Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
Data File : BF113015.D
Acq On : 12 Mar 2019 21:01
Operator : JU/SJ
Sample : K1824-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-2

Quant Time: Mar 13 03:58:42 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	201182	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	746420	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	340427	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	600236	20.00	ng		0.00
76) Chrysene-d12	13.86	240	522085	20.00	ng		0.00
87) Perylene-d12	15.27	264	458653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1320646	102.11	ng		0.00
7) Phenol-d6	6.37	99	1715677	105.60	ng		0.00
23) Nitrobenzene-d5	7.29	82	1064135	85.31	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	464735	128.59	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1775264	86.92	ng		0.00
79) Terphenyl-d14	12.82	244	1561998	58.00	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	141492	13.751	ng	#	74
25) Isophorone	7.29	82	1060432	39.460	ng	#	66
50) Dimethylphthalate	9.48	163	175384	6.987	ng		99
57) 2,4-Dinitrotoluene	9.76	165	43942	6.763	ng	#	17
65) 4,6-Dinitro-2-methylphenol	10.55	198	780	4.899	ng	#	56
67) 4-Bromophenyl-phenylether	10.55	248	26063	4.122	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031219\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
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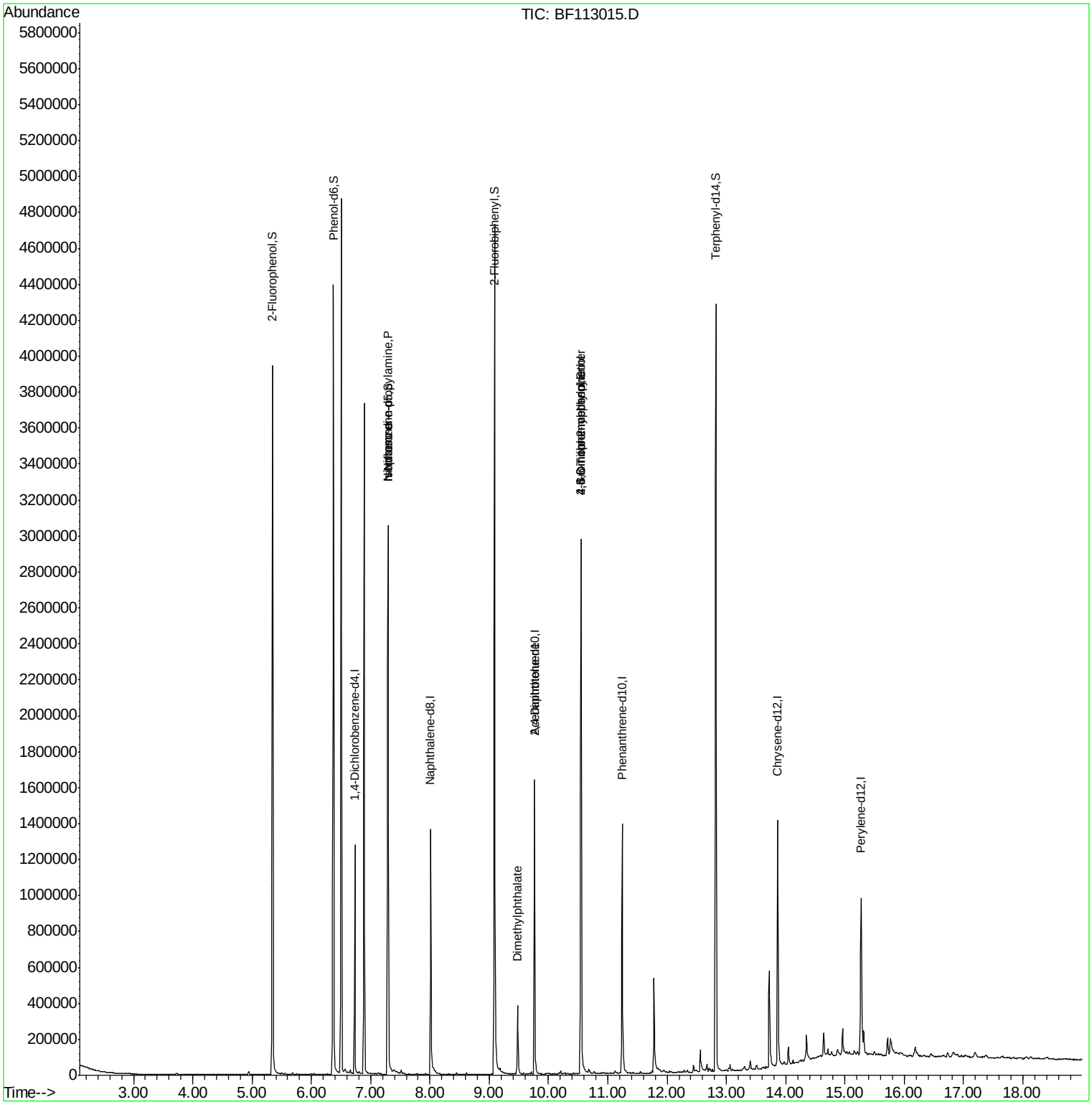
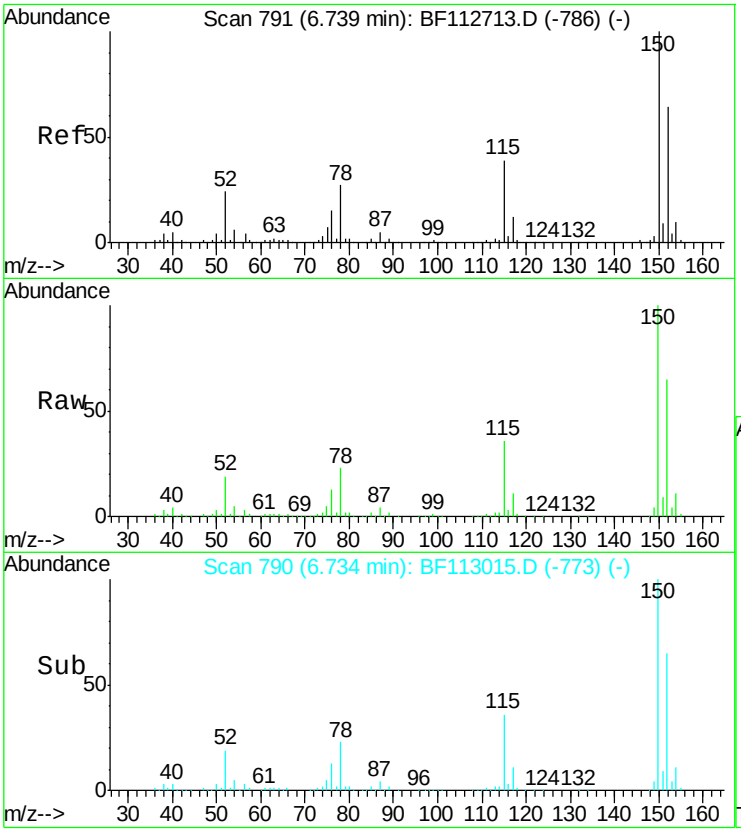


