Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
Data File : BF112892.D
Acq On : 6 Mar 2019 20:05
Operator : JU/SJ
Sample : PB117669TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB117669TB

Quant Time: Mar 07 04:20:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169946	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	653344	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	314590	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	651940	20.00	ng	0.00
76) Chrysene-d12	13.86	240	502108	20.00	ng	-0.01
87) Perylene-d12	15.26	264	455437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	972527	89.02	ng	0.00
7) Phenol-d6	6.36	99	1265586	92.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	775771	71.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	335521	100.46	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1517919	78.29	ng	-0.01
79) Terphenyl-d14	12.82	244	1628064	62.85	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	101507	11.678	ng	# 76
25) Isophorone	7.29	82	753256	32.023	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	39714	8.222	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	39714	6.614	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	516	4.787	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	19366	2.820	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
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QLast Update : Fri Mar 01 15:40:43 2019
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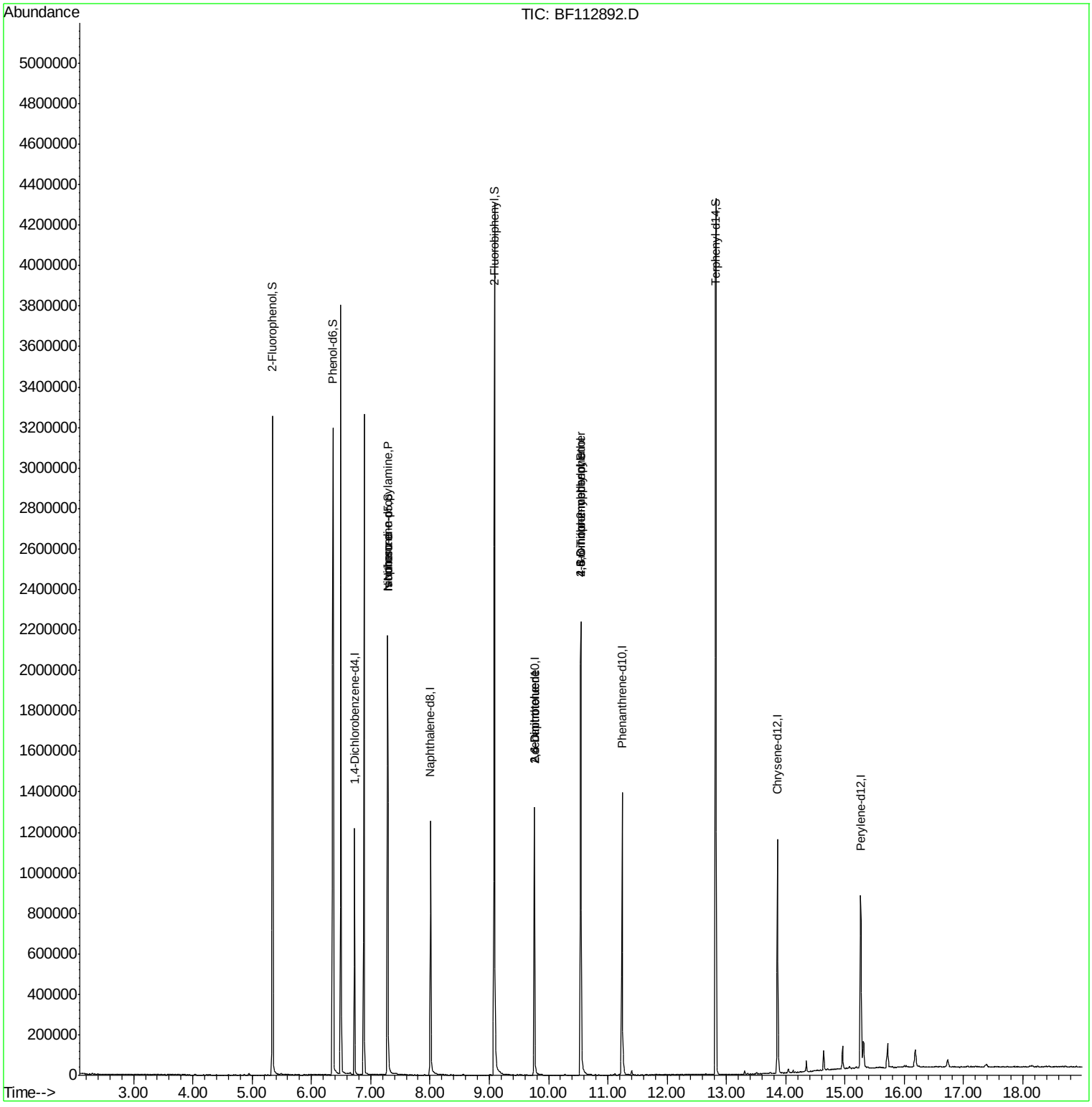
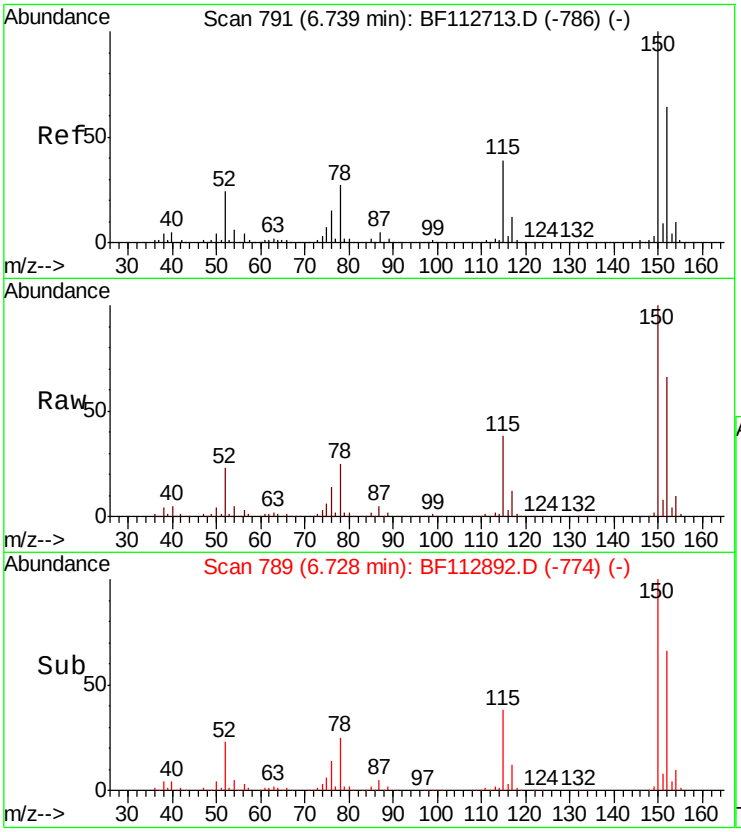


