Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108442.D
Acq On : 24 Aug 2018 1:05
Operator : JU/SJ
Sample : J4283-03 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-05-082118

Quant Time: Aug 24 04:00:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	131503	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	495720	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	223179	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	356691	20.00	ng		0.00
75) Chrysene-d12	14.19	240	269322	20.00	ng		0.00
86) Perylene-d12	15.75	264	237428	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	100989	13.90	ng		-0.01
7) Phenol-d6	6.61	99	140299	14.54	ng		-0.02
23) Nitrobenzene-d5	7.56	82	87318	9.83	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	22411	10.07	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	174426	12.55	ng		-0.01
78) Terphenyl-d14	13.12	244	123719	11.68	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.56	82	87317	5.157	ng	#	64
50) 2,6-Dinitrotoluene	10.04	165	29532	9.080	ng	#	26
55) 4-Nitrophenol	10.25	139	10438	3.873	ng	#	9
56) 2,4-Dinitrotoluene	10.04	165	29532	7.054	ng	#	23
57) Fluorene	10.60	166	39905	2.763	ng		97
70) Phenanthrene	11.57	178	294034	17.477	ng		98
71) Anthracene	11.61	178	93395	5.416	ng		98
74) Fluoranthene	12.76	202	454573	24.757	ng		94
77) Pyrene	13.00	202	406318	23.830	ng		99
80) Benzo(a)anthracene	14.18	228	233424	15.102	ng		100
82) Chrysene	14.22	228	183473	12.948	ng		99
87) Benzo(b)fluoranthene	15.28	252	358634	25.279	ng		98
88) Benzo(k)fluoranthene	15.28	252	358634	27.499	ng		97
89) Benzo(a)pyrene	15.68	252	198392	15.616	ng		98
91) Benzo(g,h,i)perylene	17.85	276	85731	8.283	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
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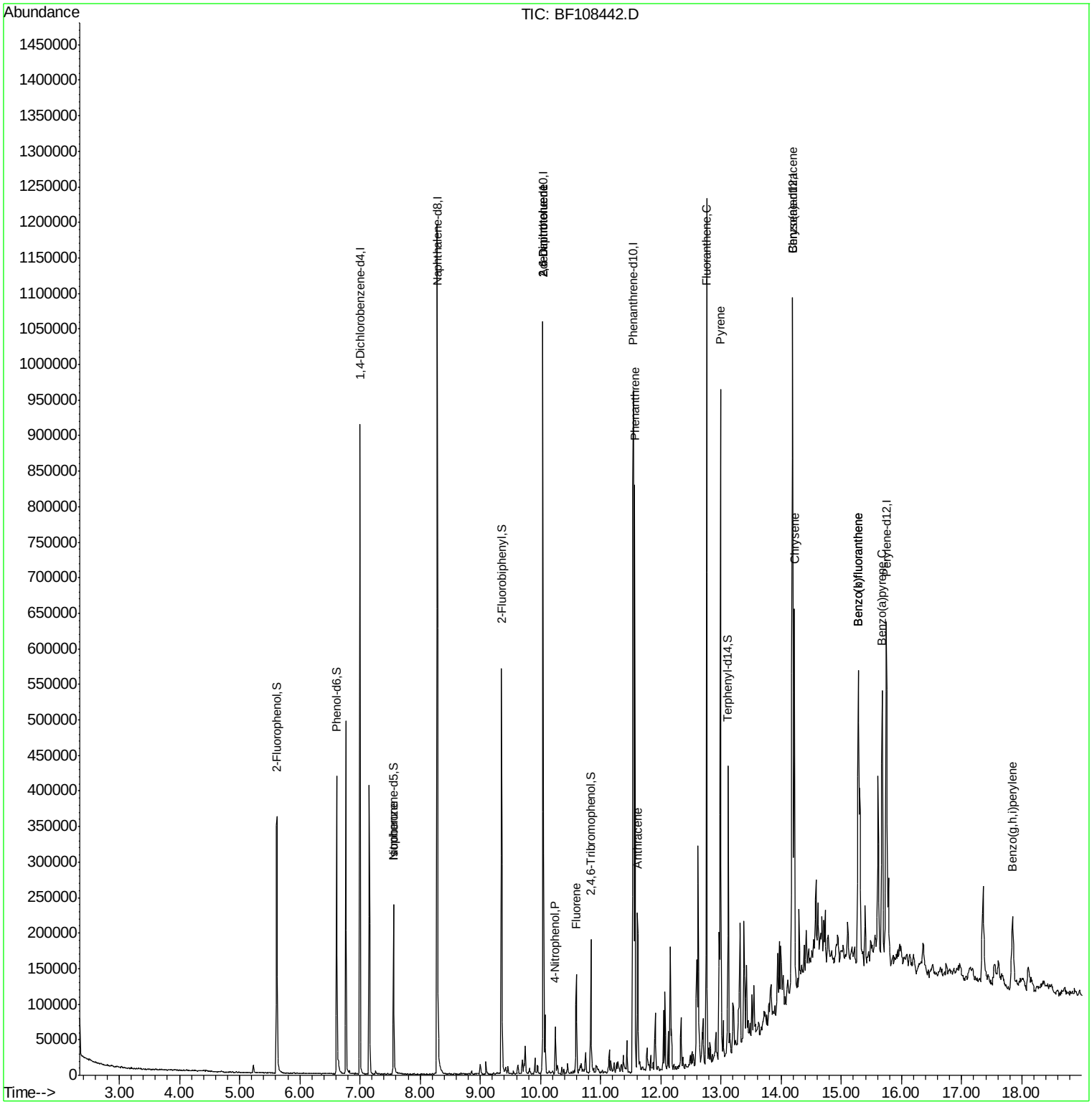
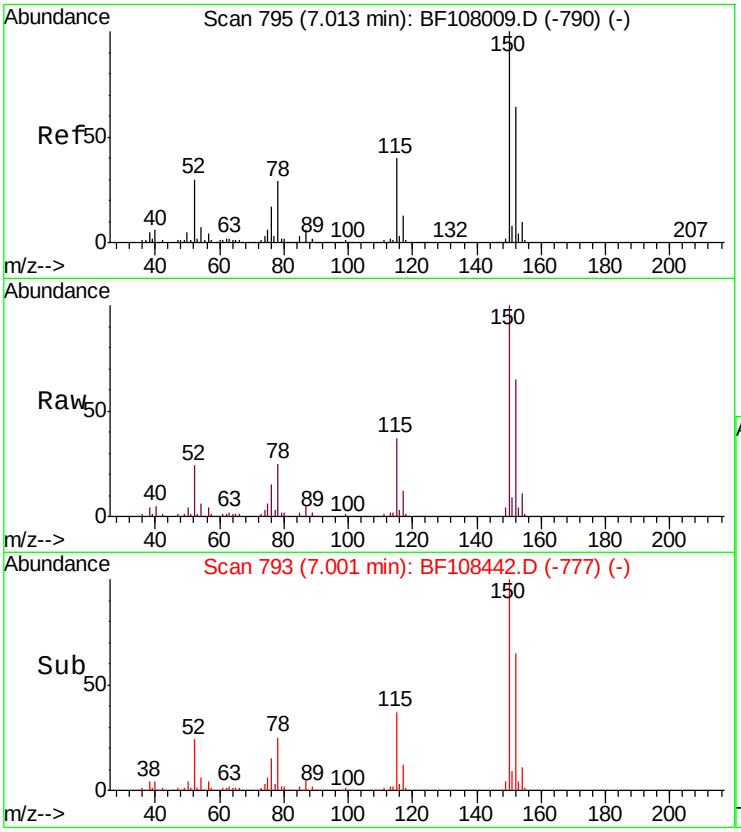


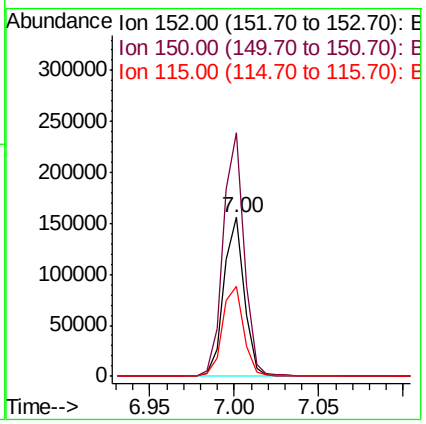


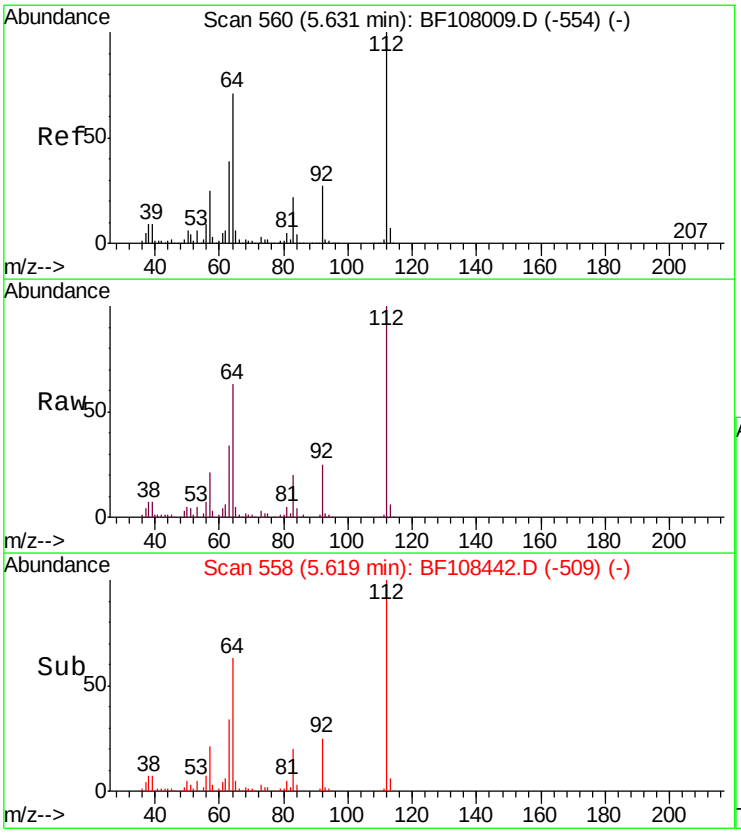
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:152 Resp: 131503

