Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
Data File : BF108539.D
Acq On : 28 Aug 2018 5:03
Operator : JU/SJ
Sample : J4659-12
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 06:59:12 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	106584	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	360480	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	145613	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	246857	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	268911	20.00	ng	-0.01
86) Perylene-d12	15.74	264	186764	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	245536	41.71	ng	0.00
7) Phenol-d6	6.61	99	209760	26.81	ng	-0.02
23) Nitrobenzene-d5	7.57	82	722422	111.83	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	140481	96.72	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1233157	135.96	ng	-0.01
78) Terphenyl-d14	13.12	244	1030931	97.48	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.57	70	99089	18.730	ng	# 82
25) Isophorone	7.57	82	722519	58.679	ng	# 64
49) Dimethylphthalate	9.74	163	76495	7.542	ng	99
56) 2,4-Dinitrotoluene	10.04	165	18012	6.594	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.84	198	128	5.481	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	9243	3.445	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
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Acq On : 28 Aug 2018 5:03
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
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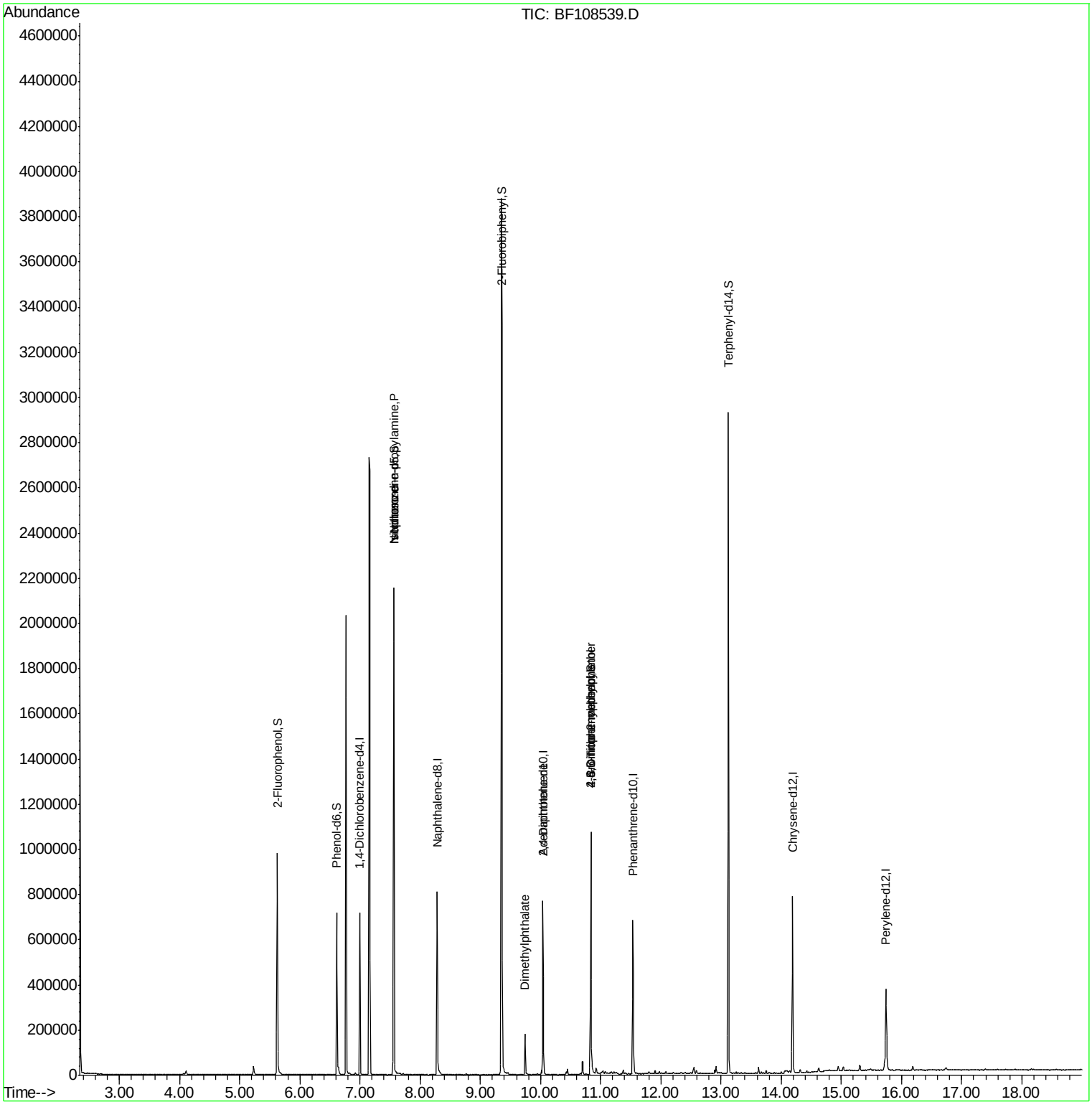
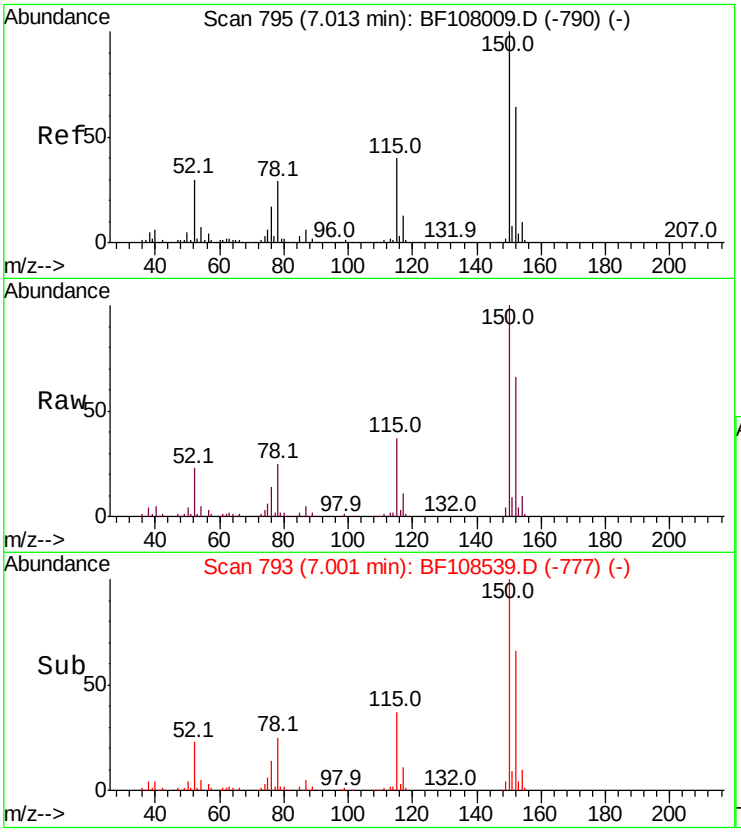