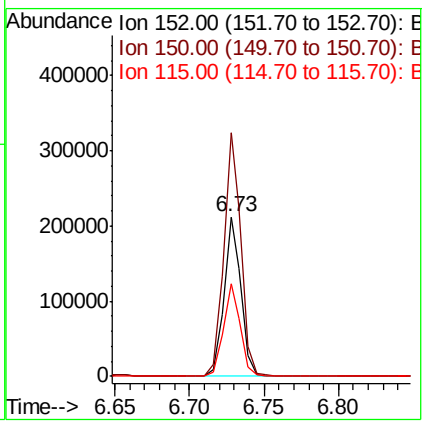


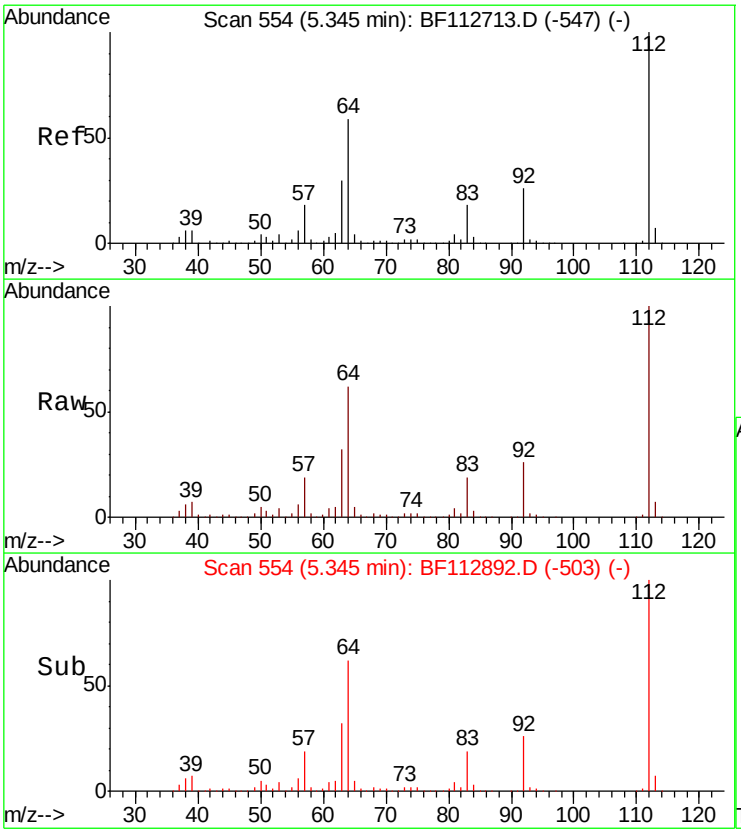
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:152 Resp: 169946

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.2	186.2
115	57.9	48.2	72.4

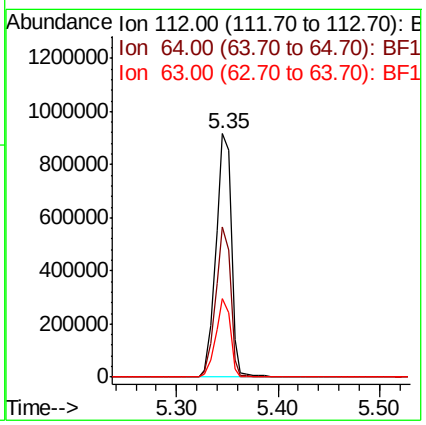


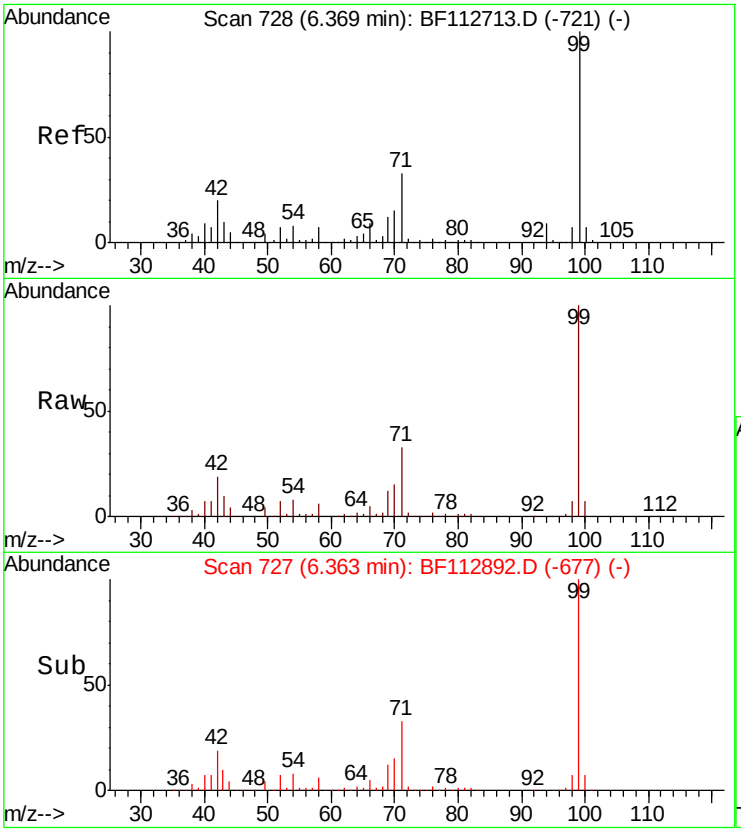


#5
2-Fluorophenol
Concen: 89.017 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:112 Resp: 972527