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	56.9	50.1	75.1

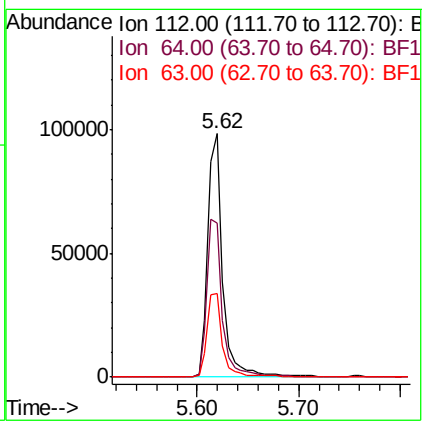


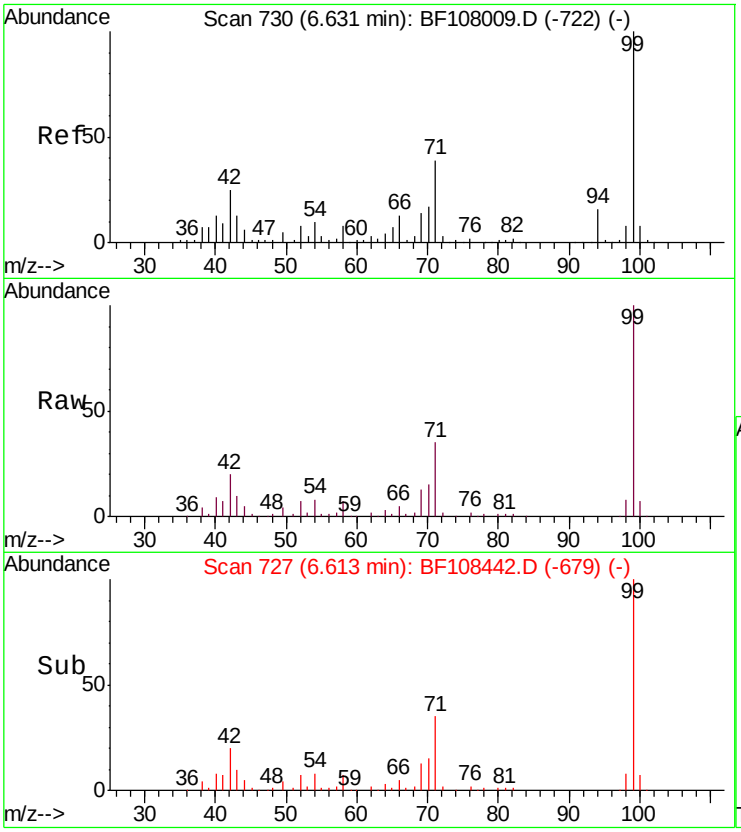


#5
2-Fluorophenol
Concen: 13.904 ng
RT: 5.62 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:112 Resp: 100989

Ion	Ratio	Lower	Upper
112	100		
64	63.1	47.9	71.9
63	34.3	23.7	35.5



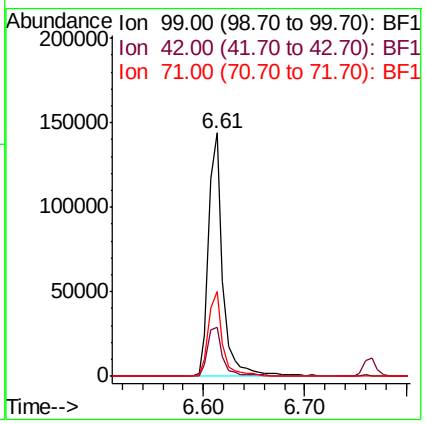


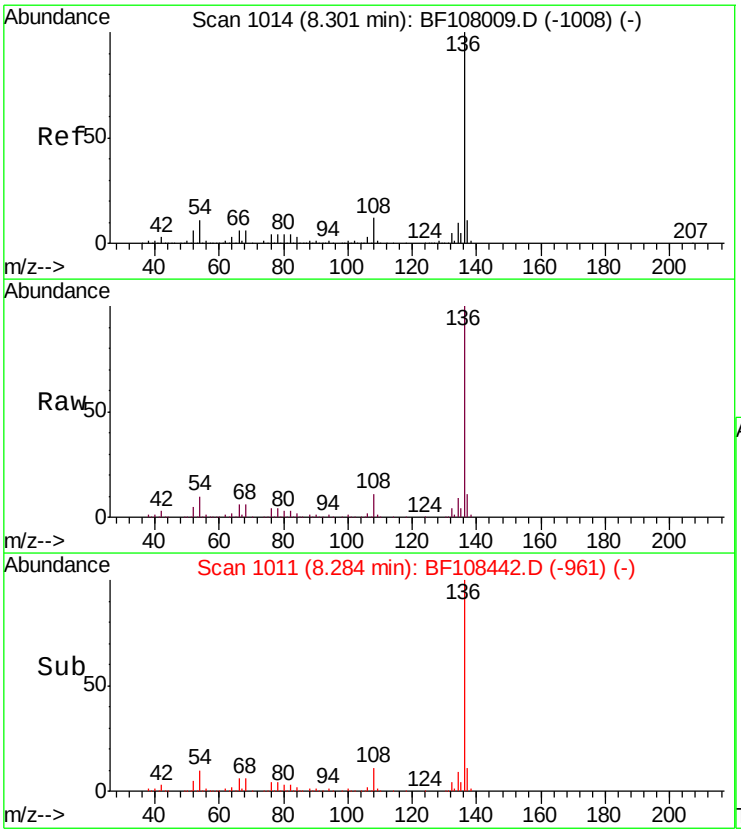
#7
Phenol-d6
Concen: 14.535 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion: 99 Resp: 140299

