Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108892.D
Acq On : 10 Sep 2018 14:56
Operator : JU/SJ
Sample : J4776-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 10 15:40:38 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	212640	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	794104	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	344450	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	540285	20.00	ng		0.00
75) Chrysene-d12	13.87	240	509122	20.00	ng		0.00
86) Perylene-d12	15.28	264	445817	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	256246	19.96	ng		0.00
7) Phenol-d6	6.36	99	329550	19.95	ng		0.00
23) Nitrobenzene-d5	7.29	82	190415	15.01	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	57142	17.38	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	368298	18.24	ng		0.00
78) Terphenyl-d14	12.83	244	272243	12.47	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	26746	2.330	ng	#	78
25) Isophorone	7.29	82	188469	7.446	ng	#	64
32) Benzoic acid	8.02	122	108	4.033	ng	#	1
49) Dimethylphthalate	9.48	163	84770	3.519	ng	#	98
50) 2,6-Dinitrotoluene	9.77	165	45733	9.962	ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.60	198	448	7.049	ng	#	1
70) Phenanthrene	11.27	178	126111	4.888	ng		99
71) Anthracene	11.32	178	50512	2.045	ng		98
74) Fluoranthene	12.45	202	188464	7.378	ng		97
77) Pyrene	12.68	202	249317	6.364	ng		100
80) Benzo(a)anthracene	13.87	228	125871	3.857	ng		93
82) Chrysene	13.90	228	129477	4.099	ng		97
87) Benzo(b)fluoranthene	14.88	252	184480	7.610	ng	#	91
88) Benzo(k)fluoranthene	14.88	252	184480	8.264	ng		94
89) Benzo(a)pyrene	15.22	252	108796	4.974	ng	#	93
91) Benzo(g,h,i)perylene	17.05	276	50221	2.602	ng	#	92

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

Quantitation Report (Not Reviewed)

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Operator : JU/SJ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Sep 10 15:40:38 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
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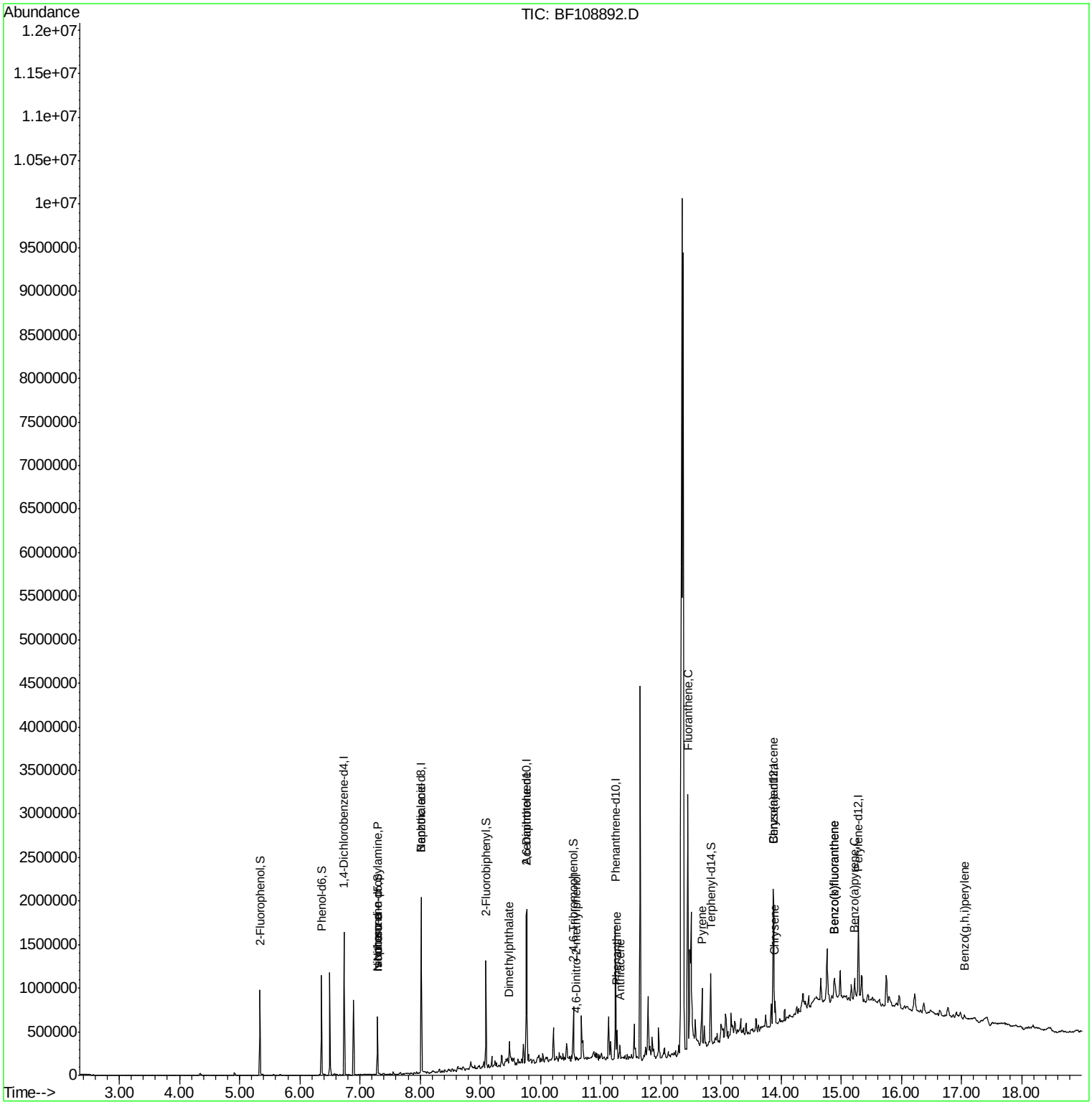
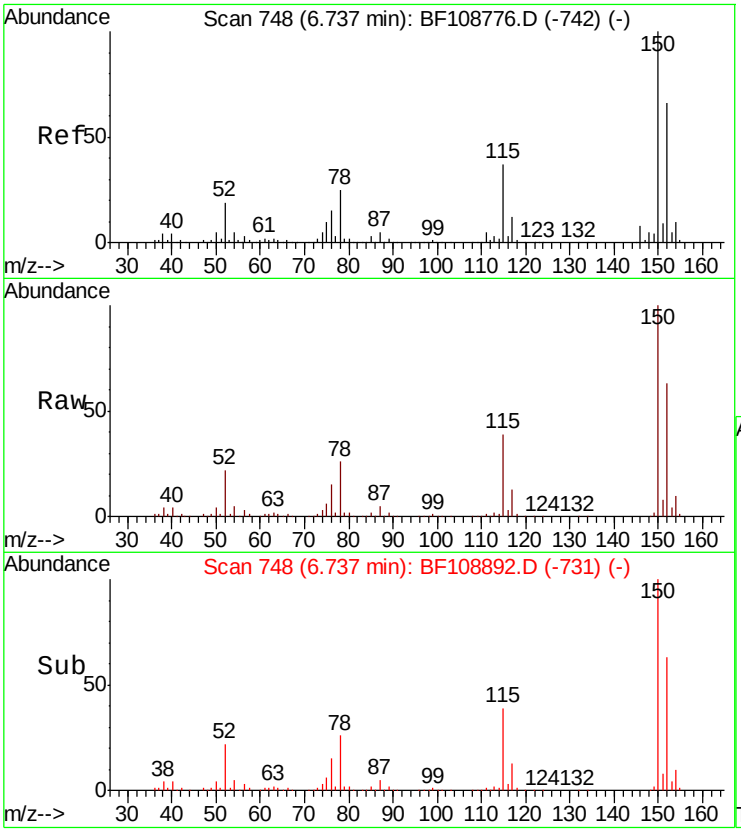


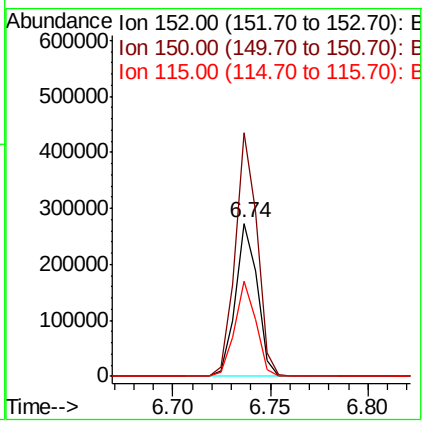


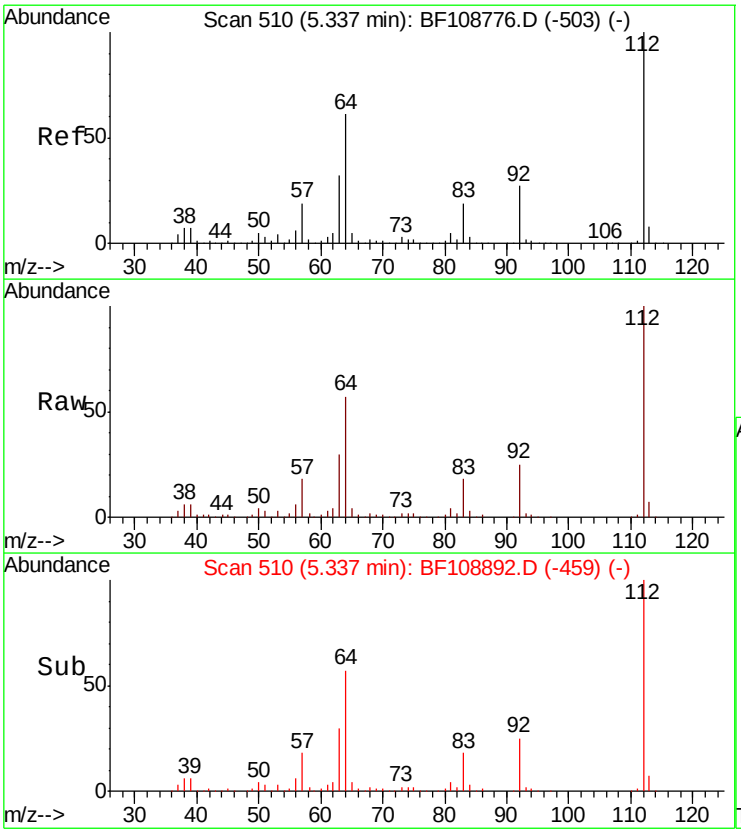
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 212640

Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	61.8	50.1	75.1

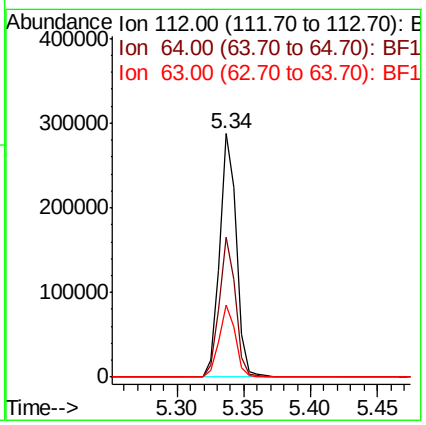


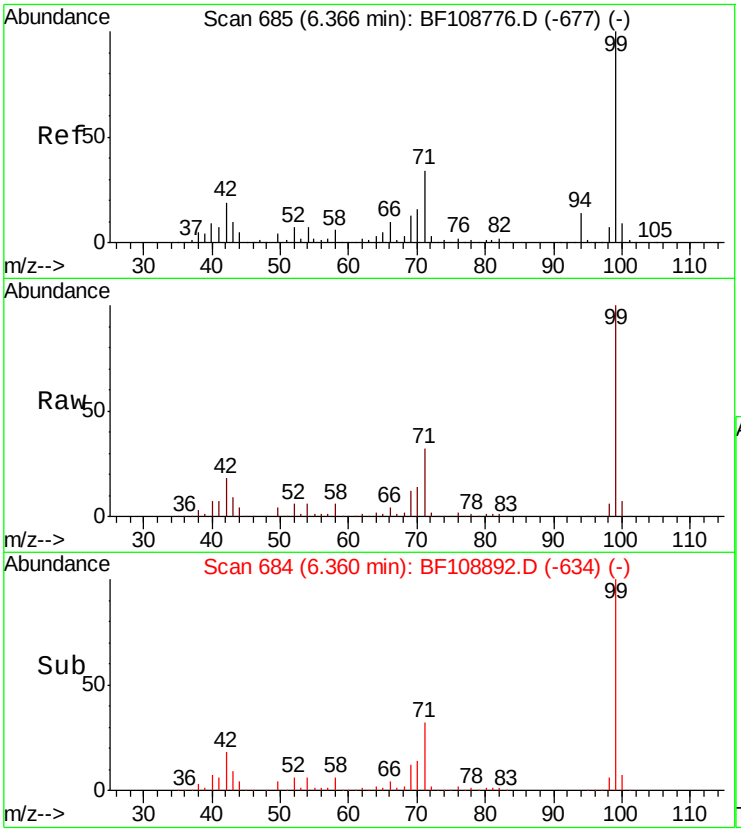


#5
2-Fluorophenol
Concen: 19.964 ng
RT: 5.34 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:112 Resp: 256246

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	29.6	23.7	35.5



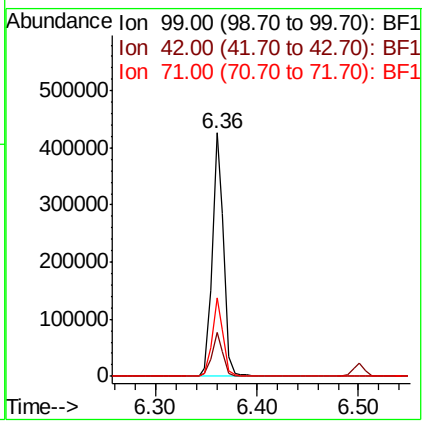


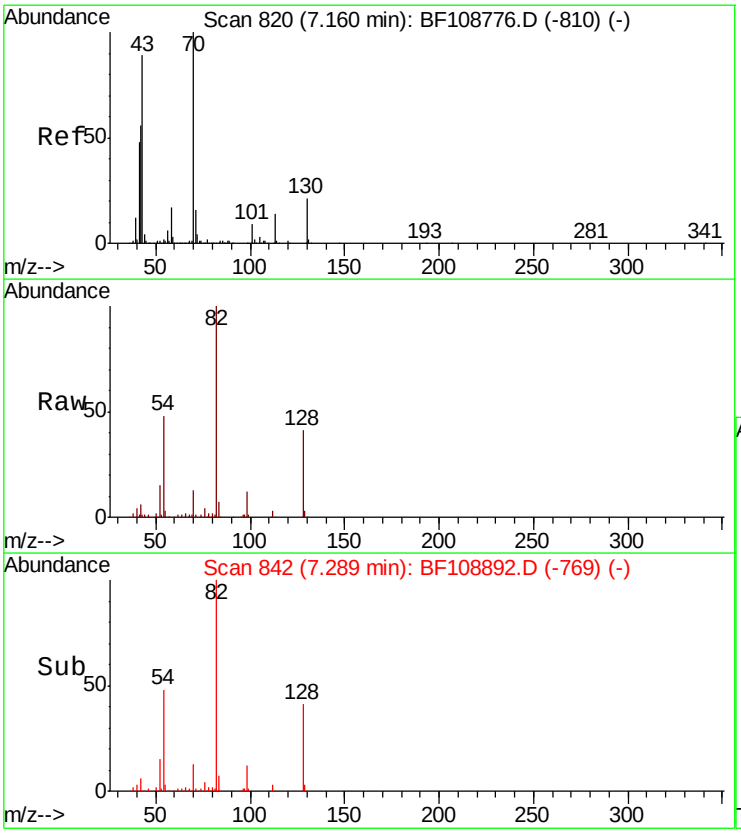
#7
Phenol-d6
Concen: 19.955 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 329550

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.4	25.4	38.0

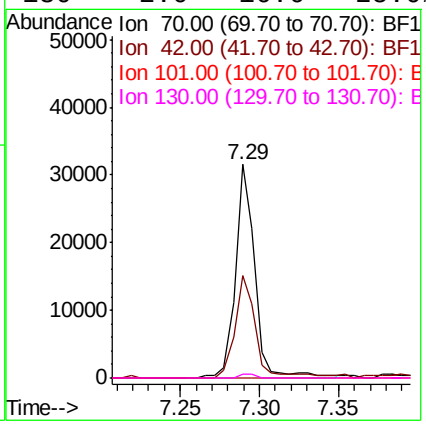


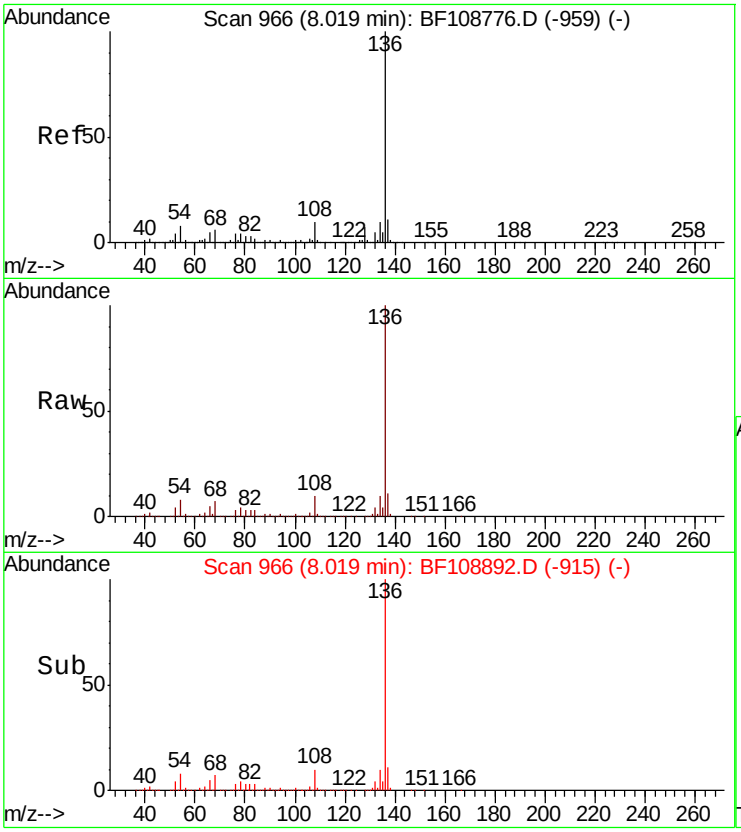


#19
n-Nitroso-di-n-propylamine
Concen: 2.330 ng
RT: 7.29 min Scan# 842
Delta R.T. 0.13 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion: 70 Resp: 26746

Ion	Ratio	Lower	Upper
70	100		
42	48.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



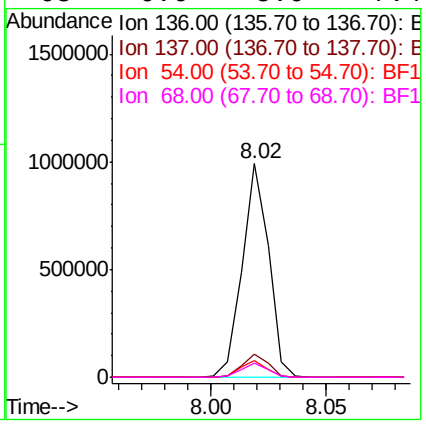


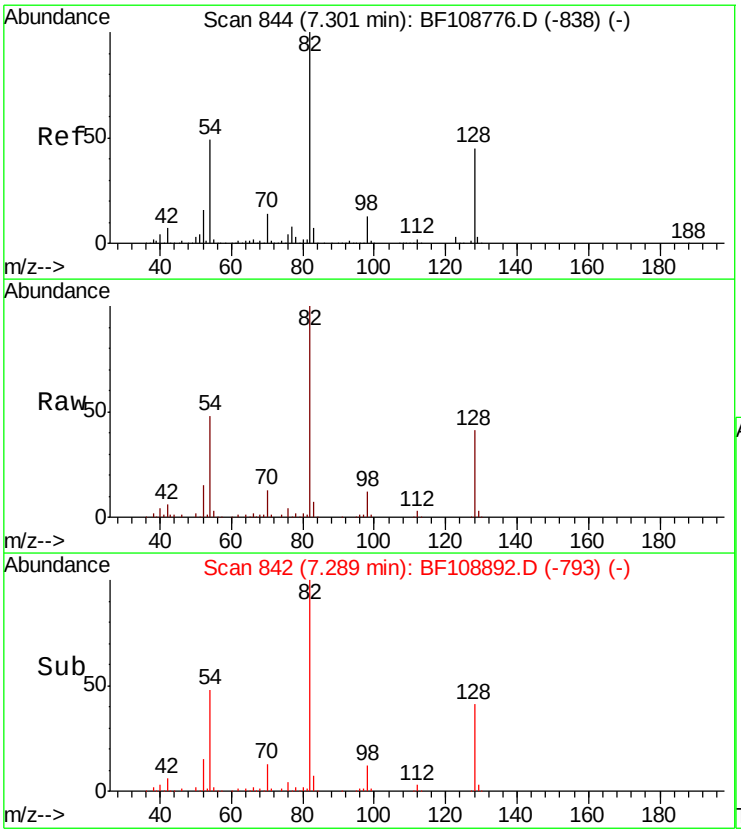
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 794104

