Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108719.D
Acq On : 1 Sep 2018 5:34
Operator : JU/SJ
Sample : J4729-05
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 01 06:36:27 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	62333	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	236926	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	109773	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	225109	20.00	ng	0.00
75) Chrysene-d12	14.19	240	224736	20.00	ng	0.00
86) Perylene-d12	15.75	264	159227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	64533	17.99	ng	0.03
7) Phenol-d6	6.66	99	111524	21.70	ng	0.01
23) Nitrobenzene-d5	7.57	82	501240	107.38	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	115780	79.90	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	925532	113.37	ng	0.00
78) Terphenyl-d14	13.12	244	976957	84.46	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.77	77	6670	2.100	ng	# 66
15) Benzyl Alcohol	7.15	79	8316	2.250	ng	# 41
19) n-Nitroso-di-n-propylamine	7.57	70	56660	16.464	ng	# 84
25) Isophorone	7.57	82	515963	66.543	ng	# 64
49) Dimethylphthalate	9.74	163	54931	6.355	ng	97
50) 2,6-Dinitrotoluene	10.04	165	12508	6.565	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	13382	5.304	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	6966	2.518	ng	# 1

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

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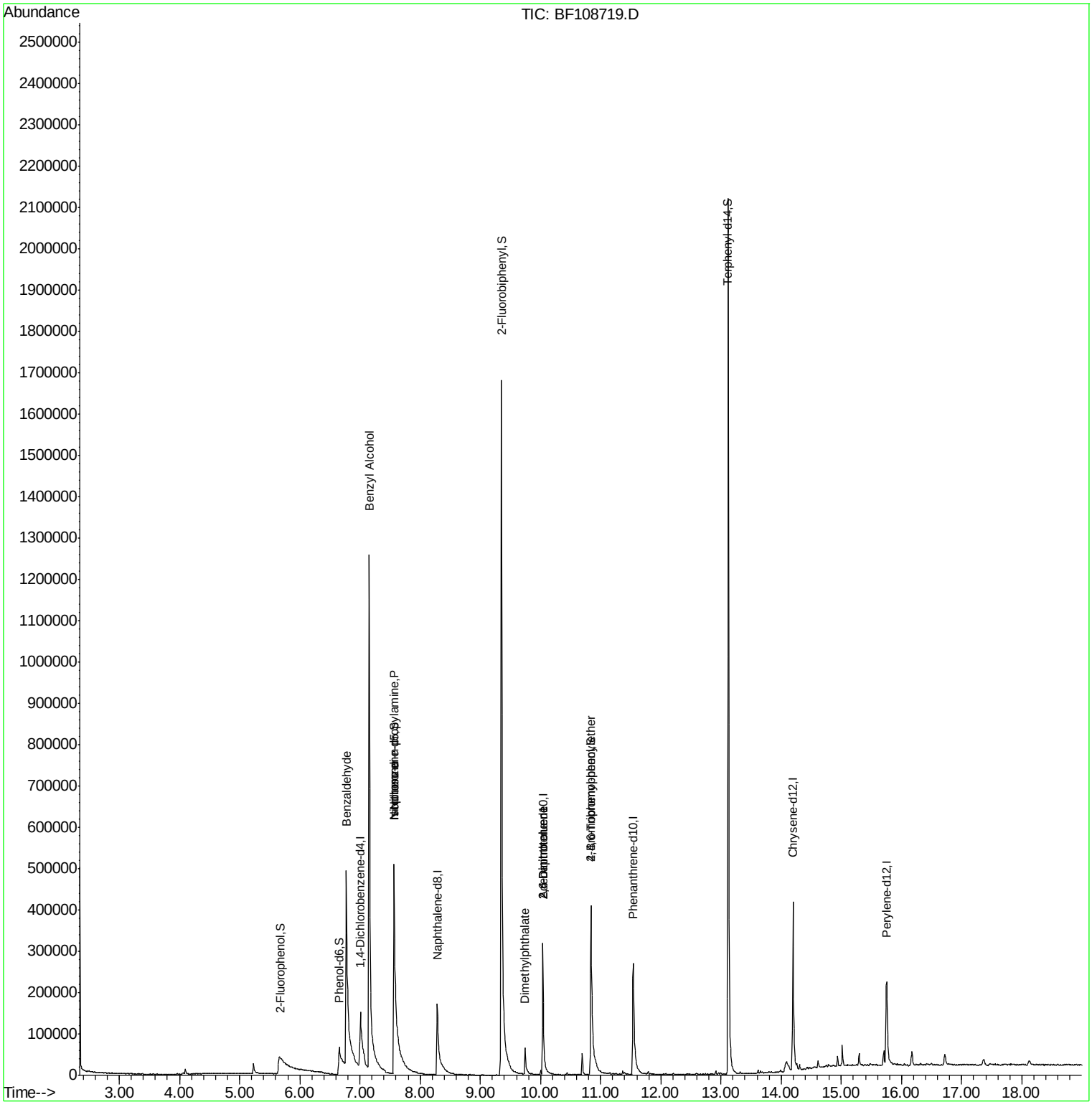
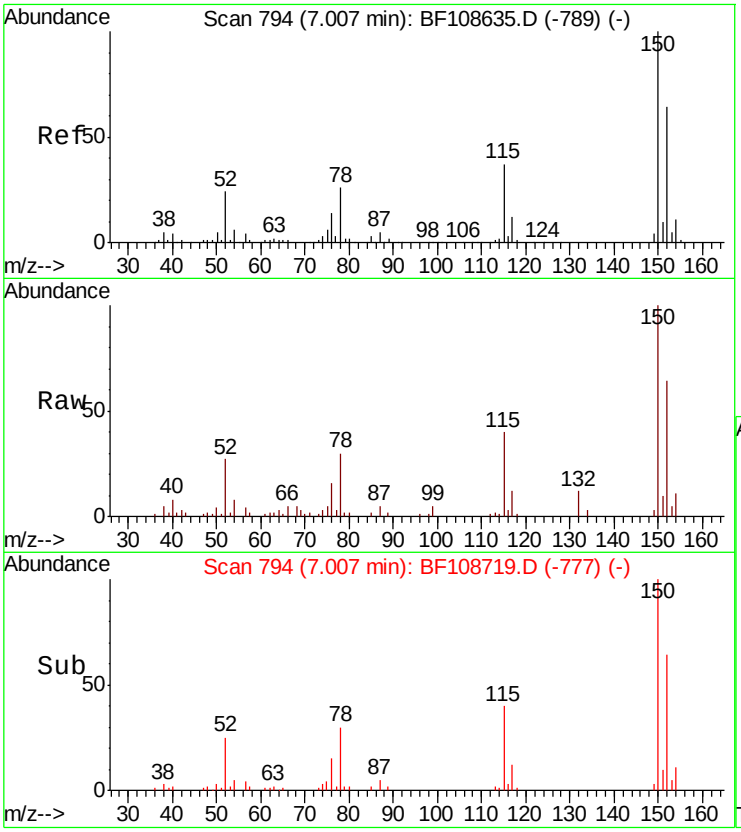