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	35.0	25.4	38.0

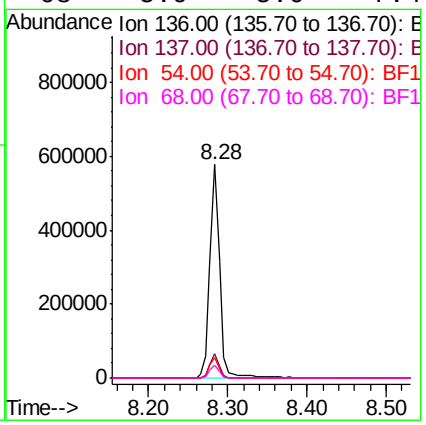


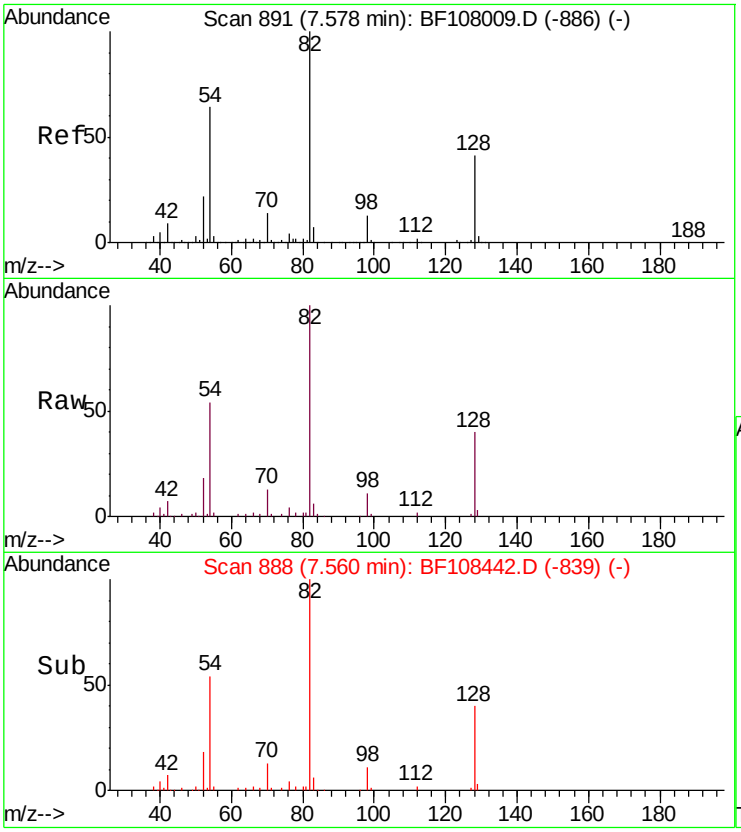


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:136 Resp: 495720

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.8	6.6	9.8#
68	5.9	5.0	7.4



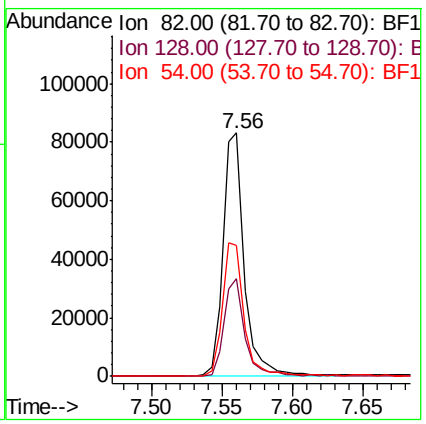


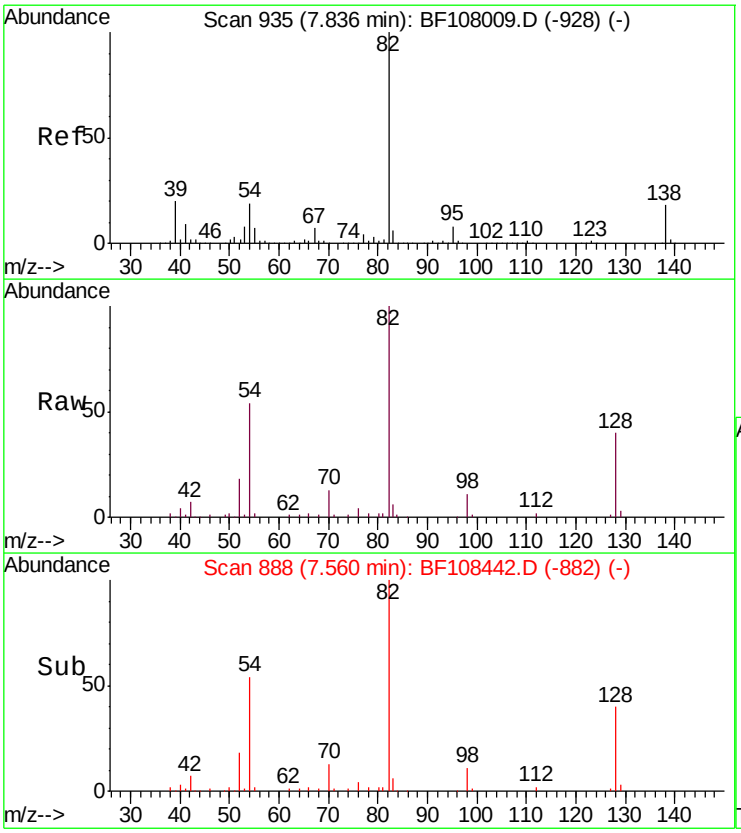
#23
Nitrobenzene-d5
Concen: 9.829 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion: 82 Resp: 87318

Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	53.6	41.4	62.2

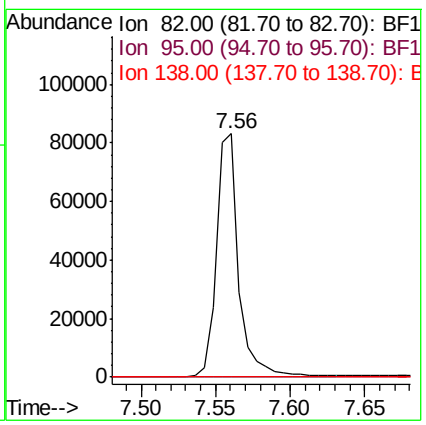


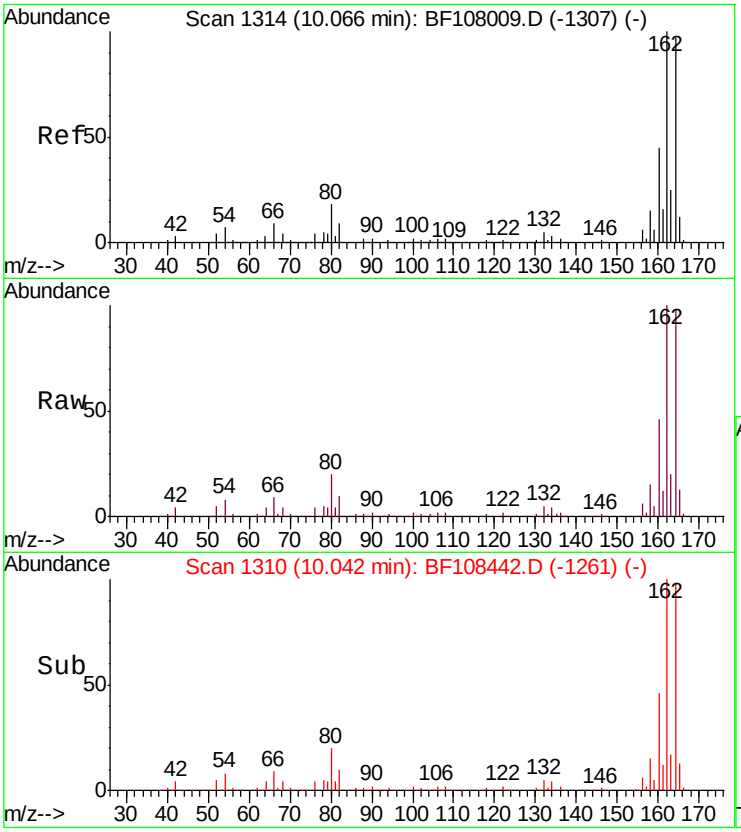


#25
Isophorone
Concen: 5.157 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion: 82 Resp: 87317

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



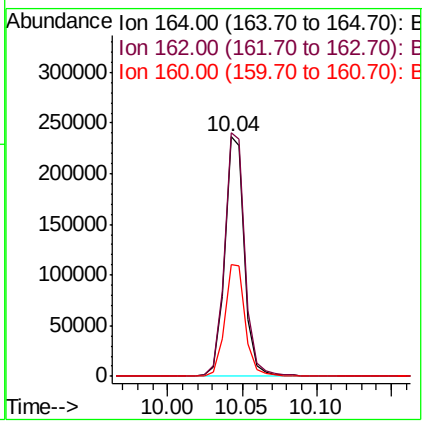


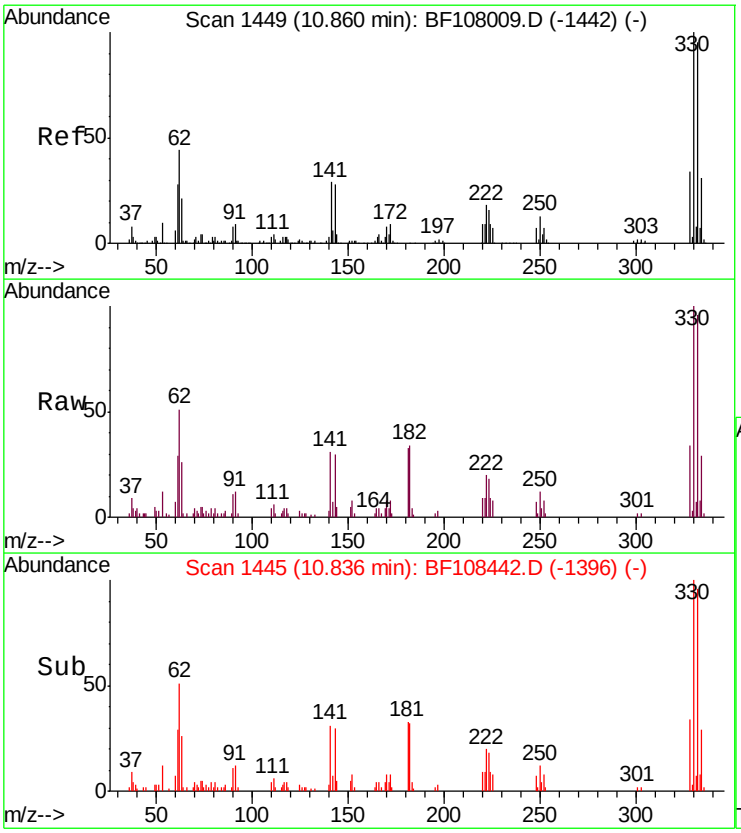
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:164 Resp: 223179

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.6	38.3	57.5

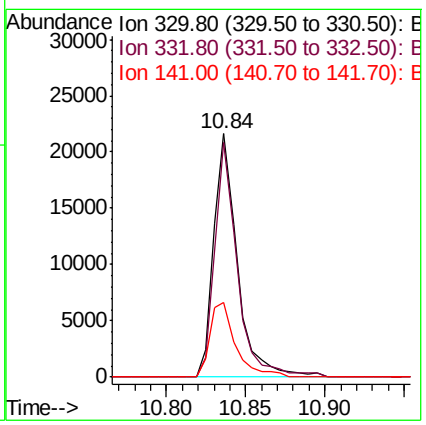


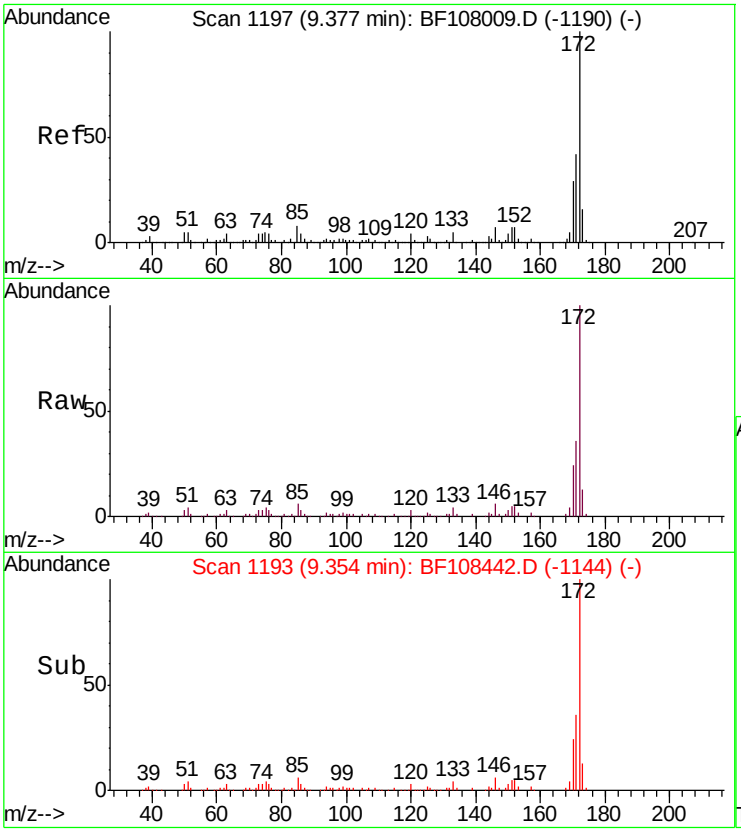


#41
2,4,6-Tribromophenol
Concen: 10.067 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:330 Resp: 22411

