Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109453.D
Acq On : 29 Sep 2018 2:27
Operator : JU/SJ
Sample : J5131-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FOUNDATION-CONTAINMENT-A

Quant Time: Oct 01 03:08:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	105793	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	401620	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	187360	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	244508	20.00	ng	0.00
75) Chrysene-d12	13.85	240	179284	20.00	ng	0.00
86) Perylene-d12	15.25	264	203257	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	62616	9.75	ng	0.00
7) Phenol-d6	6.34	99	130842	15.96	ng	-0.02
23) Nitrobenzene-d5	7.27	82	327237	48.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	14442	7.82	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	631992	50.87	ng	-0.01
78) Terphenyl-d14	12.82	244	342661	46.91	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	44097	8.211	ng	# 78
49) Dimethylphthalate	9.46	163	38549	2.829	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	23548	8.725	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	23548	6.896	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.49	198	255	6.745	ng	# 1
73) Di-n-butylphthalate	11.79	149	32792	2.312	ng	# 51
83) Bis(2-ethylhexyl)phthalate	13.84	149	28879	4.189	ng	# 97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
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Operator : JU/SJ
Sample : J5131-02
Misc :
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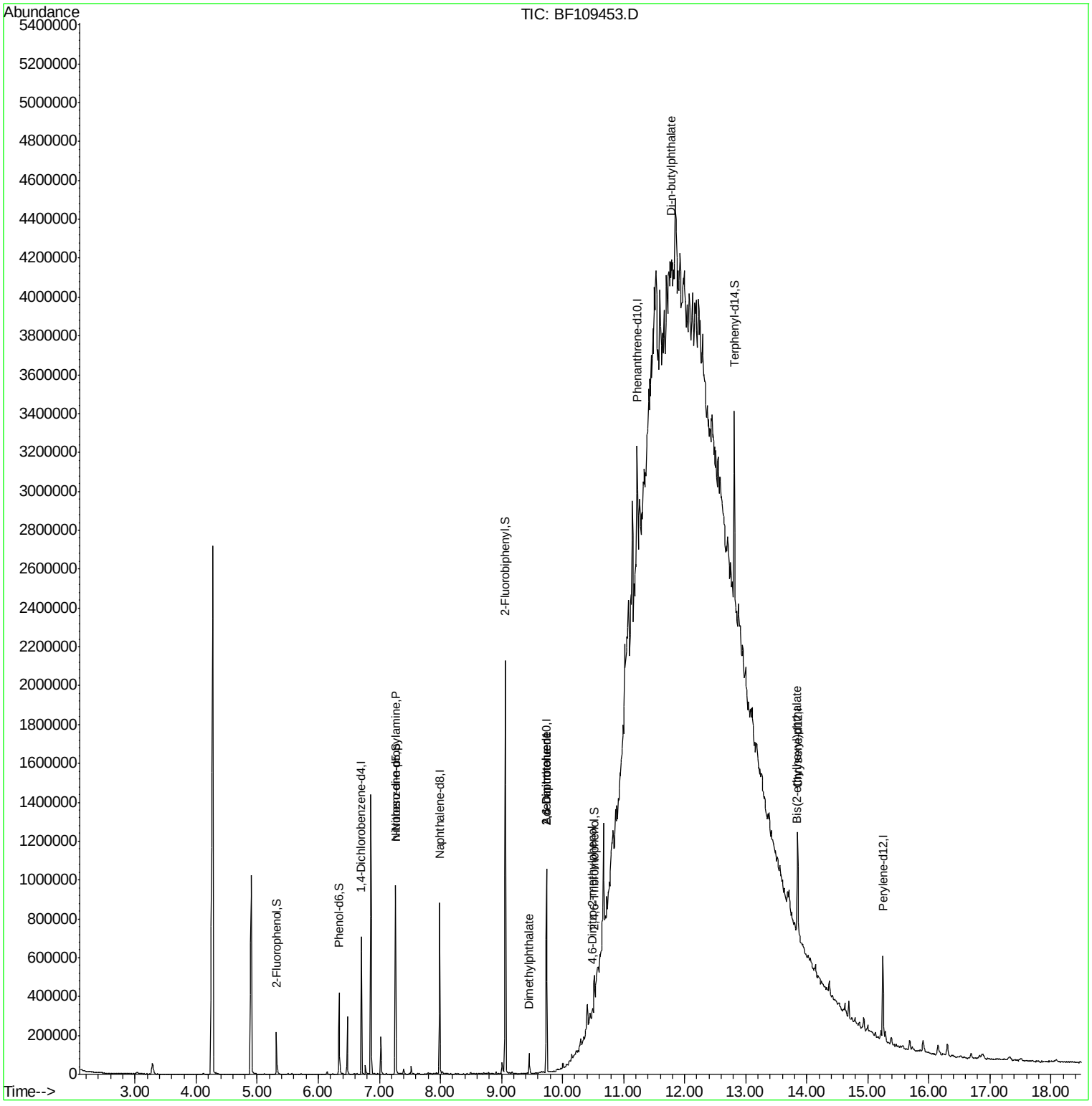
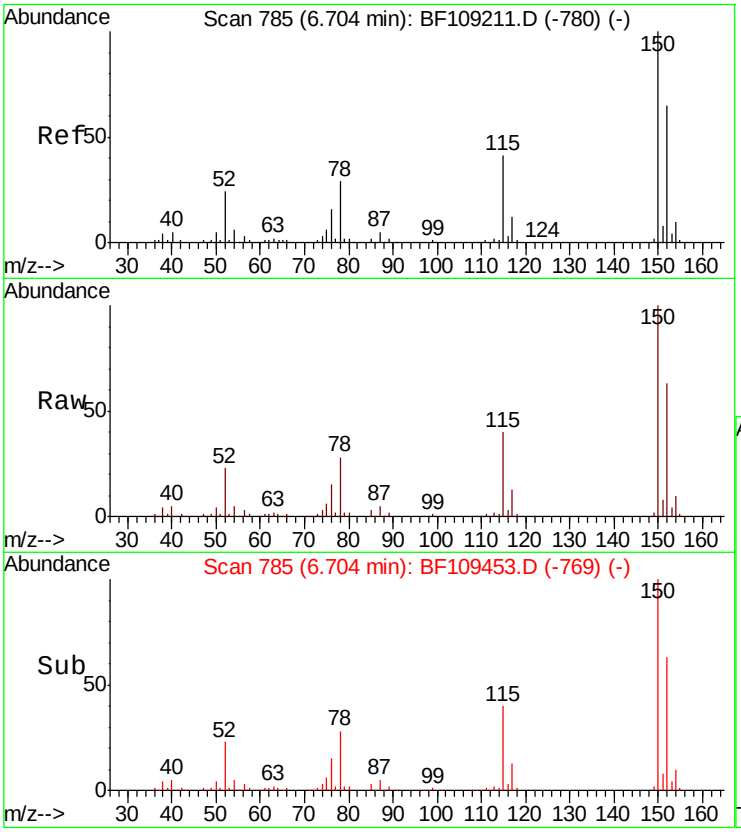
Response via : Initial Calibration