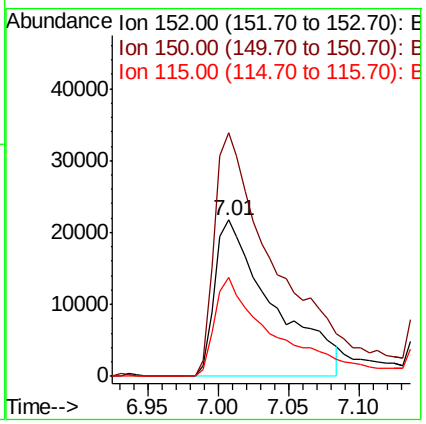


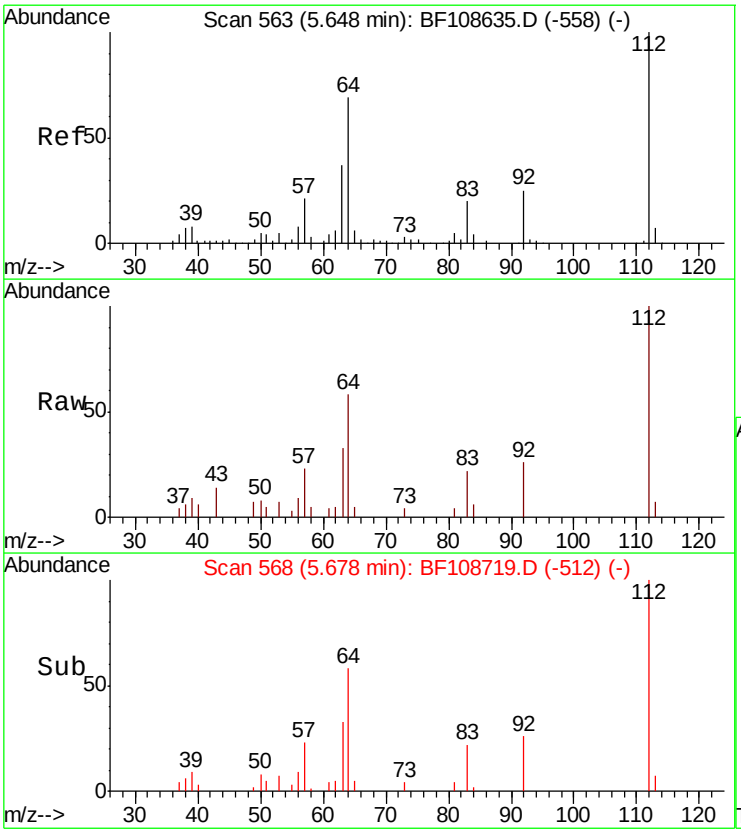
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 62333

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.9	50.1	75.1

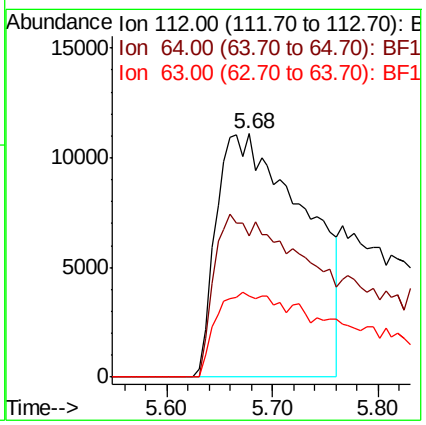


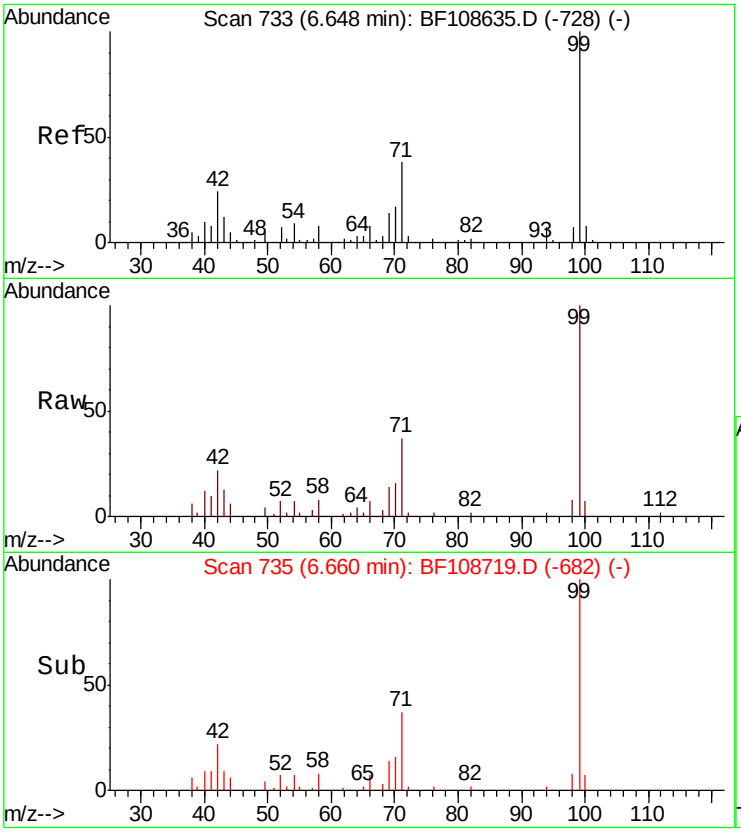


#5
2-Fluorophenol
Concen: 17.985 ng
RT: 5.68 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:112 Resp: 64533

Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	33.4	23.7	35.5



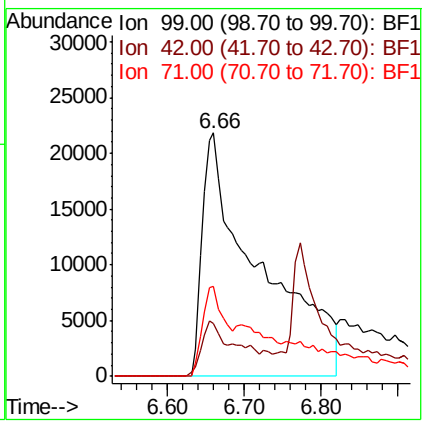


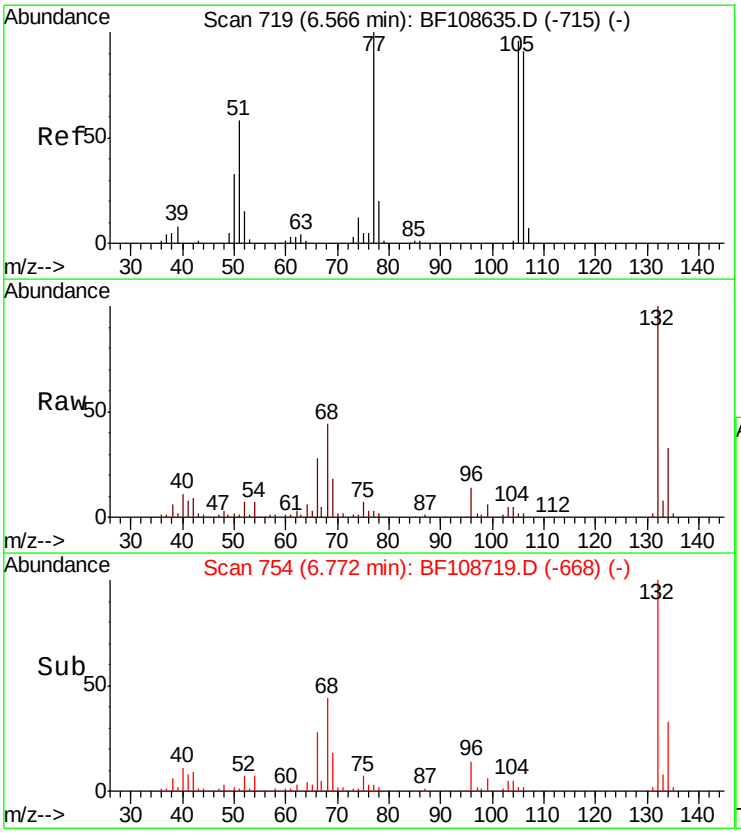
#7
Phenol-d6
Concen: 21.701 ng
RT: 6.66 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 111524