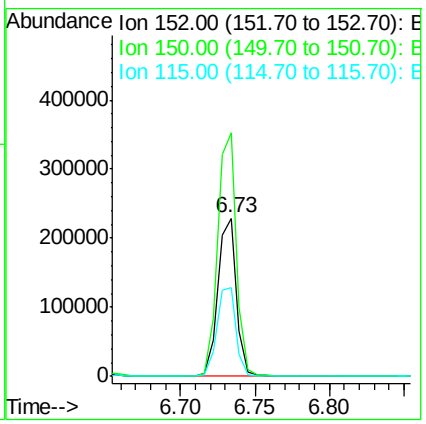


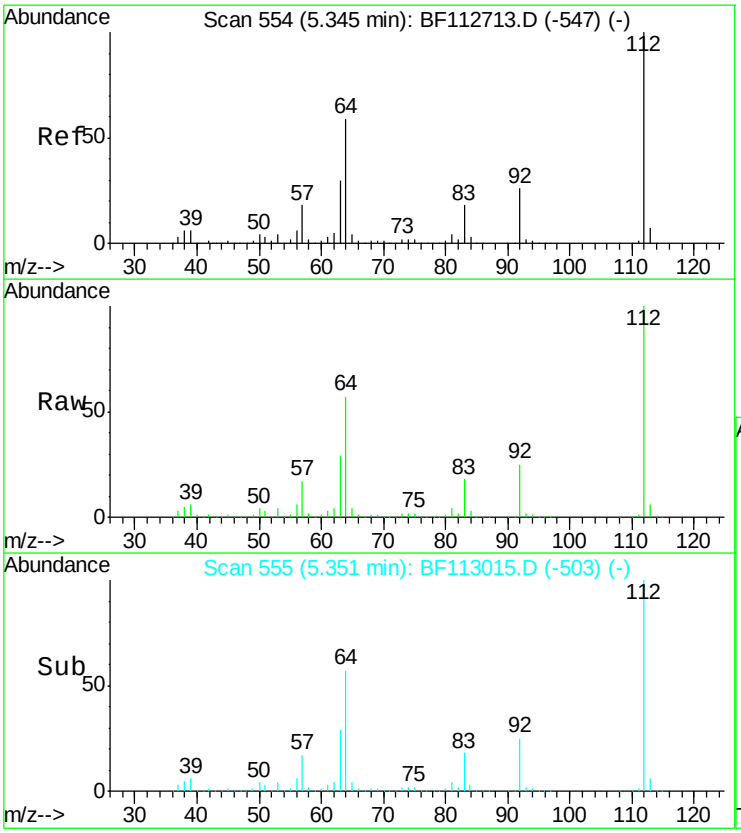
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:152 Resp: 201182

Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.2	186.2
115	56.0	48.2	72.4

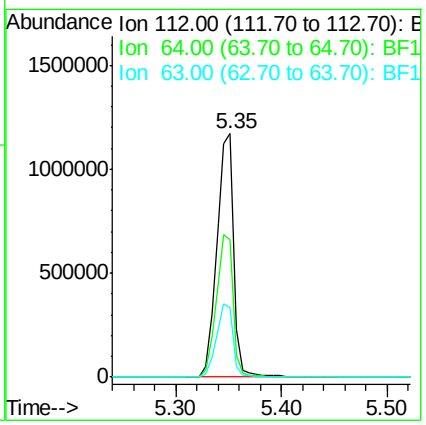


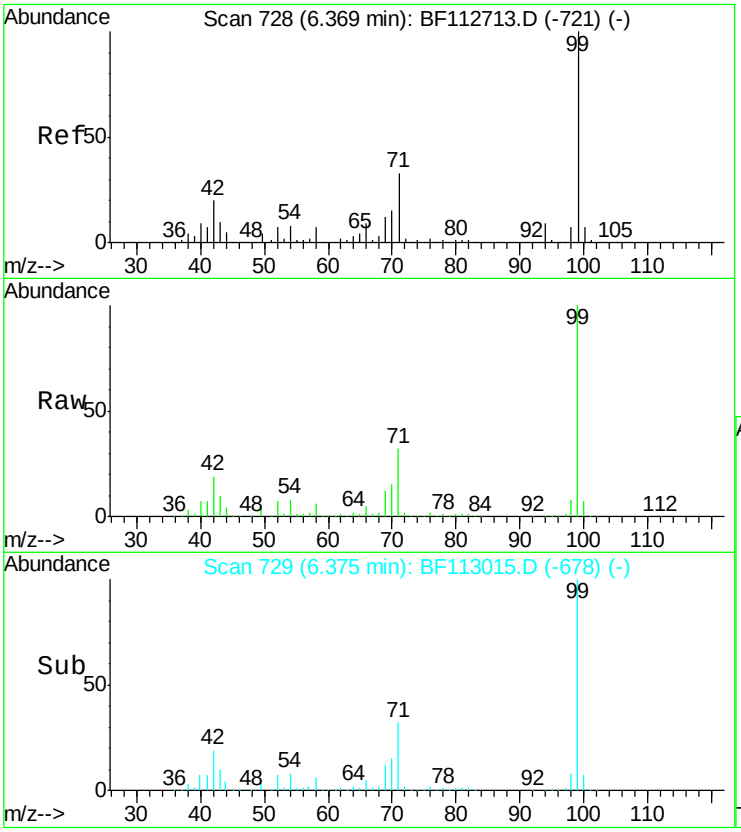


#5
2-Fluorophenol
Concen: 102.113 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:112 Resp: 1320646

