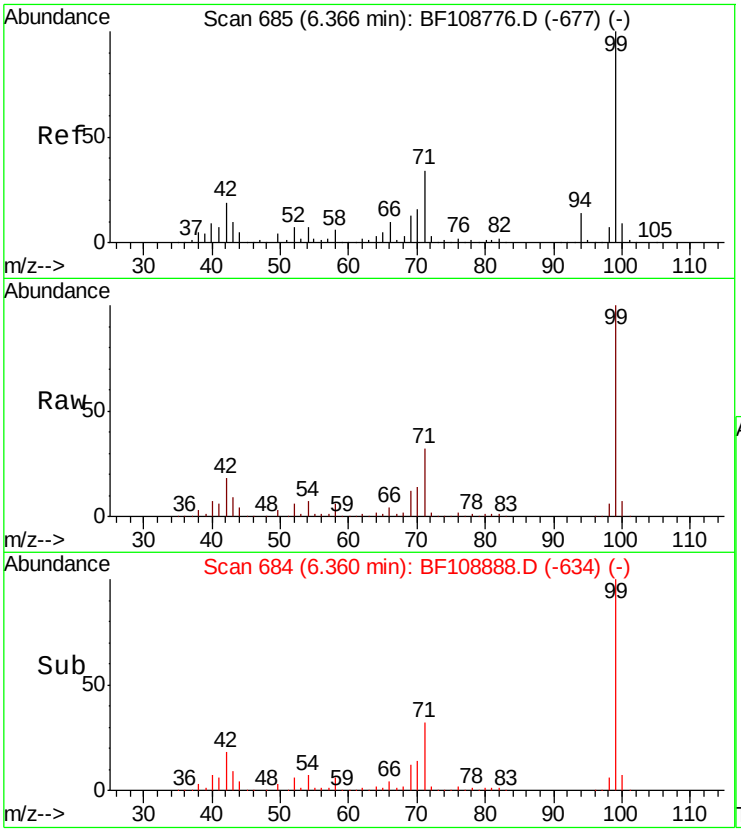


#5
2-Fluorophenol
Concen: 29.626 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:112 Resp: 398528

Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.9	71.9
63	28.5	23.7	35.5



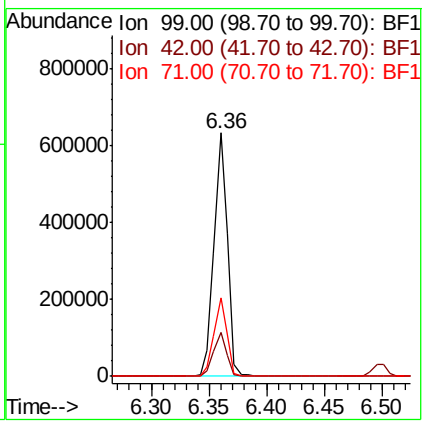


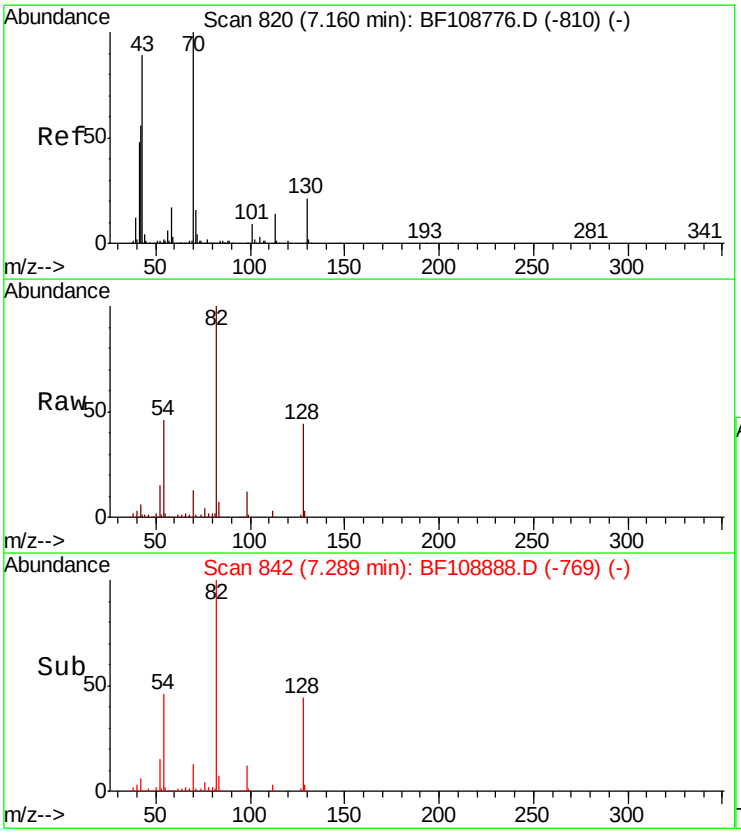
#7
Phenol-d6
Concen: 29.597 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 512271

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.4	25.4	38.0

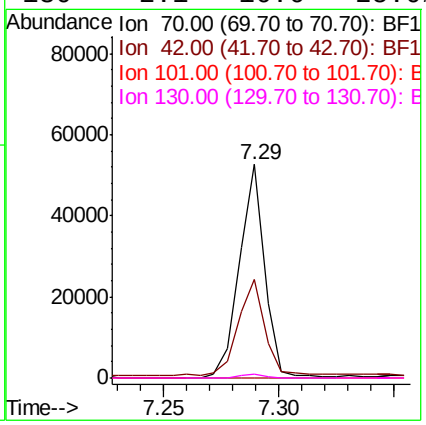


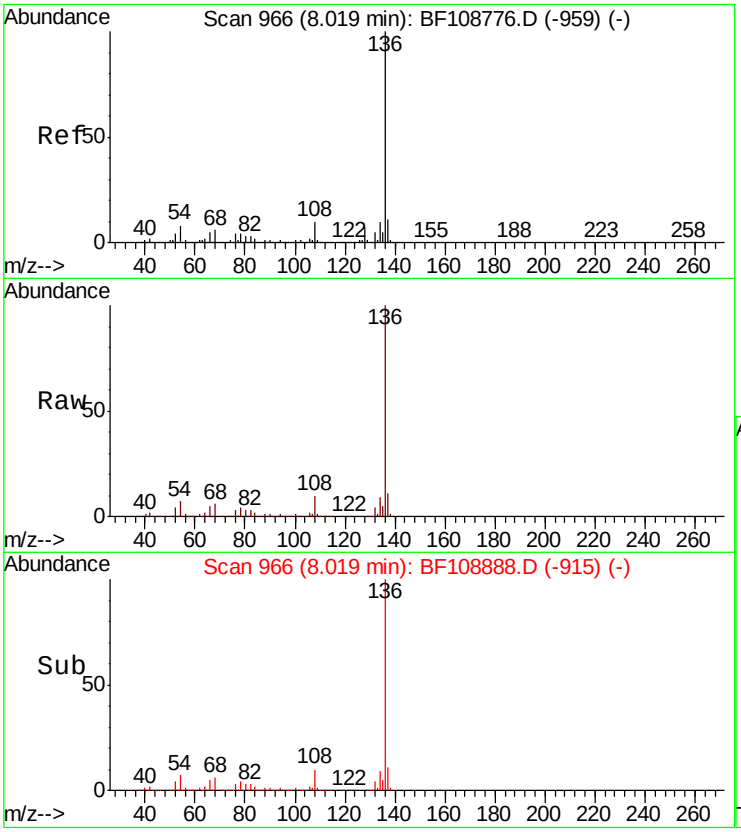


#19
n-Nitroso-di-n-propylamine
Concen: 3.377 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion: 70 Resp: 40633

Ion	Ratio	Lower	Upper
70	100		
42	46.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