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	36.8	25.4	38.0

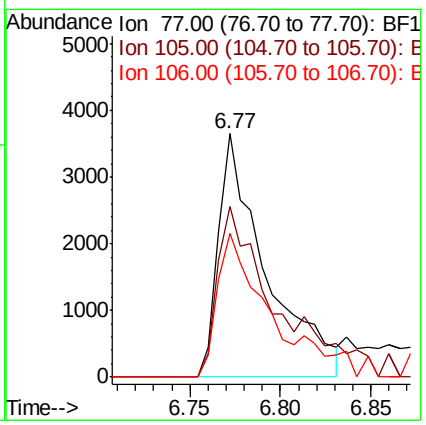


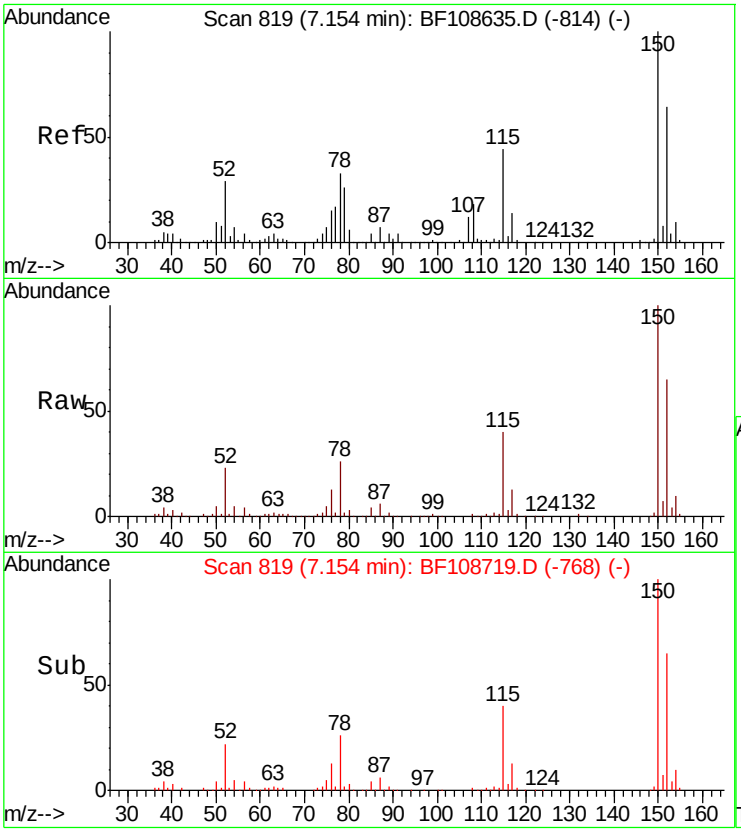


#9
Benzaldehyde
Concen: 2.100 ng
RT: 6.77 min Scan# 754
Delta R.T. 0.21 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion: 77 Resp: 6670

Ion	Ratio	Lower	Upper
77	100		
105	69.9	81.1	121.1#
106	59.0	74.5	114.5#



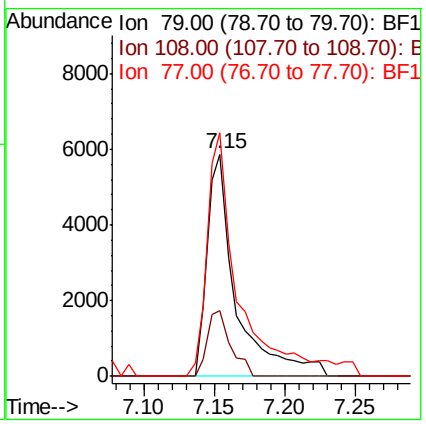


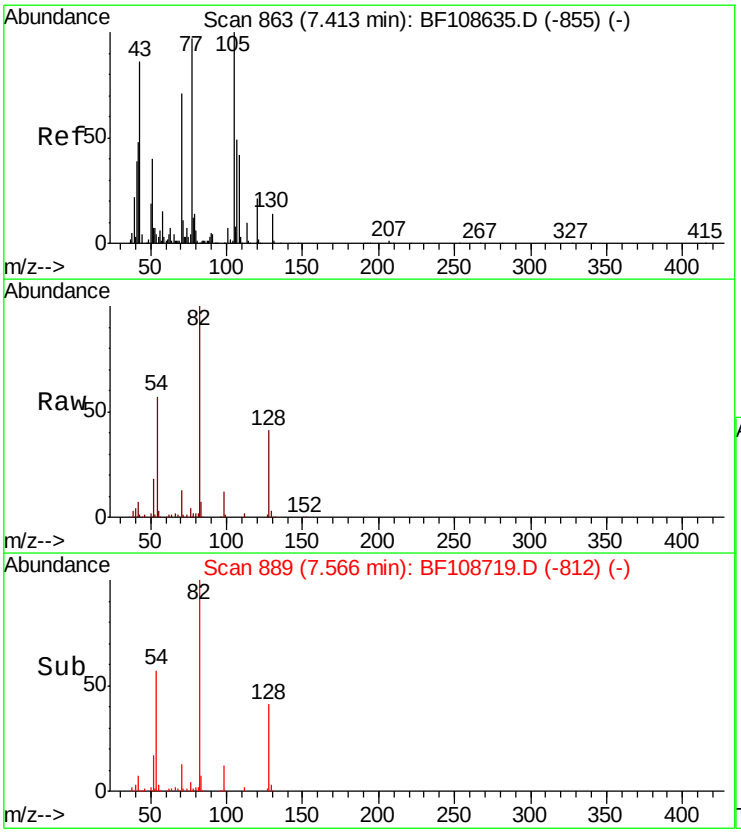
#15
Benzyl Alcohol
Concen: 2.250 ng
RT: 7.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 8316