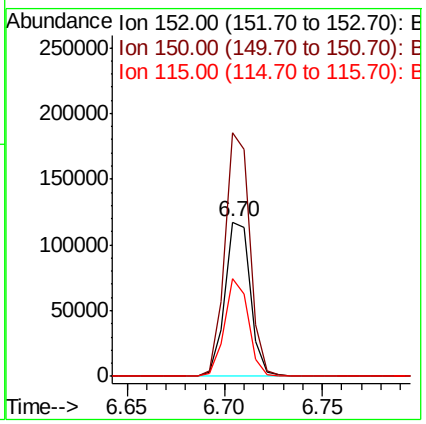


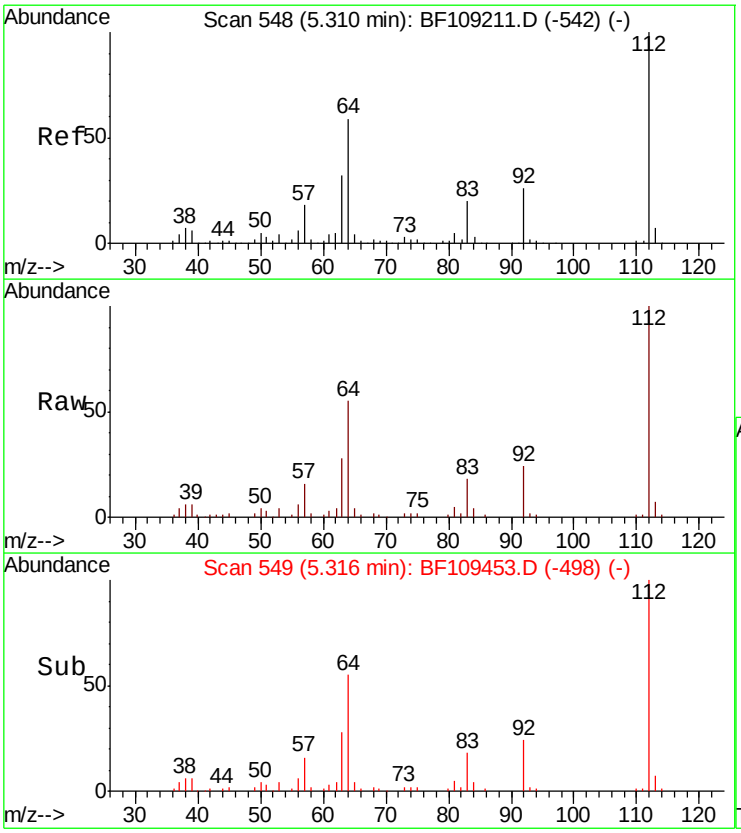
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:152 Resp: 105793

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.2	50.1	75.1

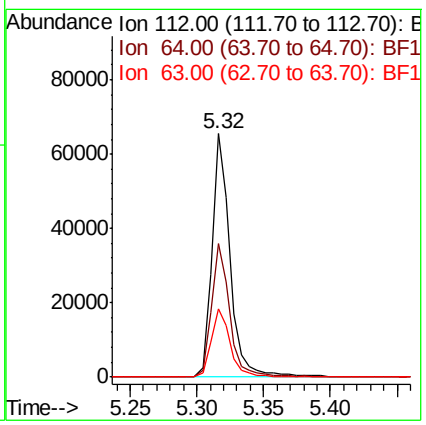


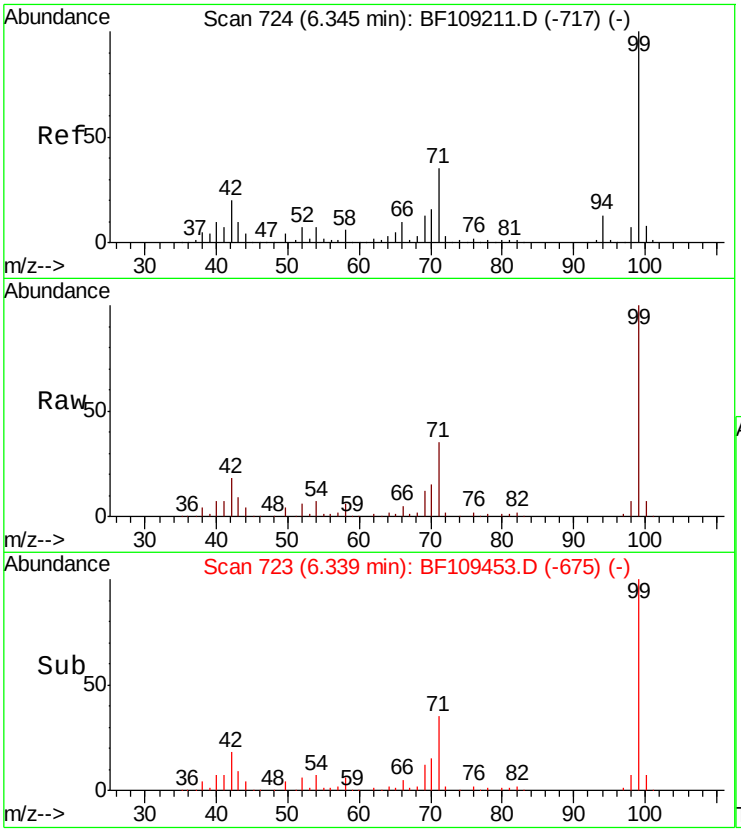


#5
2-Fluorophenol
Concen: 9.749 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:112 Resp: 62616

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.0	23.7	35.5



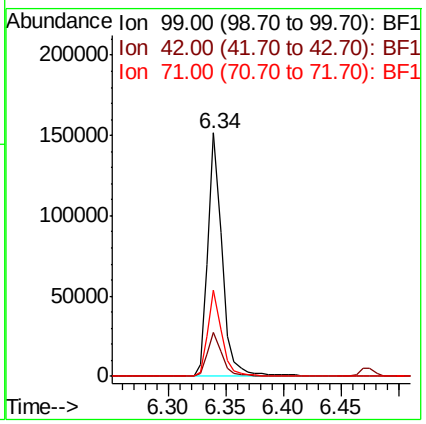


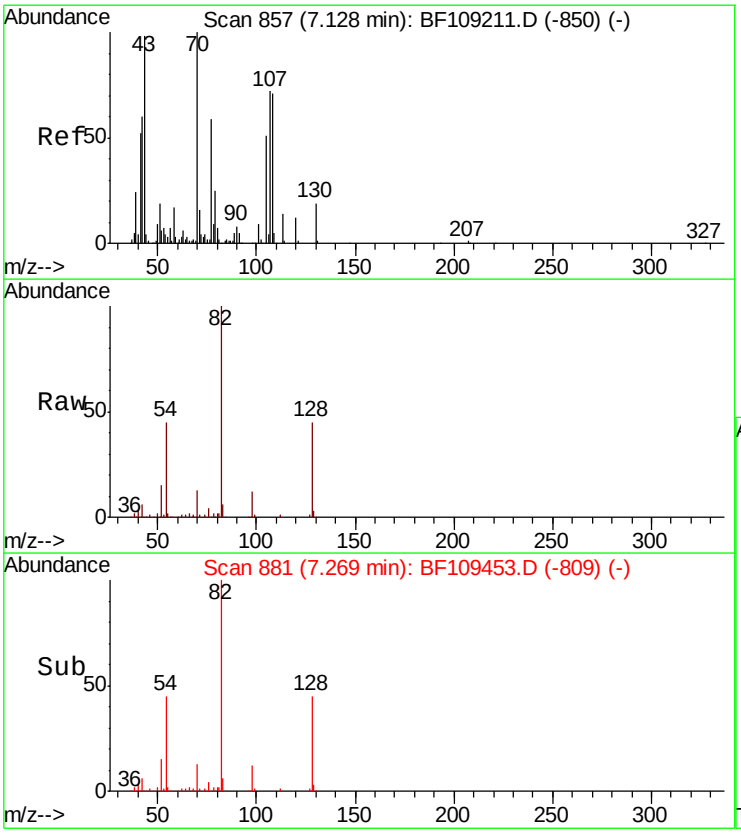
#7
Phenol-d6
Concen: 15.964 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion: 99 Resp: 130842