Ion	Ratio	Lower	Upper
112	100		
64	61.9	47.6	71.4
63	32.1	24.4	36.6



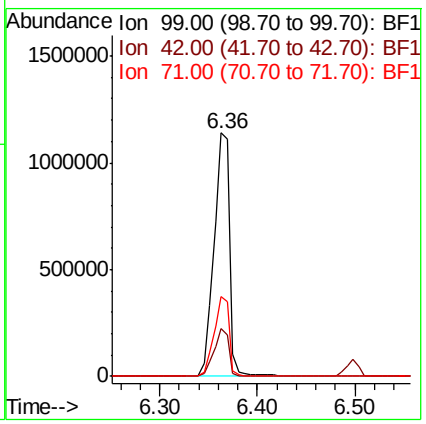


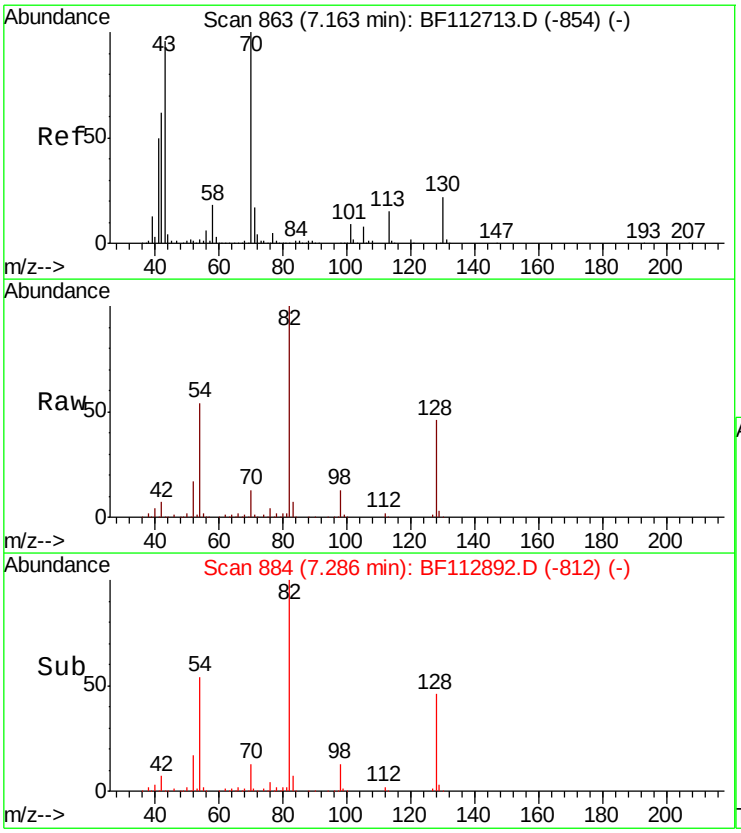
#7
Phenol-d6
Concen: 92.218 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion: 99 Resp: 1265586

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.3	24.5
71	32.9	26.2	39.4

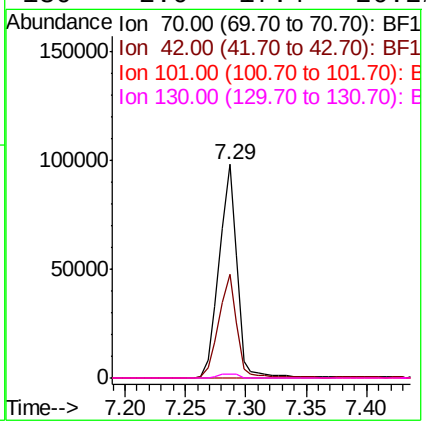


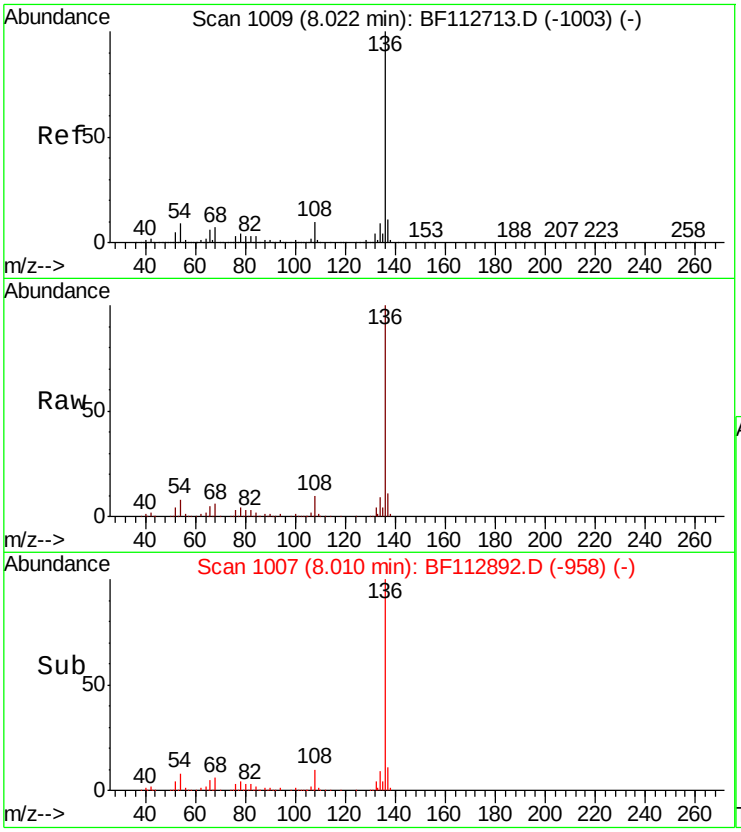


#19
n-Nitroso-di-n-propylamine
Concen: 11.678 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.12 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion: 70 Resp: 101507

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.9	74.9#
101	0.0	7.4	11.2#
130	2.0	17.4	26.2#