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.8	6.6	9.8
68	6.6	5.0	7.4

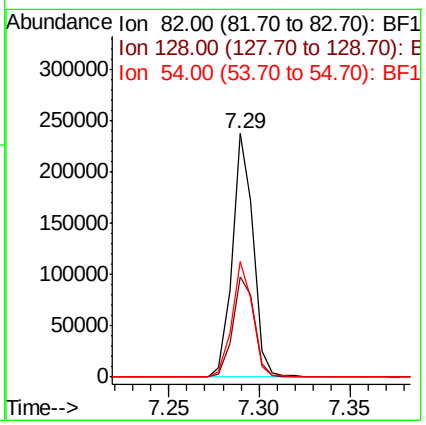


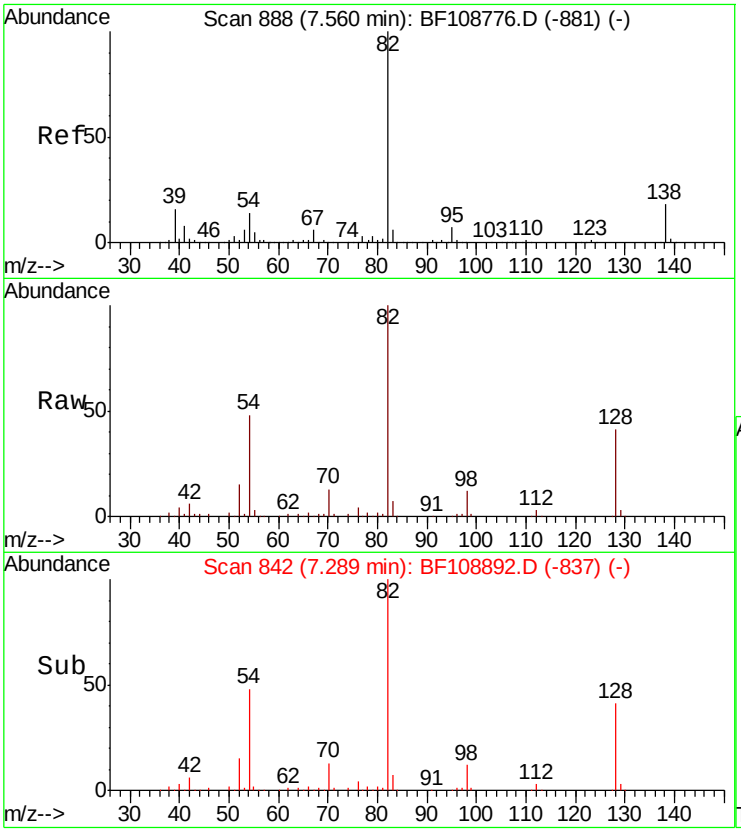


#23
Nitrobenzene-d5
Concen: 15.006 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion: 82 Resp: 190415

Ion	Ratio	Lower	Upper
82	100		
128	41.4	36.1	54.1
54	47.6	41.4	62.2



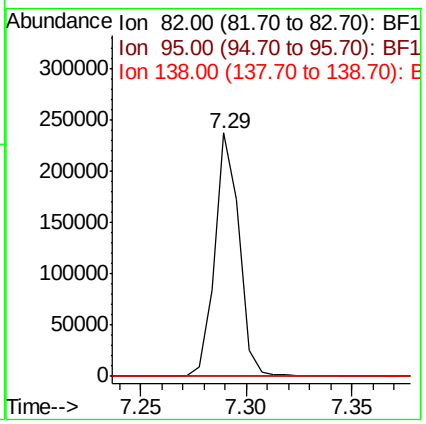


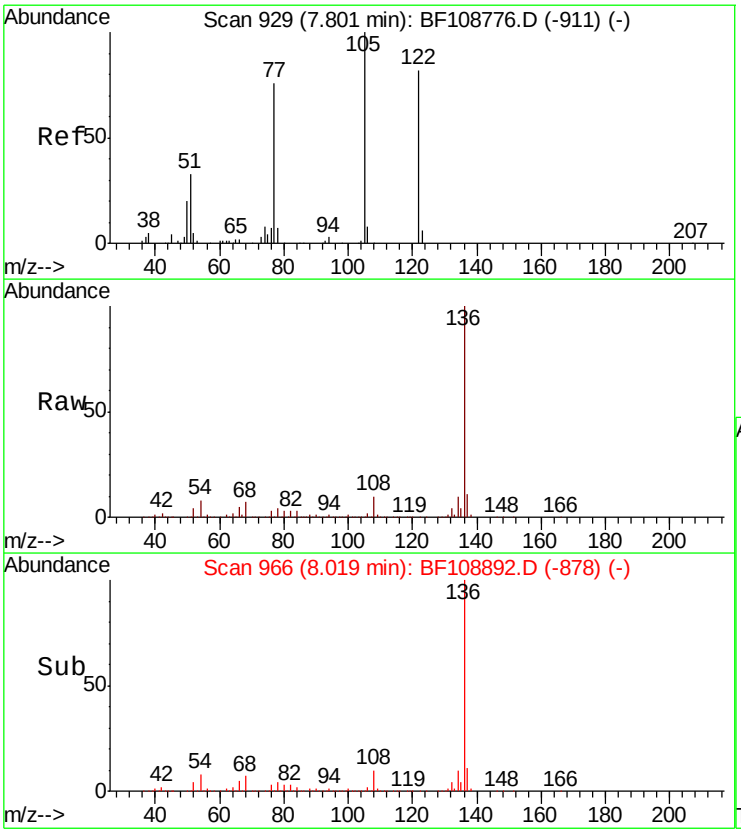
#25
Isophorone
Concen: 7.446 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.27 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 188469

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

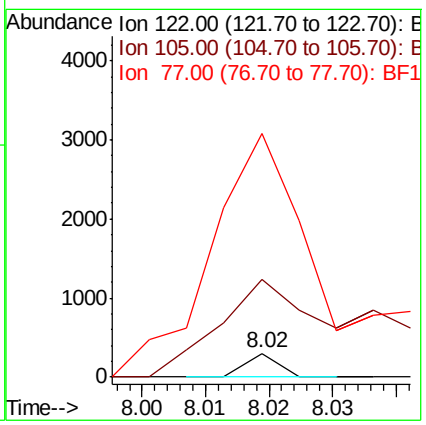


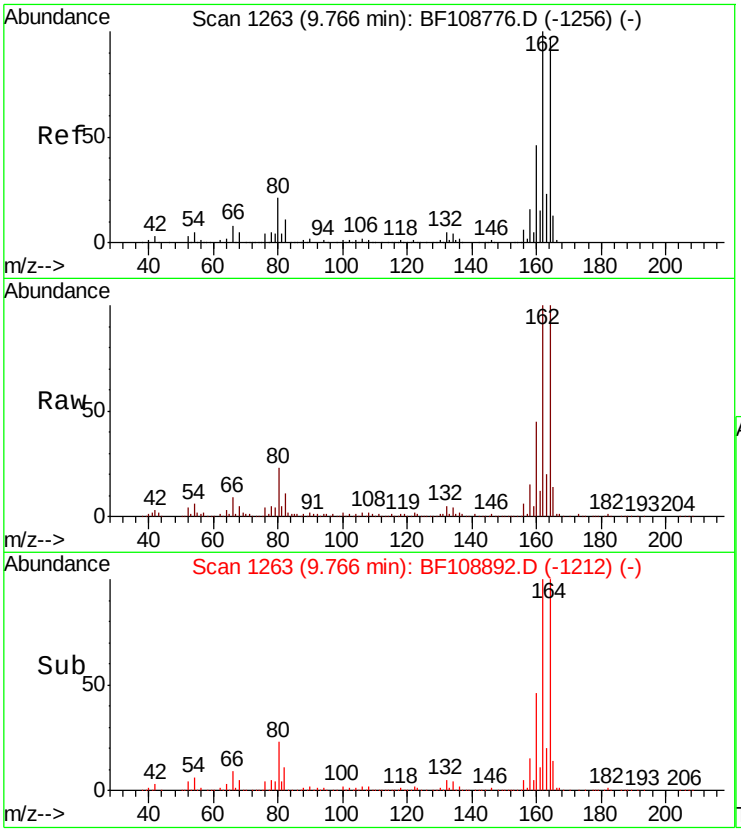


#32
Benzoic acid
Concen: 4.033 ng
RT: 8.02 min Scan# 966
Delta R.T. 0.22 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:122 Resp: 108

