Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108649.D
Acq On : 30 Aug 2018 19:23
Operator : JU/SJ
Sample : J4275-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 31 01:11:37 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	84300	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	388152	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	179883	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	305920	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	260908	20.00	ng	0.00
86) Perylene-d12	15.75	264	275659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	16585	3.42	ng	0.07
7) Phenol-d6	6.67	99	128668	18.51	ng	0.02
23) Nitrobenzene-d5	7.58	82	91710	11.99	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	34427	14.50	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	194744	14.56	ng	0.00
78) Terphenyl-d14	13.12	244	148148	11.03	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	11282	2.424	ng	# 82
25) Isophorone	7.58	82	91710	7.220	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	21976	7.038	ng	# 24
55) 4-Nitrophenol	10.26	139	109	4.807	ng	# 9
56) 2,4-Dinitrotoluene	10.04	165	21976	5.316	ng	# 21
85) Indeno(1,2,3-cd)pyrene	17.37	276	27436	2.580	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	77183	4.558	ng	# 77
88) Benzo(k)fluoranthene	15.28	252	77183	4.601	ng	# 80
89) Benzo(a)pyrene	15.68	252	40433	2.642	ng	# 89

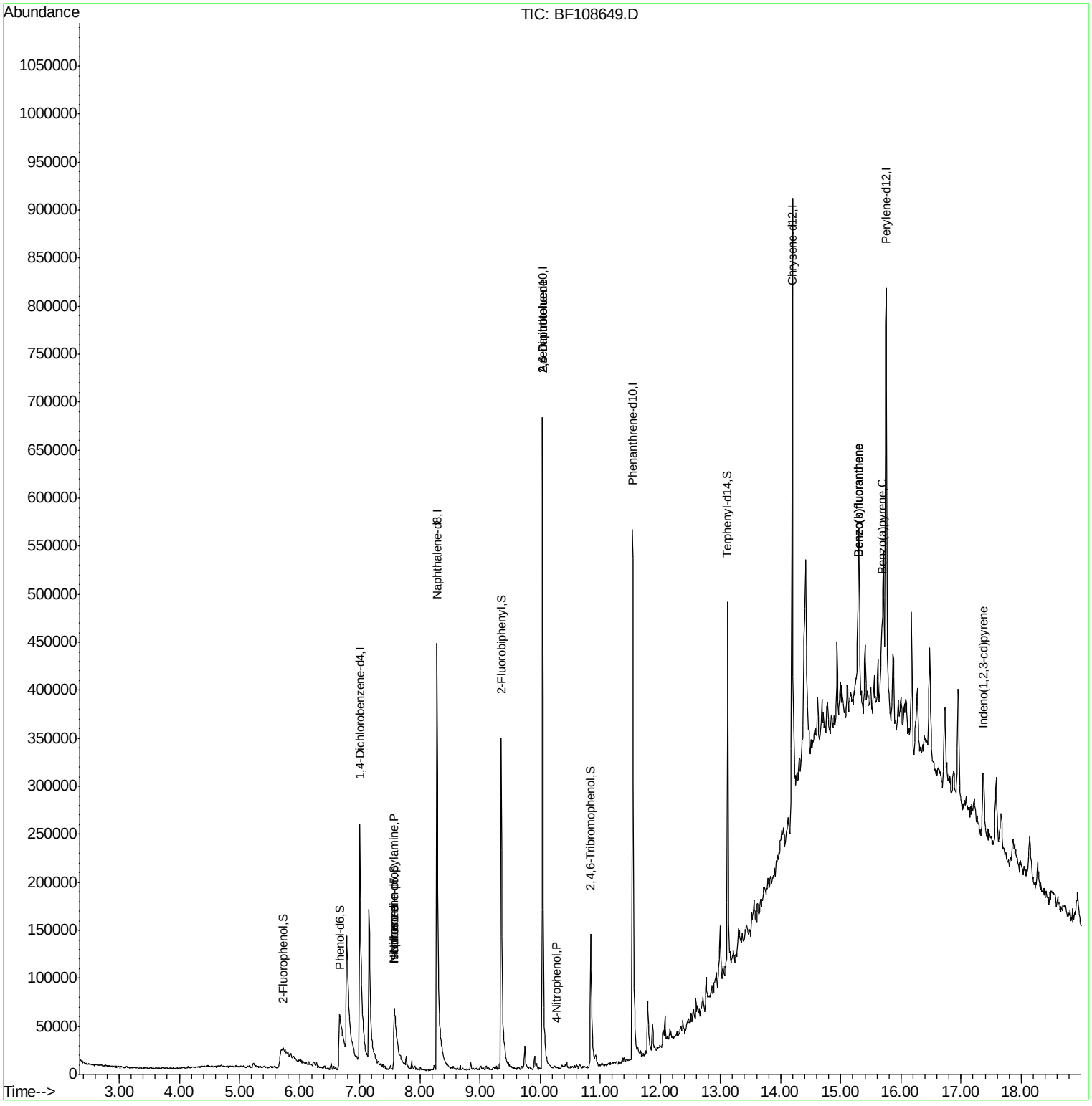
(#) = qualifier out of range (m) = manual integration (+) = signals summed

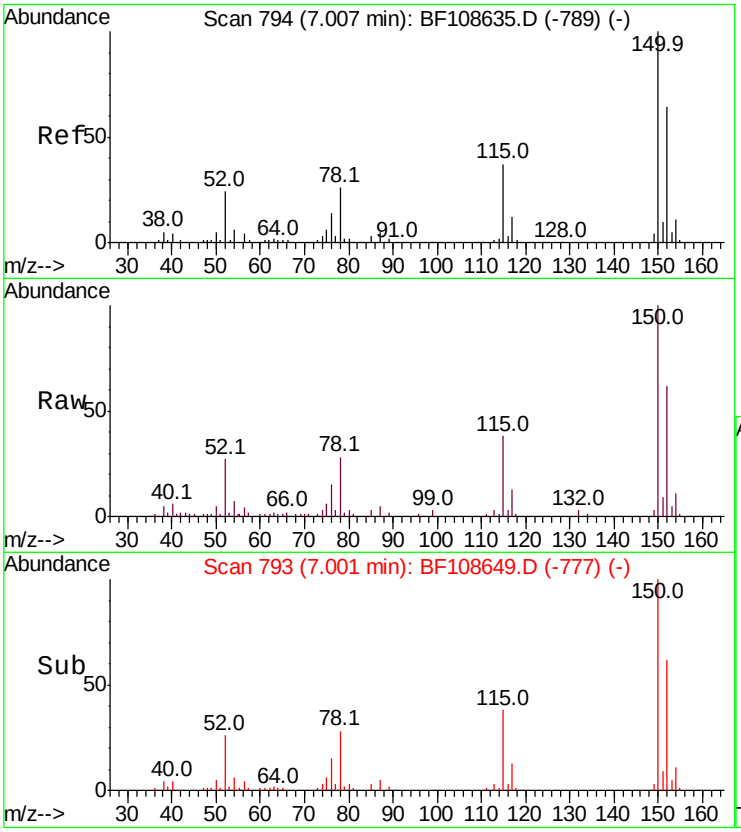
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108649.D
Acq On : 30 Aug 2018 19:23
Operator : JU/SJ
Sample : J4275-19 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 31 01:11:37 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