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.6	71.4
63	28.8	24.4	36.6



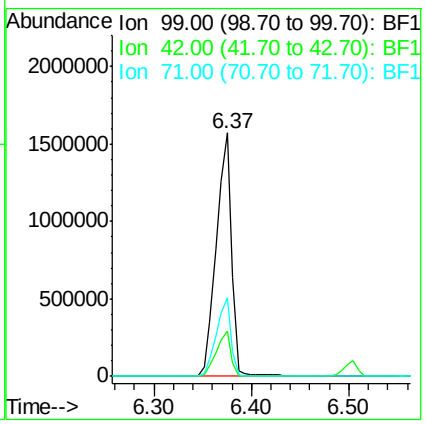


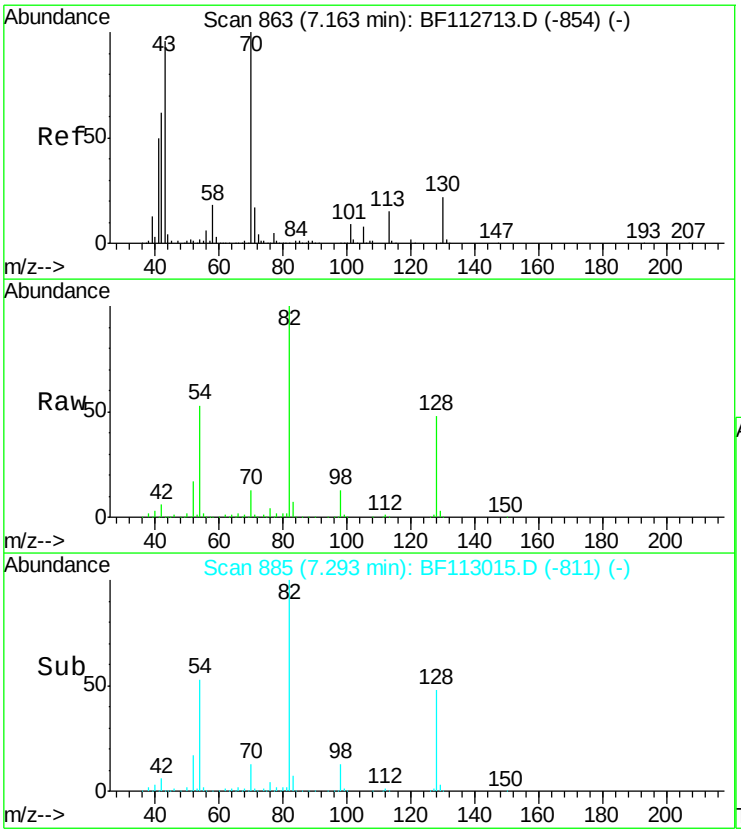
#7
Phenol-d6
Concen: 105.604 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion: 99 Resp: 1715677

Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.3	24.5
71	32.4	26.2	39.4

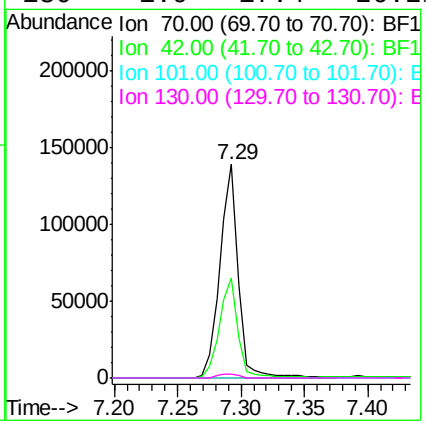


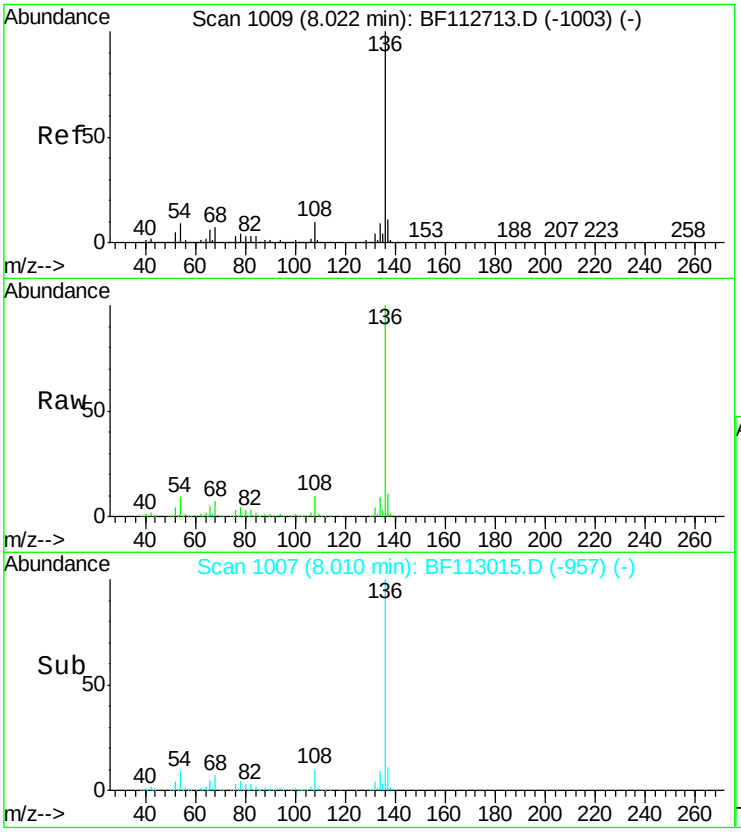


#19
n-Nitroso-di-n-propylamine
Concen: 13.751 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion: 70 Resp: 141492

Ion	Ratio	Lower	Upper
70	100		
42	46.6	49.9	74.9#
101	0.0	7.4	11.2#
130	1.9	17.4	26.2#



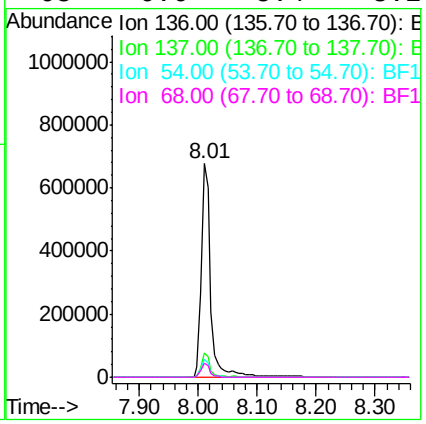


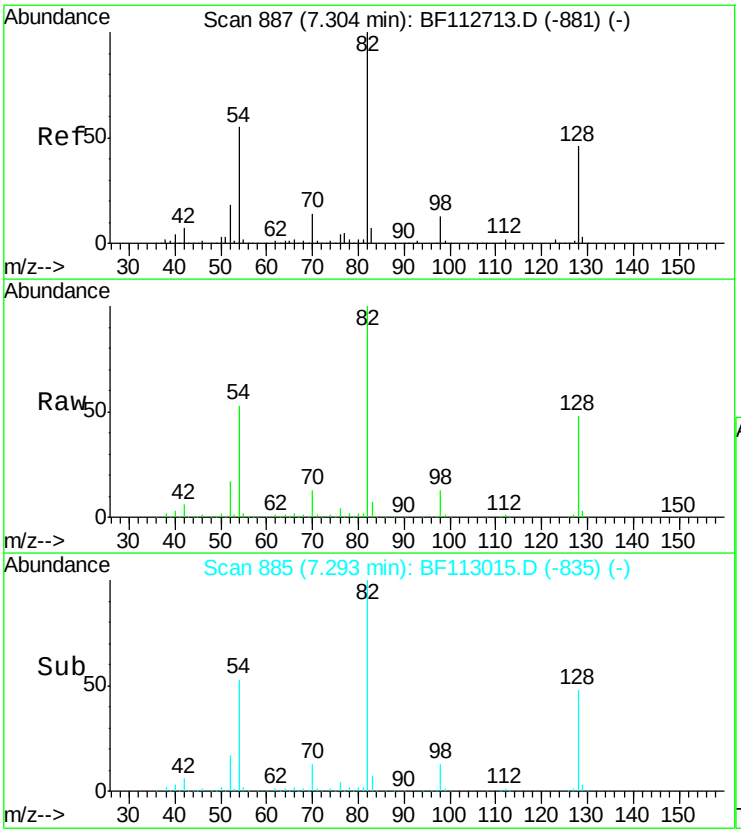
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:136 Resp: 746420