Ion	Ratio	Lower	Upper
122	100		
105	405.2	101.1	141.1#
77	1009.5	70.7	110.7#



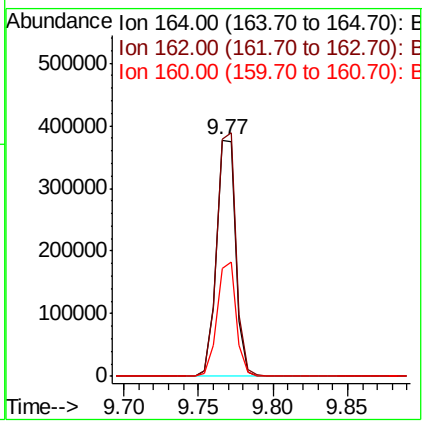


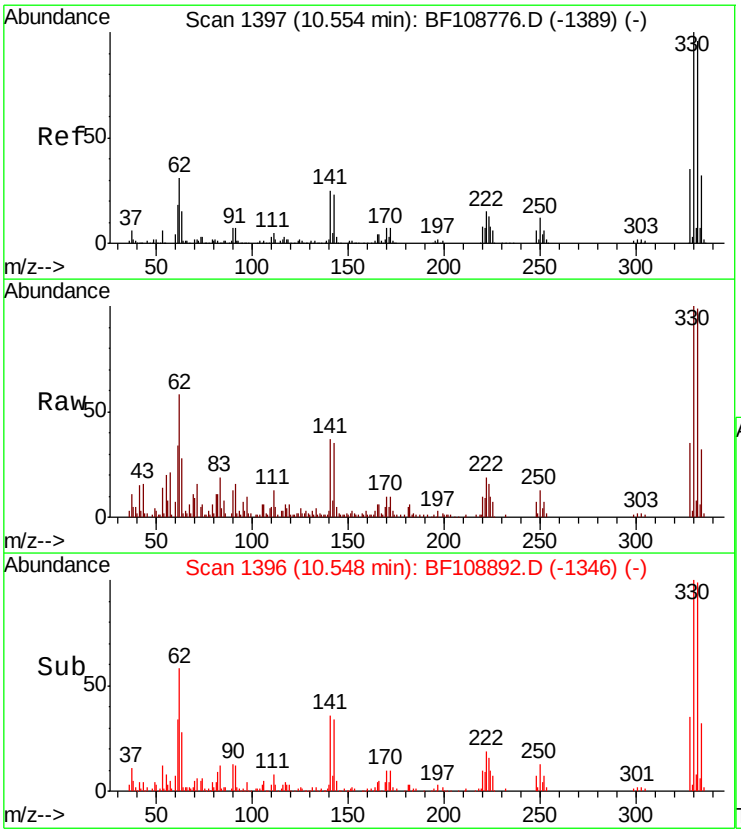
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 344450

Ion	Ratio	Lower	Upper
164	100		
162	100.1	86.1	129.1
160	45.5	38.3	57.5

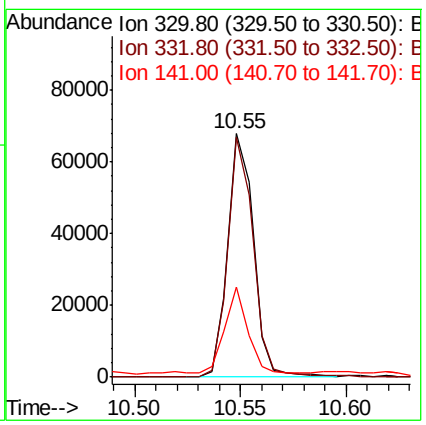


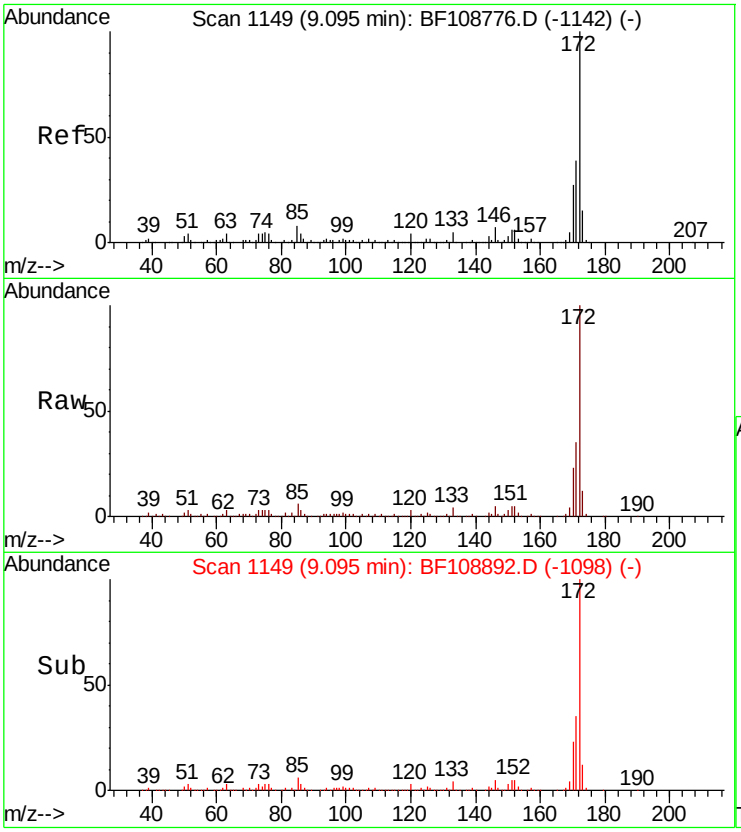


#41
2,4,6-Tribromophenol
Concen: 17.377 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:330 Resp: 57142

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.1	29.9	44.9



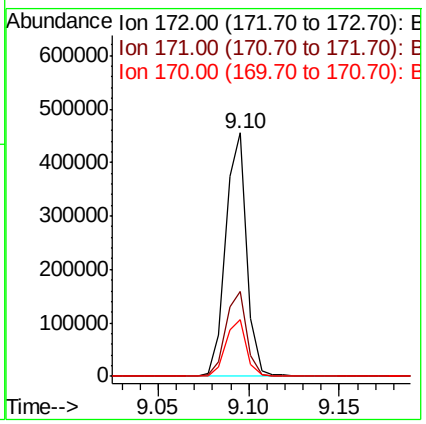


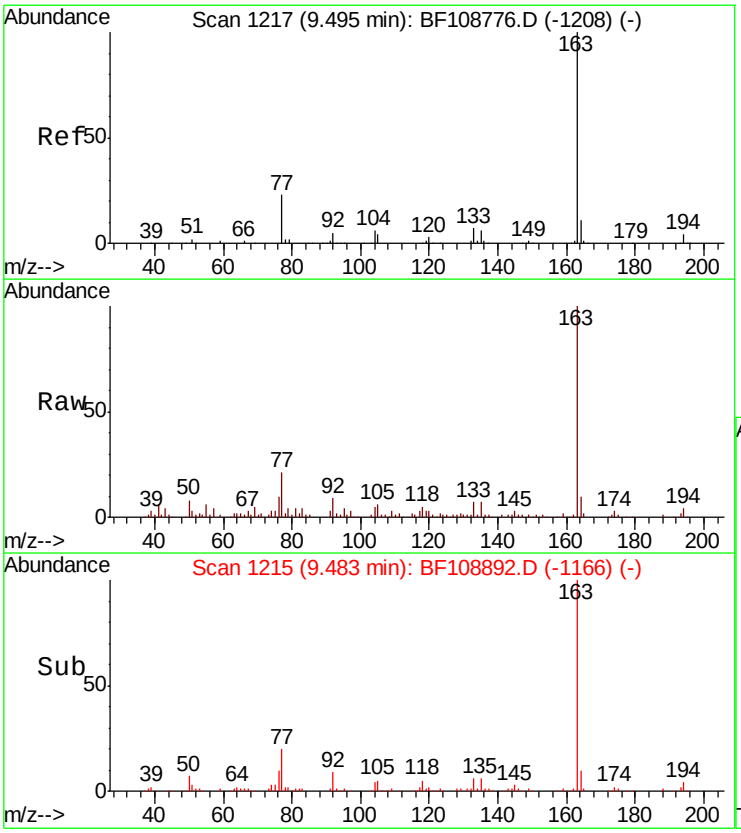
#44
2-Fluorobiphenyl
Concen: 18.241 ng
RT: 9.10 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 368298

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.2	19.6	29.4

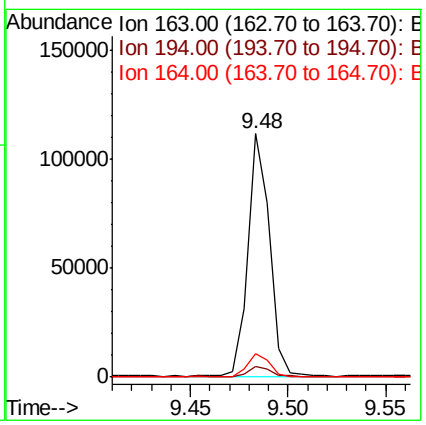


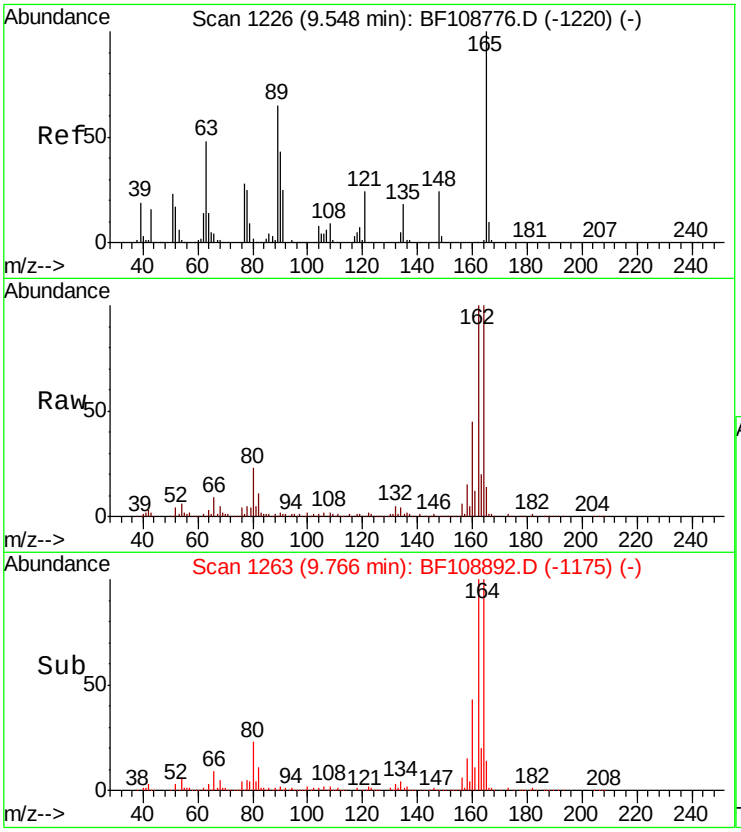


#49
Dimethylphthalate
Concen: 3.519 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:163 Resp: 84770

