Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108455.D
Acq On : 24 Aug 2018 7:46
Operator : JU/SJ
Sample : J4582-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082018-DBRI-E-U-S

Quant Time: Aug 24 08:27:00 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	134531	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	495472	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	223844	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	366095	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	278977	20.00	ng	-0.01
86) Perylene-d12	15.74	264	240347	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	351702	47.33	ng	0.00
7) Phenol-d6	6.61	99	297777	30.16	ng	-0.02
23) Nitrobenzene-d5	7.57	82	894608	100.75	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	184171	82.48	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1577765	113.16	ng	0.00
78) Terphenyl-d14	13.12	244	1126069	102.63	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	15551	2.031	ng	# 76
19) n-Nitroso-di-n-propylamine	7.57	70	121439	18.186	ng	# 82
25) Isophorone	7.57	82	894600	52.860	ng	# 64
49) Dimethylphthalate	9.75	163	63405	4.066	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	28544	8.750	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	28544	6.798	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	178	5.474	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12084	3.037	ng	# 1

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

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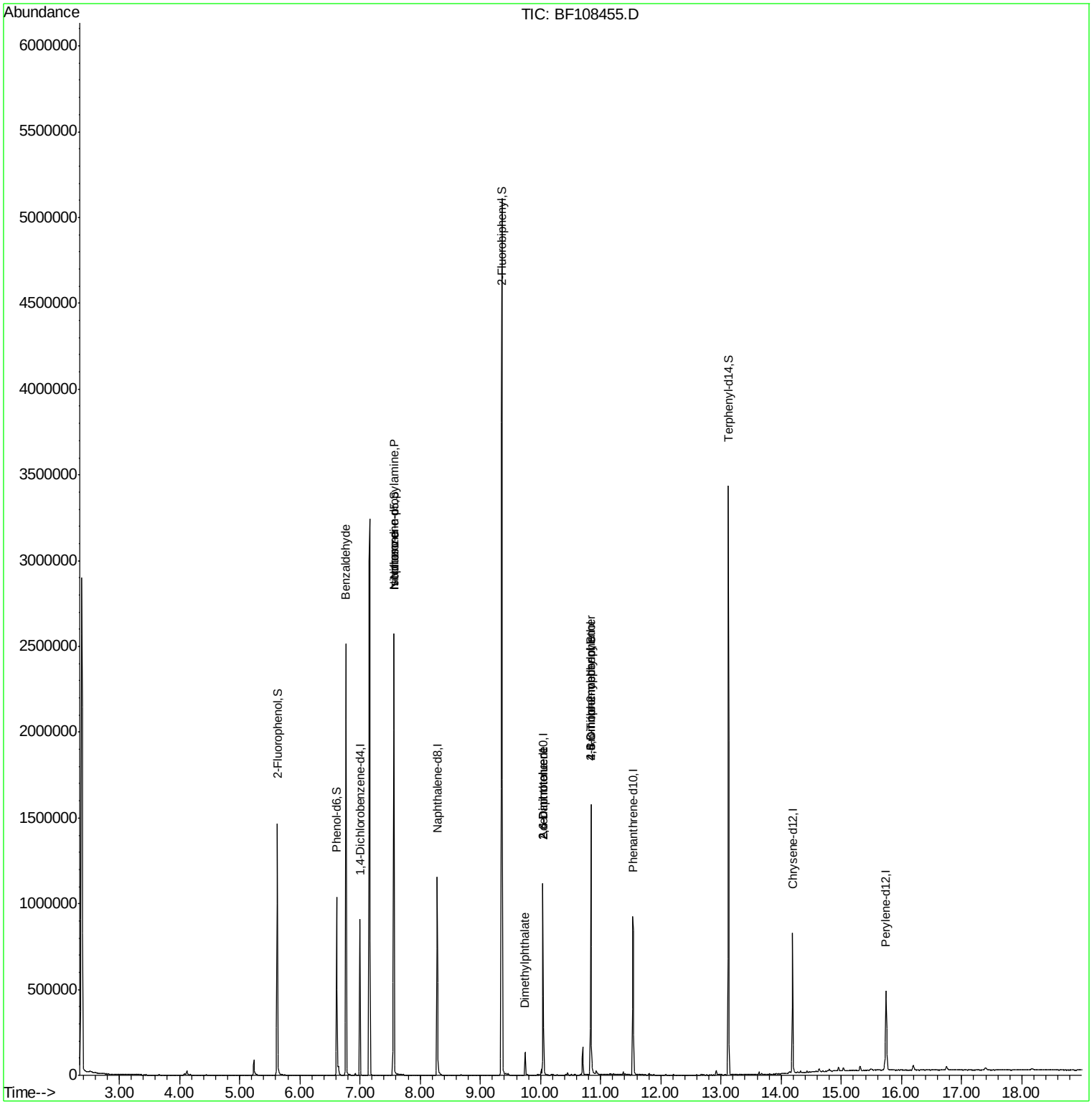
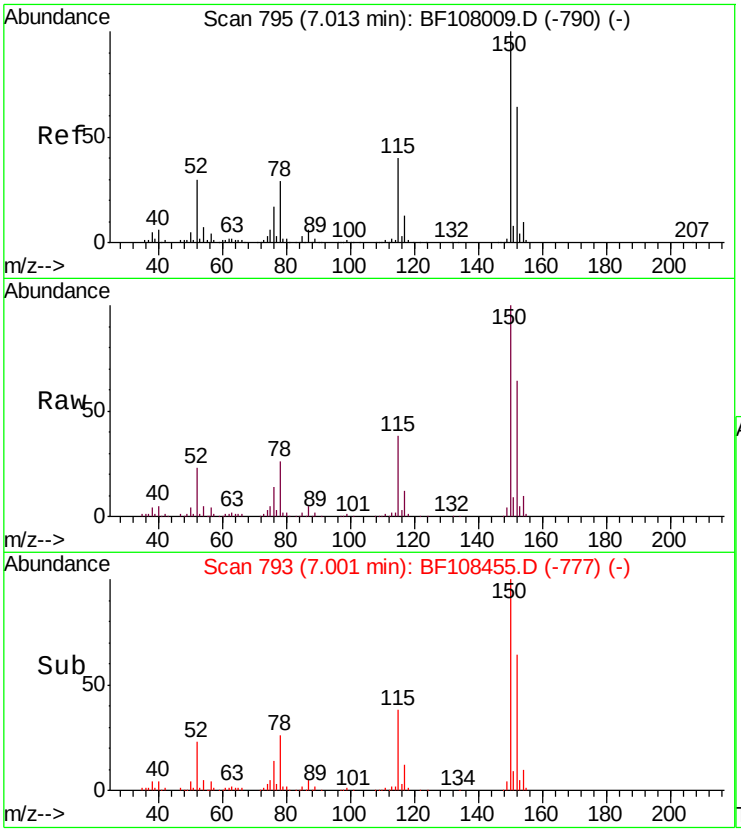


