Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109002.D
Acq On : 14 Sep 2018 18:36
Operator : JU/SJ
Sample : J4906-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-PIT-8

Quant Time: Sep 15 00:08:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156810	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	615555	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	301068	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	592292	20.00	ng		0.00
75) Chrysene-d12	13.85	240	441274	20.00	ng		0.00
86) Perylene-d12	15.25	264	405183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	744596	78.87	ng		0.00
7) Phenol-d6	6.35	99	953551	78.33	ng		0.00
23) Nitrobenzene-d5	7.28	82	607484	55.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	266572	81.59	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1028299	53.51	ng		0.00
78) Terphenyl-d14	12.81	244	1034565	55.57	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.36	94	32193	2.350	ng		76
19) n-Nitroso-di-n-propylamine	7.28	70	81228	10.094	ng	#	76
25) Isophorone	7.28	82	603046	31.966	ng	#	64
49) Dimethylphthalate	9.47	163	132700	6.167	ng		100
50) 2,6-Dinitrotoluene	9.75	165	39265	8.228	ng	#	26
56) 2,4-Dinitrotoluene	9.75	165	39265	6.292	ng	#	23
66) 4-Bromophenyl-phenylether	10.53	248	16330	2.446	ng	#	1
74) Fluoranthene	12.43	202	97213	3.172	ng		96
77) Pyrene	12.65	202	136337	4.160	ng		98
80) Benzo(a)anthracene	13.87	228	64695	2.422	ng		96
82) Chrysene	13.87	228	64695	2.420	ng		97
87) Benzo(b)fluoranthene	14.85	252	70925	3.164	ng		97
88) Benzo(k)fluoranthene	14.85	252	70925	3.388	ng		99
89) Benzo(a)pyrene	15.19	252	46818	2.352	ng	#	95

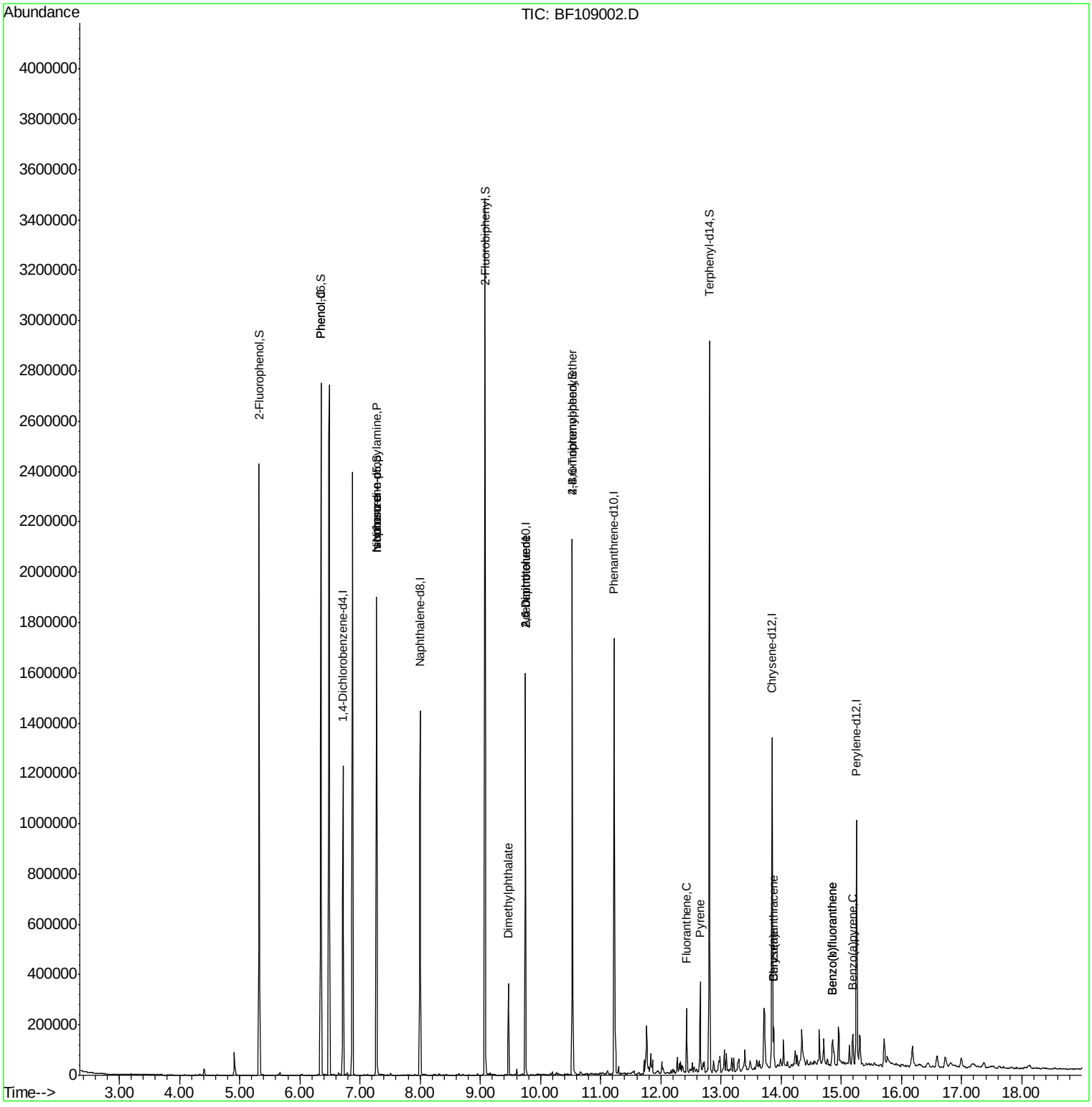
(#) = qualifier out of range (m) = manual integration (+) = signals summed

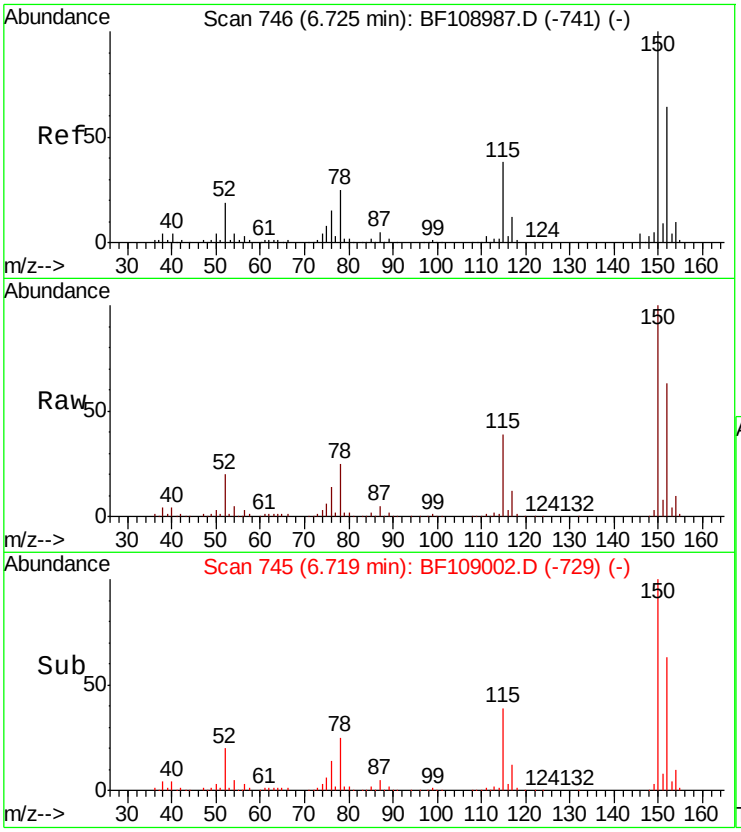
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091418\
Data File : BF109002.D
Acq On : 14 Sep 2018 18:36
Operator : JU/SJ
Sample : J4906-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Quant Time: Sep 15 00:08:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration



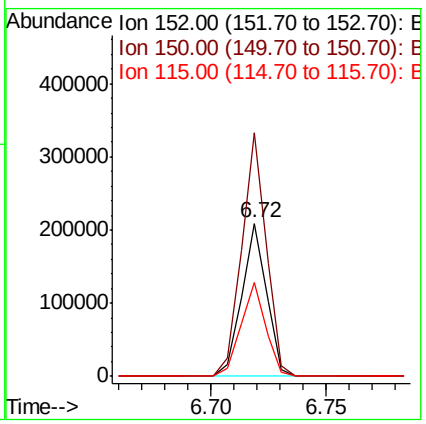


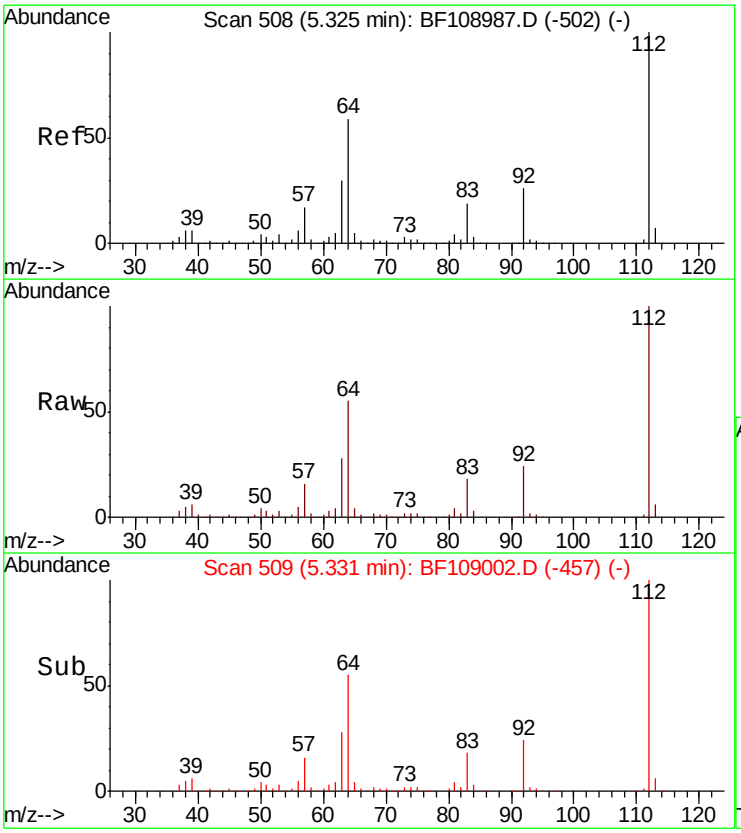
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:152 Resp: 156810