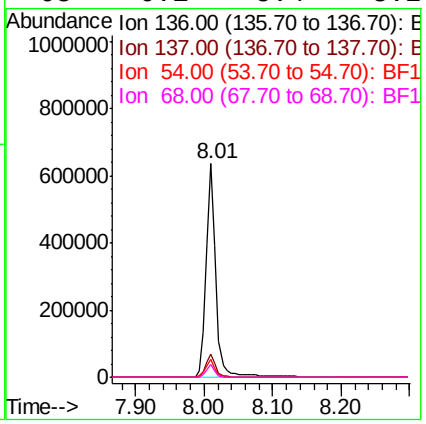


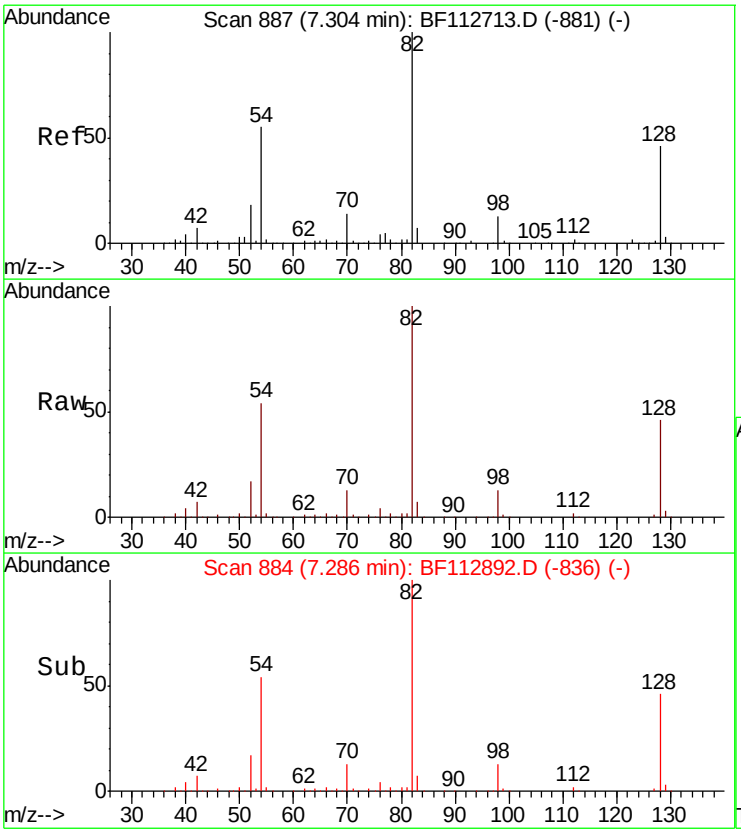
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:136 Resp: 653344

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	7.3	10.9
68	6.1	5.4	8.2

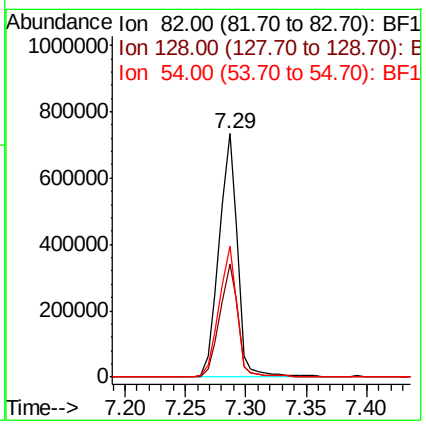


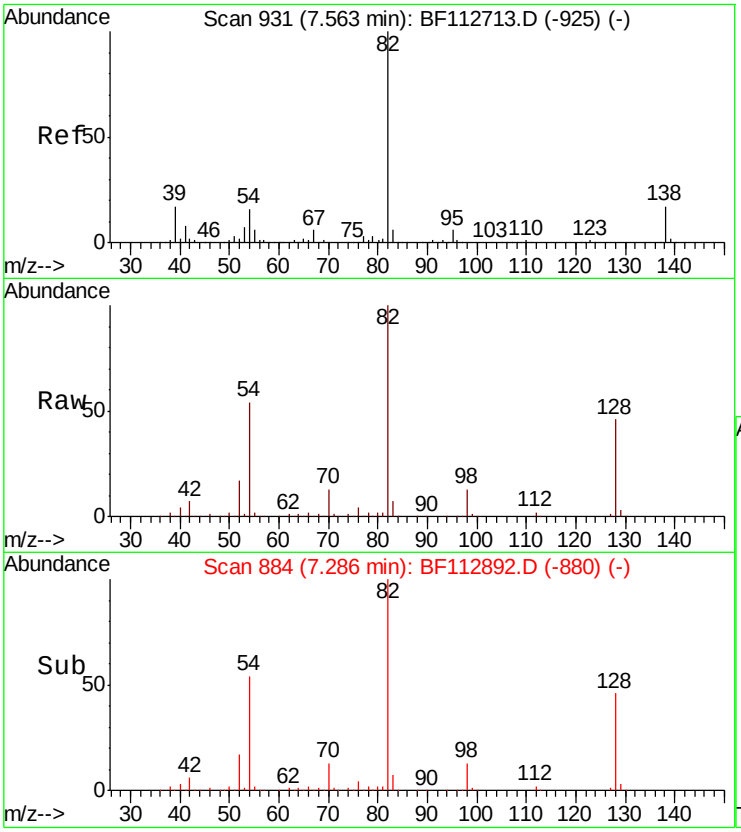


#23
Nitrobenzene-d5
Concen: 71.051 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion: 82 Resp: 775771