Ion	Ratio	Lower	Upper
330	100		
332	91.3	77.0	115.6
141	33.4	29.9	44.9



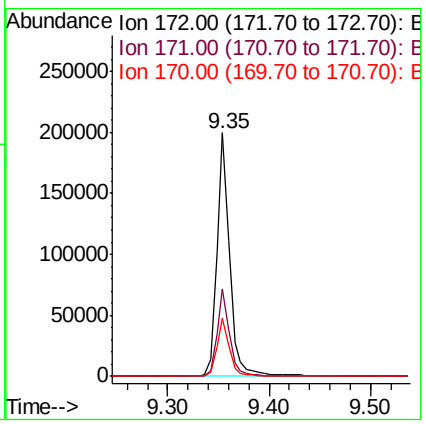


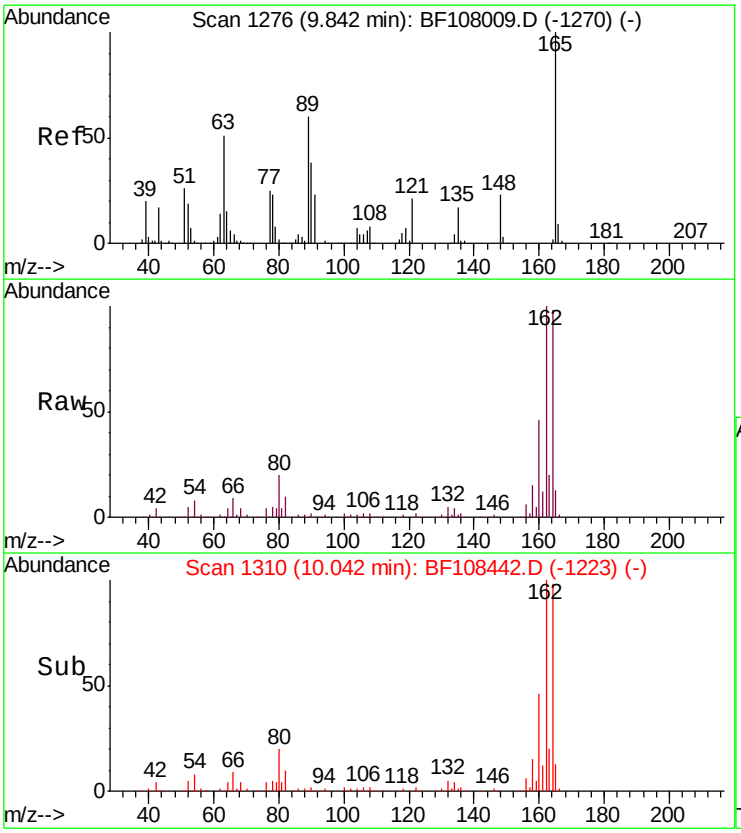
#44
2-Fluorobiphenyl
Concen: 12.548 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:172 Resp: 174426

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

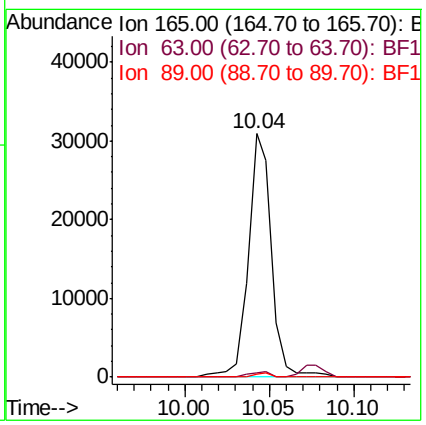


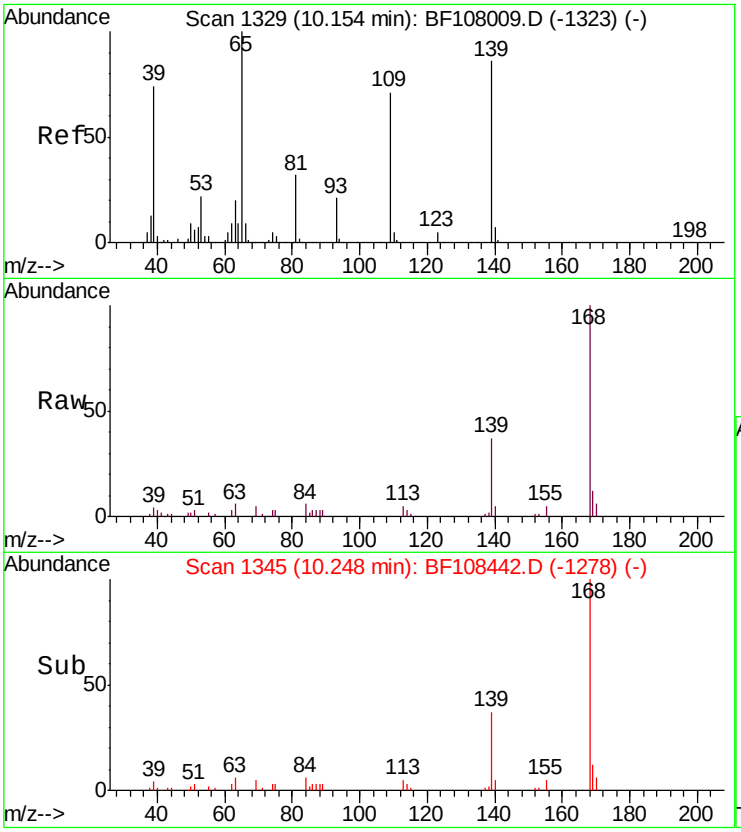


#50
2,6-Dinitrotoluene
Concen: 9.080 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:165 Resp: 29532

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



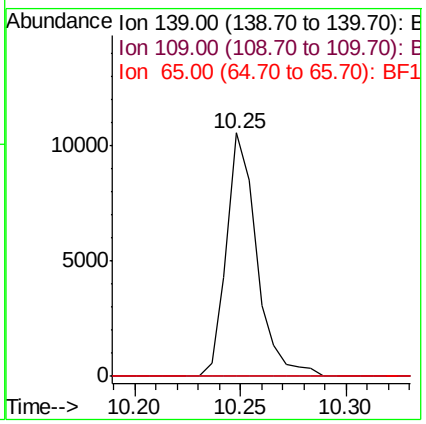


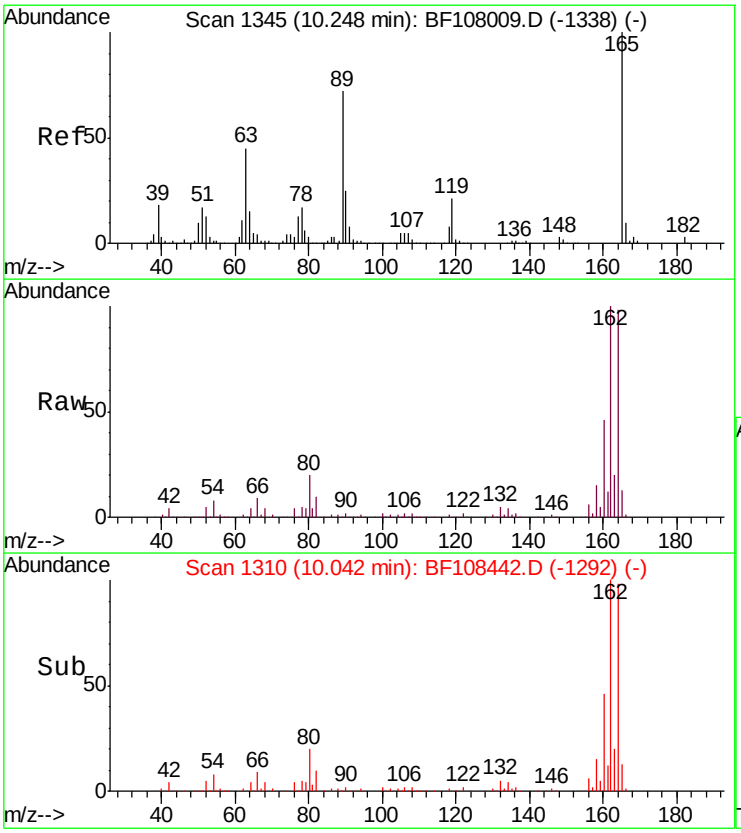
#55
4-Nitrophenol
Concen: 3.873 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.09 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:139 Resp: 10438

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

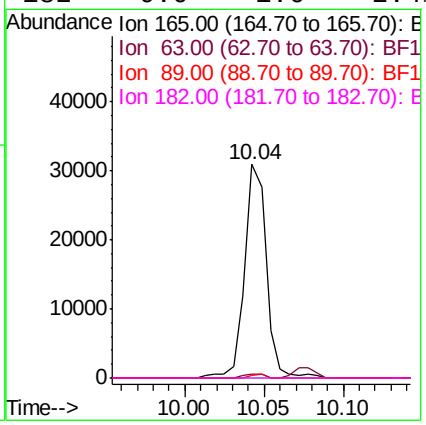


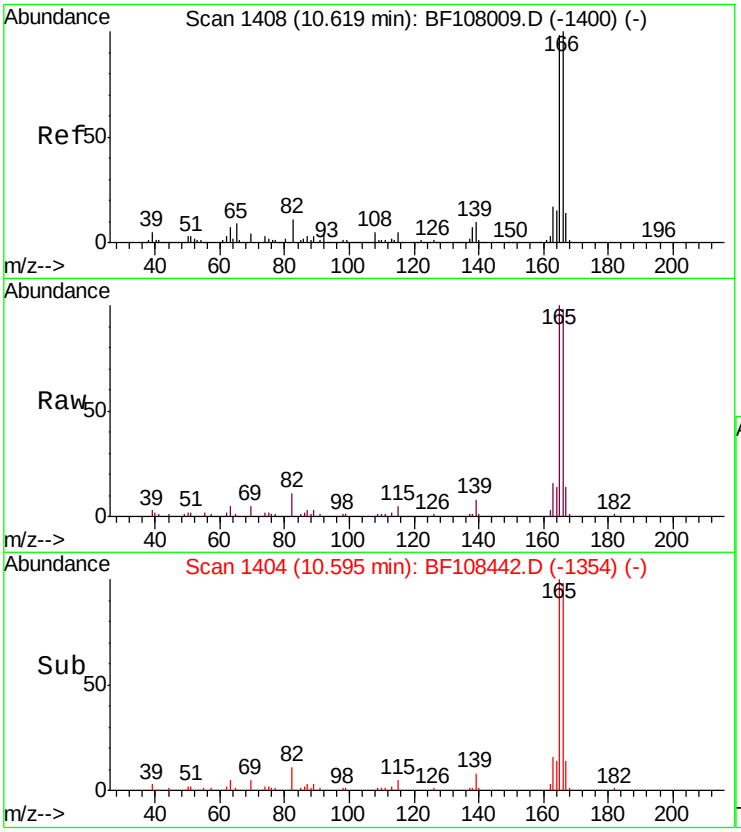


#56
2,4-Dinitrotoluene
Concen: 7.054 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:165 Resp: 29532