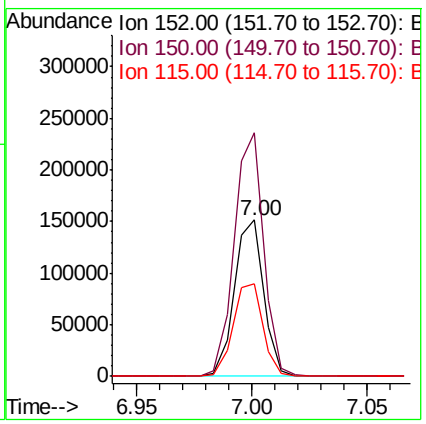


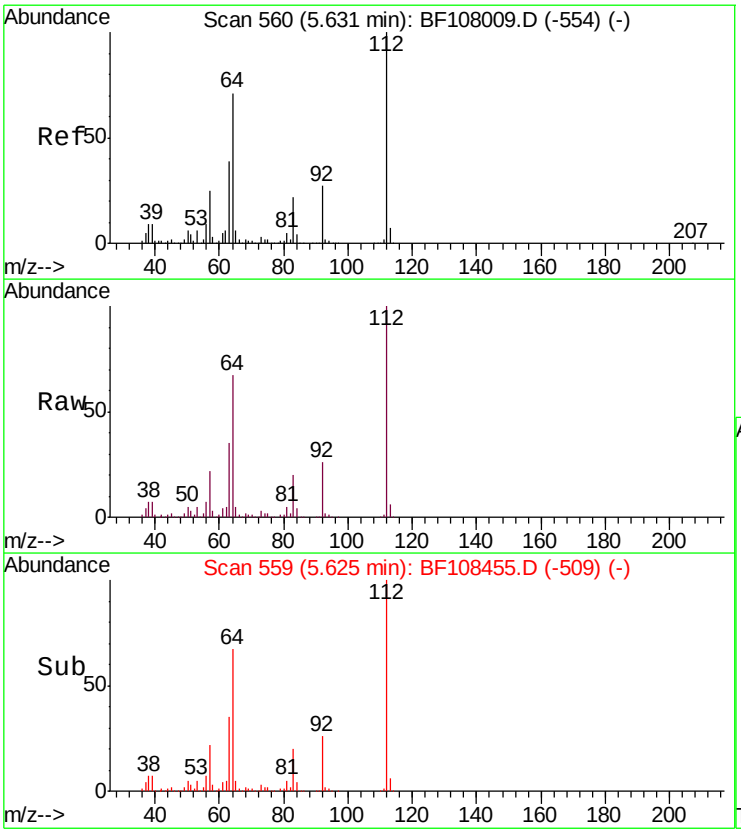
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:152 Resp: 134531

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	58.9	50.1	75.1

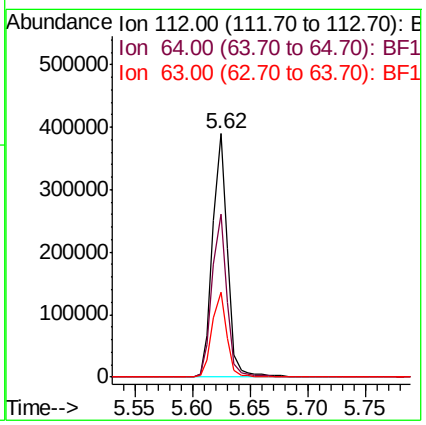


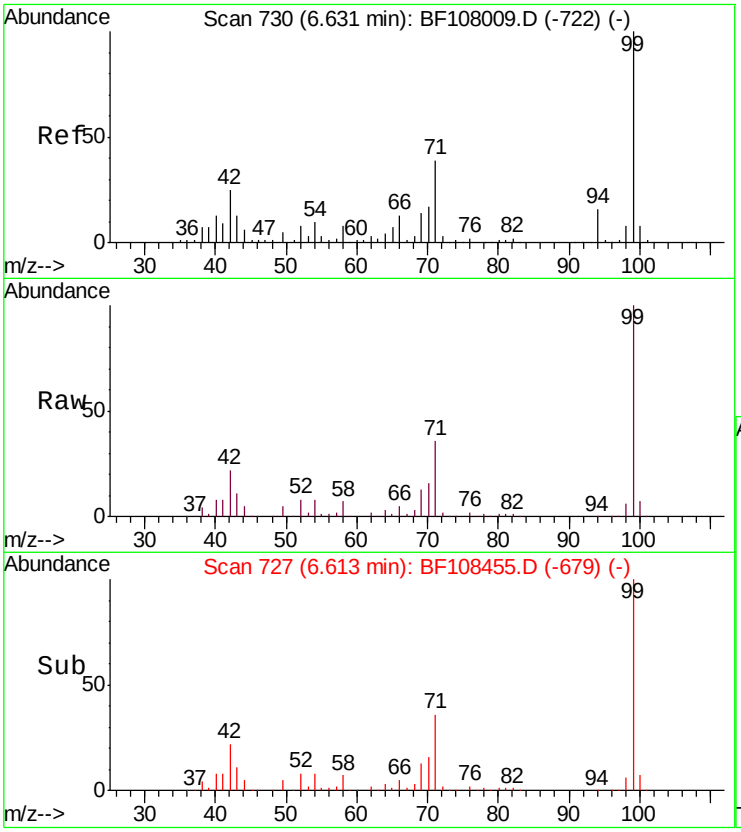


#5
2-Fluorophenol
Concen: 47.330 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:112 Resp: 351702

Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	35.0	23.7	35.5



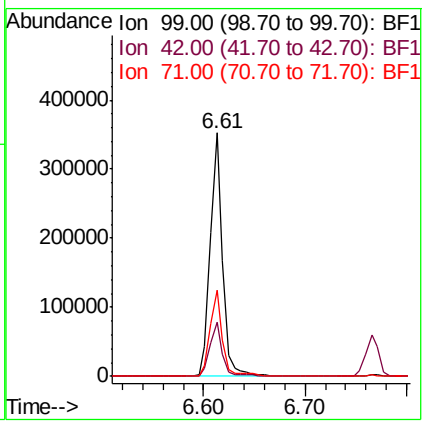


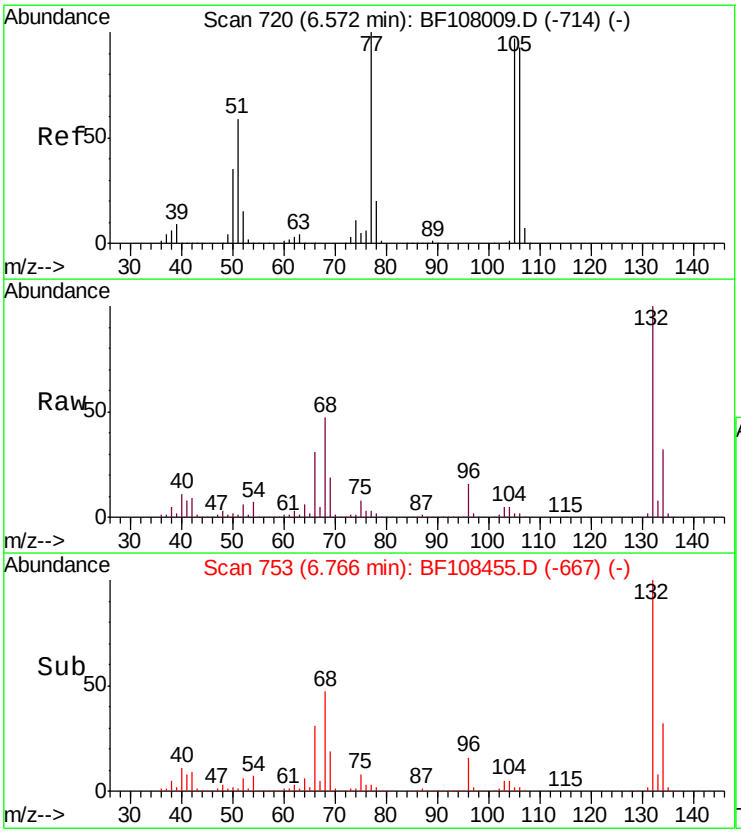
#7
Phenol-d6
Concen: 30.156 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion: 99 Resp: 297777