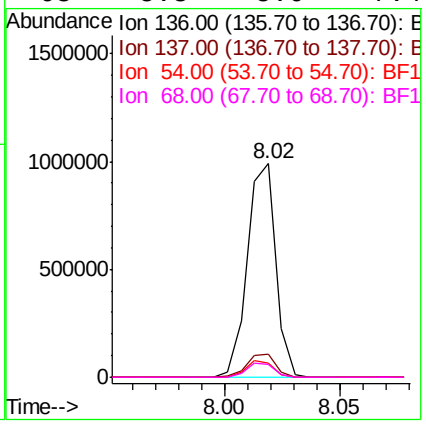


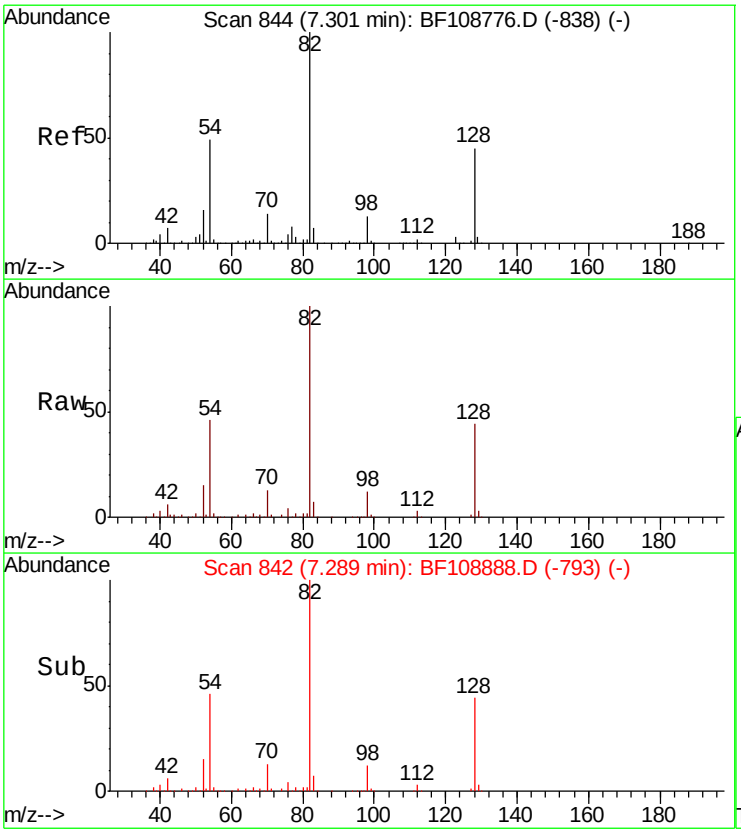
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 854869

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.8	5.0	7.4

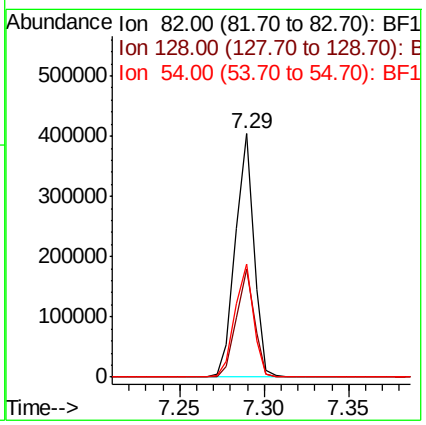


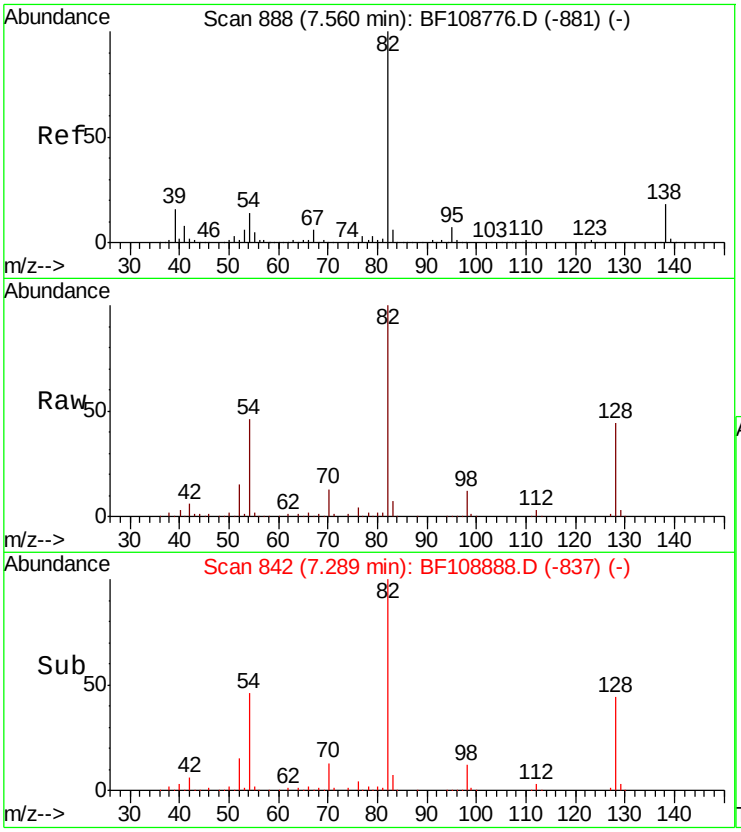


#23
Nitrobenzene-d5
Concen: 22.559 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion: 82 Resp: 308164

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	46.5	41.4	62.2



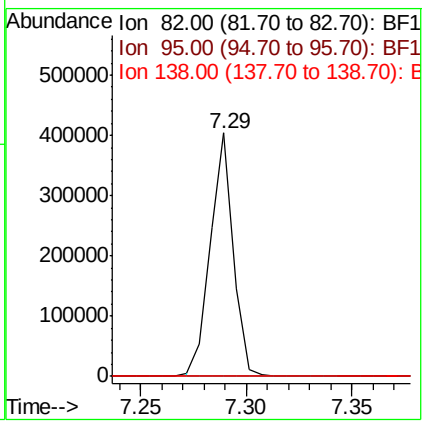


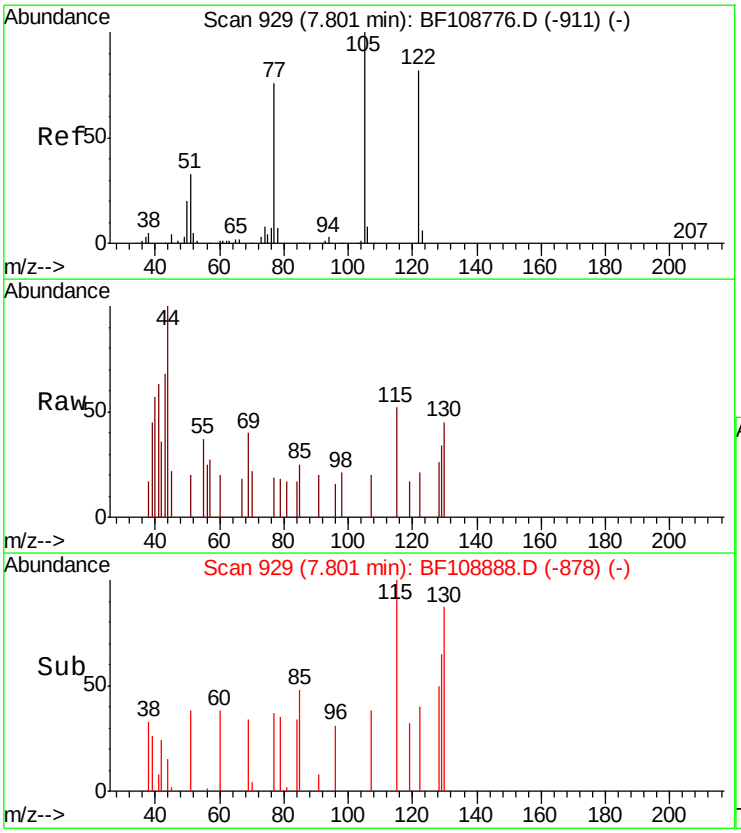
#25
Isophorone
Concen: 11.185 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 304759