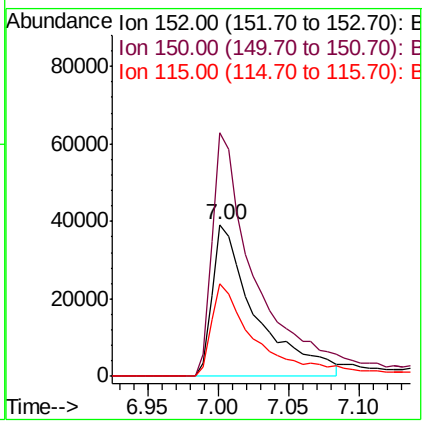


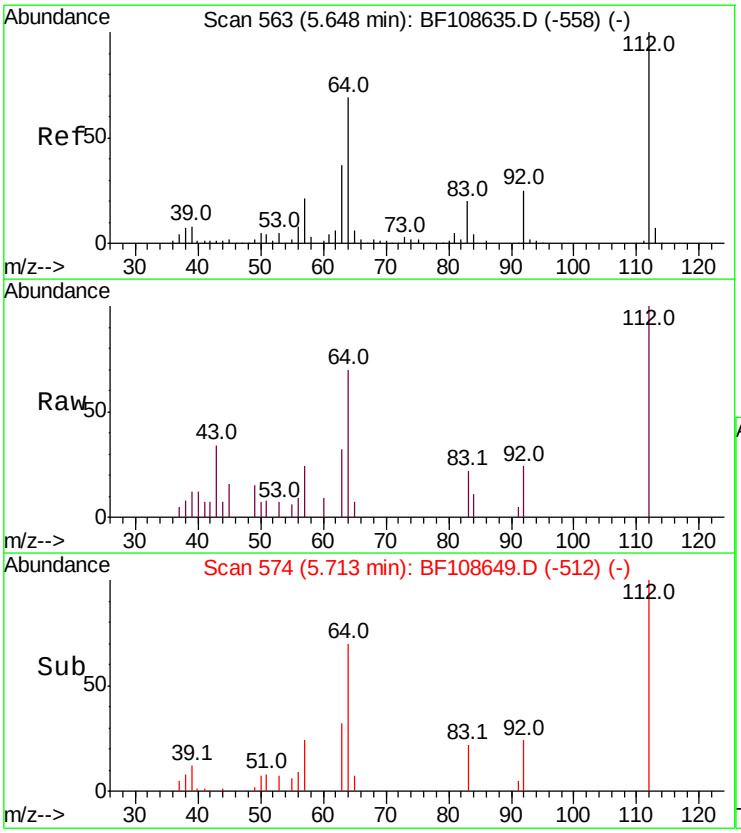
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 84300

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	60.8	50.1	75.1

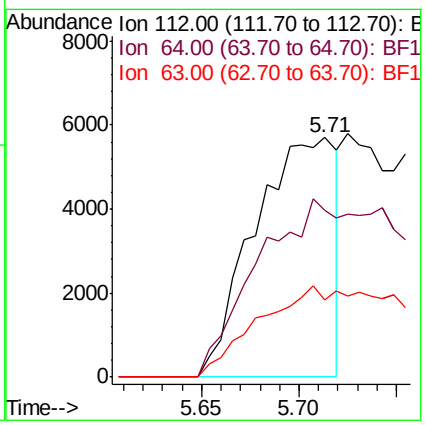


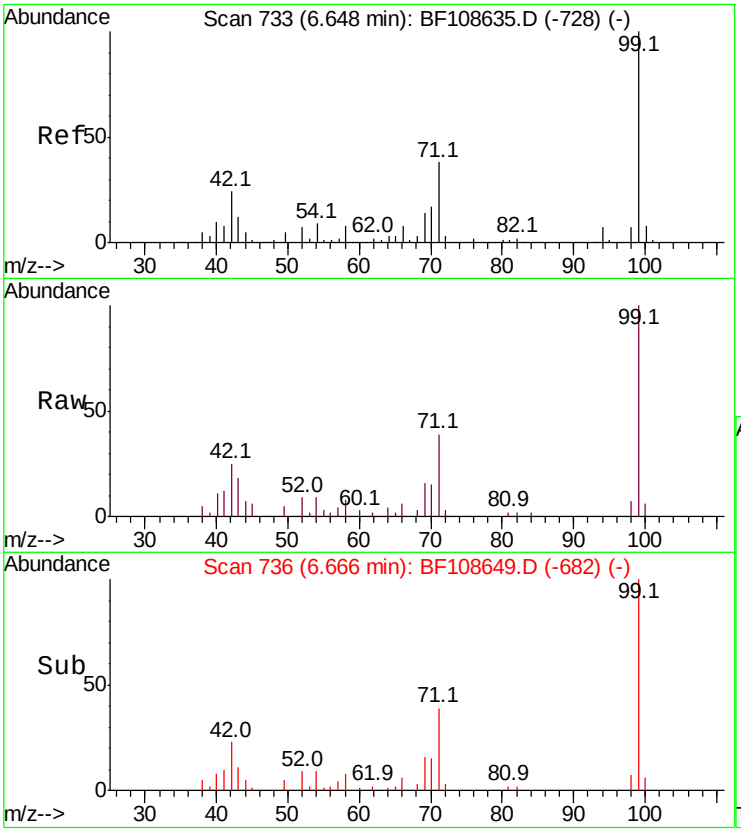


#5
2-Fluorophenol
Concen: 3.418 ng
RT: 5.71 min Scan# 574
Delta R.T. 0.07 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:112 Resp: 16585

Ion	Ratio	Lower	Upper
112	100		
64	69.9	47.9	71.9
63	32.5	23.7	35.5



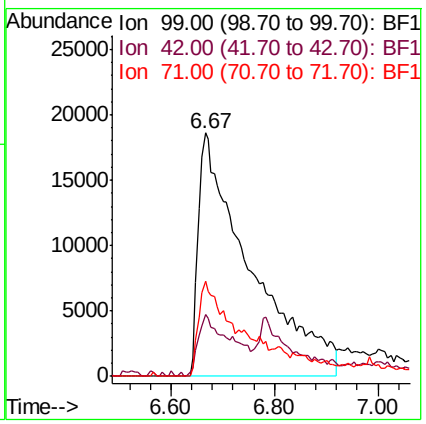


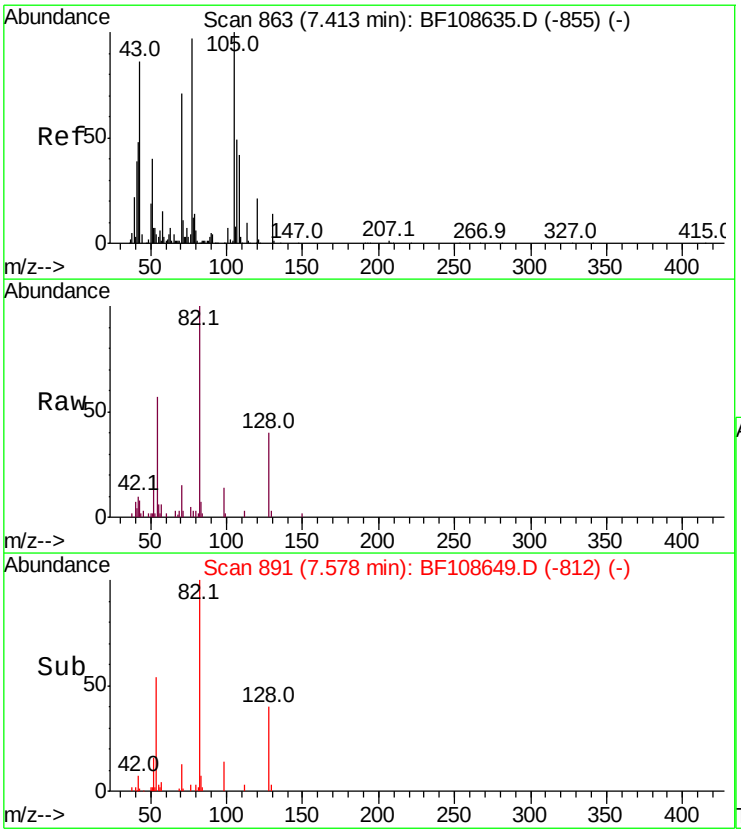
#7
Phenol-d6
Concen: 18.513 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 128668

