Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108728.D
Acq On : 1 Sep 2018 9:38
Operator : JU/SJ
Sample : J4729-14
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 04 02:03:18 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	68042	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	266387	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	124951	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	269128	20.00	ng	0.00
75) Chrysene-d12	14.19	240	247280	20.00	ng	0.00
86) Perylene-d12	15.75	264	162655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	41093	10.49	ng	0.04
7) Phenol-d6	6.66	99	45564	8.12	ng	0.01
23) Nitrobenzene-d5	7.57	82	518182	98.74	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	120115	72.82	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1000129	107.62	ng	0.00
78) Terphenyl-d14	13.12	244	1050741	82.56	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.15	79	8596	2.130	ng	# 43
19) n-Nitroso-di-n-propylamine	7.57	70	59773	15.911	ng	# 80
25) Isophorone	7.57	82	532847	61.120	ng	# 64
49) Dimethylphthalate	9.75	163	25911	2.633	ng	99
50) 2,6-Dinitrotoluene	10.04	165	14576	6.721	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	15474	5.388	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	7247	2.191	ng	# 1

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

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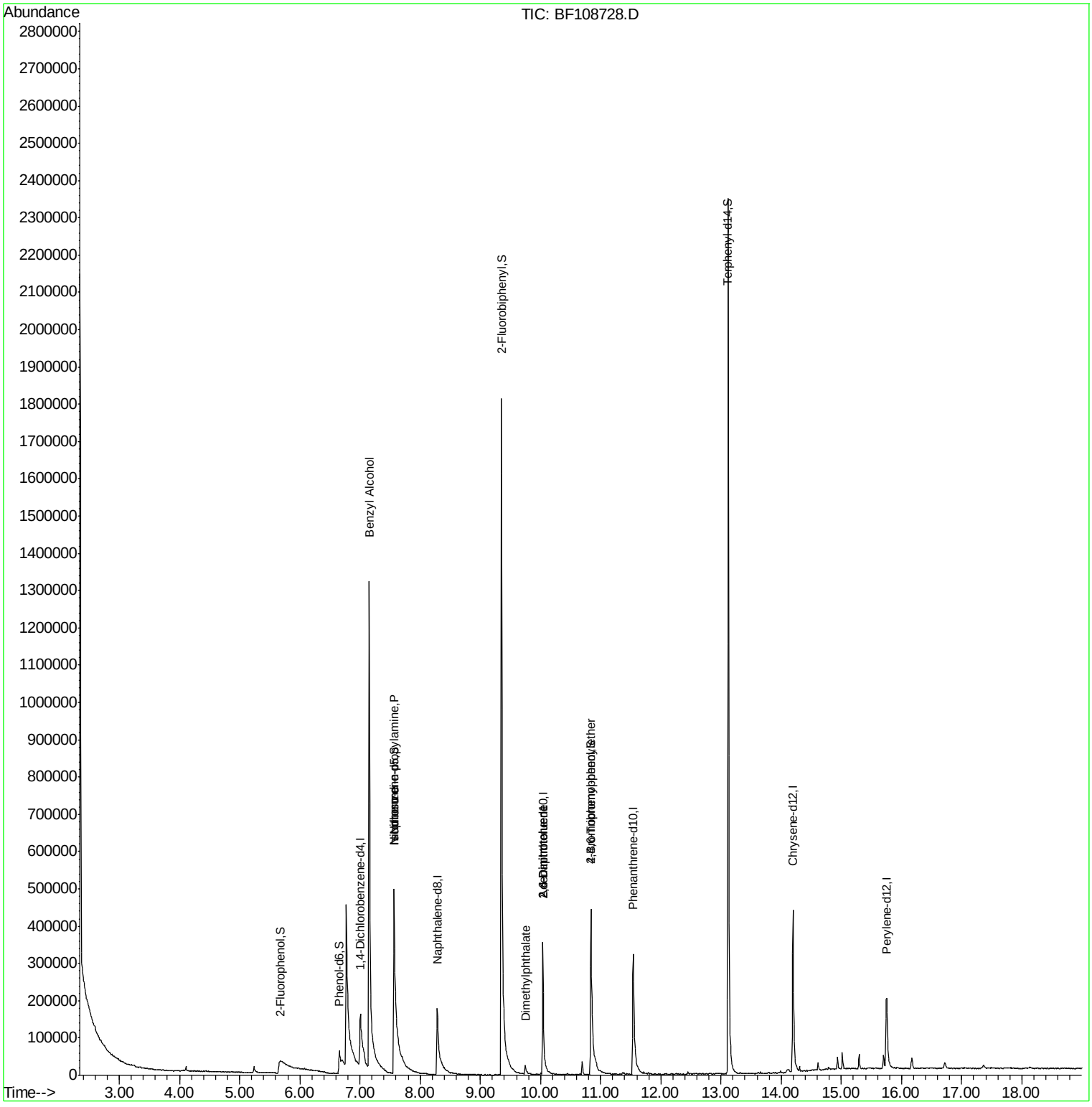
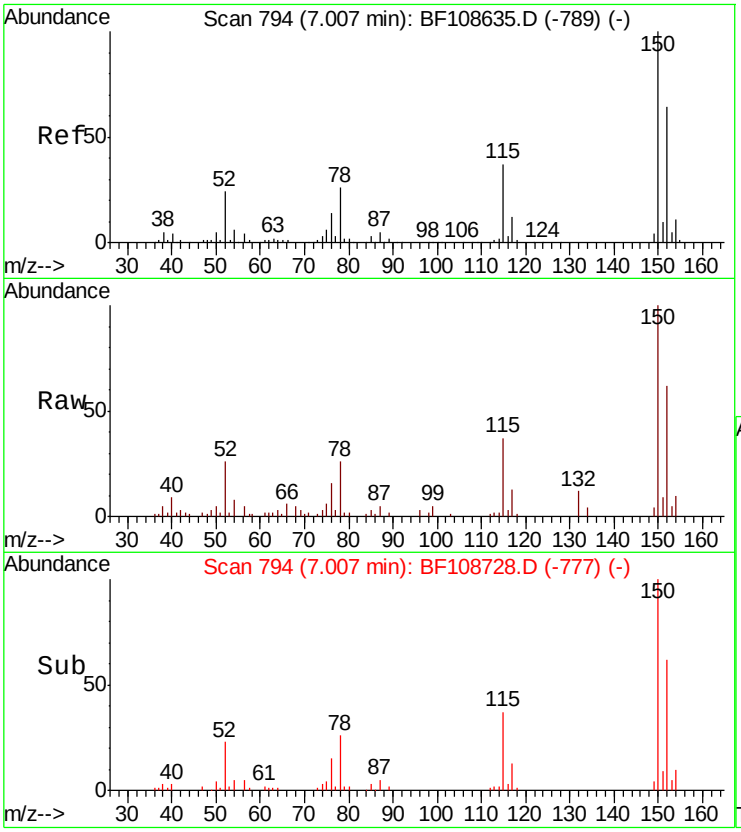