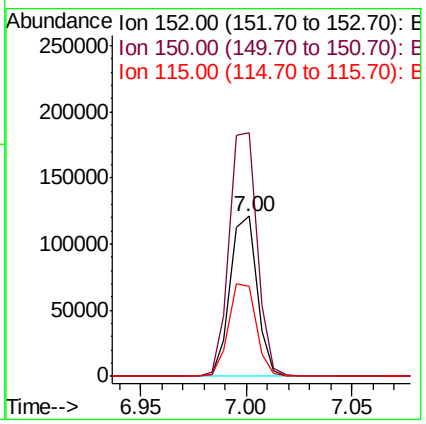


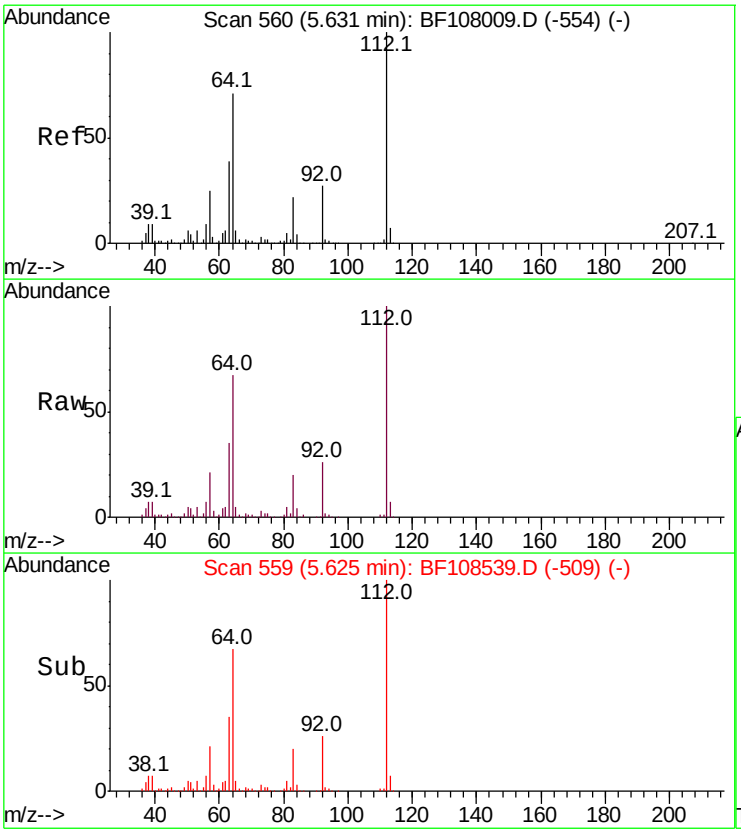
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 106584

Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	56.2	50.1	75.1

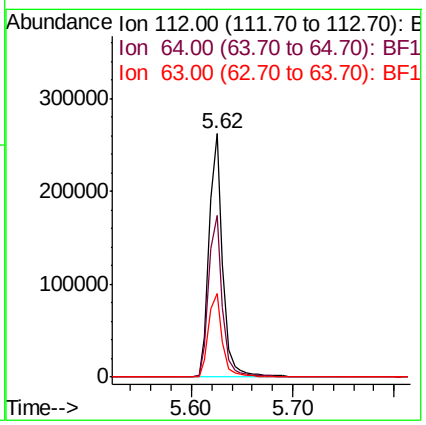


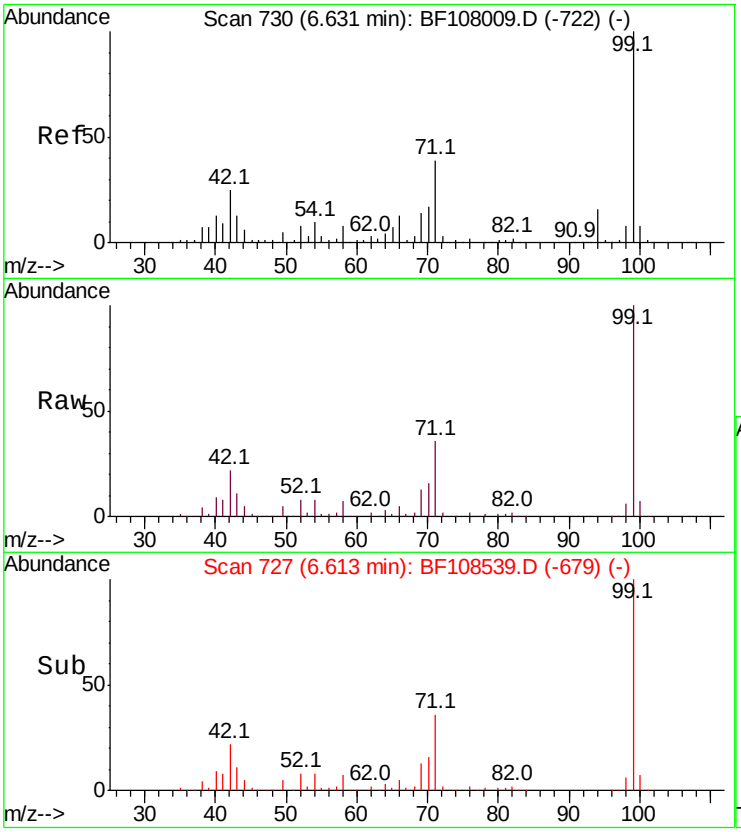


#5
2-Fluorophenol
Concen: 41.707 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:112 Resp: 245536

Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	34.5	23.7	35.5



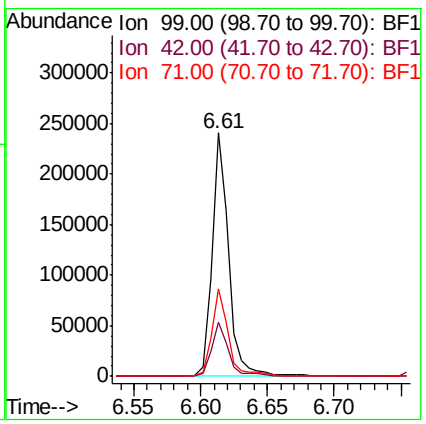


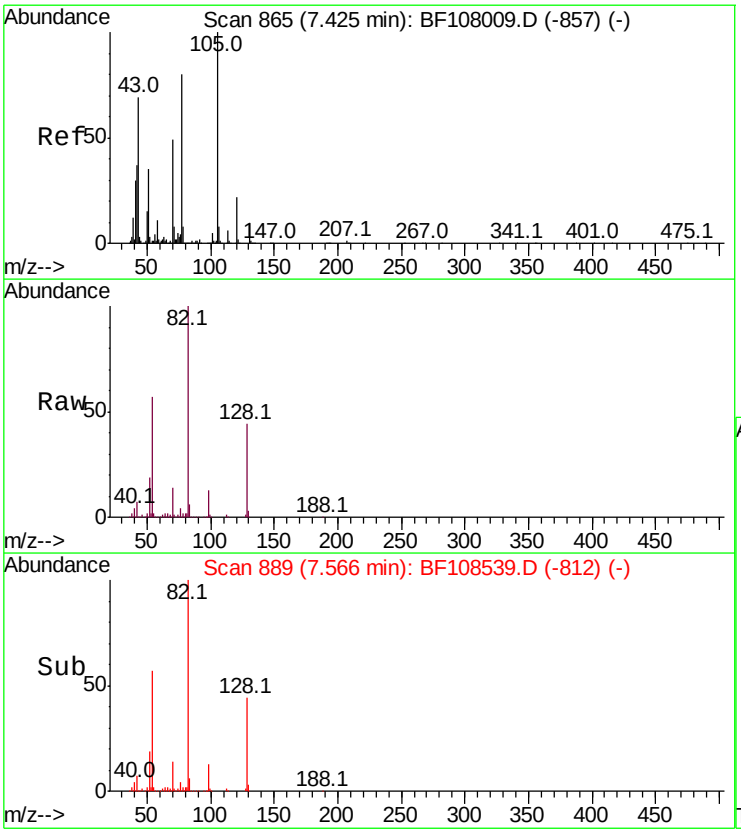
#7
Phenol-d6
Concen: 26.813 ng
RT: 6.61 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 209760

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	35.8	25.4	38.0

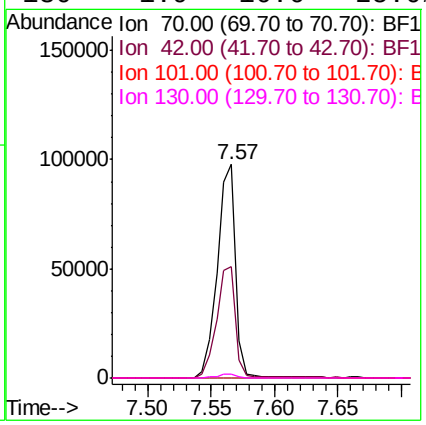


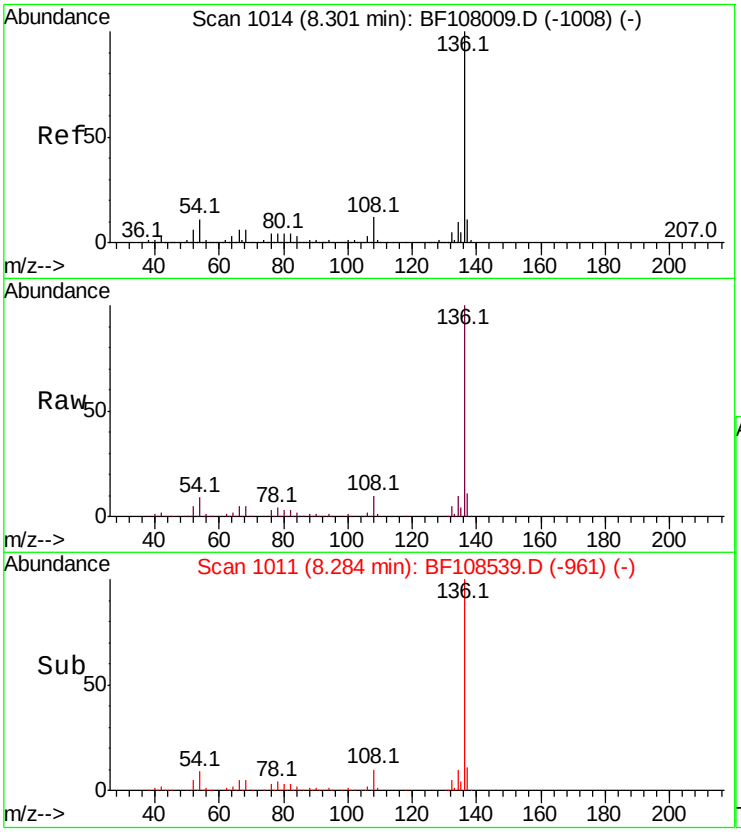


#19
n-Nitroso-di-n-propylamine
Concen: 18.730 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion: 70 Resp: 99089

Ion	Ratio	Lower	Upper
70	100		
42	52.2	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

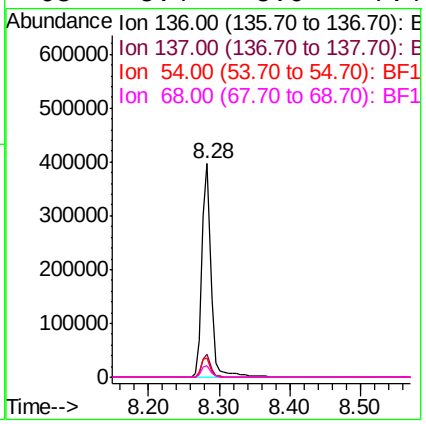




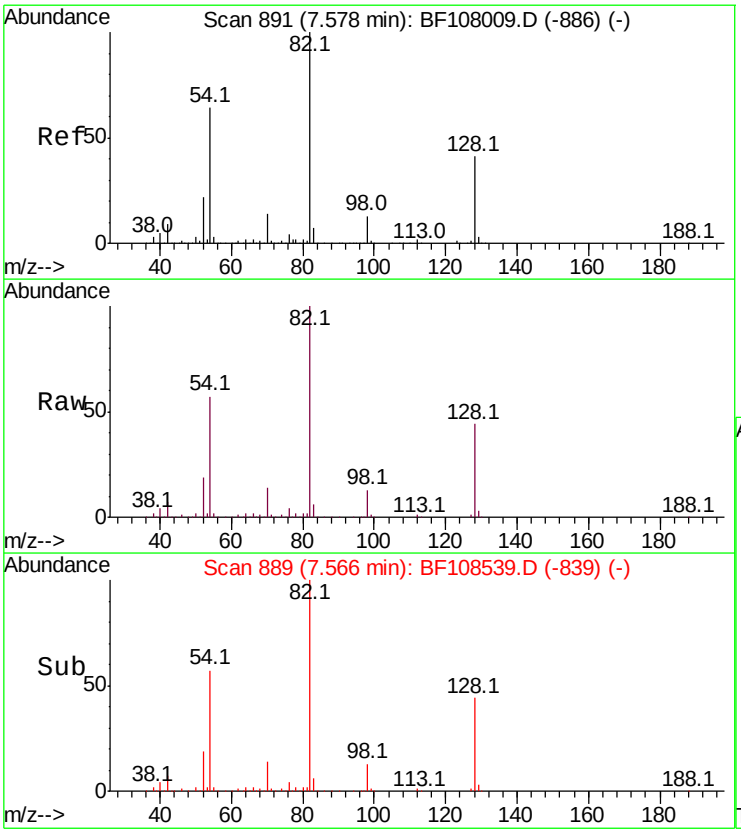
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:136 Resp: 360480