Ion	Ratio	Lower	Upper
99	100		
42	25.2	14.5	21.7#
71	39.3	25.4	38.0#

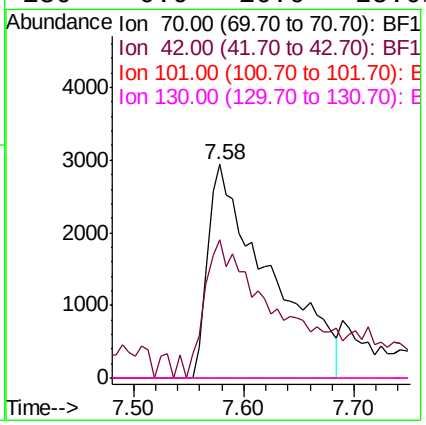


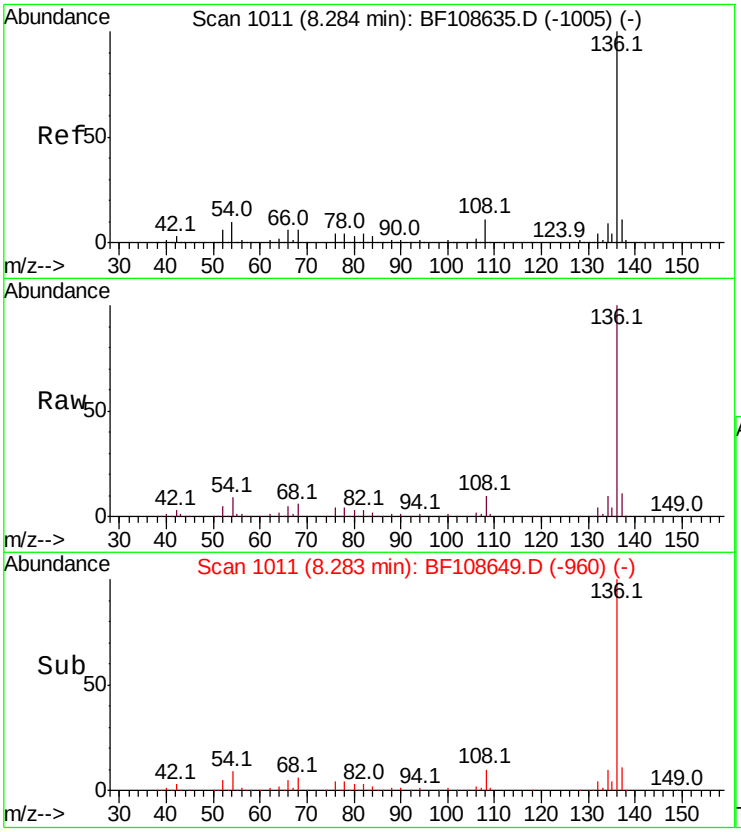


#19
n-Nitroso-di-n-propylamine
Concen: 2.424 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.16 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion: 70 Resp: 11282

Ion	Ratio	Lower	Upper
70	100		
42	65.0	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



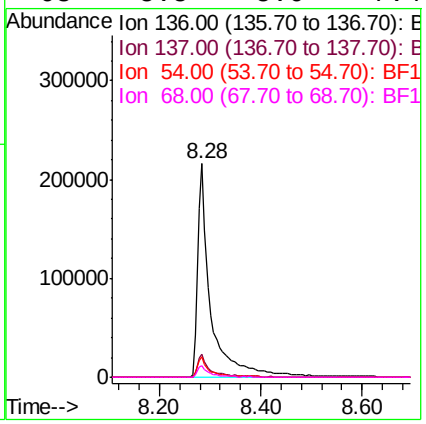


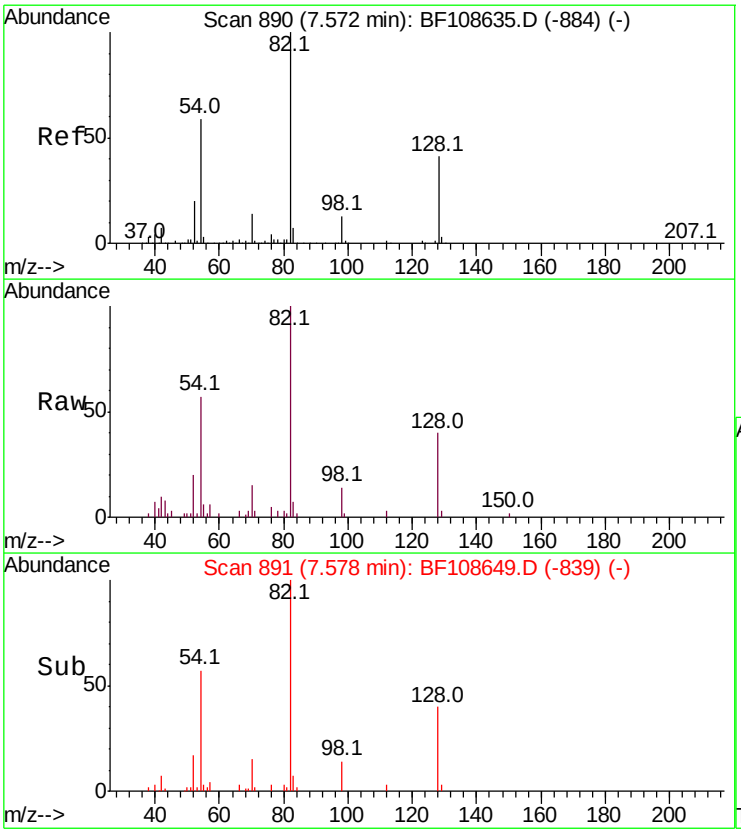
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 388152

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	5.5	5.0	7.4

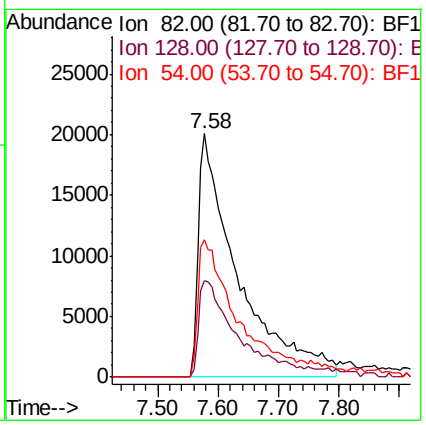


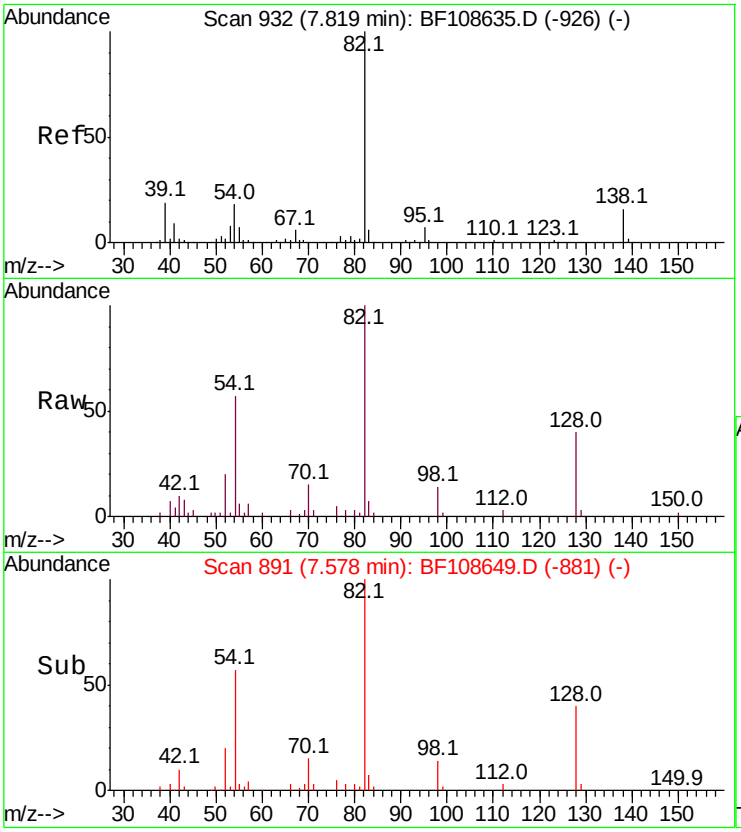


#23
Nitrobenzene-d5
Concen: 11.993 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion: 82 Resp: 91710

