Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113080.D
Acq On : 15 Mar 2019 22:02
Operator : JU/SJ
Sample : K1901-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(0.5-1.5)

Quant Time: Mar 15 22:57:08 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	6.73	152	149542	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	571924	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	258767	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	566995	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	454236	20.00	ng		0.00
87) Perylene-d12	15.27	264	433035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	649322	67.54	ng		0.00
7) Phenol-d6	6.37	99	879652	72.84	ng		0.00
23) Nitrobenzene-d5	7.29	82	624769	65.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	262497	95.55	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1235403	77.21	ng		0.00
79) Terphenyl-d14	12.82	244	1294779	55.26	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	82764	10.821	ng	#	74
25) Isophorone	7.29	82	619712	30.096	ng	#	66
50) Dimethylphthalate	9.47	163	88697	4.649	ng		98
51) 2,6-Dinitrotoluene	9.76	165	32730	8.238	ng	#	18
57) 2,4-Dinitrotoluene	9.76	165	32730	6.627	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.54	198	362	4.753	ng	#	1
67) 4-Bromophenyl-phenylether	10.55	248	14180	2.374	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
Data File : BF113080.D
Acq On : 15 Mar 2019 22:02
Operator : JU/SJ
Sample : K1901-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Quant Time: Mar 15 22:57:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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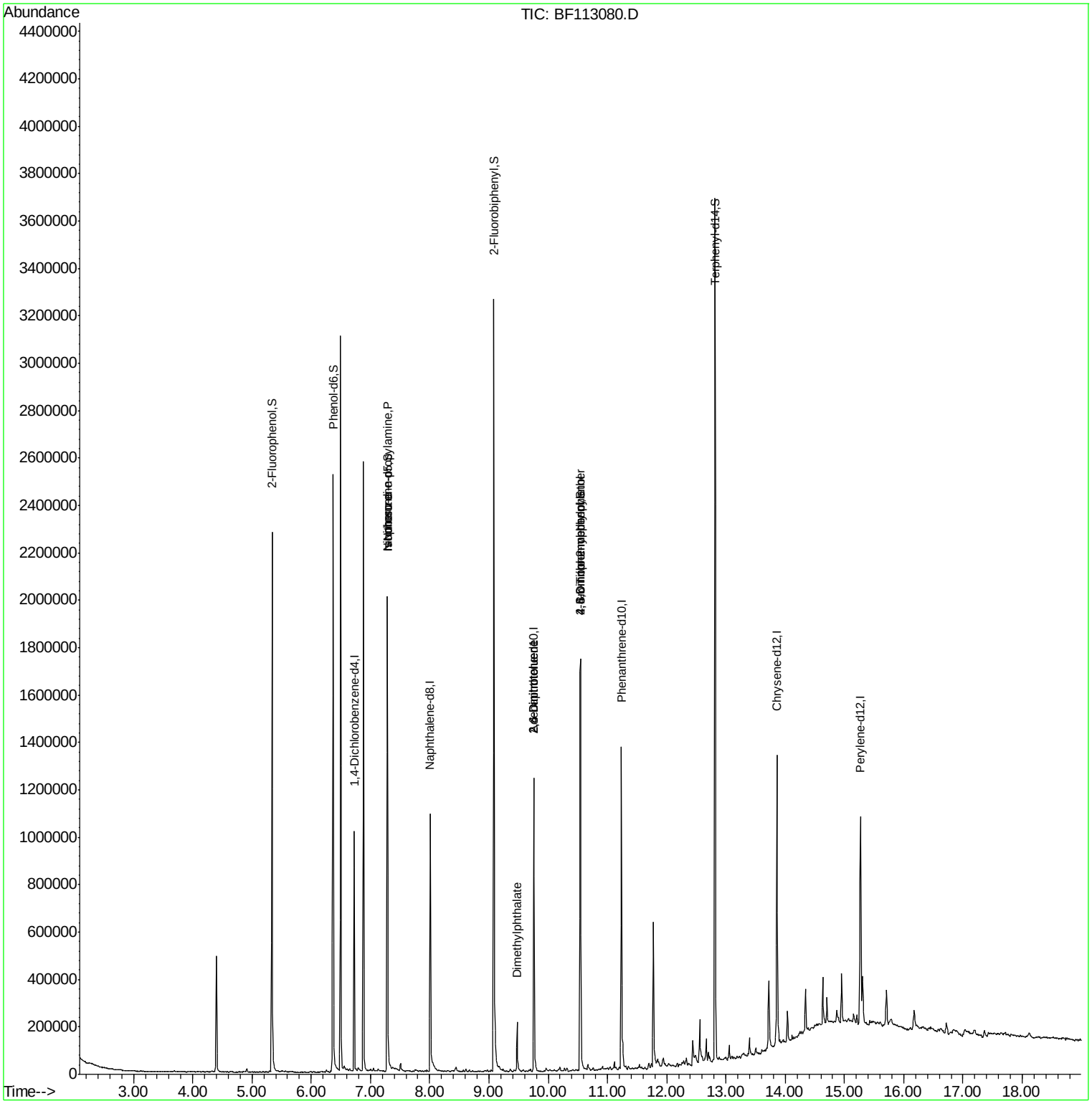
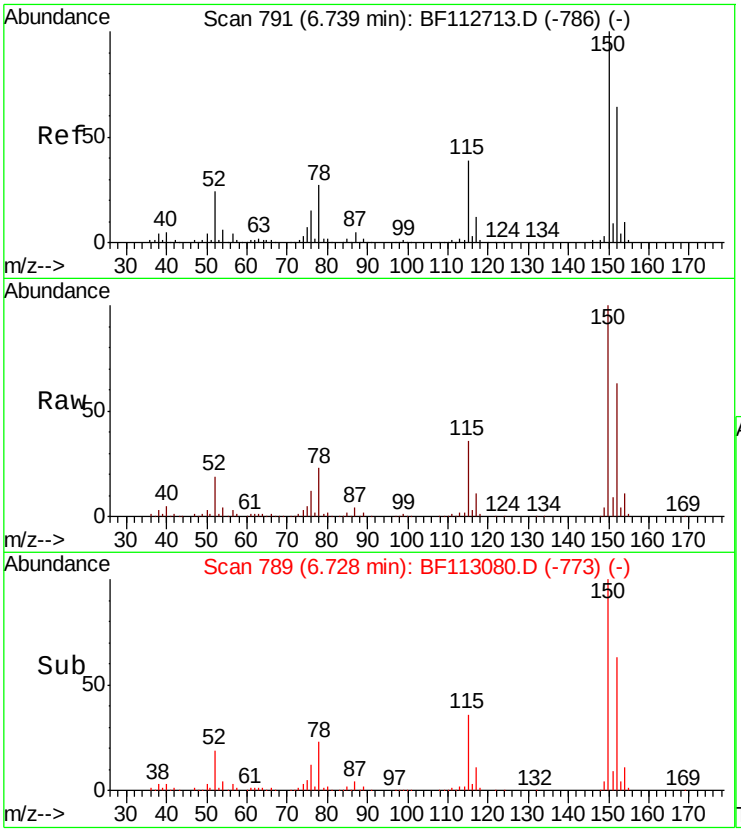


