Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032219\
Data File : BF113251.D
Acq On : 22 Mar 2019 23:03
Operator : JU/SJ
Sample : K2034-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 22 23:30:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	144223	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	536874	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	250826	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	415452	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	391315	20.00	ng	-0.01
87) Perylene-d12	15.27	264	397873	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	297038	32.04	ng	-0.02
7) Phenol-d6	6.36	99	239422	20.56	ng	-0.02
23) Nitrobenzene-d5	7.27	82	804293	89.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	244572	91.85	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1475845	103.30	ng	-0.02
79) Terphenyl-d14	12.81	244	1176718	58.29	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	104829	14.212	ng	# 76
25) Isophorone	7.27	82	788940	40.816	ng	# 66
51) 2,6-Dinitrotoluene	9.75	165	31667	8.222	ng	# 18
57) 2,4-Dinitrotoluene	9.75	165	31667	6.615	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.53	198	271	4.756	ng	# 1
67) 4-Bromophenyl-phenylether	10.53	248	14028	3.206	ng	# 1

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

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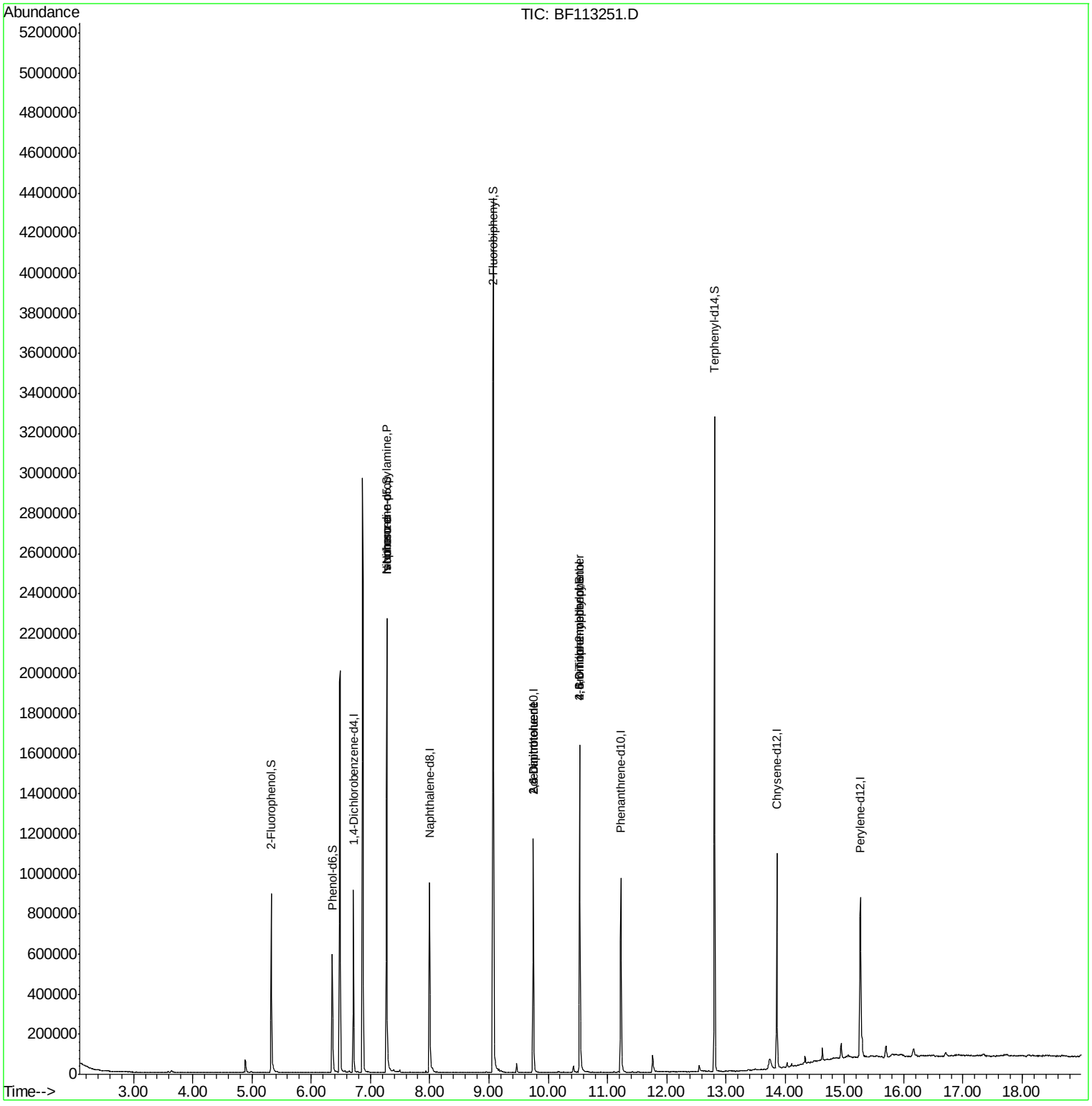
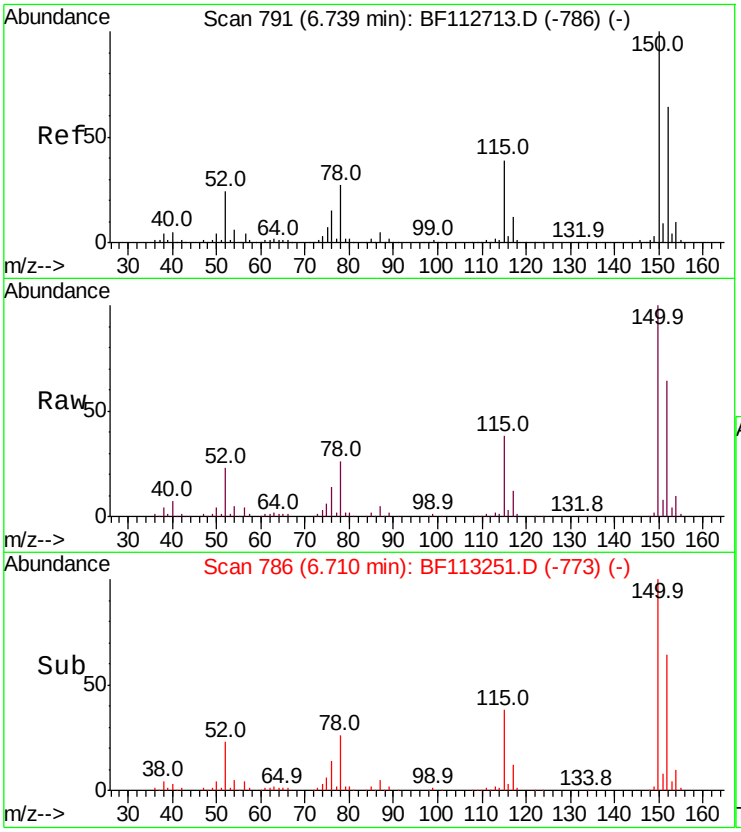