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	35.3	25.4	38.0

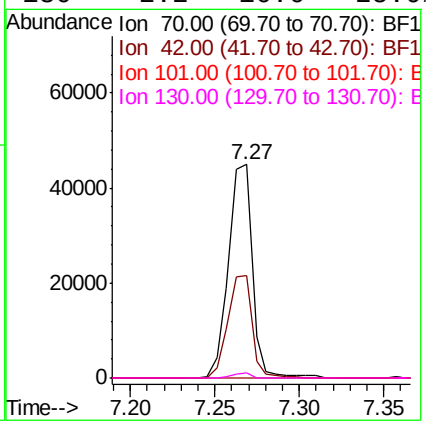


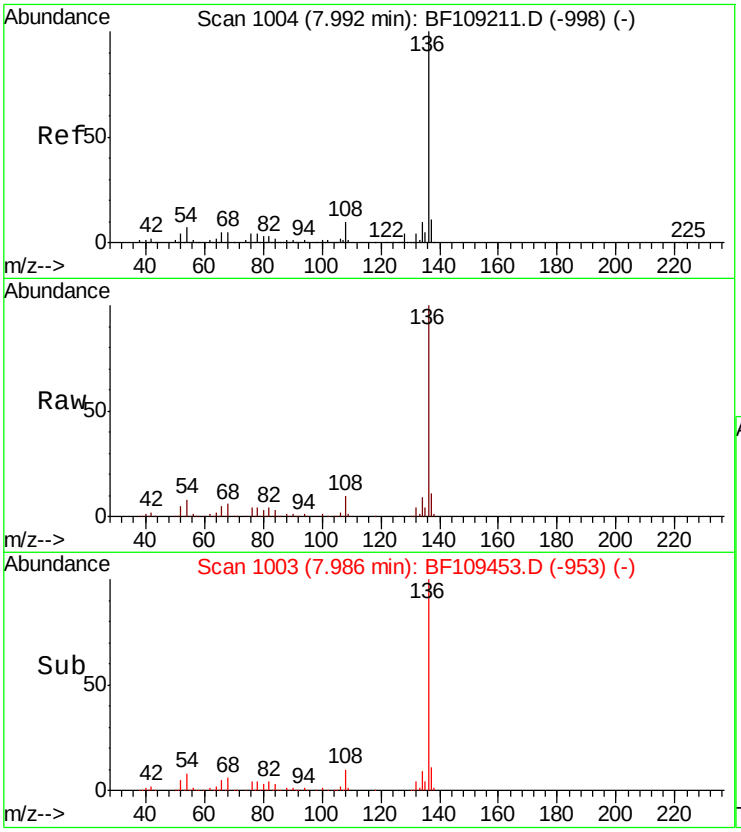


#19
n-Nitroso-di-n-propylamine
Concen: 8.211 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion: 70 Resp: 44097

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



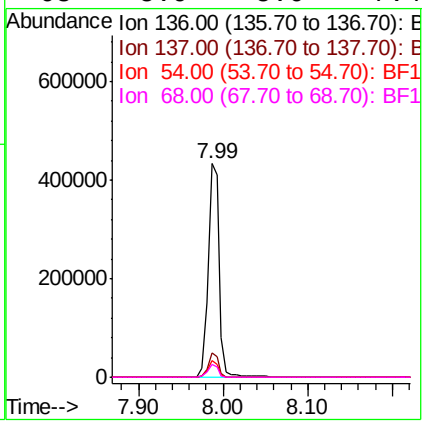


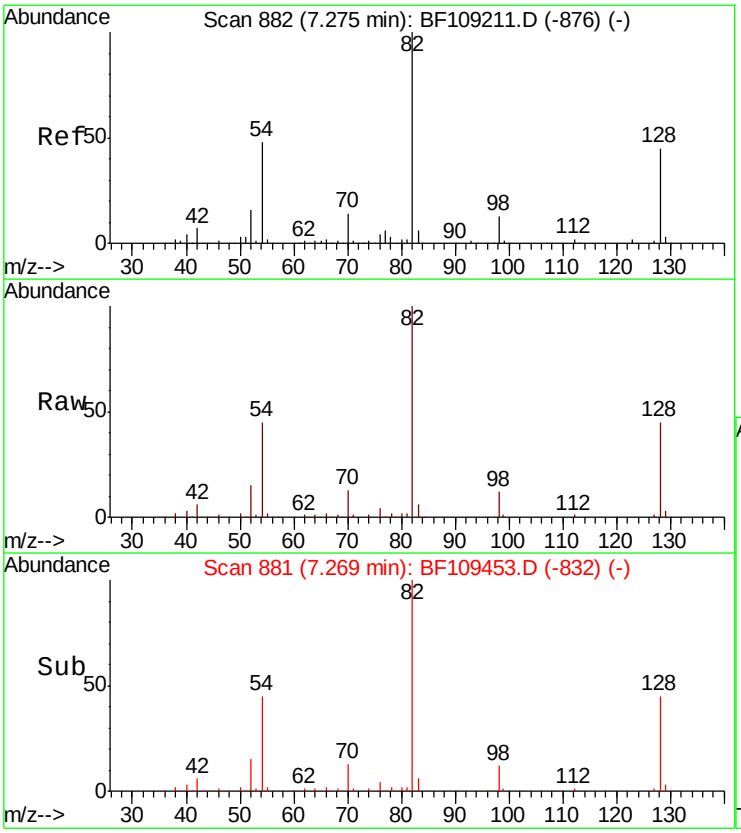
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:136 Resp: 401620