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

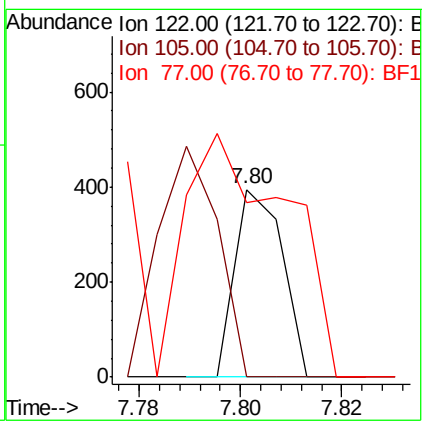


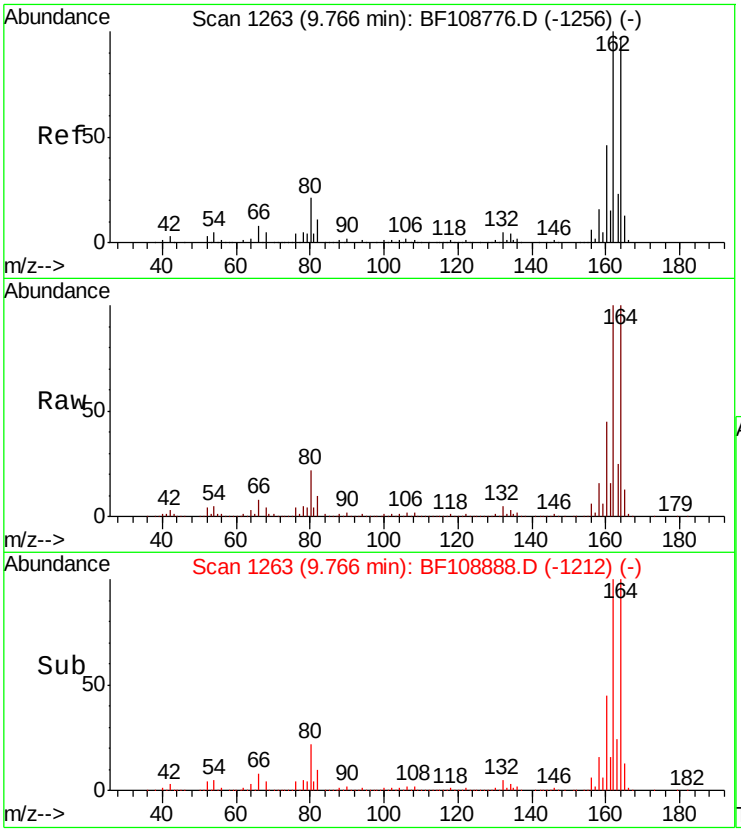


#32
Benzoic acid
Concen: 4.052 ng
RT: 7.80 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:122 Resp: 256

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	92.7	70.7	110.7



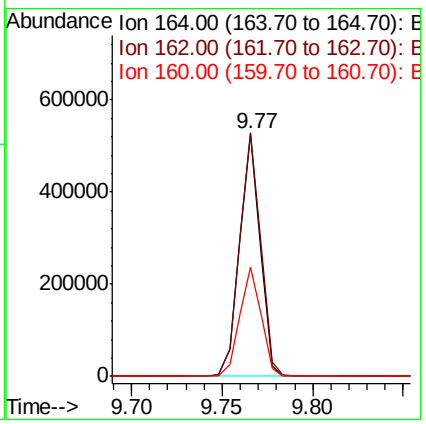


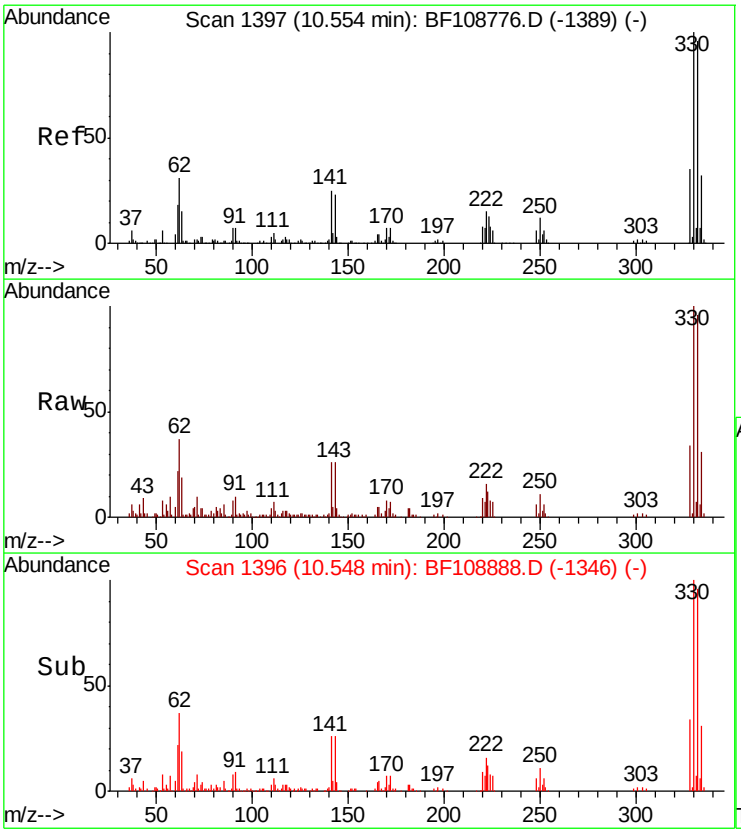
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 412563

Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	45.0	38.3	57.5

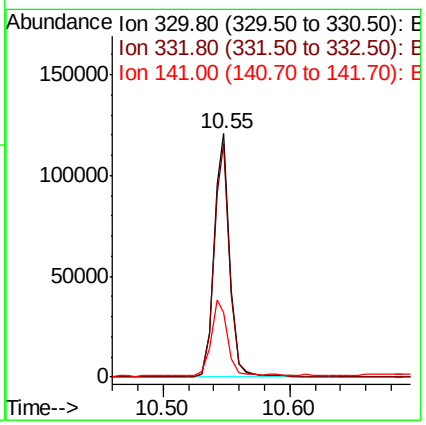


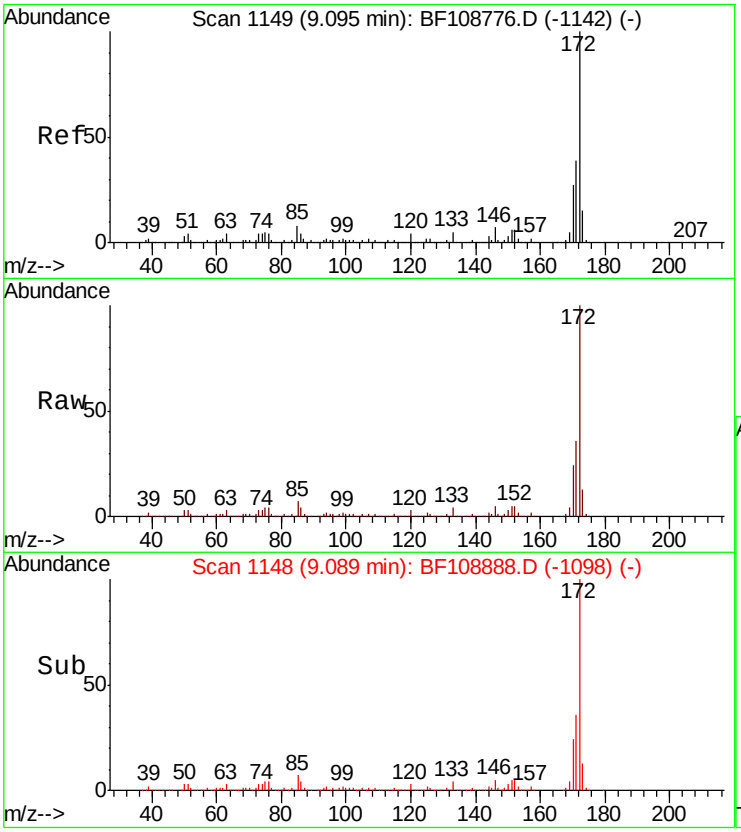


#41
2,4,6-Tribromophenol
Concen: 26.636 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:330 Resp: 104907

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.3	29.9	44.9



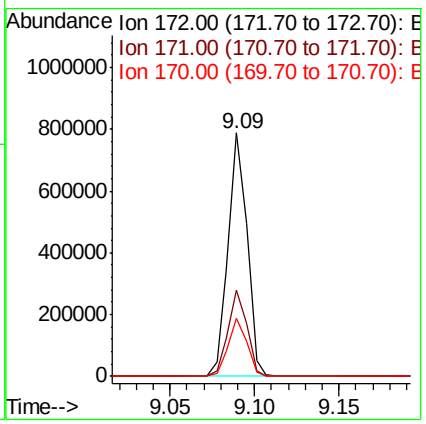


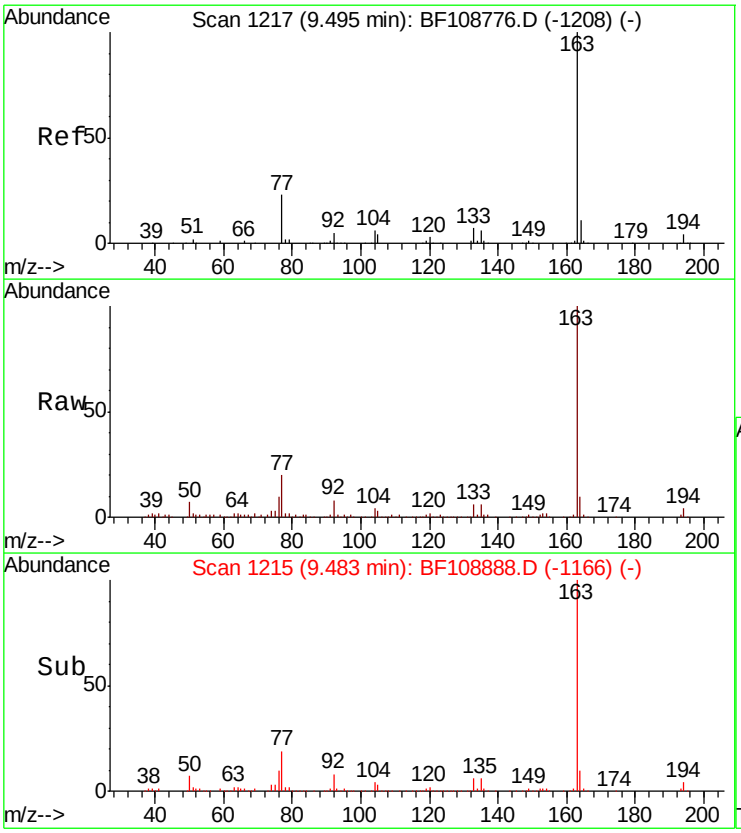
#44
2-Fluorobiphenyl
Concen: 25.425 ng
RT: 9.09 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 614854