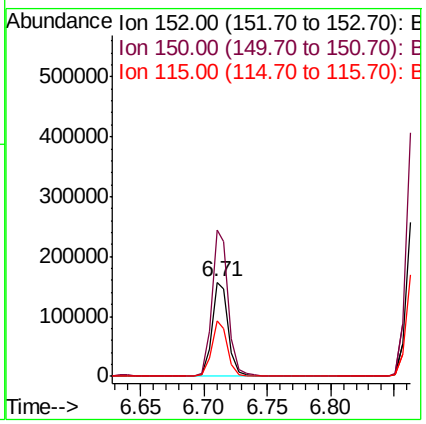


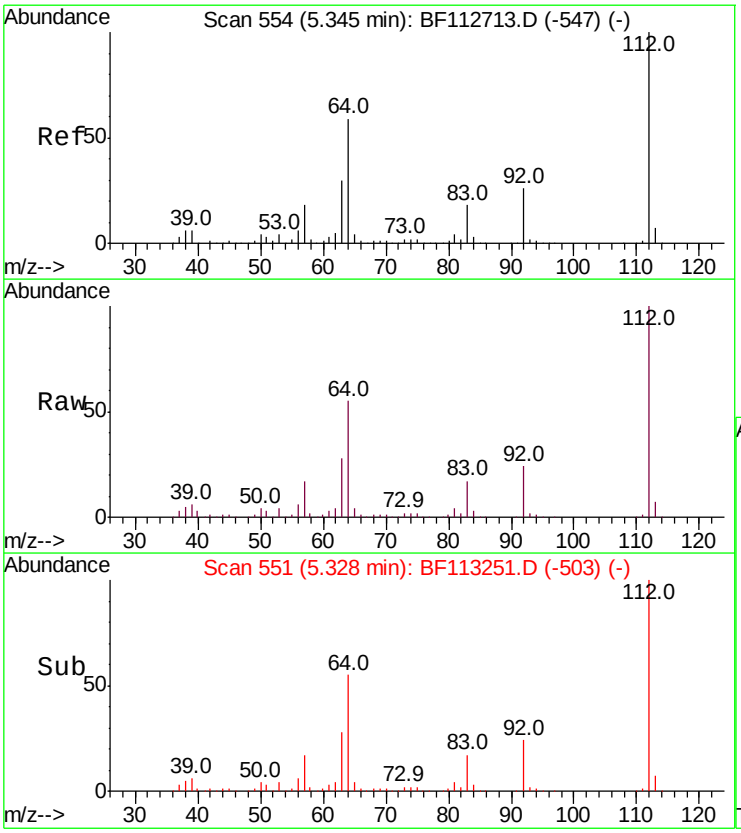
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144223

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.2	186.2
115	58.6	48.2	72.4

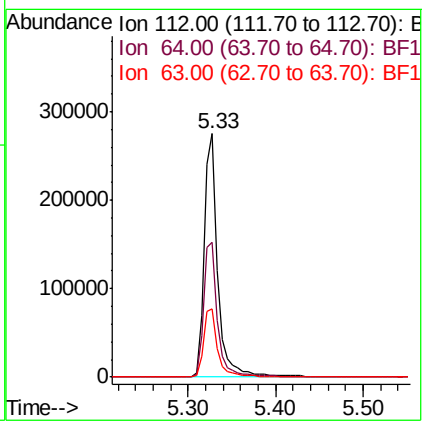


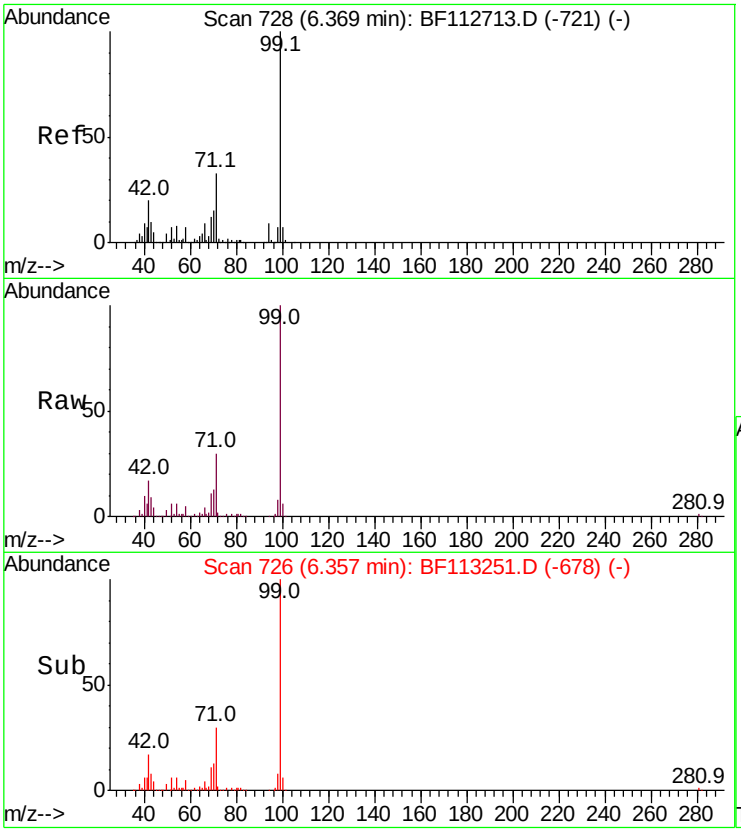


#5
2-Fluorophenol
Concen: 32.038 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:112 Resp: 297038