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	61.4	50.1	75.1

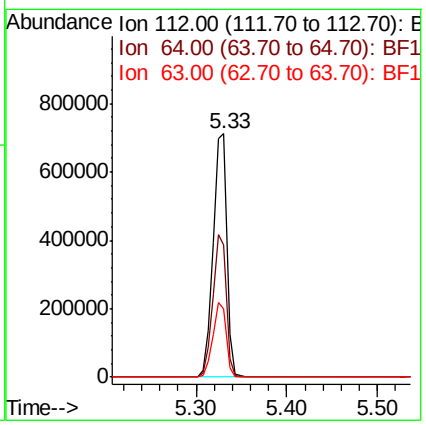


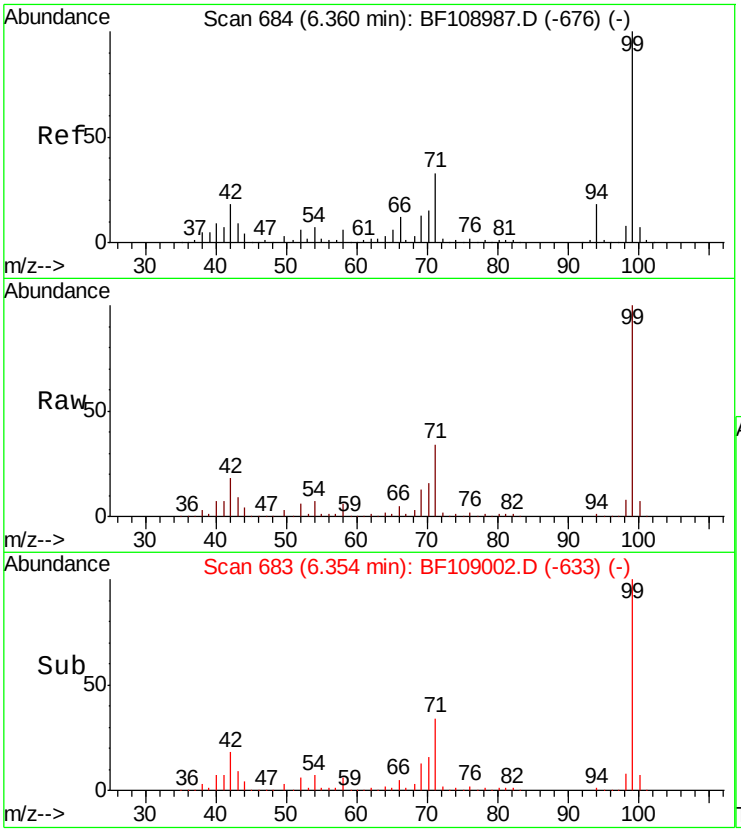


#5
2-Fluorophenol
Concen: 78.865 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:112 Resp: 744596

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	28.3	23.7	35.5



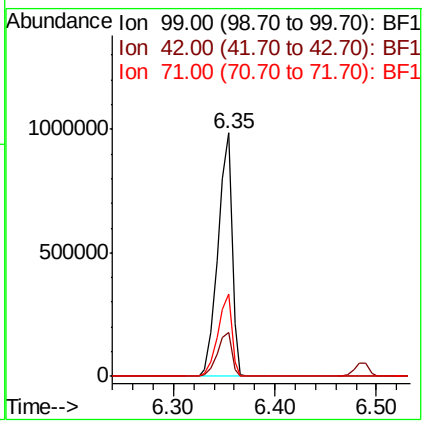


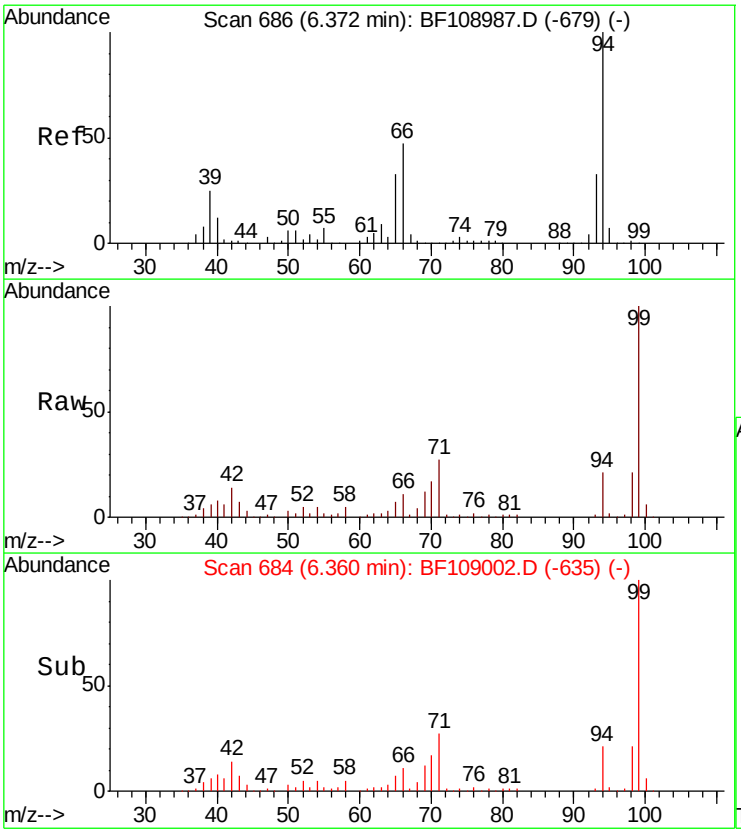
#7
Phenol-d6
Concen: 78.326 ng
RT: 6.35 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion: 99 Resp: 953551

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.7	25.4	38.0

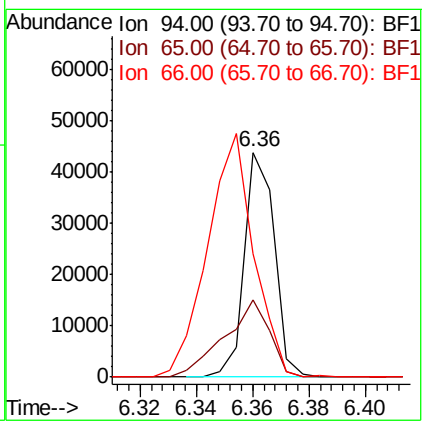


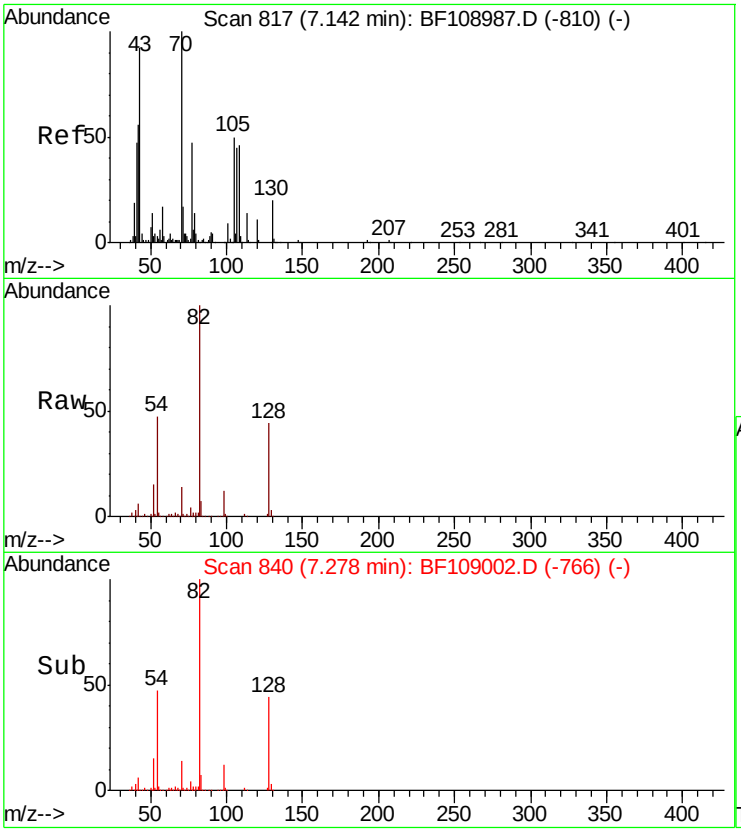


#10
Phenol
Concen: 2.350 ng
RT: 6.36 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion: 94 Resp: 32193