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	35.6	25.4	38.0

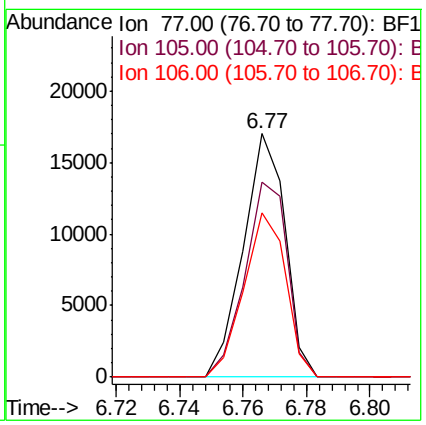


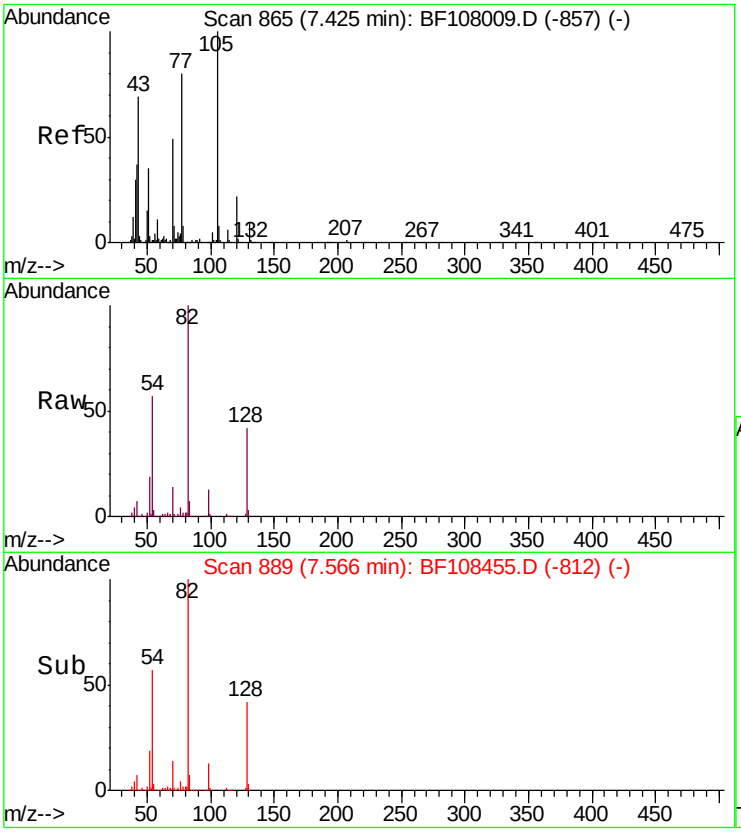


#9
Benzaldehyde
Concen: 2.031 ng
RT: 6.77 min Scan# 753
Delta R.T. 0.21 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion: 77 Resp: 15551

Ion	Ratio	Lower	Upper
77	100		
105	80.2	81.1	121.1#
106	67.2	74.5	114.5#



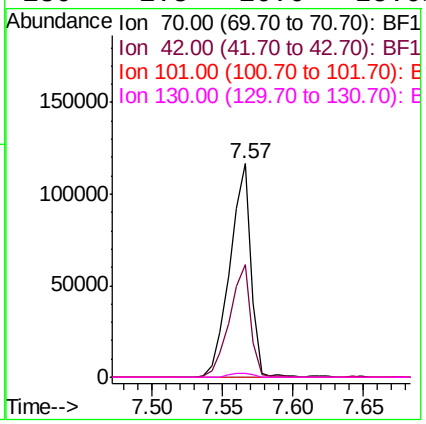


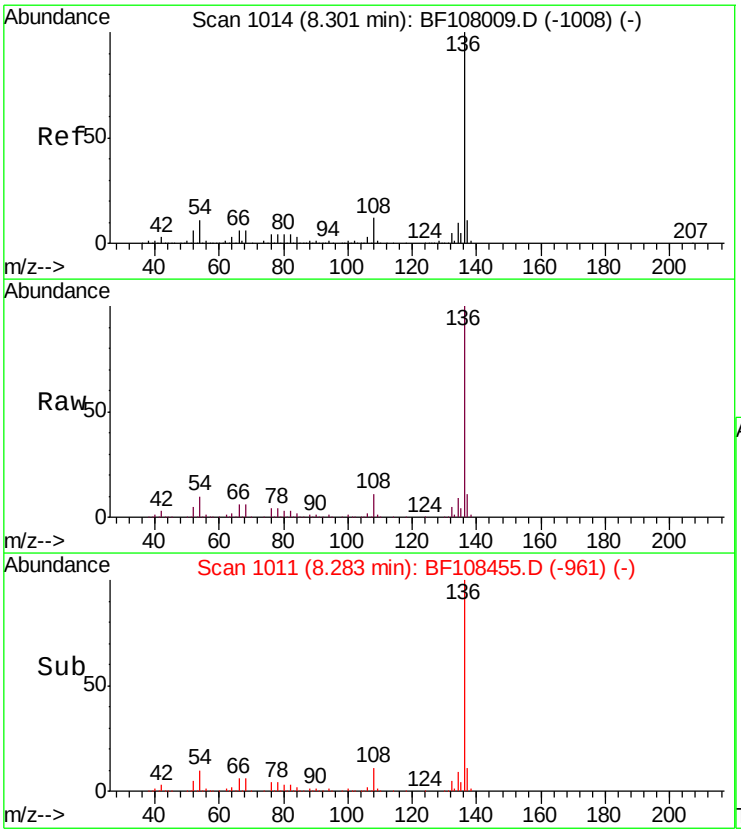
#19
n-Nitroso-di-n-propylamine
Concen: 18.186 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion: 70 Resp: 121439

Ion	Ratio	Lower	Upper
70	100		
42	53.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