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



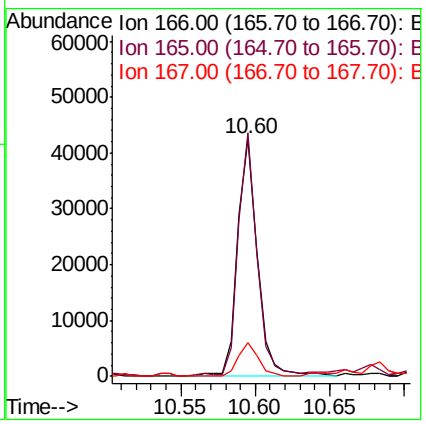


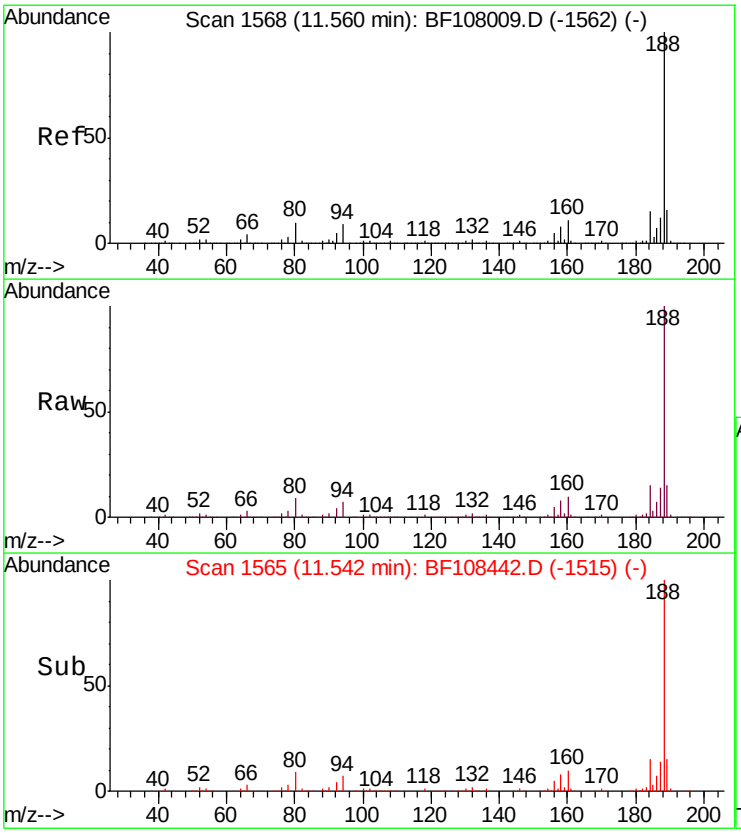
#57
Fluorene
Concen: 2.763 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:166 Resp: 39905

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.8	119.8
167	14.0	10.6	16.0

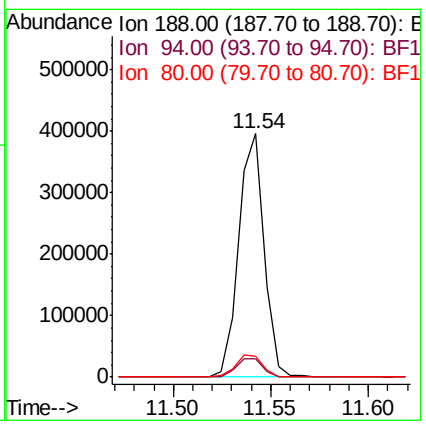


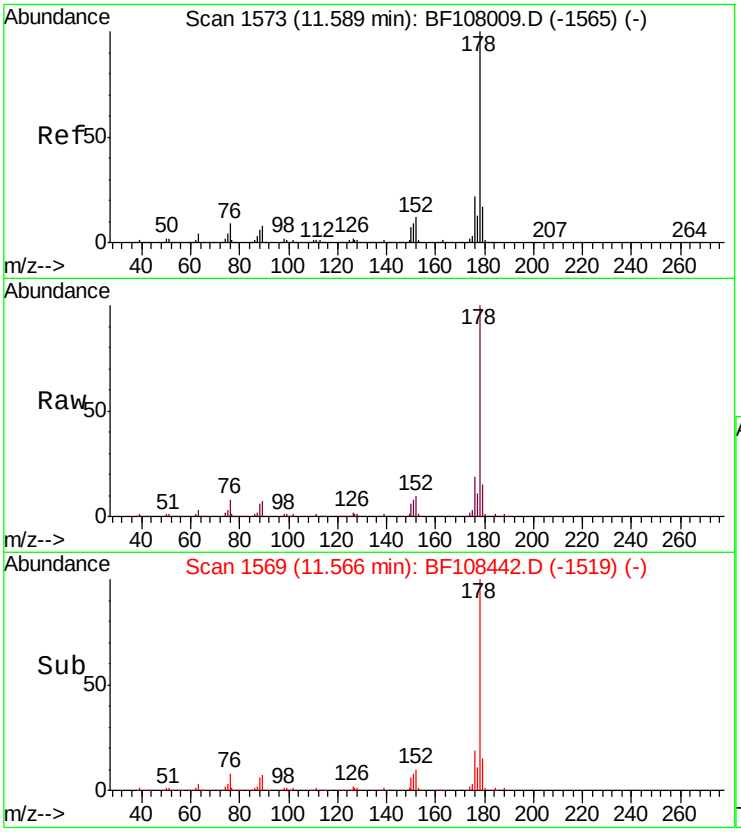


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:188 Resp: 356691

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.6	9.2	13.8#



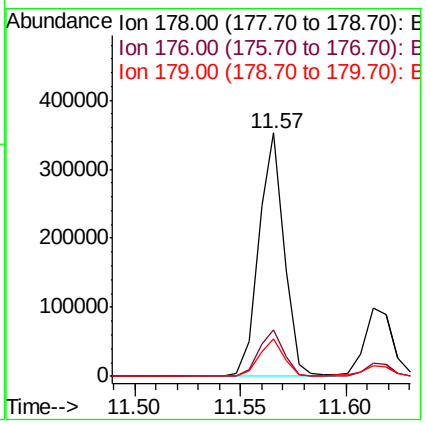


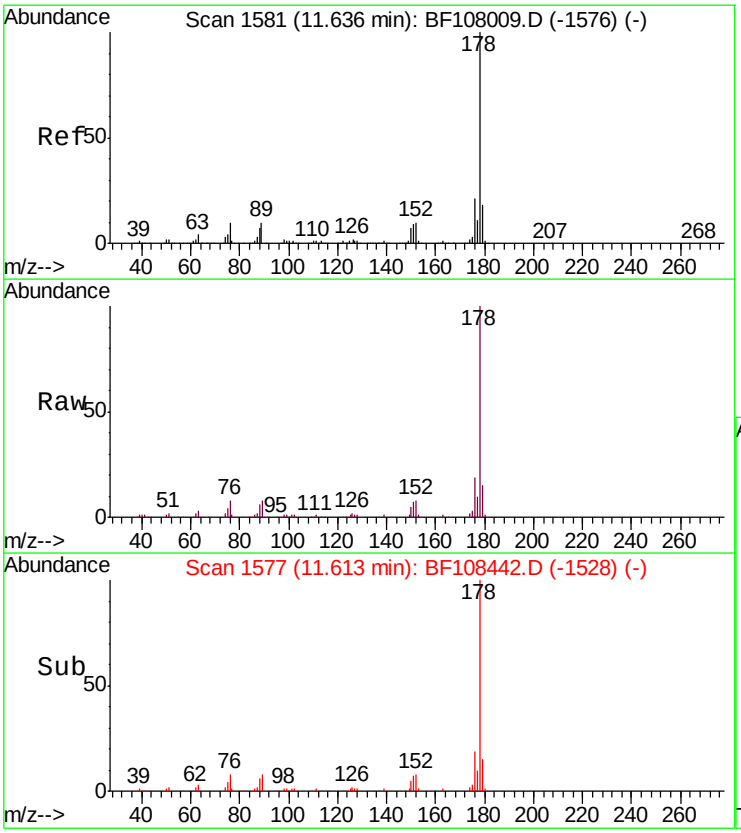
#70
Phenanthrene
Concen: 17.477 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:178 Resp: 294034

