Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
Data File : BF108668.D
Acq On : 31 Aug 2018 4:30
Operator : JU/SJ
Sample : J4700-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 082818-DBRI-F-D-M

Quant Time: Aug 31 05:53:14 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	7.01	152	84096	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	349599	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	173288	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	356465	20.00	ng	0.00
75) Chrysene-d12	14.19	240	362623	20.00	ng	0.00
86) Perylene-d12	15.75	264	305573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	61356	12.67	ng	0.05
7) Phenol-d6	6.66	99	136113	19.63	ng	0.01
23) Nitrobenzene-d5	7.57	82	634740	92.16	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	173440	75.82	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1245224	96.62	ng	0.00
78) Terphenyl-d14	13.12	244	1299117	69.61	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.15	79	10411	2.087	ng	# 48
19) n-Nitroso-di-n-propylamine	7.57	70	76800	16.541	ng	# 82
25) Isophorone	7.57	82	634740	55.478	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	20877	6.941	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	20877	5.242	ng	# 23
66) 4-Bromophenyl-phenylether	10.84	248	10895	2.487	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083018\
Data File : BF108668.D
Acq On : 31 Aug 2018 4:30
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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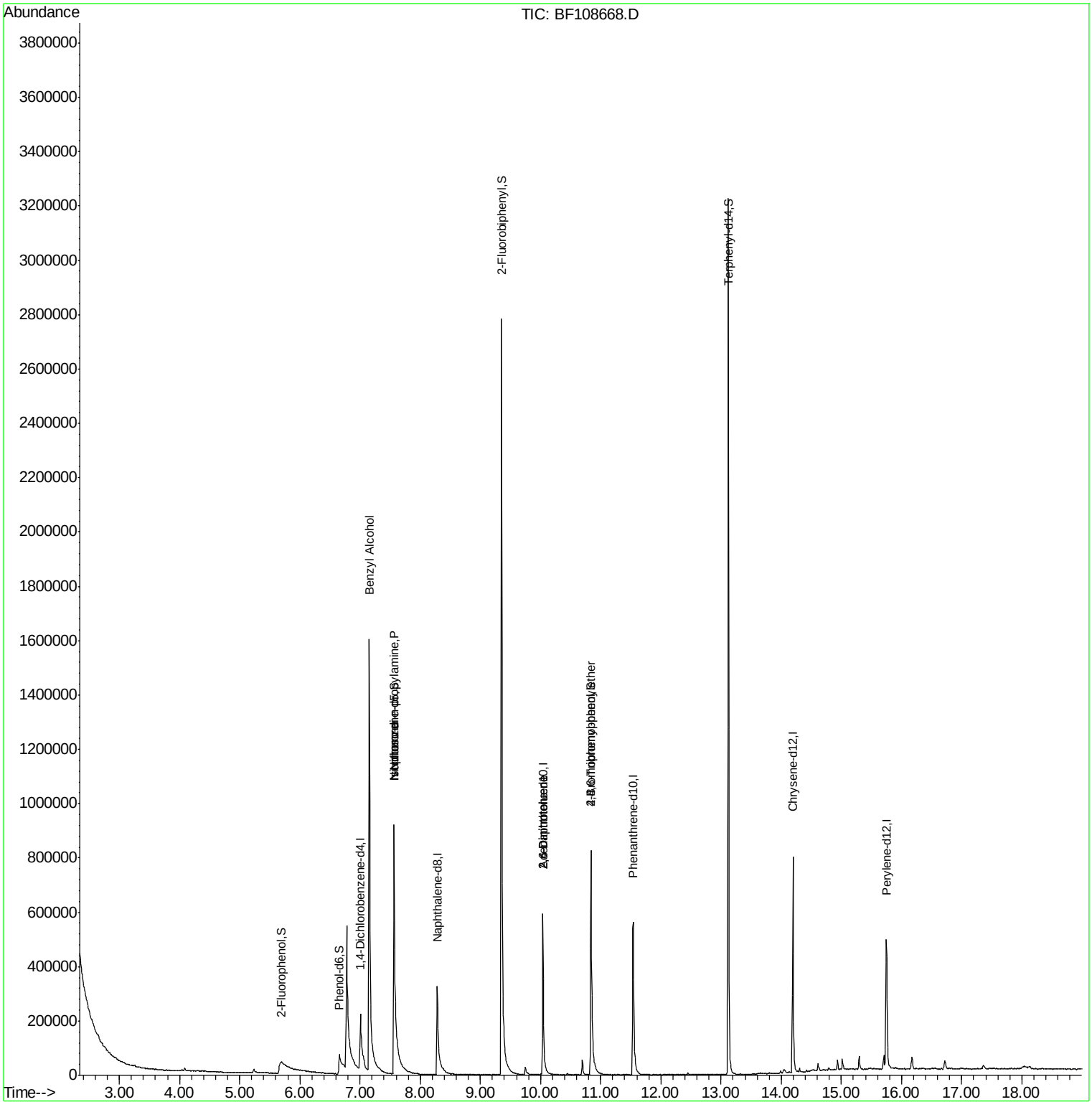
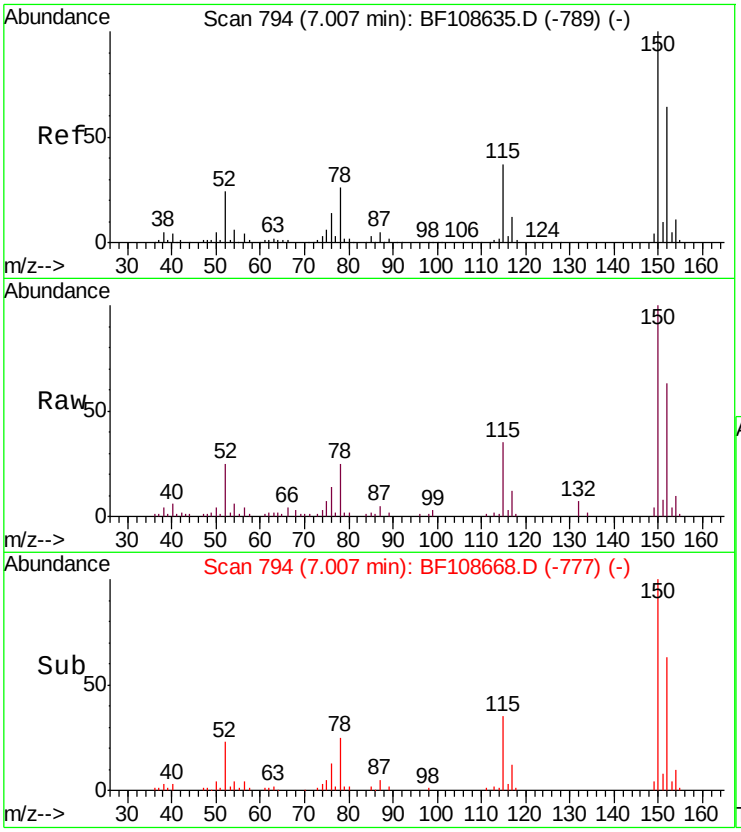
ClientSampleId :
082818-DBRI-F-D-M