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.6	6.6	9.8
68	5.9	5.0	7.4

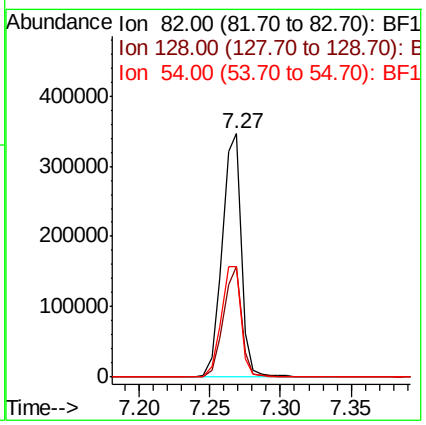


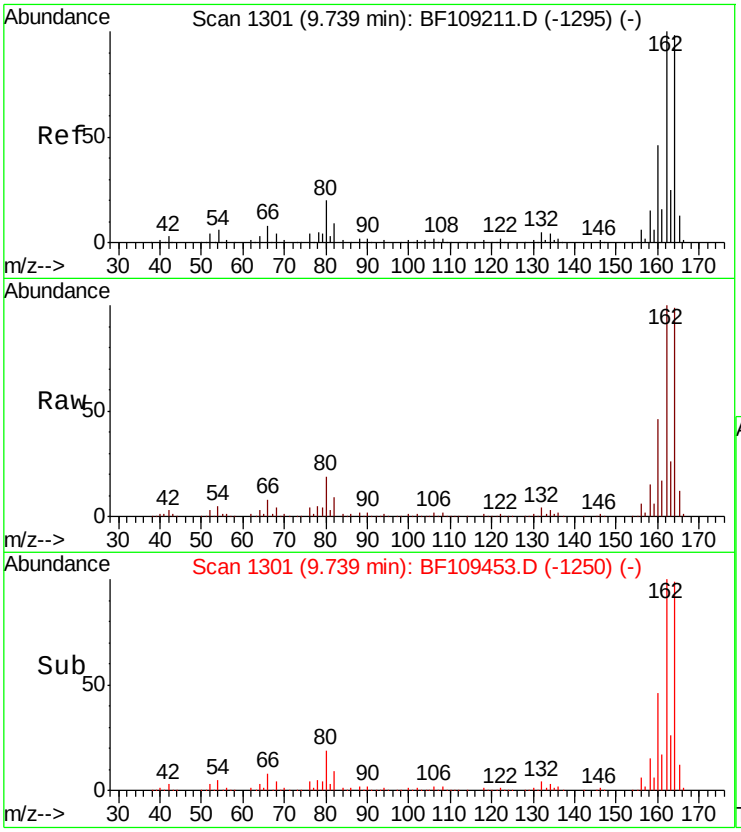


#23
Nitrobenzene-d5
Concen: 48.098 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion: 82 Resp: 327237

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	45.3	41.4	62.2



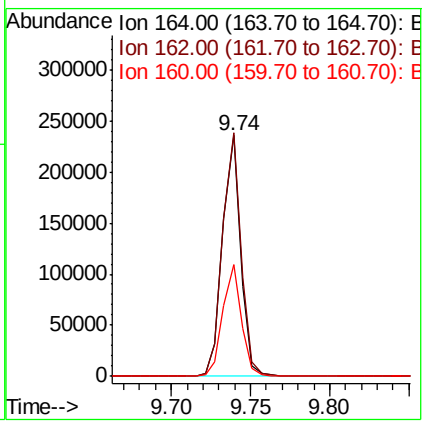


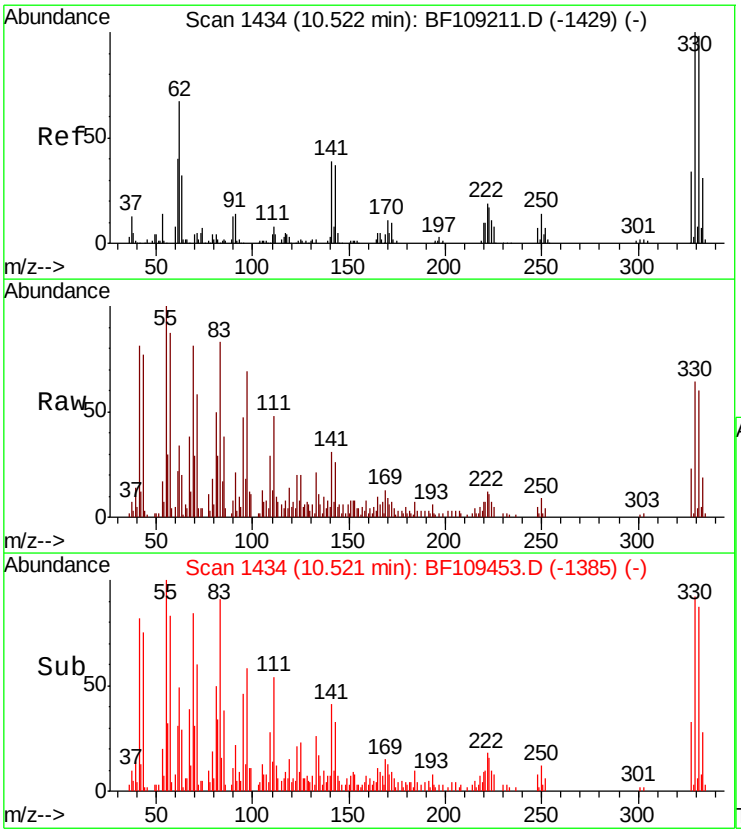
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:164 Resp: 187360

Ion	Ratio	Lower	Upper
164	100		
162	101.0	86.1	129.1
160	46.5	38.3	57.5

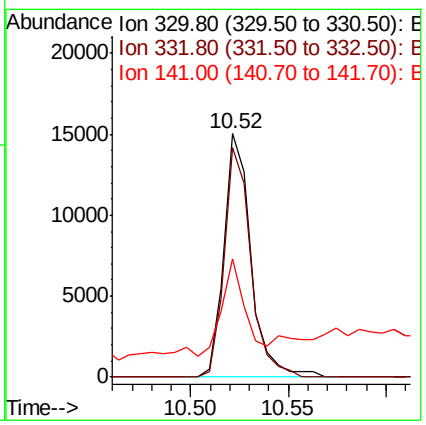


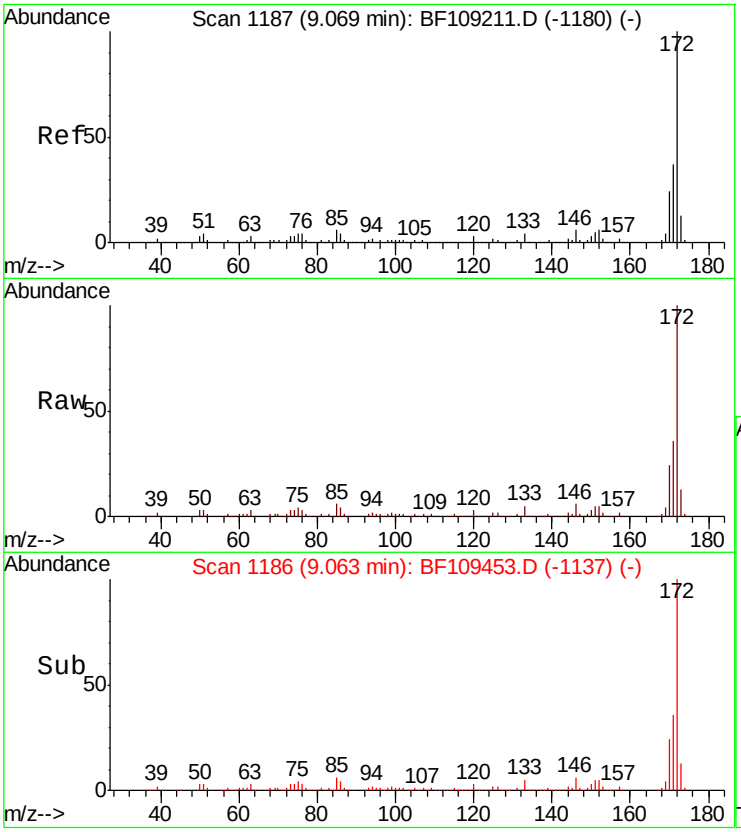


#41
2,4,6-Tribromophenol
Concen: 7.819 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:330 Resp: 14442