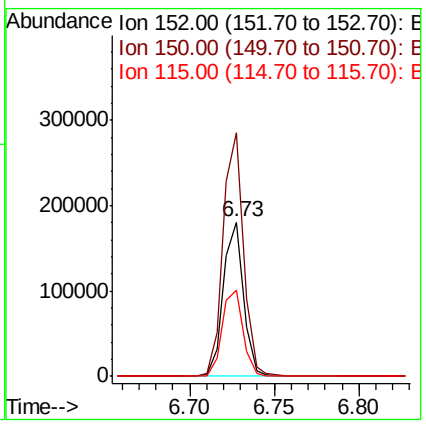


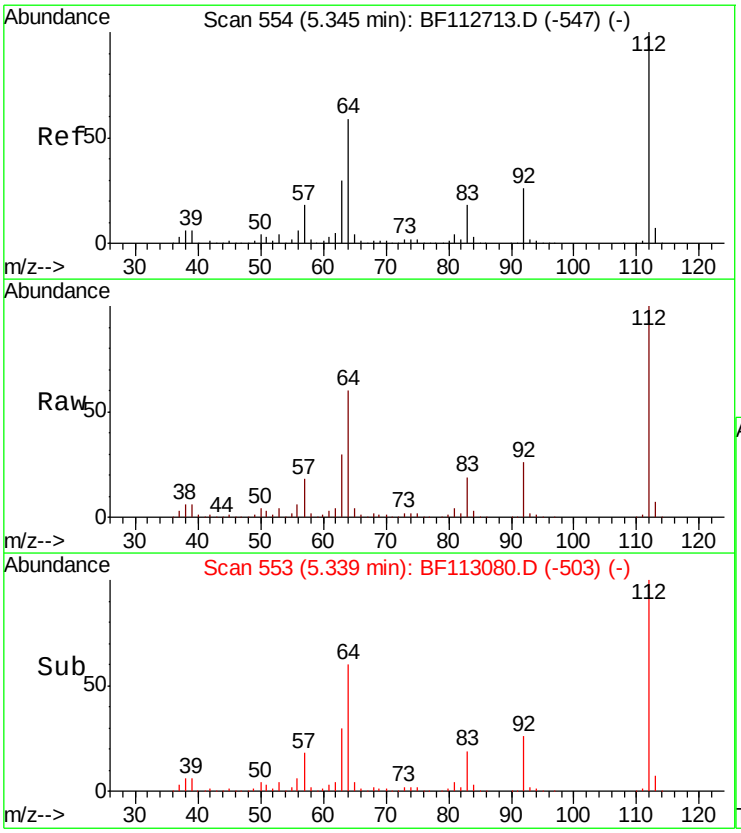
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:152 Resp: 149542

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	56.3	48.2	72.4

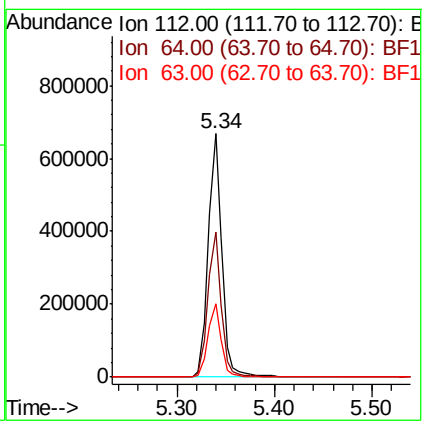


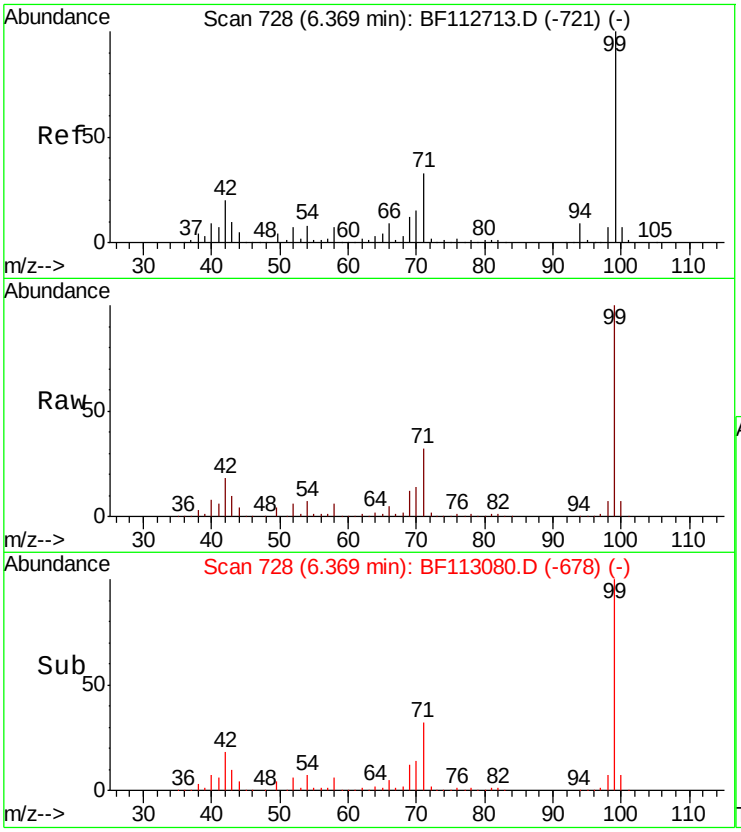


#5
2-Fluorophenol
Concen: 67.543 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:112 Resp: 649322

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	30.1	24.4	36.6



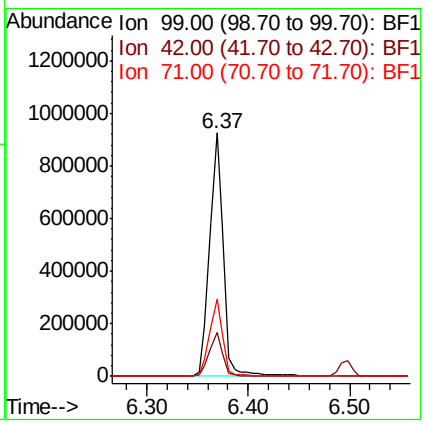


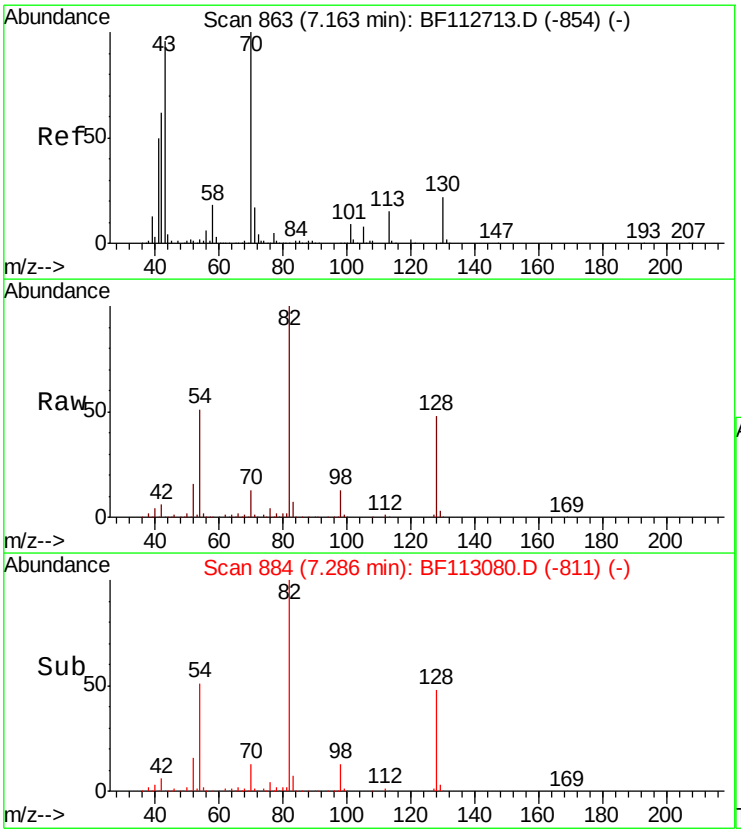
#7
Phenol-d6
Concen: 72.842 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion: 99 Resp: 879652