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.6	7.3	10.9
68	6.6	5.4	8.2

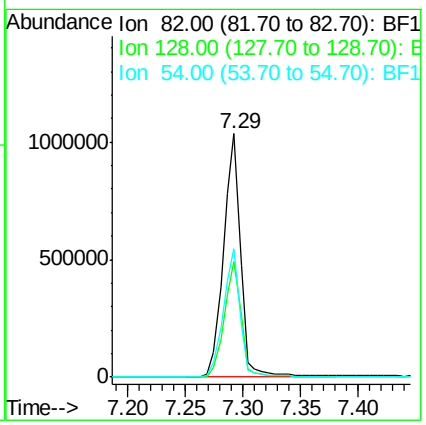


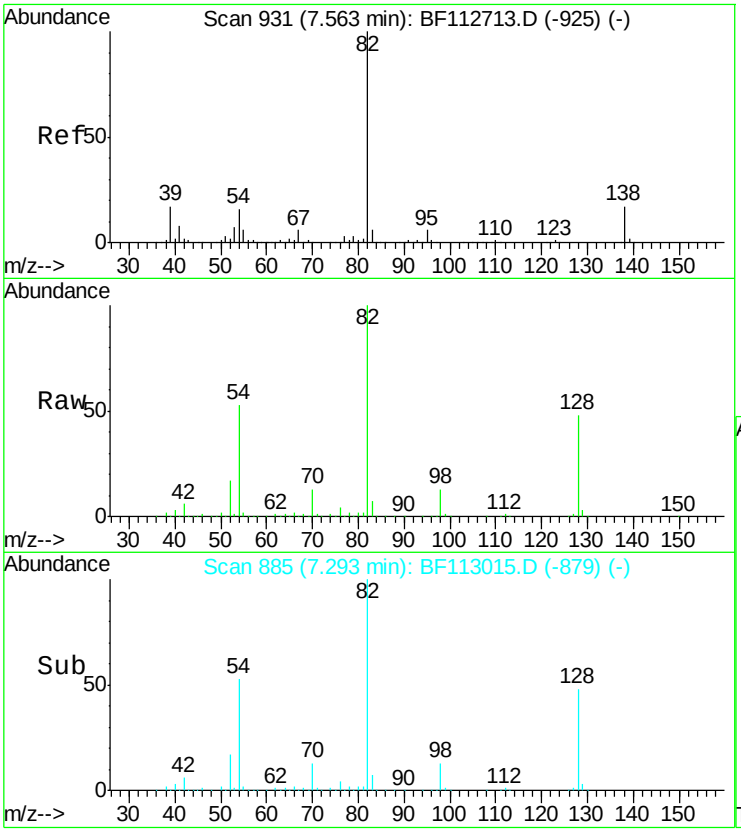


#23
Nitrobenzene-d5
Concen: 85.308 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion: 82 Resp: 1064135

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.7	43.7	65.5



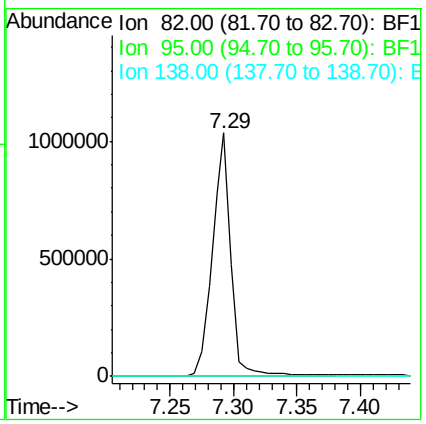


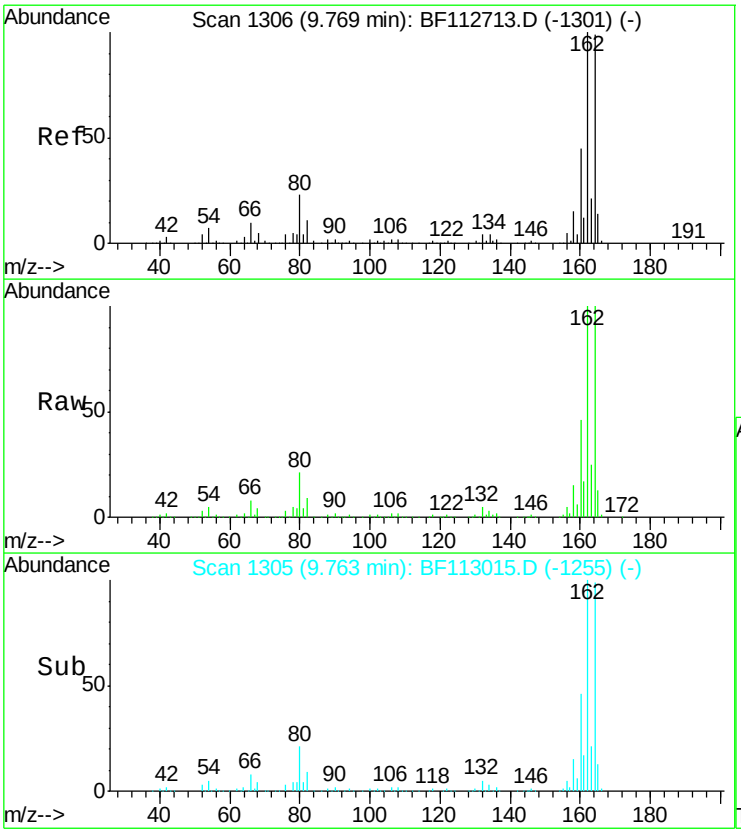
#25
Isophorone
Concen: 39.460 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.26 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion: 82 Resp: 1060432