Ion	Ratio	Lower	Upper
330	100		
332	92.1	77.0	115.6
141	34.2	29.9	44.9



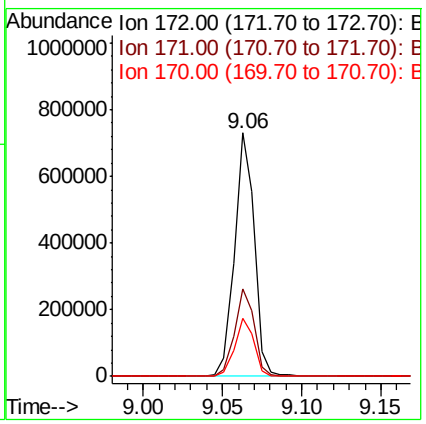


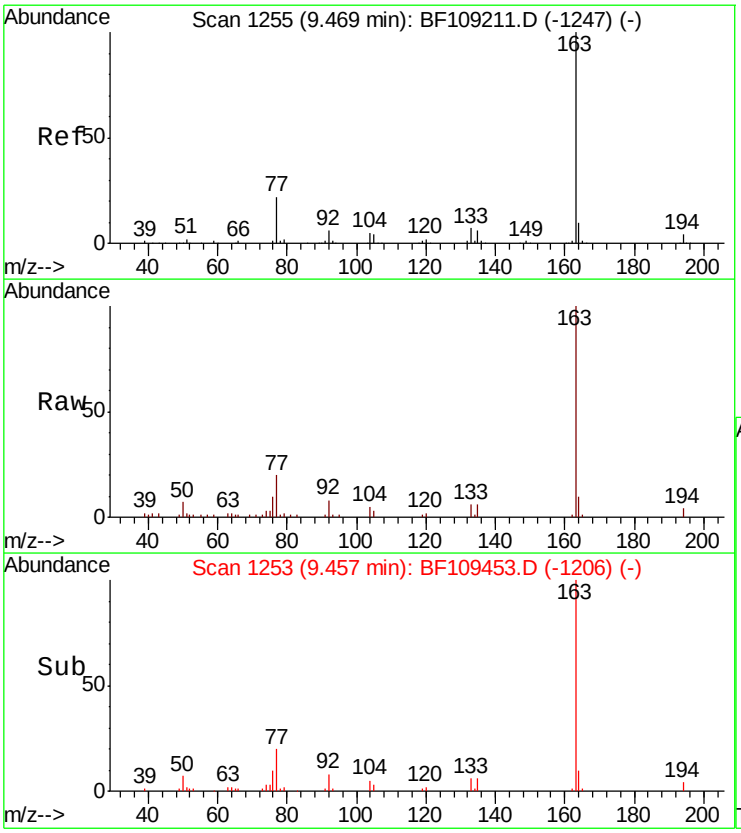
#44
2-Fluorobiphenyl
Concen: 50.873 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:172 Resp: 631992

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.0	19.6	29.4

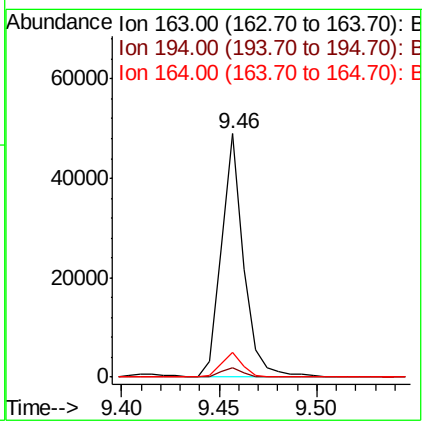


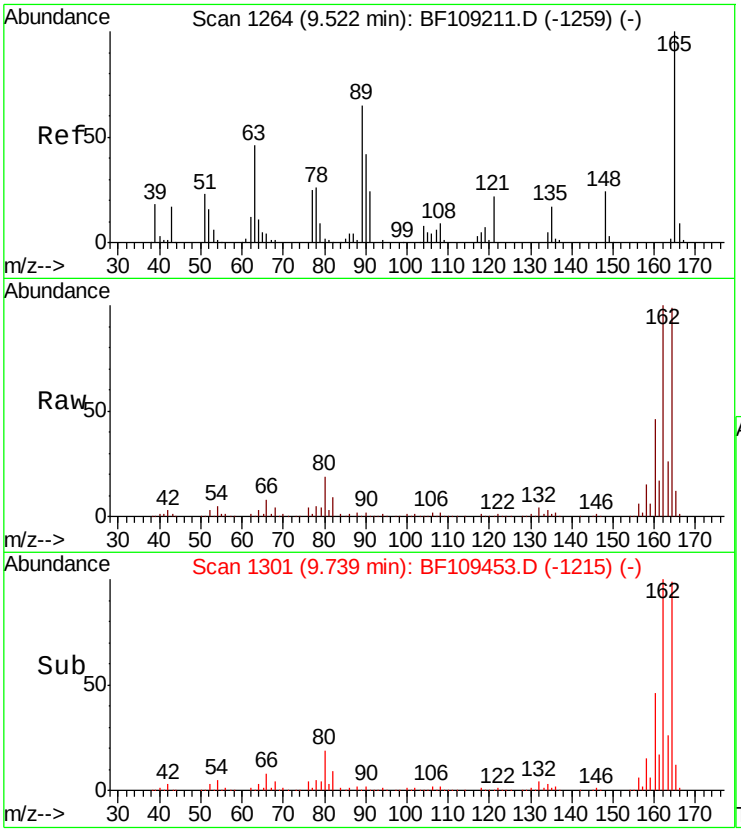


#49
Dimethylphthalate
Concen: 2.829 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:163 Resp: 38549