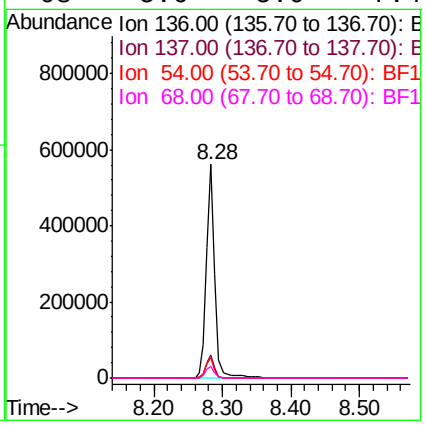


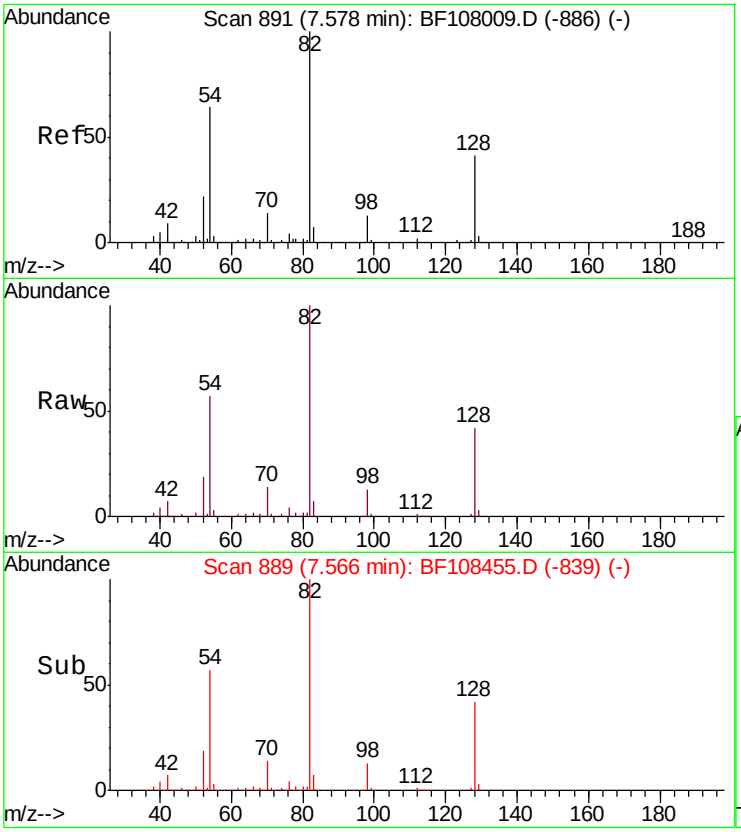


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:136 Resp: 495472

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	6.6	9.8
68	5.6	5.0	7.4



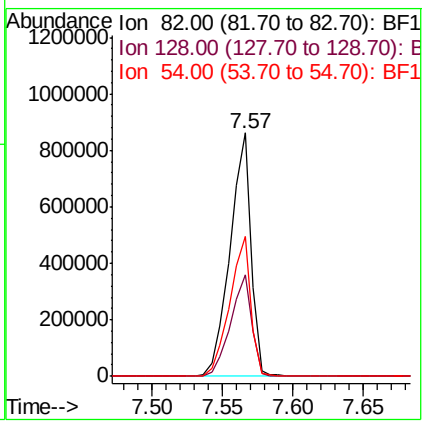


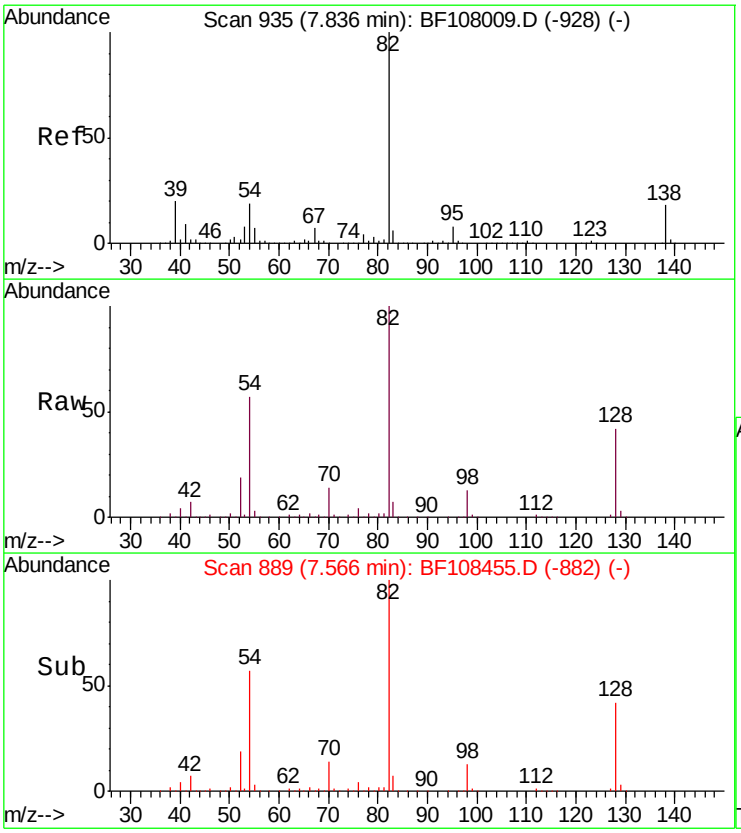
#23
Nitrobenzene-d5
Concen: 100.753 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion: 82 Resp: 894608

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	57.4	41.4	62.2

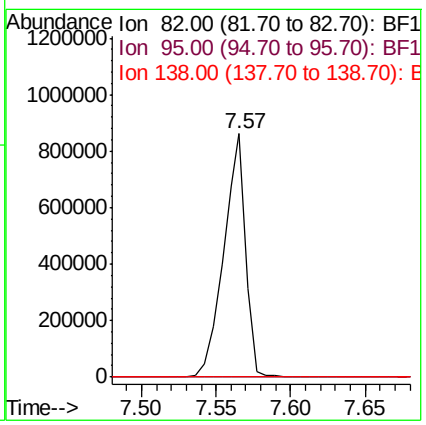


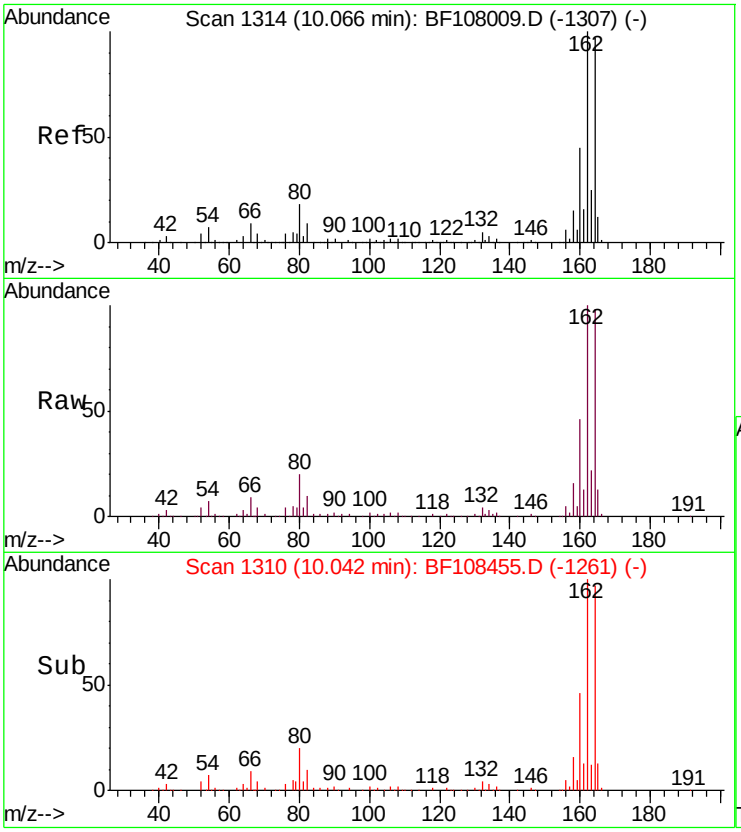


#25
Isophorone
Concen: 52.860 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion: 82 Resp: 894600