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4

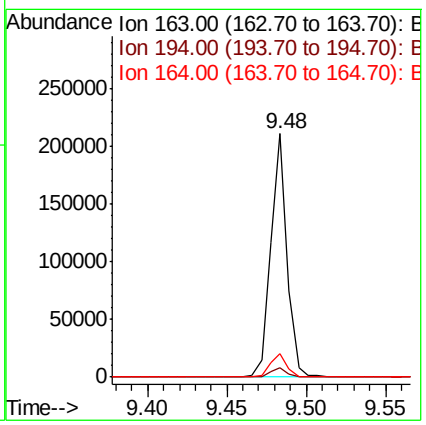


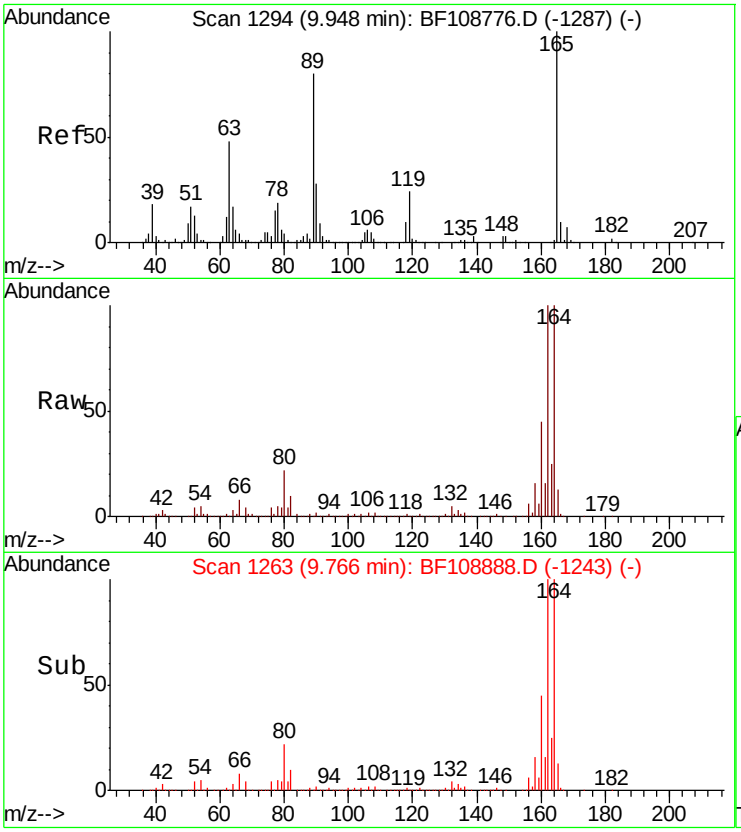


#49
Dimethylphthalate
Concen: 5.275 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:163 Resp: 152221

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.5	8.2	12.2



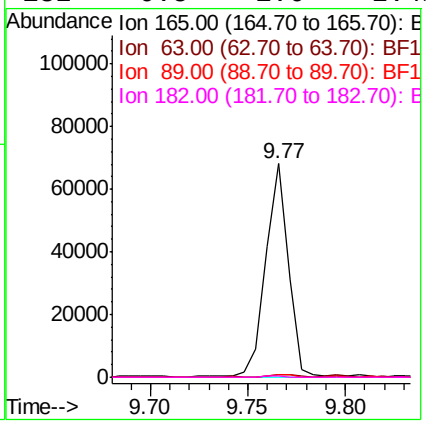


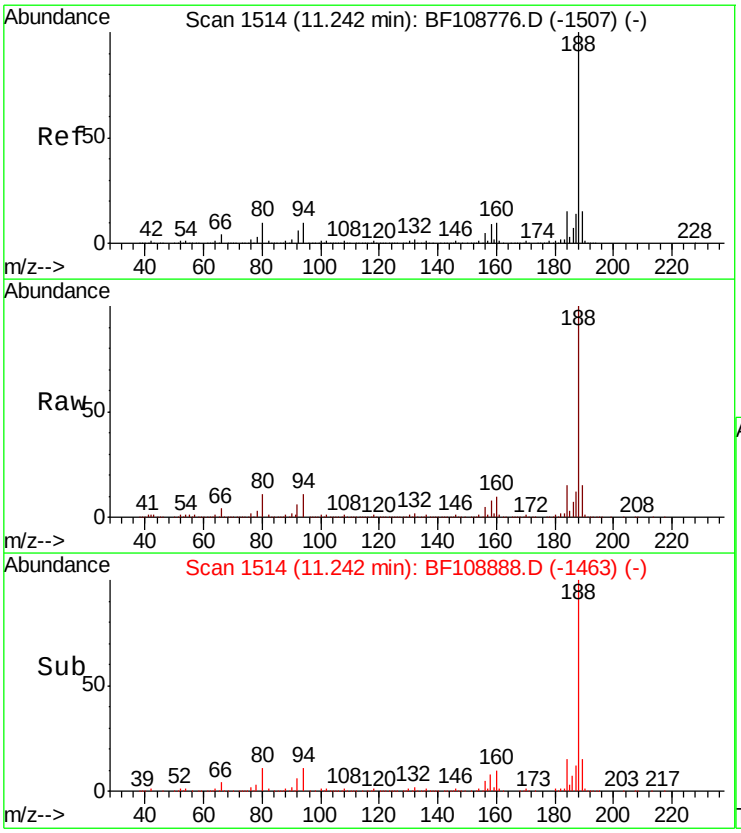
#56
2,4-Dinitrotoluene
Concen: 7.886 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 55451