Quant Time: Aug 31 05:53:14 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



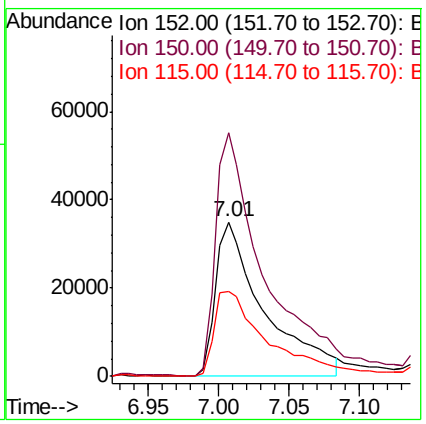


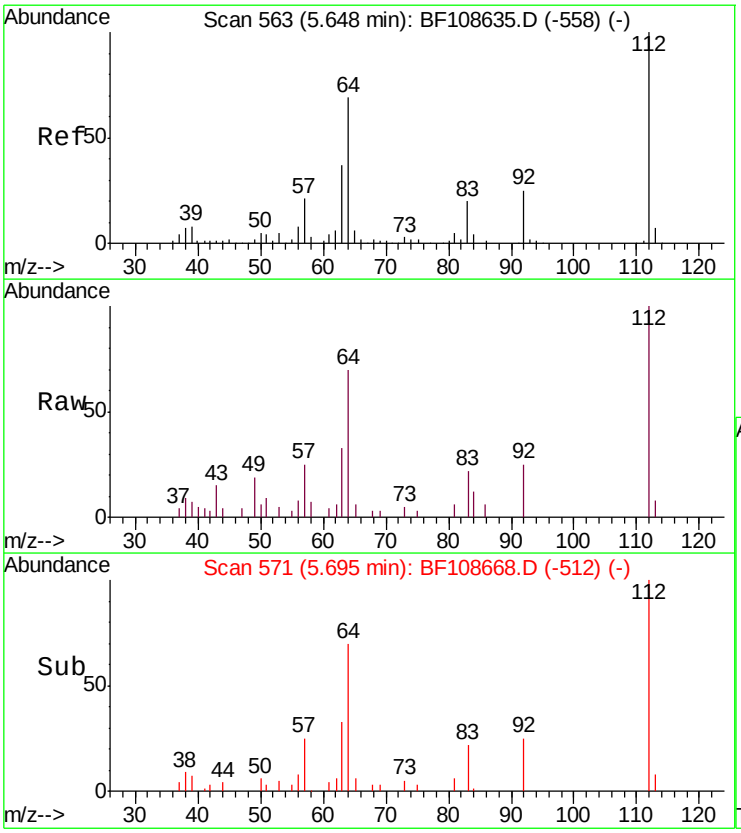
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion:152 Resp: 84096

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	55.4	50.1	75.1

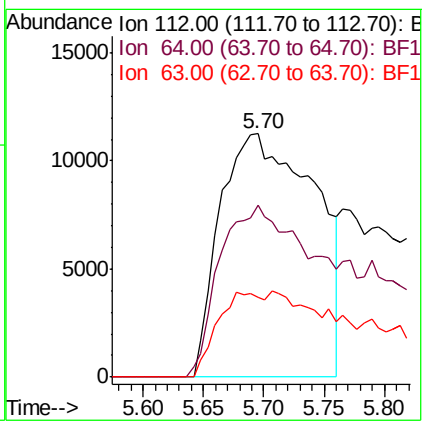


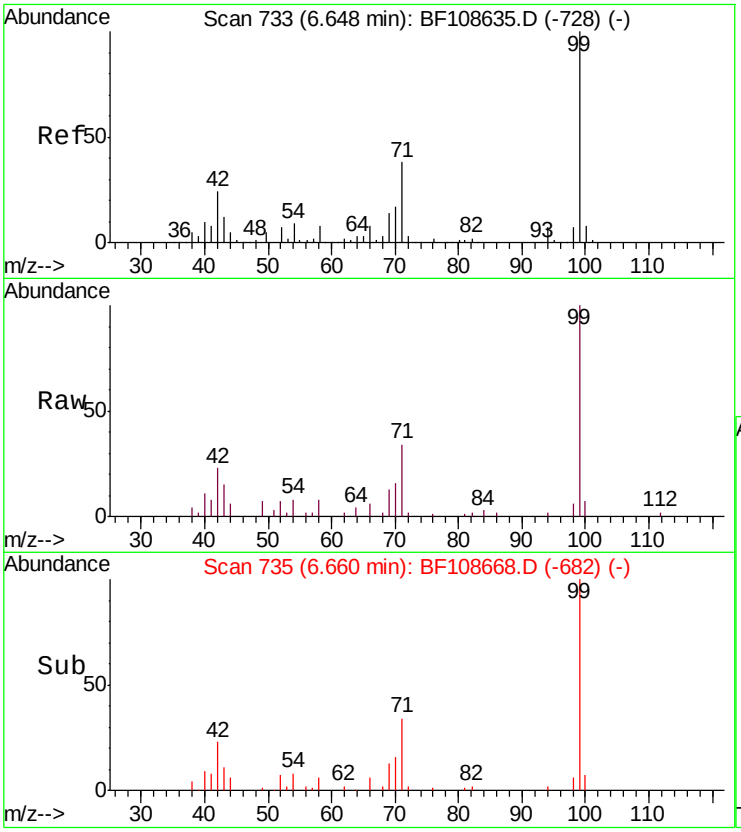


#5
2-Fluorophenol
Concen: 12.675 ng
RT: 5.70 min Scan# 571
Delta R.T. 0.05 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:112 Resp: 61356

Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	32.5	23.7	35.5



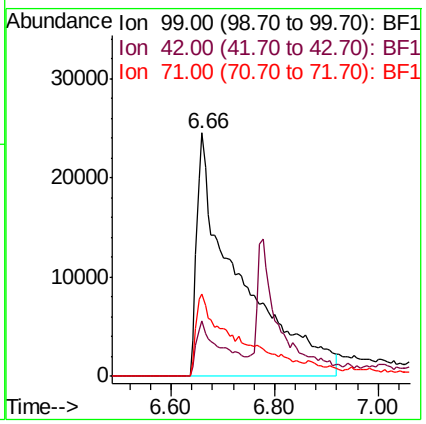


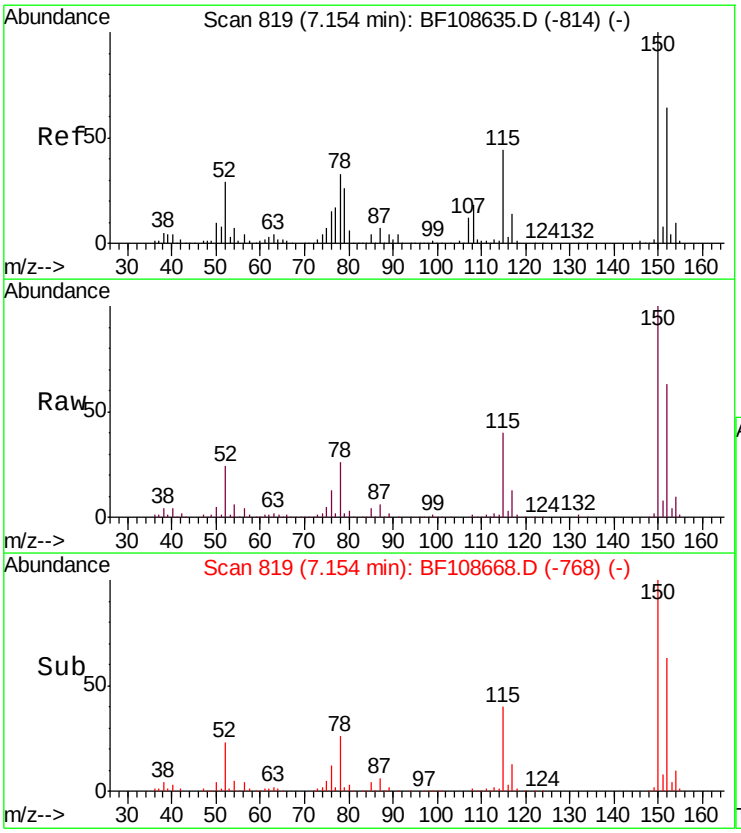
#7
Phenol-d6
Concen: 19.632 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion: 99 Resp: 136113

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	34.0	25.4	38.0

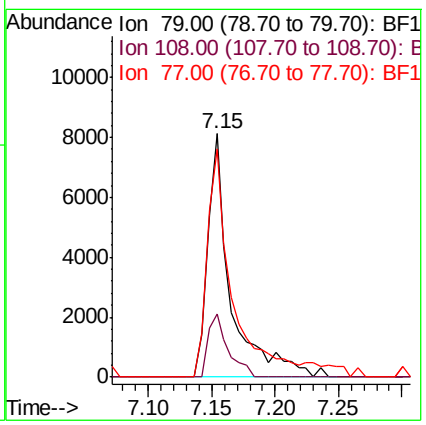


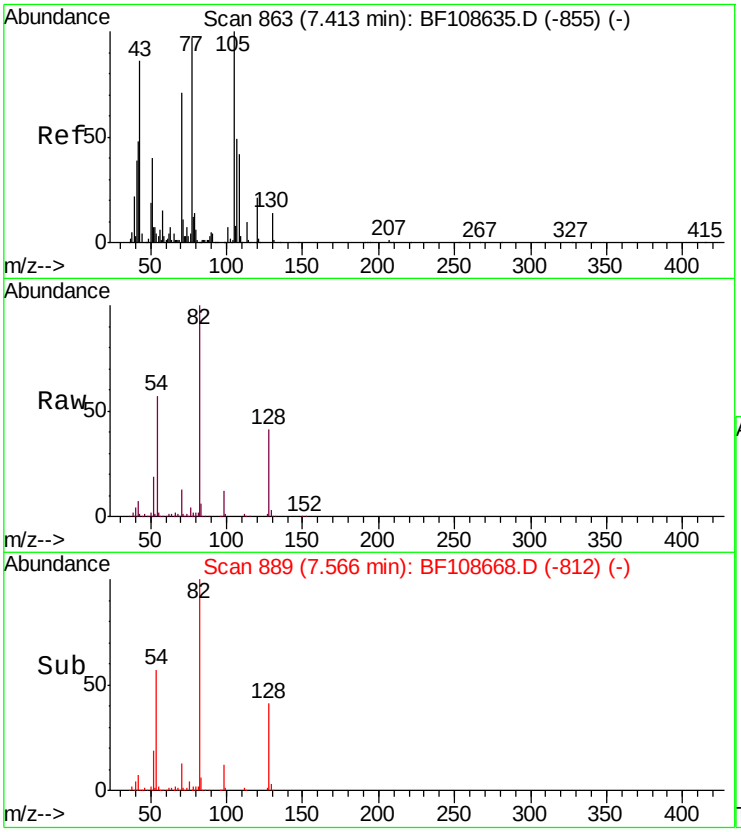


#15
Benzyl Alcohol
Concen: 2.087 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion: 79 Resp: 10411

Ion	Ratio	Lower	Upper
79	100		
108	25.8	65.1	97.7#
77	93.6	50.6	75.8#



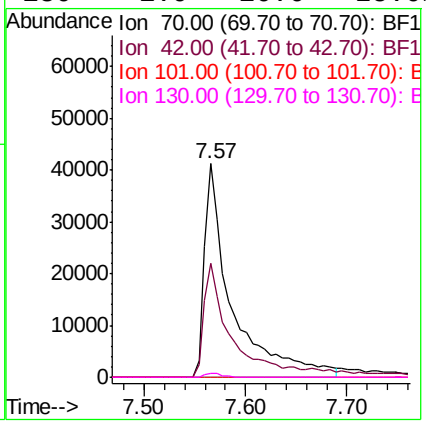


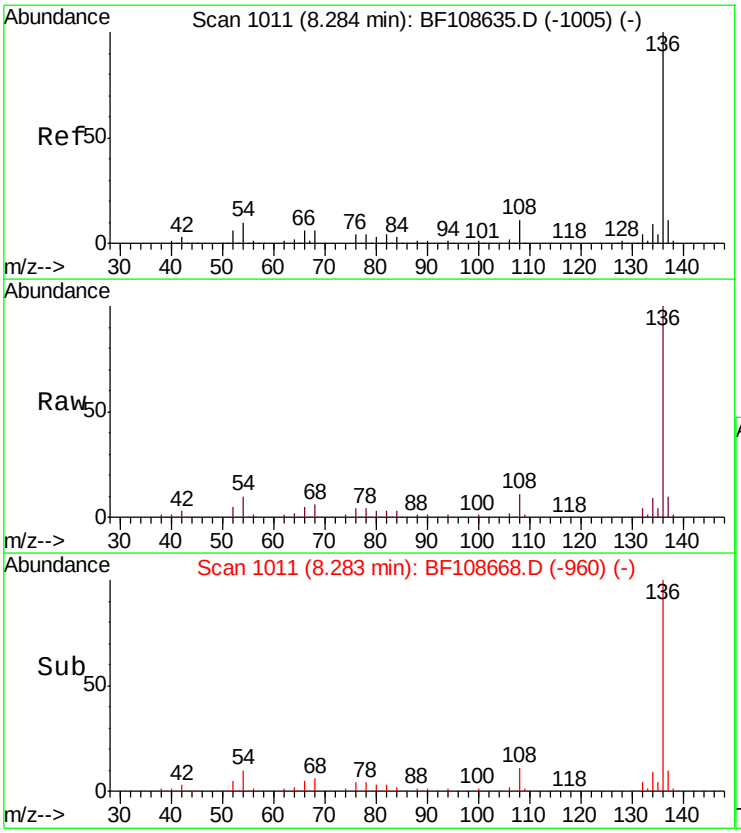
#19
n-Nitroso-di-n-propylamine
Concen: 16.541 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion: 70 Resp: 76800