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

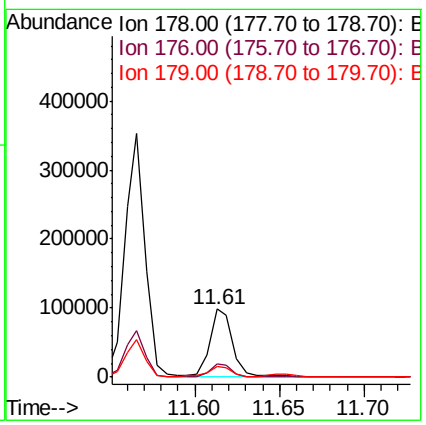


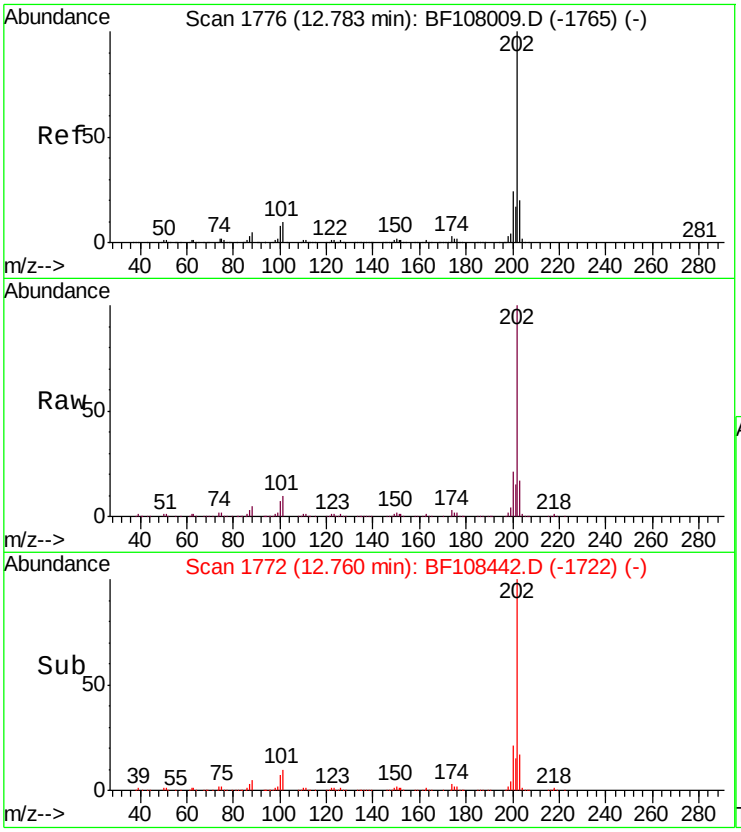


#71
Anthracene
Concen: 5.416 ng
RT: 11.61 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:178 Resp: 93395

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.2	12.6	19.0



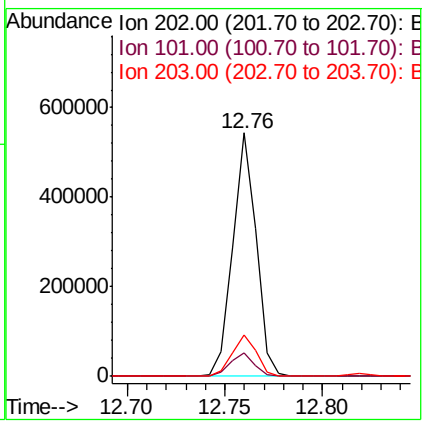


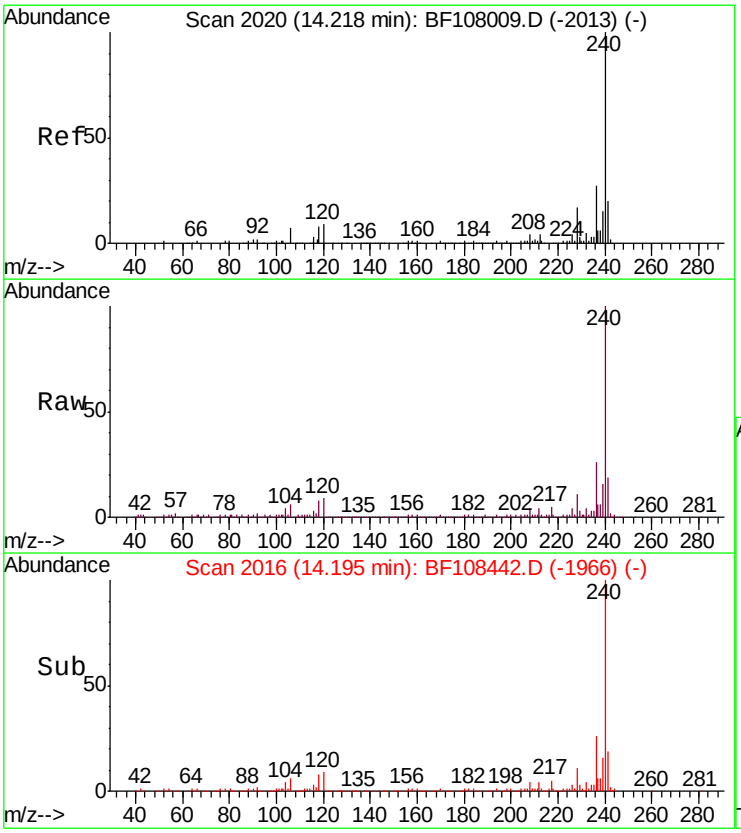
#74
Fluoranthene
Concen: 24.757 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:202 Resp: 454573

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.2	0.0	38.1

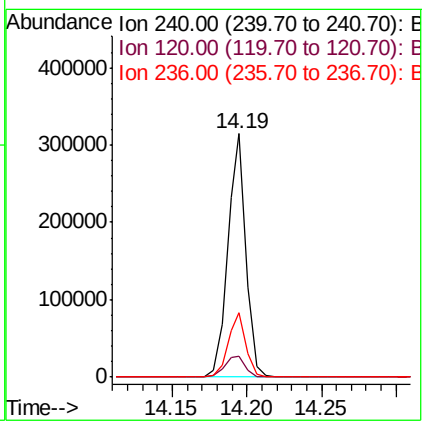


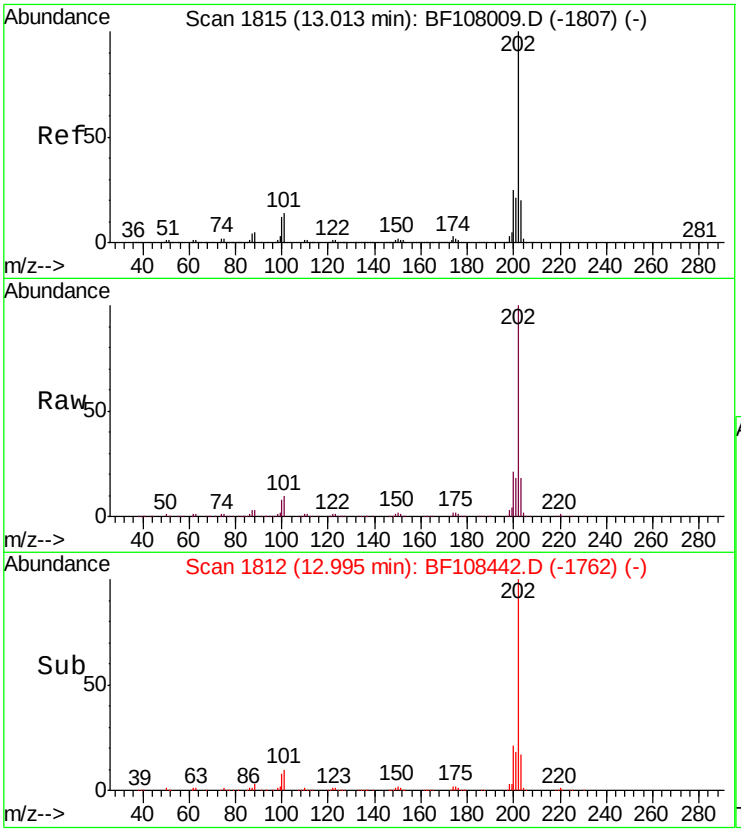


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:240 Resp: 269322

Ion	Ratio	Lower	Upper
240	100		
120	8.6	9.5	14.3#
236	26.2	20.7	31.1



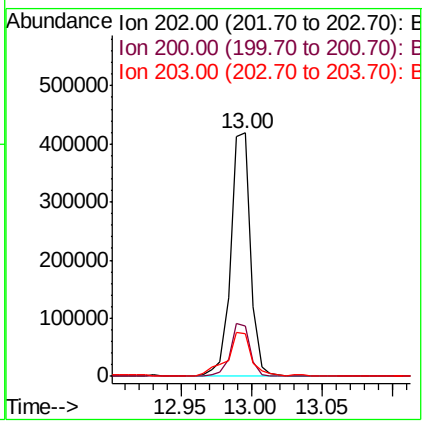


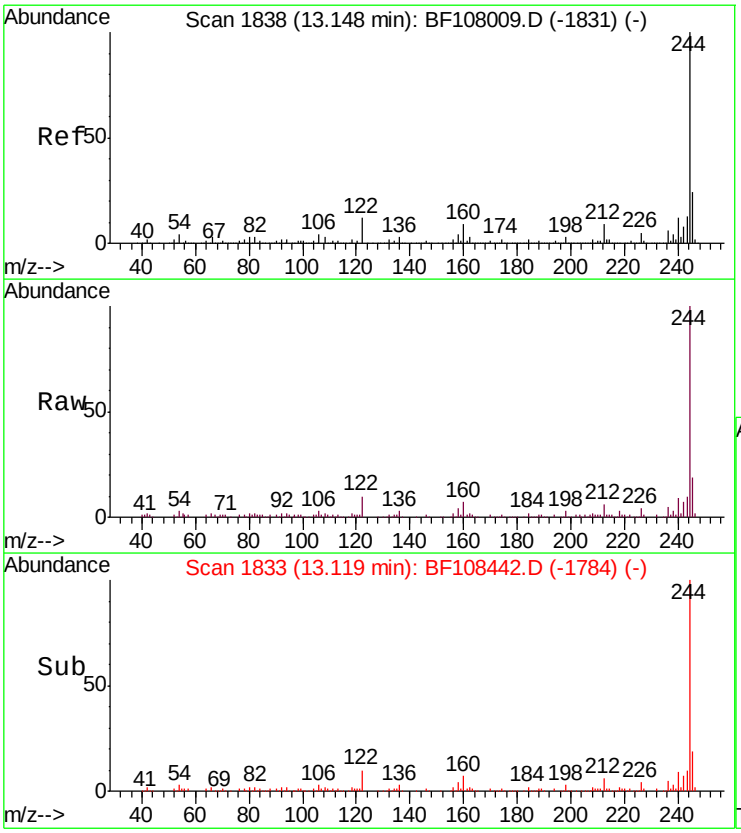
#77
Pyrene
Concen: 23.830 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:202 Resp: 406318