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.8	8.2	12.2



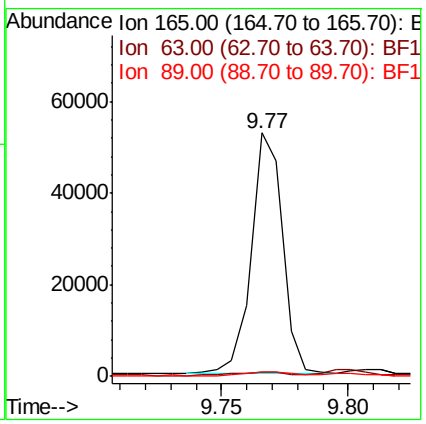


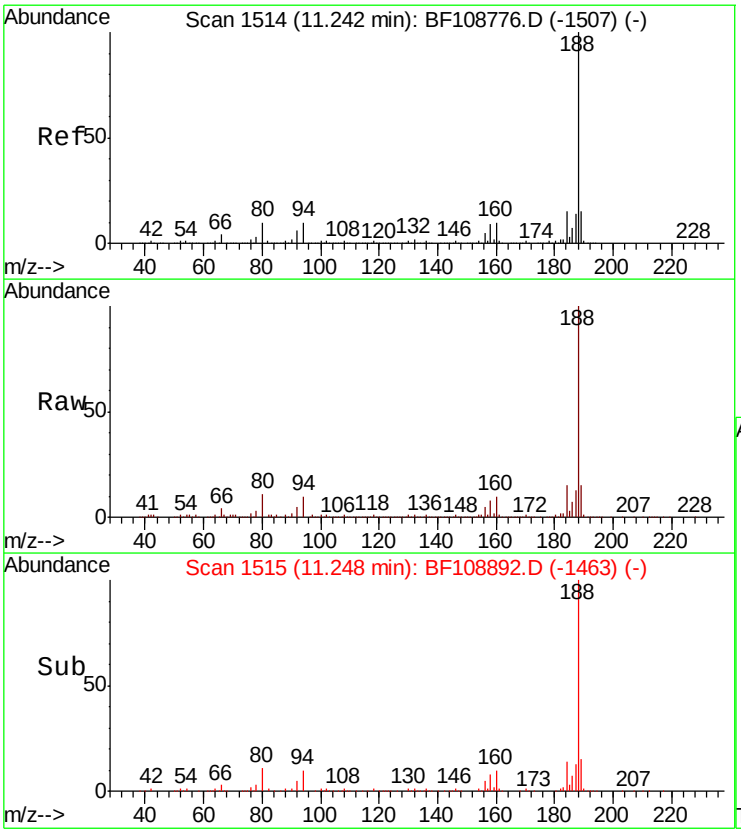
#50
2,6-Dinitrotoluene
Concen: 9.962 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:165 Resp: 45733

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#

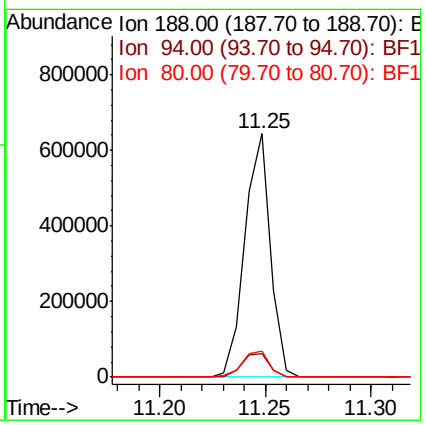


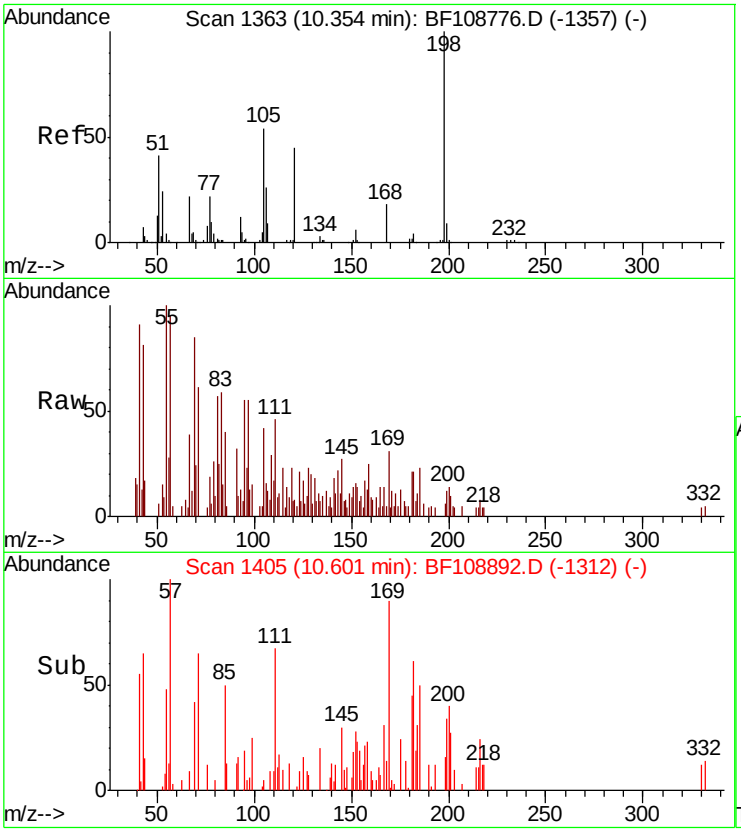


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:188 Resp: 540285

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8



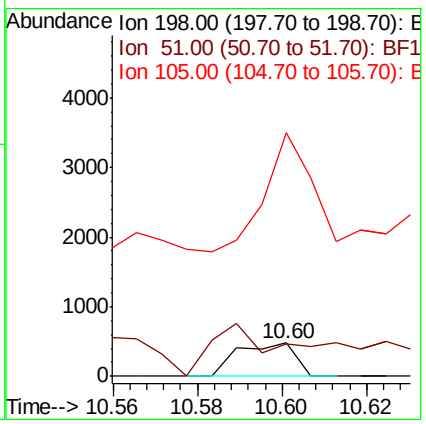


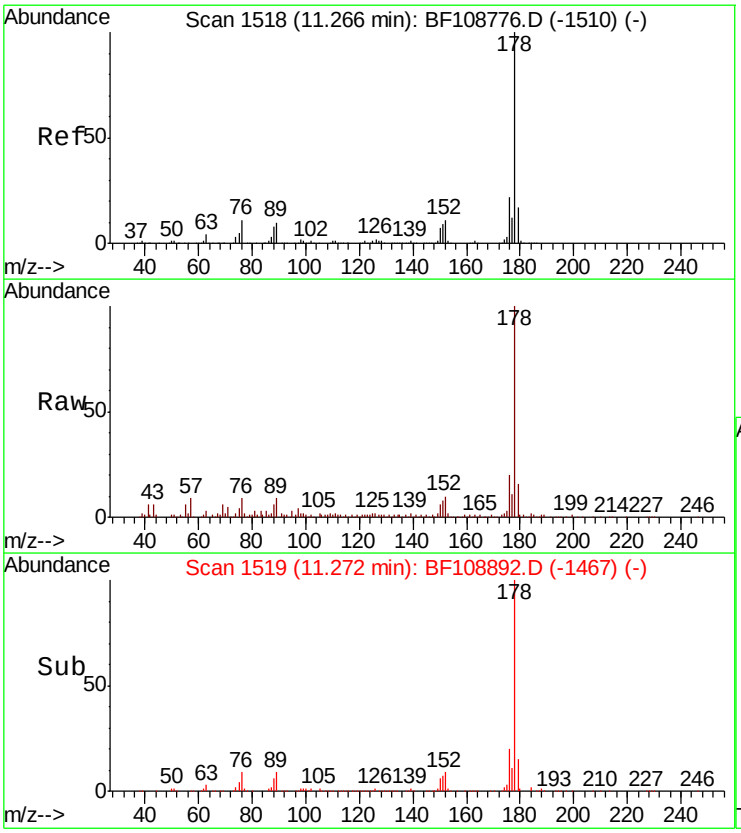
#64
4,6-Dinitro-2-methylphenol
Concen: 7.049 ng
RT: 10.60 min Scan# 1405
Delta R.T. 0.25 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	98.8	37.7	77.7#
105	728.5	36.3	76.3#

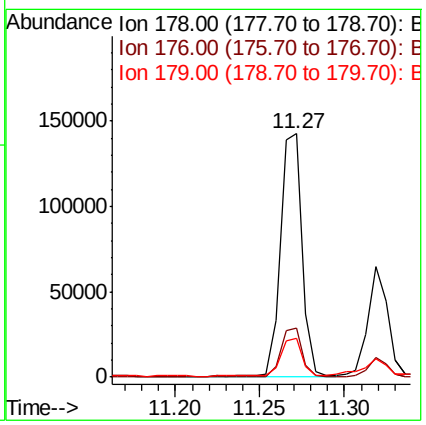


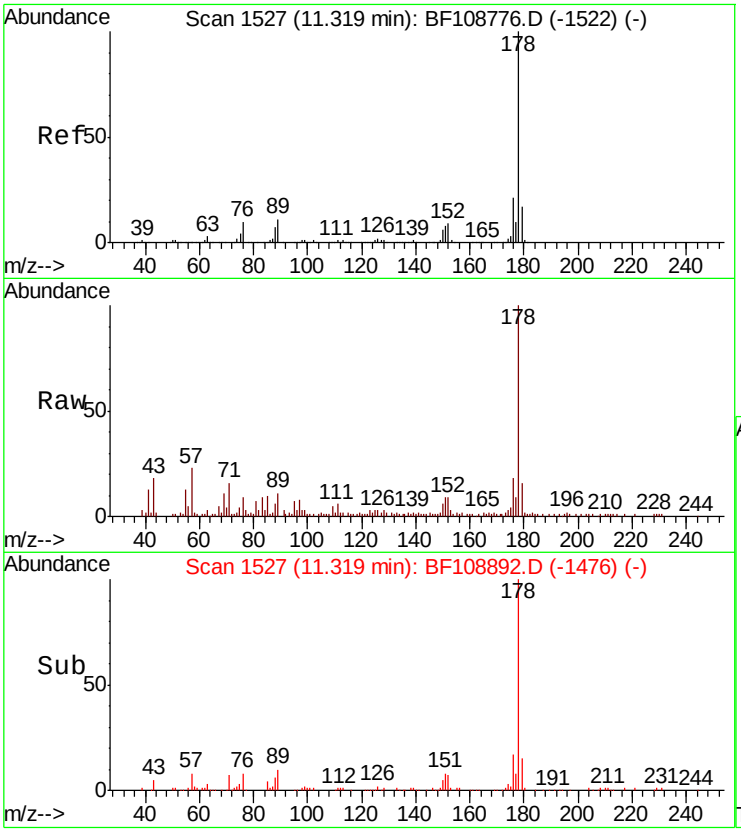


#70
Phenanthrene
Concen: 4.888 ng
RT: 11.27 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:178 Resp: 126111