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	53.7	43.7	65.5



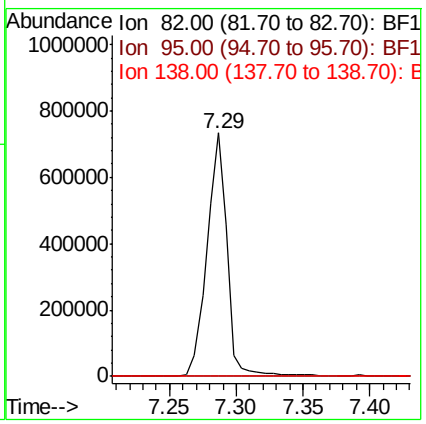


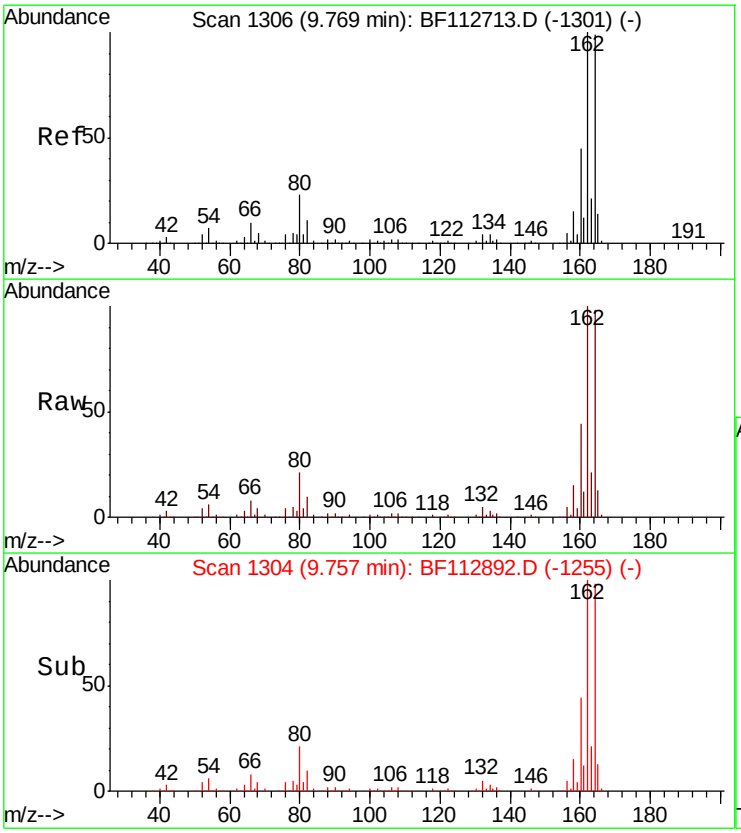
#25
Isophorone
Concen: 32.023 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.28 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion: 82 Resp: 753256

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

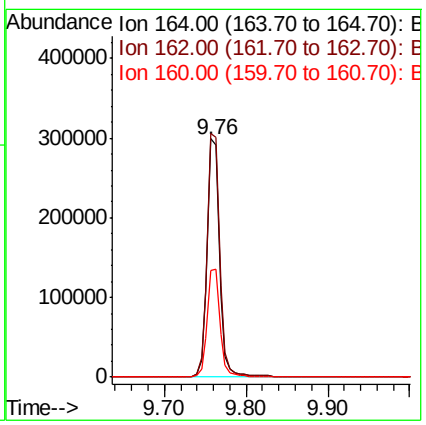


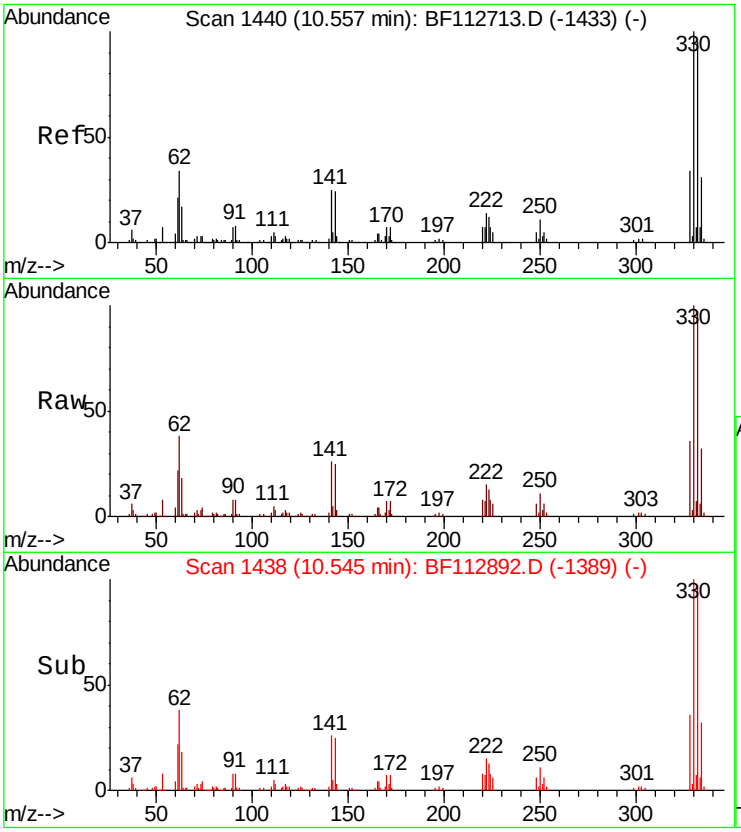


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:164 Resp: 314590

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	44.9	36.0	54.0



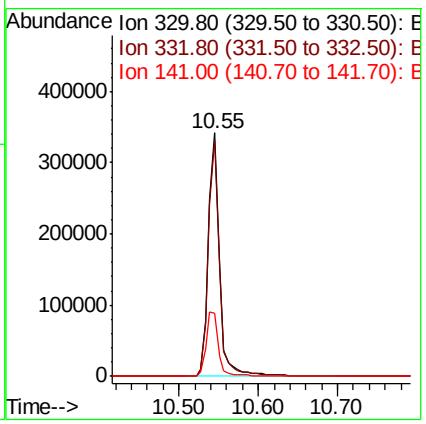


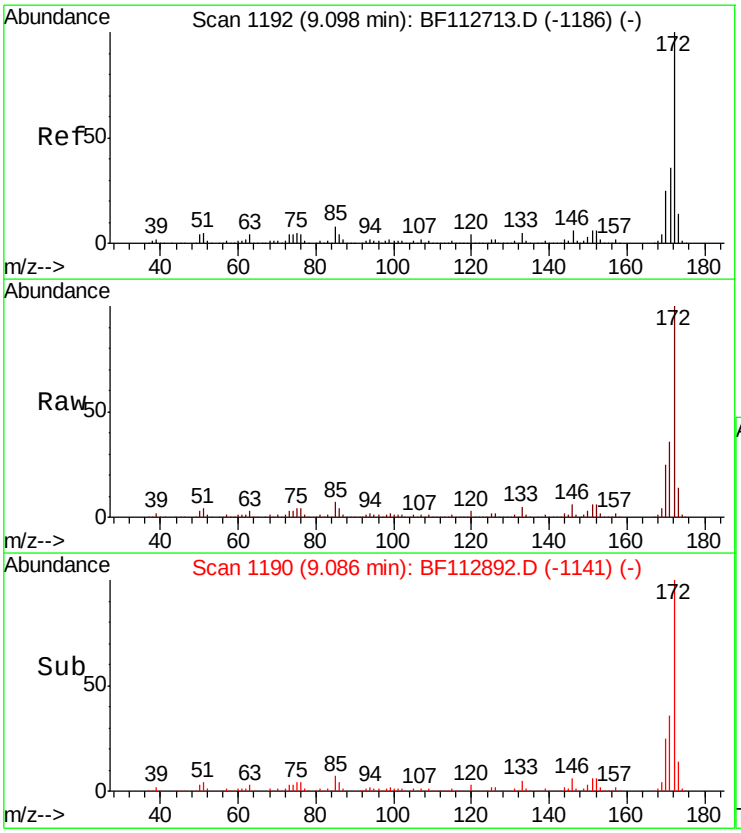
#42
2,4,6-Tribromophenol
Concen: 100.462 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:330 Resp: 335521