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.2	6.6	9.8
68	5.4	5.0	7.4



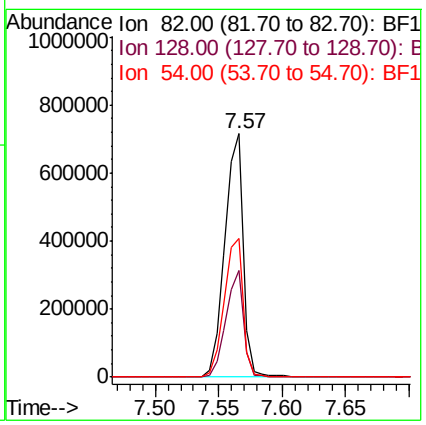
Instrument :
BNA_F
ClientSampleId :

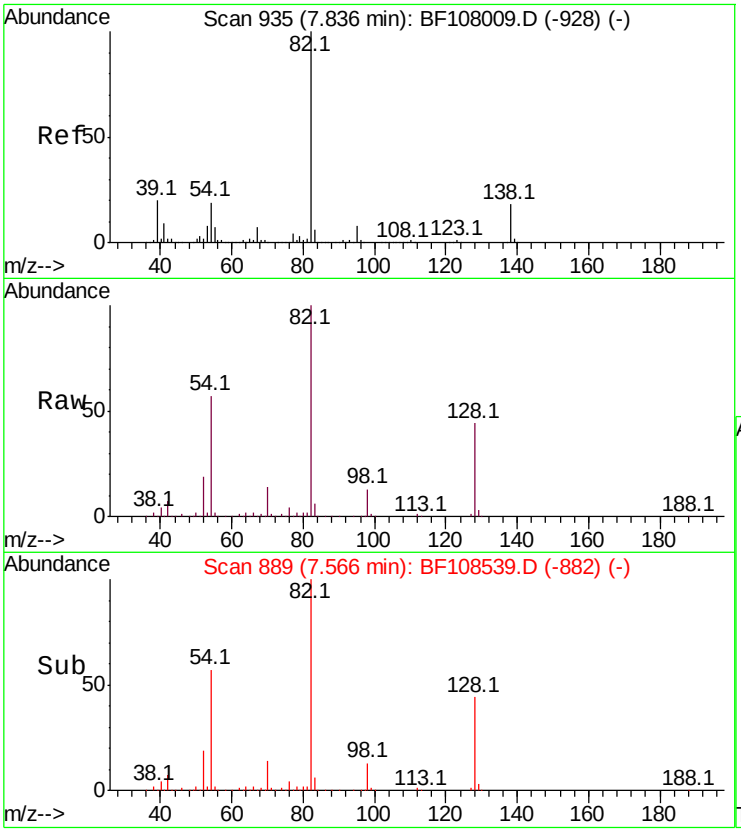


#23
Nitrobenzene-d5
Concen: 111.829 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion: 82 Resp: 722422

Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	57.1	41.4	62.2



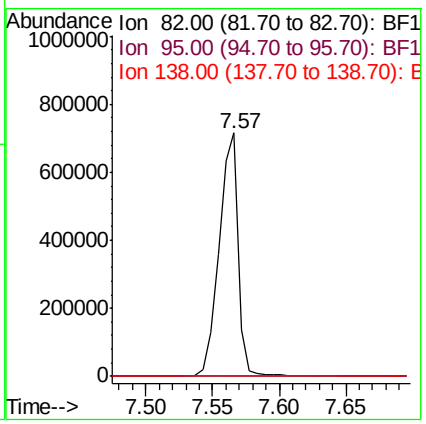


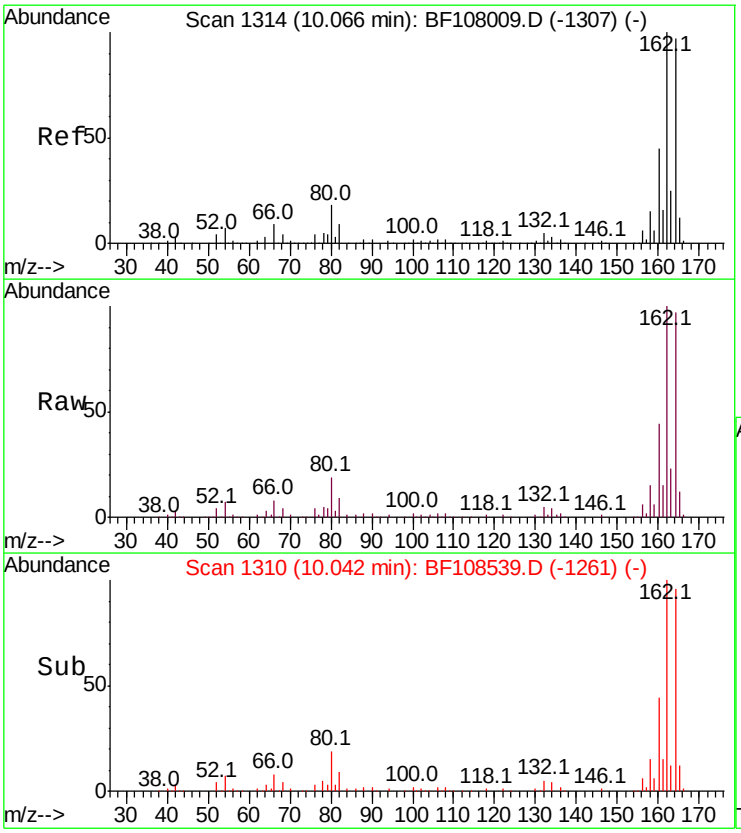
#25
Isophorone
Concen: 58.679 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 722519