Ion	Ratio	Lower	Upper
94	100		
65	34.5	7.9	47.9
66	55.0	16.2	56.2



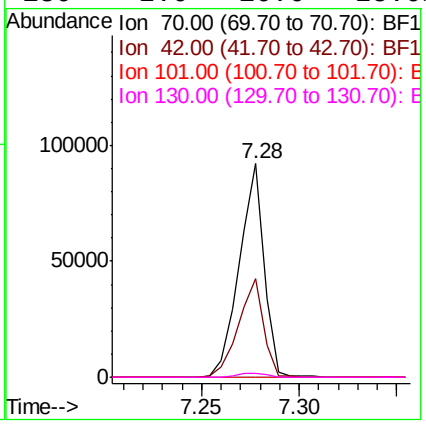


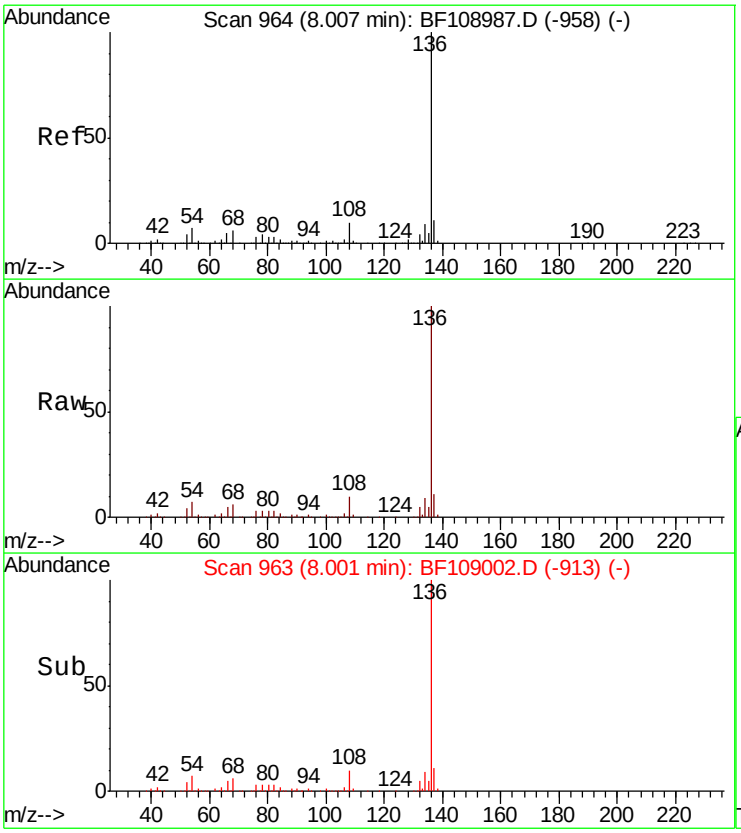
#19
n-Nitroso-di-n-propylamine
Concen: 10.094 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion: 70 Resp: 81228

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

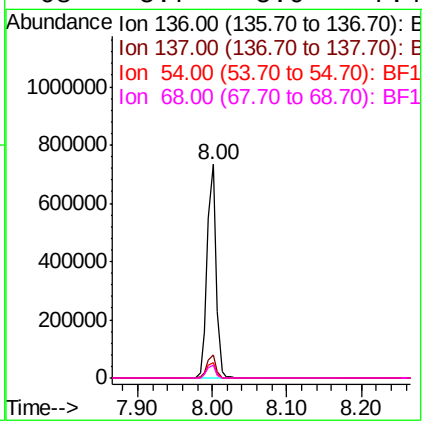


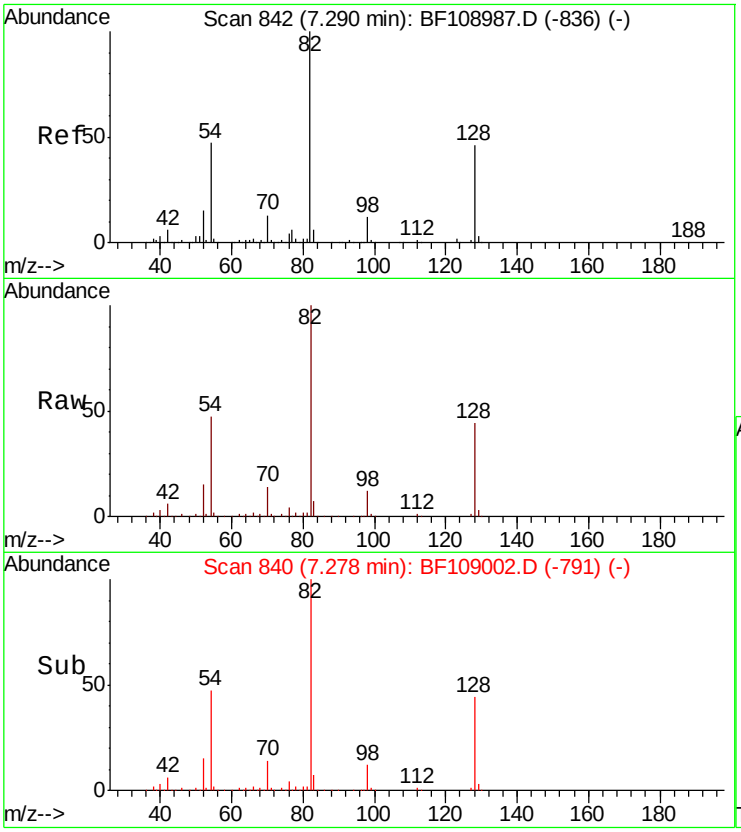


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:136 Resp: 615555

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4



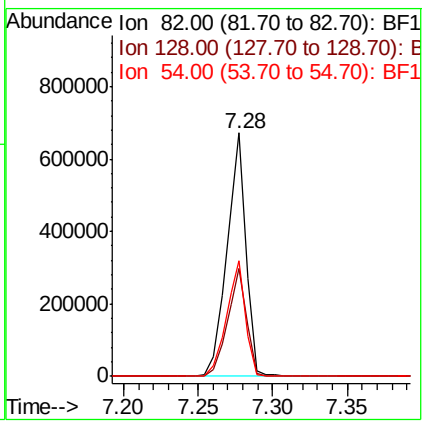


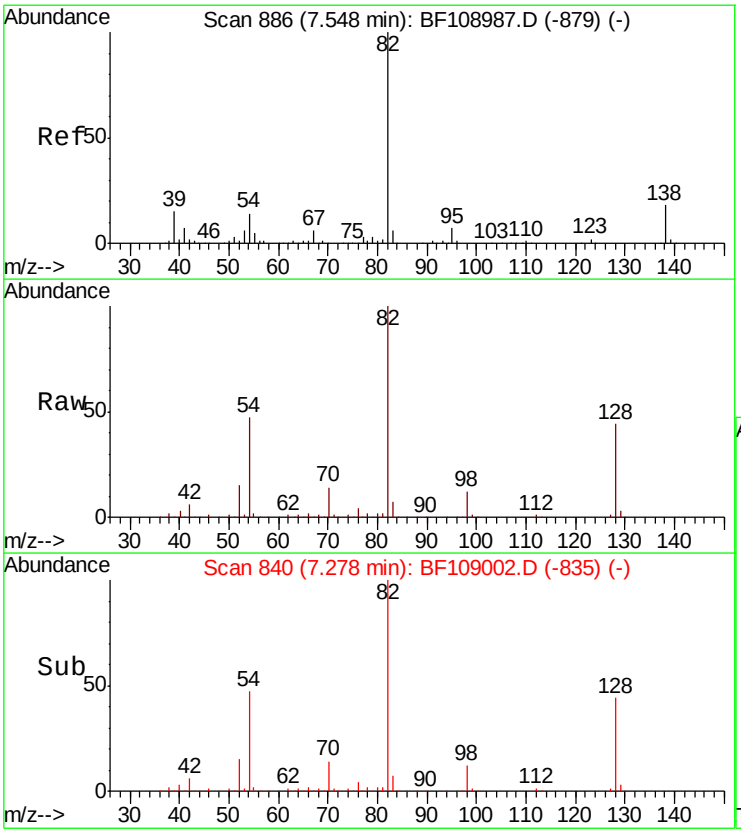
#23
Nitrobenzene-d5
Concen: 55.353 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion: 82 Resp: 607484

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	47.5	41.4	62.2

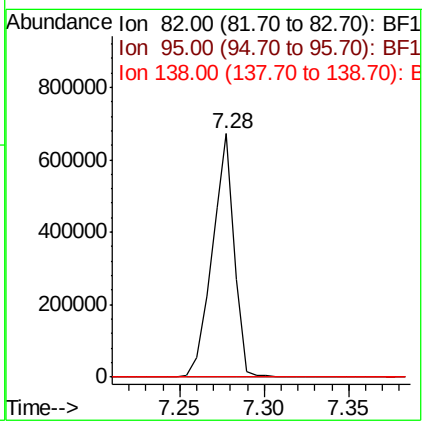


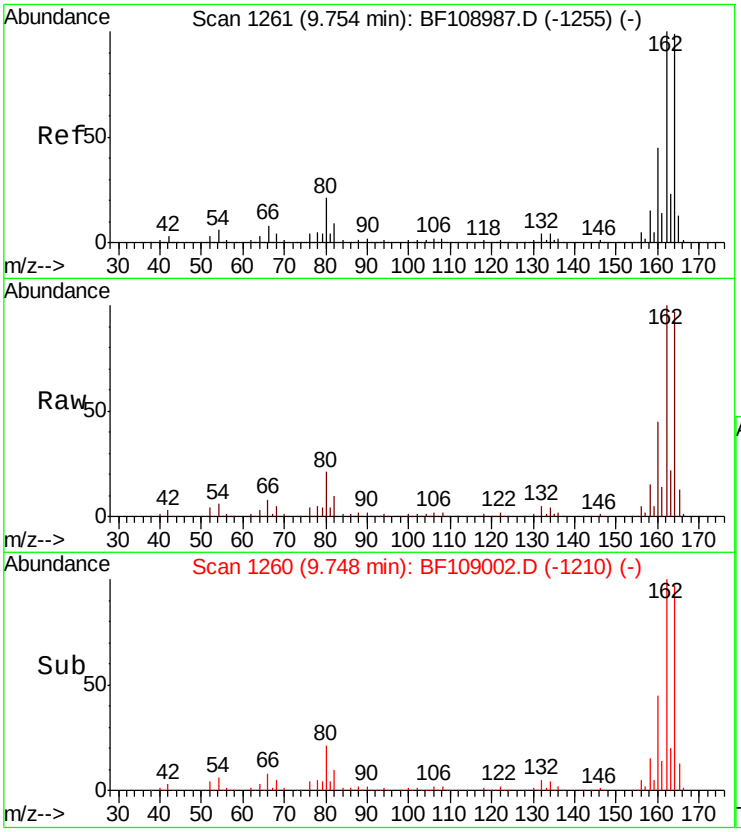


#25
Isophorone
Concen: 31.966 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.27 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion: 82 Resp: 603046