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



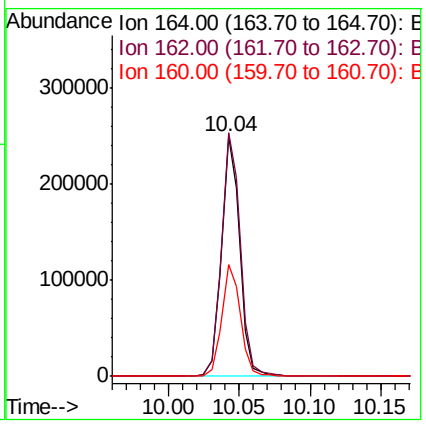


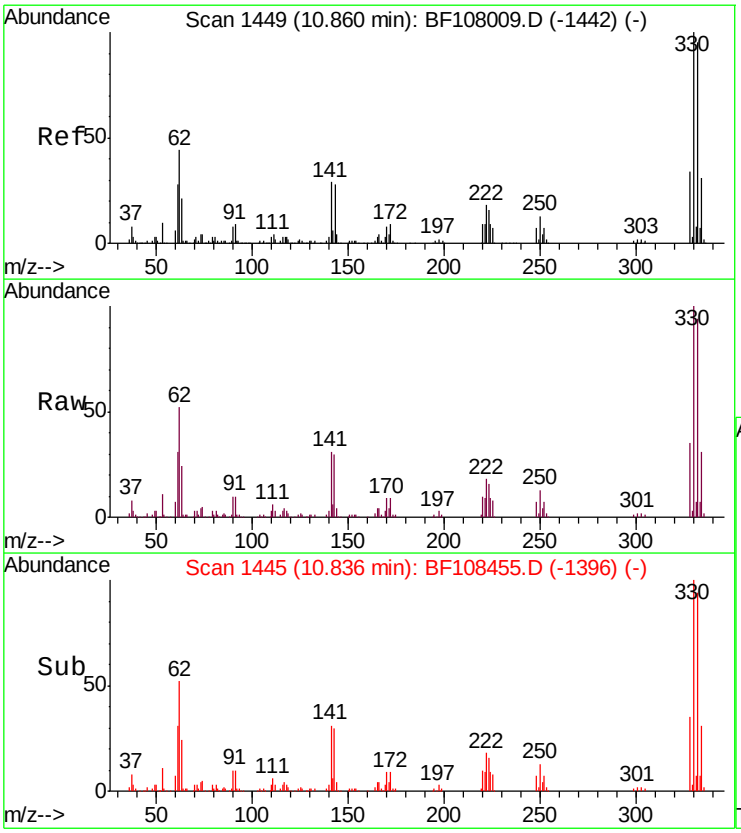
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:164 Resp: 223844

Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	46.8	38.3	57.5

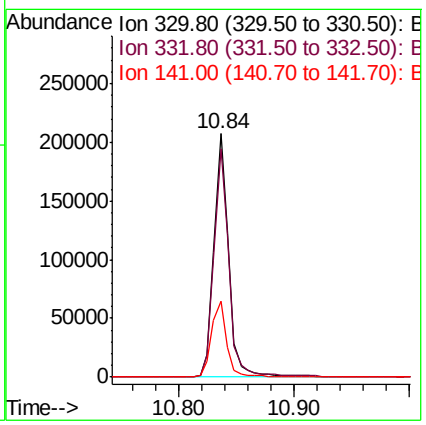


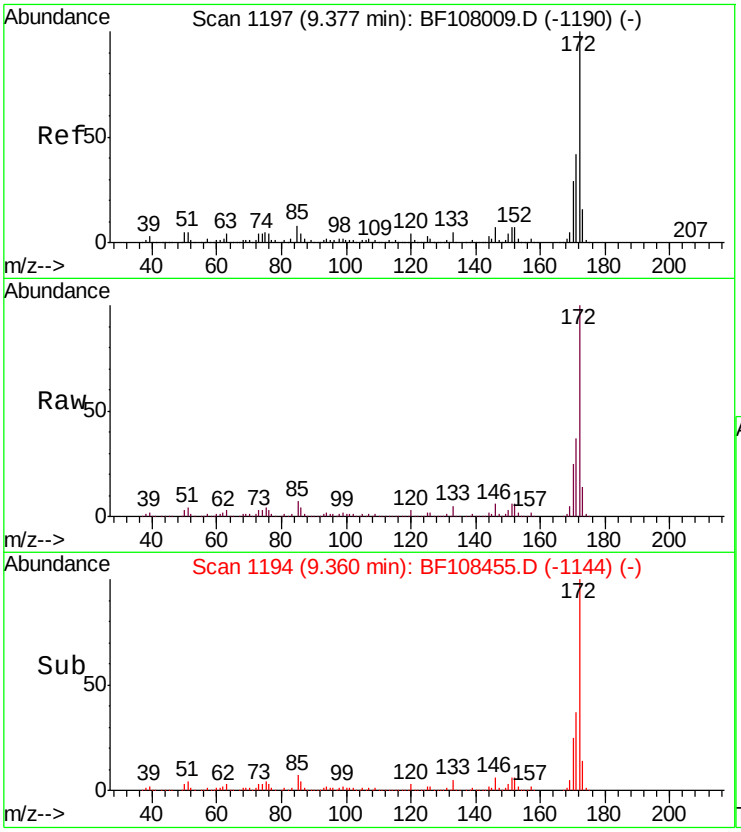


#41
2,4,6-Tribromophenol
Concen: 82.485 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:330 Resp: 184171

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	32.2	29.9	44.9



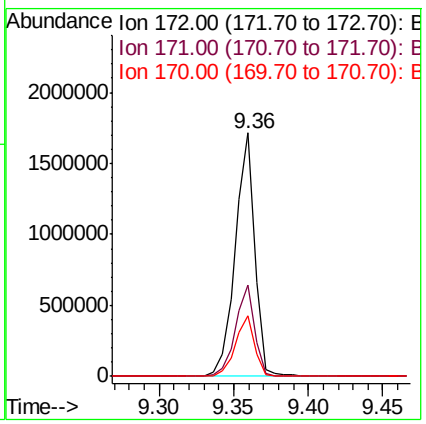


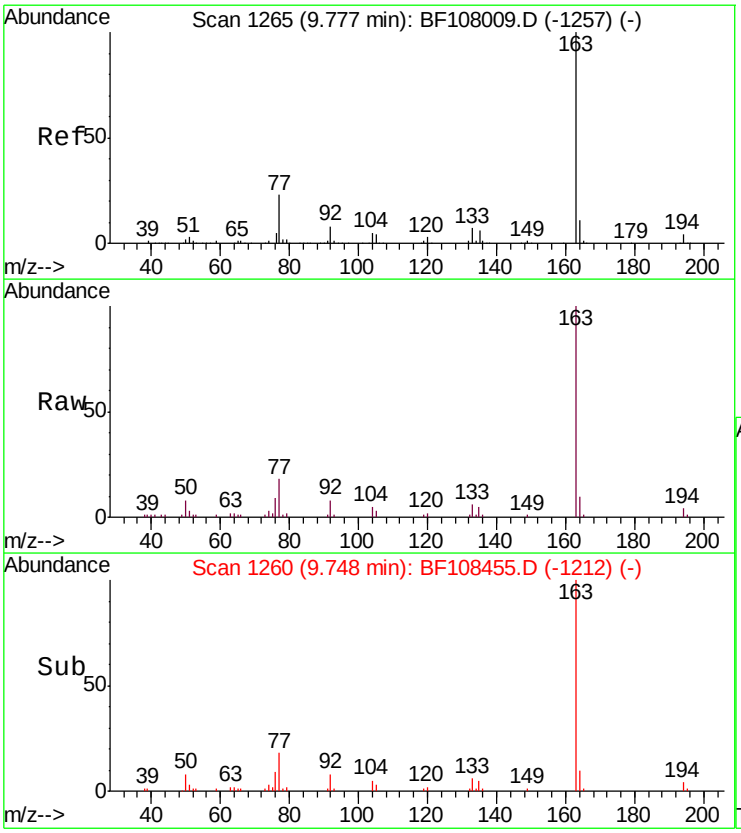
#44
2-Fluorobiphenyl
Concen: 113.162 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:172 Resp: 1577765