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

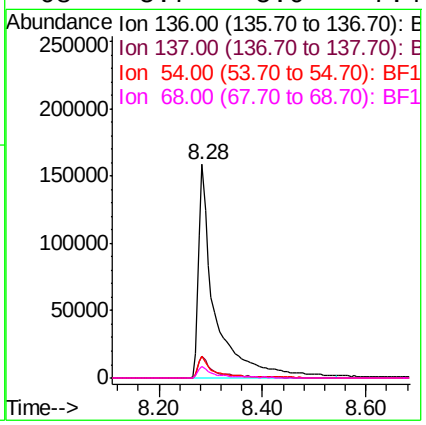


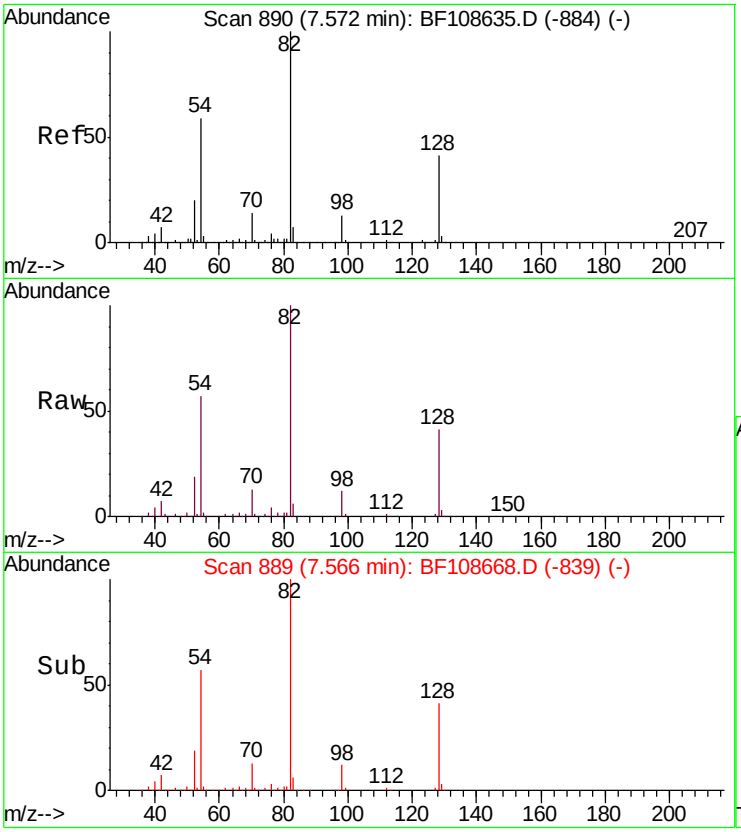


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:136 Resp: 349599

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	10.2	6.6	9.8#
68	5.7	5.0	7.4



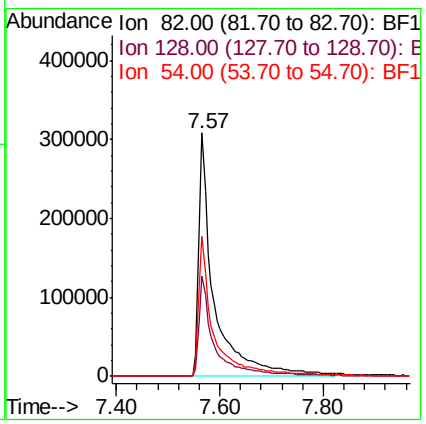


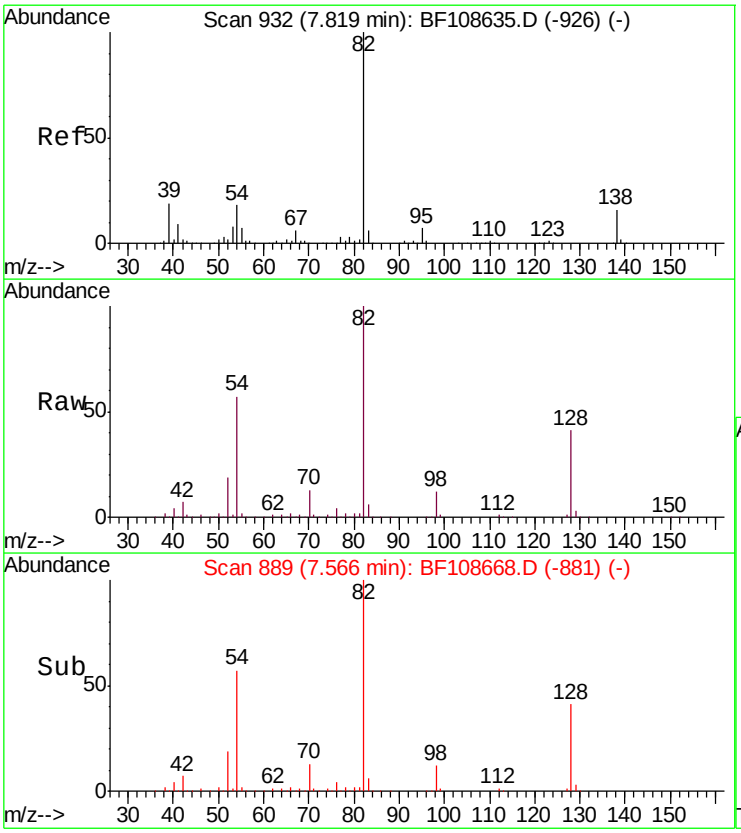
#23
Nitrobenzene-d5
Concen: 92.159 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion: 82 Resp: 634740

Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	57.3	41.4	62.2

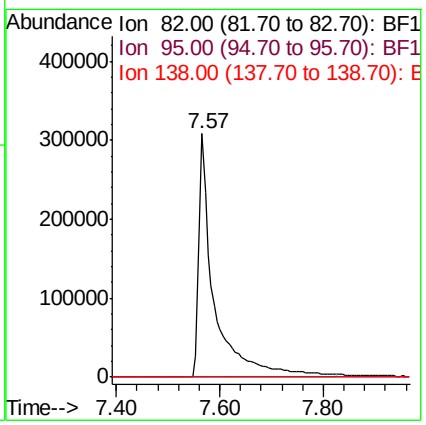


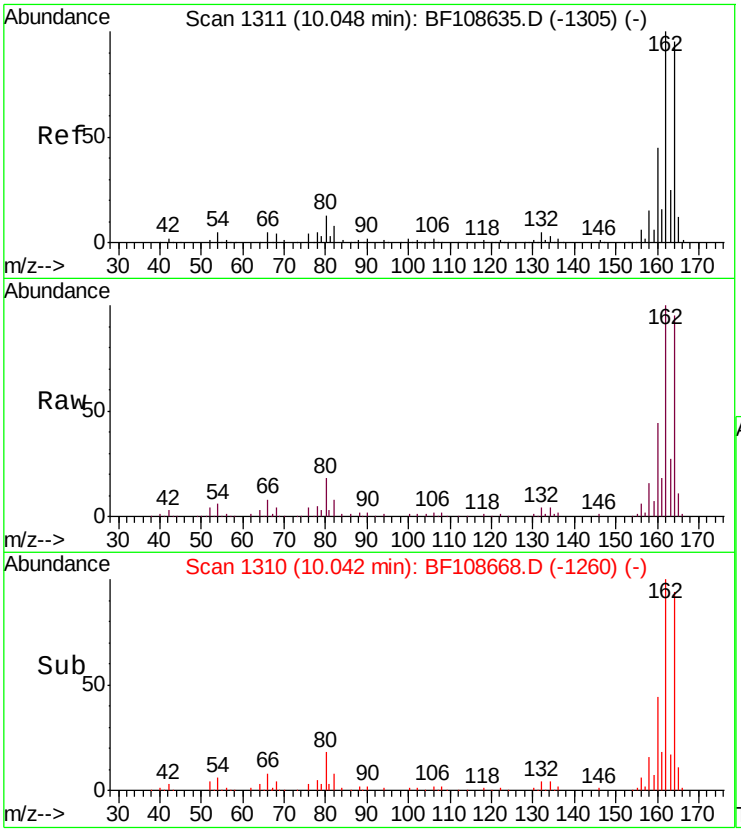


#25
Isophorone
Concen: 55.478 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion: 82 Resp: 634740

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



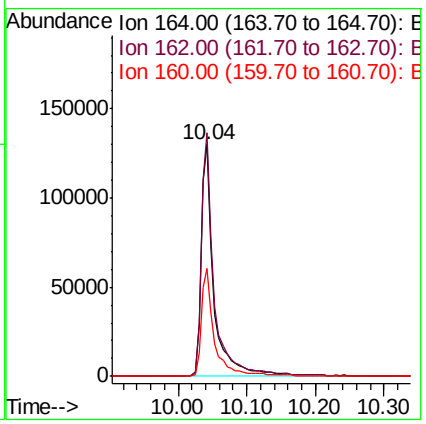


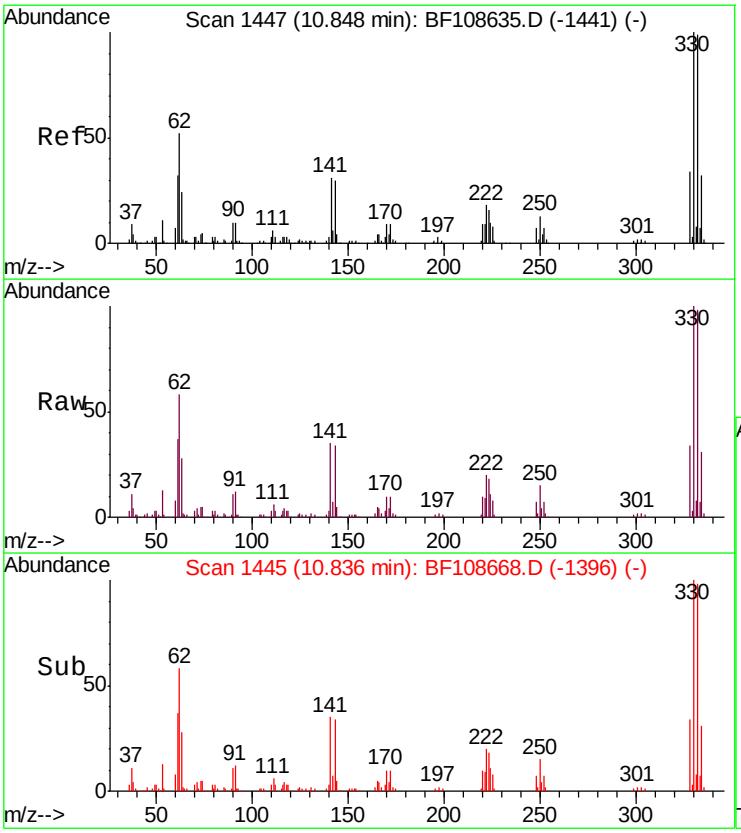
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion:164 Resp: 173288

Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.6	38.3	57.5

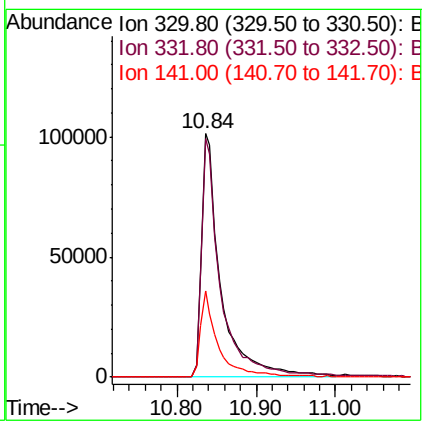


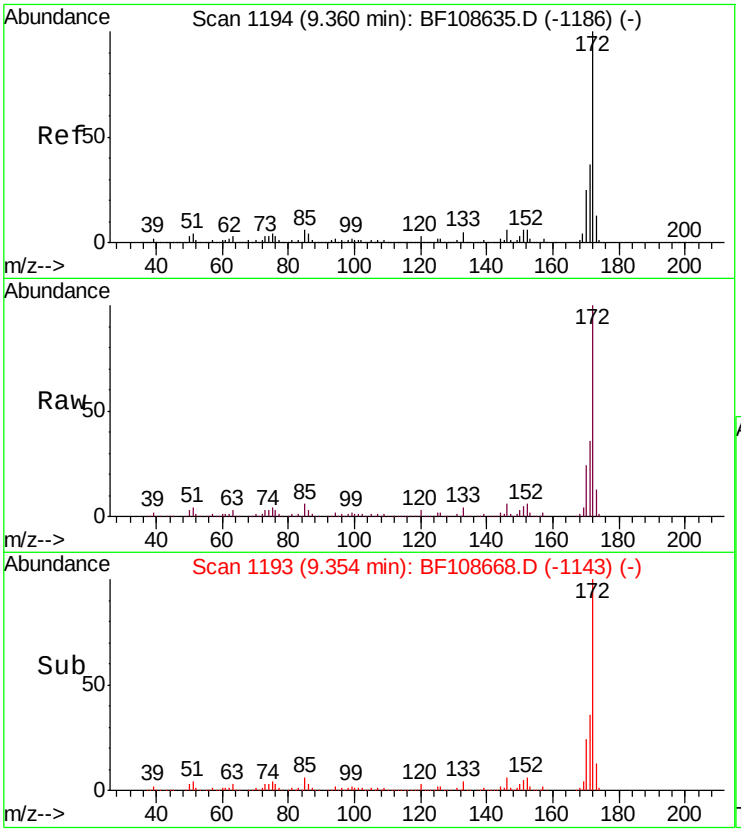


#41
2,4,6-Tribromophenol
Concen: 75.817 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:330 Resp: 173440