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.5	1.6	2.4#

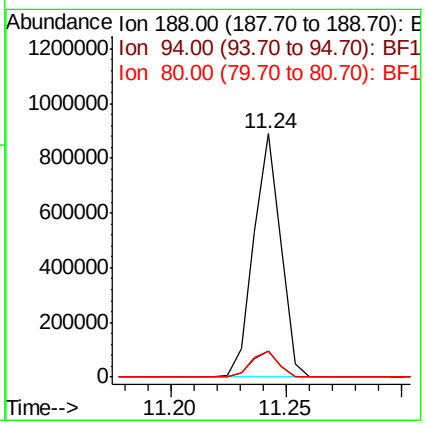


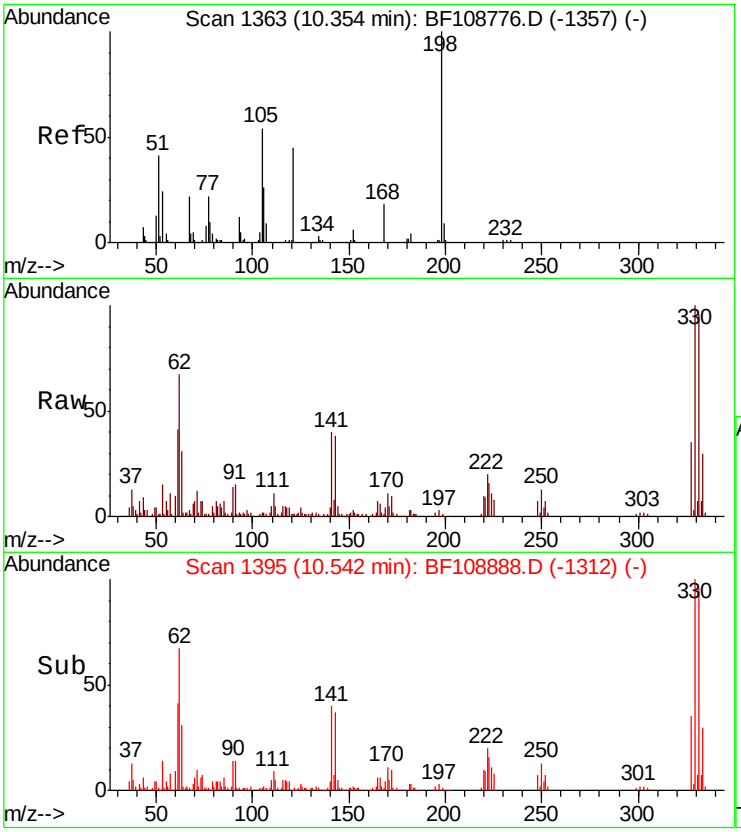


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:188 Resp: 730417

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.7	9.2	13.8



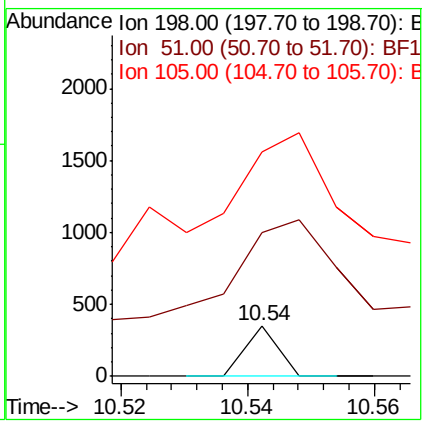


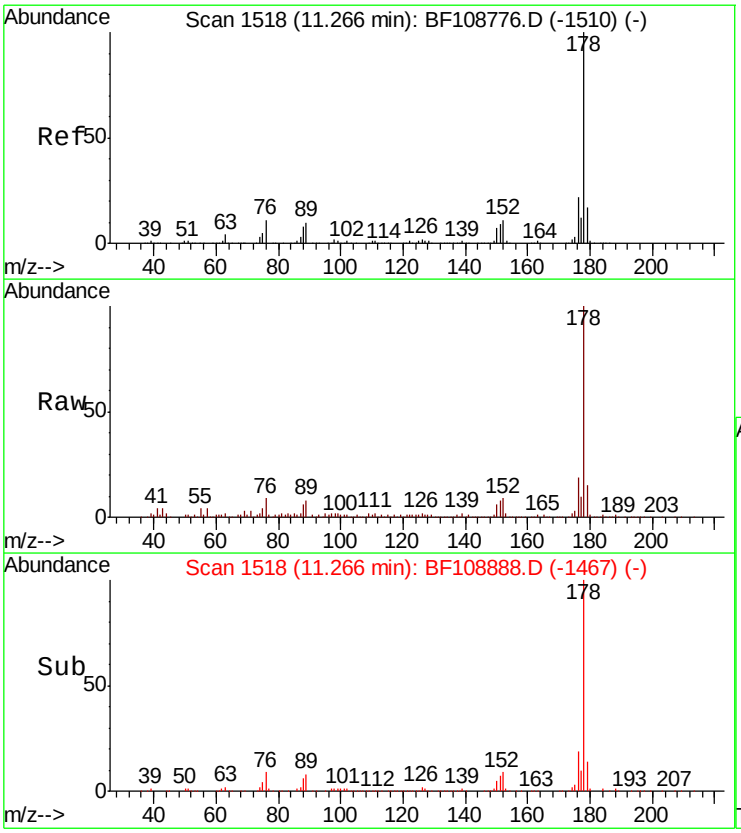
#64
4,6-Dinitro-2-methylphenol
Concen: 6.905 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:198 Resp: 124

Ion	Ratio	Lower	Upper
198	100		
51	284.6	37.7	77.7#
105	443.6	36.3	76.3#

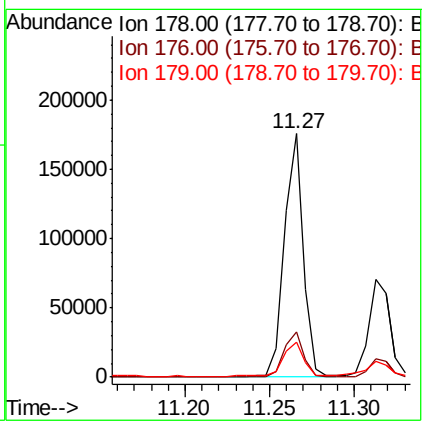


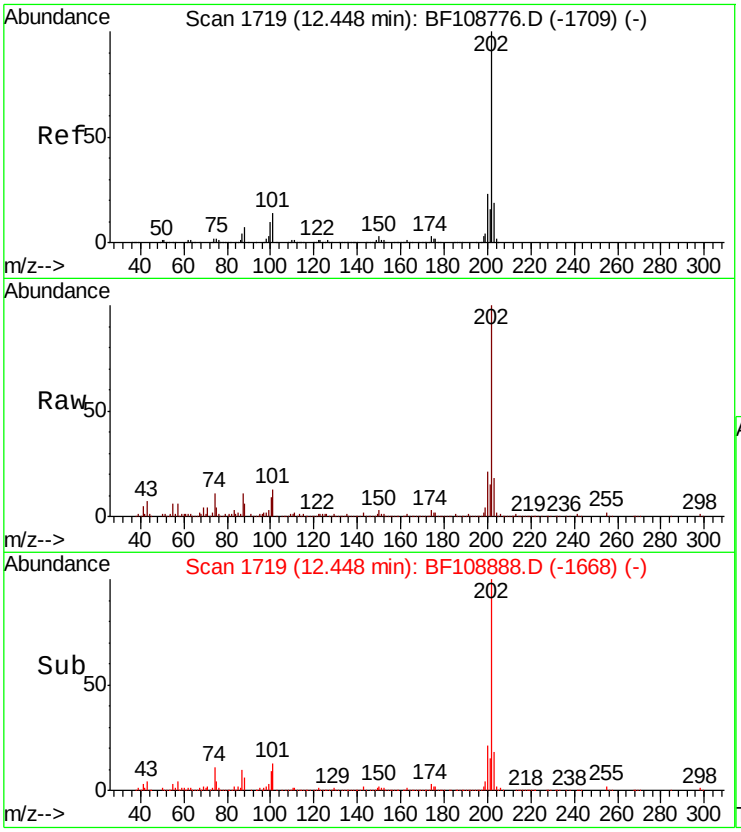


#70
Phenanthrene
Concen: 3.923 ng
RT: 11.27 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:178 Resp: 136844

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.6	13.0	19.6



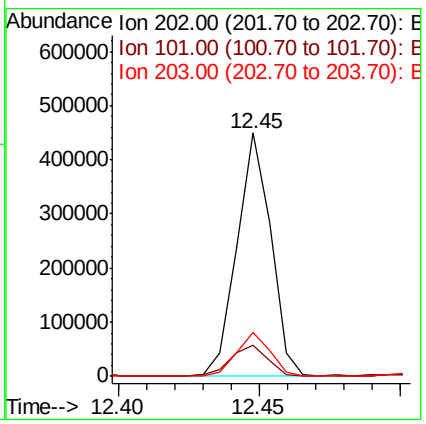


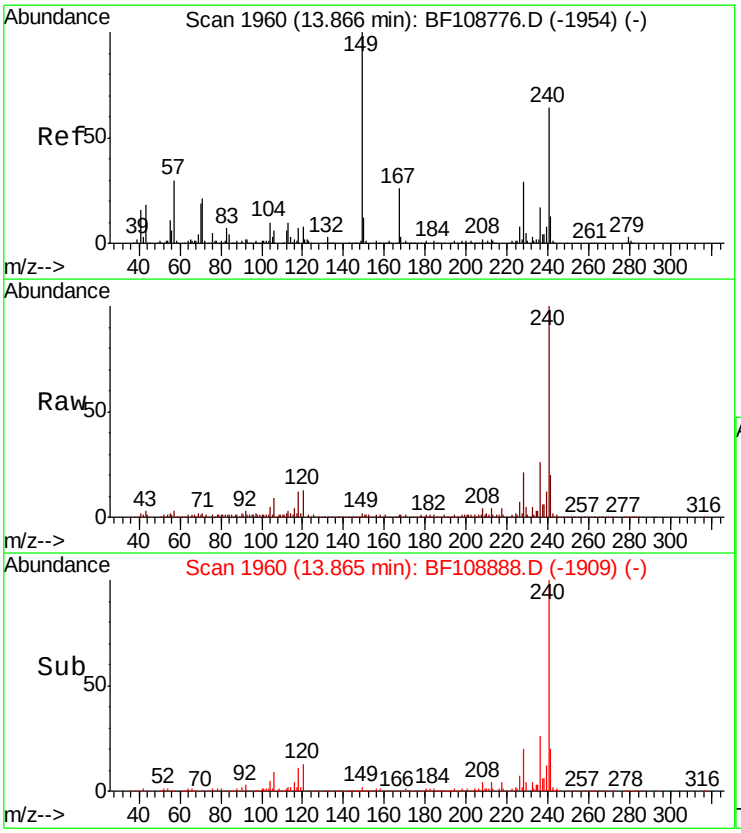
#74
Fluoranthene
Concen: 10.801 ng
RT: 12.45 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 373002