Ion	Ratio	Lower	Upper
112	100		
64	55.4	47.6	71.4
63	28.0	24.4	36.6



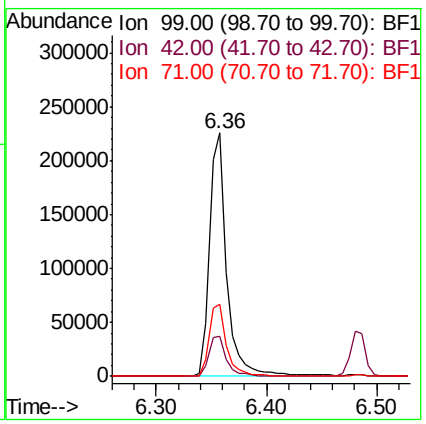


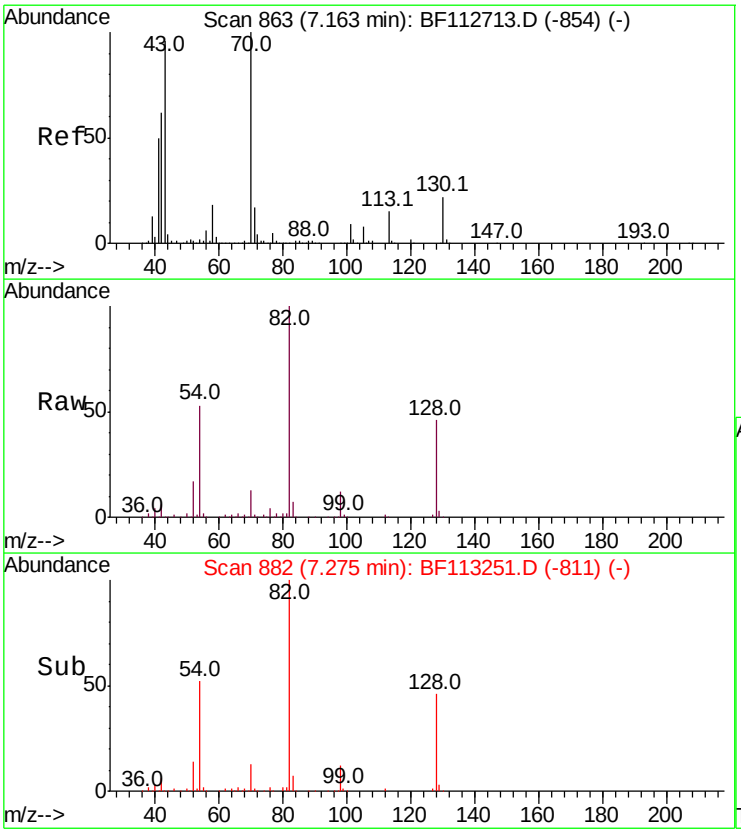
#7
Phenol-d6
Concen: 20.557 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 239422

Ion	Ratio	Lower	Upper
99	100		
42	16.5	16.3	24.5
71	29.7	26.2	39.4

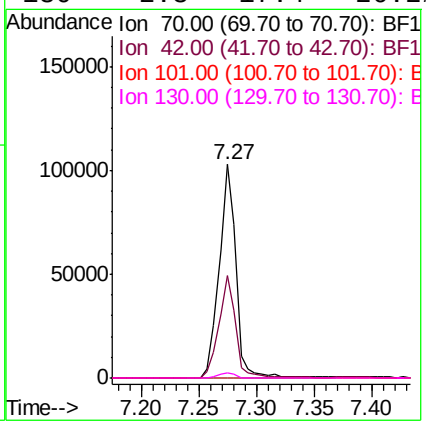


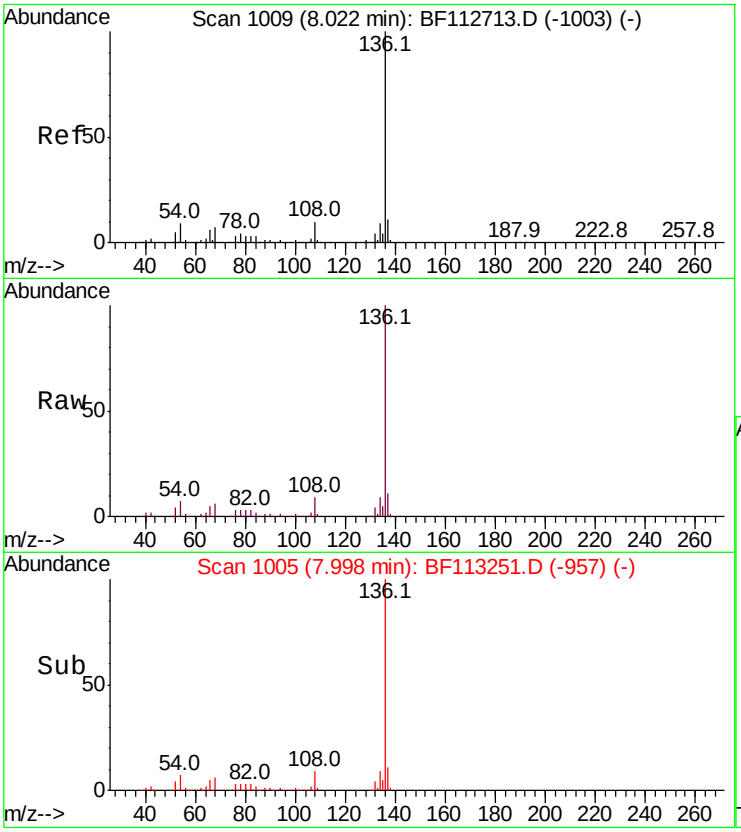


#19
n-Nitroso-di-n-propylamine
Concen: 14.212 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion: 70 Resp: 104829

Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



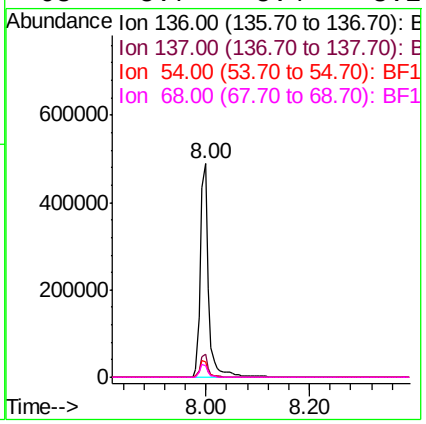


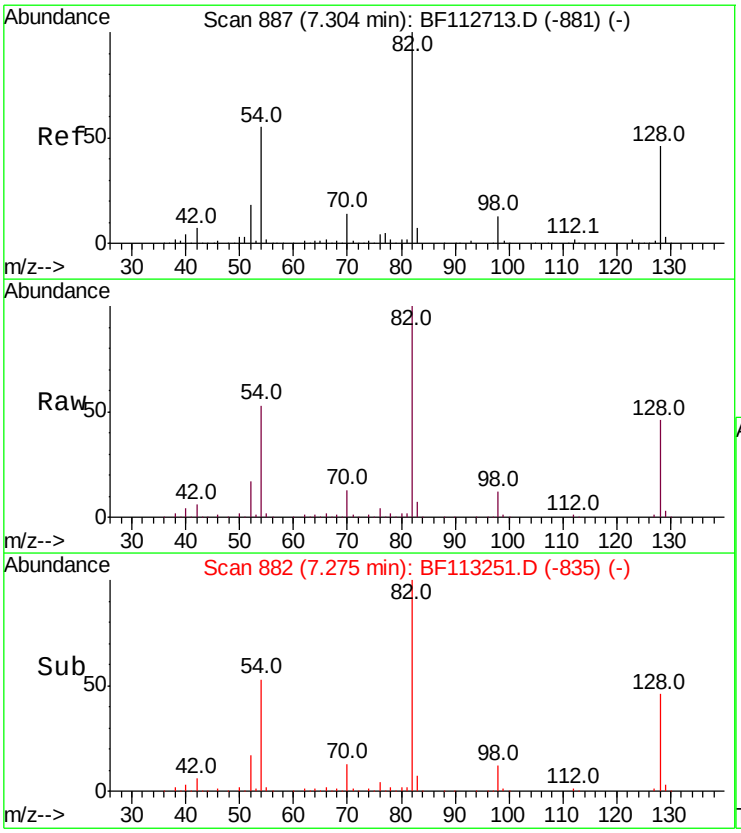
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 536874