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.7	13.0	19.6



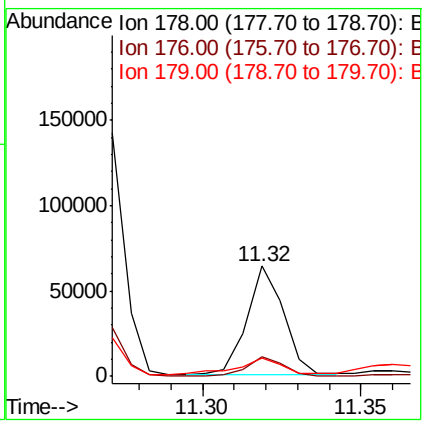


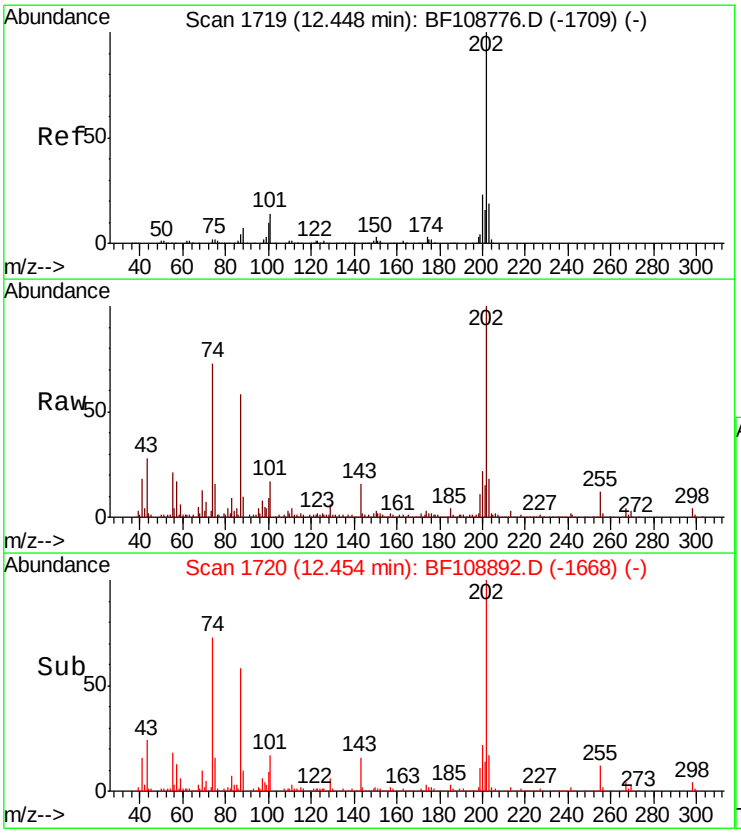
#71
Anthracene
Concen: 2.045 ng
RT: 11.32 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 50512

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.2
179	16.2	12.6	19.0

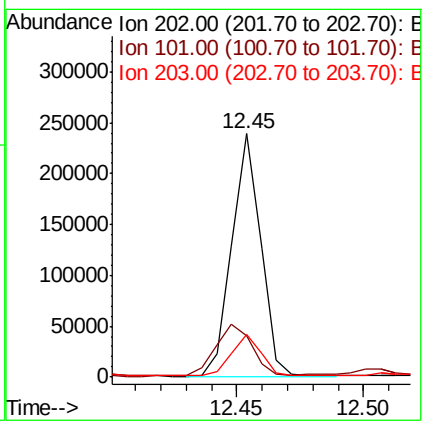


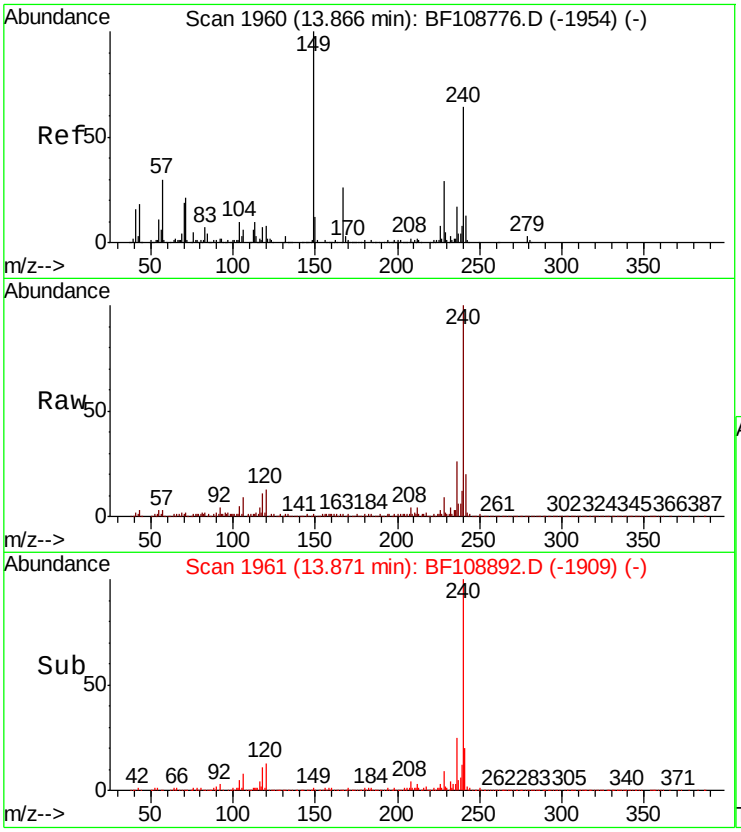


#74
Fluoranthene
Concen: 7.378 ng
RT: 12.45 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:202 Resp: 188464

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	34.1
203	17.7	0.0	38.1



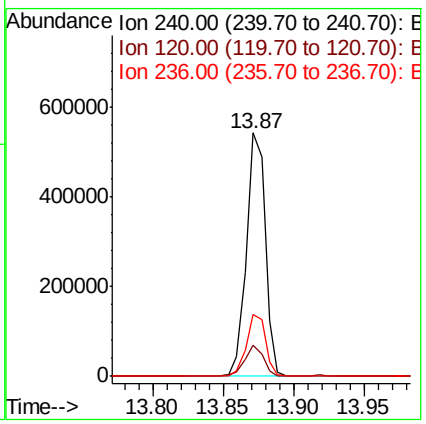


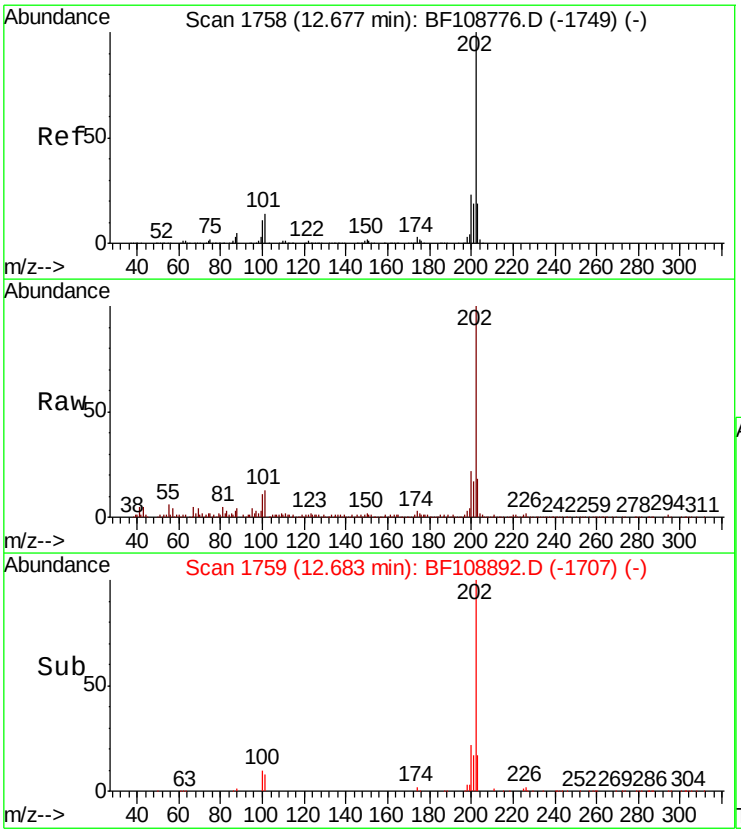
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 509122

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	25.6	20.7	31.1

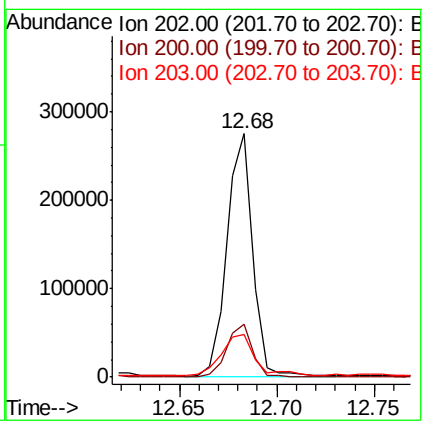


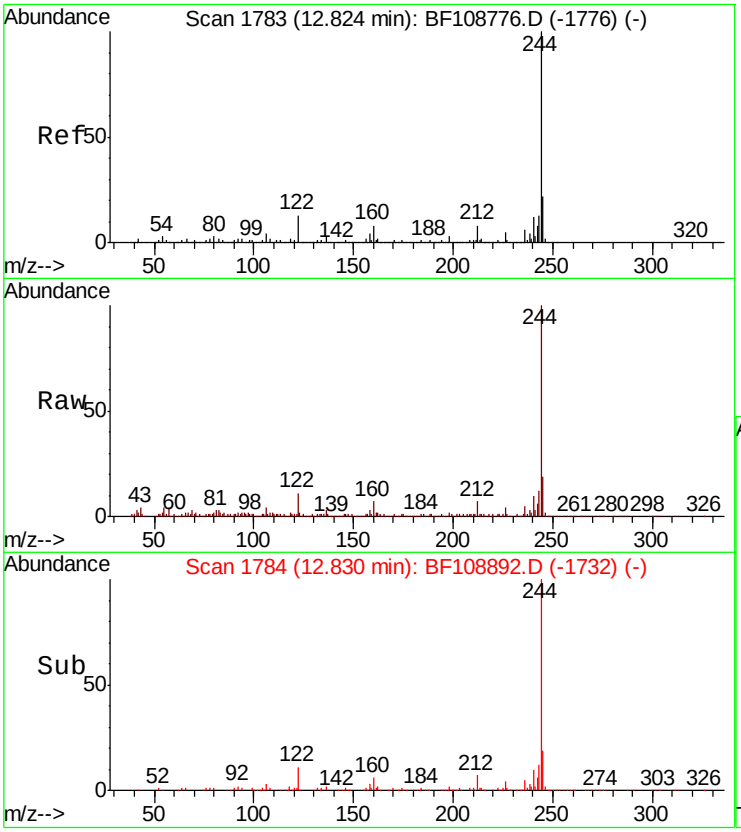


#77
Pyrene
Concen: 6.364 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:202 Resp: 249317