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.9	19.6	29.4

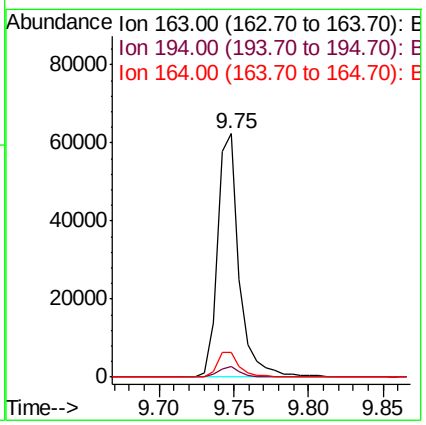


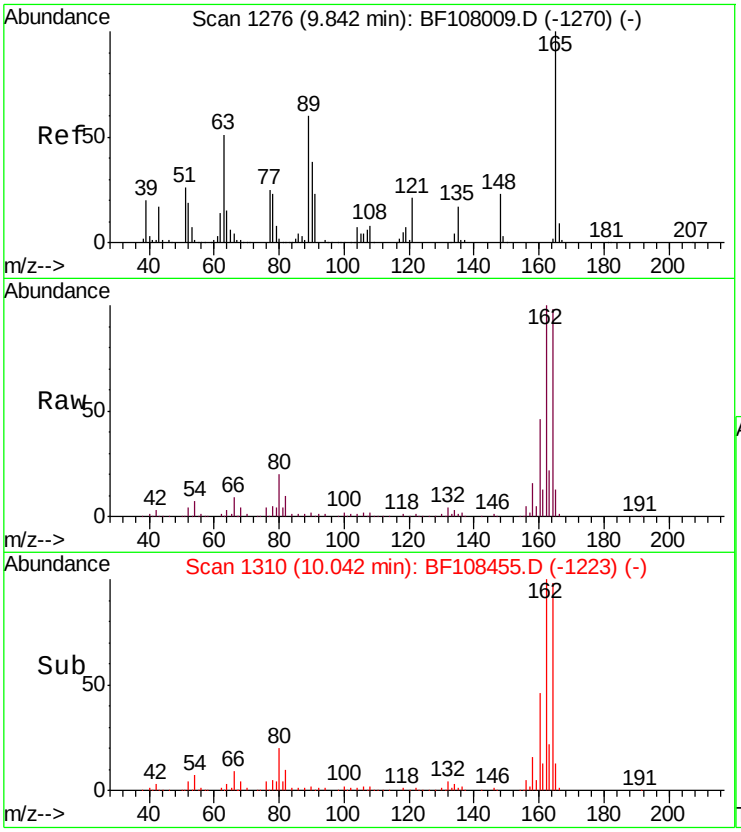


#49
Dimethylphthalate
Concen: 4.066 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:163 Resp: 63405

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.4	8.2	12.2



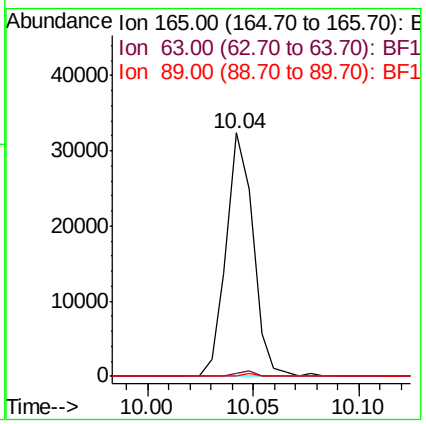


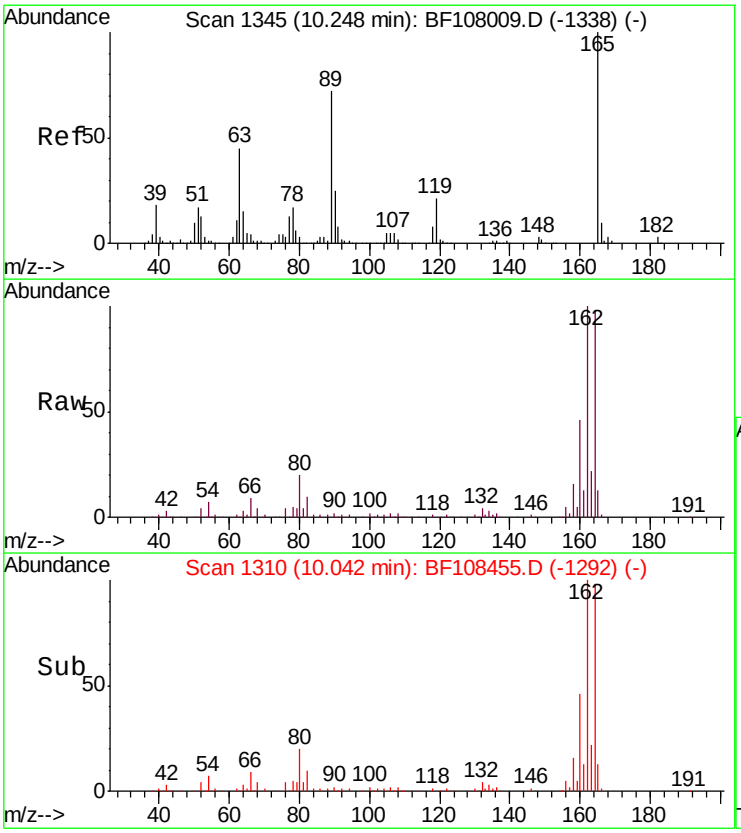
#50
2,6-Dinitrotoluene
Concen: 8.750 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:165 Resp: 28544

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.0	44.0	66.0#

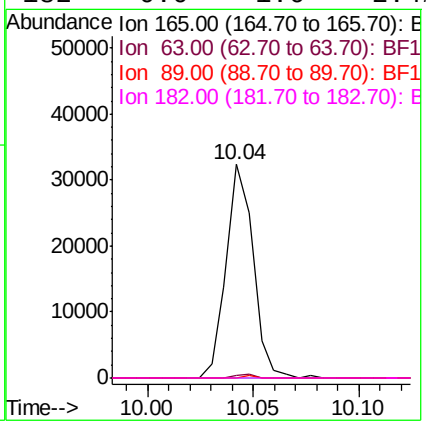


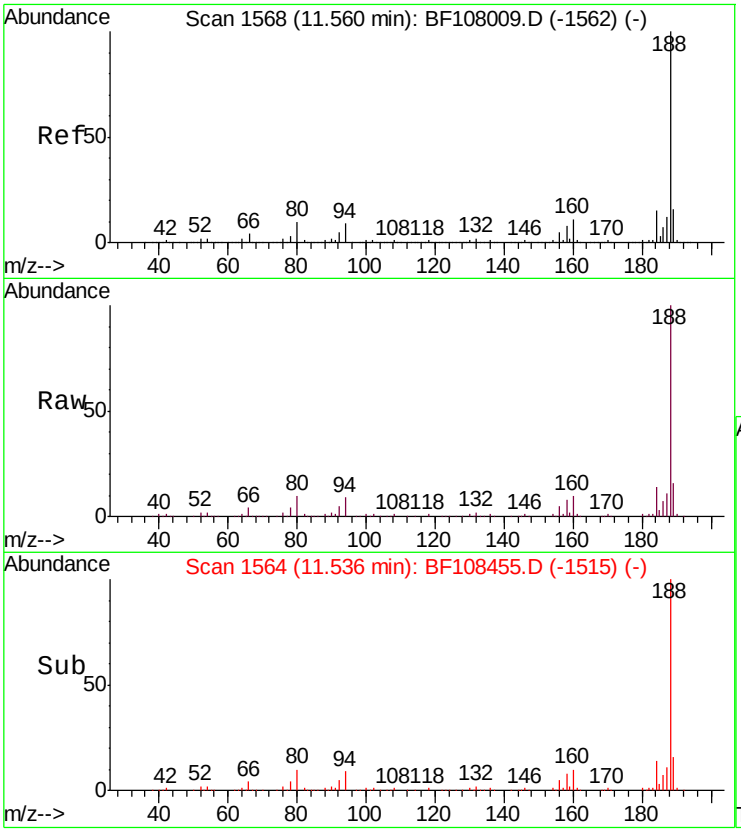


#56
2,4-Dinitrotoluene
Concen: 6.798 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:165 Resp: 28544