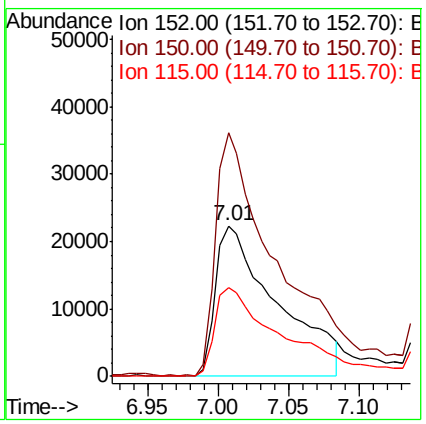


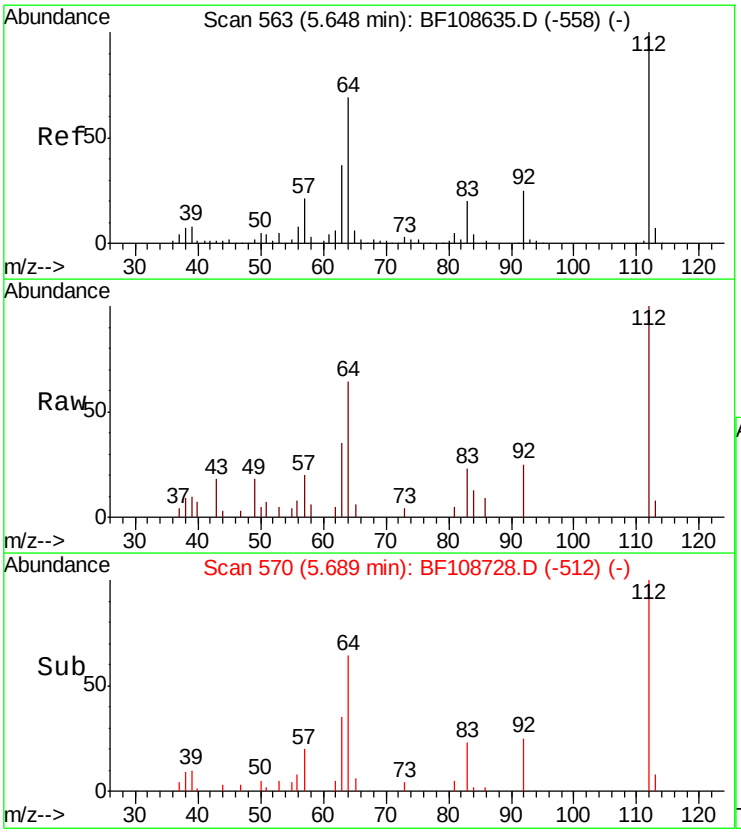
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 68042

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	59.2	50.1	75.1

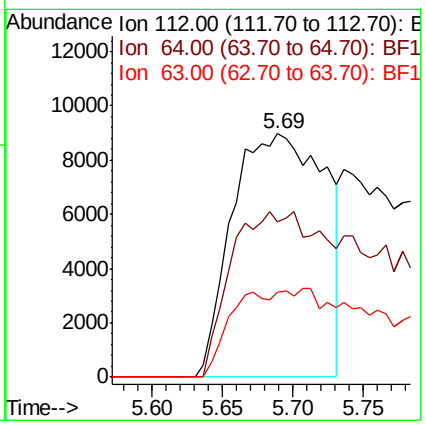


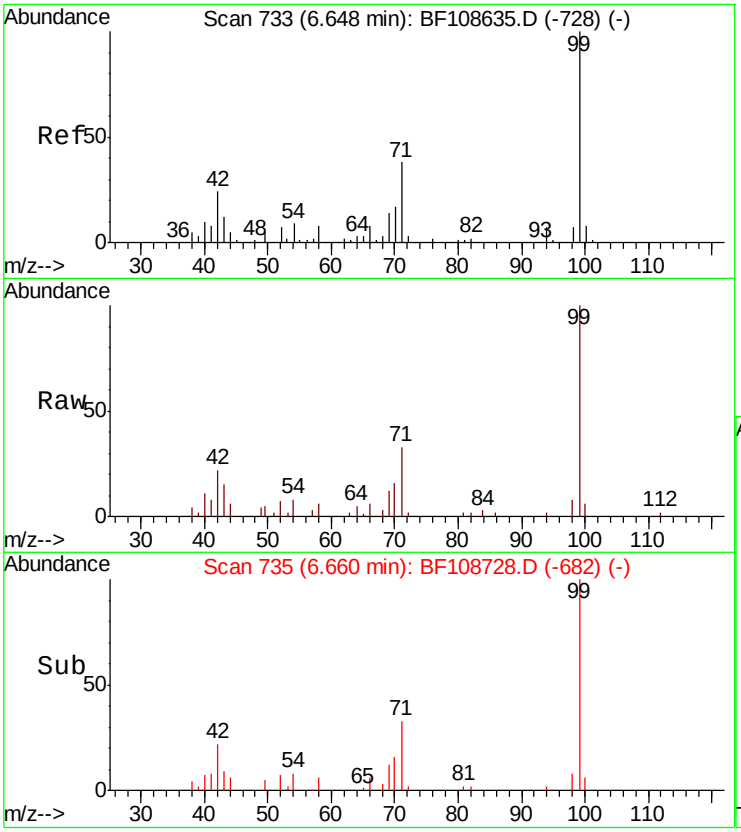


#5
2-Fluorophenol
Concen: 10.492 ng
RT: 5.69 min Scan# 570
Delta R.T. 0.04 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:112 Resp: 41093