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.0	8.2	12.2



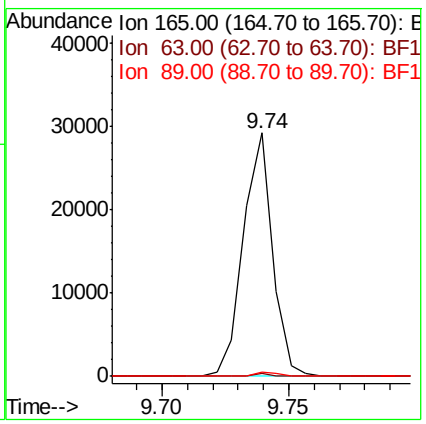


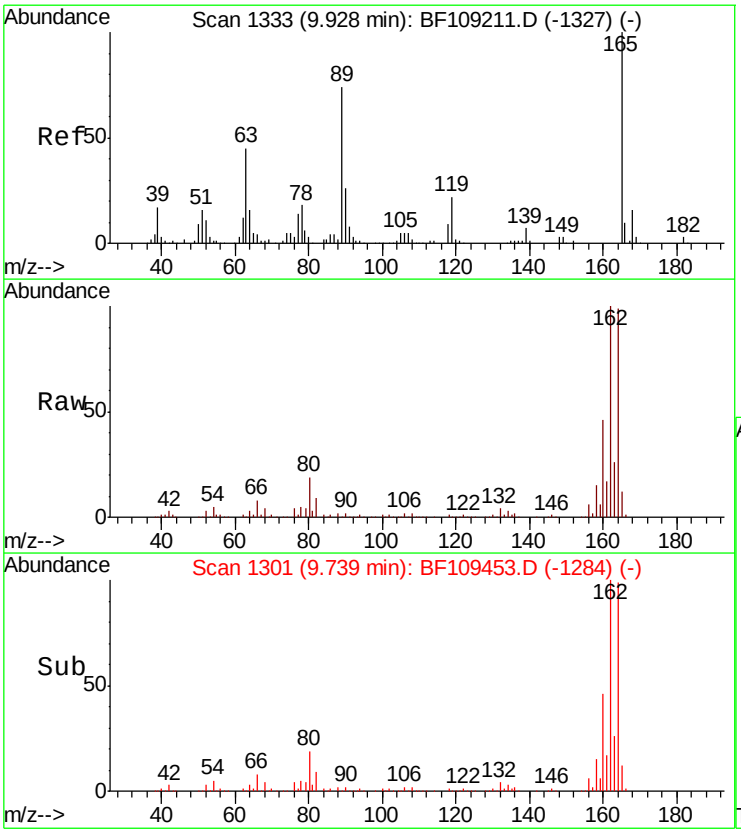
#50
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.21 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:165 Resp: 23548

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.9	44.0	66.0#

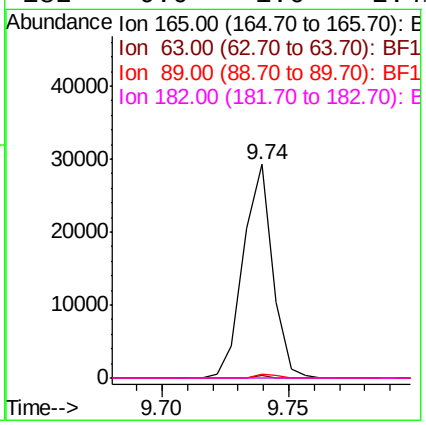


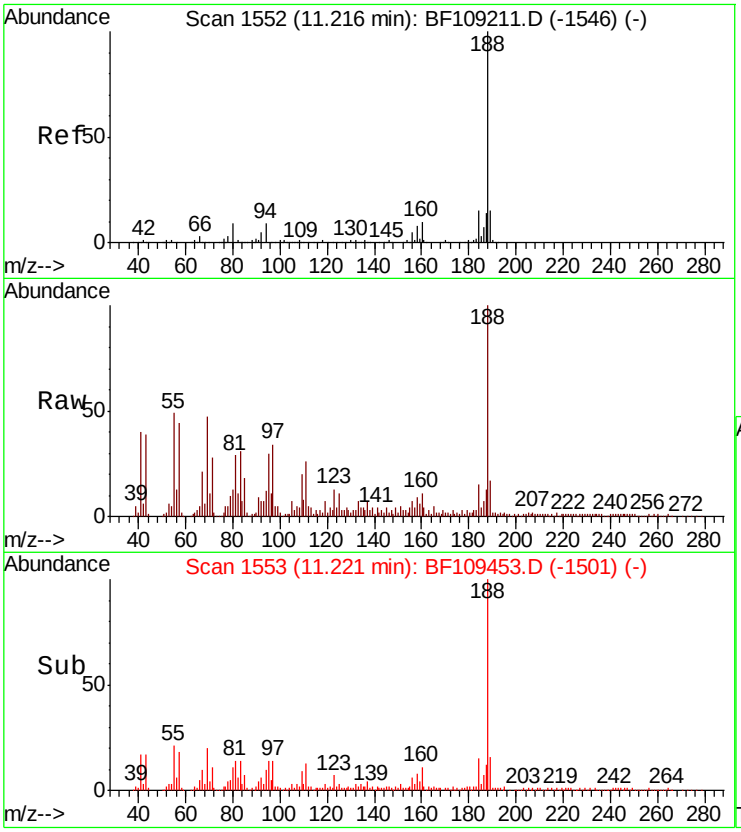


#56
2,4-Dinitrotoluene
Concen: 6.896 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:165 Resp: 23548

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



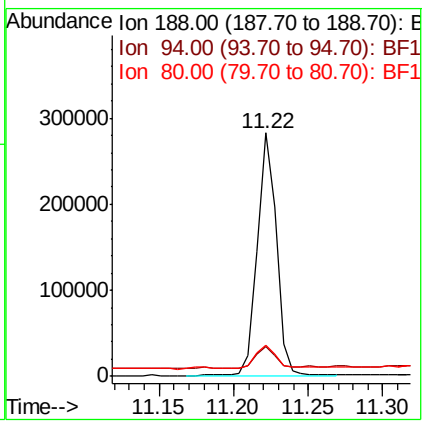


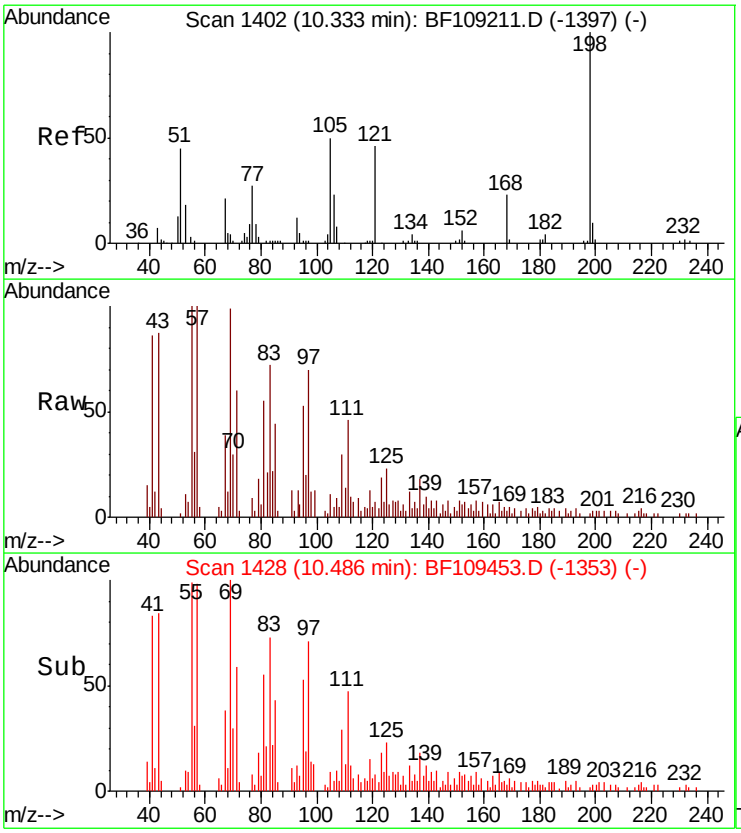
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:188 Resp: 244508

Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.0	9.2	13.8

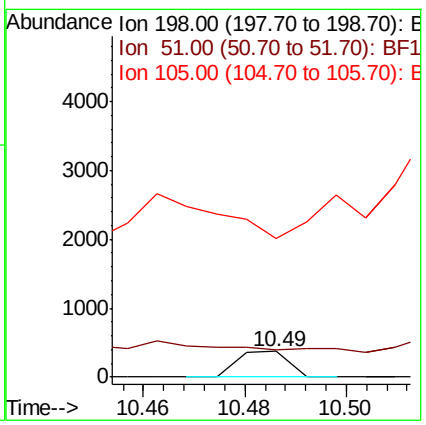


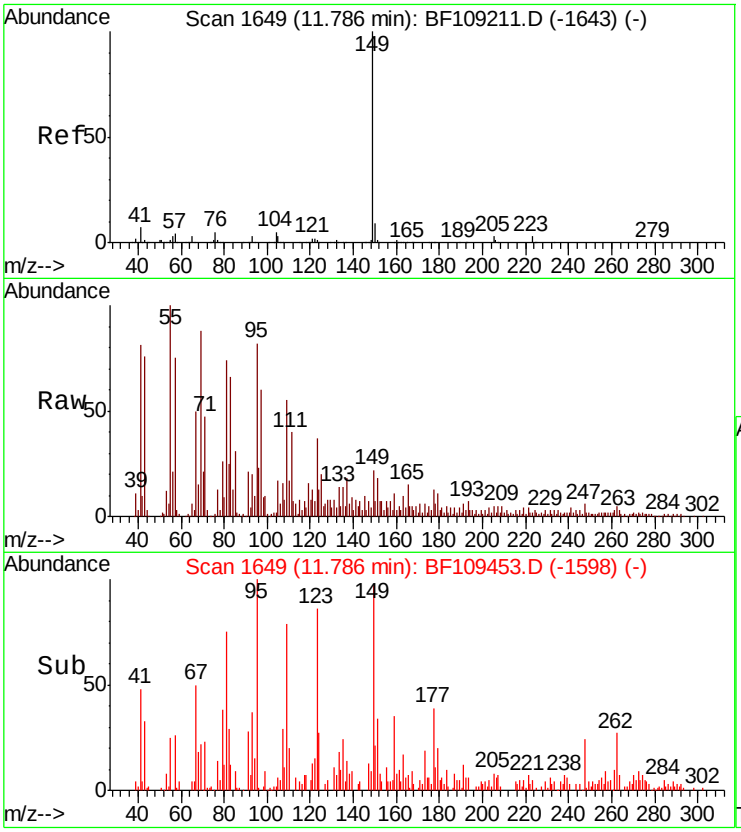


#64
4,6-Dinitro-2-methylphenol
Concen: 6.745 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.14 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:198 Resp: 255

Ion	Ratio	Lower	Upper
198	100		
51	108.7	37.7	77.7#
105	547.7	36.3	76.3#



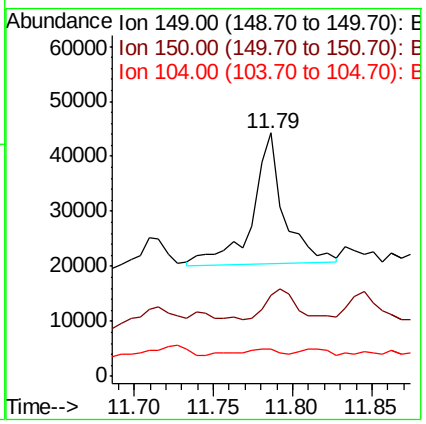


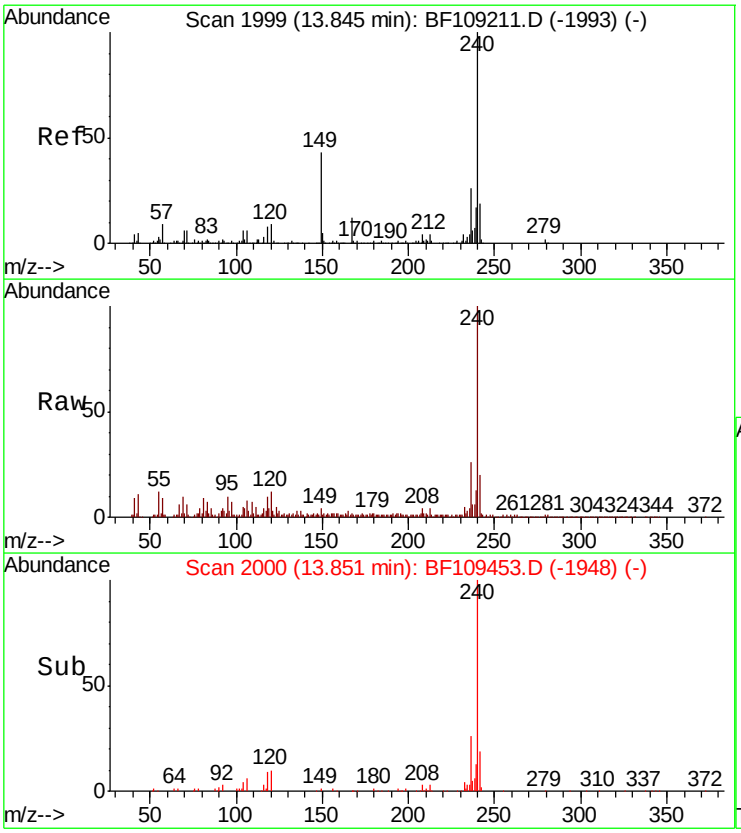
#73
Di-n-butylphthalate
Concen: 2.312 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:149 Resp: 32792