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



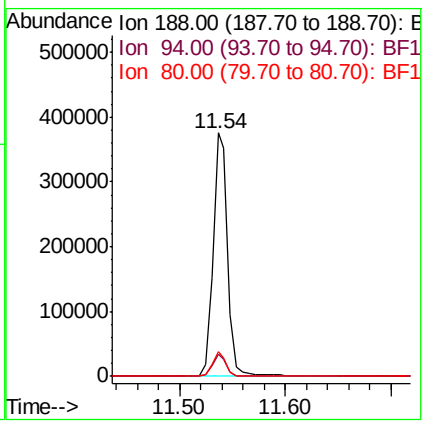


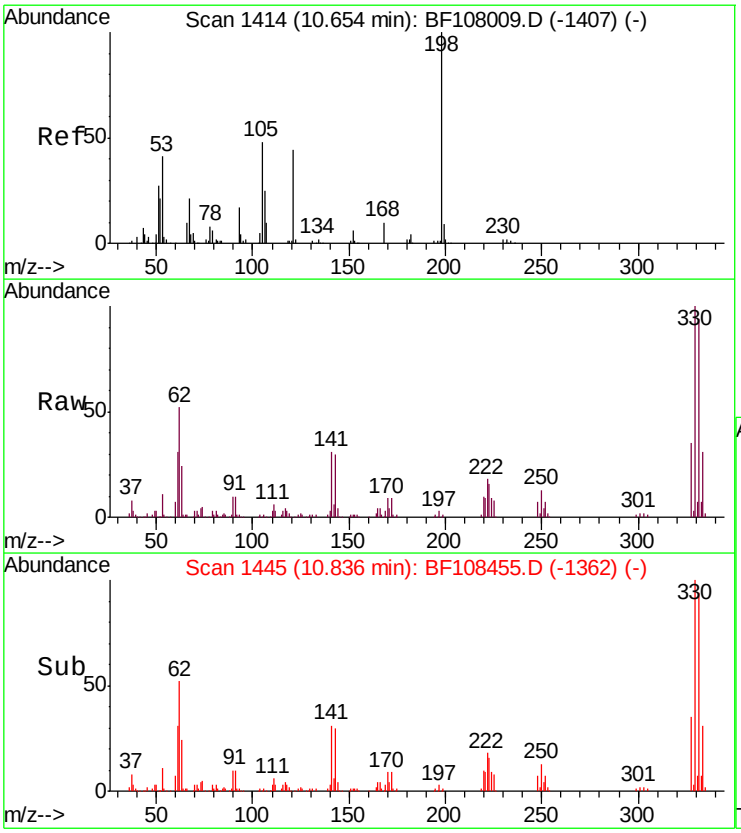
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:188 Resp: 366095

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.2	9.2	13.8

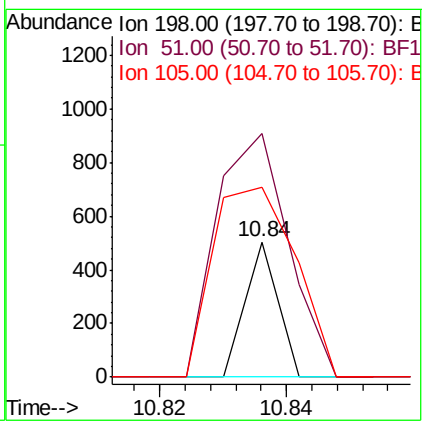


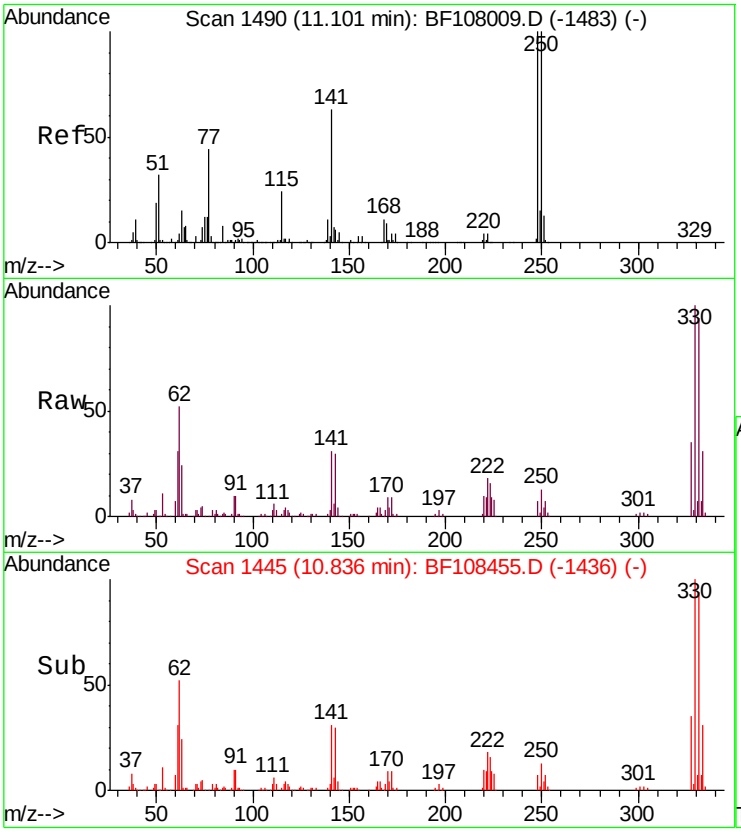


#64
4,6-Dinitro-2-methylphenol
Concen: 5.474 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:198 Resp: 178