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	32.7	29.9	44.9



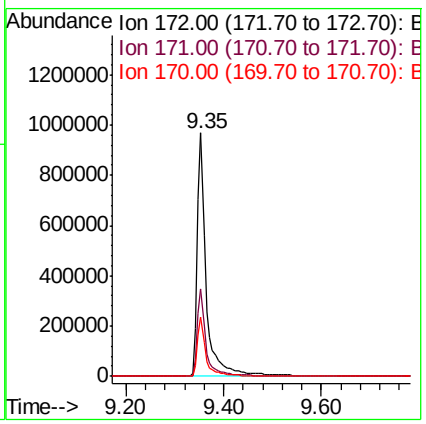


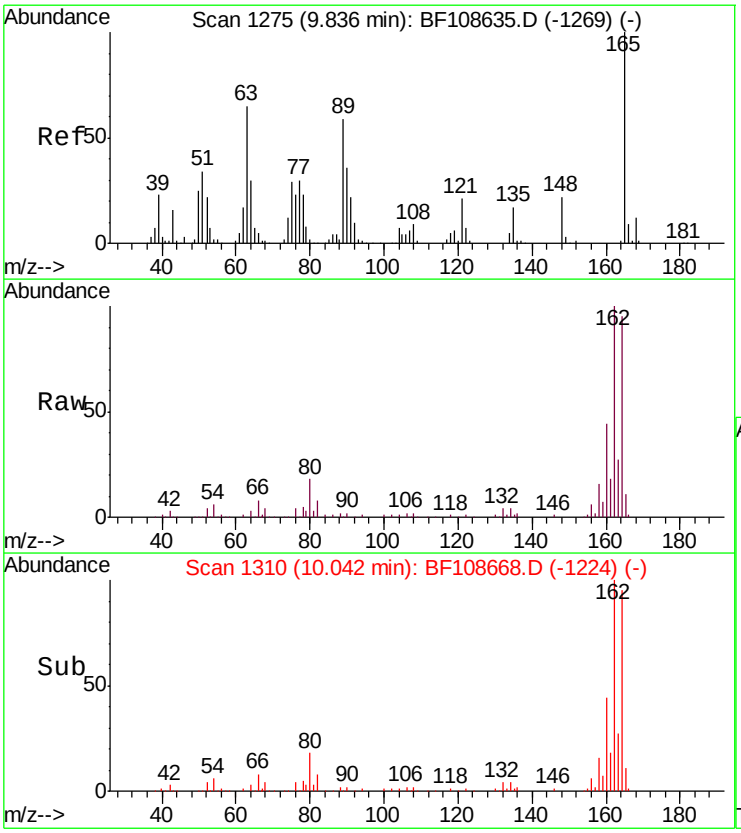
#44
2-Fluorobiphenyl
Concen: 96.619 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion:172 Resp: 1245224

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

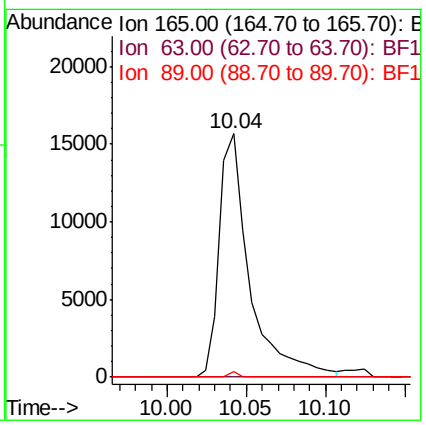


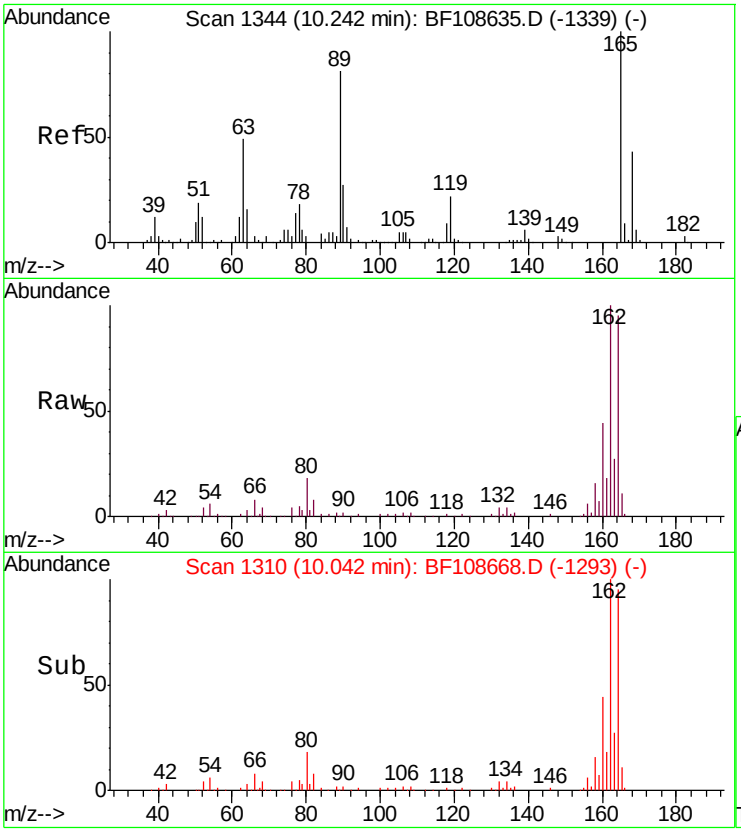


#50
2,6-Dinitrotoluene
Concen: 6.941 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:165 Resp: 20877