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	56.6	41.4	62.2



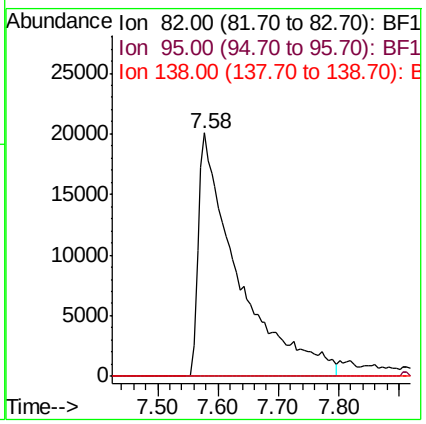


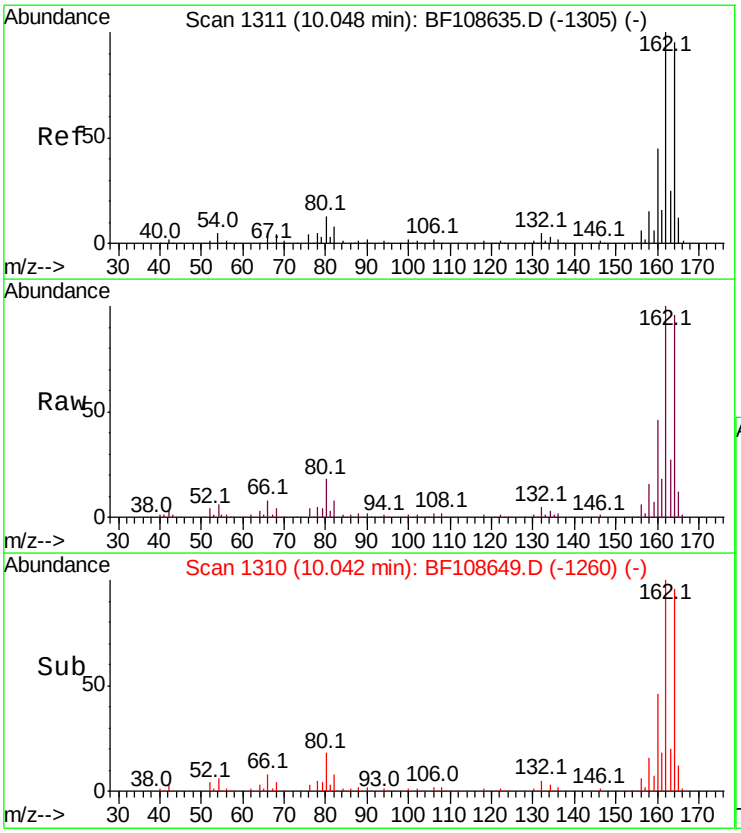
#25
Isophorone
Concen: 7.220 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.24 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 91710

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

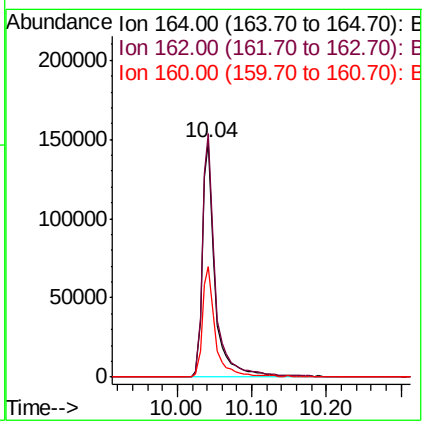


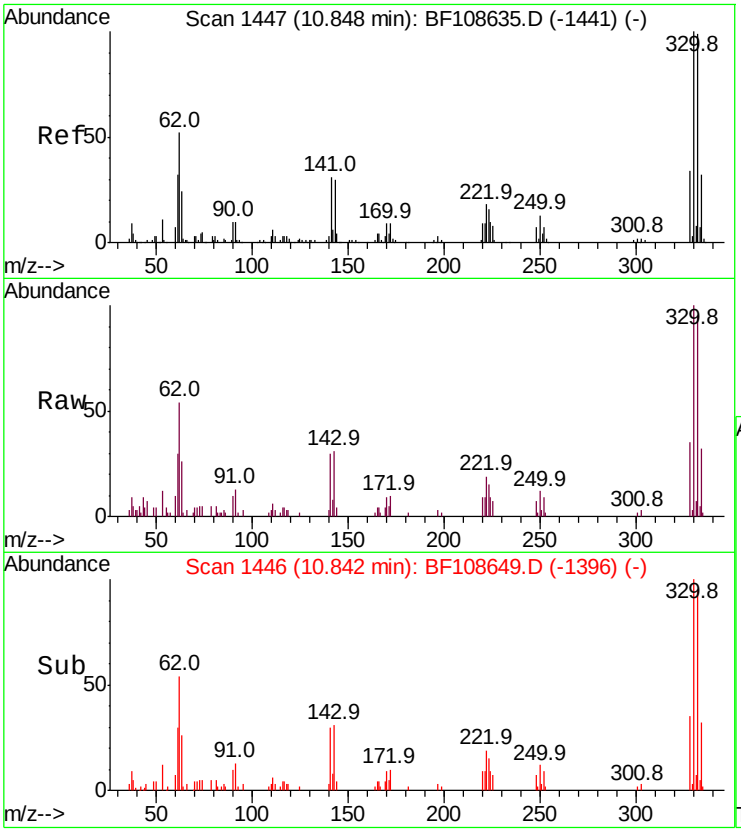


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:164 Resp: 179883

Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	47.3	38.3	57.5



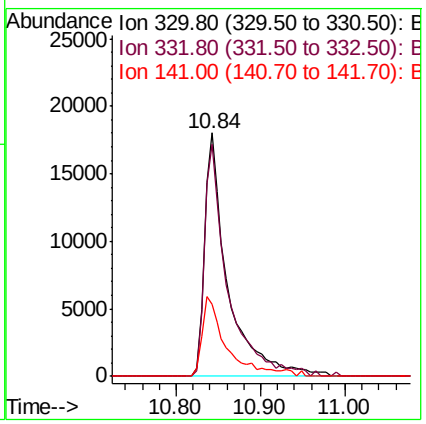


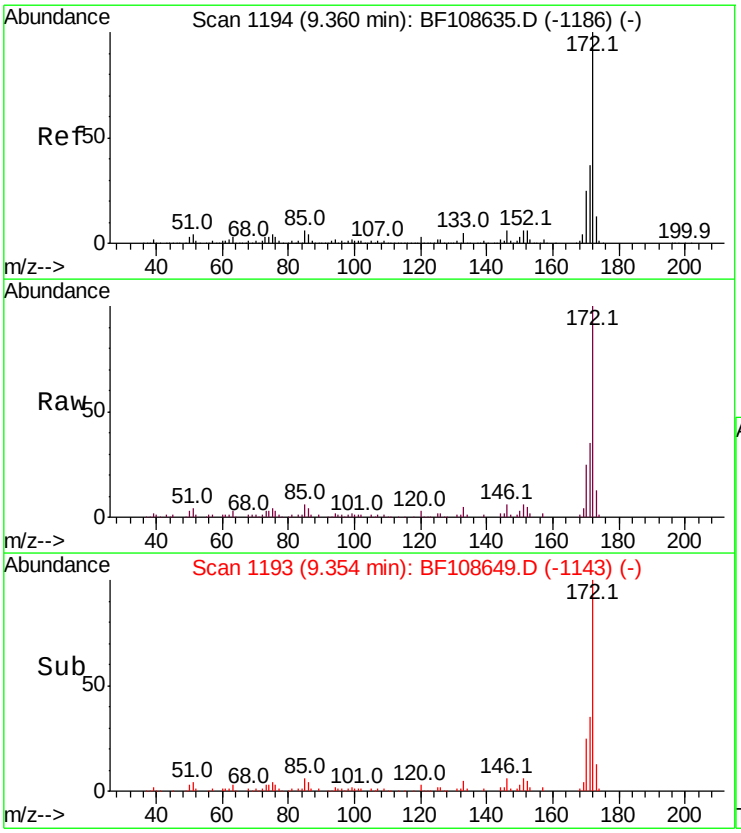
#41
2,4,6-Tribromophenol
Concen: 14.498 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 34427