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.7	14.3	21.5

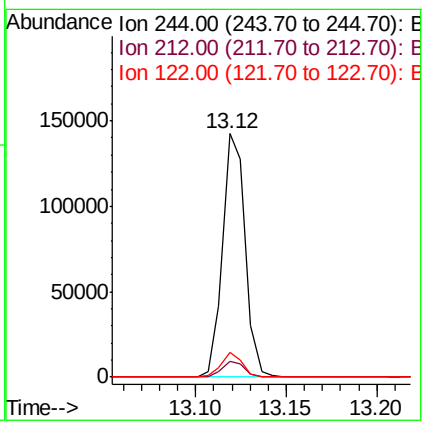


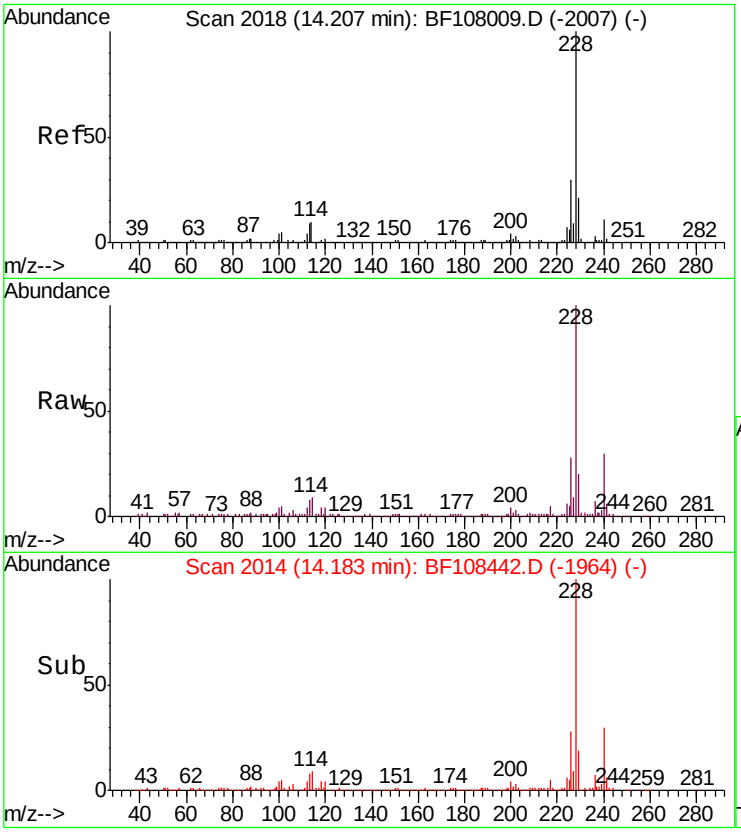


#78
Terphenyl-d14
Concen: 11.680 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:244 Resp: 123719

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	10.3	11.0	16.4#



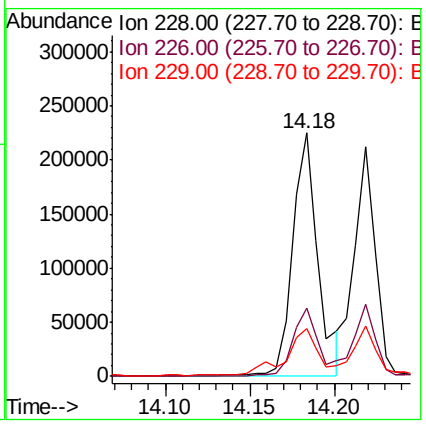


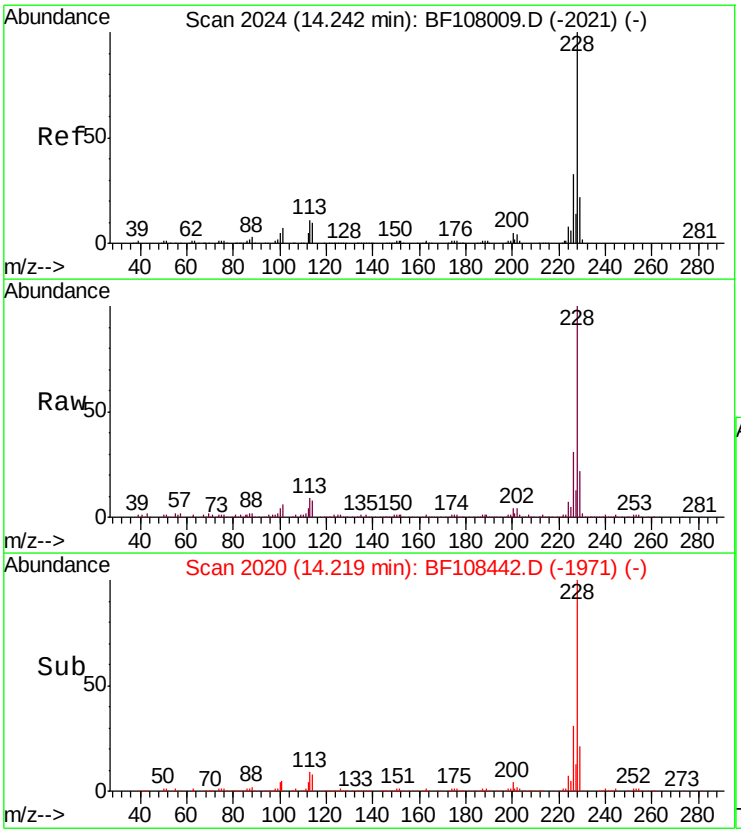
#80
Benzo(a)anthracene
Concen: 15.102 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:228 Resp: 233424

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.8	15.8	23.6

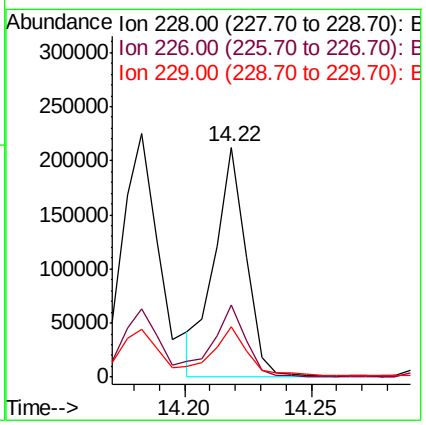


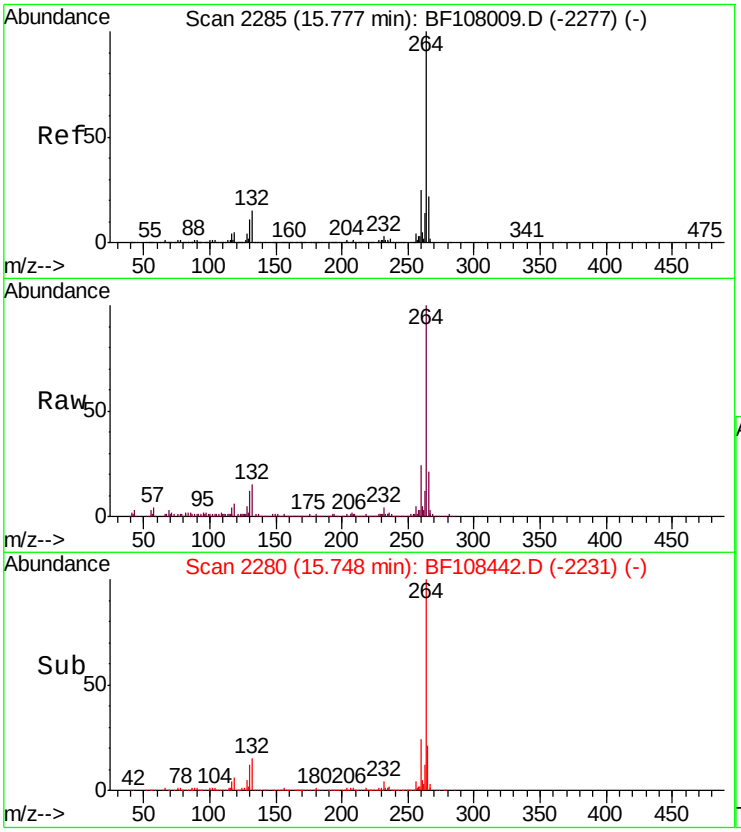


#82
Chrysene
Concen: 12.948 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:228 Resp: 183473

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.7	16.2	24.4



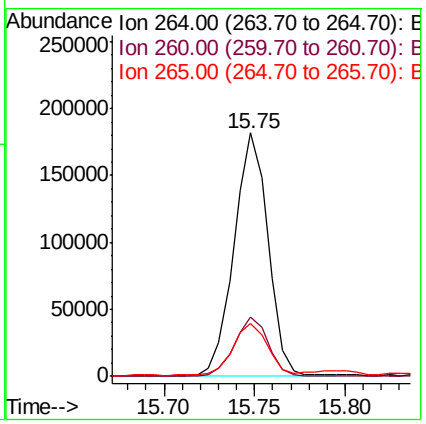


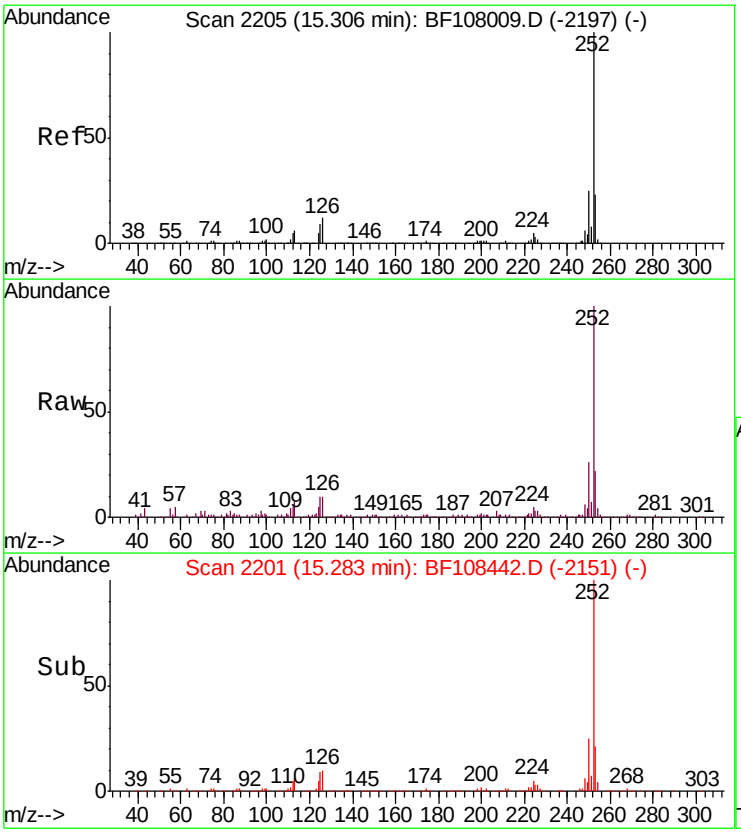
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:264 Resp: 237428