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	18.0	0.0	38.1

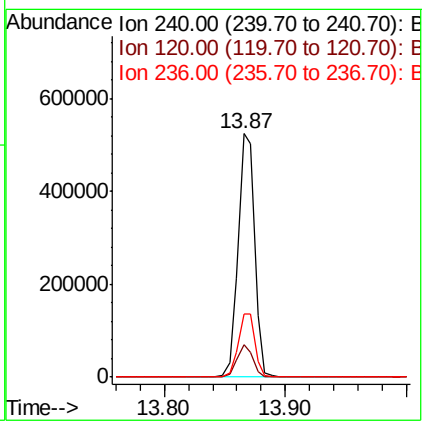


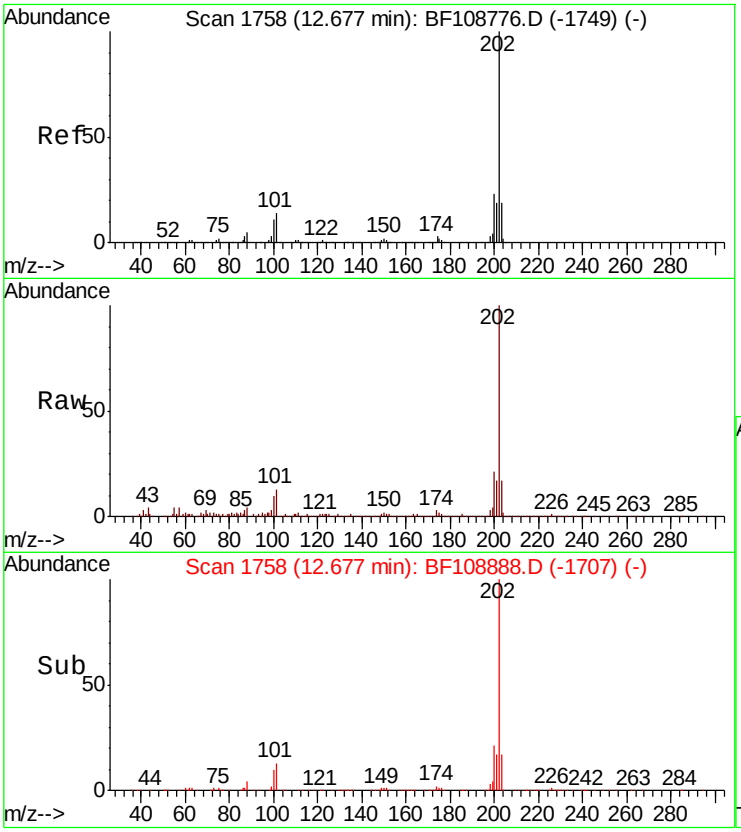


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:240 Resp: 503064

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	26.0	20.7	31.1



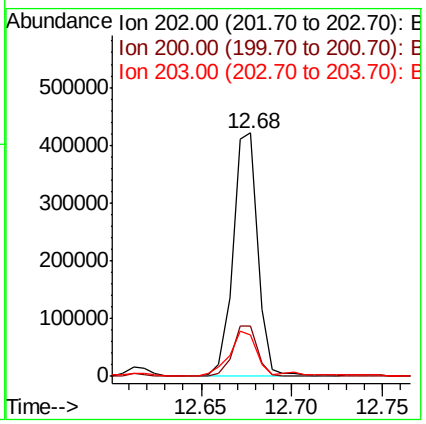


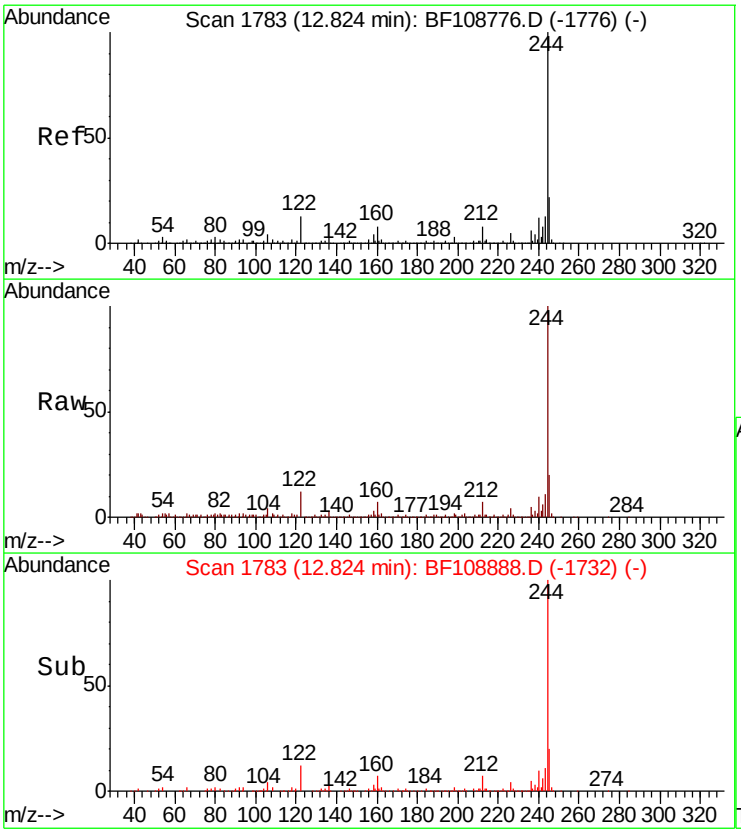
#77
Pyrene
Concen: 10.229 ng
RT: 12.68 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 395954

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.2	14.3	21.5

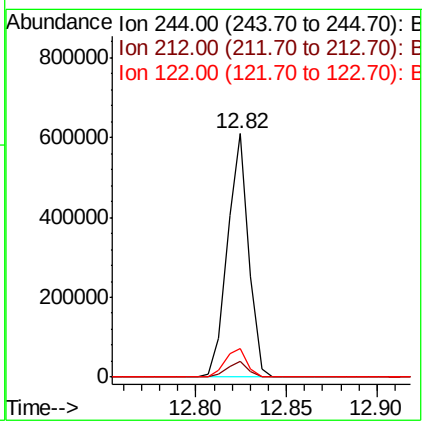


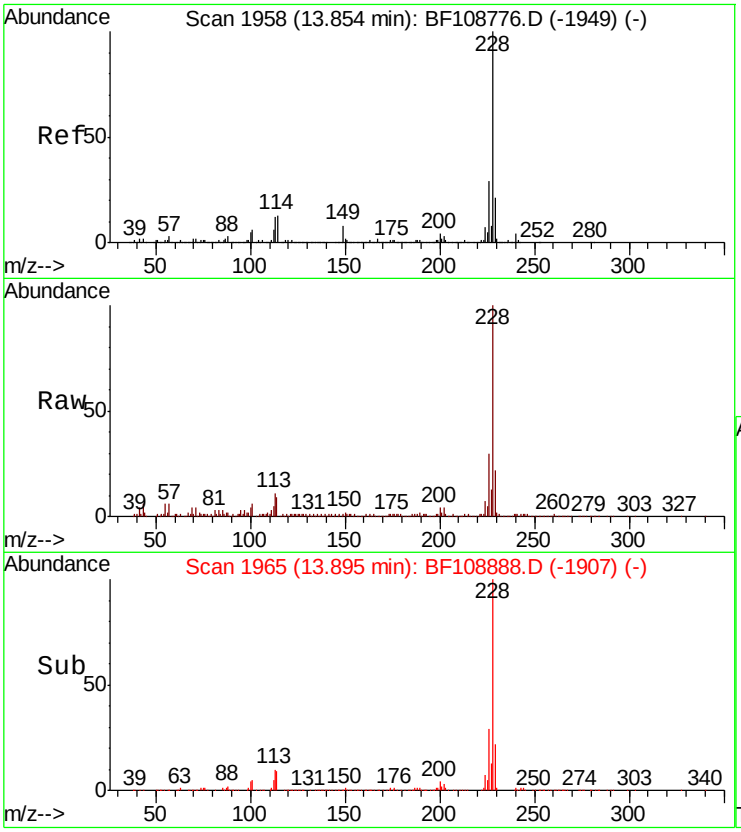


#78
Terphenyl-d14
Concen: 22.853 ng
RT: 12.82 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:244 Resp: 493003