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.5	7.3	10.9
68	5.7	5.4	8.2

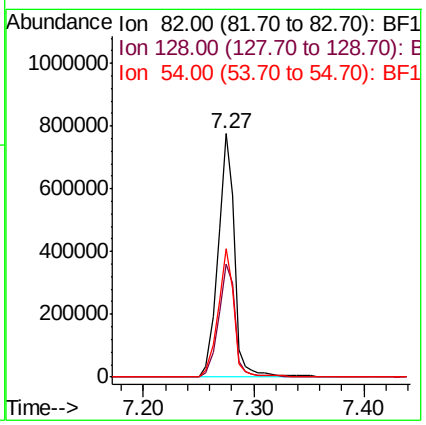


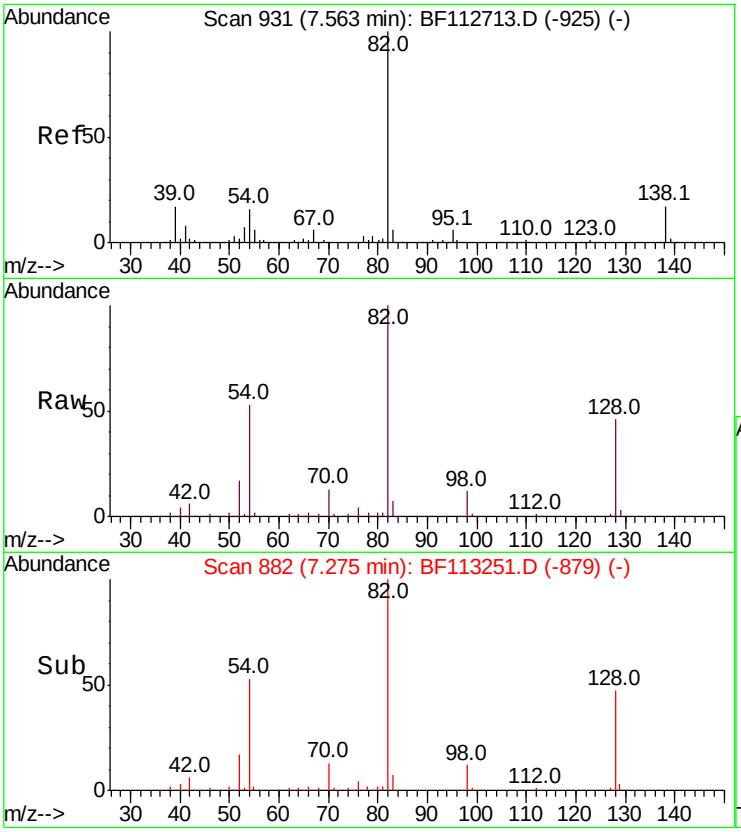


#23
Nitrobenzene-d5
Concen: 89.643 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion: 82 Resp: 804293

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	52.9	43.7	65.5



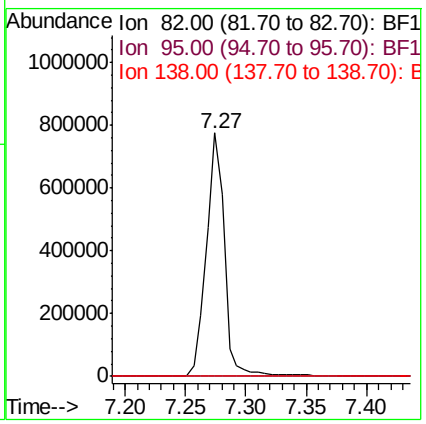


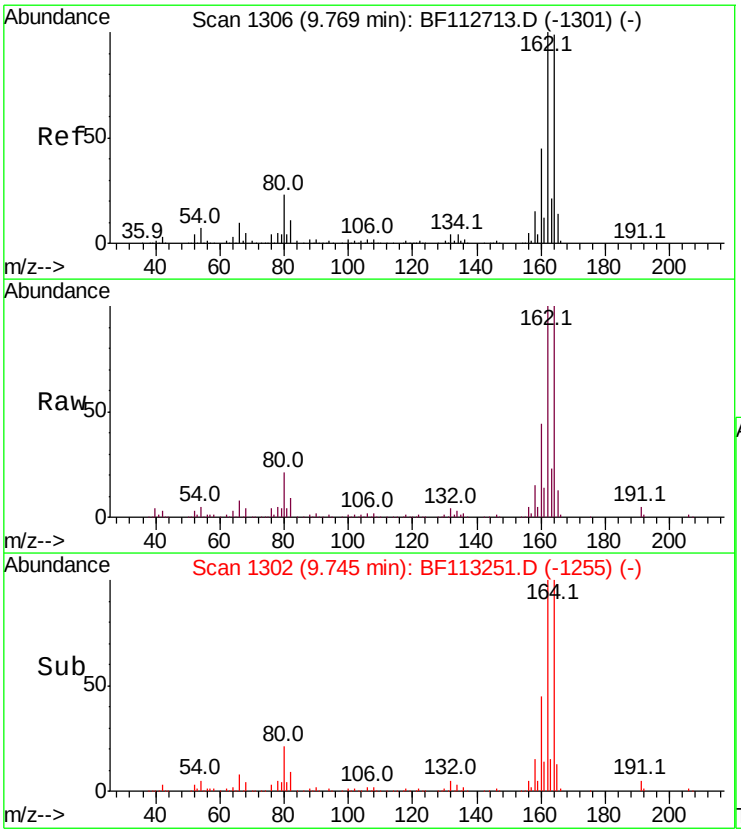
#25
Isophorone
Concen: 40.816 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 788940