Ion	Ratio	Lower	Upper
149	100		
150	33.5	7.8	11.6#
104	11.0	3.8	5.8#

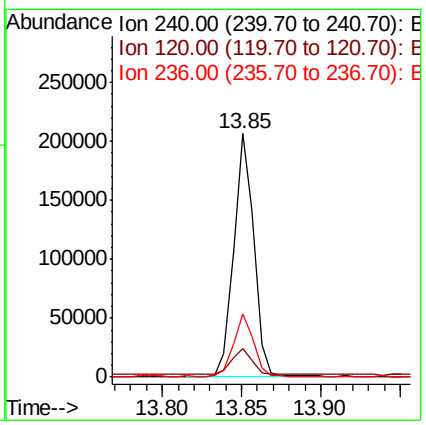


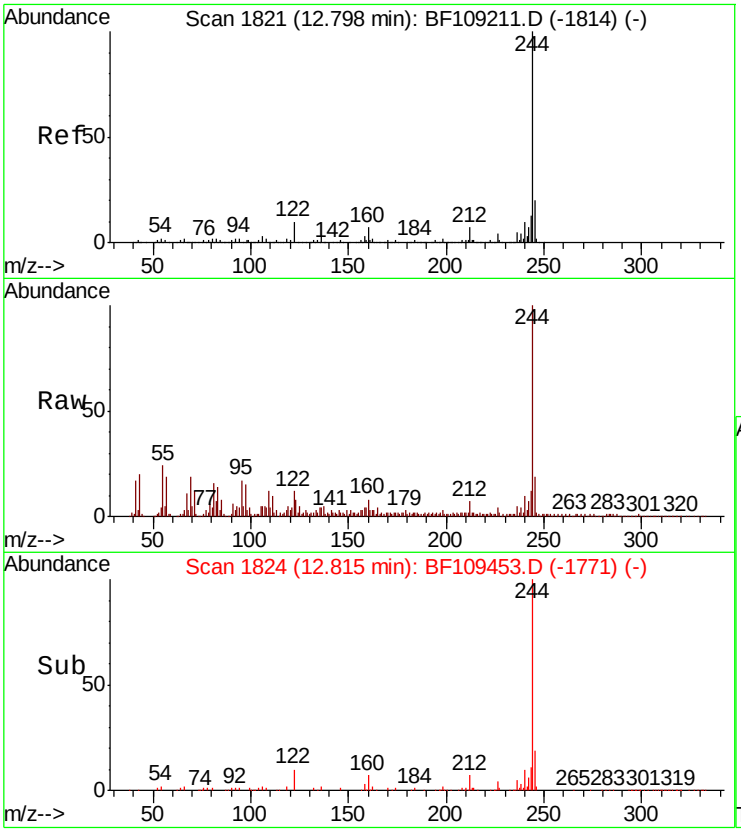


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:240 Resp: 179284

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1



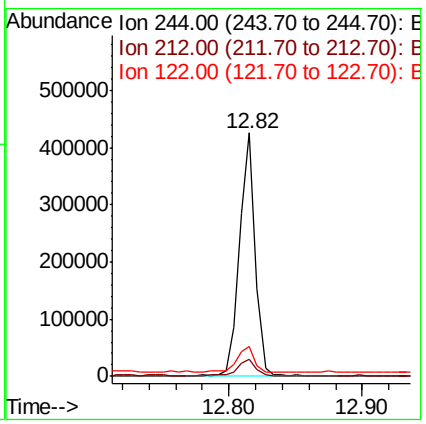


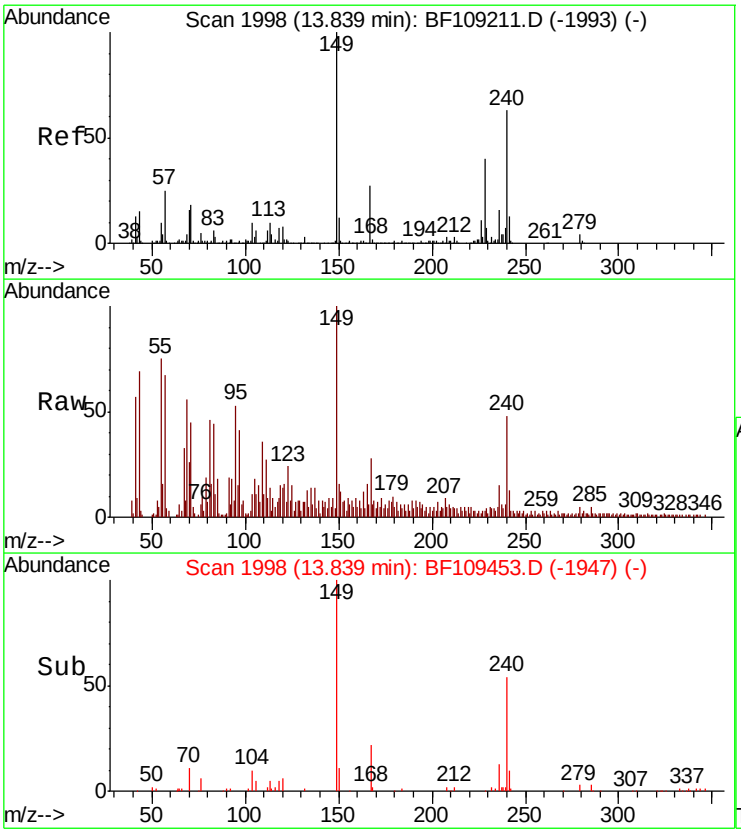
#78
Terphenyl-d14
Concen: 46.906 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:244 Resp: 342661

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

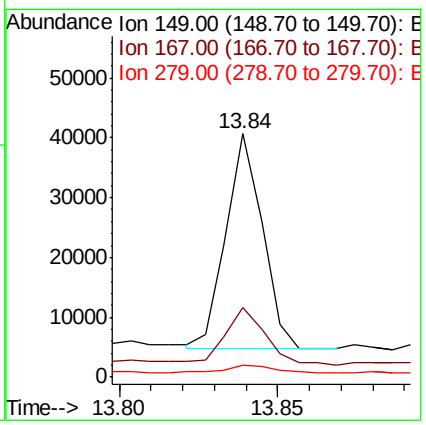


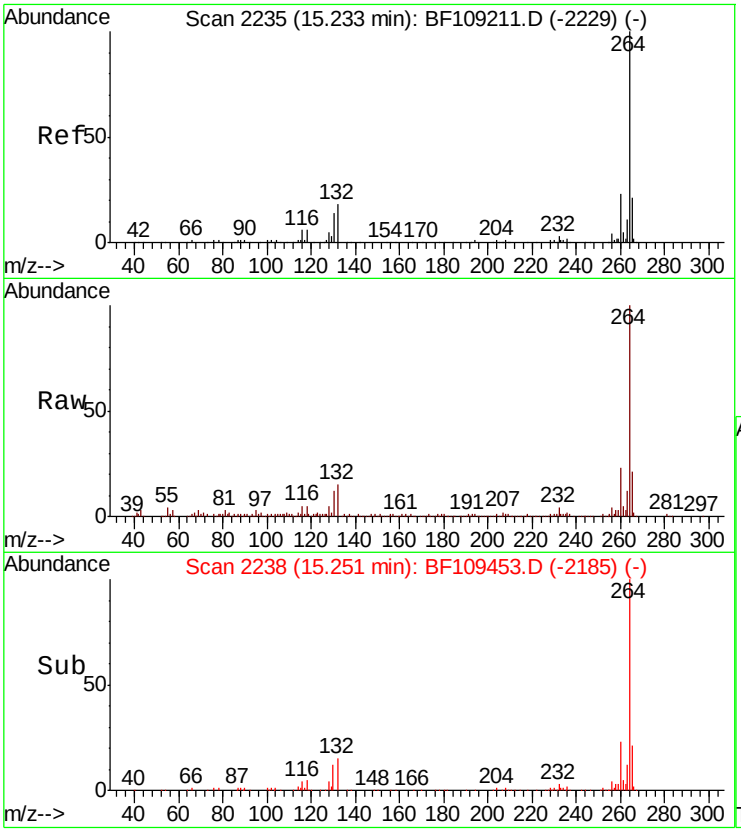


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.189 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Tgt Ion:149 Resp: 28879

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.3	31.9
279	4.7	3.0	4.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109453.D
Acq: 29 Sep 2018 2:27

Instrument :
BNA_F
ClientSampleId :
FOUNDATION-CONTAINMENT-A

Tgt Ion:264 Resp: 203257

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3