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



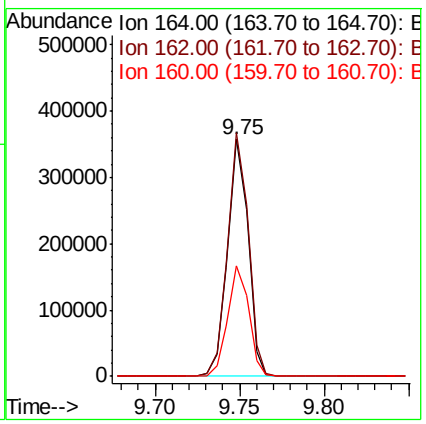


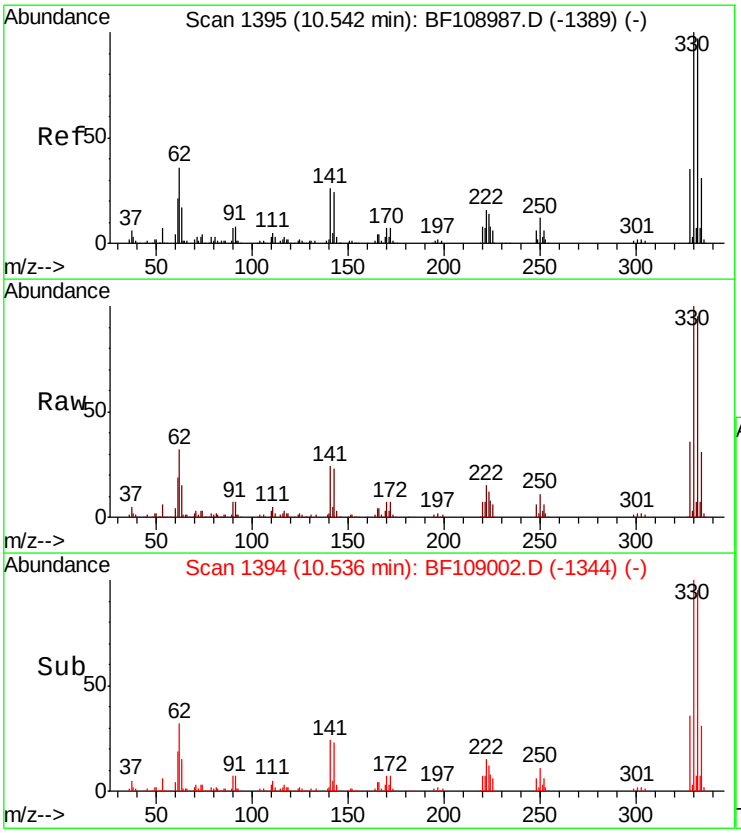
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:164 Resp: 301068

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.5	38.3	57.5

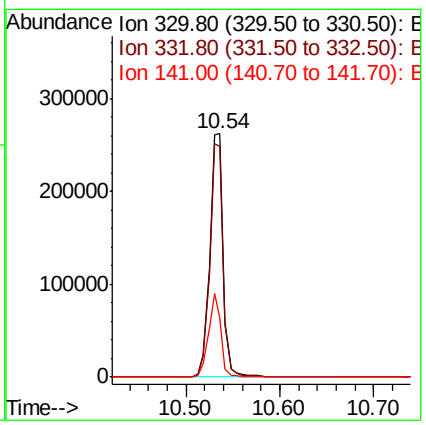


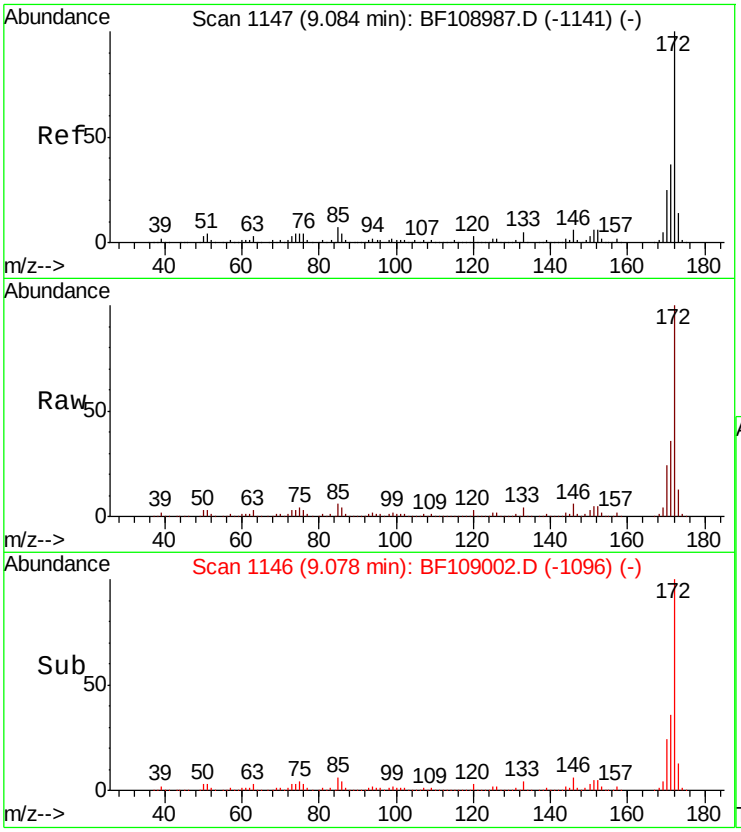


#41
2,4,6-Tribromophenol
Concen: 81.586 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:330 Resp: 266572

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	31.9	29.9	44.9



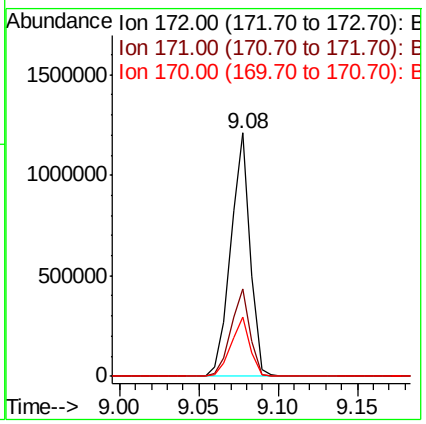


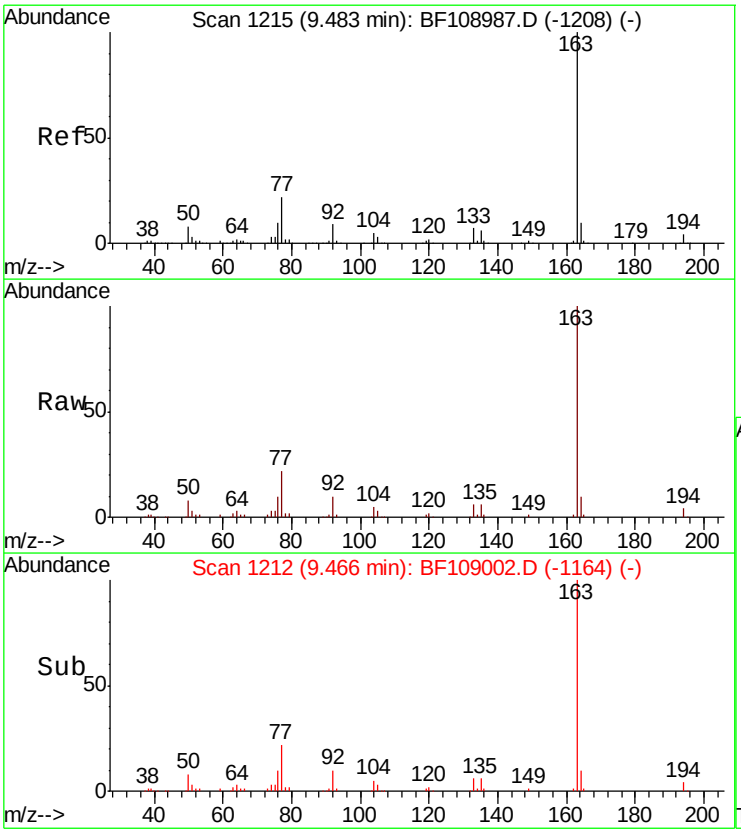
#44
2-Fluorobiphenyl
Concen: 53.512 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:172 Resp: 1028299