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	34.7	29.9	44.9

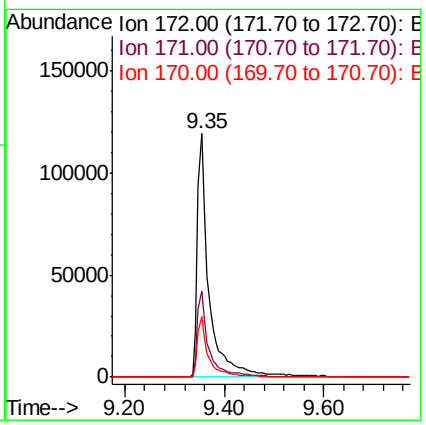


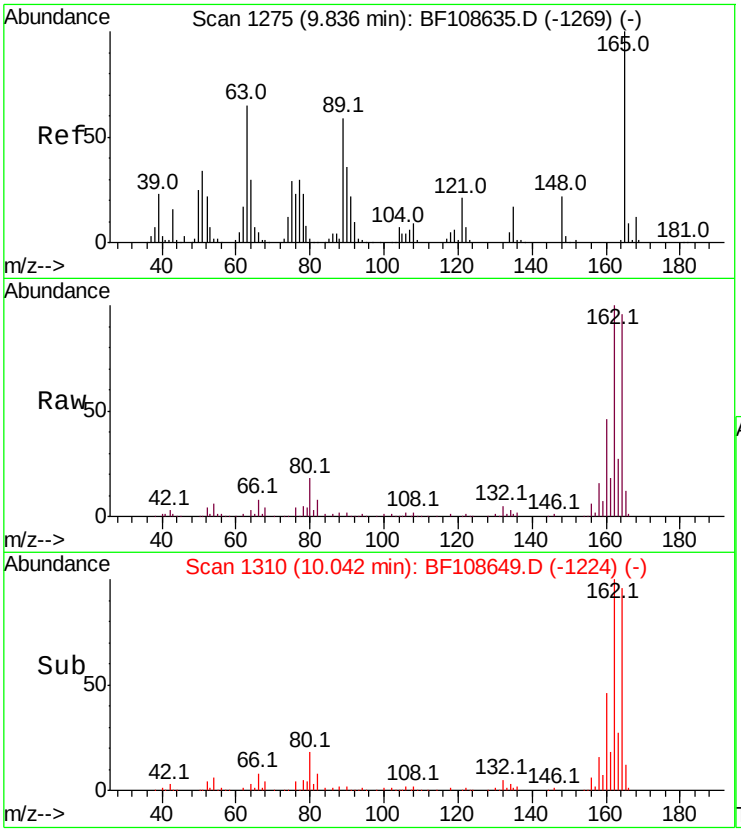


#44
2-Fluorobiphenyl
Concen: 14.557 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:172 Resp: 194744

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.8	19.6	29.4



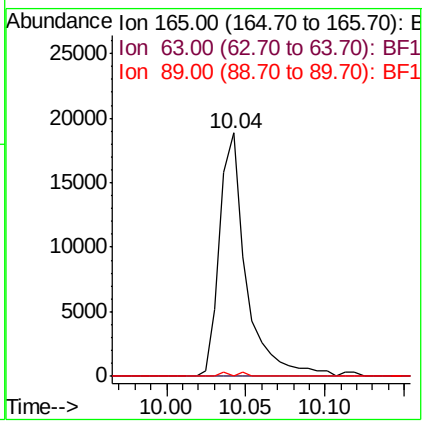


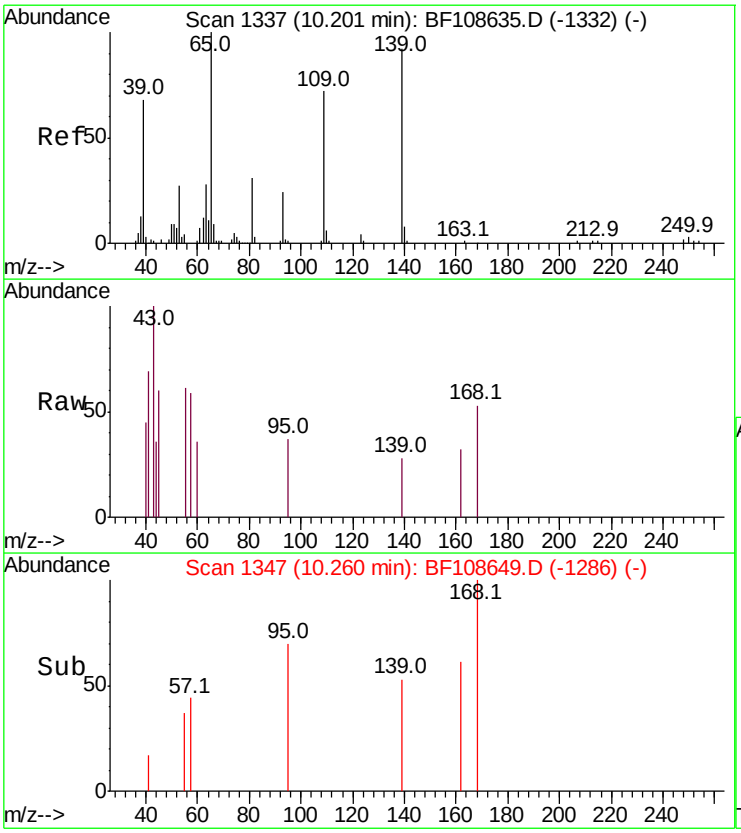
#50
2,6-Dinitrotoluene
Concen: 7.038 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21976