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5



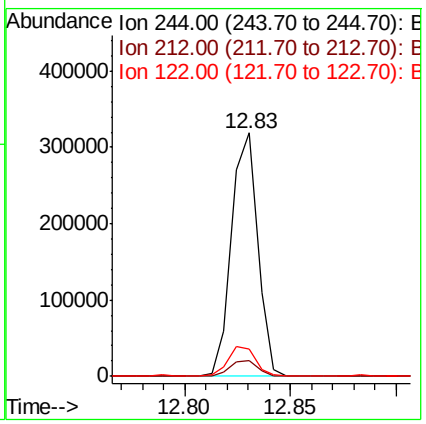


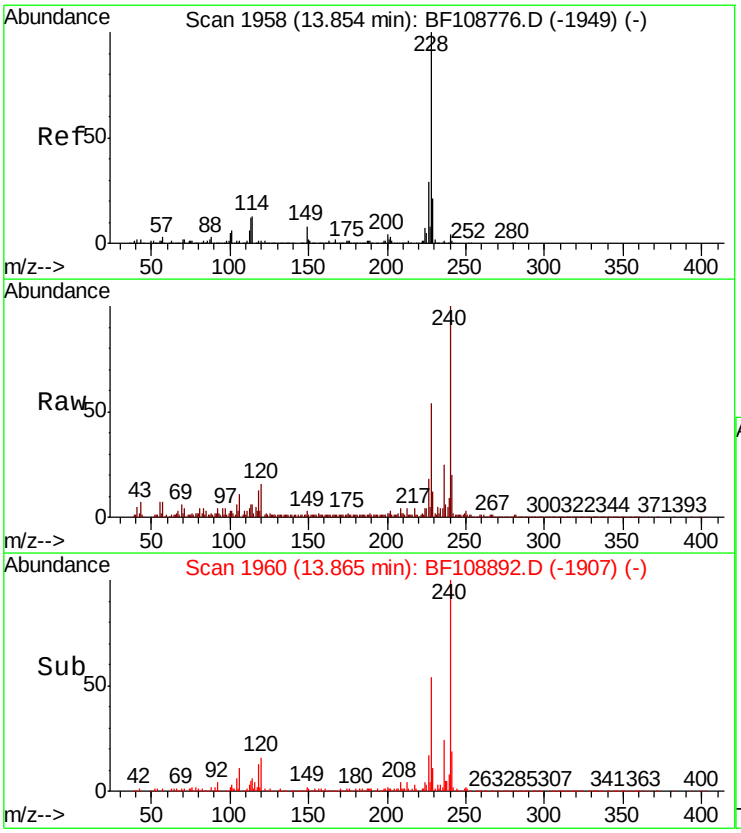
#78
Terphenyl-d14
Concen: 12.469 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 272243

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.1	11.0	16.4

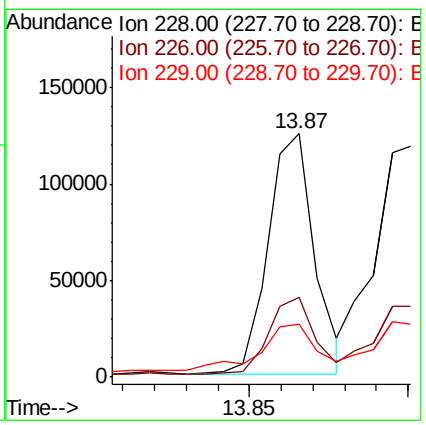


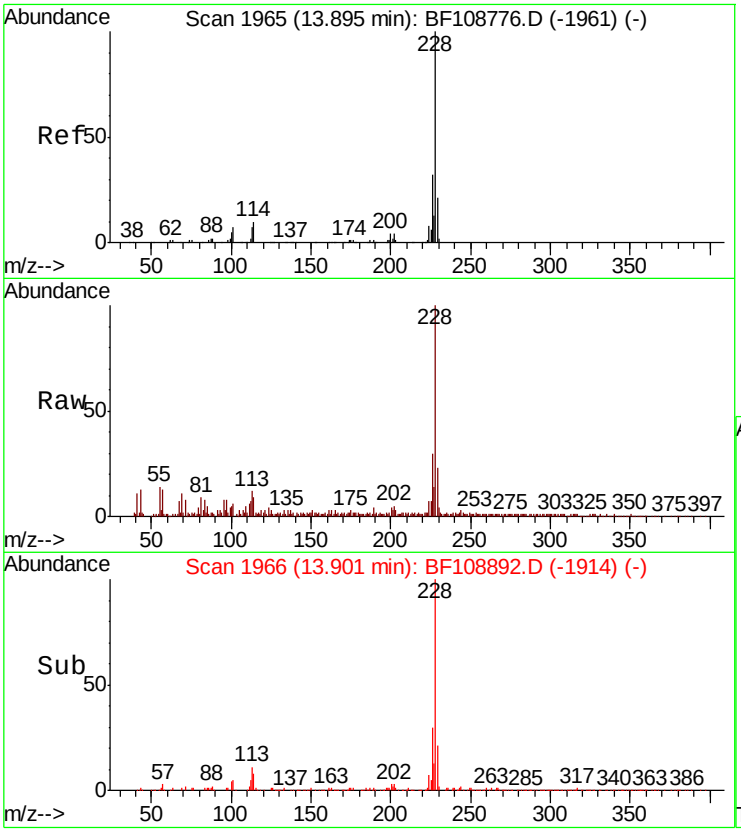


#80
Benzo(a)anthracene
Concen: 3.857 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:228 Resp: 125871

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.6	33.8
229	21.6	15.8	23.6



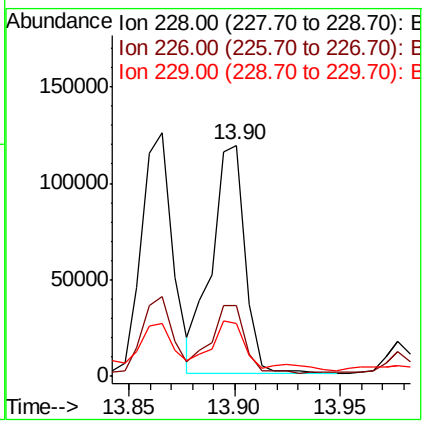


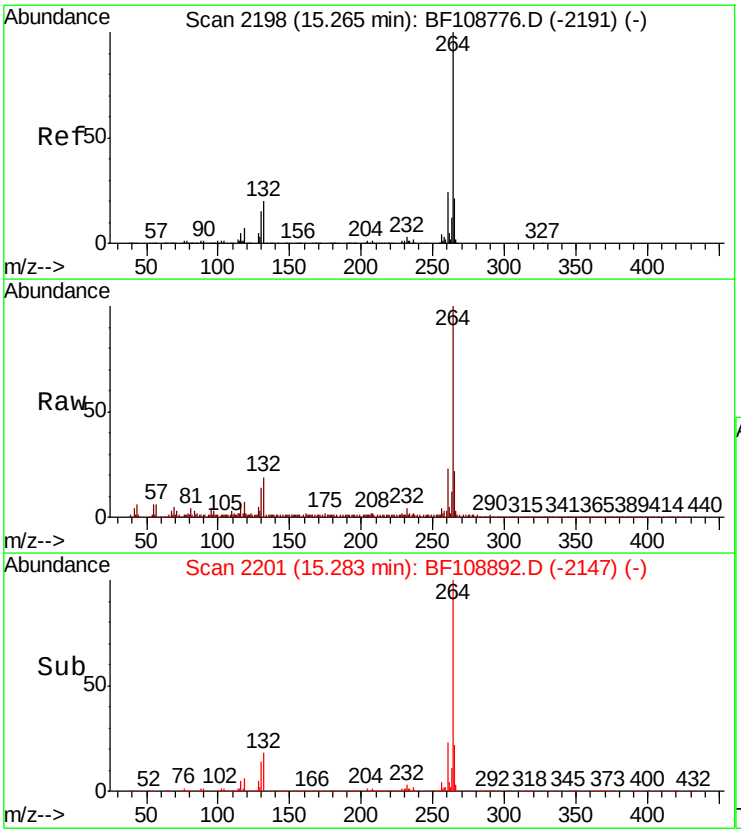
#82
Chrysene
Concen: 4.099 ng
RT: 13.90 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 129477