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

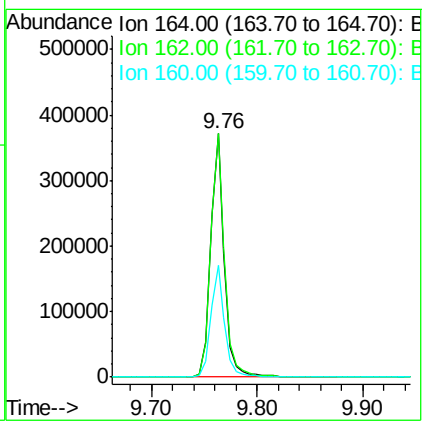


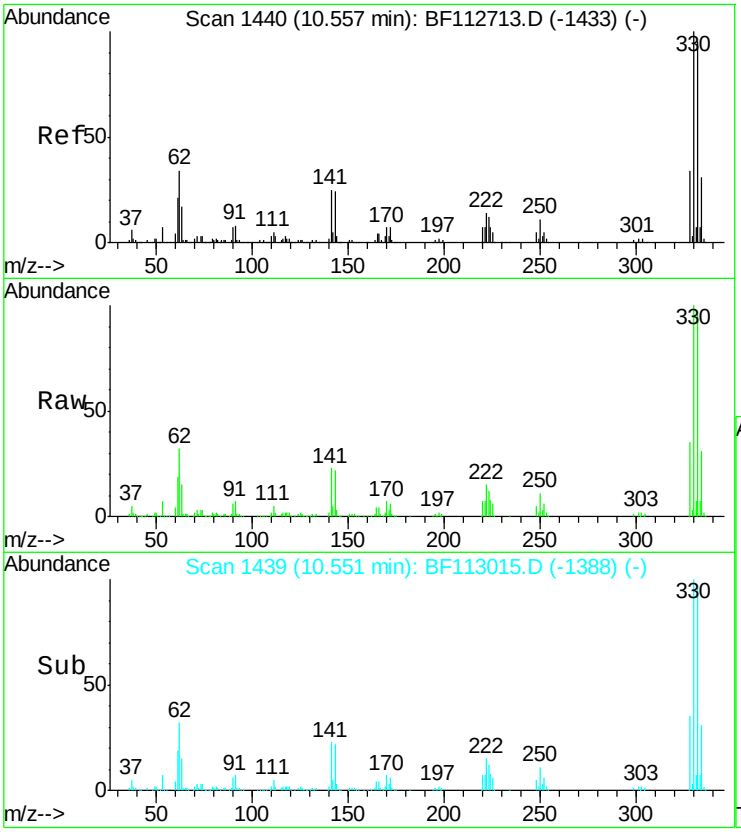


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:164 Resp: 340427

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	120.8
160	45.8	36.0	54.0



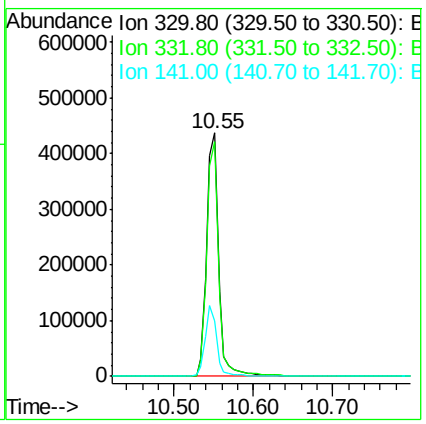


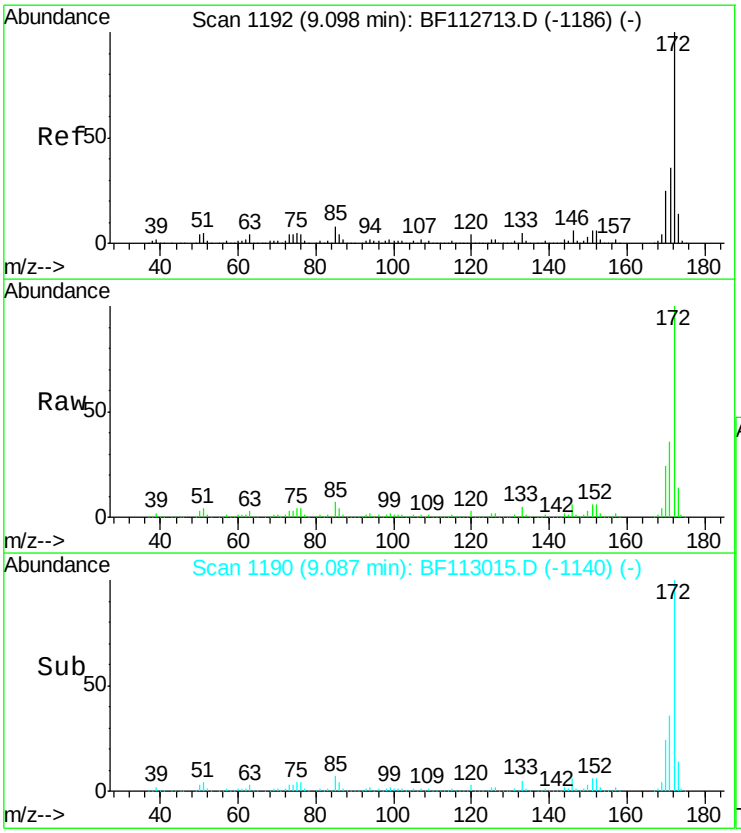
#42
2,4,6-Tribromophenol
Concen: 128.591 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:330 Resp: 464735

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	28.3	27.0	40.6

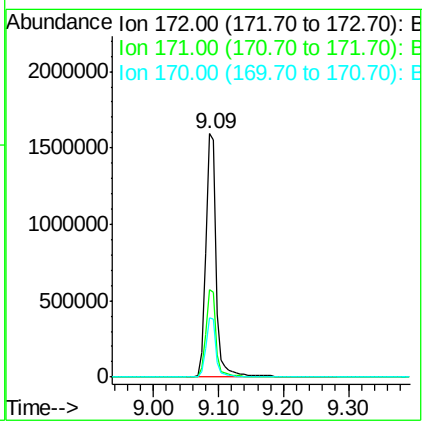


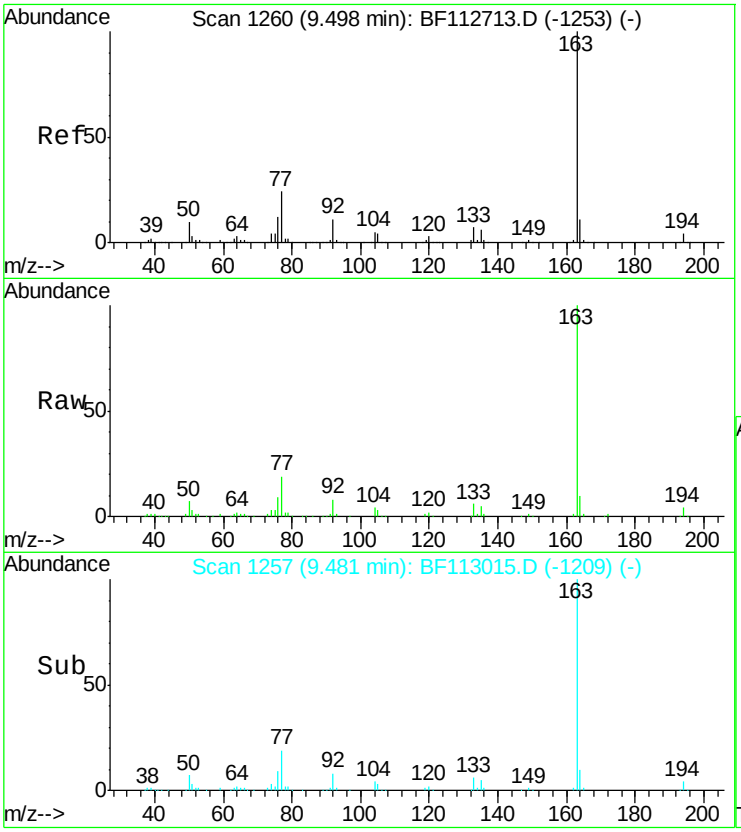


#45
2-Fluorobiphenyl
Concen: 86.922 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:172 Resp: 1775264