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

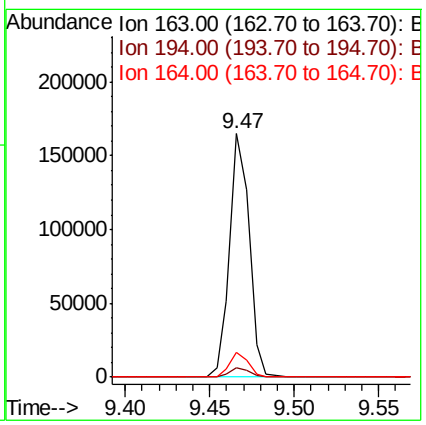


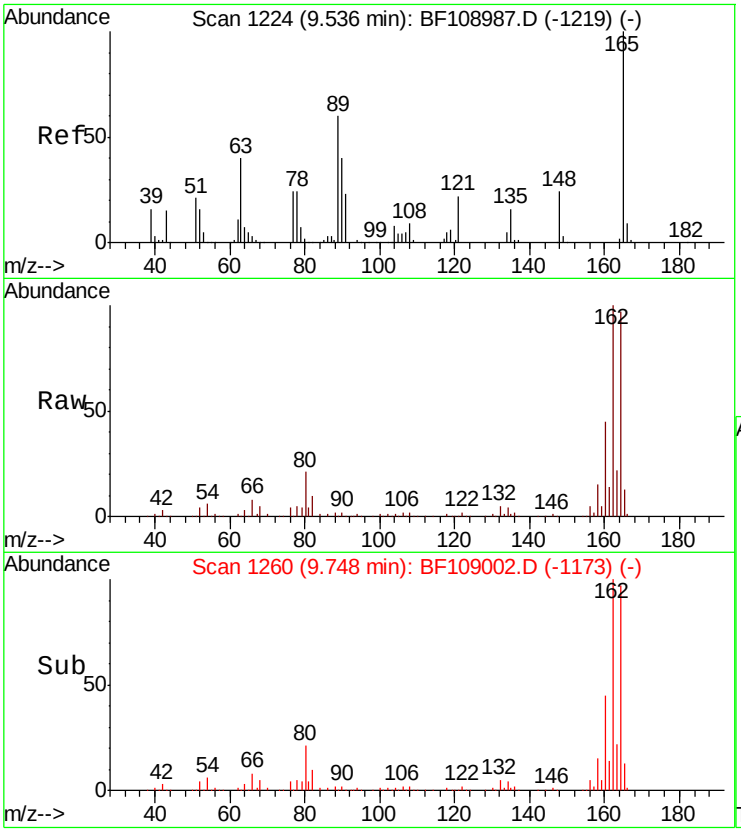


#49
Dimethylphthalate
Concen: 6.167 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:163 Resp: 132700

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2



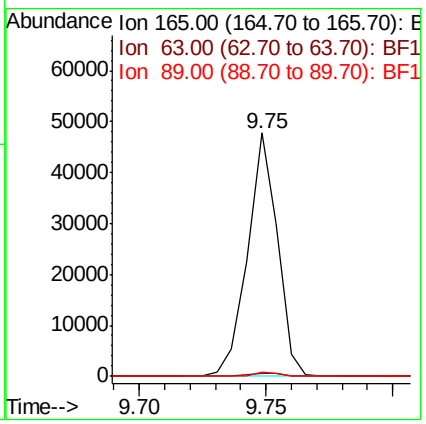


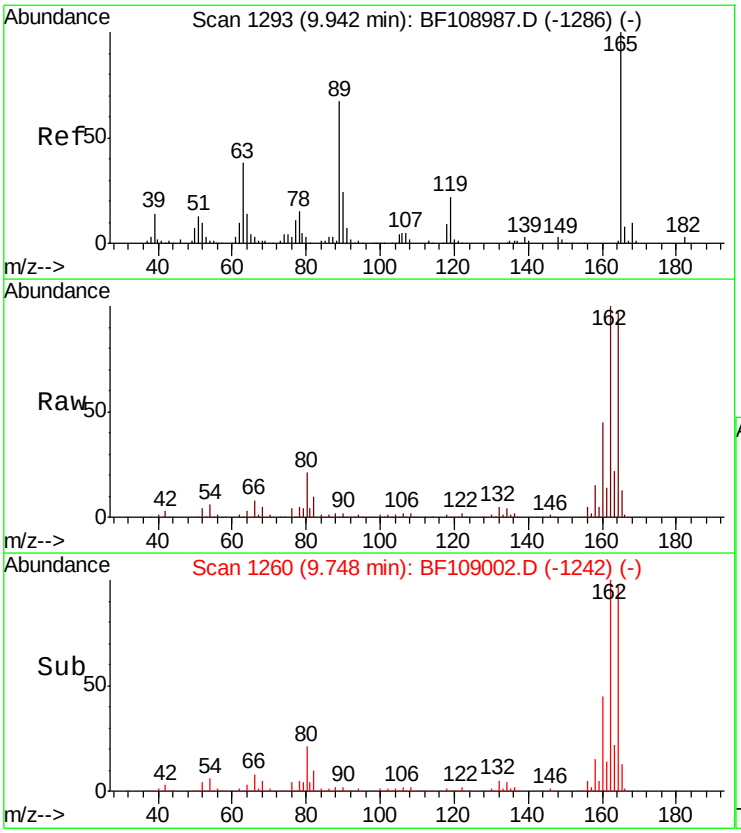
#50
2,6-Dinitrotoluene
Concen: 8.228 ng
RT: 9.75 min Scan# 1260
Delta R.T. 0.21 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:165 Resp: 39265

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#

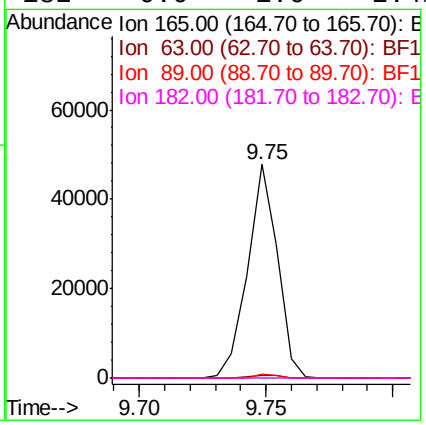


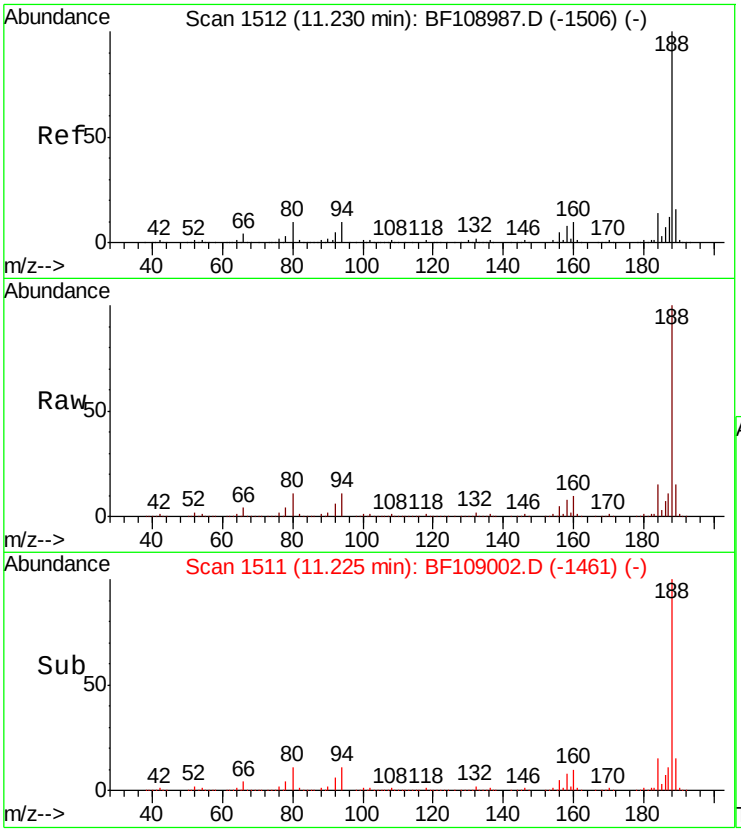


#56
2,4-Dinitrotoluene
Concen: 6.292 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.19 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:165 Resp: 39265

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



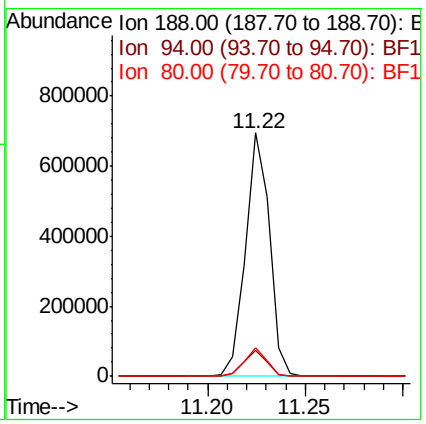


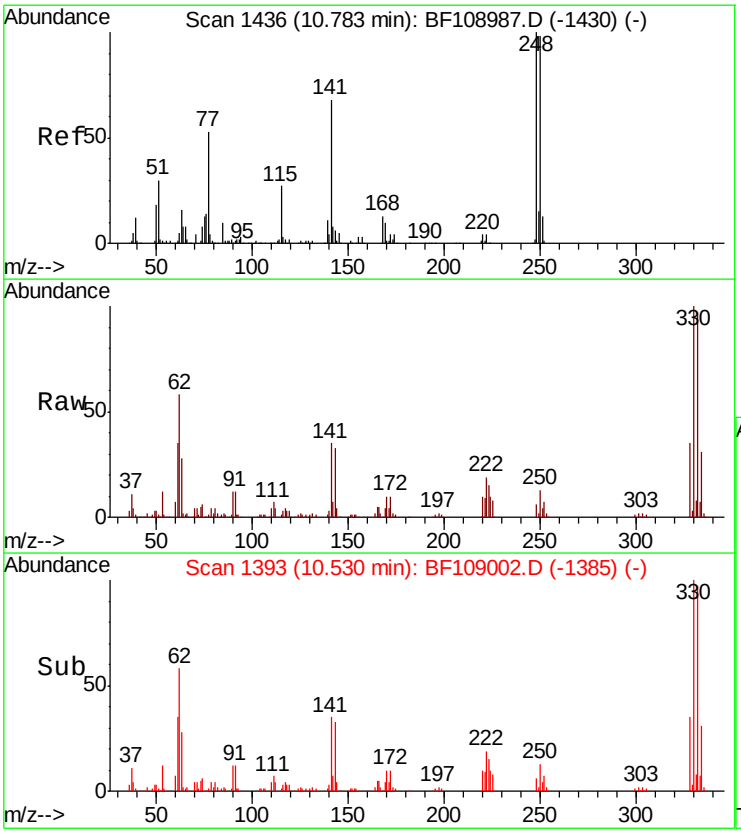
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:188 Resp: 592292