Ion	Ratio	Lower	Upper
198	100		
51	180.5	37.7	77.7#
105	141.2	36.3	76.3#



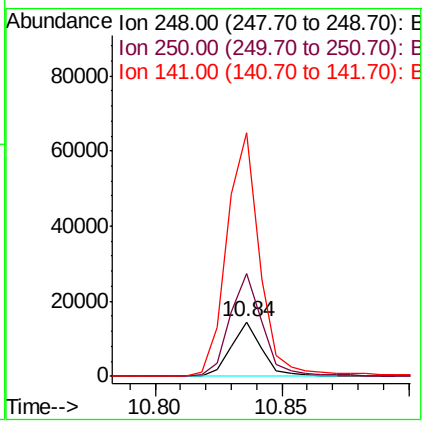


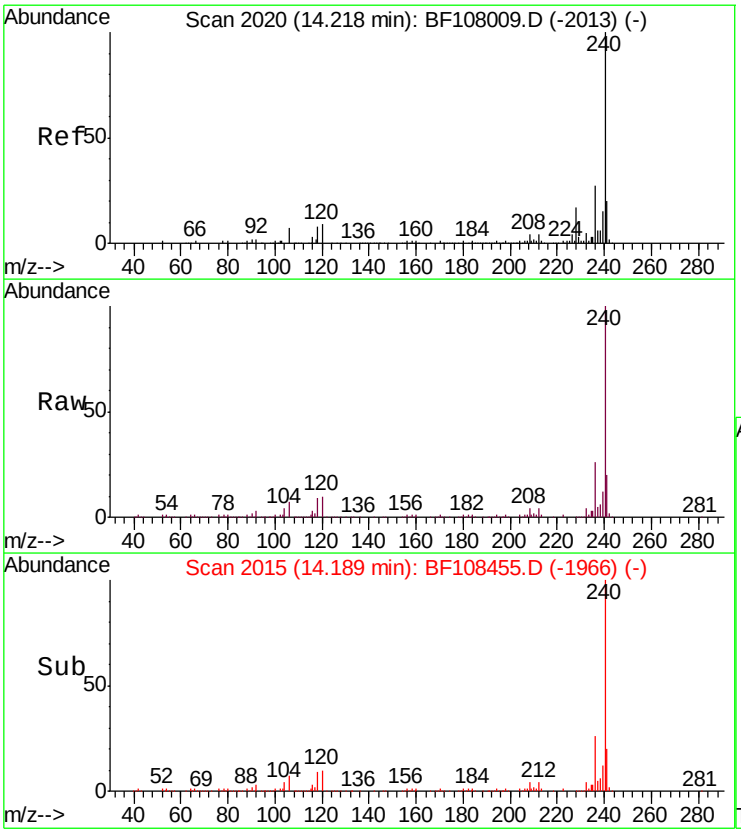
#66
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:248 Resp: 12084

Ion	Ratio	Lower	Upper
248	100		
250	187.4	76.9	115.3#
141	445.2	74.4	111.6#

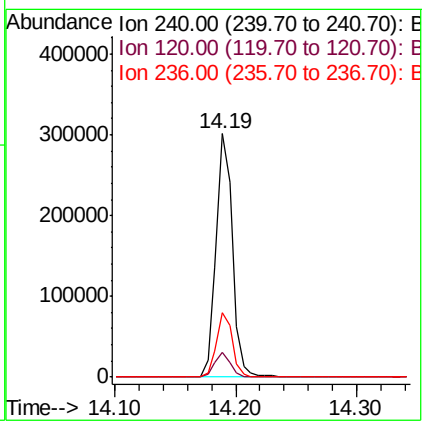


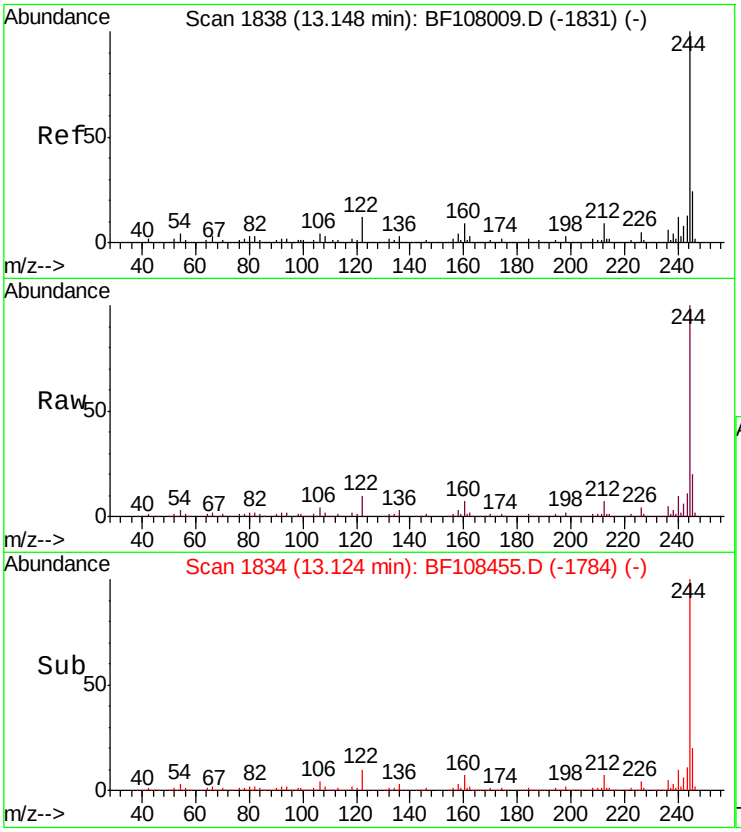


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:240 Resp: 278977

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	26.3	20.7	31.1



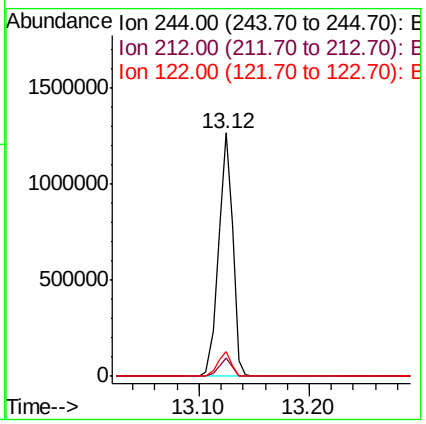


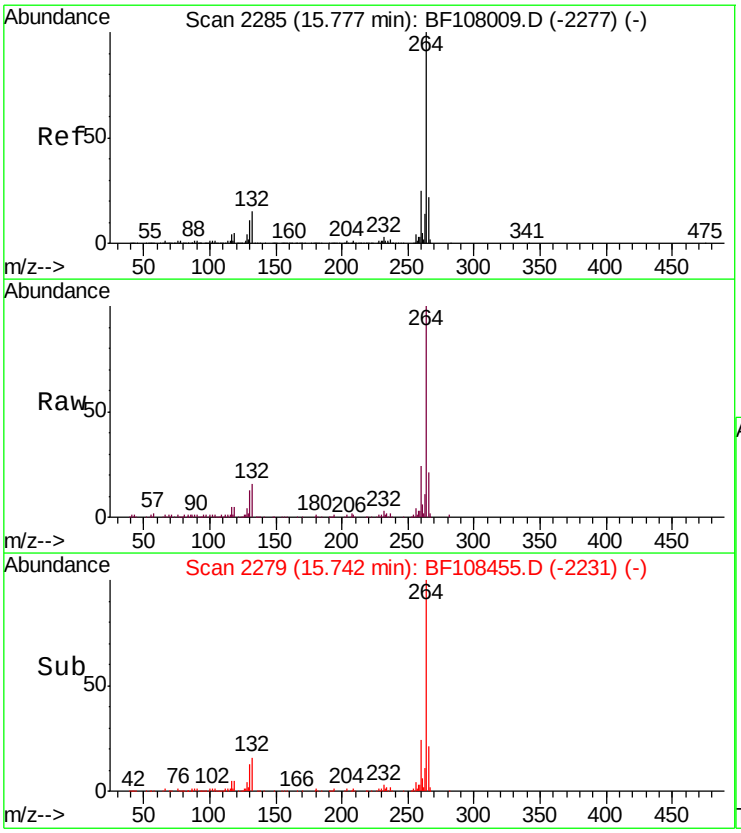
#78
Terphenyl-d14
Concen: 102.629 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-S

Tgt Ion:244 Resp: 1126069

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	10.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108455.D
Acq: 24 Aug 2018 7:46

Tgt Ion:264 Resp: 240347

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3