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.5	17.5	26.3

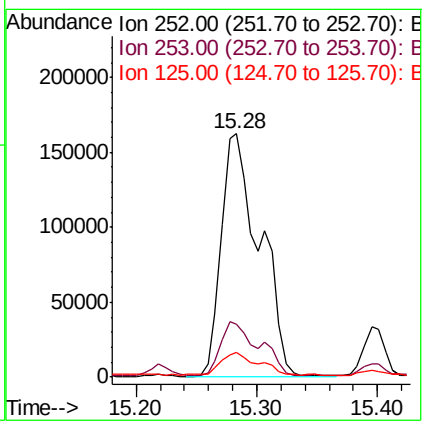


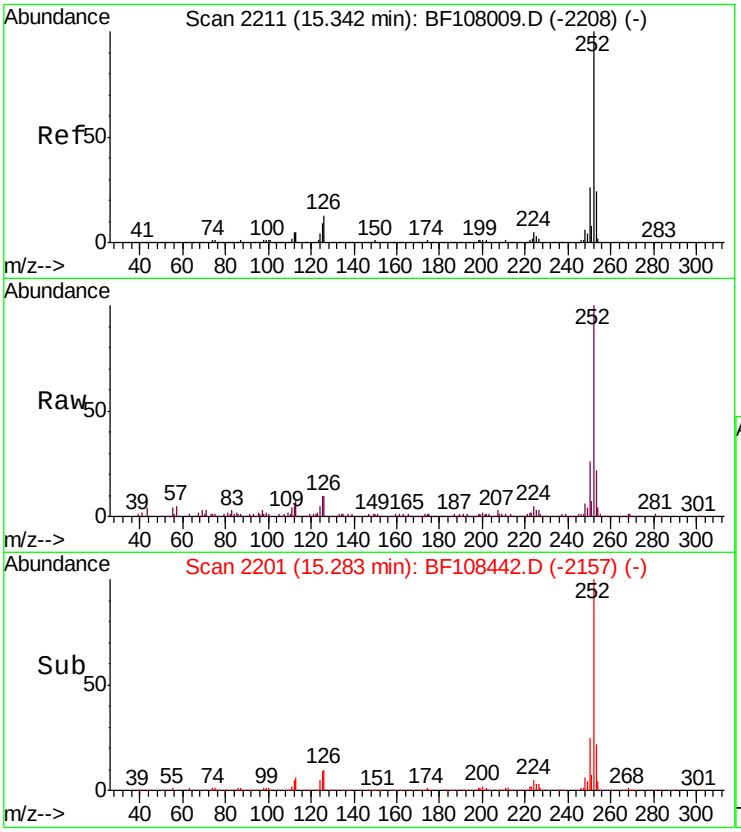


#87
Benzo(b)fluoranthene
Concen: 25.279 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:252 Resp: 358634

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	10.2	9.0	13.6



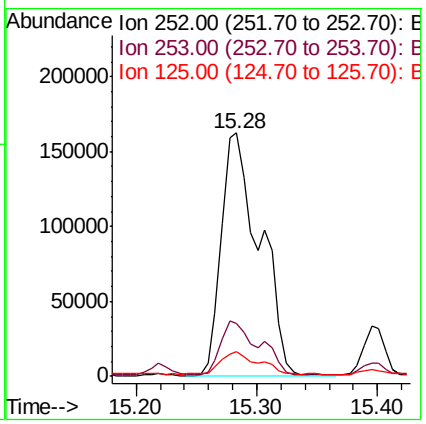


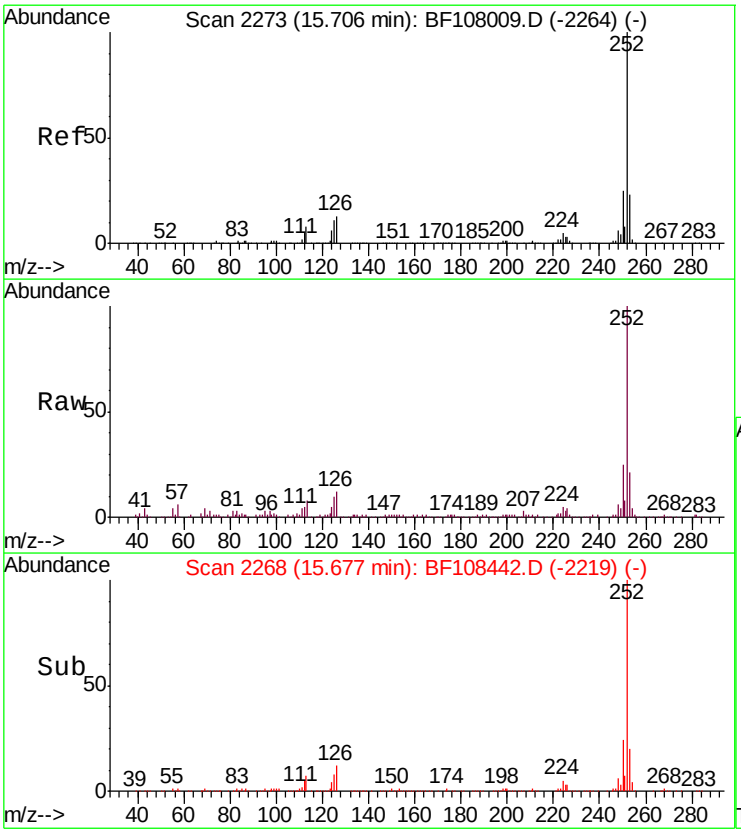
#88
Benzo(k)fluoranthene
Concen: 27.499 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:252 Resp: 358634

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

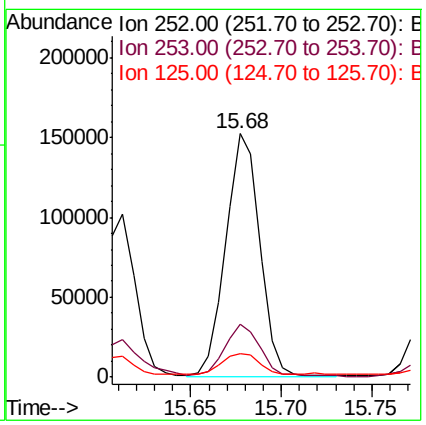


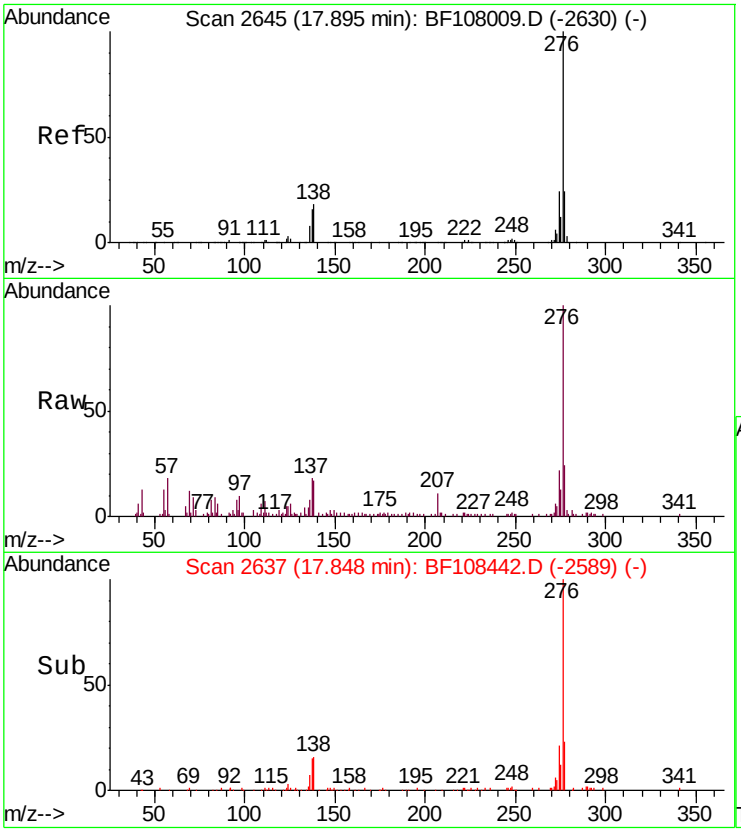


#89
Benzo(a)pyrene
Concen: 15.616 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Tgt Ion:252 Resp: 198392

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	9.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 8.283 ng
RT: 17.85 min Scan# 2637
Delta R.T. -0.02 min
Lab File: BF108442.D
Acq: 24 Aug 2018 1:05

Instrument :
BNA_F
ClientSampleId :
TR-05-082118

Tgt Ion:276 Resp: 85731

Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	17.5	21.8	32.8#