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.5	9.2	13.8

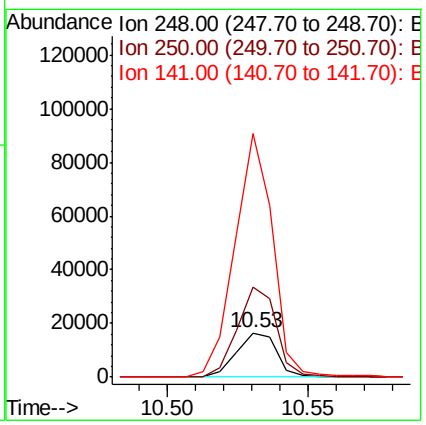


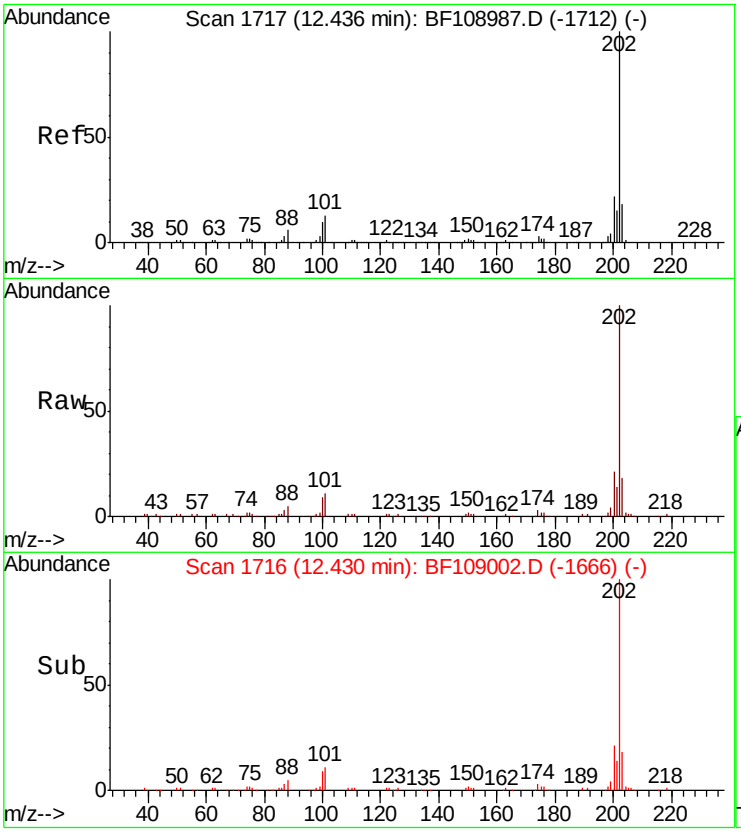


#66
4-Bromophenyl-phenylether
Concen: 2.446 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.25 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:248 Resp: 16330

Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.9	115.3#
141	548.0	74.4	111.6#



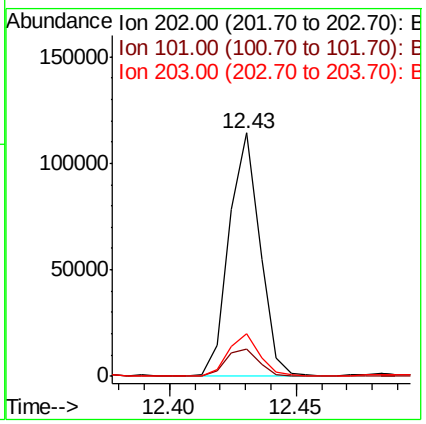


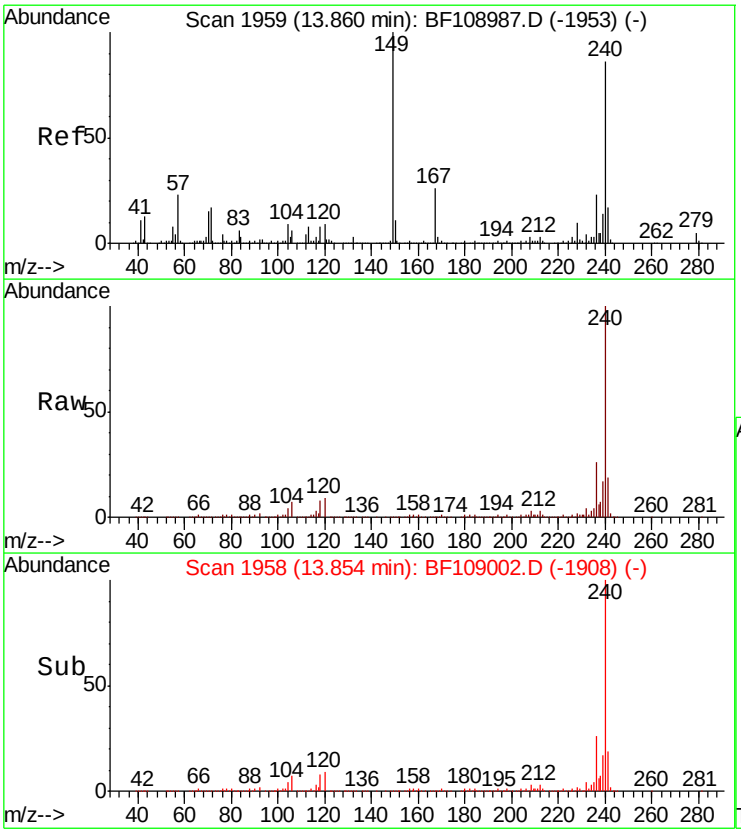
#74
Fluoranthene
Concen: 3.172 ng
RT: 12.43 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:202 Resp: 97213