Ion	Ratio	Lower	Upper
112	100		
64	64.0	47.9	71.9
63	34.6	23.7	35.5



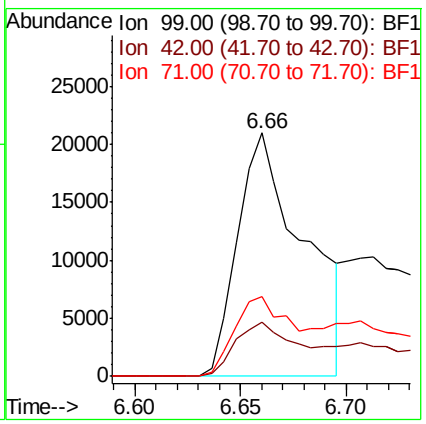


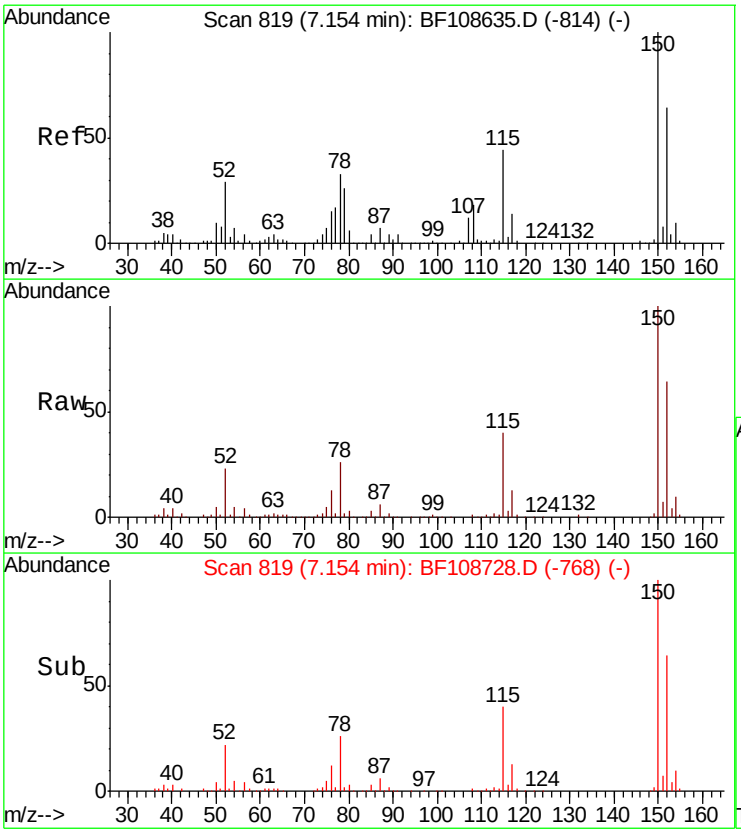
#7
Phenol-d6
Concen: 8.122 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 45564

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	32.8	25.4	38.0

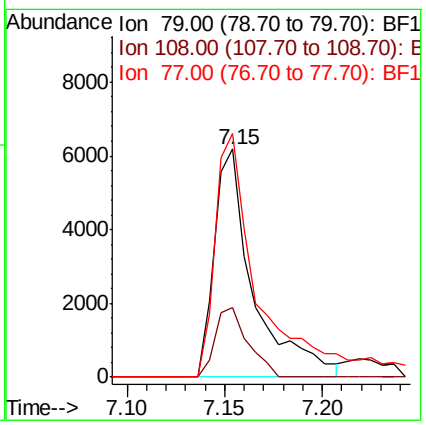


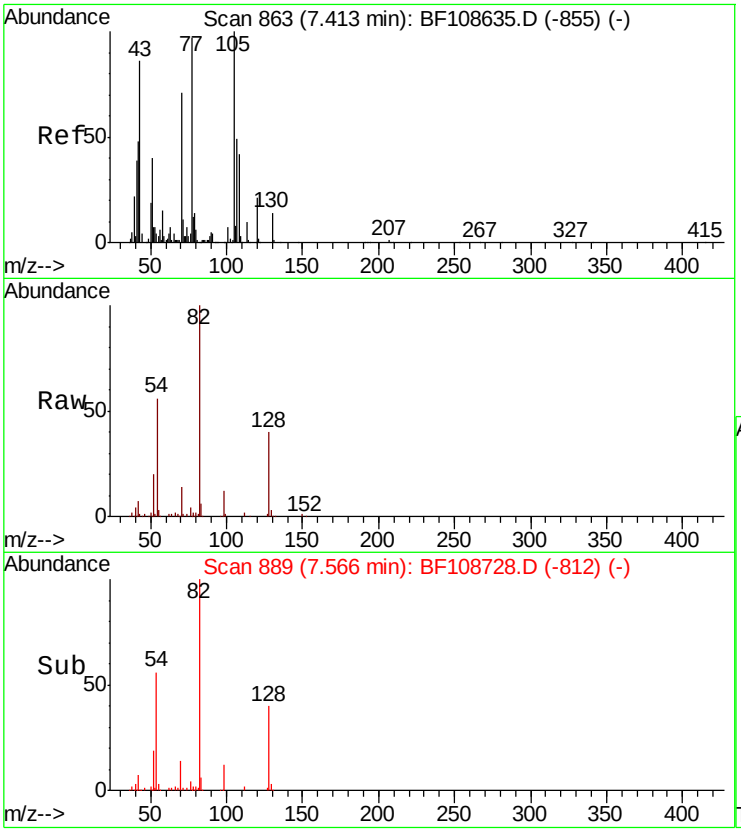


#15
Benzyl Alcohol
Concen: 2.130 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion: 79 Resp: 8596

Ion	Ratio	Lower	Upper
79	100		
108	30.4	65.1	97.7#
77	106.7	50.6	75.8#



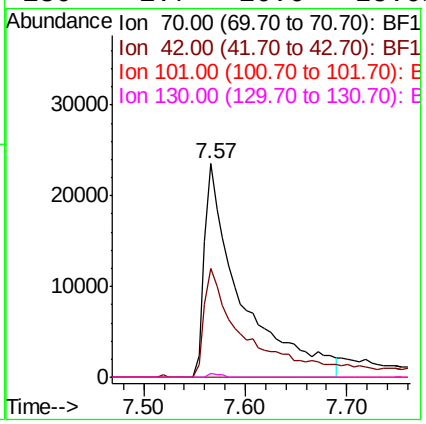


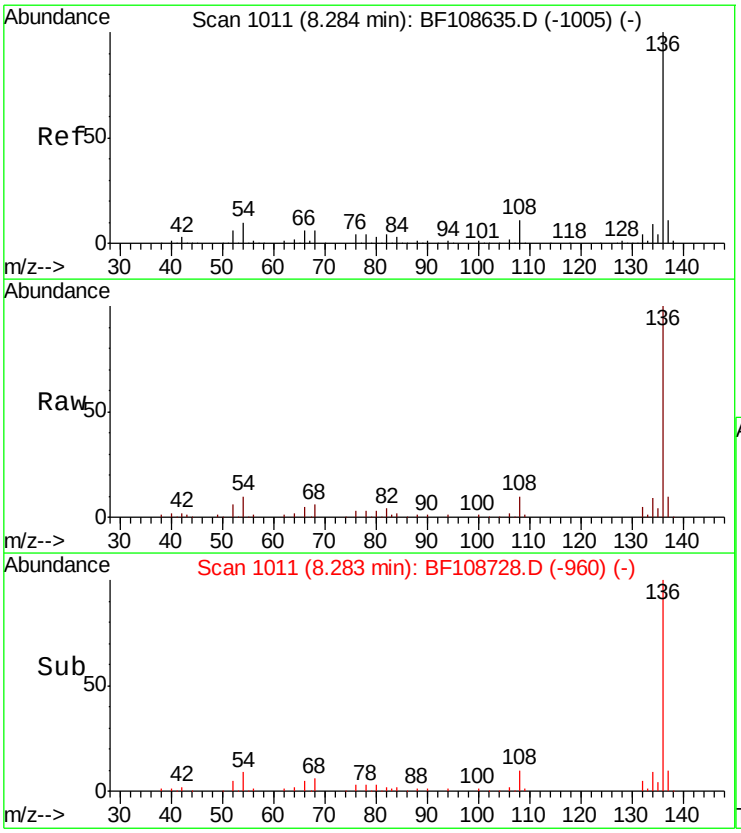
#19
n-Nitroso-di-n-propylamine
Concen: 15.911 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 59773

Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

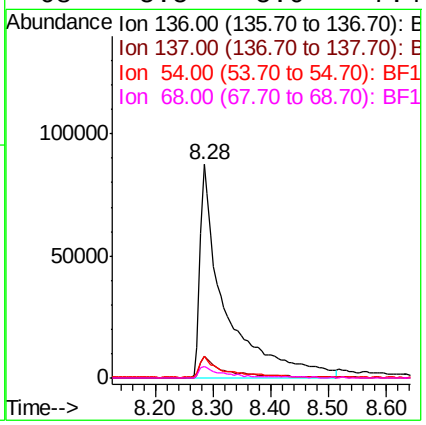


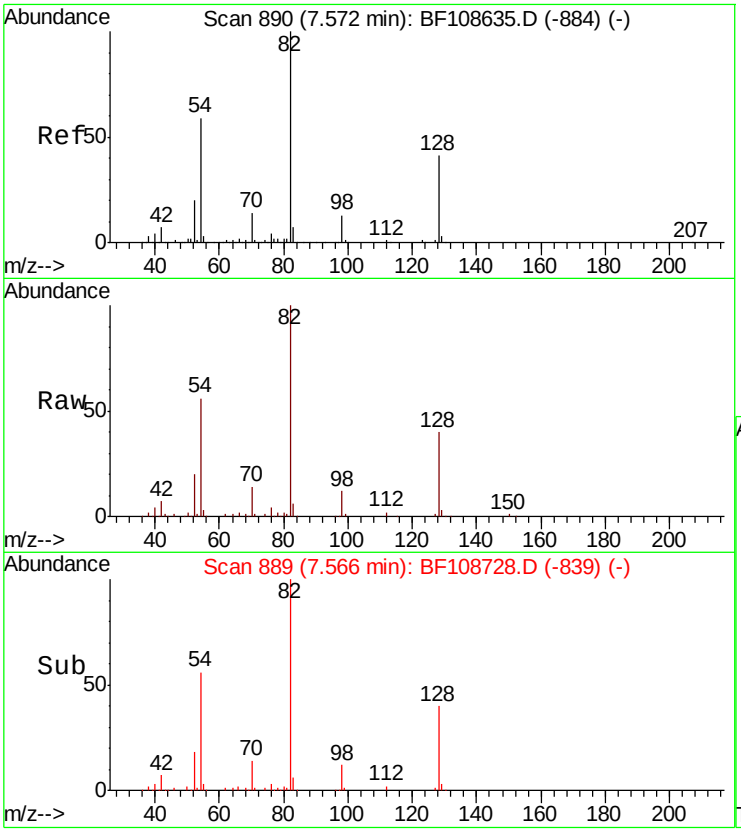


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:136 Resp: 266387

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.3	6.6	9.8#
68	5.5	5.0	7.4



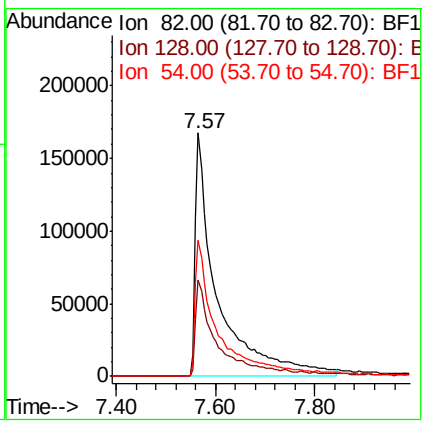


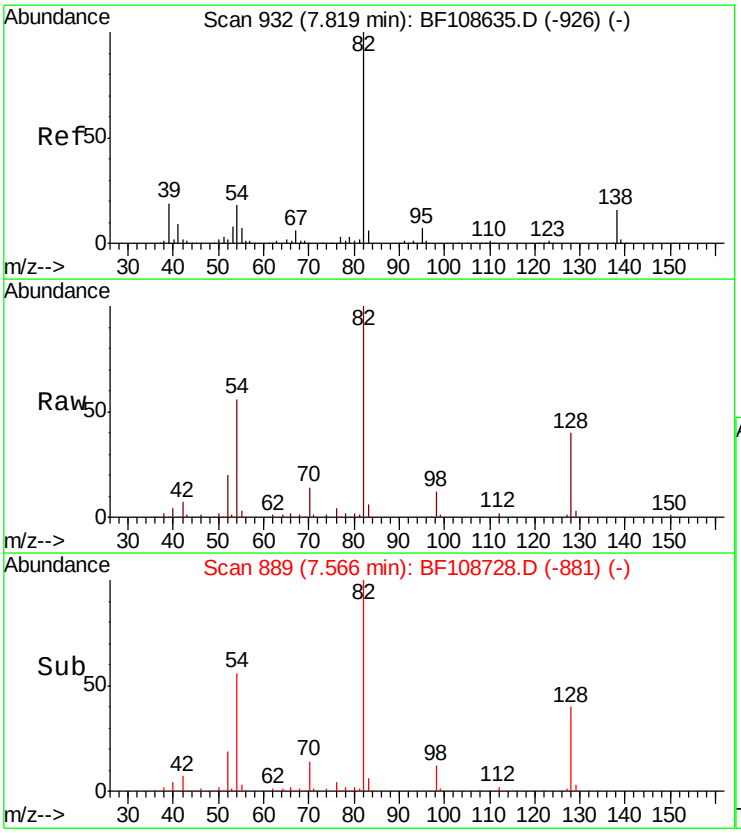
#23
Nitrobenzene-d5
Concen: 98.737 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 518182

Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	56.1	41.4	62.2

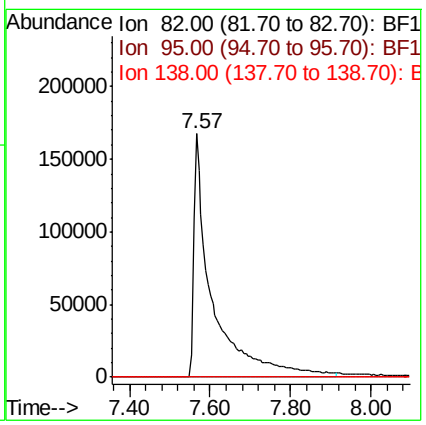


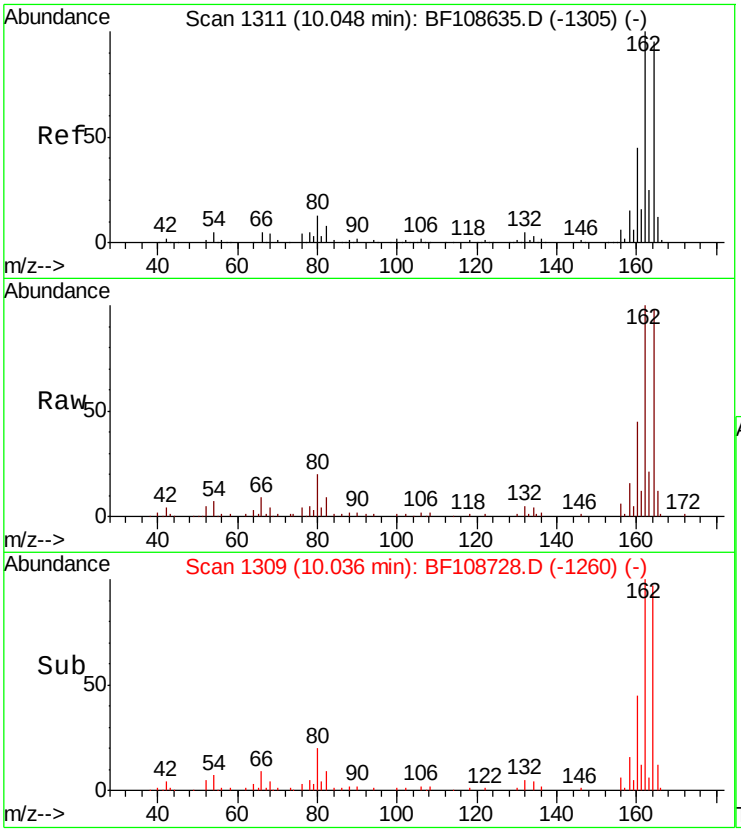


#25
Isophorone
Concen: 61.120 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion: 82 Resp: 532847