Ion	Ratio	Lower	Upper
99	100		
42	18.3	16.3	24.5
71	31.6	26.2	39.4

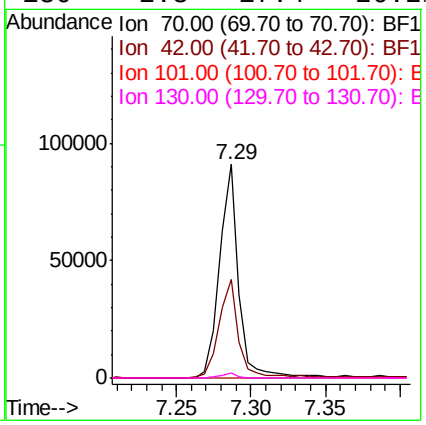


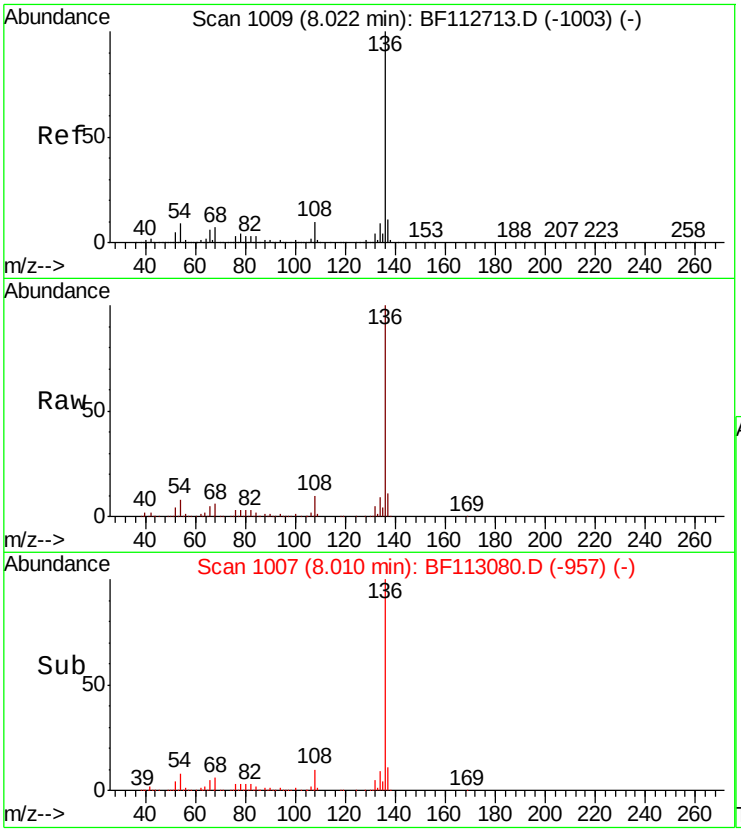


#19
n-Nitroso-di-n-propylamine
Concen: 10.821 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion: 70 Resp: 82764

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.9	74.9#
101	0.0	7.4	11.2#
130	2.3	17.4	26.2#



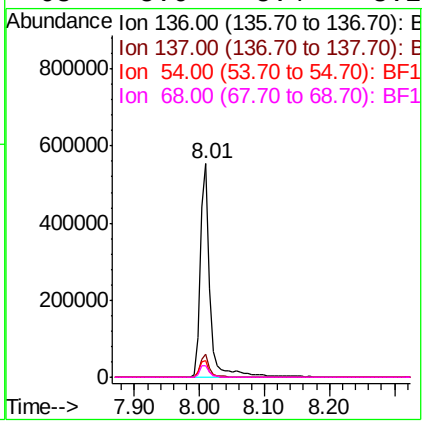


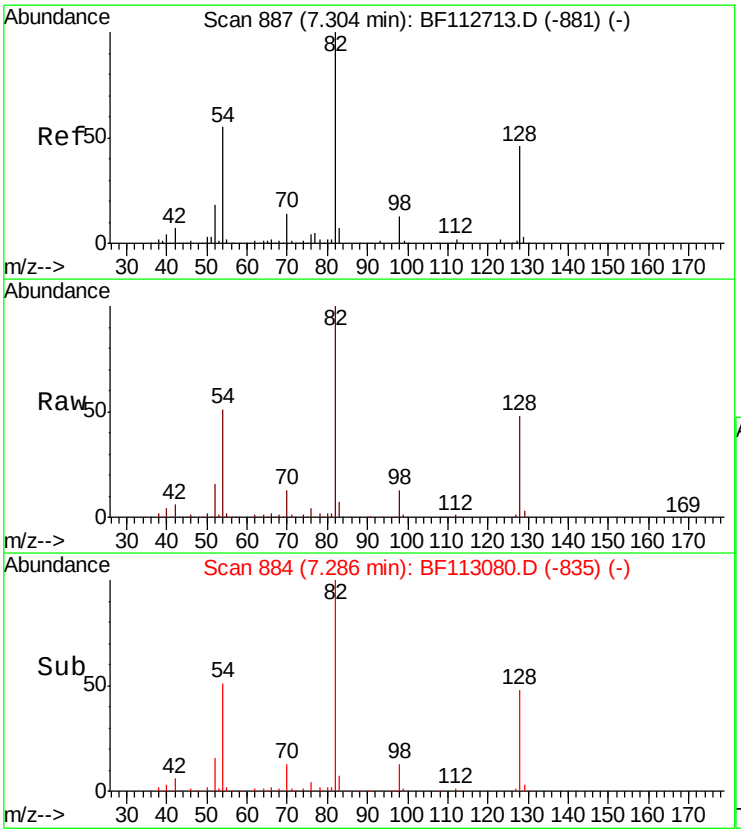
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:136 Resp: 571924