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

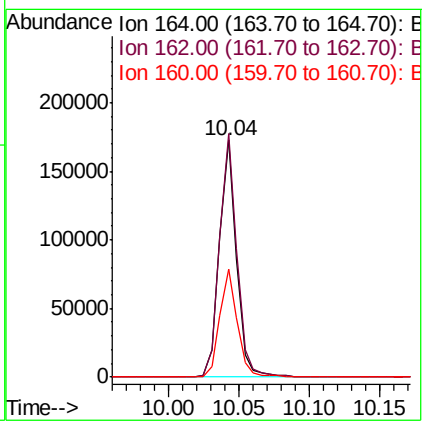


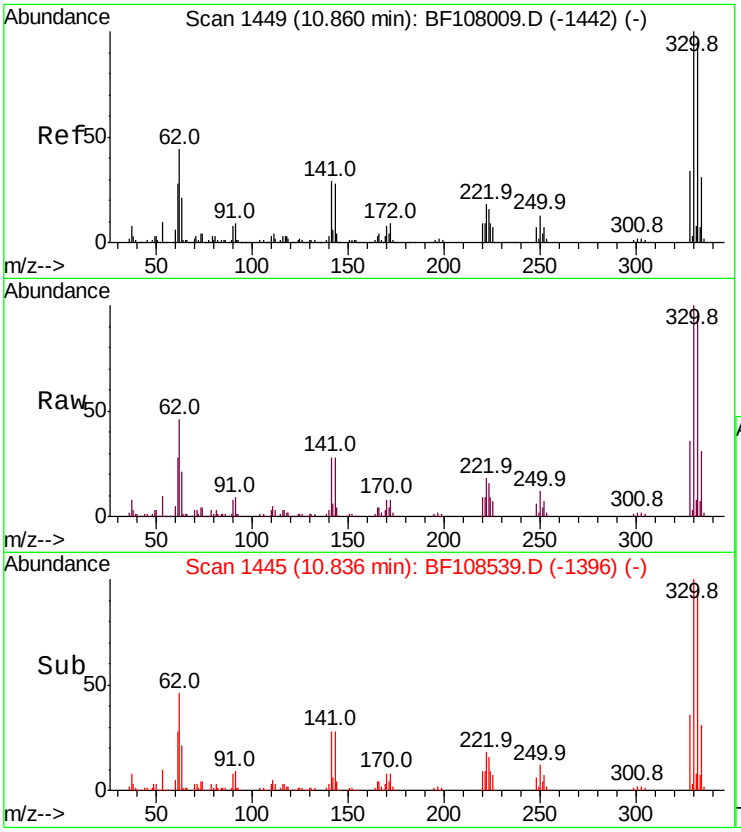


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:164 Resp: 145613

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.5	38.3	57.5



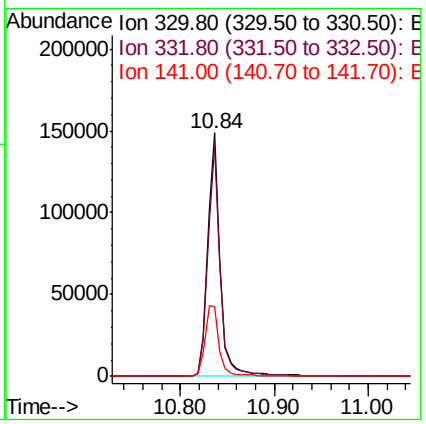


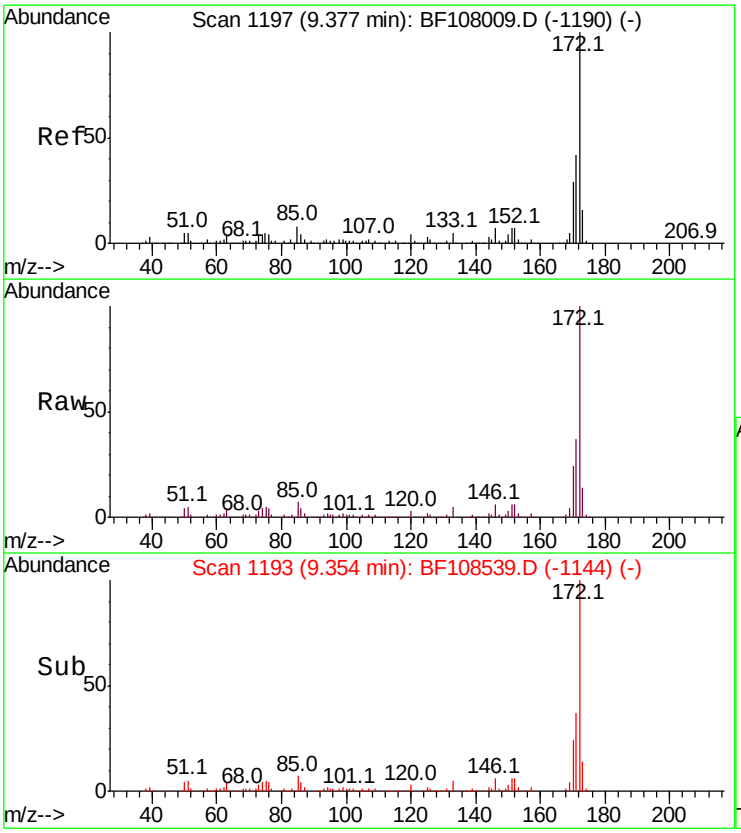
#41
2,4,6-Tribromophenol
Concen: 96.720 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 140481

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	32.3	29.9	44.9

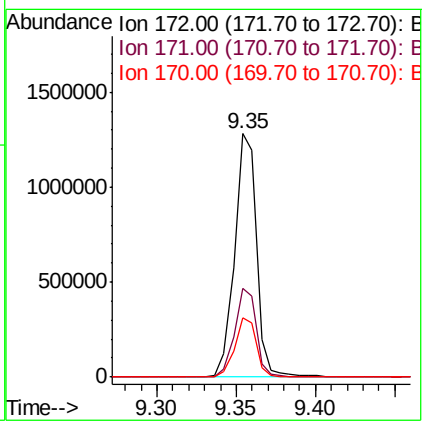


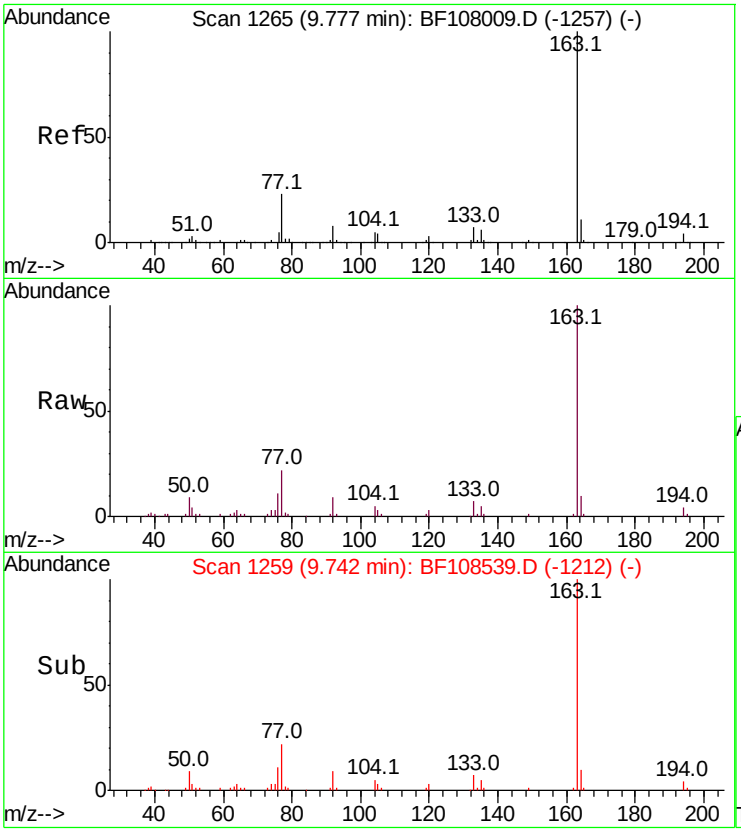


#44
2-Fluorobiphenyl
Concen: 135.963 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:172 Resp: 1233157