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	13.8	20.8#

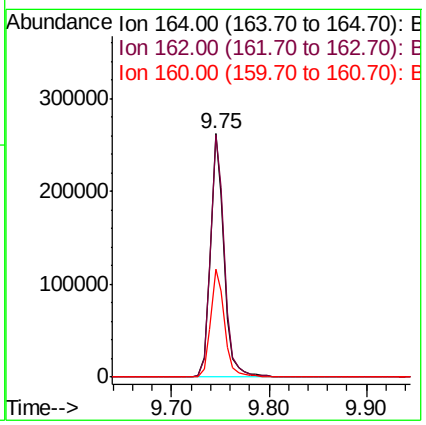


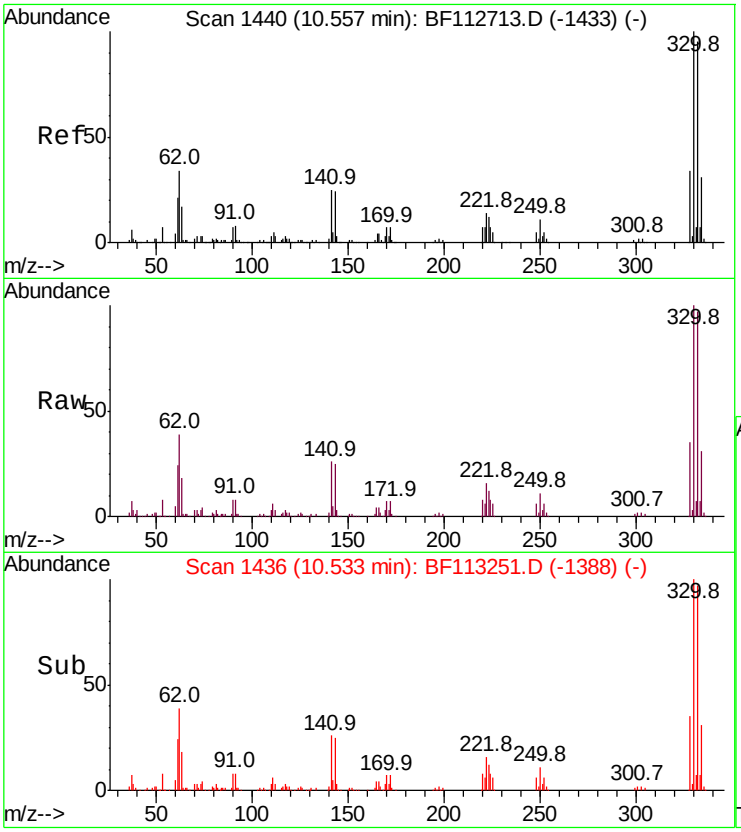


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:164 Resp: 250826

Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.4	36.0	54.0



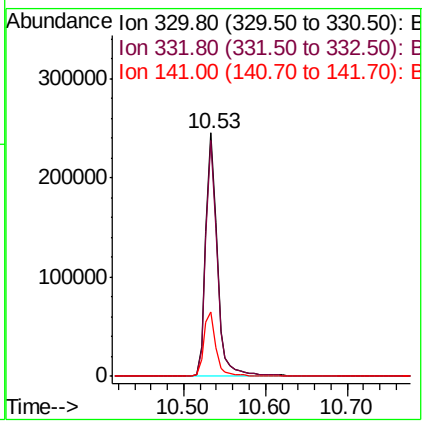


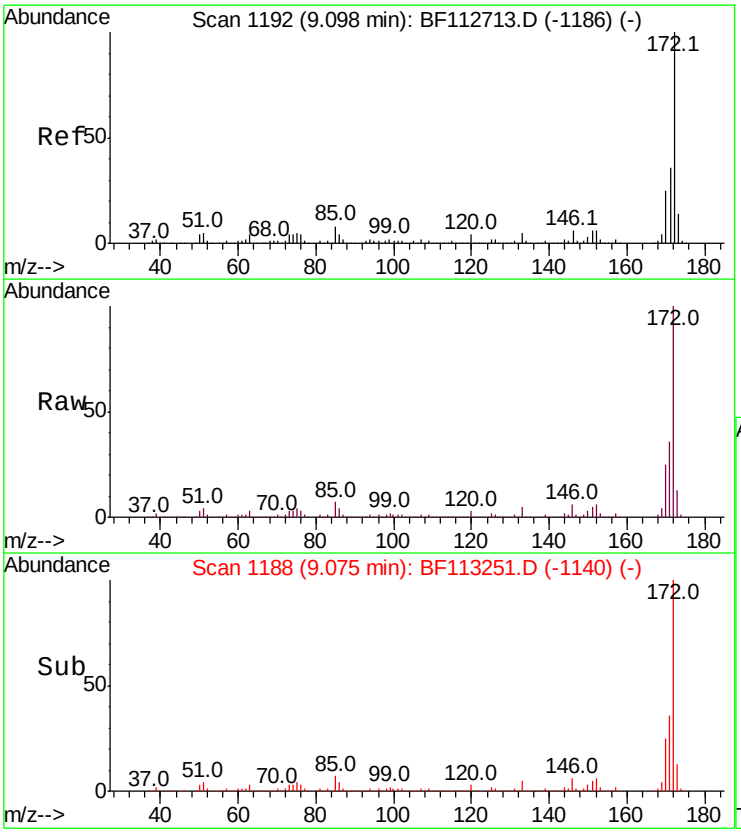
#42
2,4,6-Tribromophenol
Concen: 91.847 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 244572

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	27.5	27.0	40.6

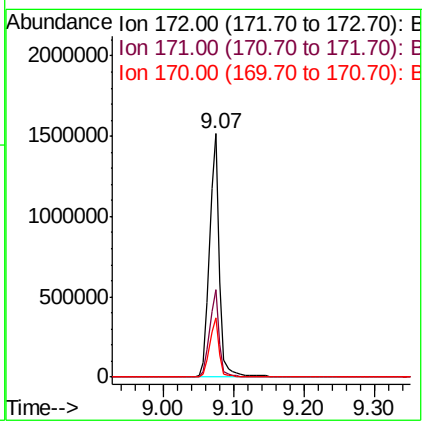


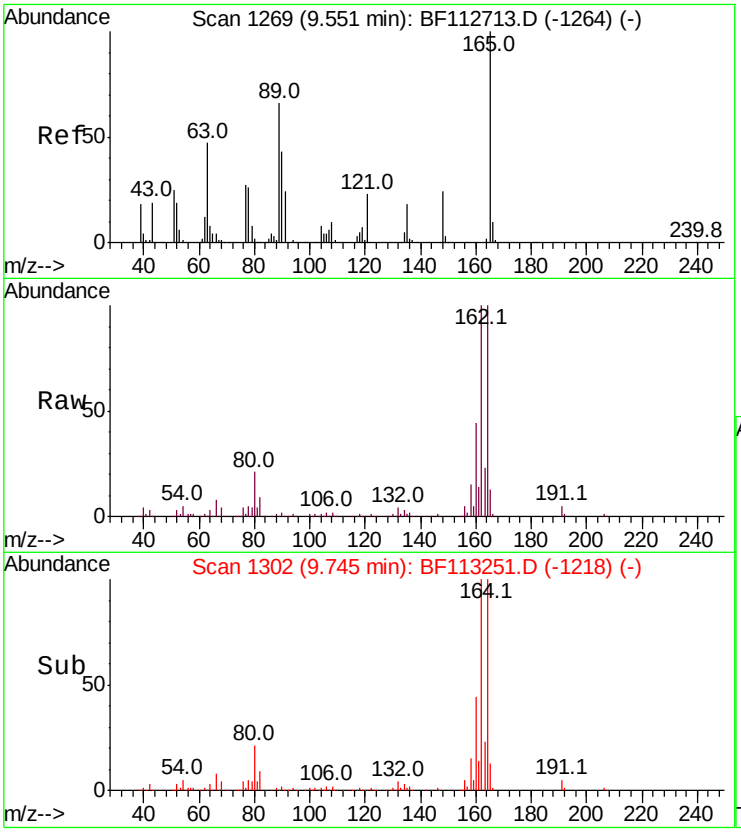


#45
2-Fluorobiphenyl
Concen: 103.300 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:172 Resp: 1475845