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.3	10.9
68	5.6	5.4	8.2

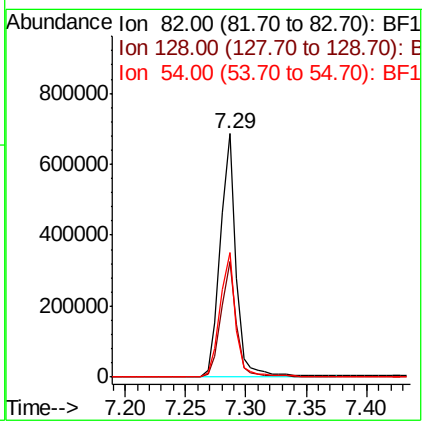


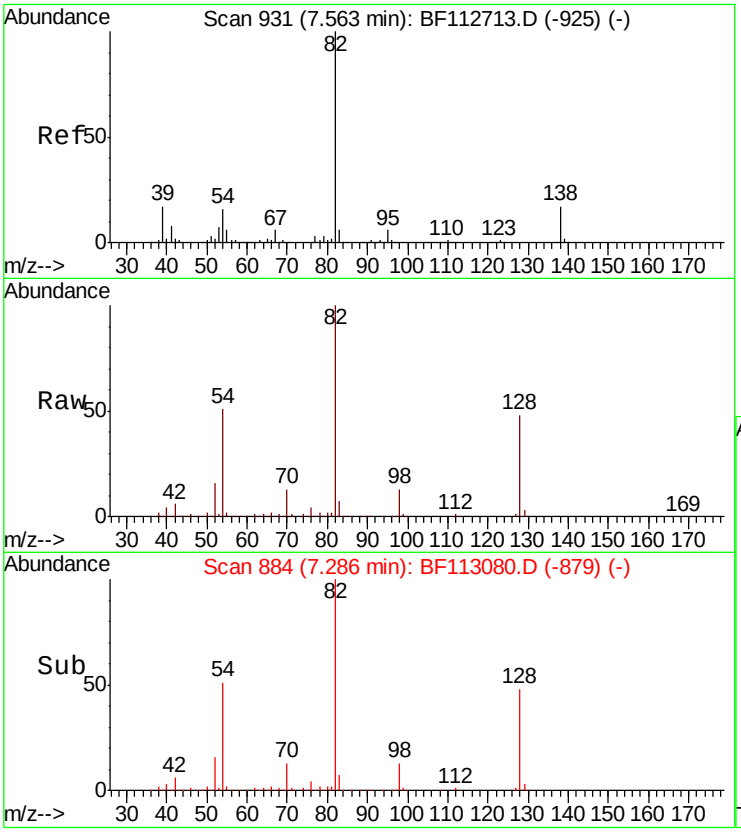


#23
Nitrobenzene-d5
Concen: 65.367 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion: 82 Resp: 624769

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.3	54.5
54	51.1	43.7	65.5



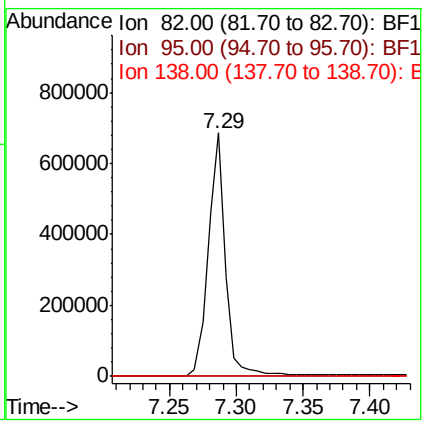


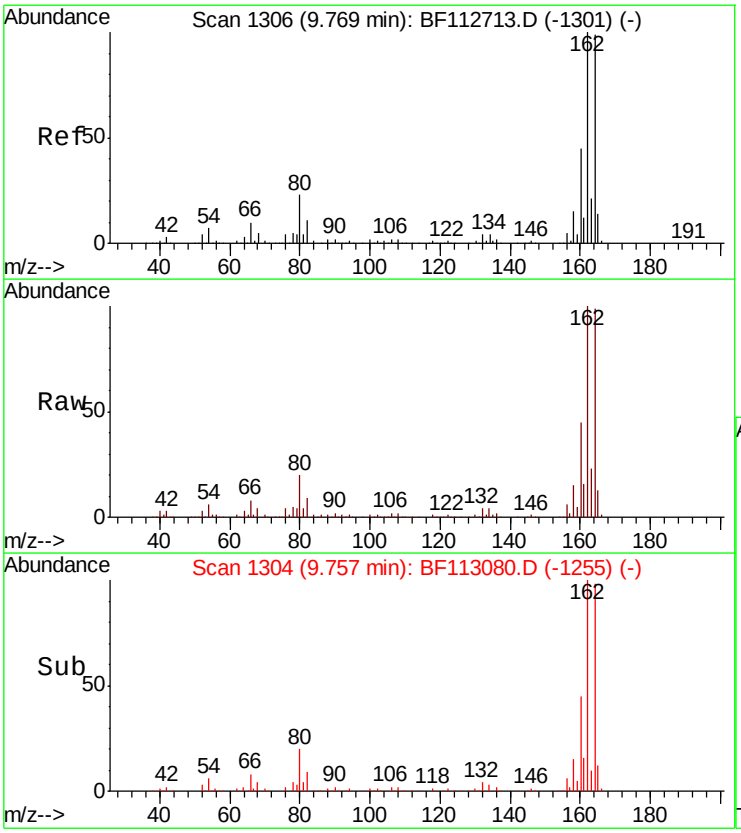
#25
Isophorone
Concen: 30.096 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion: 82 Resp: 619712