Ion	Ratio	Lower	Upper
79	100		
108	29.4	65.1	97.7#
77	109.8	50.6	75.8#

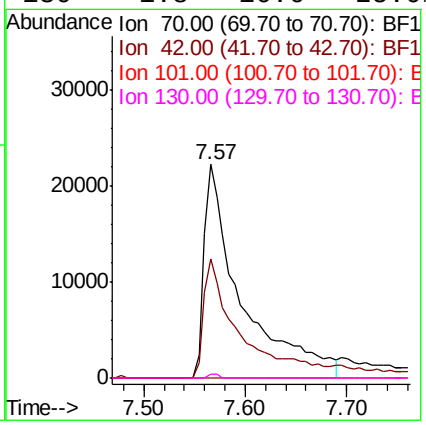


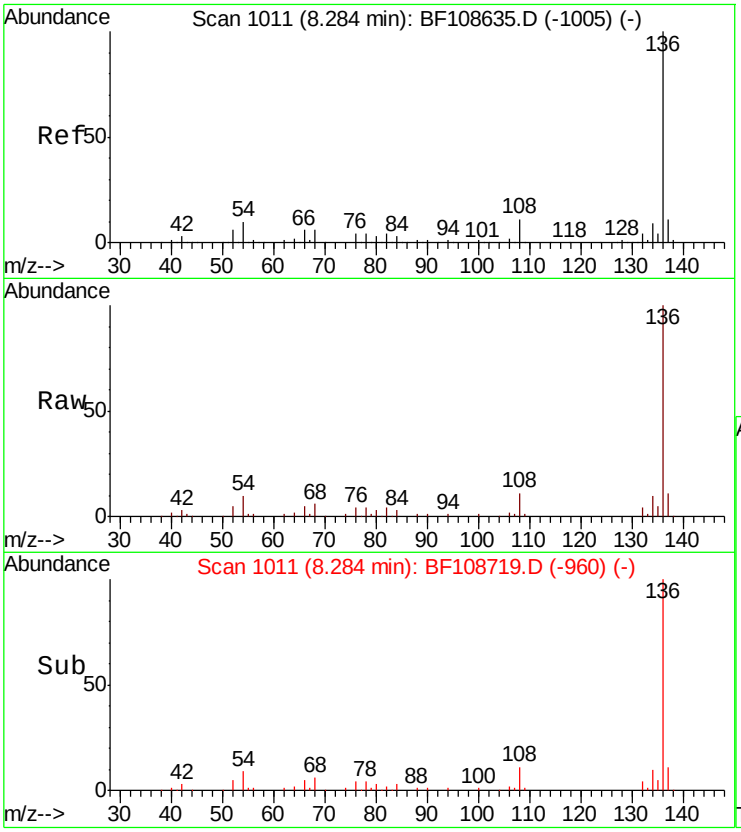


#19
n-Nitroso-di-n-propylamine
Concen: 16.464 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion: 70 Resp: 56660

Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



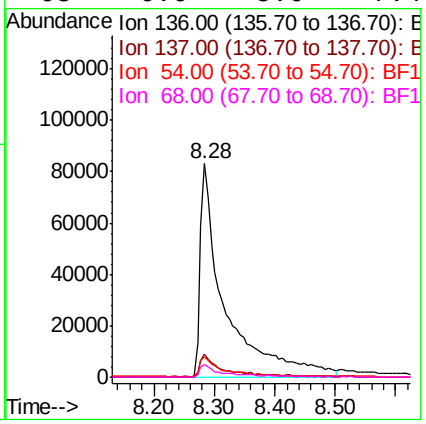


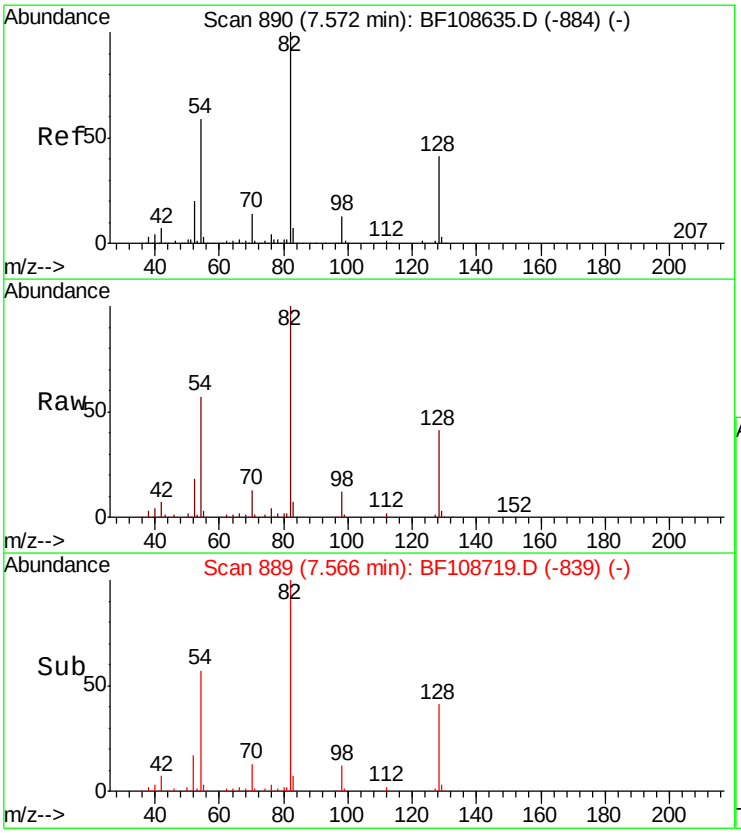
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 236926

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.6	6.6	9.8
68	6.0	5.0	7.4

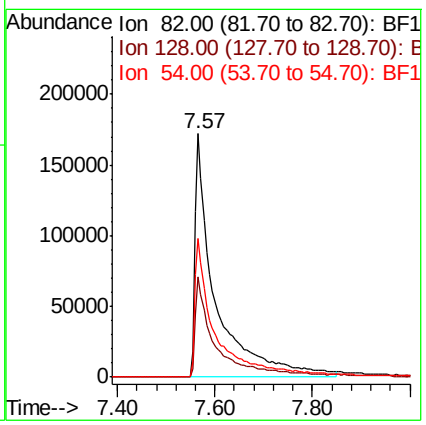


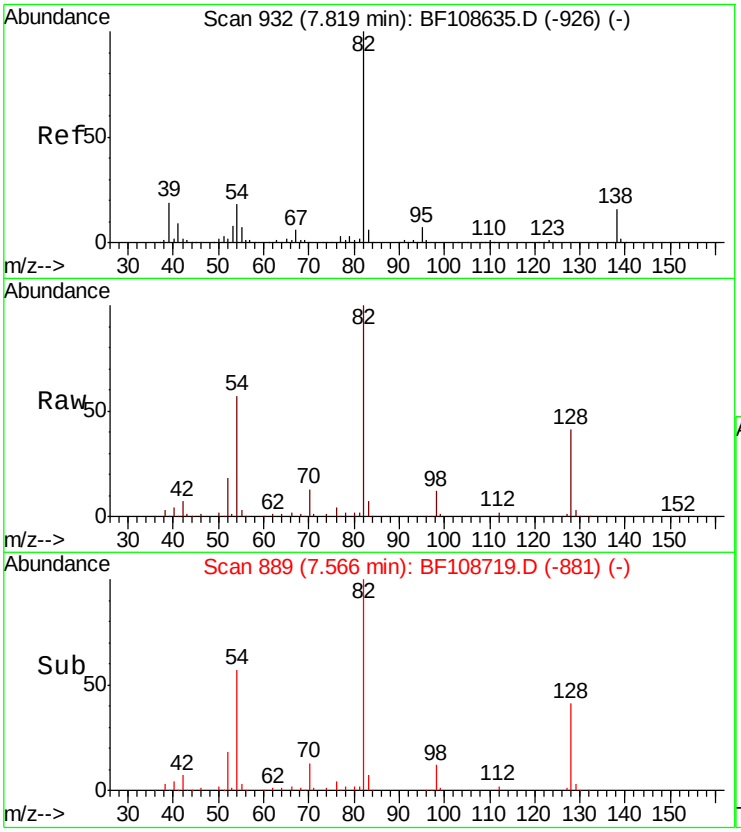


#23
Nitrobenzene-d5
Concen: 107.385 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion: 82 Resp: 501240