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.3	44.0	66.0#



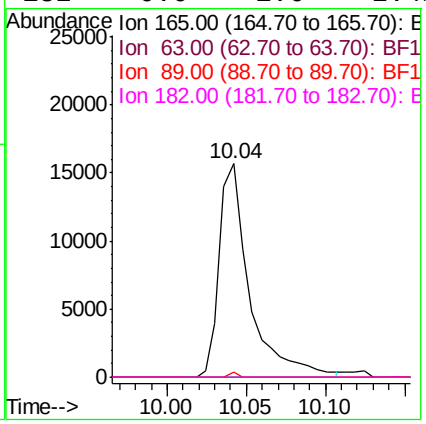


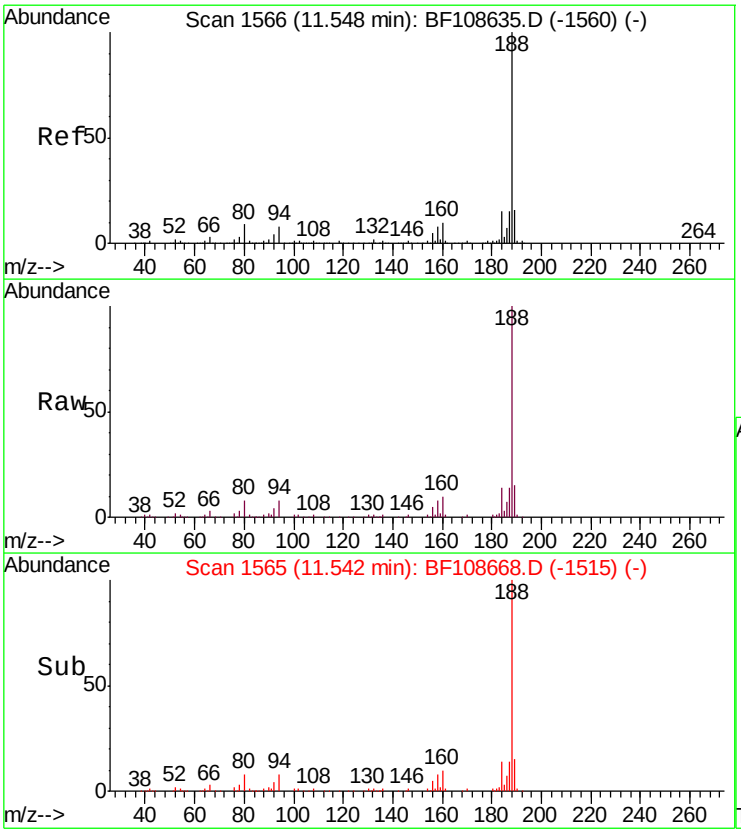
#56
2,4-Dinitrotoluene
Concen: 5.242 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion:165 Resp: 20877

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

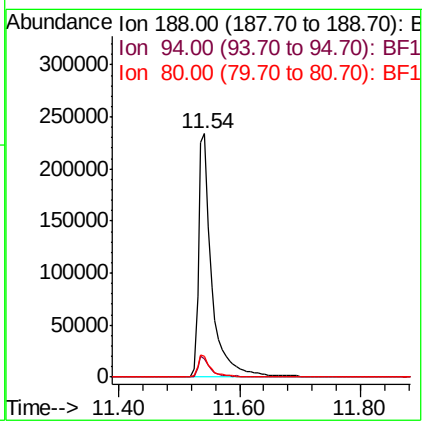


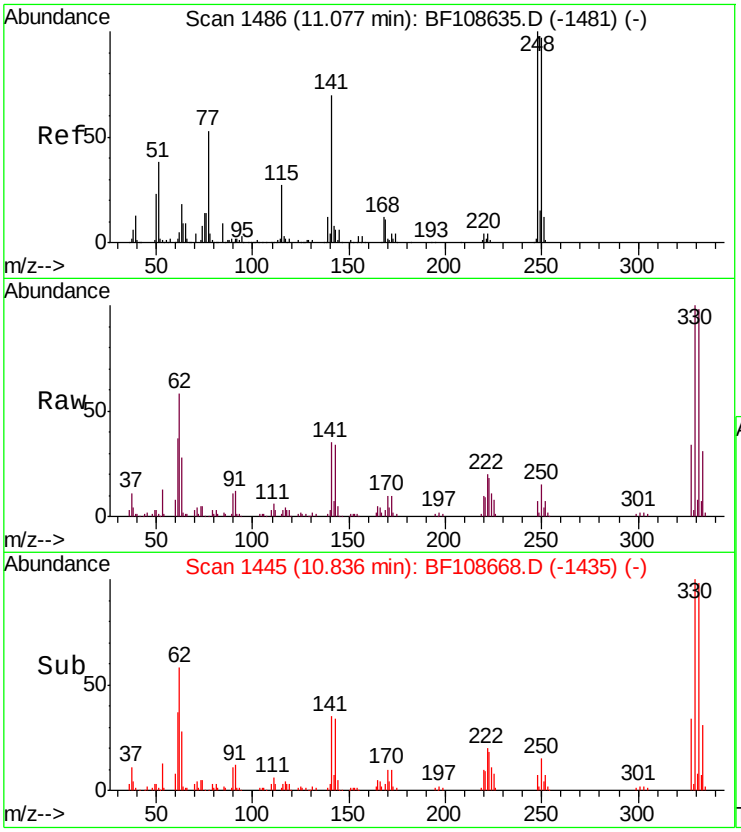


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:188 Resp: 356465

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.4	9.2	13.8#



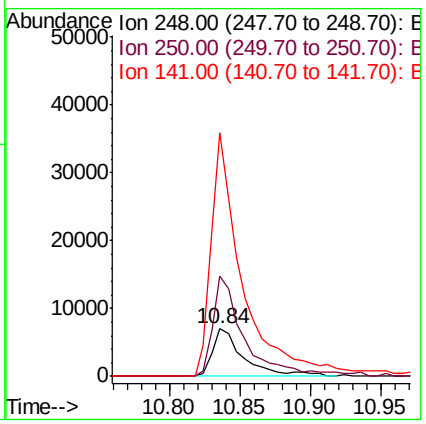


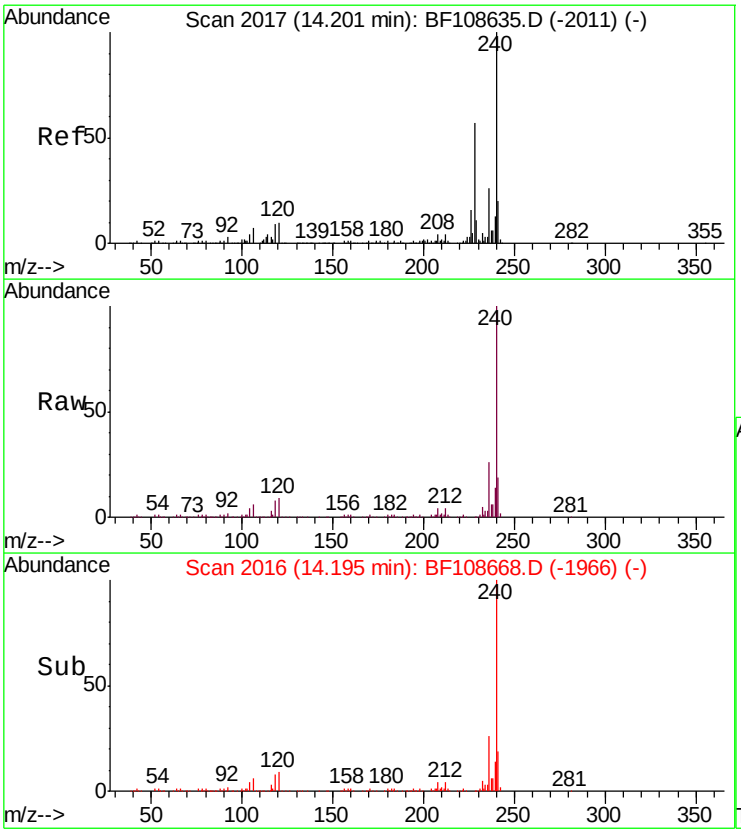
#66
4-Bromophenyl-phenylether
Concen: 2.487 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion:248 Resp: 10895