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

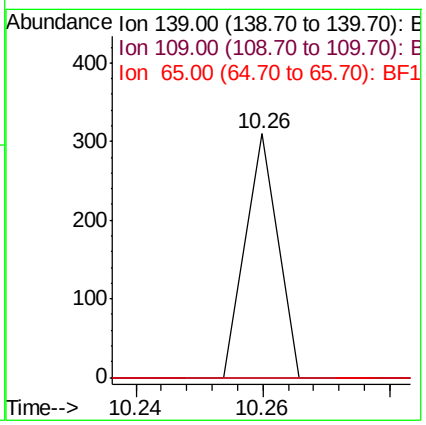


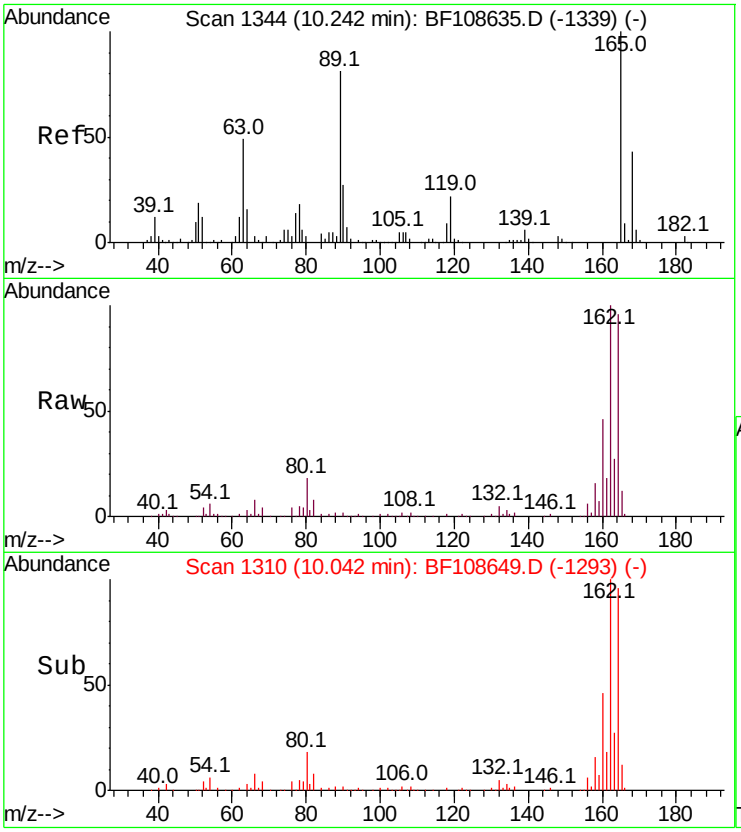


#55
4-Nitrophenol
Concen: 4.807 ng
RT: 10.26 min Scan# 1347
Delta R.T. 0.06 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:139 Resp: 109

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



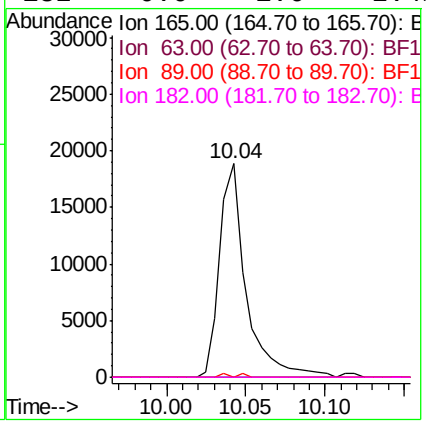


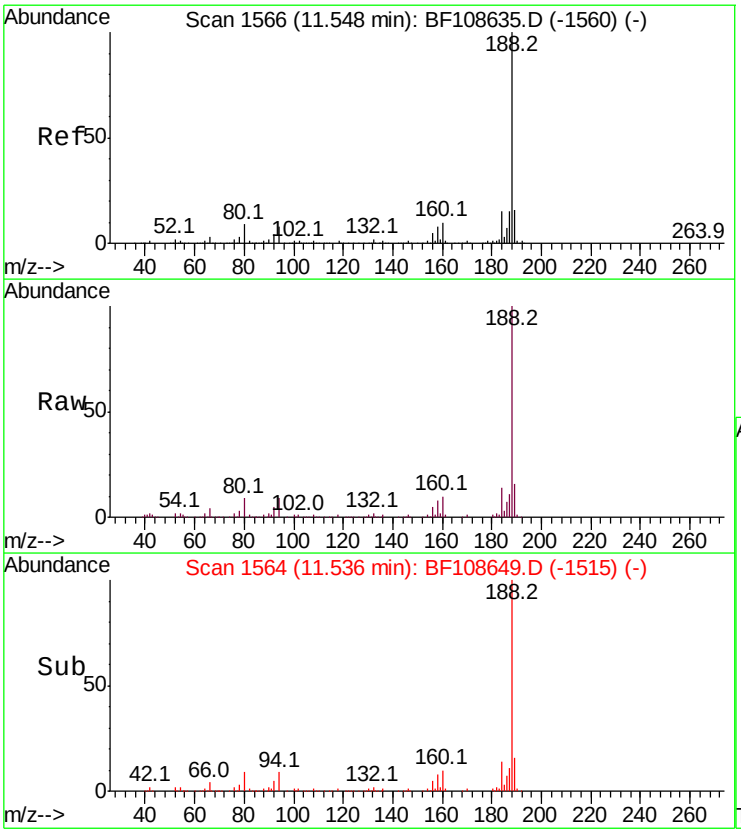
#56
2,4-Dinitrotoluene
Concen: 5.316 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21976