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.4
170	24.6	20.0	30.0



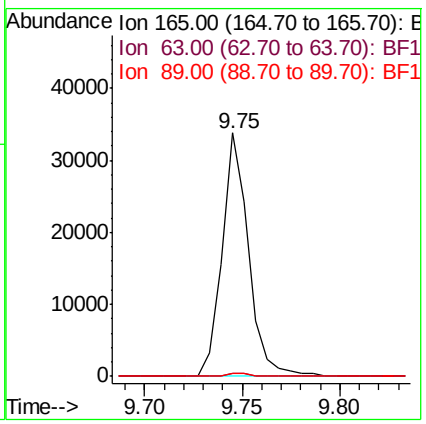


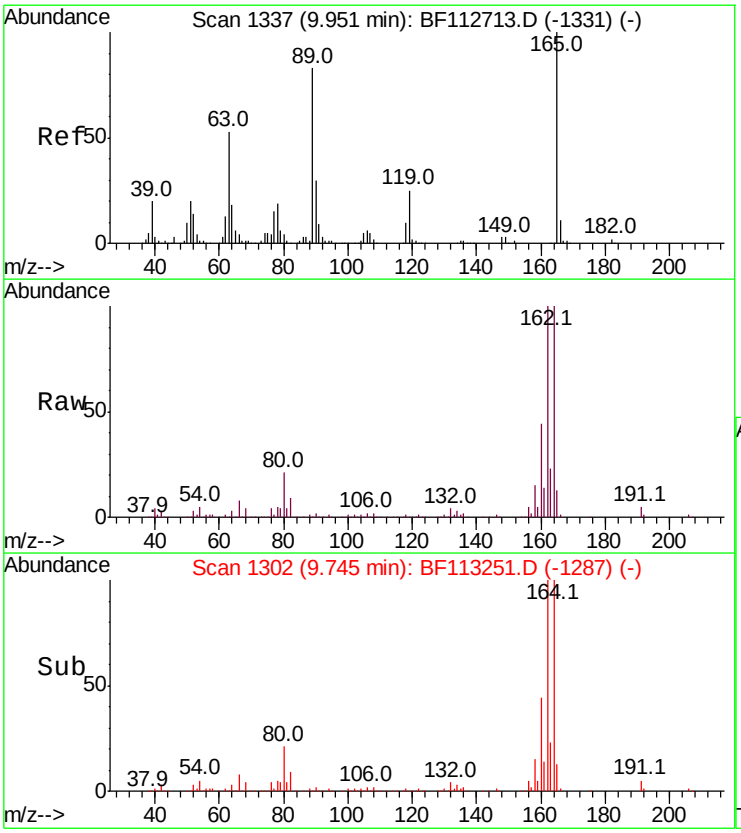
#51
2,6-Dinitrotoluene
Concen: 8.222 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.19 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 31667

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.2	52.8	79.2#

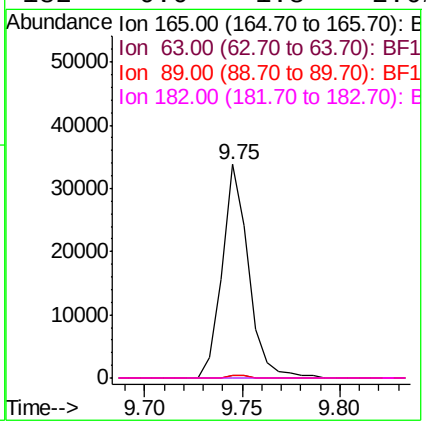


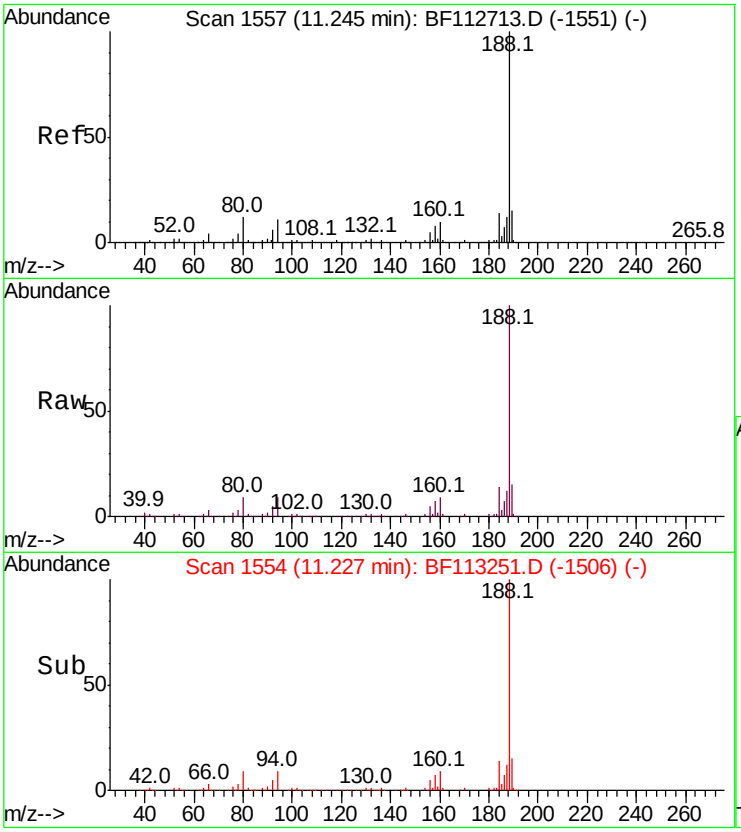


#57
2,4-Dinitrotoluene
Concen: 6.615 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:165 Resp: 31667

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.2	66.2	99.4#
182	0.0	1.8	2.6#