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.5	20.0	30.0



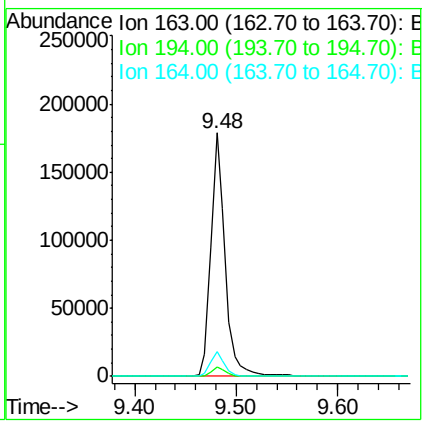


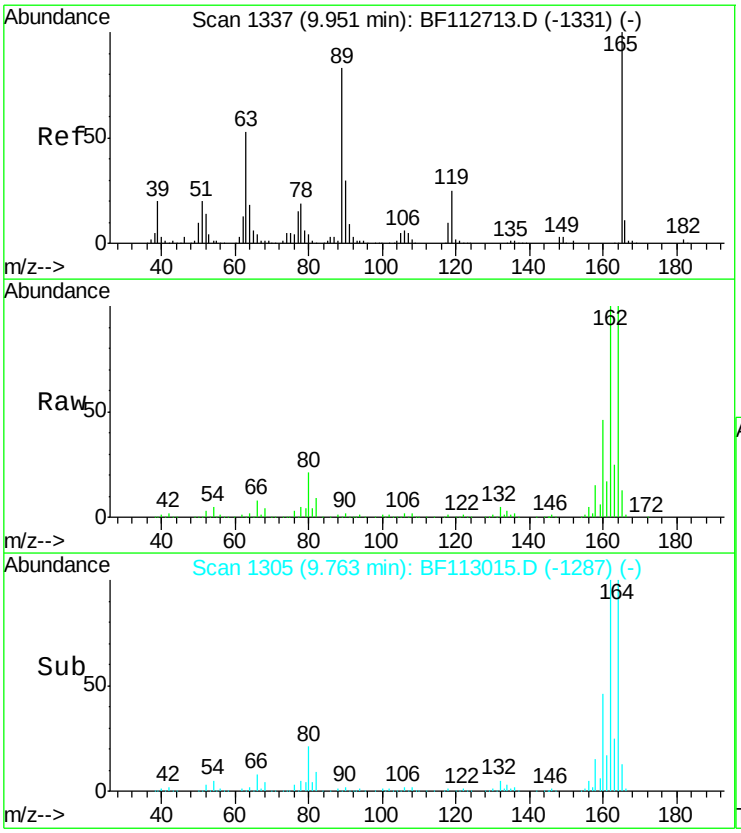
#50
Dimethylphthalate
Concen: 6.987 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:163 Resp: 175384

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.3	8.4	12.6

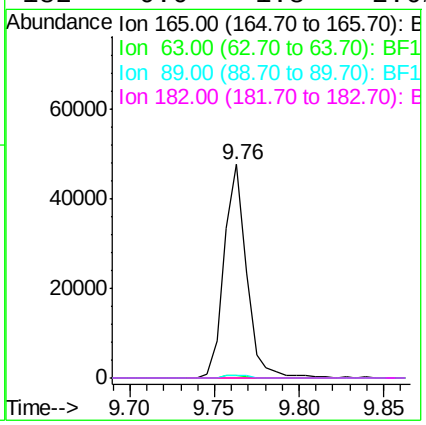


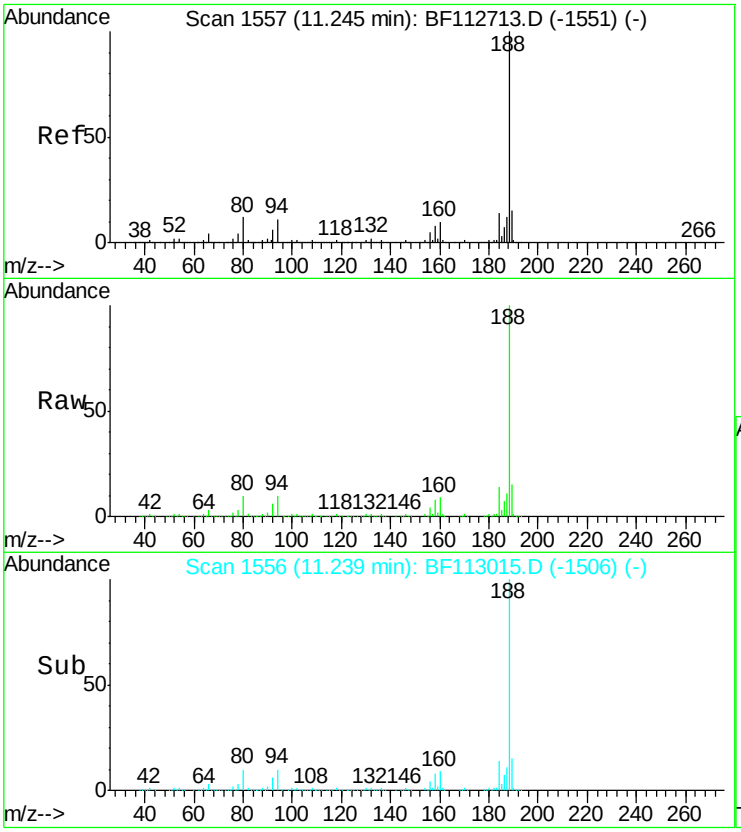


#57
2,4-Dinitrotoluene
Concen: 6.763 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.19 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:165 Resp: 43942