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

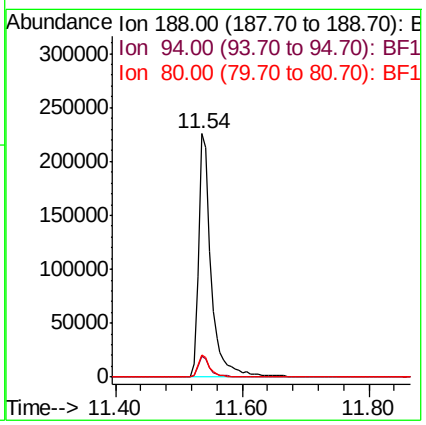


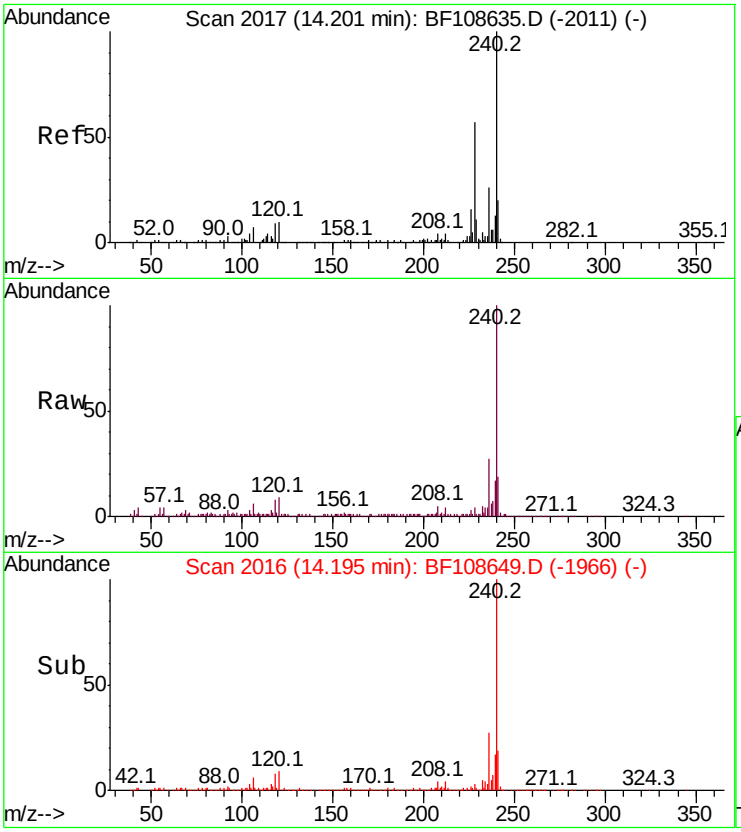


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:188 Resp: 305920

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.1	9.2	13.8#



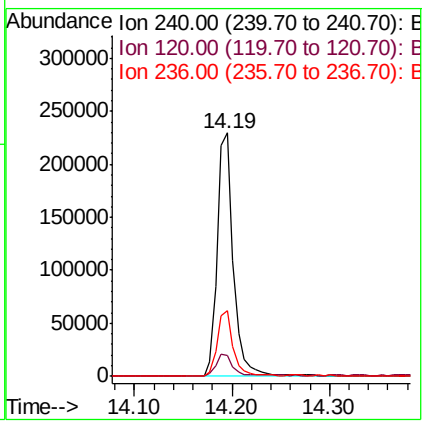


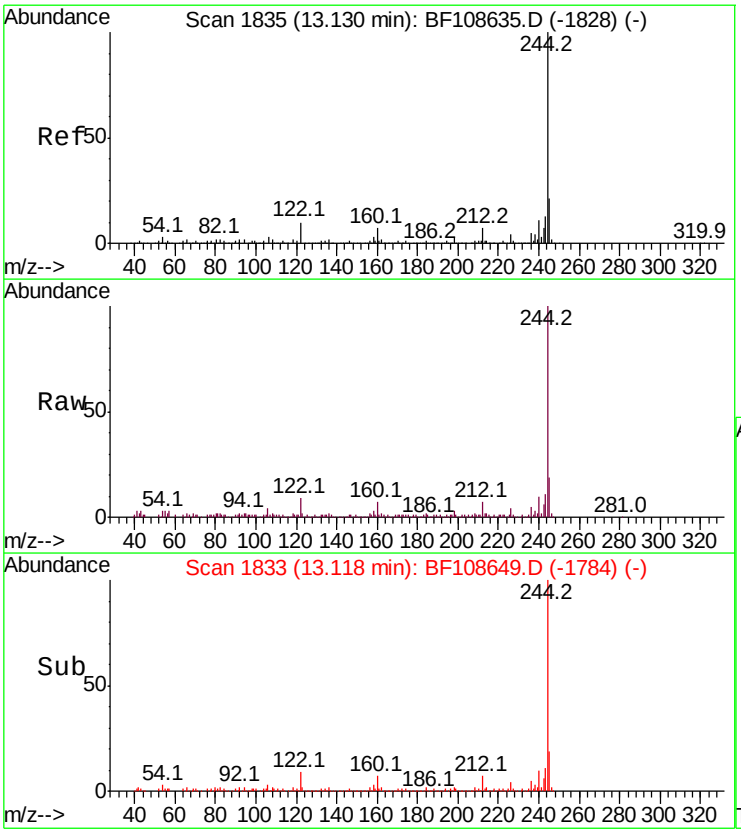
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 260908

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.9	20.7	31.1

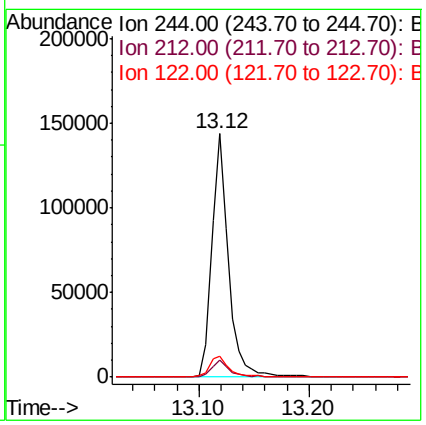


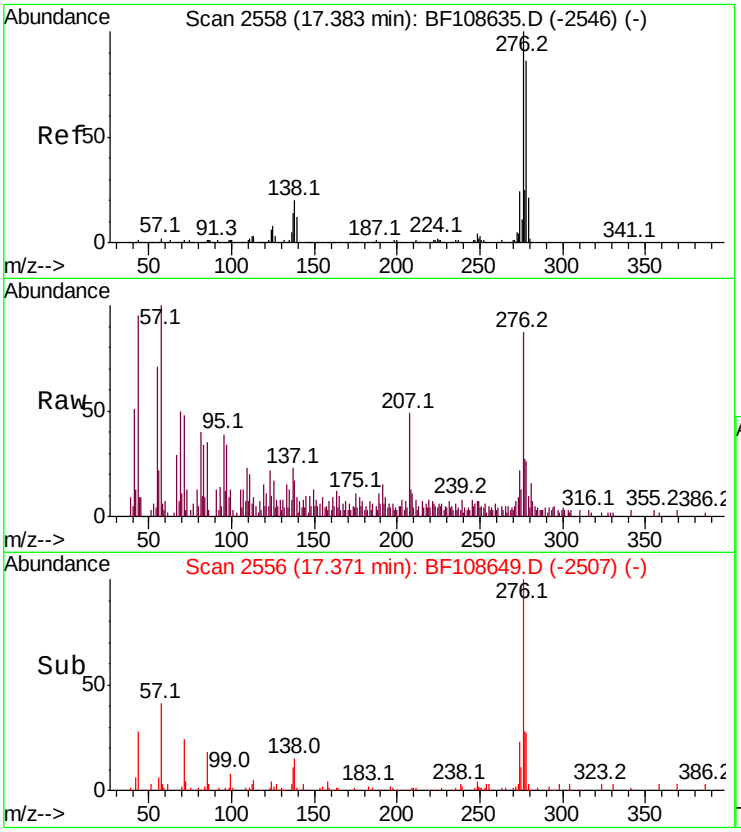


#78
Terphenyl-d14
Concen: 11.032 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:244 Resp: 148148

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.7	11.0	16.4#



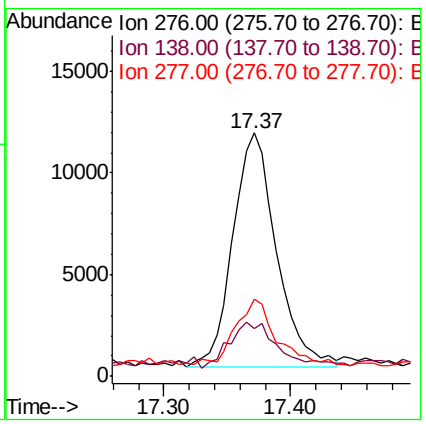


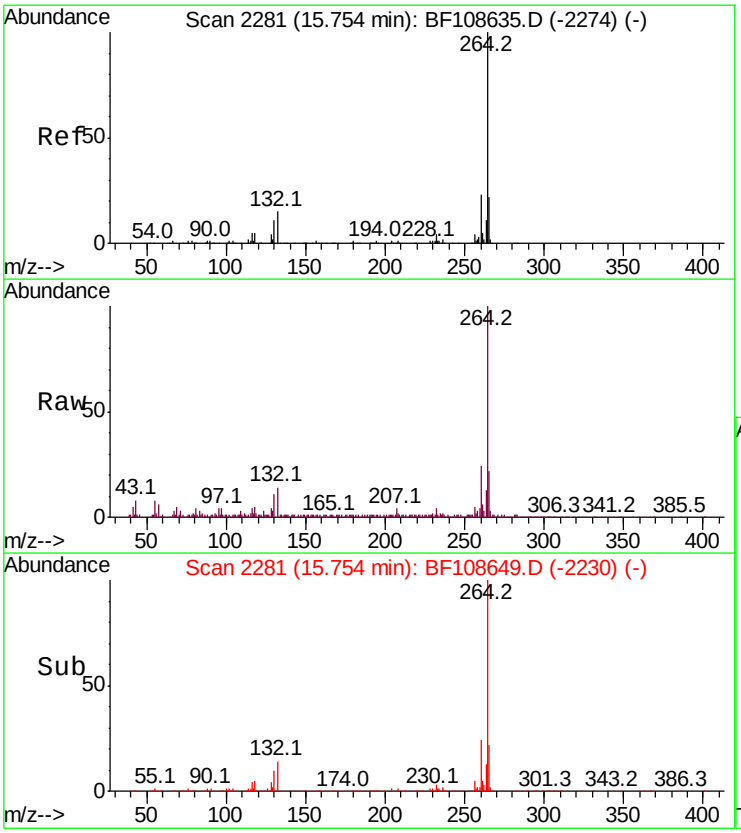
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.580 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 27436