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4



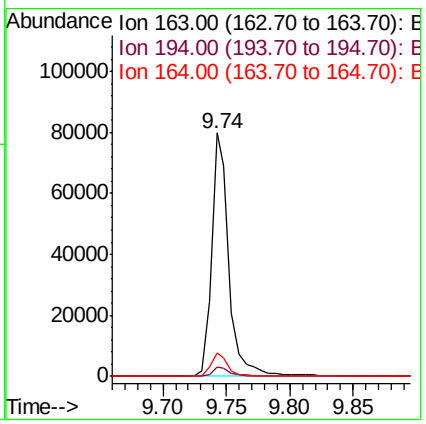


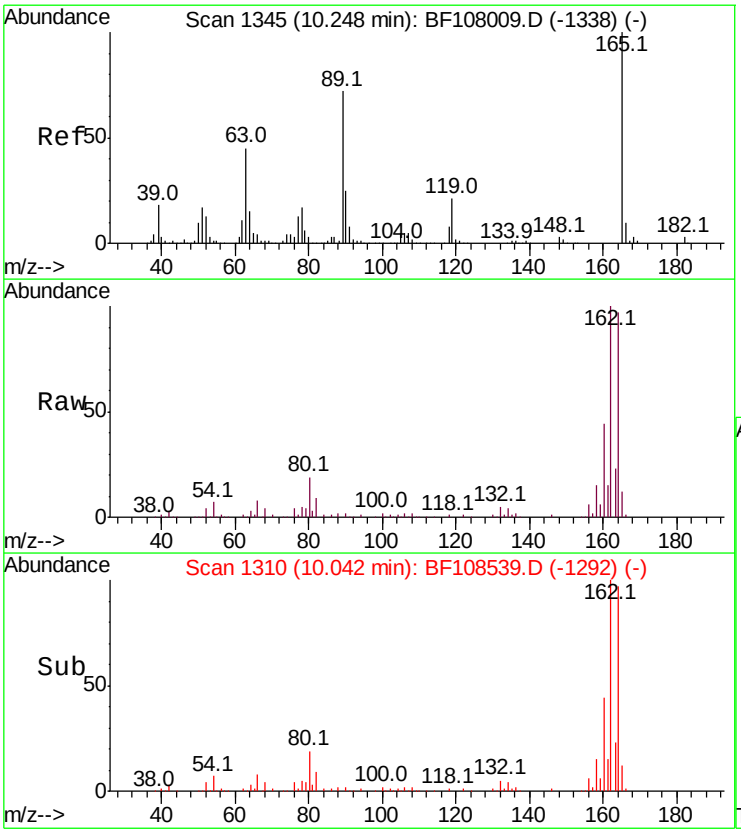
#49
Dimethylphthalate
Concen: 7.542 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 76495

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	9.8	8.2	12.2

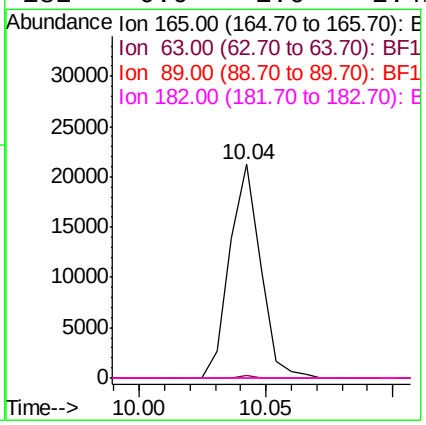


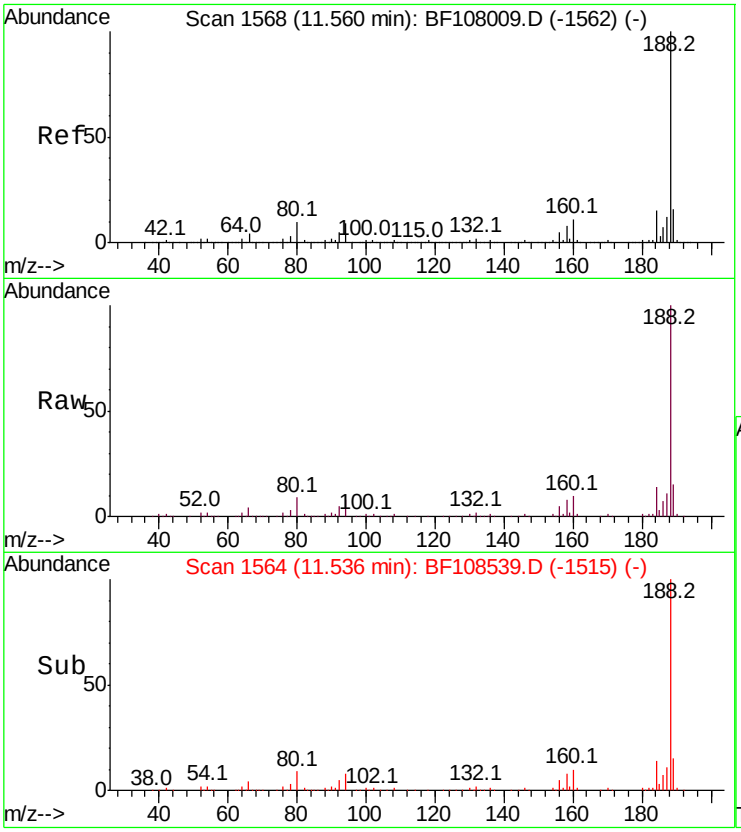


#56
2,4-Dinitrotoluene
Concen: 6.594 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:165 Resp: 18012