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.1	54.1
54	57.2	41.4	62.2



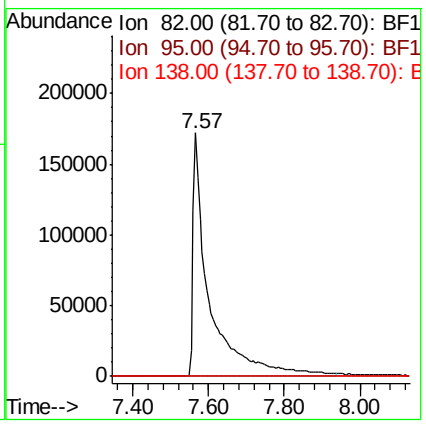


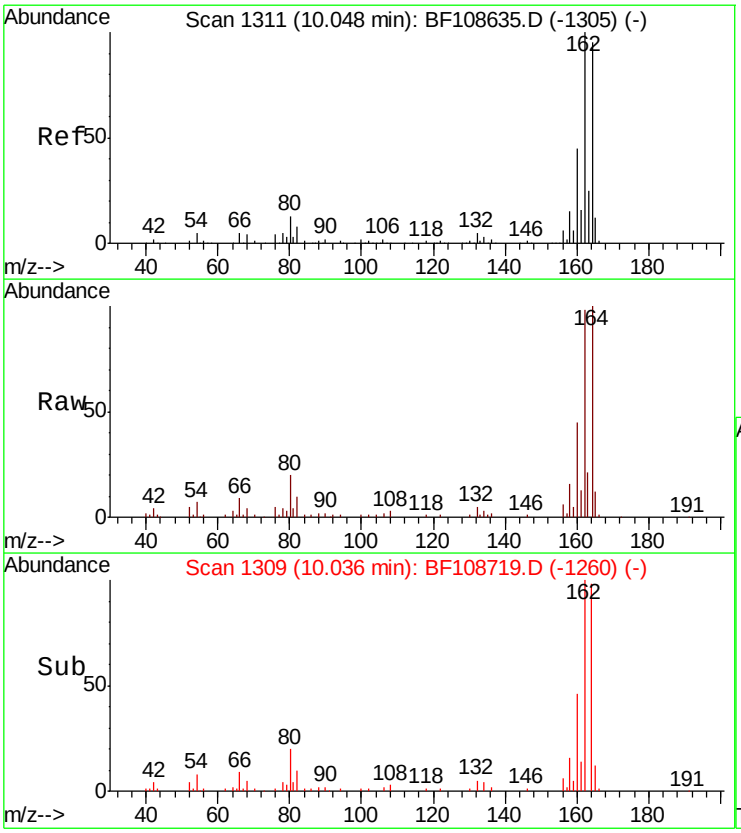
#25
Isophorone
Concen: 66.543 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 515963

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

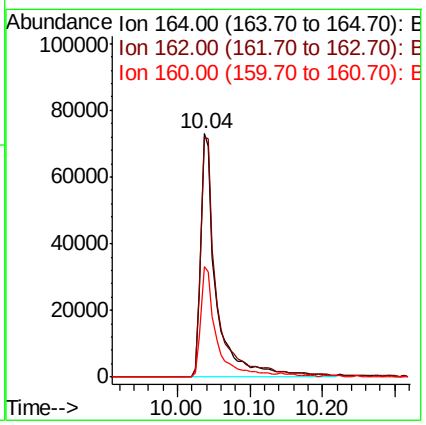


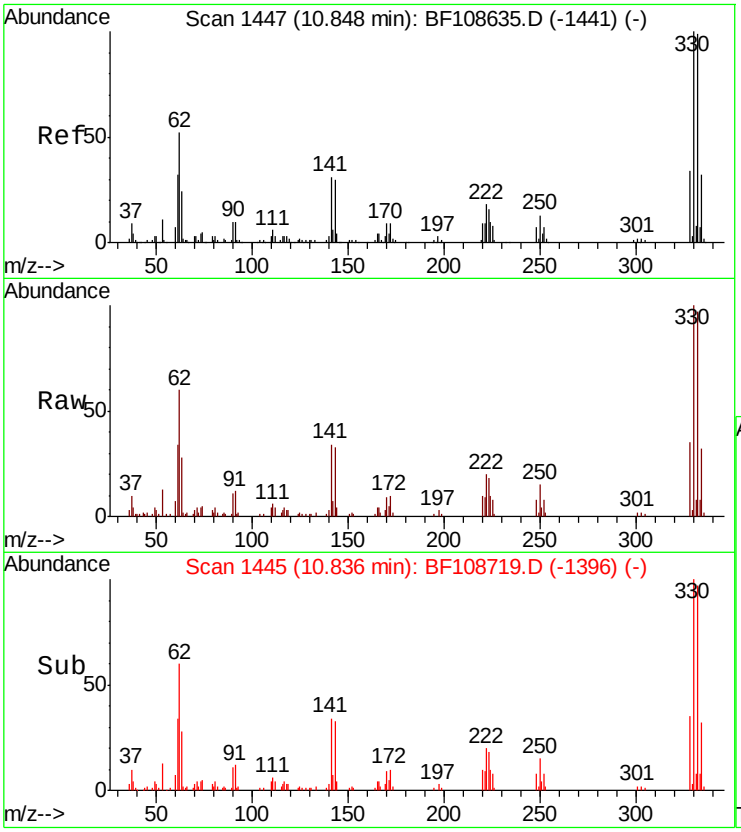


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:164 Resp: 109773

Ion	Ratio	Lower	Upper
164	100		
162	98.3	86.1	129.1
160	45.3	38.3	57.5



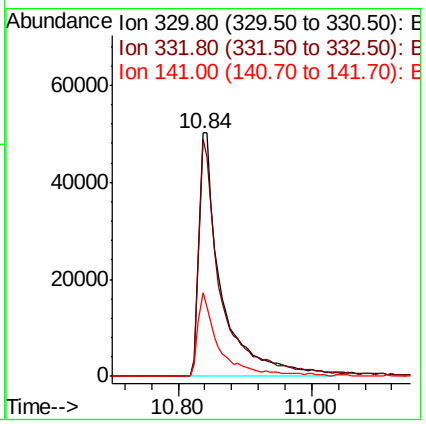


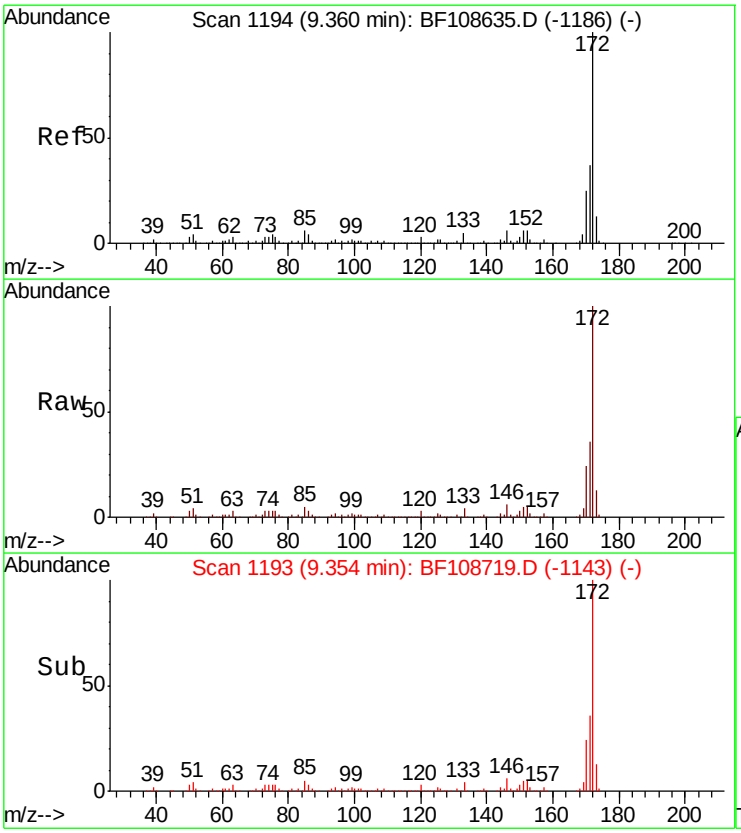
#41
2,4,6-Tribromophenol
Concen: 79.896 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 115780