Ion	Ratio	Lower	Upper
276	100		
138	23.3	25.0	37.6#
277	27.6	20.1	30.1

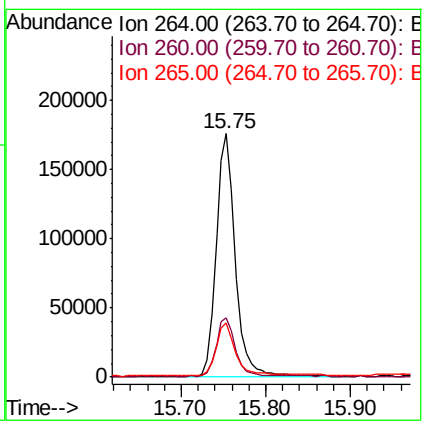


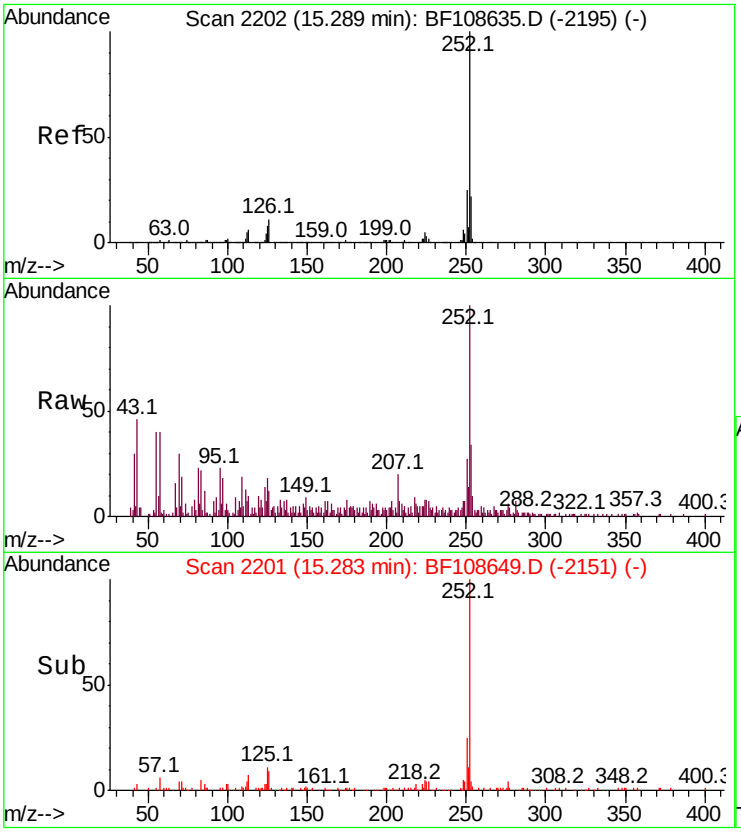


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:264 Resp: 275659

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.5	26.3



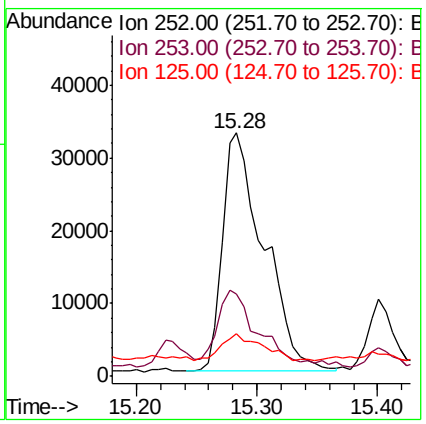


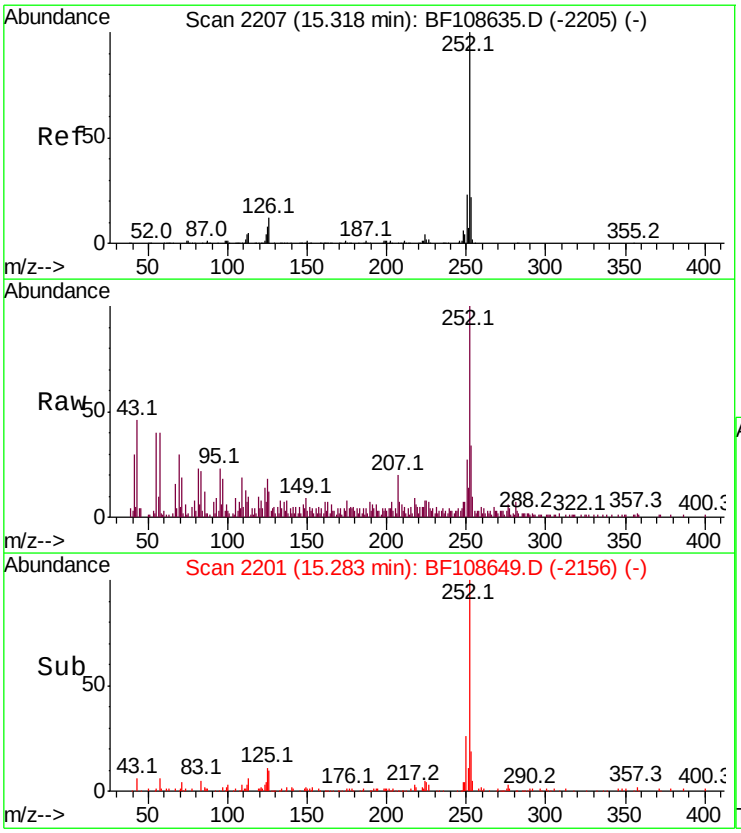
#87
Benzo(b)fluoranthene
Concen: 4.558 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 77183

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.0	25.6#
125	17.8	9.0	13.6#

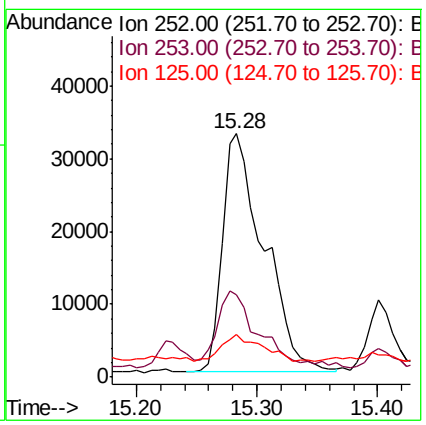


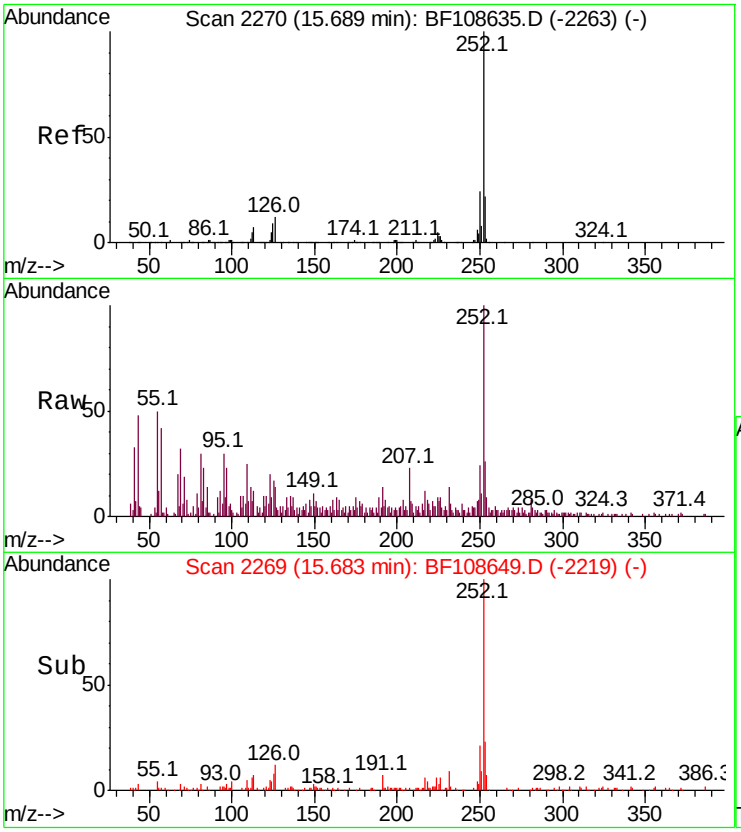


#88
Benzo(k)fluoranthene
Concen: 4.601 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.04 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Tgt Ion:252 Resp: 77183

Ion	Ratio	Lower	Upper
252	100		
253	33.7	17.9	26.9#
125	17.8	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.642 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108649.D
Acq: 30 Aug 2018 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 40433

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	16.5	9.8	14.6#