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.8	11.0	16.4



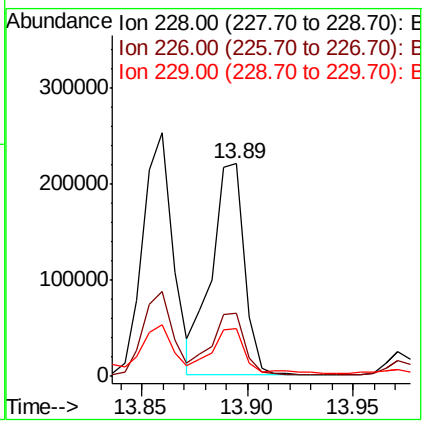


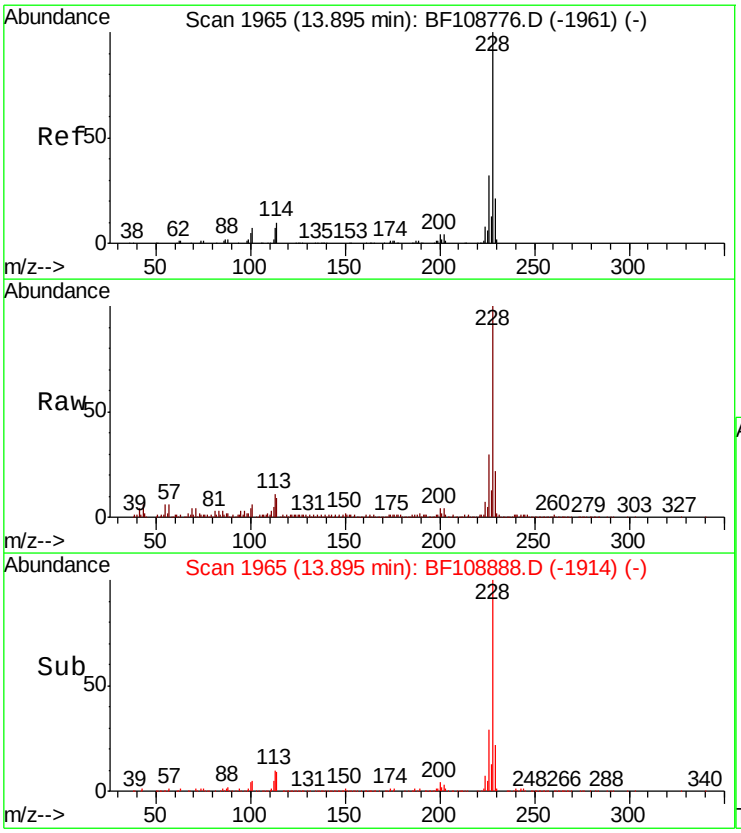
#80
Benzo(a)anthracene
Concen: 7.390 ng
RT: 13.89 min Scan# 1965
Delta R.T. 0.04 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 238292

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	22.3	15.8	23.6

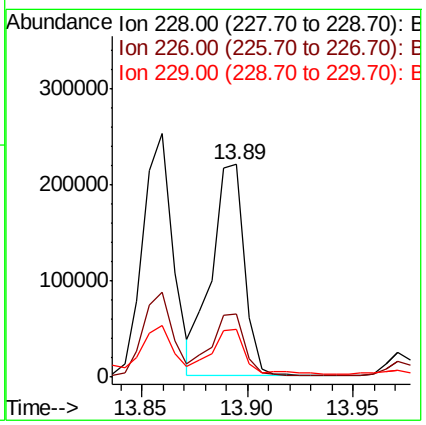


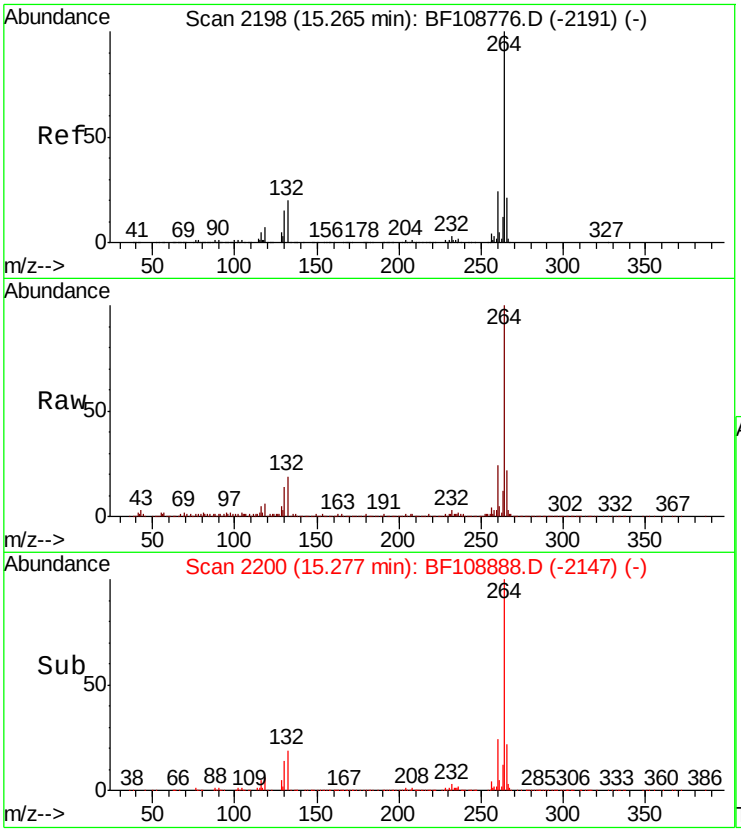


#82
Chrysene
Concen: 7.634 ng
RT: 13.89 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:228 Resp: 238292

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.3	16.2	24.4



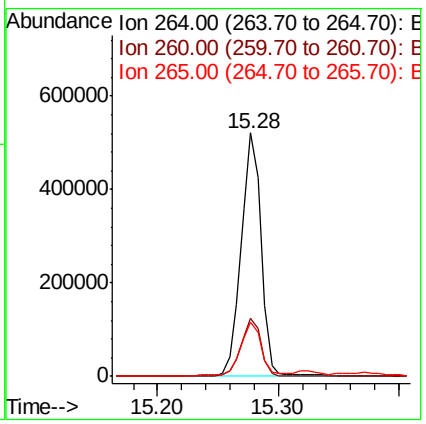


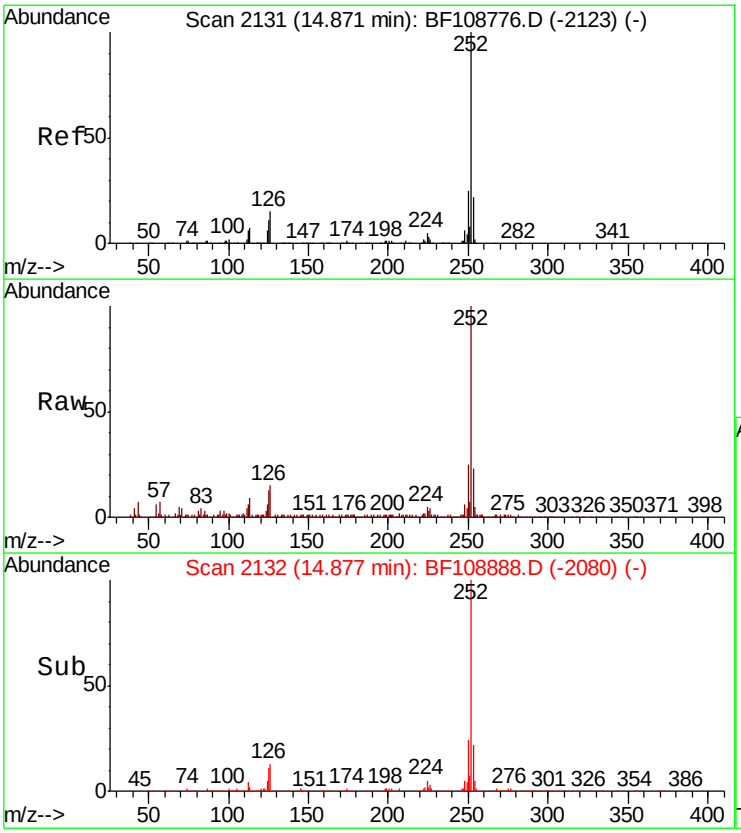
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 602027