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

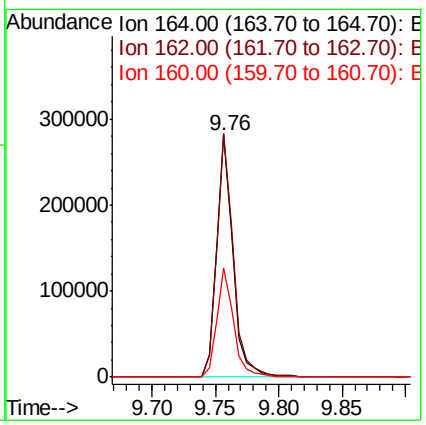


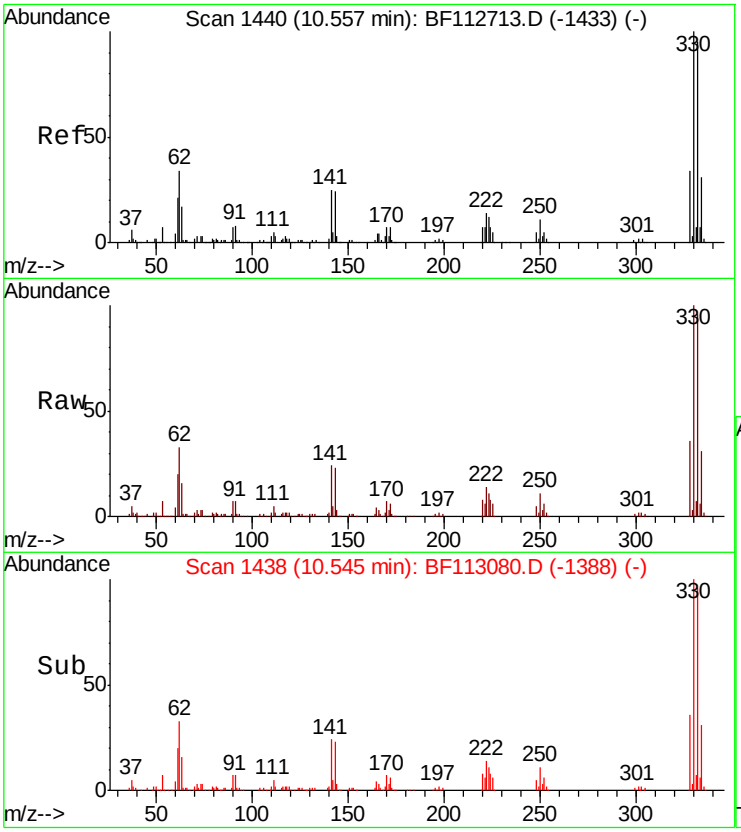


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:164 Resp: 258767

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.6	120.8
160	45.3	36.0	54.0



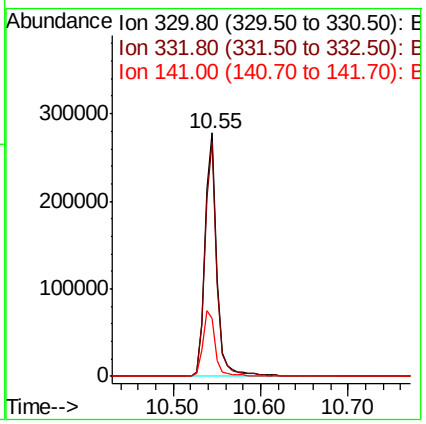


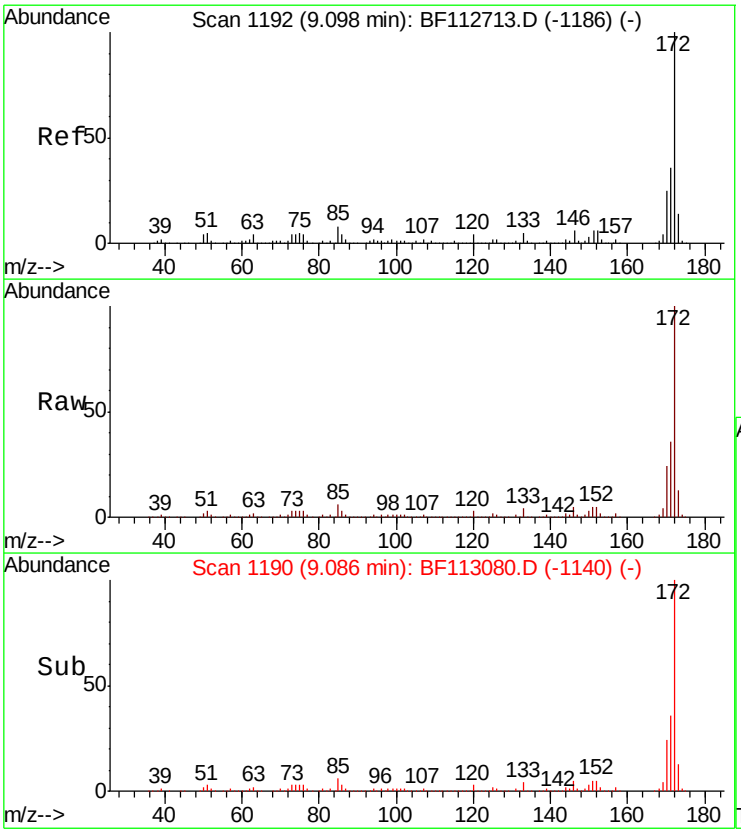
#42
2,4,6-Tribromophenol
Concen: 95.553 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:330 Resp: 262497

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	28.6	27.0	40.6

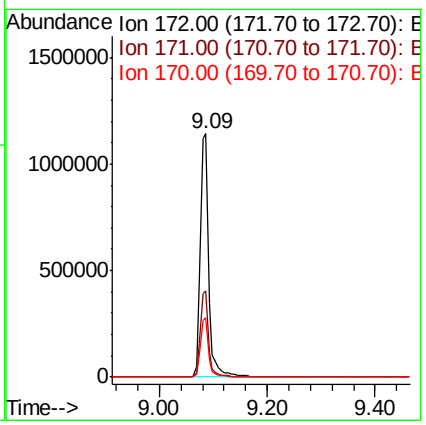


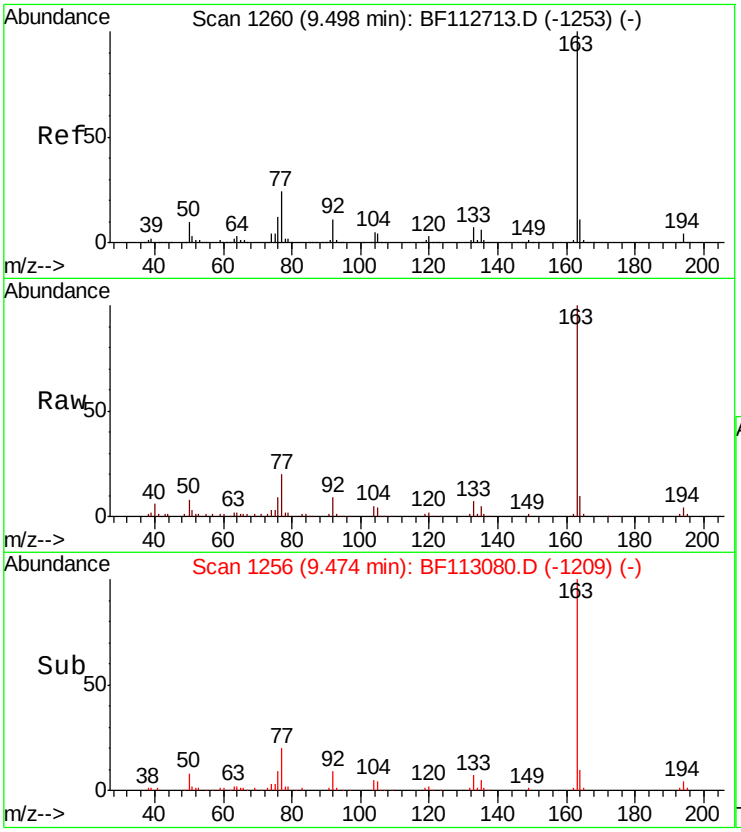


#45
2-Fluorobiphenyl
Concen: 77.208 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:172 Resp: 1235403