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.6	0.0	38.1

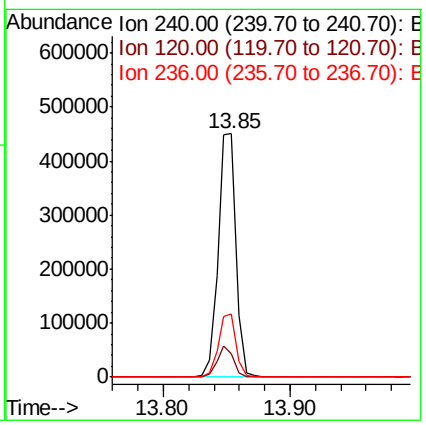


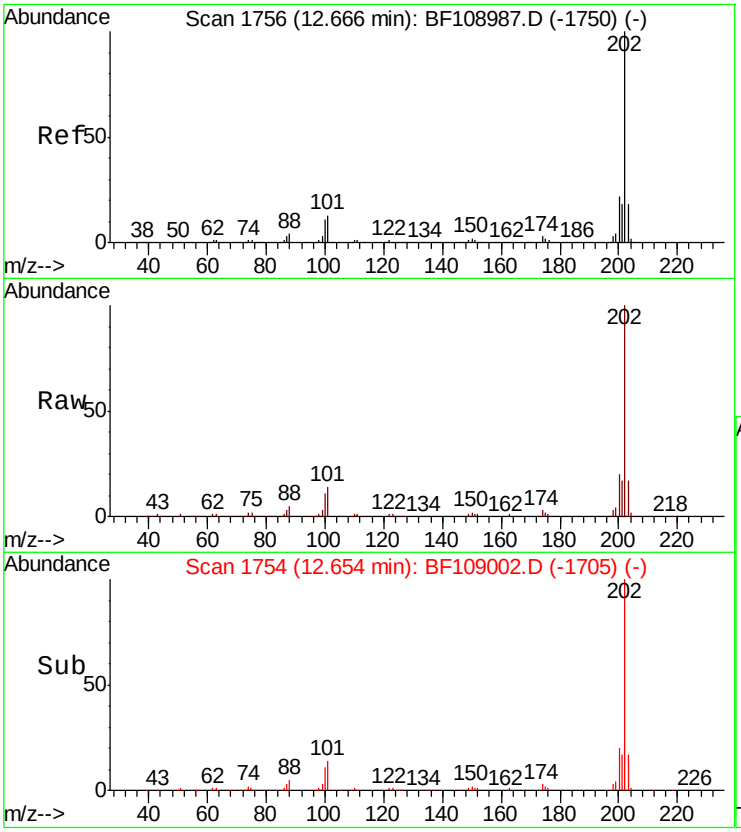


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:240 Resp: 441274

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	25.8	20.7	31.1



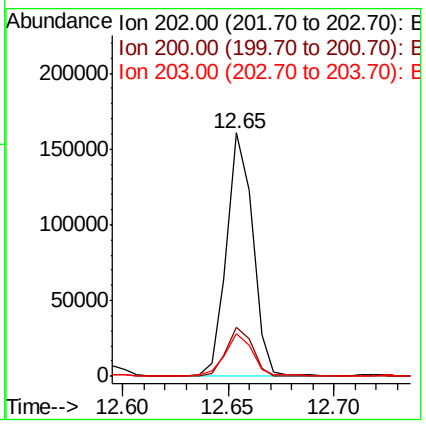


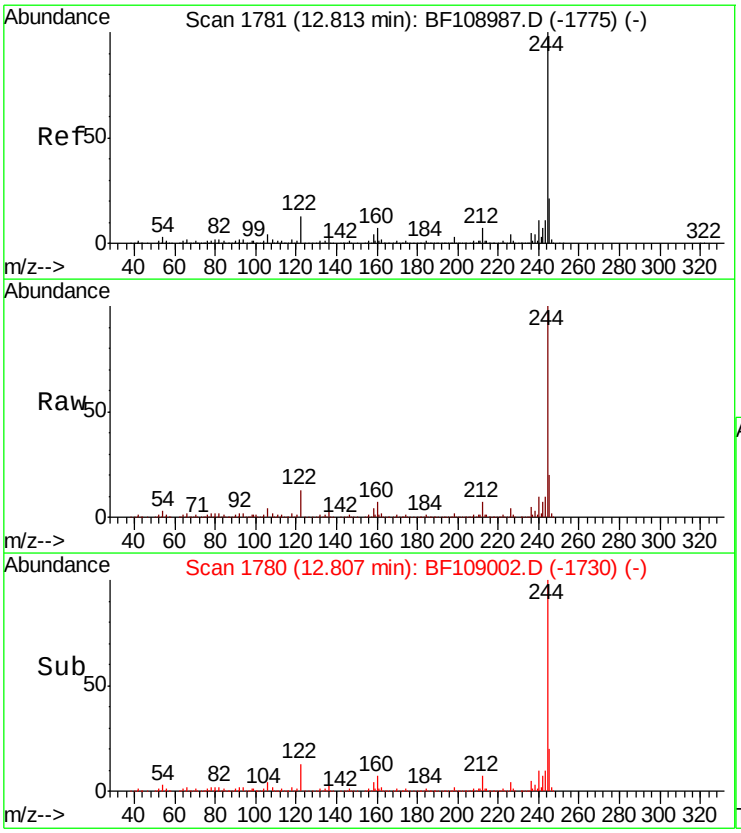
#77
Pyrene
Concen: 4.160 ng
RT: 12.65 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:202 Resp: 136337

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.4	14.3	21.5

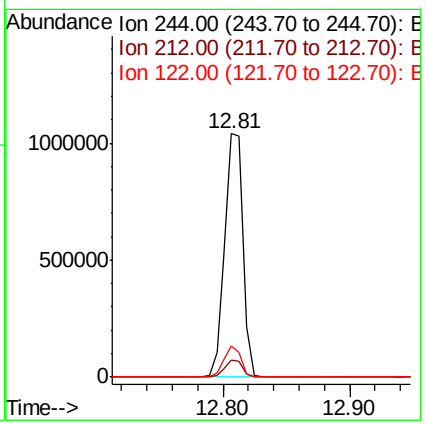


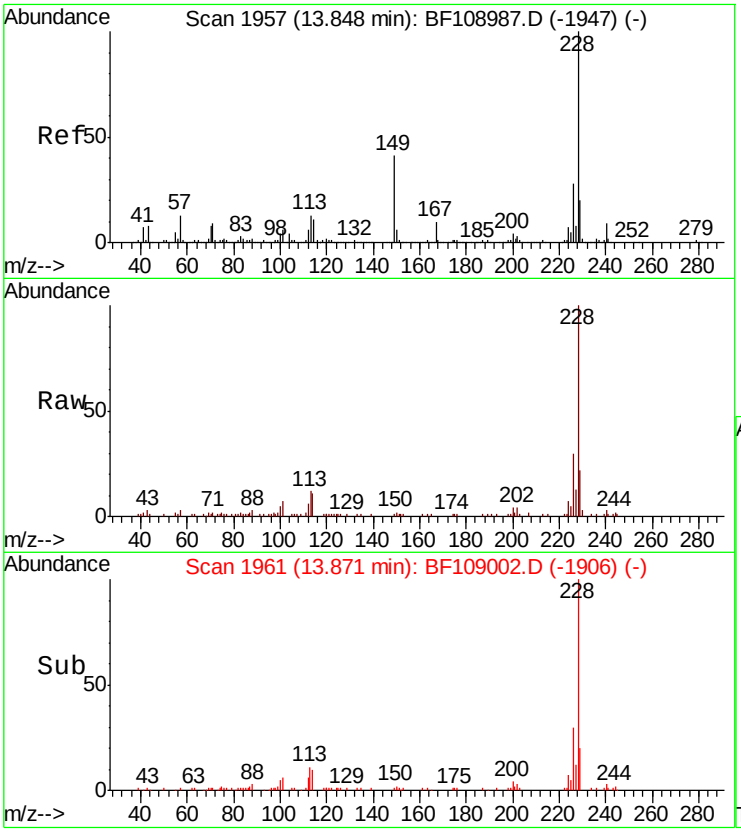


#78
Terphenyl-d14
Concen: 55.571 ng
RT: 12.81 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:244 Resp: 1034565

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.7	11.0	16.4



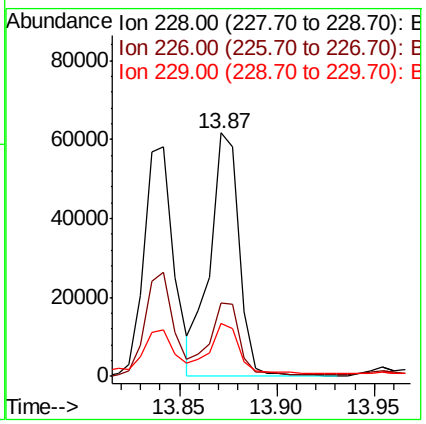


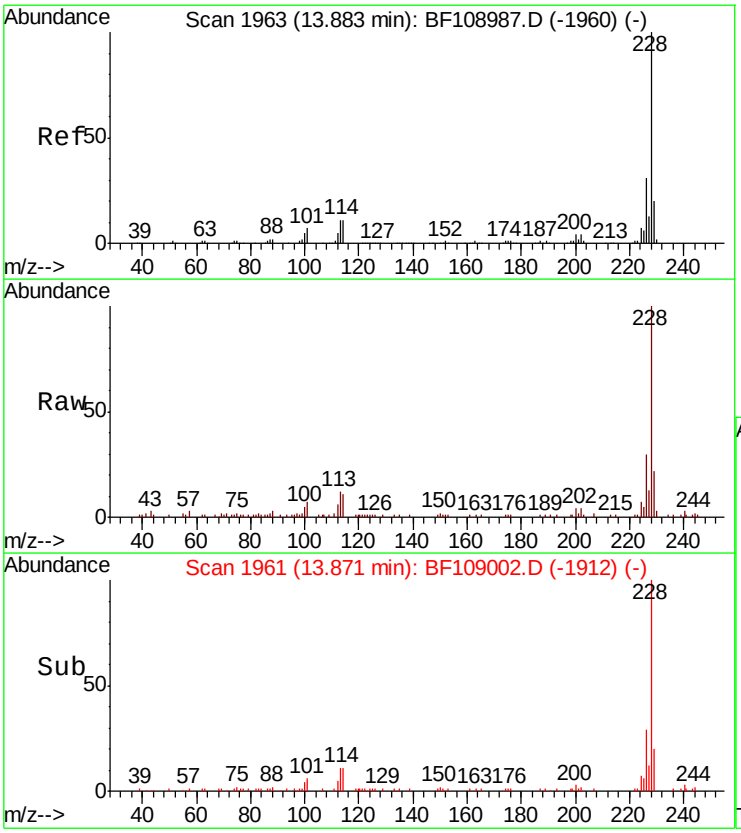
#80
Benzo(a)anthracene
Concen: 2.422 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.02 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:228 Resp: 64695

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.9	15.8	23.6

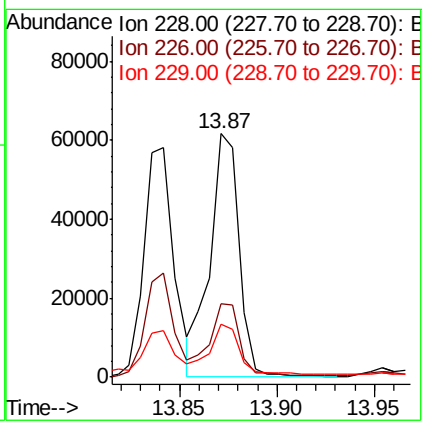


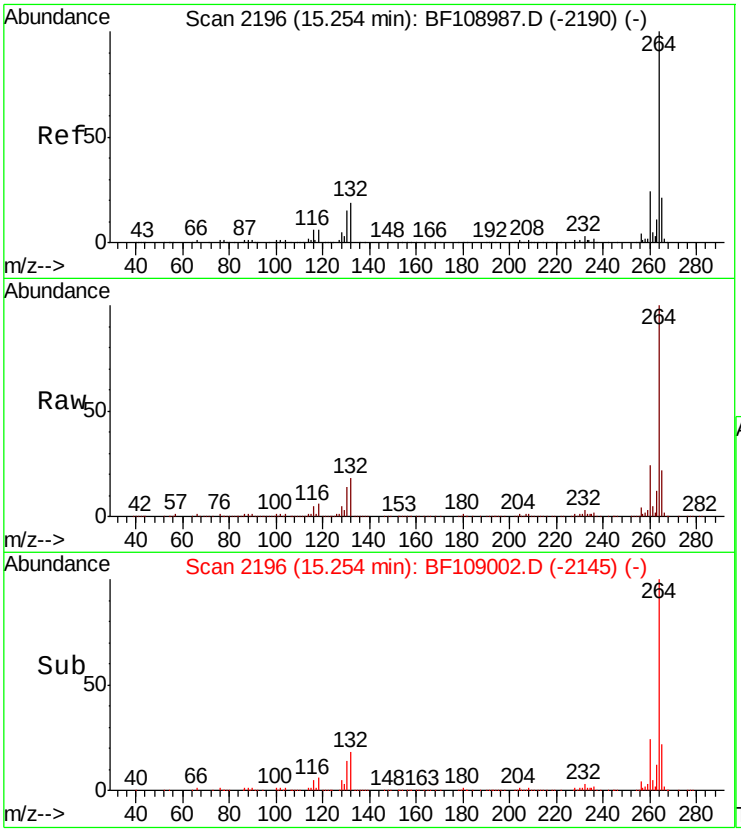


#82
Chrysene
Concen: 2.420 ng
RT: 13.87 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:228 Resp: 64695