Ion	Ratio	Lower	Upper
248	100		
250	210.4	76.9	115.3#
141	511.7	74.4	111.6#

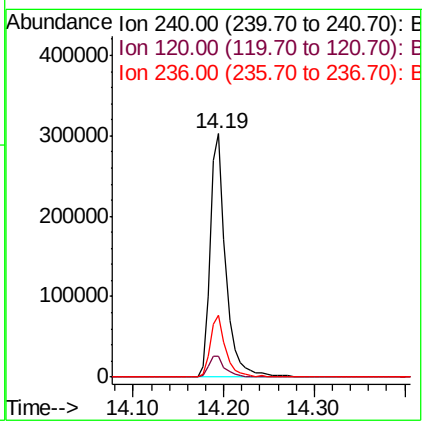


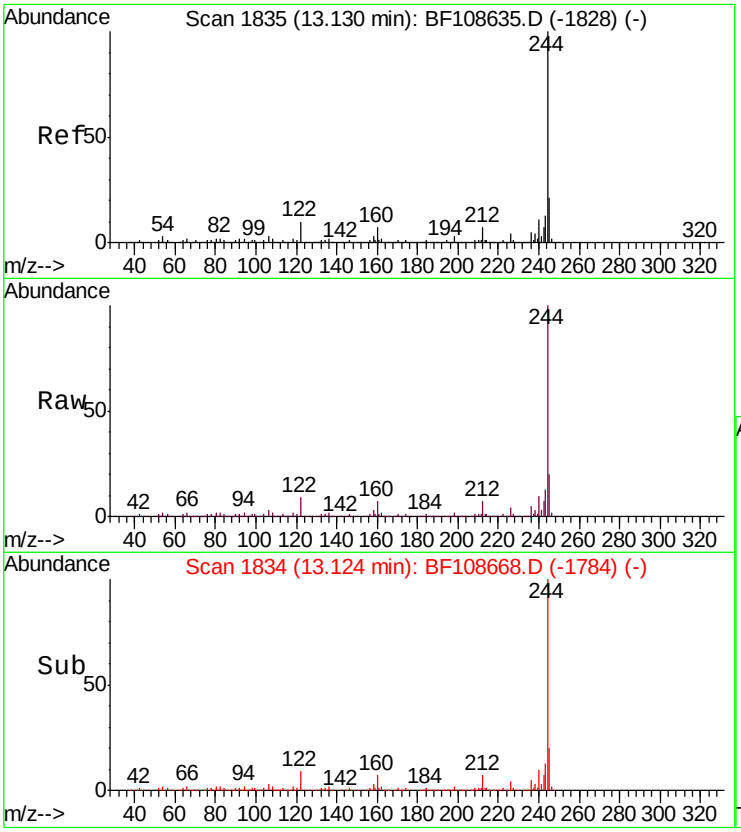


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:240 Resp: 362623

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.6	20.7	31.1



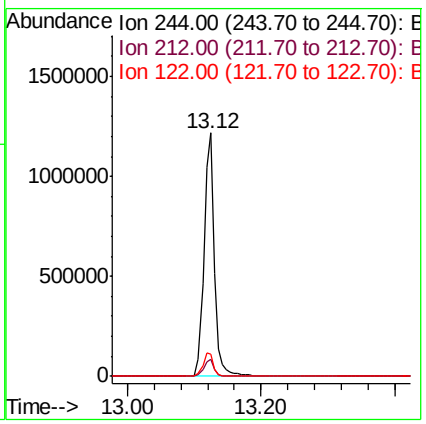


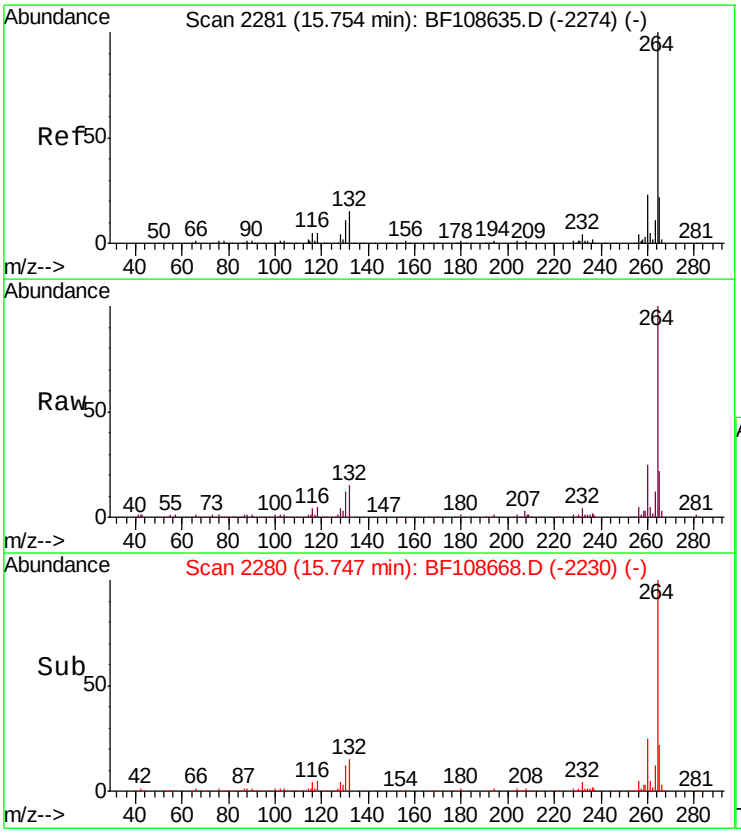
#78
Terphenyl-d14
Concen: 69.607 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Instrument :
BNA_F
ClientSampleId :
082818-DBRI-F-D-M

Tgt Ion:244 Resp: 1299117

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.2	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108668.D
Acq: 31 Aug 2018 4:30

Tgt Ion:264 Resp: 305573

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.0	17.5	26.3