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



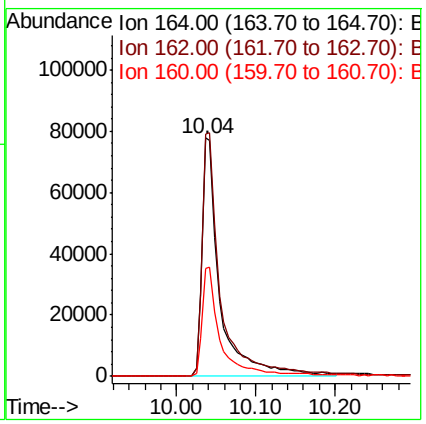


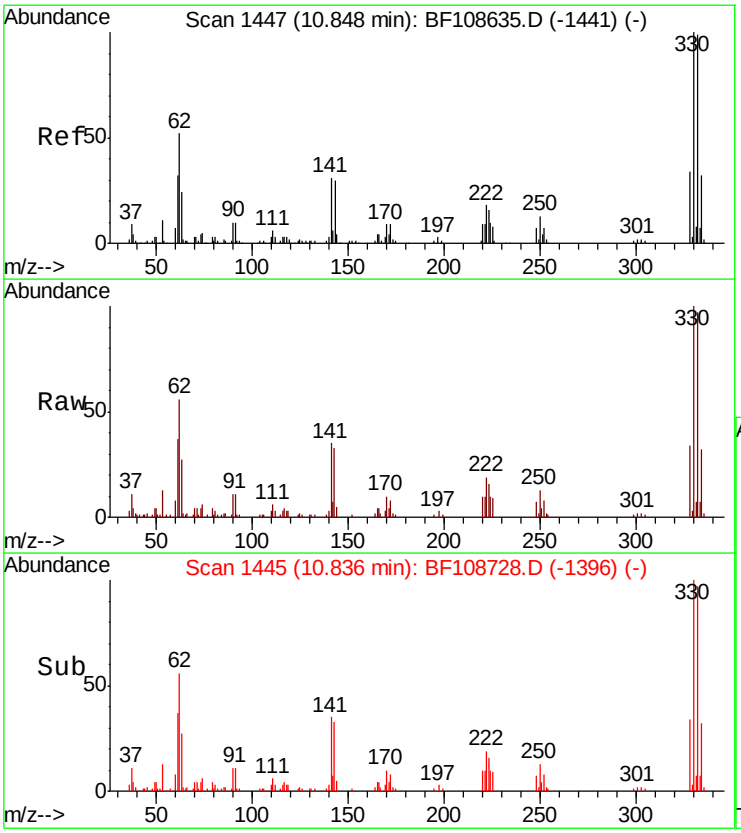
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 124951

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.4	38.3	57.5

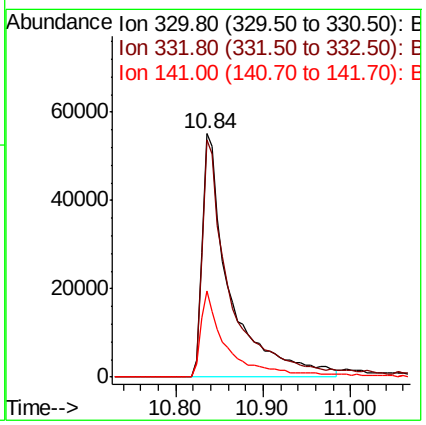


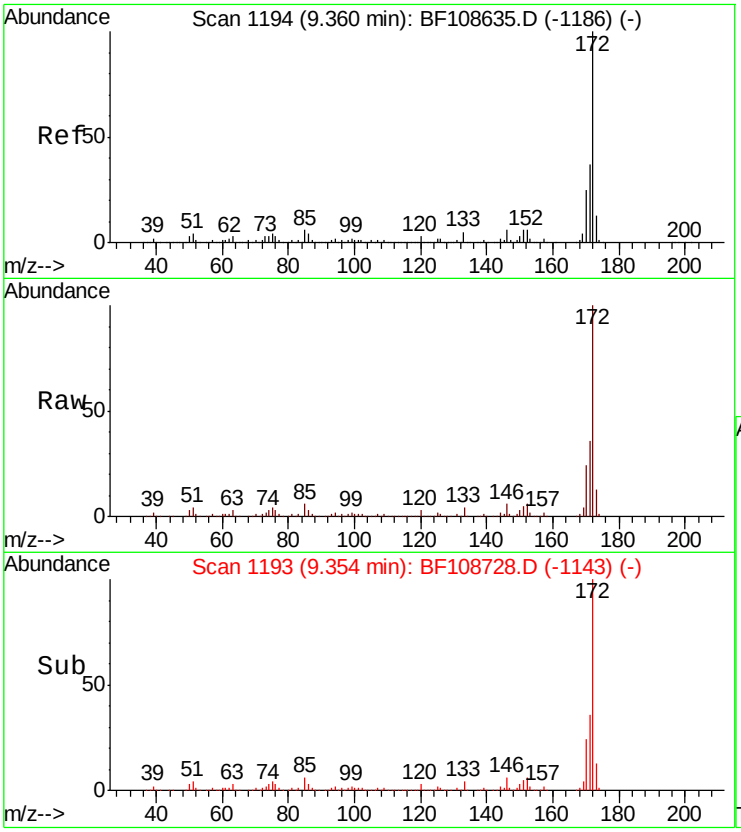


#41
2,4,6-Tribromophenol
Concen: 72.819 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:330 Resp: 120115