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	21.9	16.2	24.4



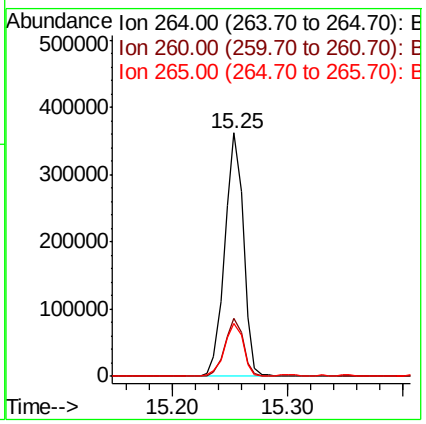


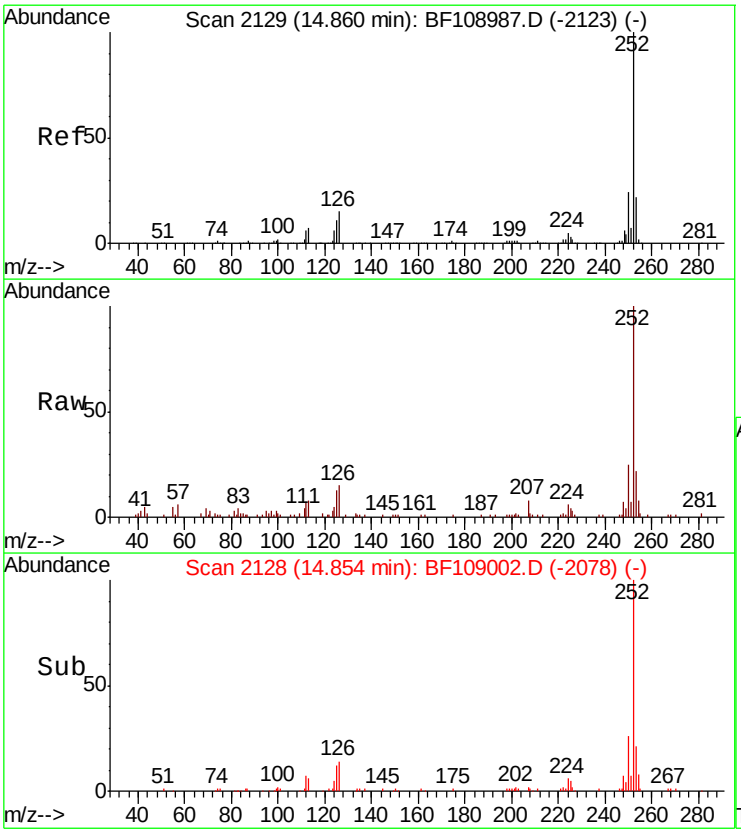
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.00 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:264 Resp: 405183

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.5	26.3

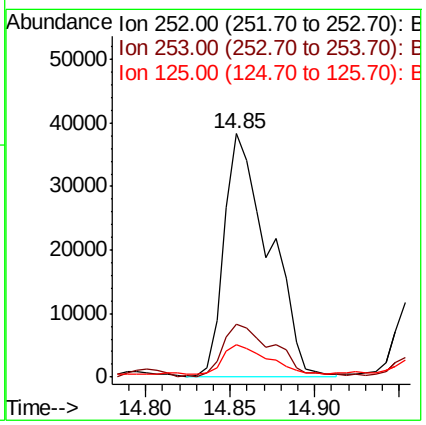


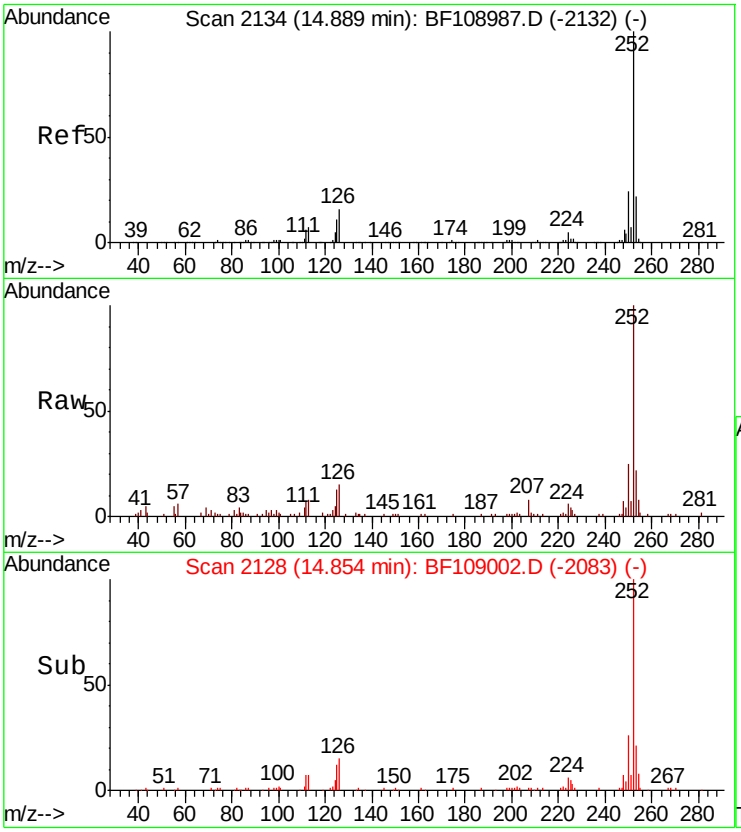


#87
Benzo(b)fluoranthene
Concen: 3.164 ng
RT: 14.85 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:252 Resp: 70925

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.2	9.0	13.6



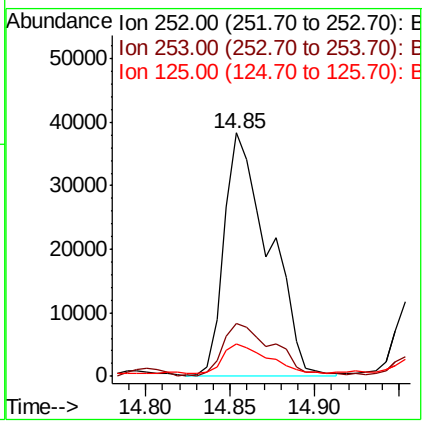


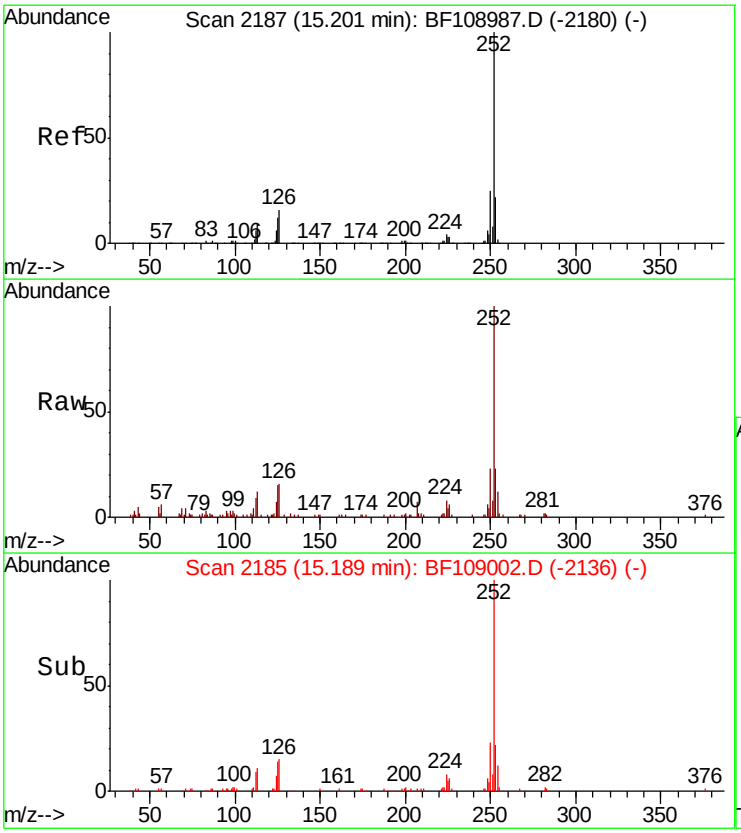
#88
Benzo(k)fluoranthene
Concen: 3.388 ng
RT: 14.85 min Scan# 2128
Delta R.T. -0.04 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Instrument :
BNA_F
ClientSampleId :
SP-PIT-8

Tgt Ion:252 Resp: 70925

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.2	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.352 ng
RT: 15.19 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BF109002.D
Acq: 14 Sep 2018 18:36

Tgt Ion:252 Resp: 46818

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.9	9.8	14.6#