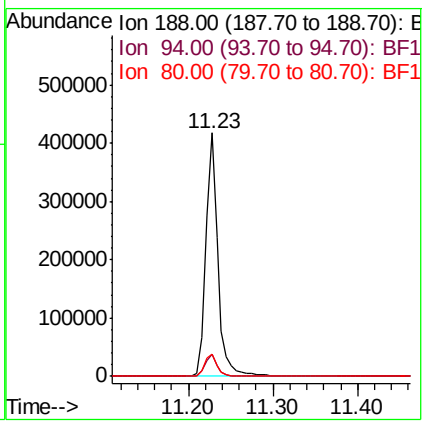


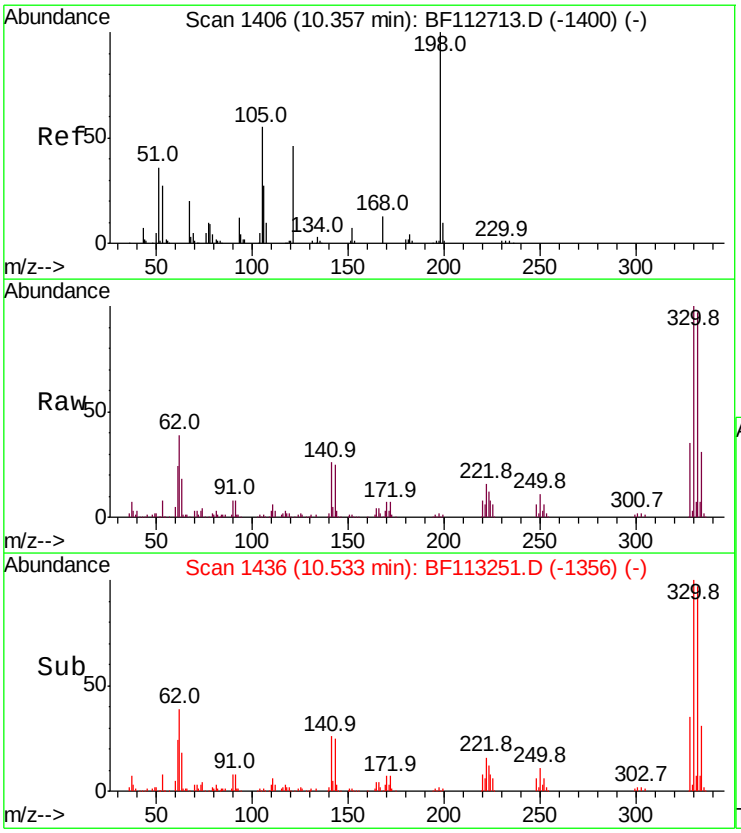
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 415452

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.1	9.2	13.8#

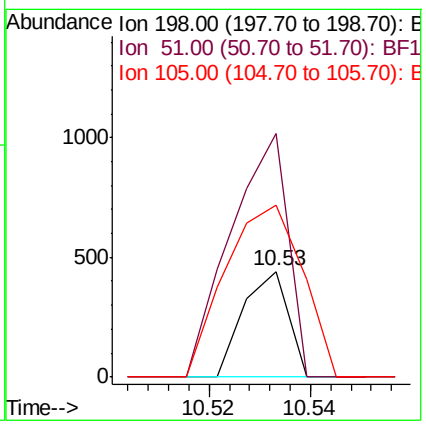


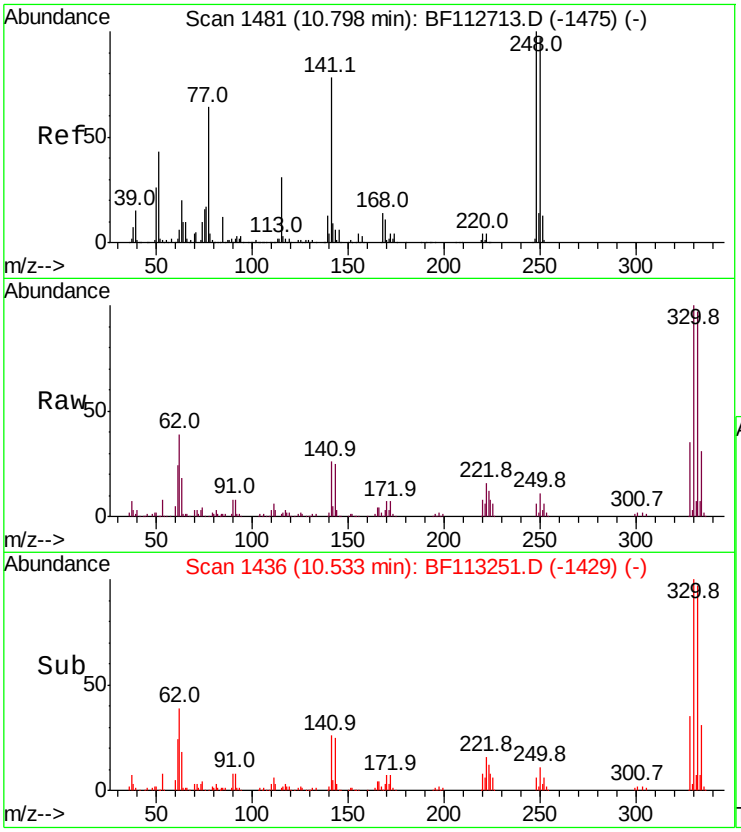


#65
4,6-Dinitro-2-methylphenol
Concen: 4.756 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.17 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:198 Resp: 271