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	34.8	29.9	44.9



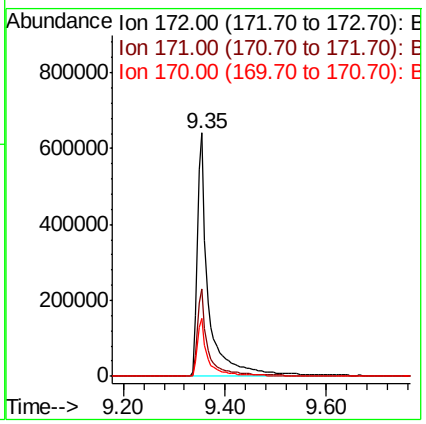


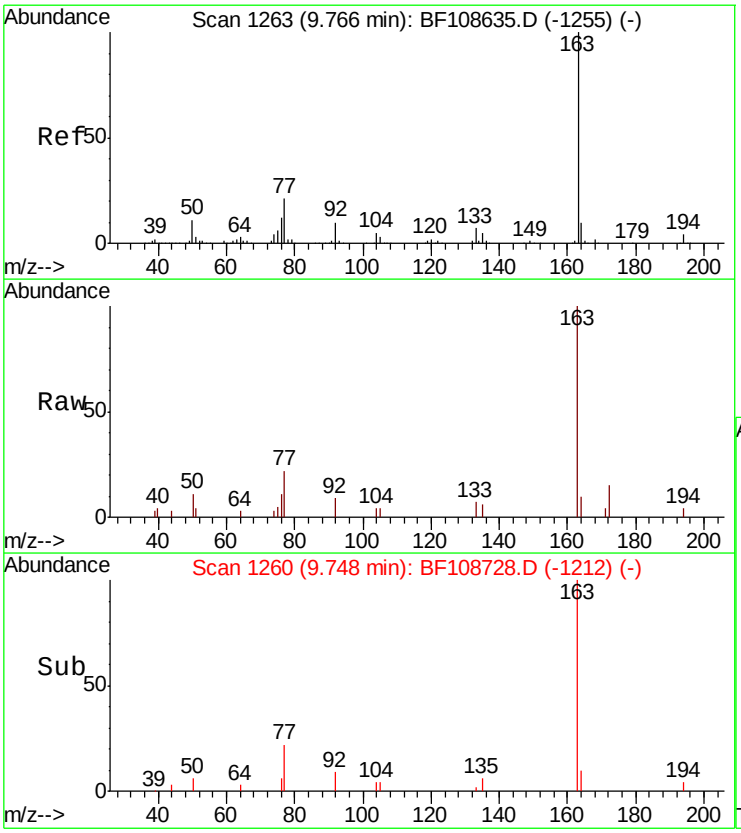
#44
2-Fluorobiphenyl
Concen: 107.622 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1000129

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

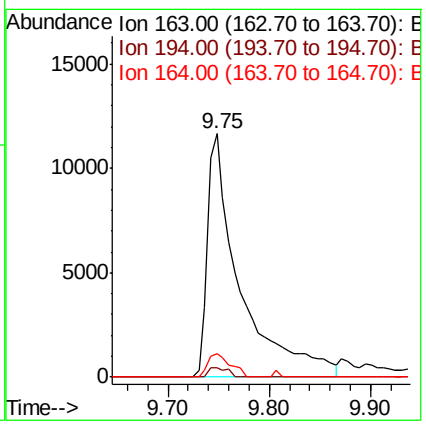


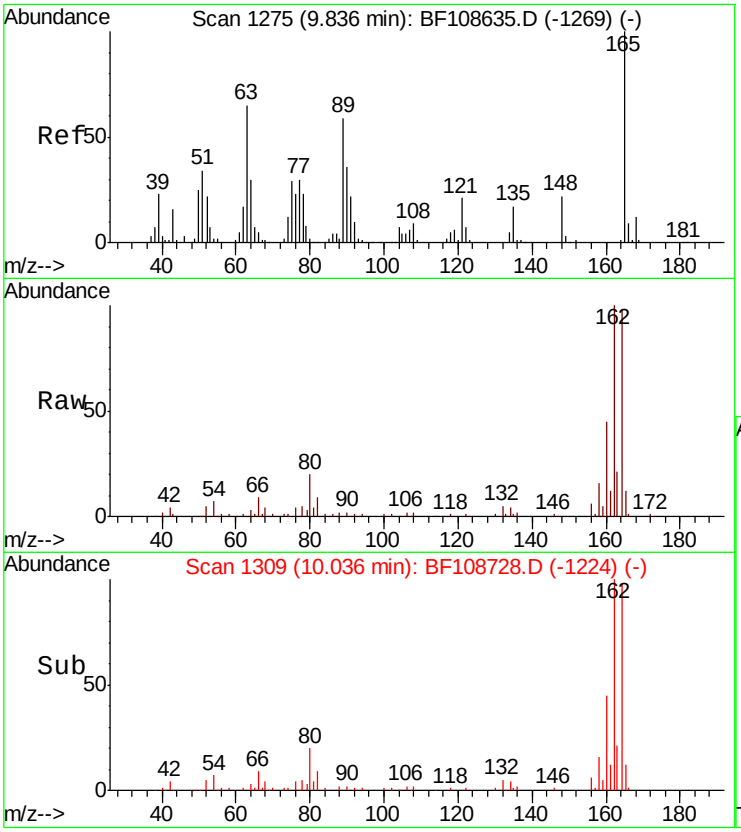


#49
Dimethylphthalate
Concen: 2.633 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:163 Resp: 25911

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.8	8.2	12.2



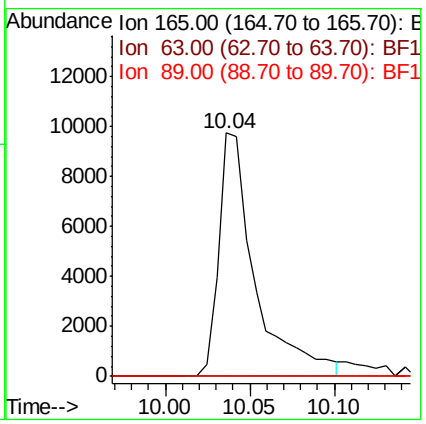


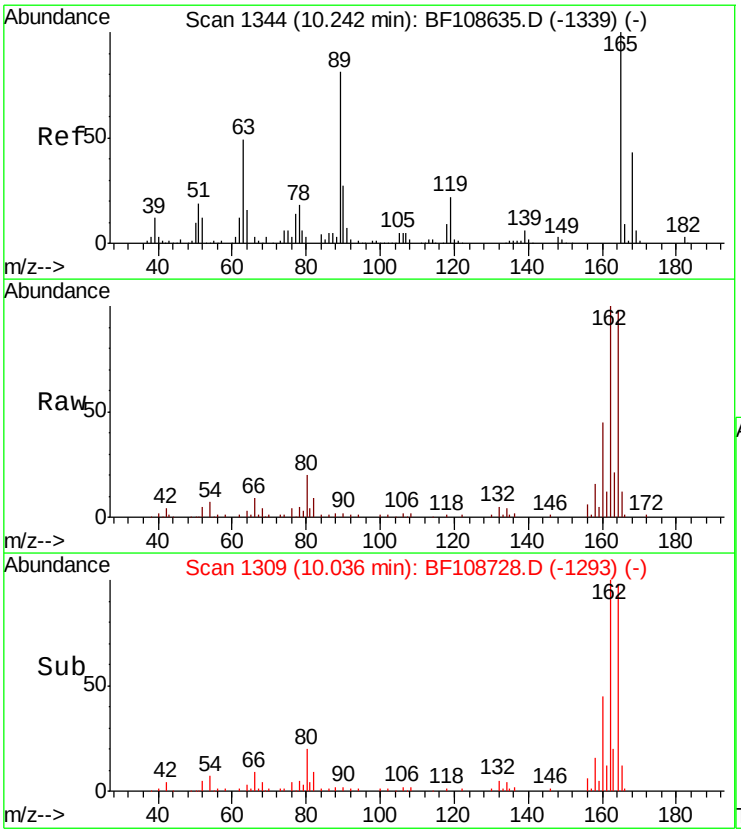
#50
2,6-Dinitrotoluene
Concen: 6.721 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14576