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



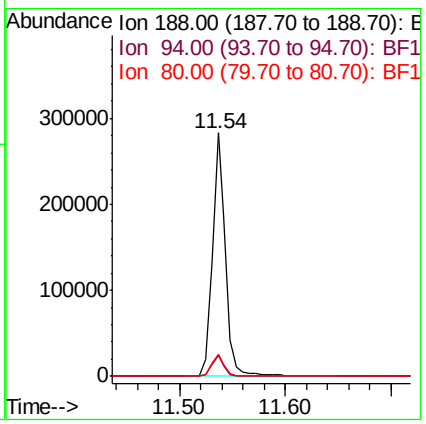


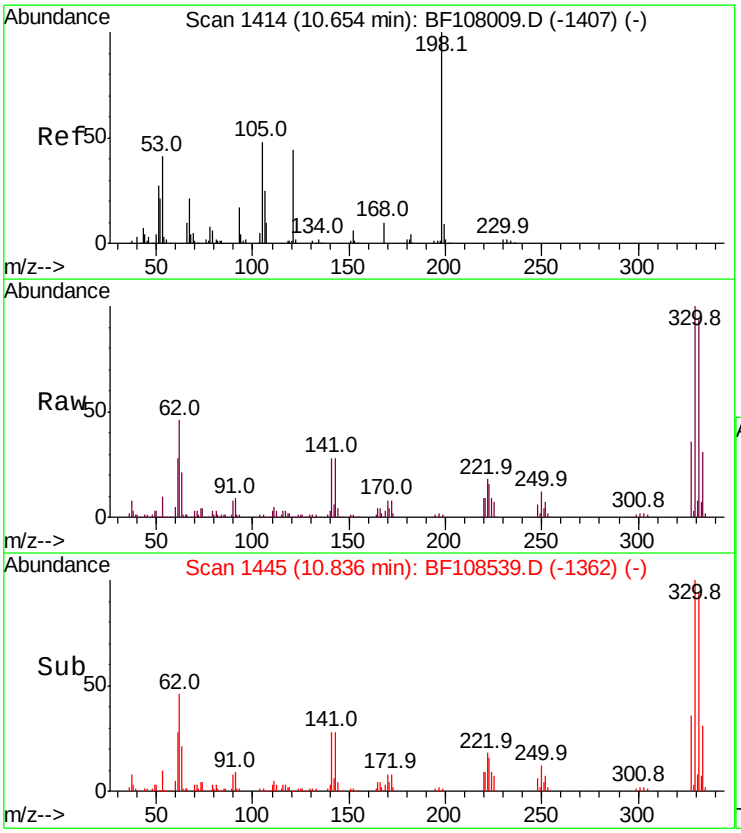
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 246857

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#

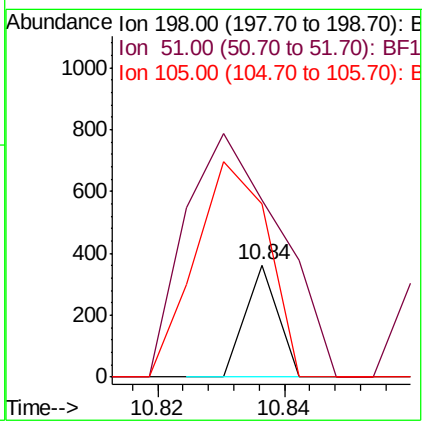


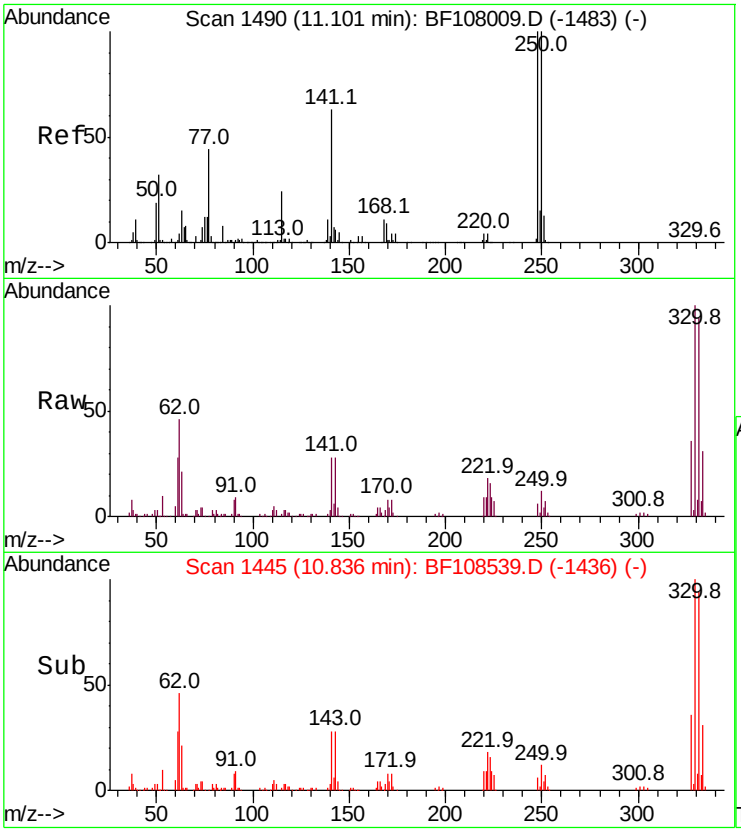


#64
4,6-Dinitro-2-methylphenol
Concen: 5.481 ng
RT: 10.84 min Scan# 1445
Delta R.T. 0.19 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:198 Resp: 128

Ion	Ratio	Lower	Upper
198	100		
51	158.1	37.7	77.7#
105	154.3	36.3	76.3#



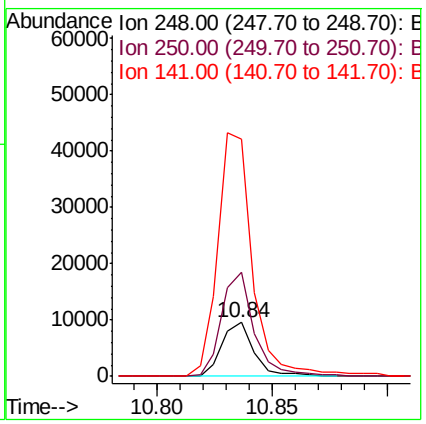


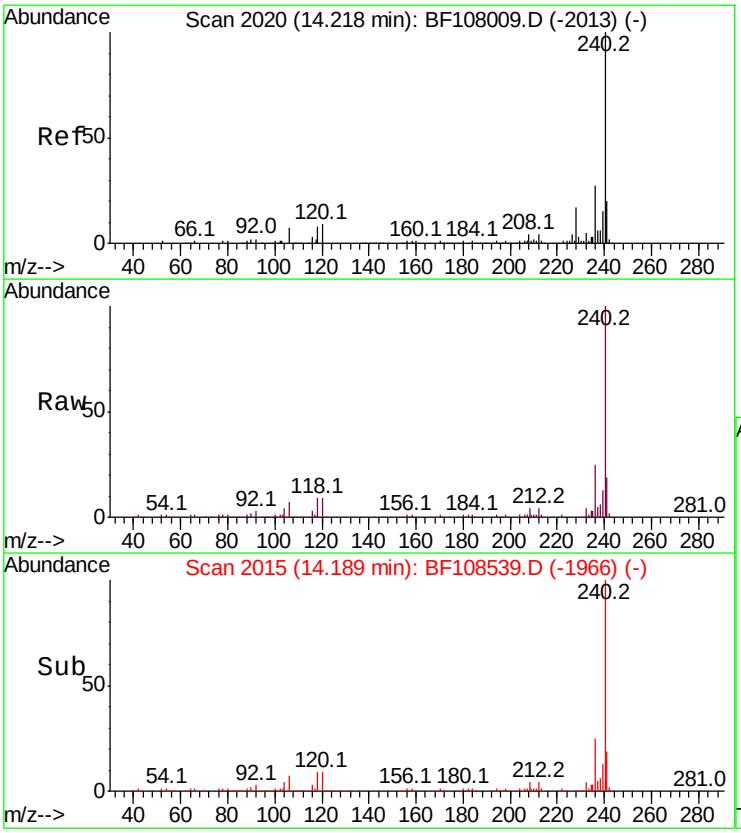
#66
4-Bromophenyl-phenylether
Concen: 3.445 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9243