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.8	16.2	24.4

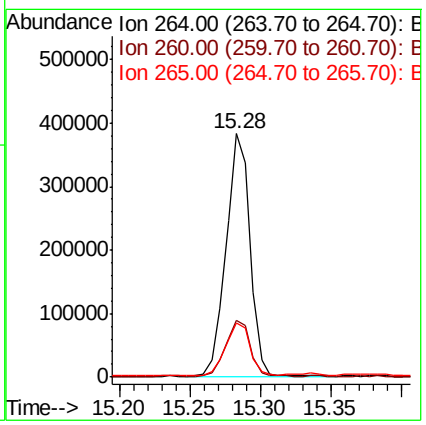


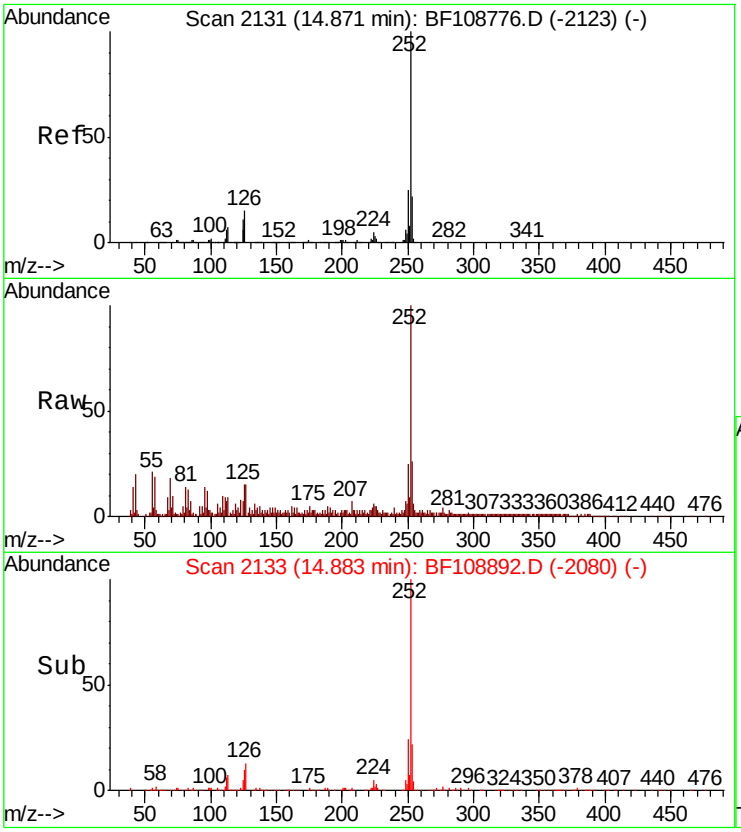


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2201
Delta R.T. 0.02 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:264 Resp: 445817

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.4	17.5	26.3



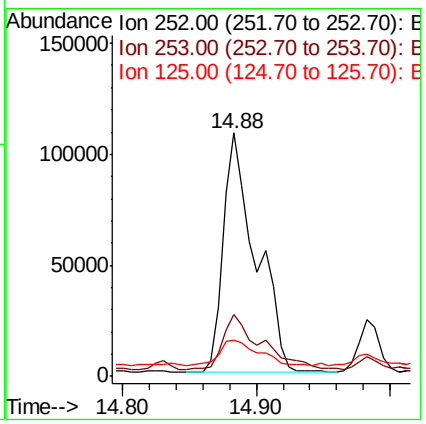


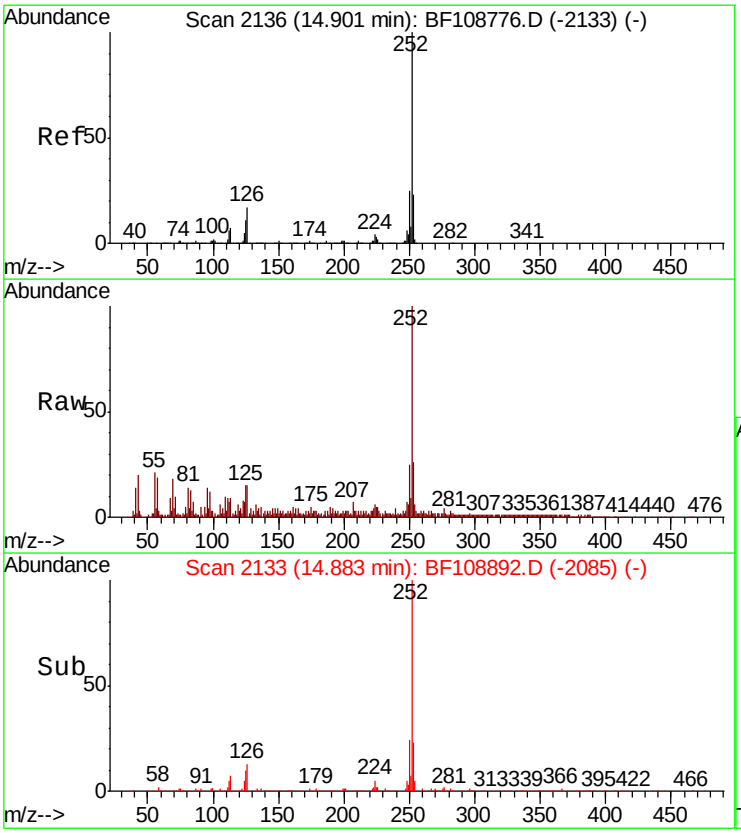
#87
Benzo(b)fluoranthene
Concen: 7.610 ng
RT: 14.88 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 184480

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.6#
125	14.8	9.0	13.6#

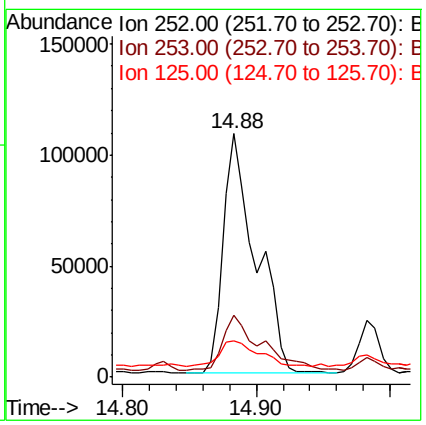


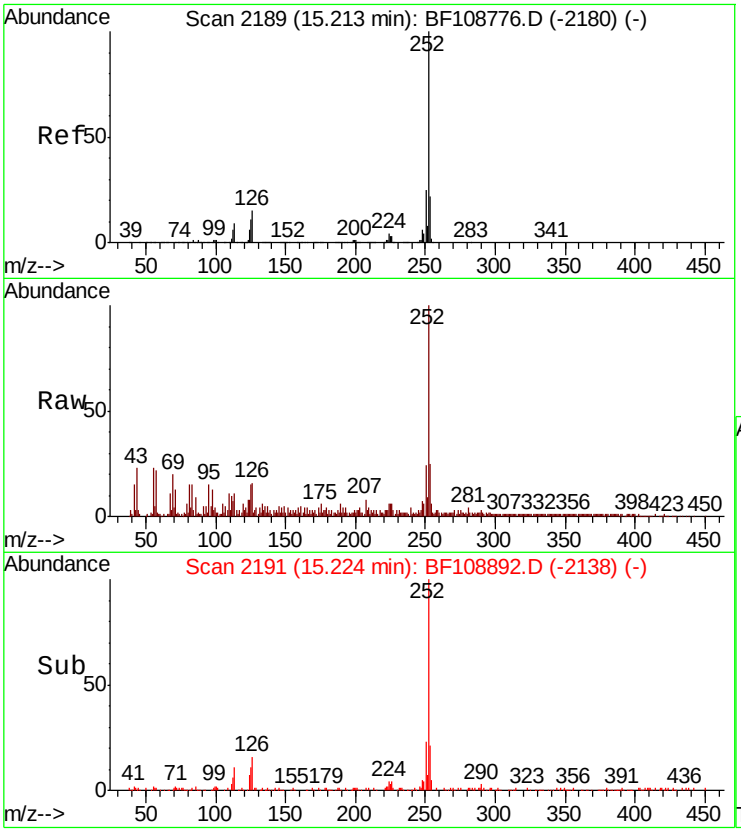


#88
Benzo(k)fluoranthene
Concen: 8.264 ng
RT: 14.88 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:252 Resp: 184480

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.9	26.9
125	14.8	10.2	15.2



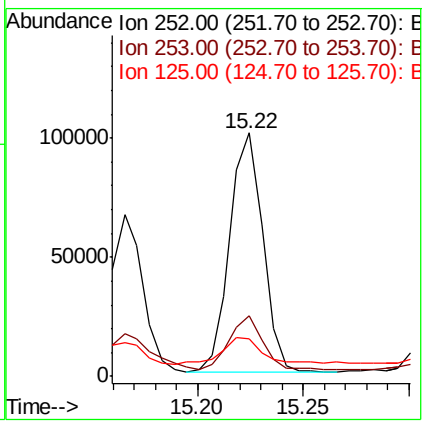


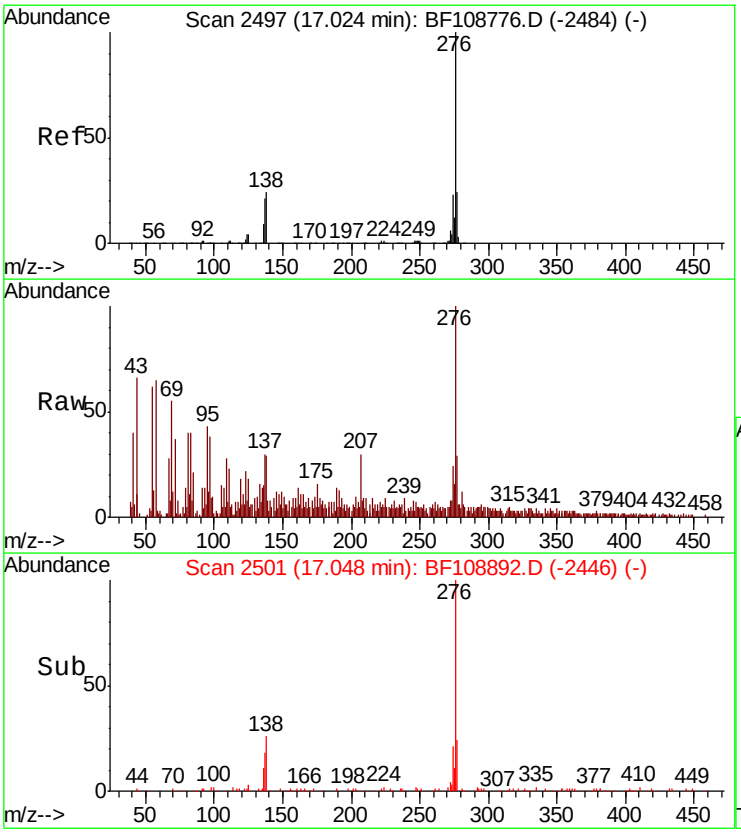
#89
Benzo(a)pyrene
Concen: 4.974 ng
RT: 15.22 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 108796

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	15.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.602 ng
RT: 17.05 min Scan# 2501
Delta R.T. 0.02 min
Lab File: BF108892.D
Acq: 10 Sep 2018 14:56

Tgt Ion:276 Resp: 50221

Ion	Ratio	Lower	Upper
276	100		
277	28.9	17.9	26.9#
138	29.4	21.8	32.8