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.2	20.0	30.0



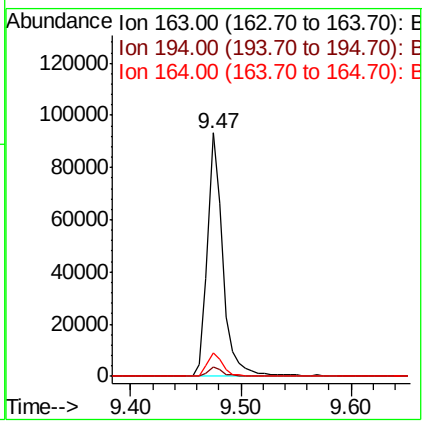


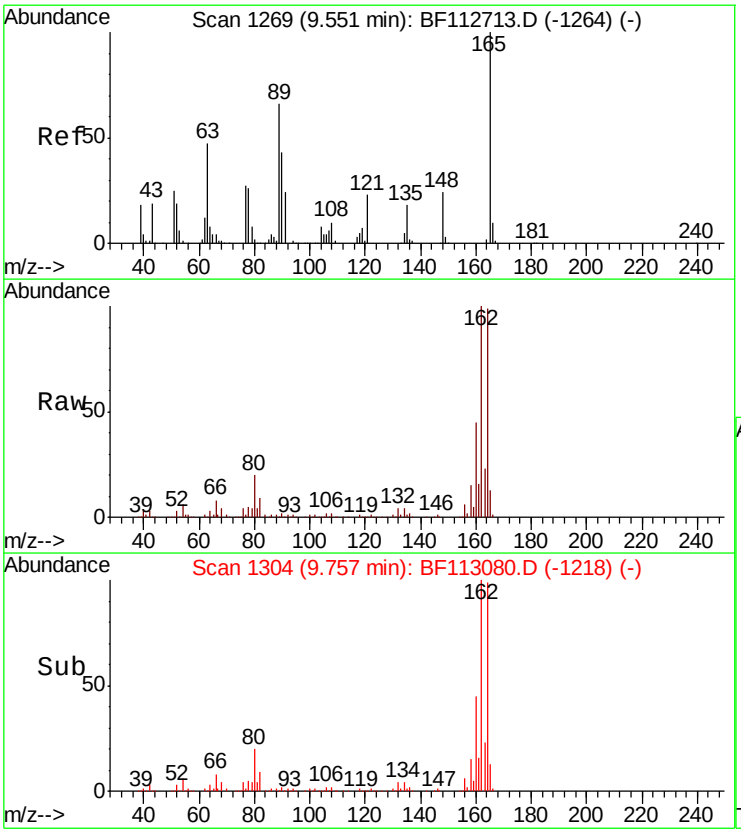
#50
Dimethylphthalate
Concen: 4.649 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:163 Resp: 88697

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.5	8.4	12.6

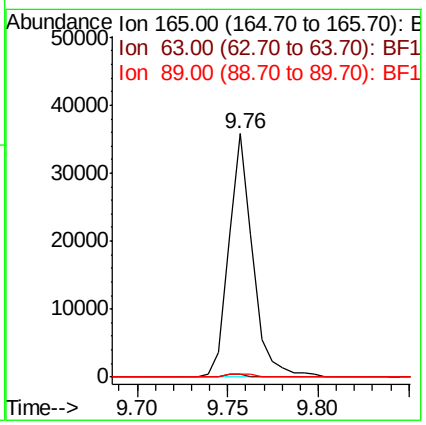


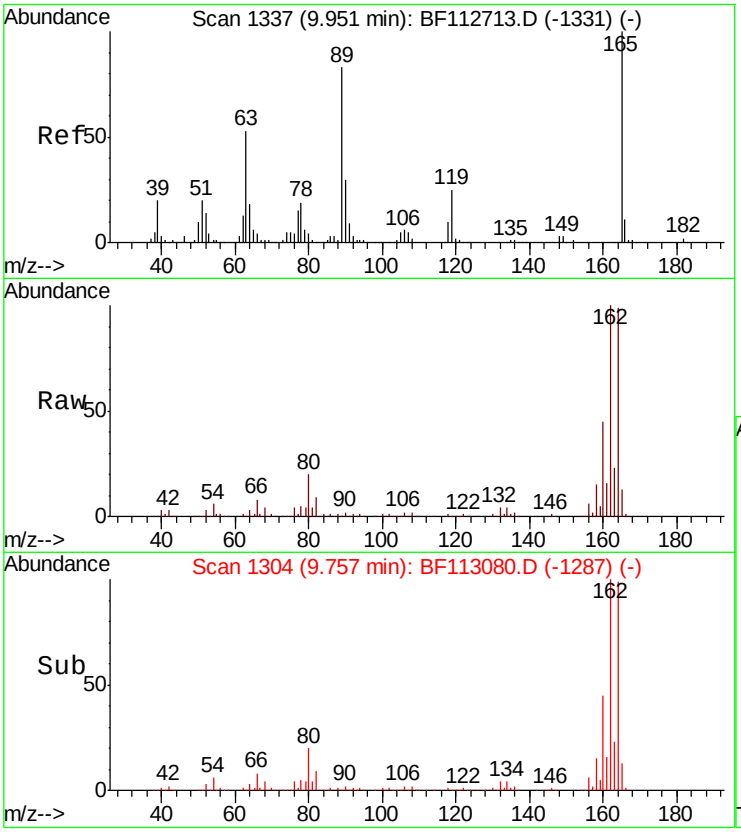


#51
2,6-Dinitrotoluene
Concen: 8.238 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:165 Resp: 32730

Ion	Ratio	Lower	Upper
165	100		
63	1.0	54.1	81.1#
89	1.1	52.8	79.2#



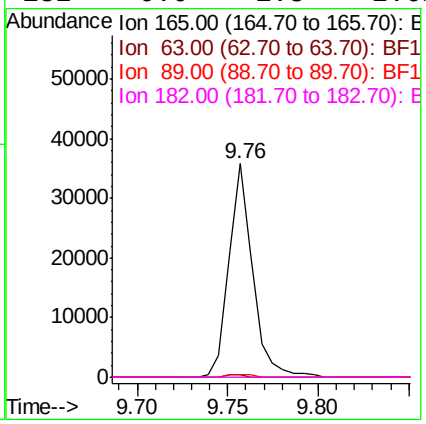


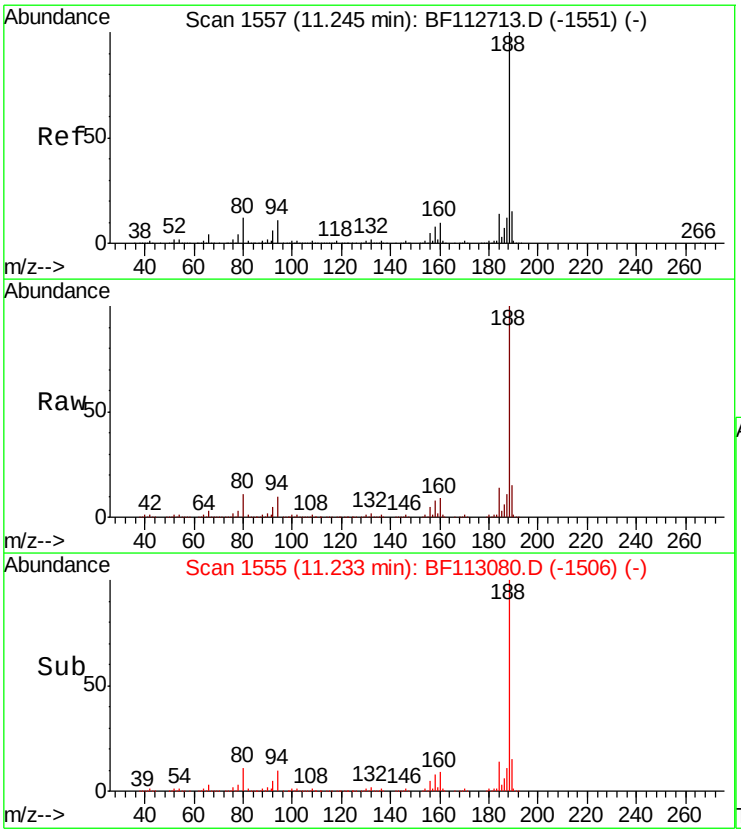
#57
2,4-Dinitrotoluene
Concen: 6.627 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:165 Resp: 32730