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

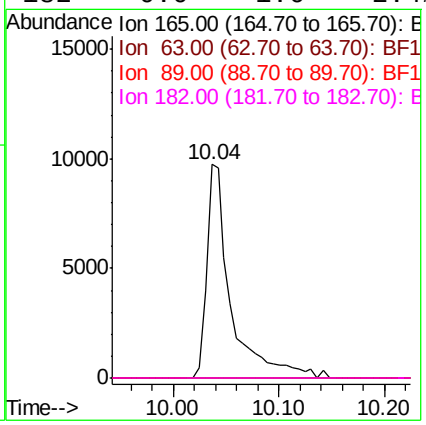


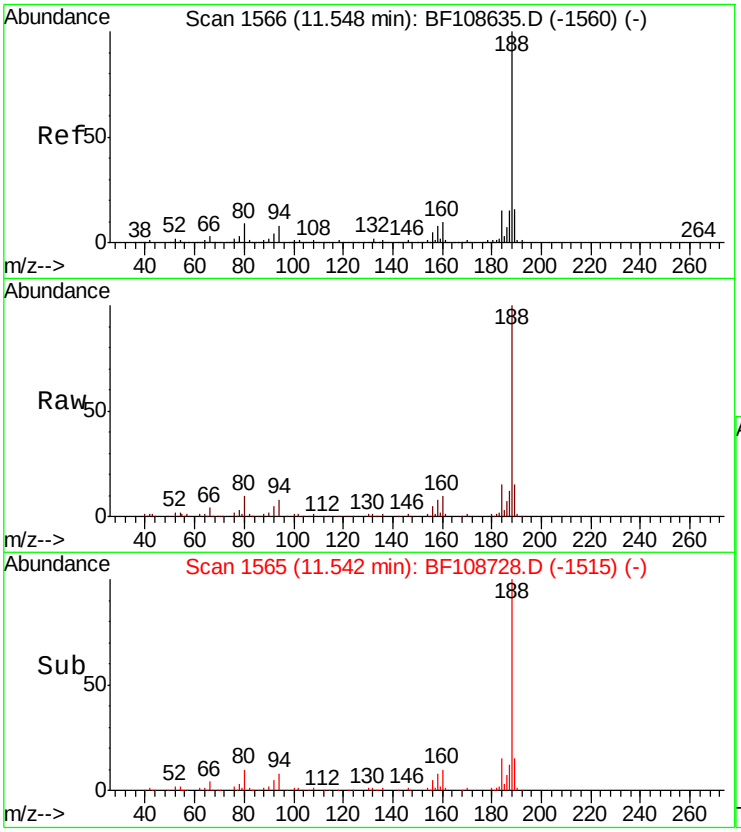


#56
2,4-Dinitrotoluene
Concen: 5.388 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:165 Resp: 15474

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#



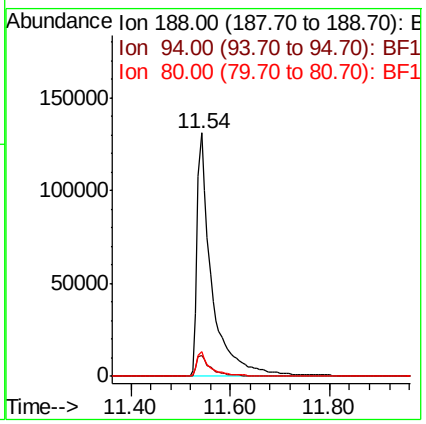


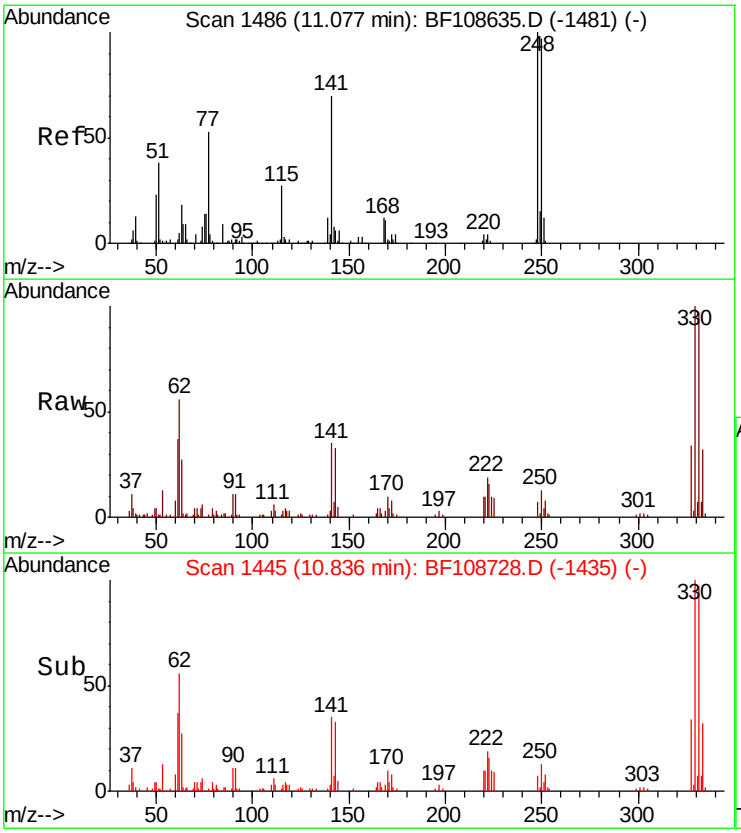
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 269128