Ion	Ratio	Lower	Upper
198	100		
51	231.1	43.8	83.8#
105	163.0	36.5	76.5#



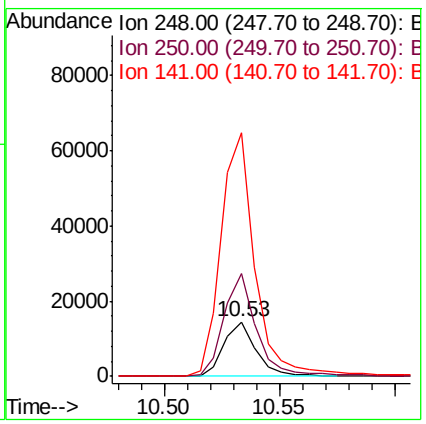


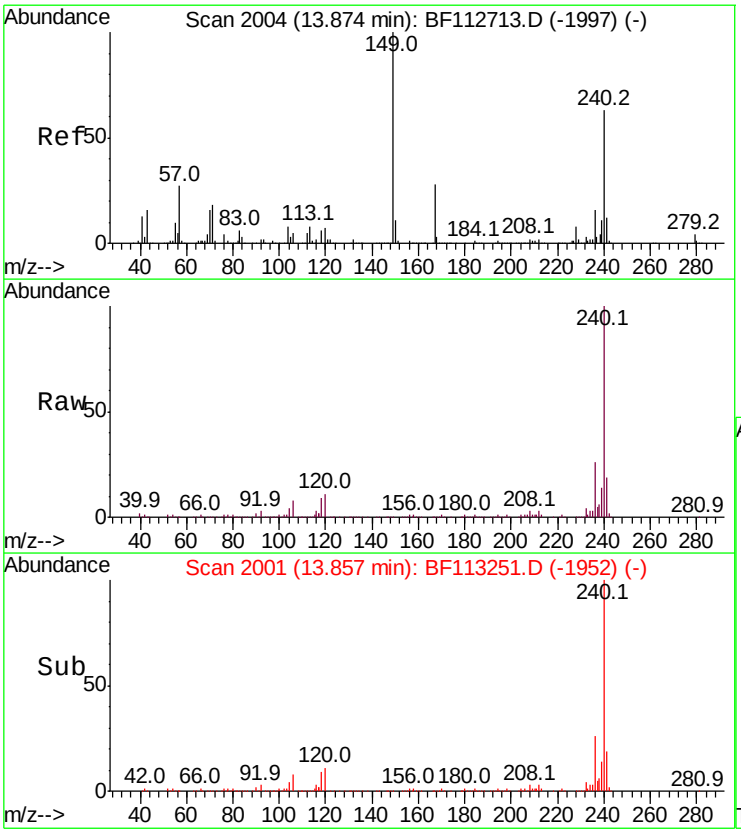
#67
4-Bromophenyl-phenylether
Concen: 3.206 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.26 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 14028

Ion	Ratio	Lower	Upper
248	100		
250	188.9	77.5	116.3#
141	445.0	62.4	93.6#

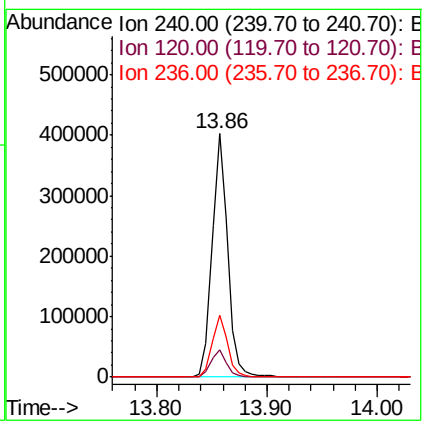


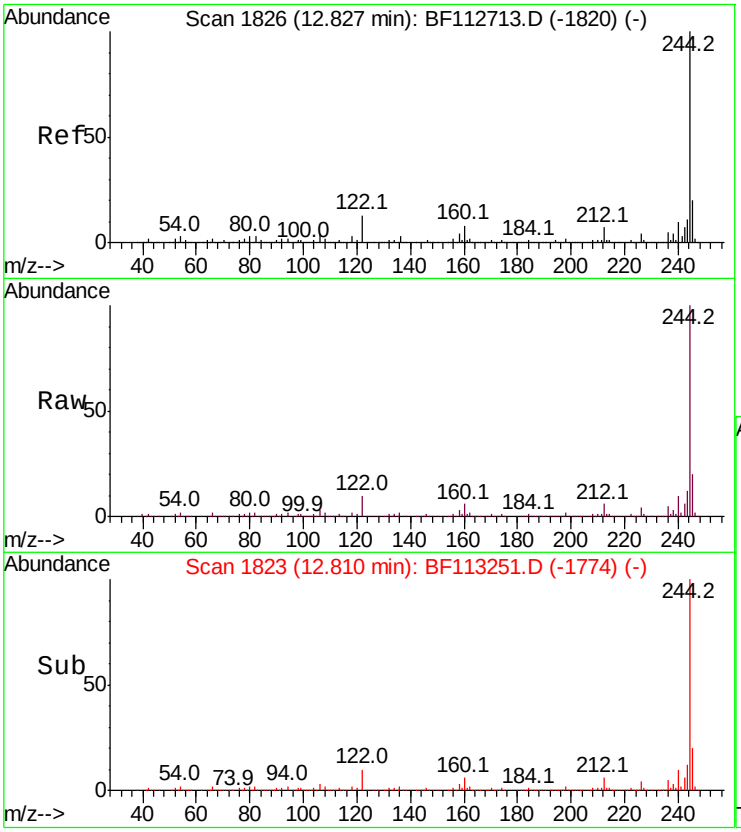


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:240 Resp: 391315

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.7	20.7	31.1



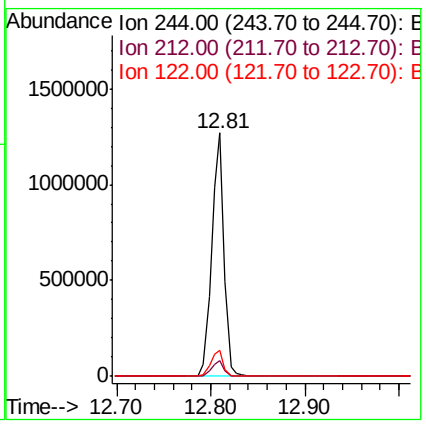


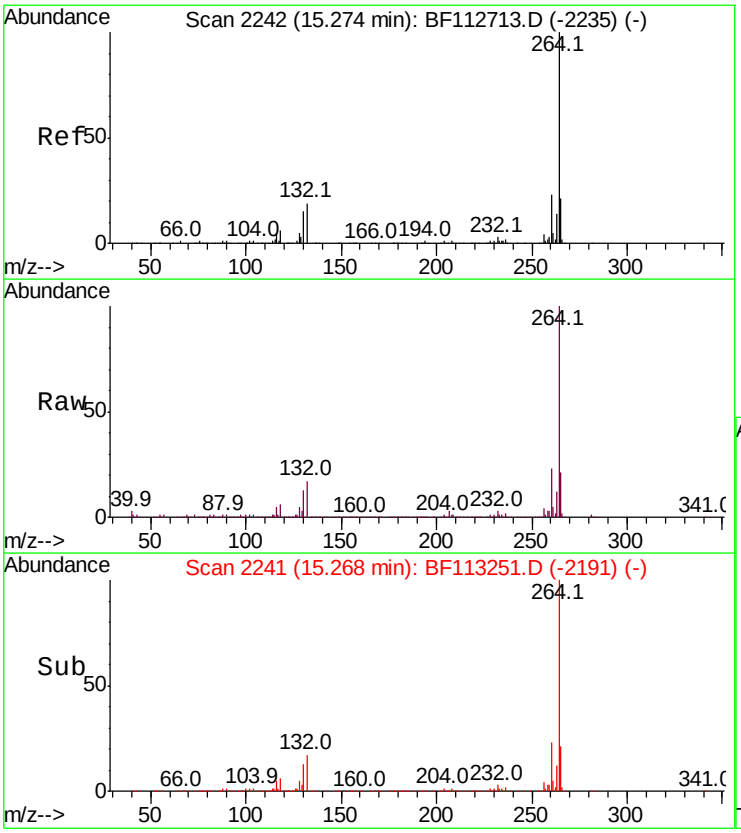
#79
Terphenyl-d14
Concen: 58.292 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1176718

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	10.5	10.5	15.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113251.D
Acq: 22 Mar 2019 23:03

Tgt Ion:264 Resp: 397873

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	17.2	25.8