Ion	Ratio	Lower	Upper
248	100		
250	194.4	76.9	115.3#
141	441.0	74.4	111.6#

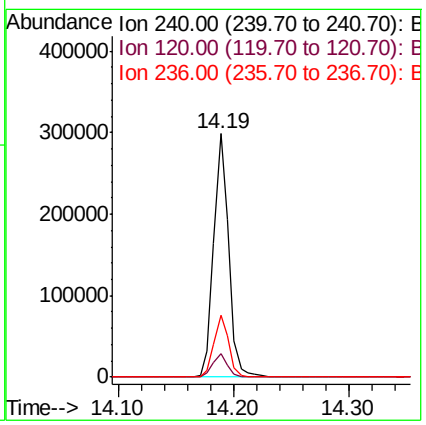


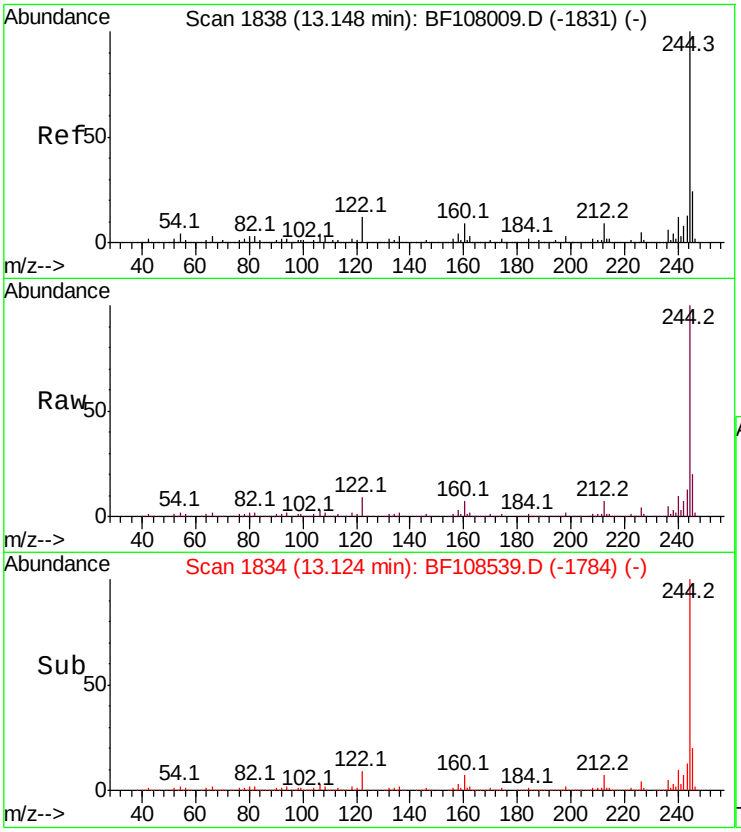


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:240 Resp: 268911

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	25.2	20.7	31.1



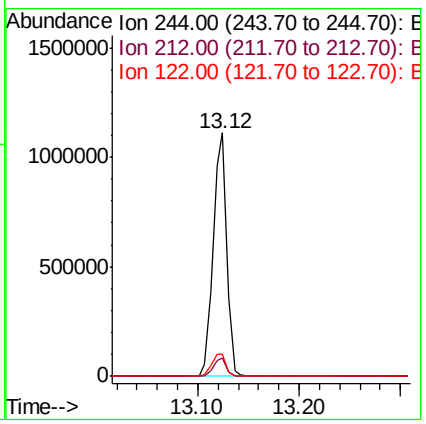


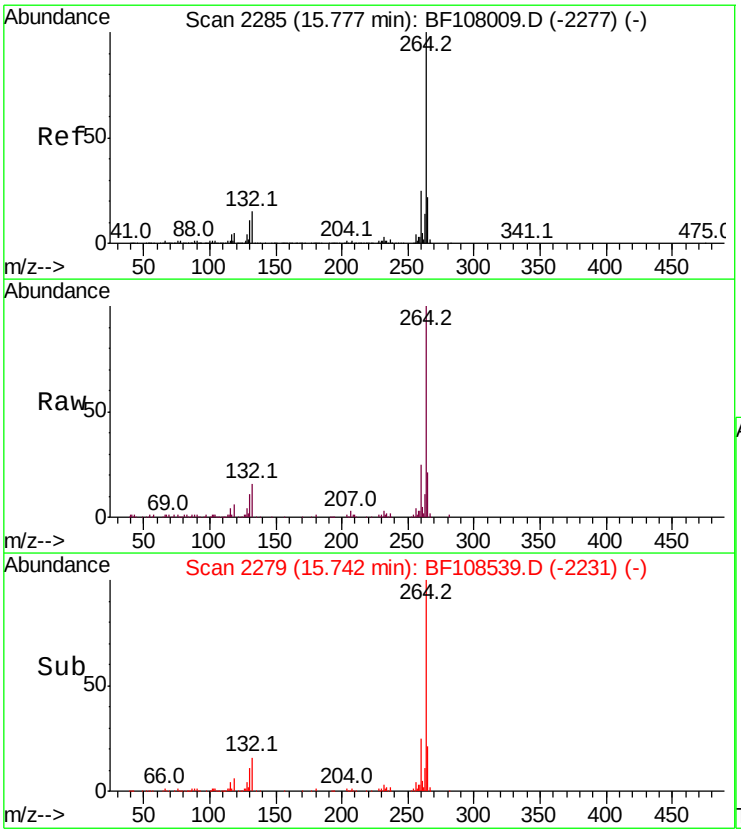
#78
Terphenyl-d14
Concen: 97.475 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108539.D
Acq: 28 Aug 2018 5:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1030931

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	8.9	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: BF108539.D
Acq: 28 Aug 2018 5:03

Tgt Ion:264 Resp: 186764

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	20.7	17.5	26.3