Ion	Ratio	Lower	Upper
165	100		
63	1.0	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#

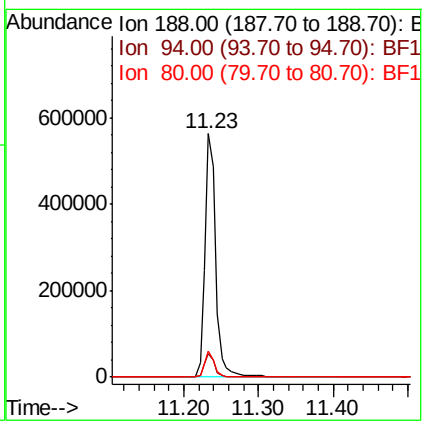


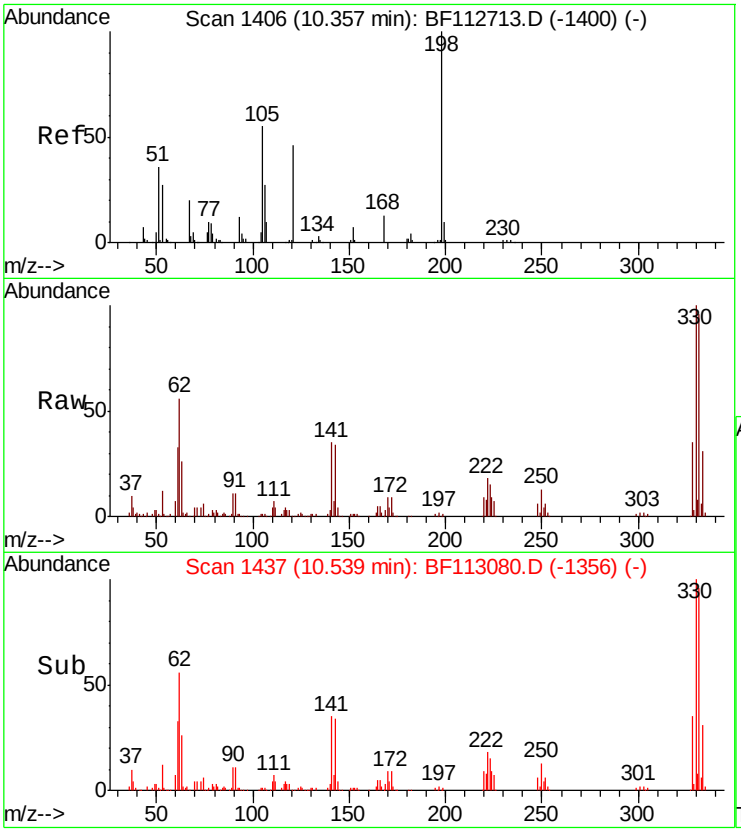


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:188 Resp: 566995

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.0	13.4
80	10.5	9.2	13.8



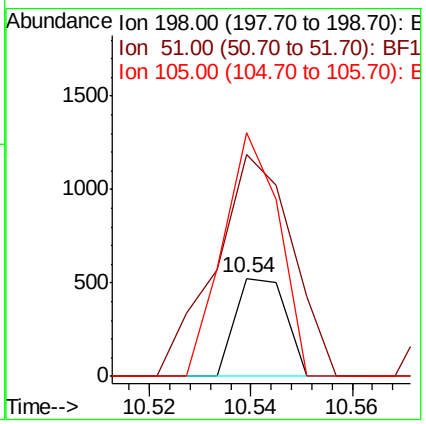


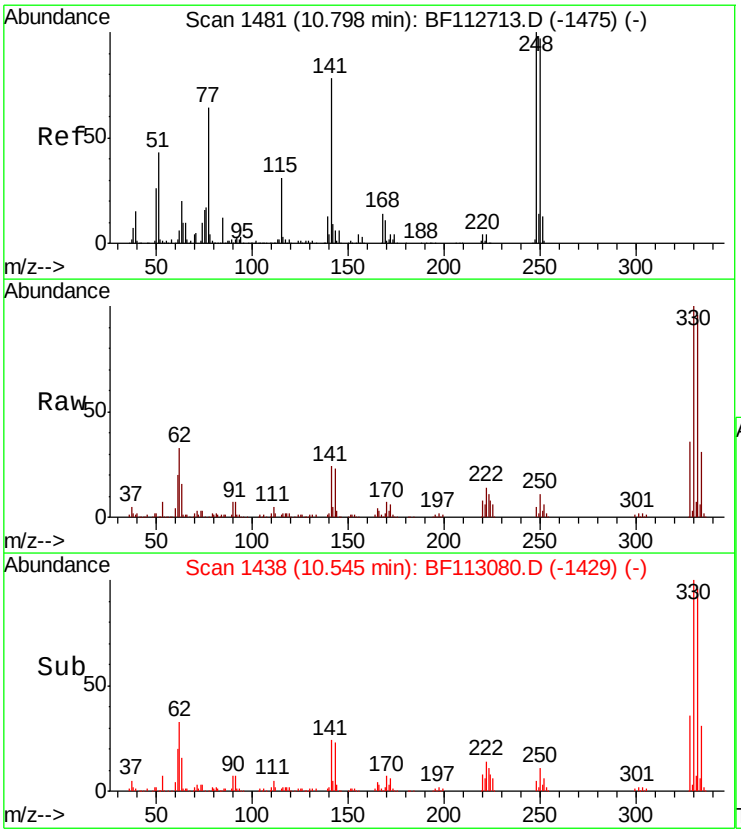
#65
4,6-Dinitro-2-methylphenol
Concen: 4.753 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:198 Resp: 362