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



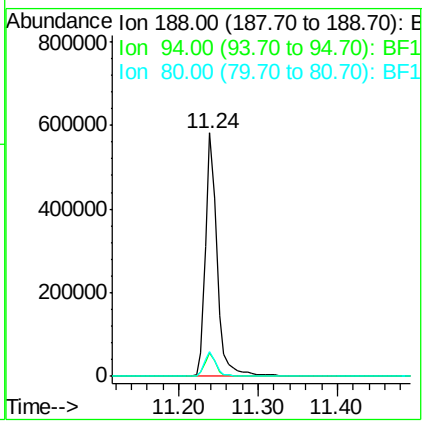


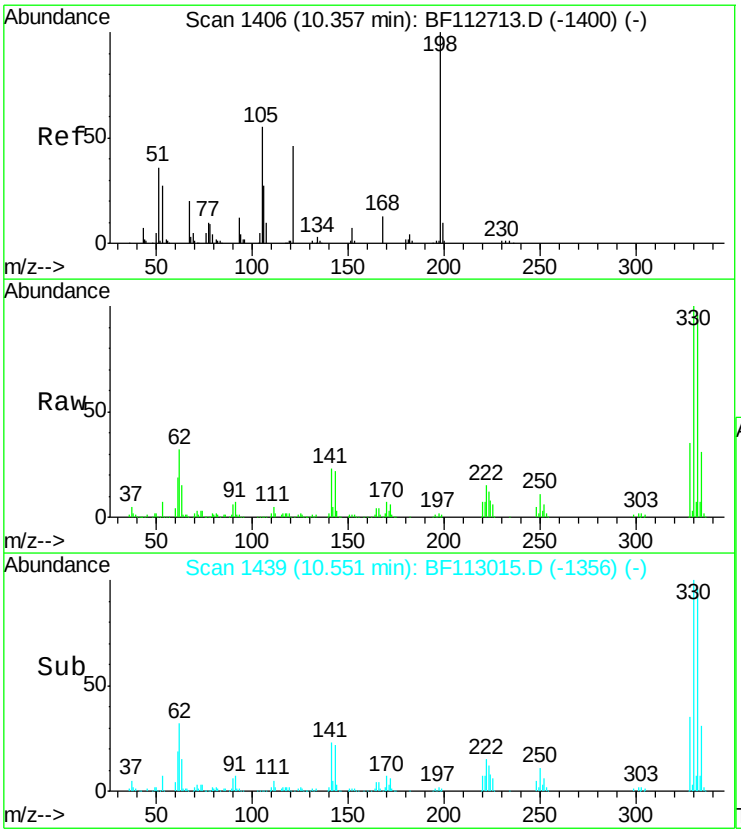
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:188 Resp: 600236

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.0	13.4
80	10.1	9.2	13.8

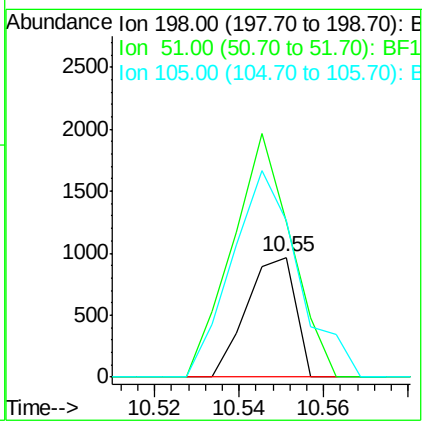


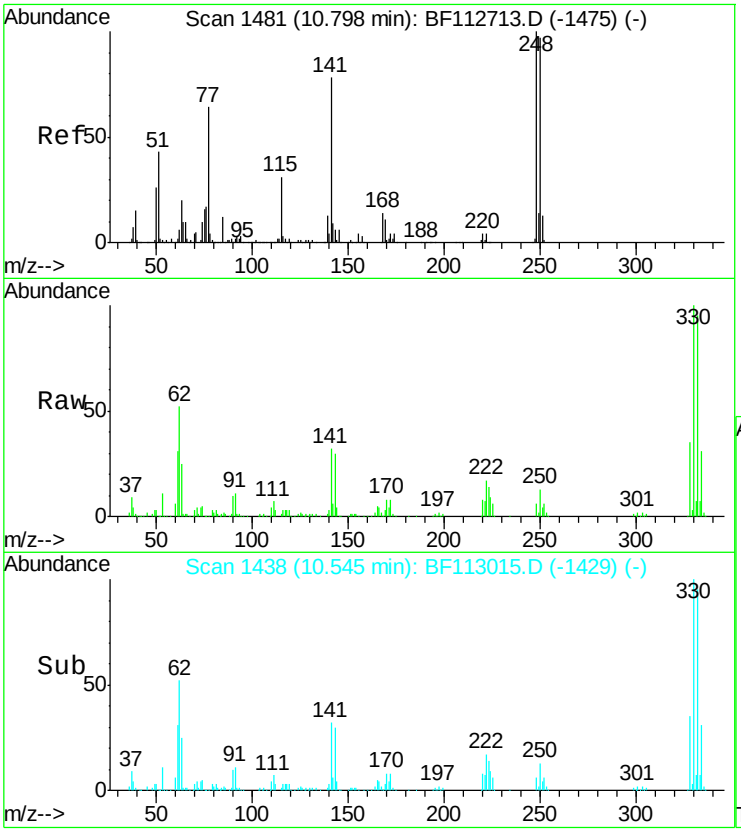


#65
4,6-Dinitro-2-methylphenol
Concen: 4.899 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:198 Resp: 780

Ion	Ratio	Lower	Upper
198	100		
51	26.8	43.8	83.8#
105	27.0	36.5	76.5#



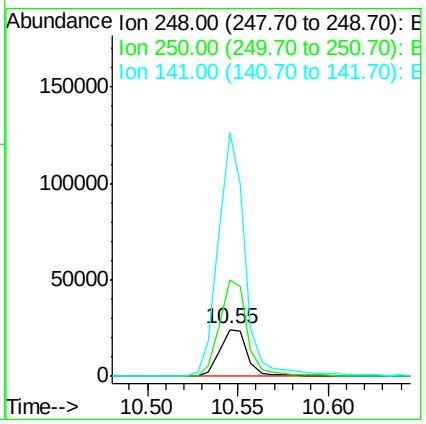


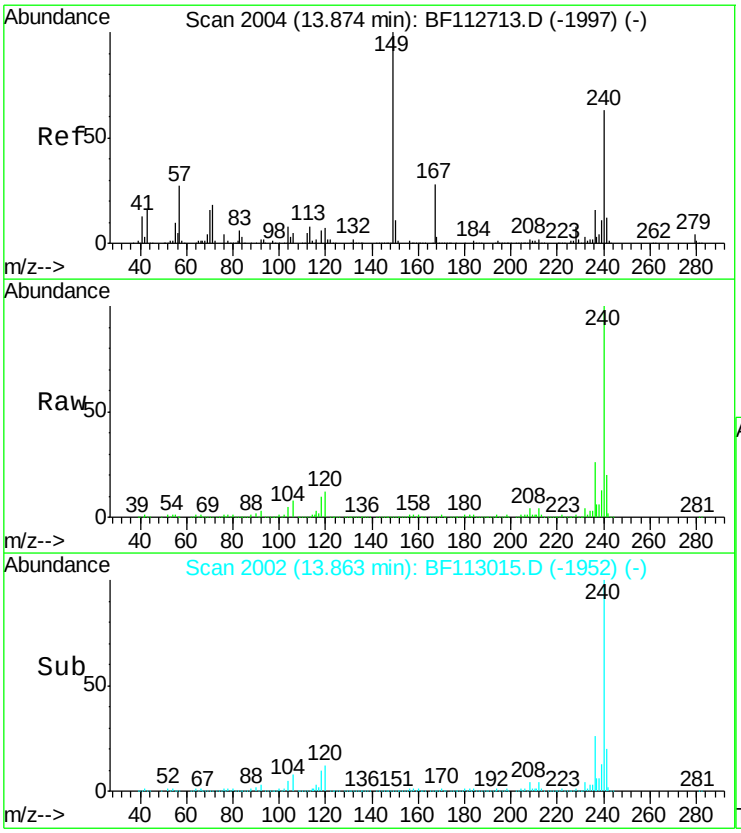
#67
4-Bromophenyl-phenylether
Concen: 4.122 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:248 Resp: 26063