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.0	29.9	44.9

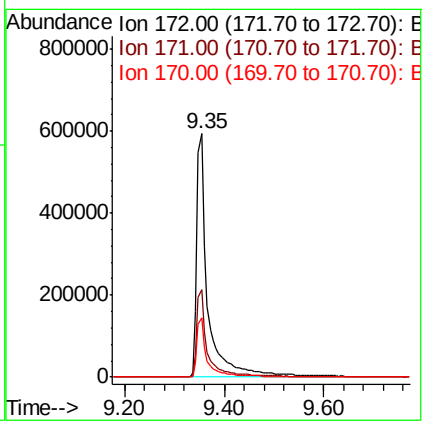


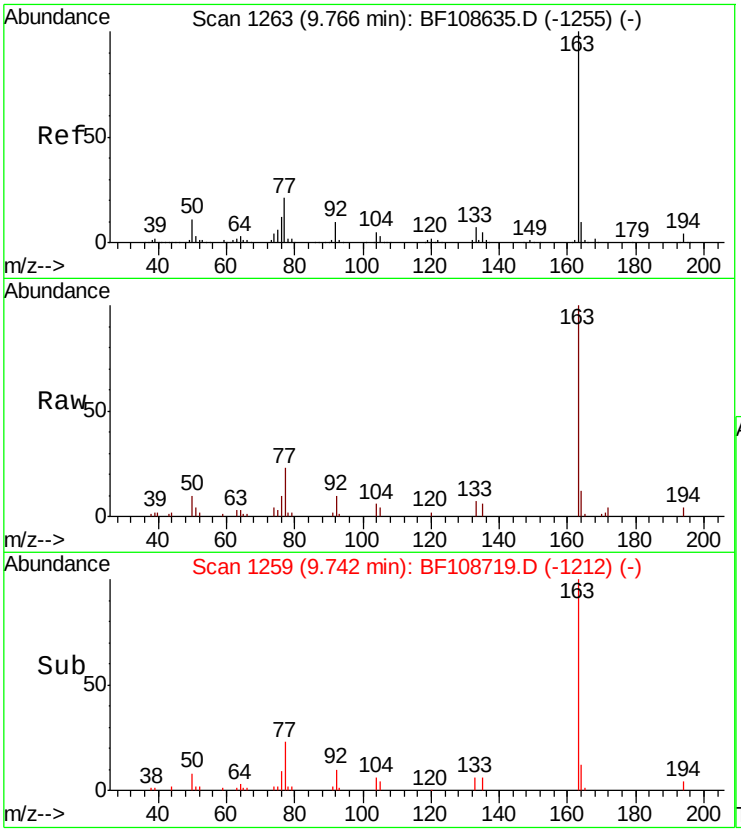


#44
2-Fluorobiphenyl
Concen: 113.366 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:172 Resp: 925532

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



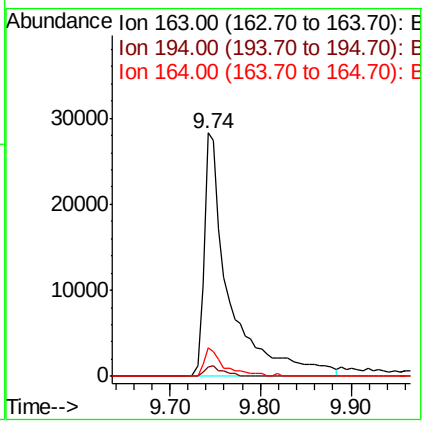


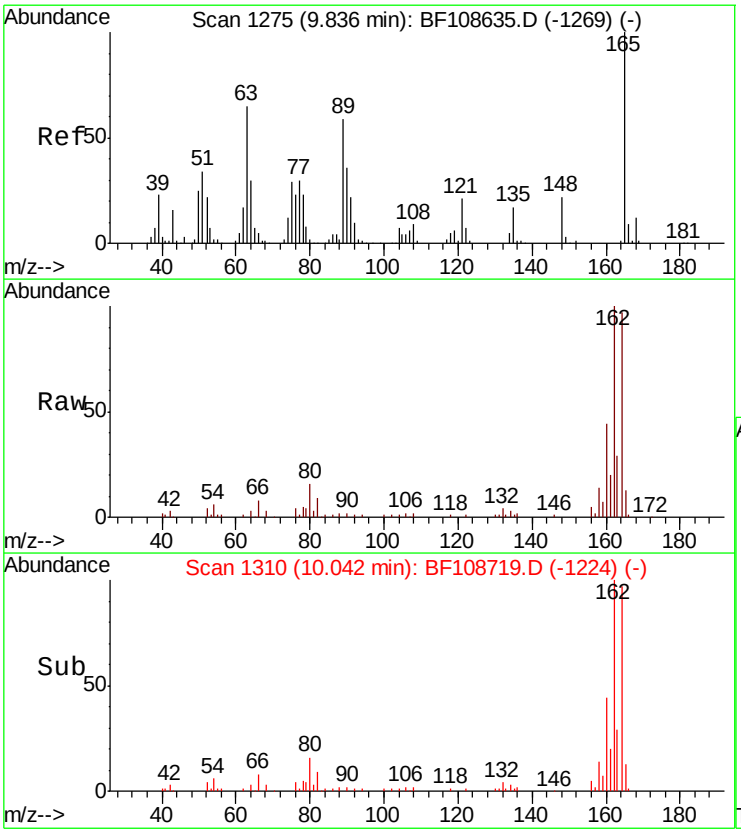
#49
Dimethylphthalate
Concen: 6.355 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54931

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.7	8.2	12.2

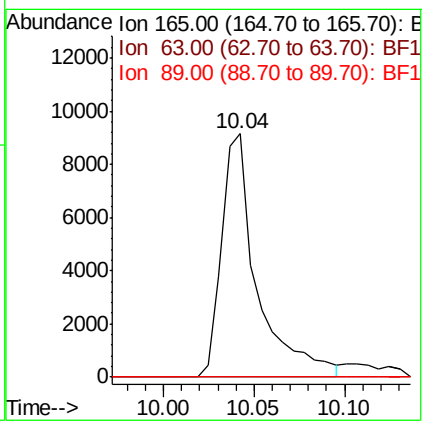


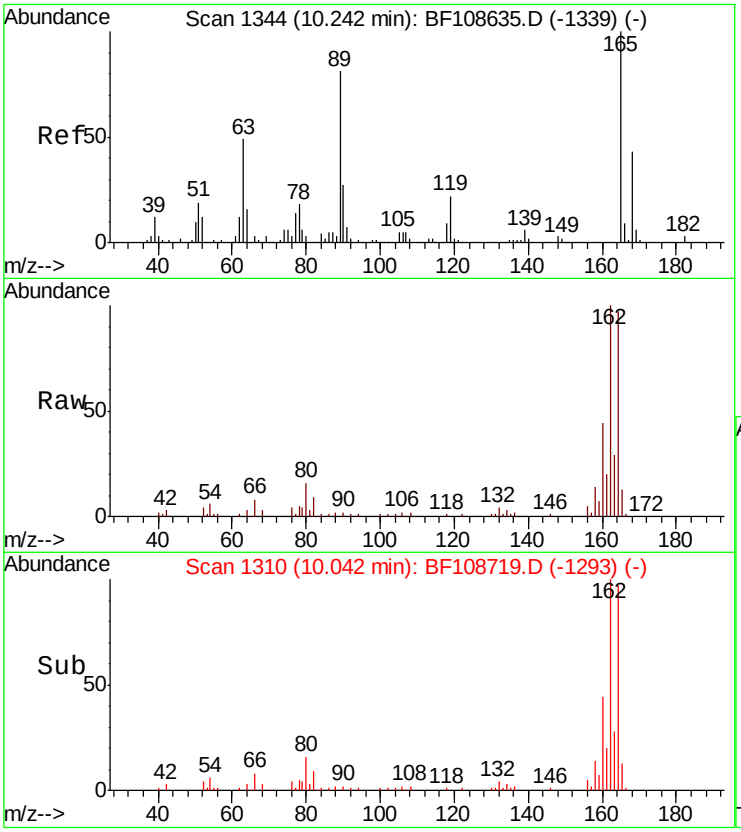


#50
2,6-Dinitrotoluene
Concen: 6.565 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:165 Resp: 12508