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	10.0	9.2	13.8

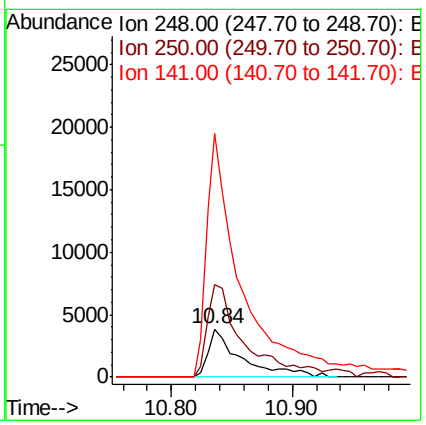


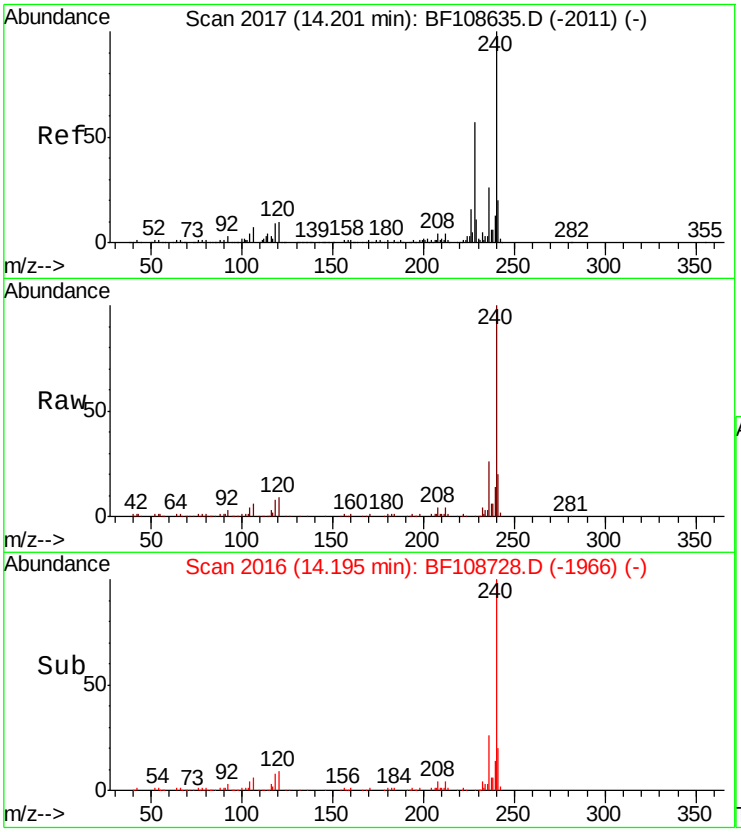


#66
4-Bromophenyl-phenylether
Concen: 2.191 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:248 Resp: 7247

Ion	Ratio	Lower	Upper
248	100		
250	193.4	76.9	115.3#
141	506.4	74.4	111.6#



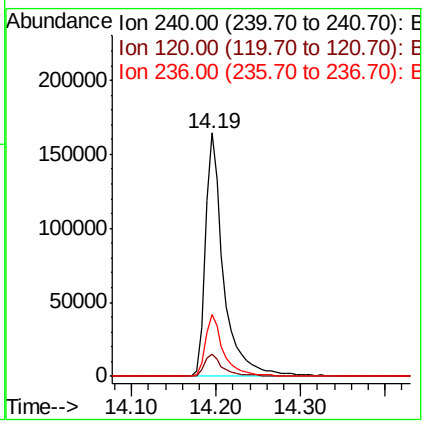


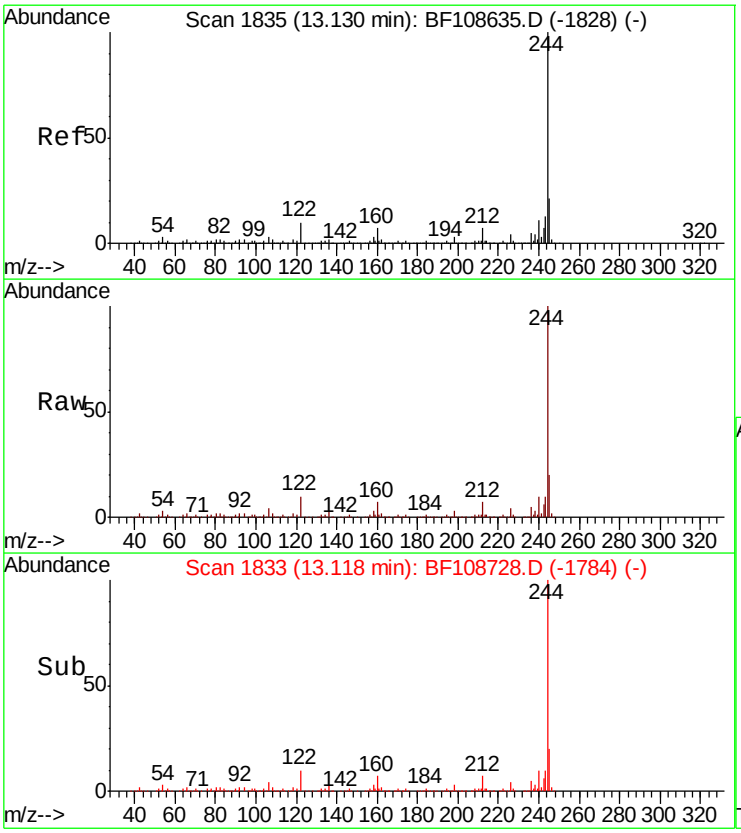
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 247280

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.5	20.7	31.1

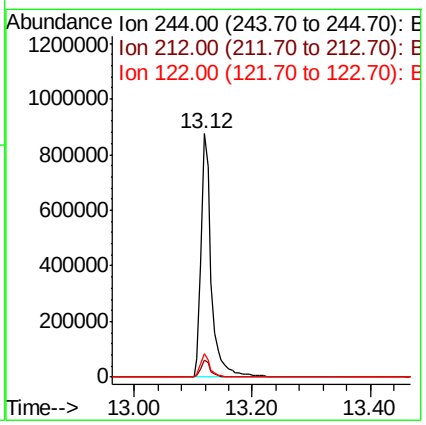


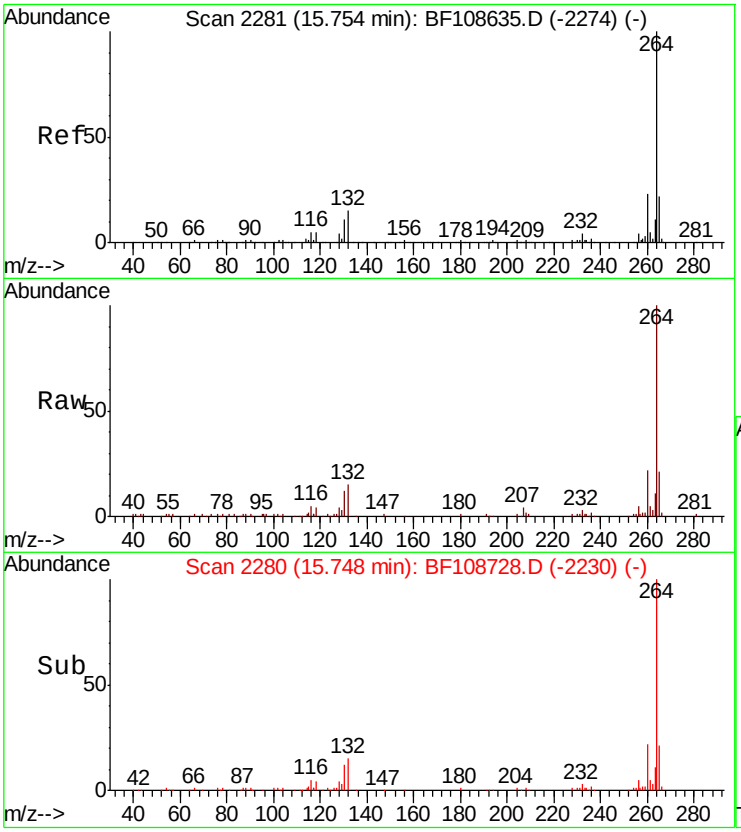


#78
Terphenyl-d14
Concen: 82.560 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108728.D
Acq: 1 Sep 2018 9:38

Tgt Ion:244 Resp: 1050741

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	9.8	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: BF108728.D
Acq: 1 Sep 2018 9:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 162655

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	21.1	17.5	26.3