Ion	Ratio	Lower	Upper
248	100		
250	207.4	77.5	116.3#
141	523.1	62.4	93.6#

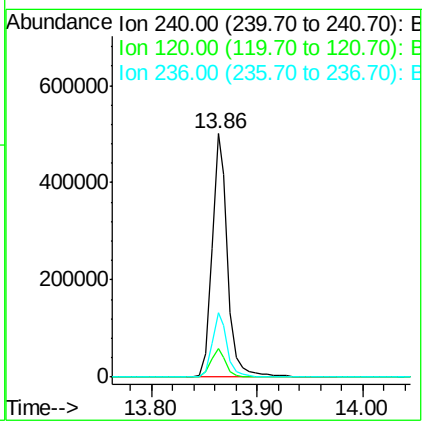


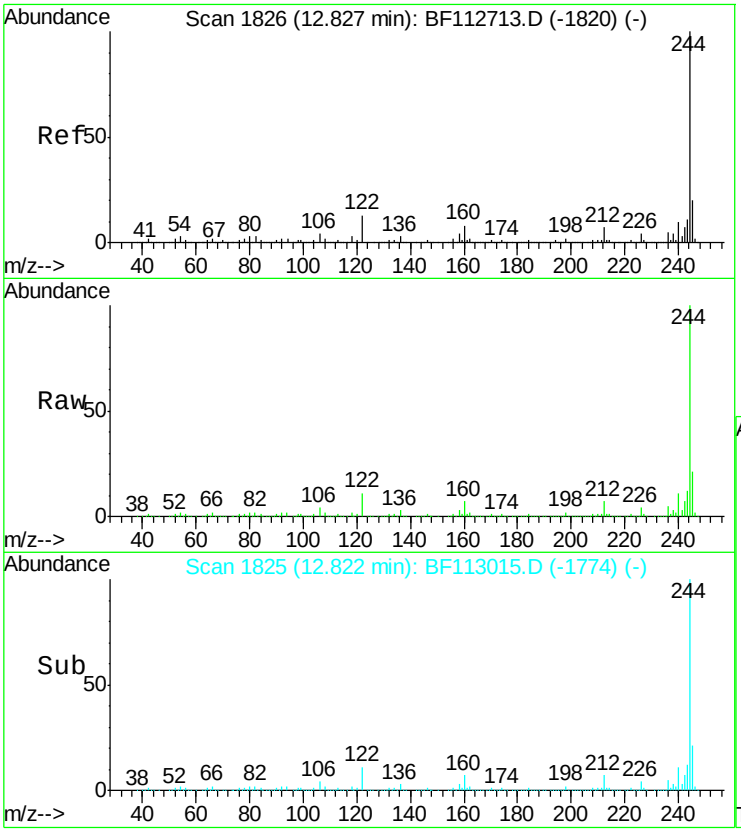


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:240 Resp: 522085

Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.9	13.3
236	26.5	20.7	31.1



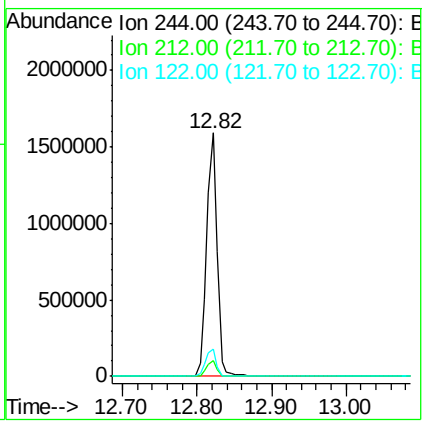


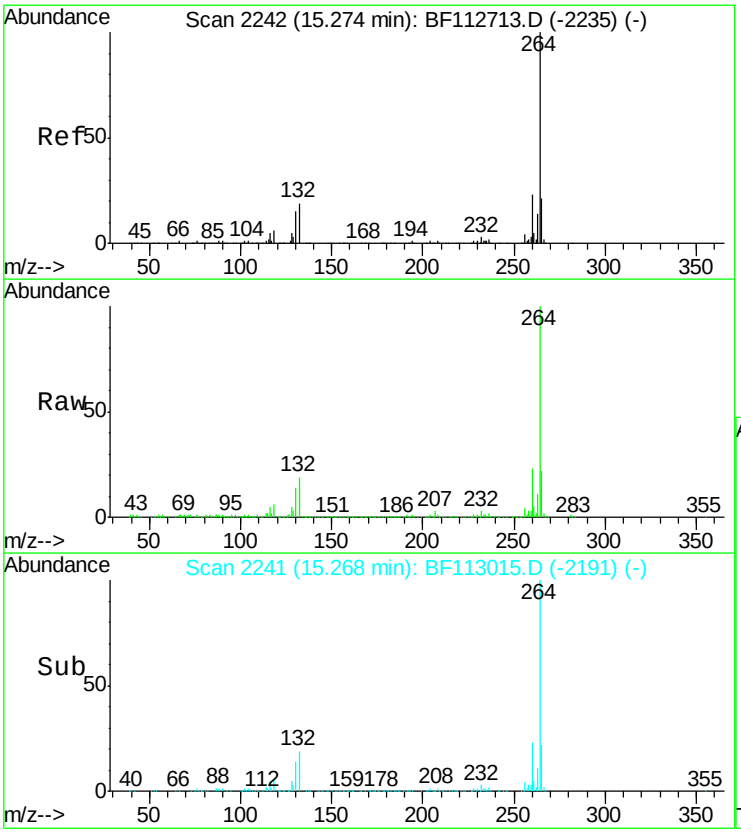
#79
Terphenyl-d14
Concen: 57.997 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF113015.D
Acq: 12 Mar 2019 21:01

Instrument :
BNA_F
ClientSampleId :
P-2

Tgt Ion:244 Resp: 1561998

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.3	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: BF113015.D
Acq: 12 Mar 2019 21:01

Tgt Ion:264 Resp: 458653

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.3	17.2	25.8