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



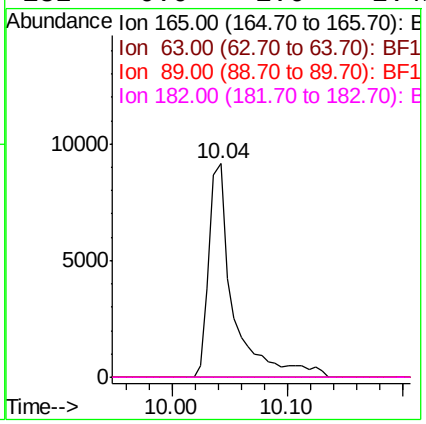


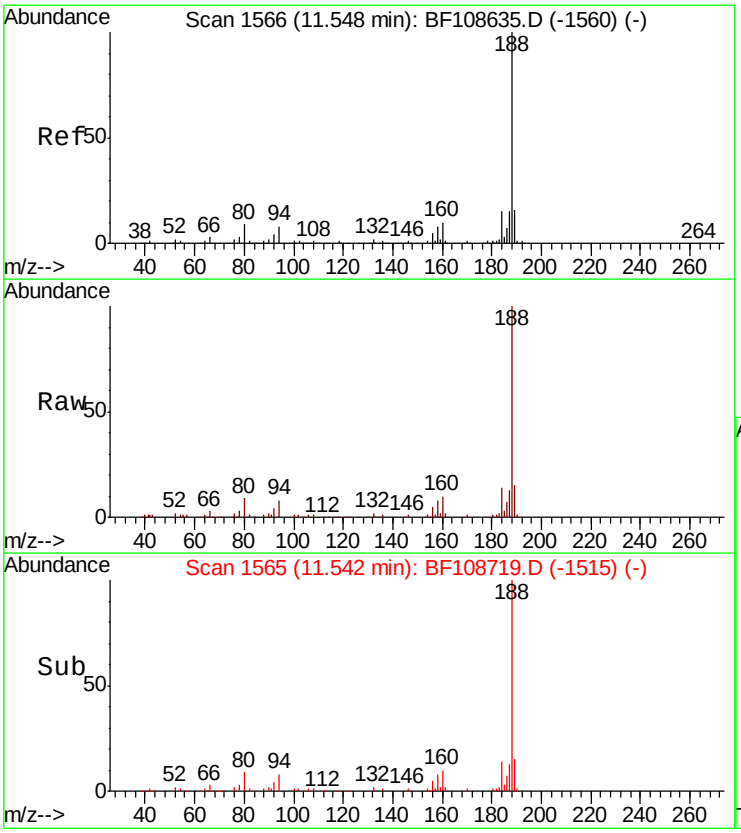
#56
2,4-Dinitrotoluene
Concen: 5.304 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13382