Ion	Ratio	Lower	Upper
198	100		
51	225.9	43.8	83.8#
105	247.7	36.5	76.5#

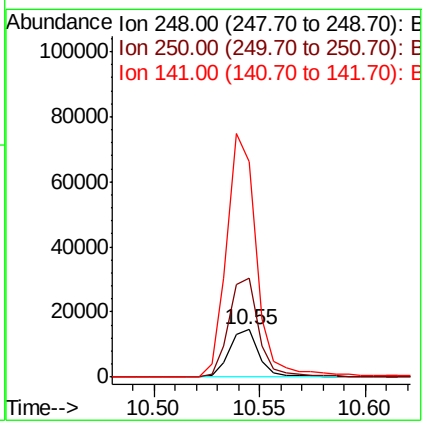


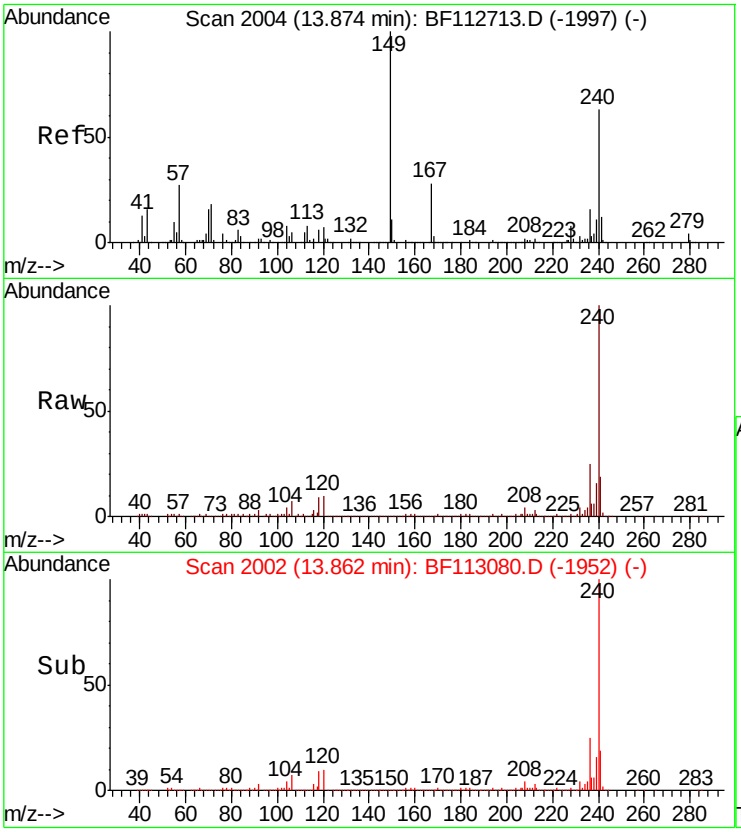


#67
4-Bromophenyl-phenylether
Concen: 2.374 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:248 Resp: 14180

Ion	Ratio	Lower	Upper
248	100		
250	209.8	77.5	116.3#
141	455.9	62.4	93.6#



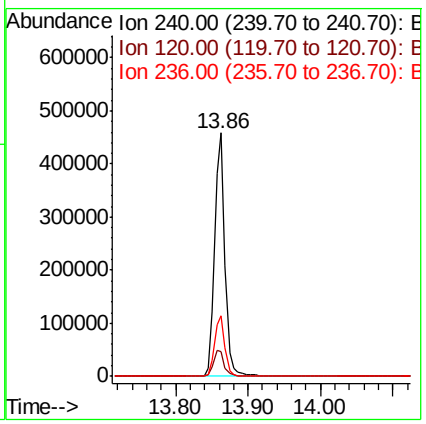


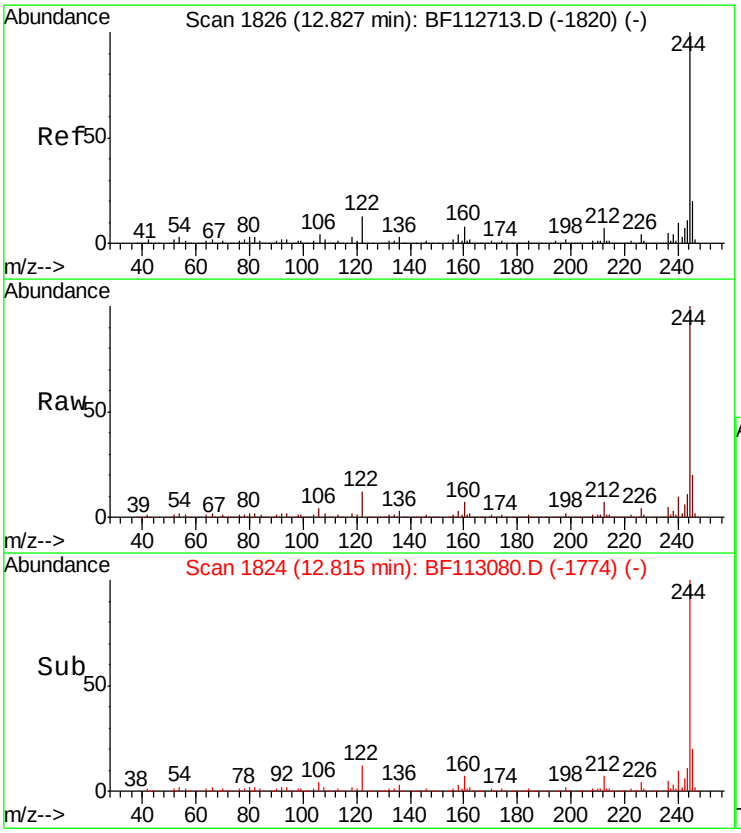
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:240 Resp: 454236

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	25.1	20.7	31.1

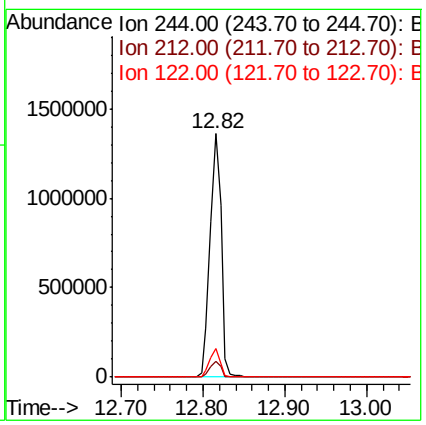


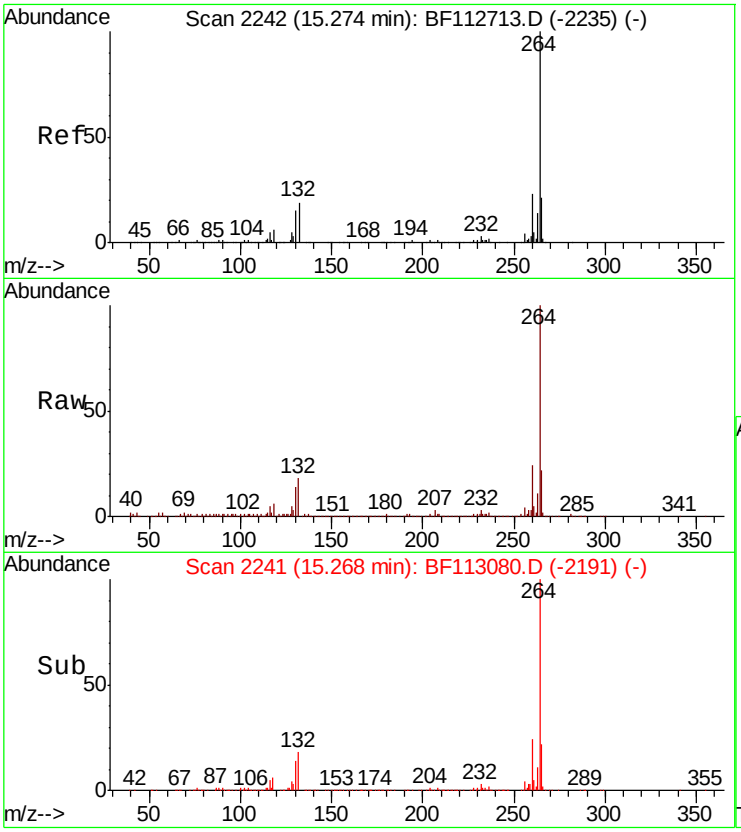


#79
Terphenyl-d14
Concen: 55.256 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113080.D
Acq: 15 Mar 2019 22:02

Tgt Ion:244 Resp: 1294779

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.6	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: BF113080.D
Acq: 15 Mar 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1(0.5-1.5)

Tgt Ion:264 Resp: 433035

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	22.3	17.2	25.8