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	17.5	26.3

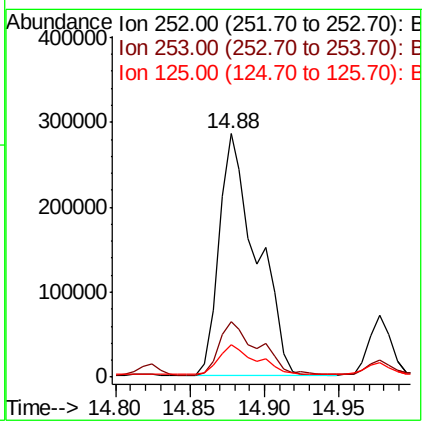


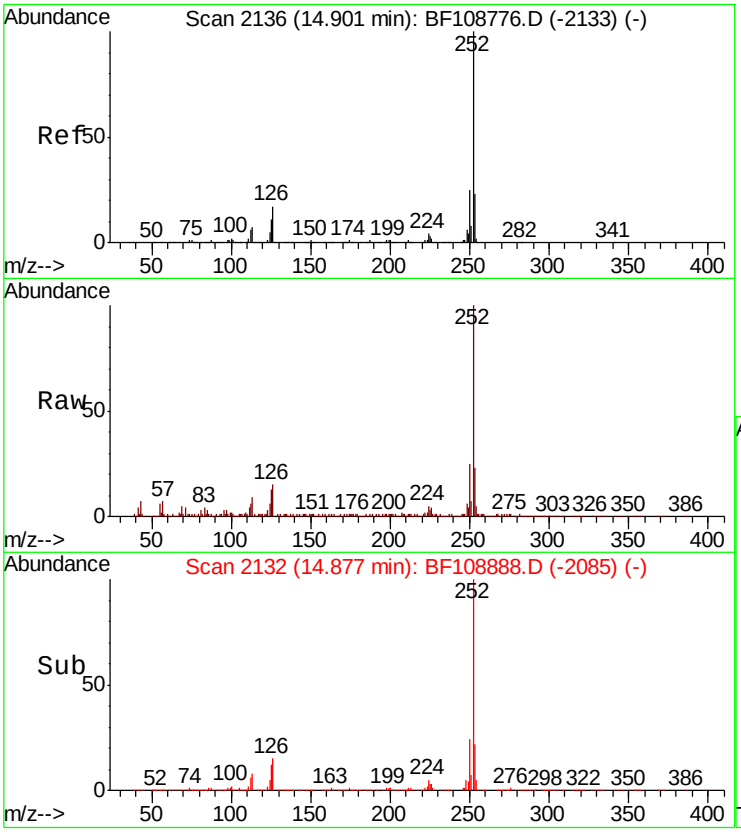


#87
Benzo(b)fluoranthene
Concen: 15.229 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:252 Resp: 498519

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.2	9.0	13.6



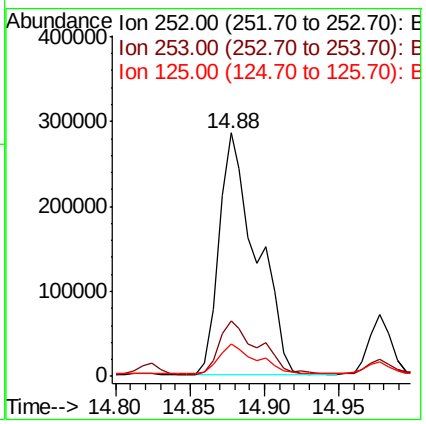


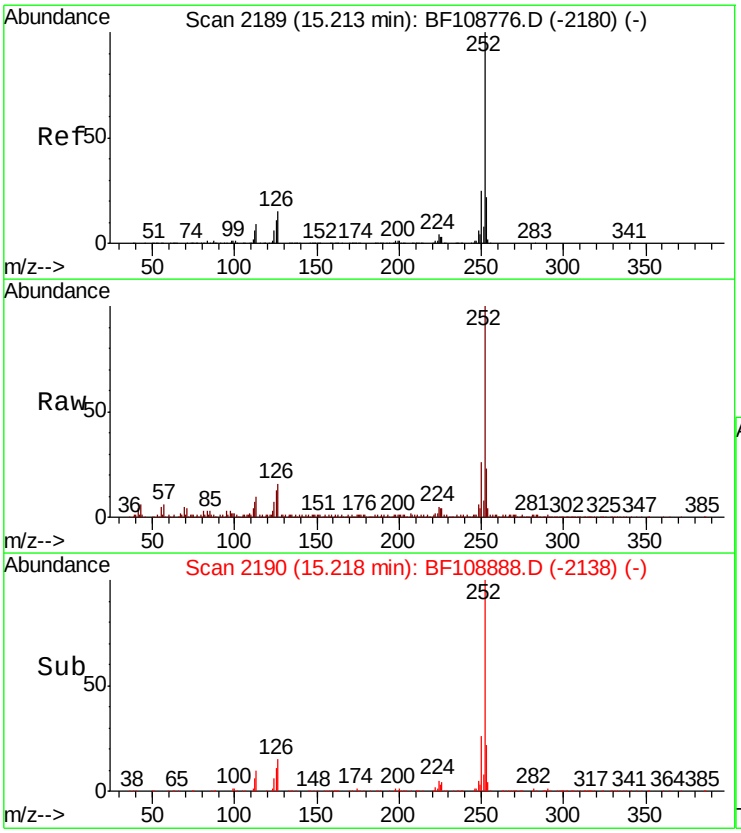
#88
Benzo(k)fluoranthene
Concen: 16.537 ng
RT: 14.88 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 498519

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.2	10.2	15.2

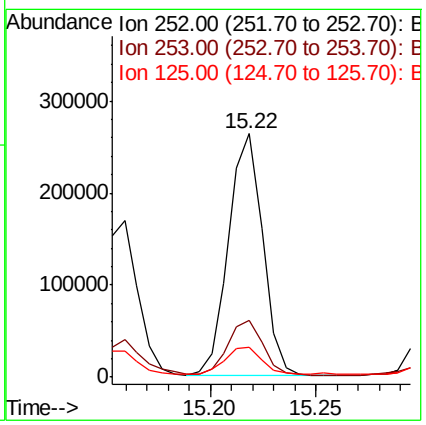


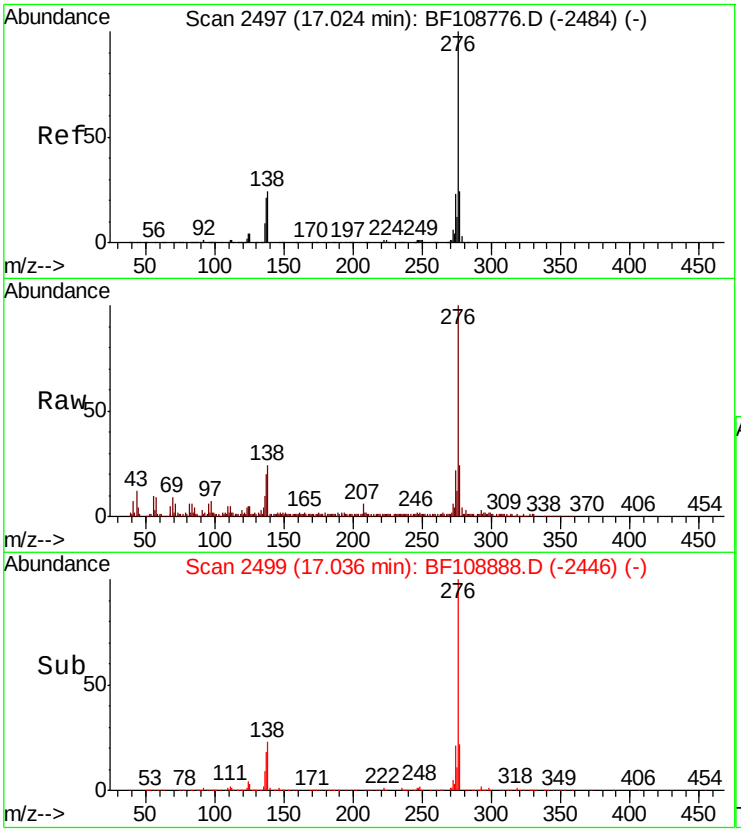


#89
Benzo(a)pyrene
Concen: 9.950 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Tgt Ion:252 Resp: 293892

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.030 ng
RT: 17.04 min Scan# 2499
Delta R.T. 0.01 min
Lab File: BF108888.D
Acq: 10 Sep 2018 13:09

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 183209

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	24.1	21.8	32.8