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#

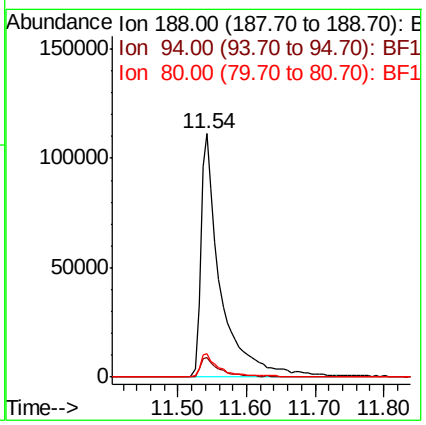


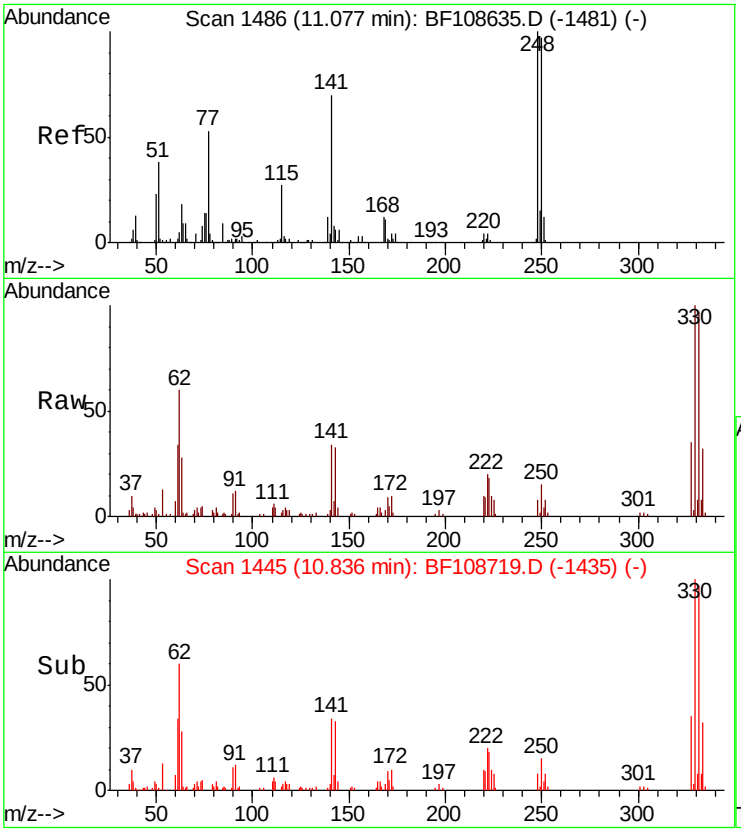


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:188 Resp: 225109

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	9.4	9.2	13.8



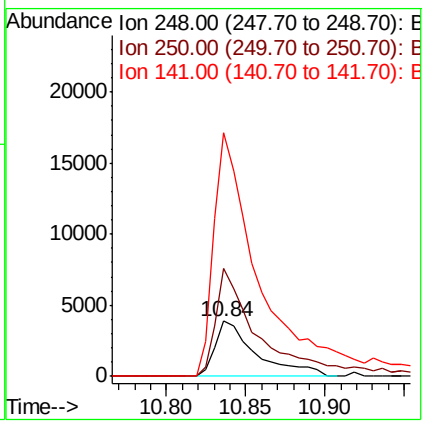


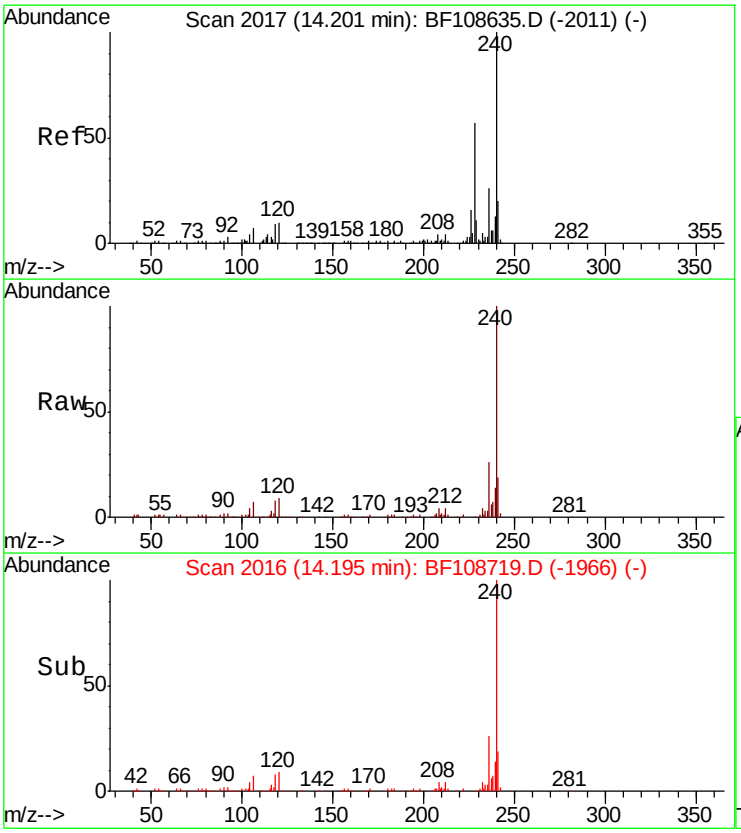
#66
4-Bromophenyl-phenylether
Concen: 2.518 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6966

Ion	Ratio	Lower	Upper
248	100		
250	195.9	76.9	115.3#
141	444.0	74.4	111.6#

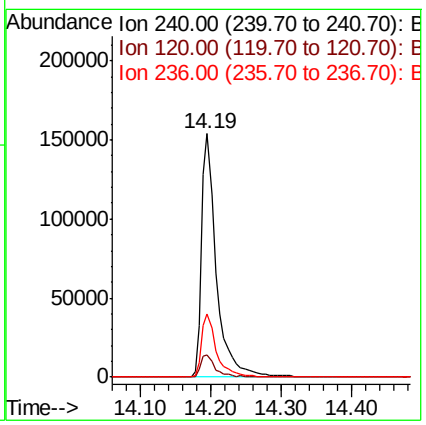


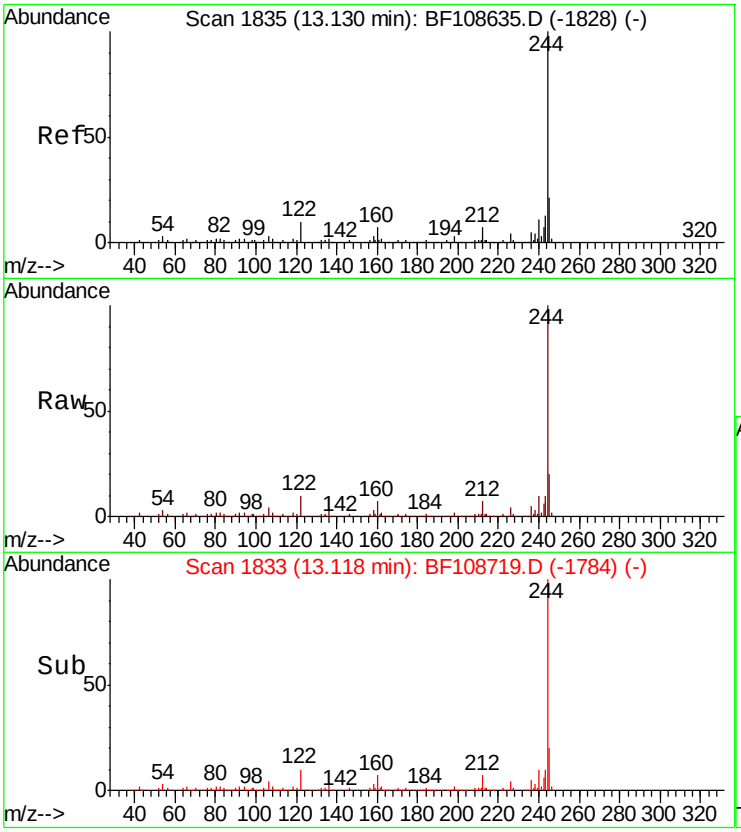


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:240 Resp: 224736

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	26.1	20.7	31.1



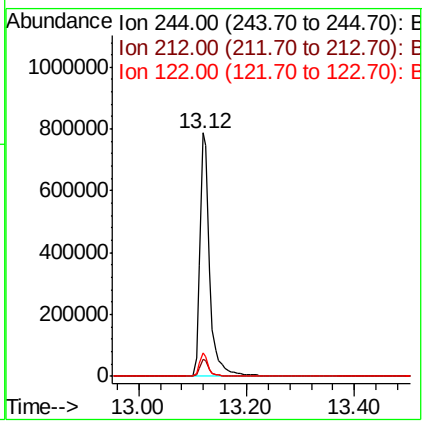


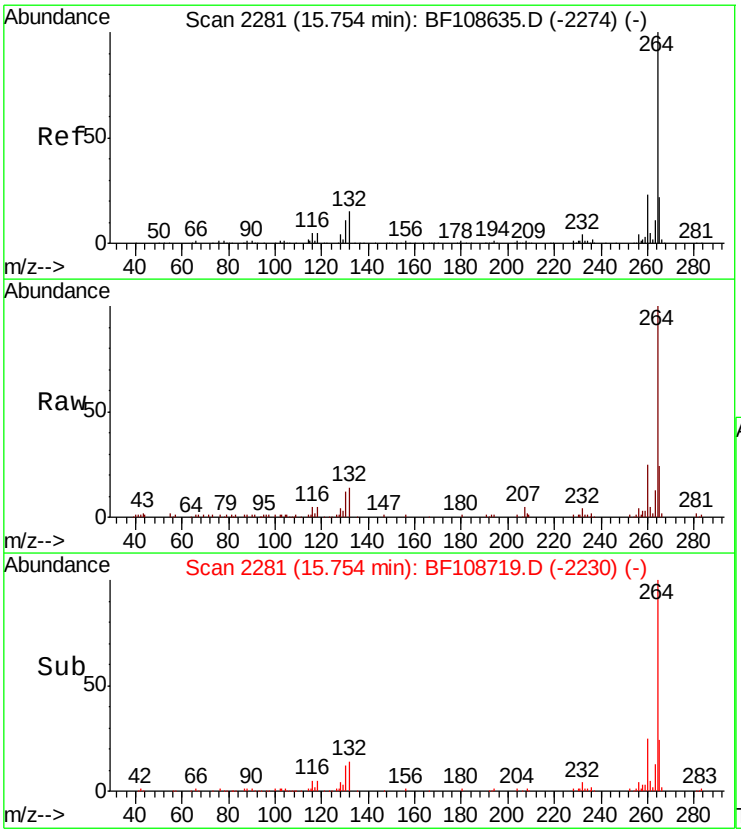
#78
Terphenyl-d14
Concen: 84.463 ng
RT: 13.12 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 976957

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF108719.D
Acq: 1 Sep 2018 5:34

Tgt Ion:264 Resp: 159227

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	24.3	17.5	26.3