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.4
141	29.4	27.0	40.6

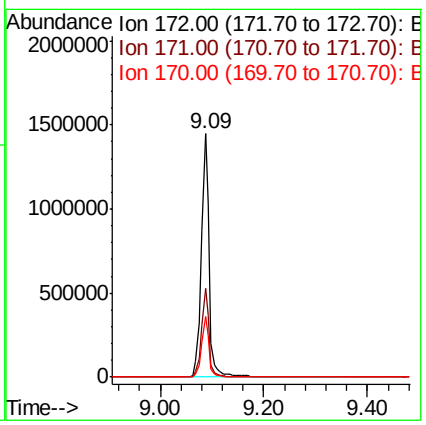


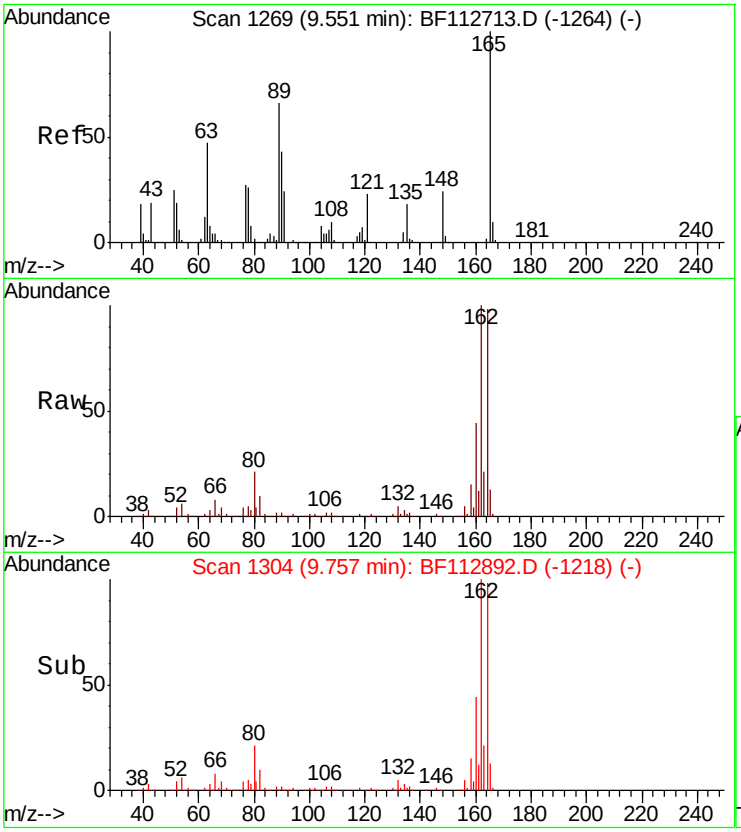


#45
2-Fluorobiphenyl
Concen: 78.294 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:172 Resp: 1517919

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	20.0	30.0



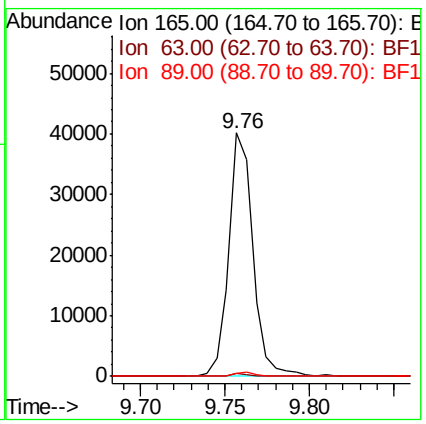


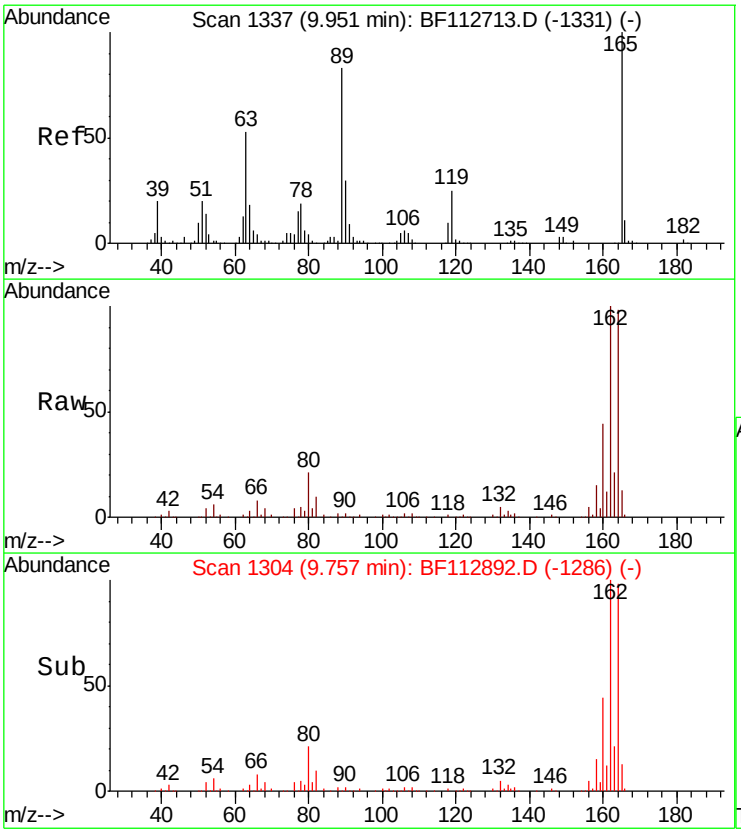
#51
2,6-Dinitrotoluene
Concen: 8.222 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.21 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:165 Resp: 39714

Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.3	52.8	79.2#

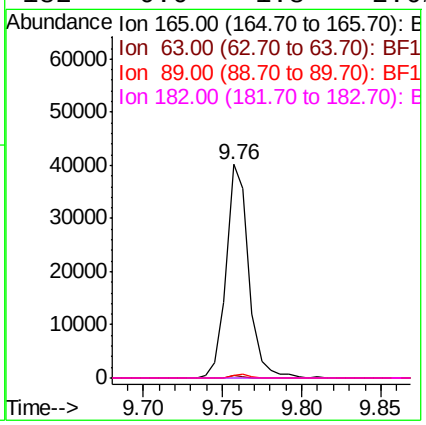


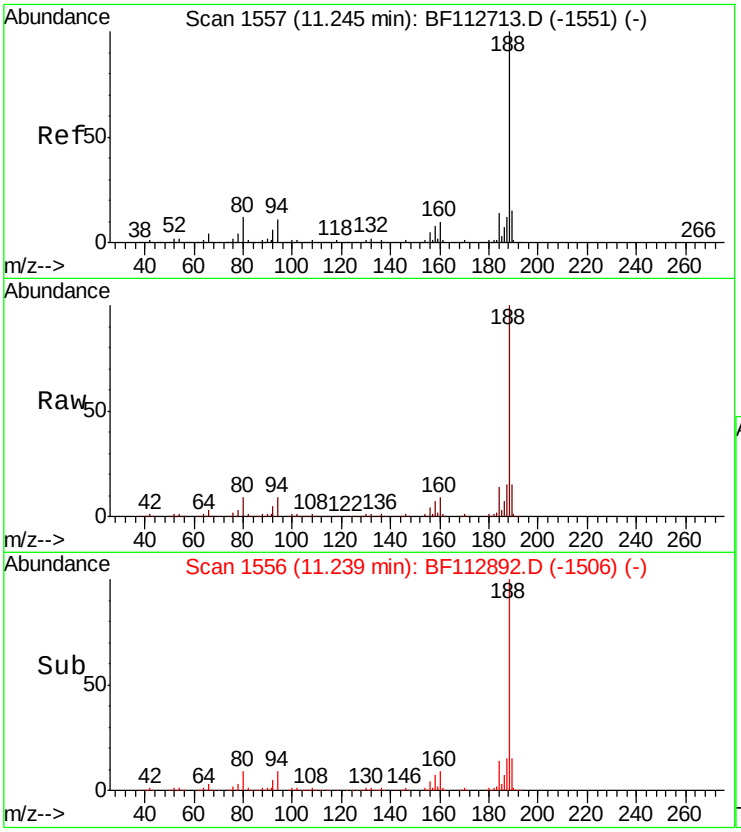


#57
2,4-Dinitrotoluene
Concen: 6.614 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.19 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:165 Resp: 39714

Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.3	66.2	99.4#
182	0.0	1.8	2.6#



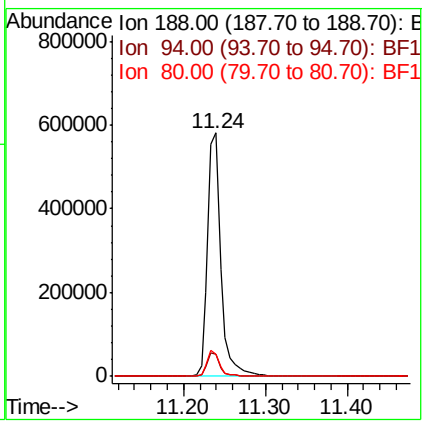


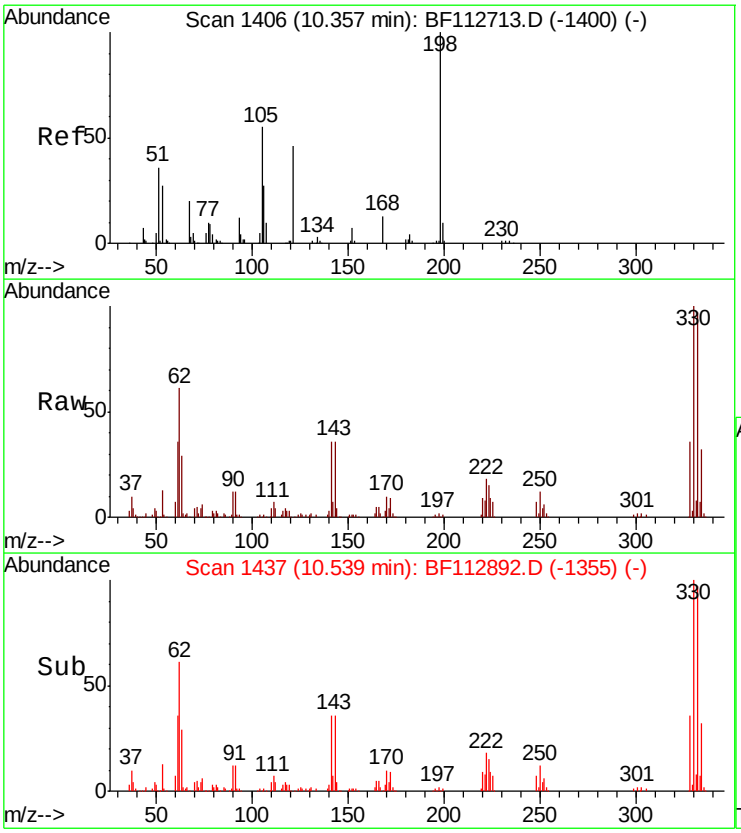
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:188 Resp: 651940

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.2	9.2	13.8

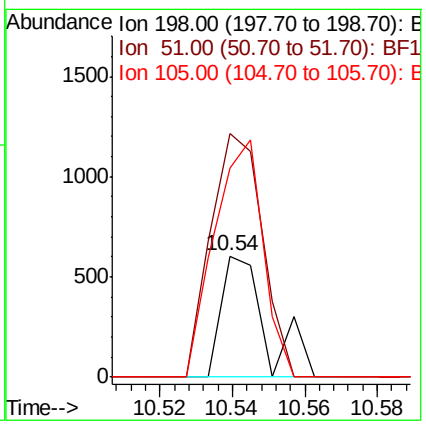


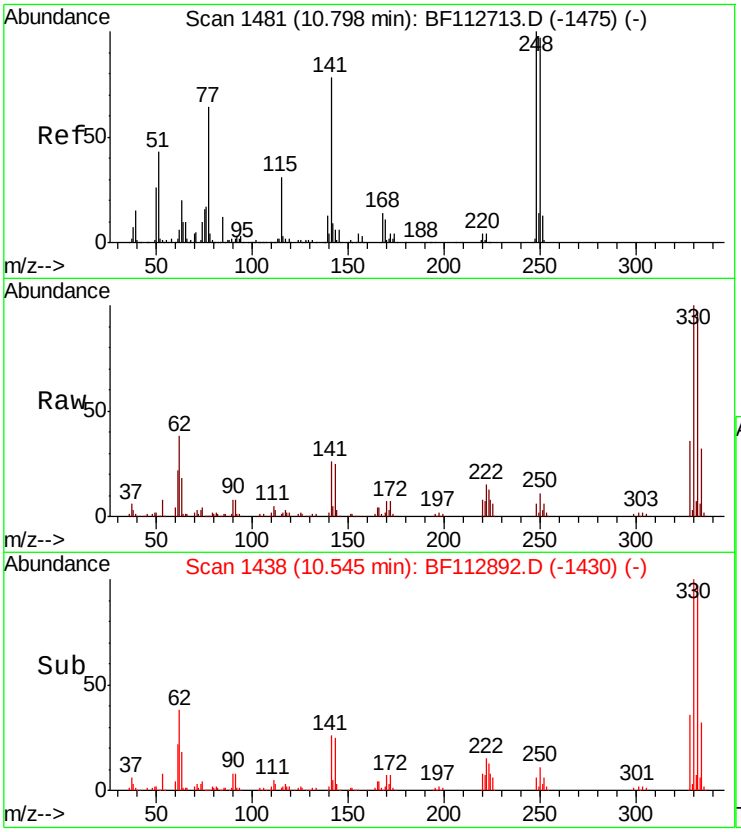


#65
4,6-Dinitro-2-methylphenol
Concen: 4.787 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:198 Resp: 516

Ion	Ratio	Lower	Upper
198	100		
51	201.2	43.8	83.8#
105	172.7	36.5	76.5#



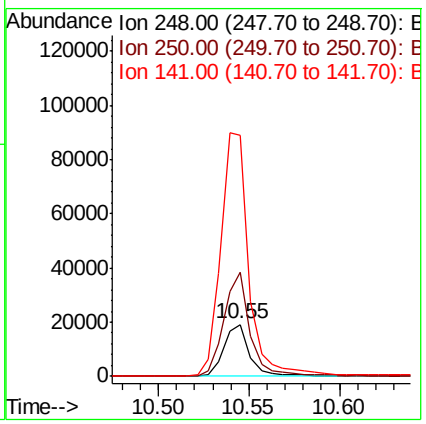


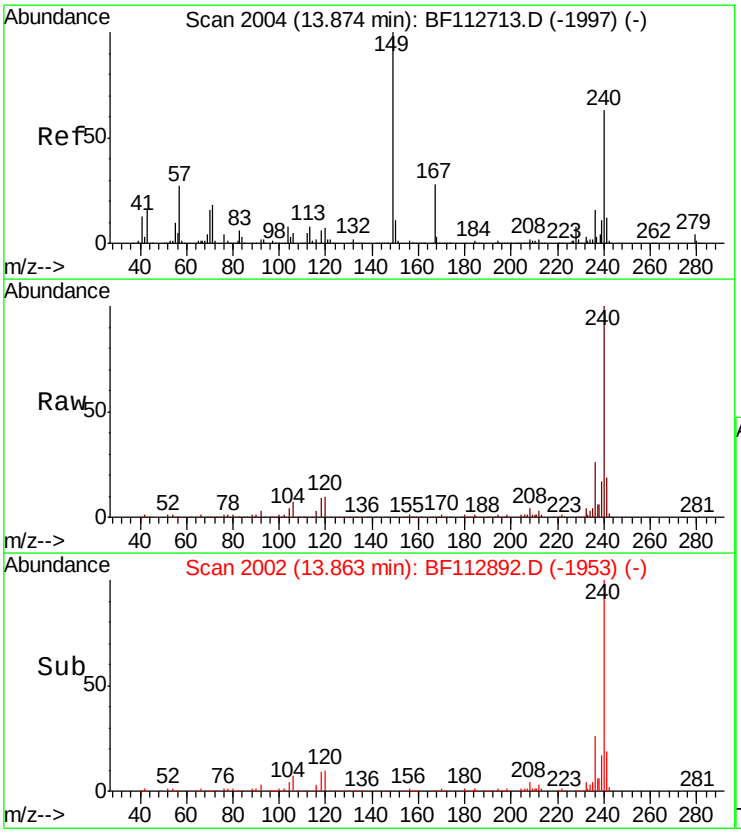
#67
4-Bromophenyl-phenylether
Concen: 2.820 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:248 Resp: 19366

Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.5	116.3#
141	461.5	62.4	93.6#

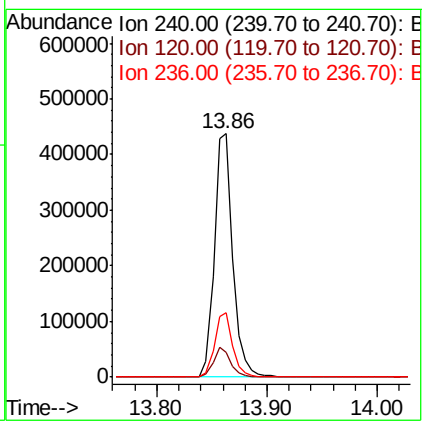


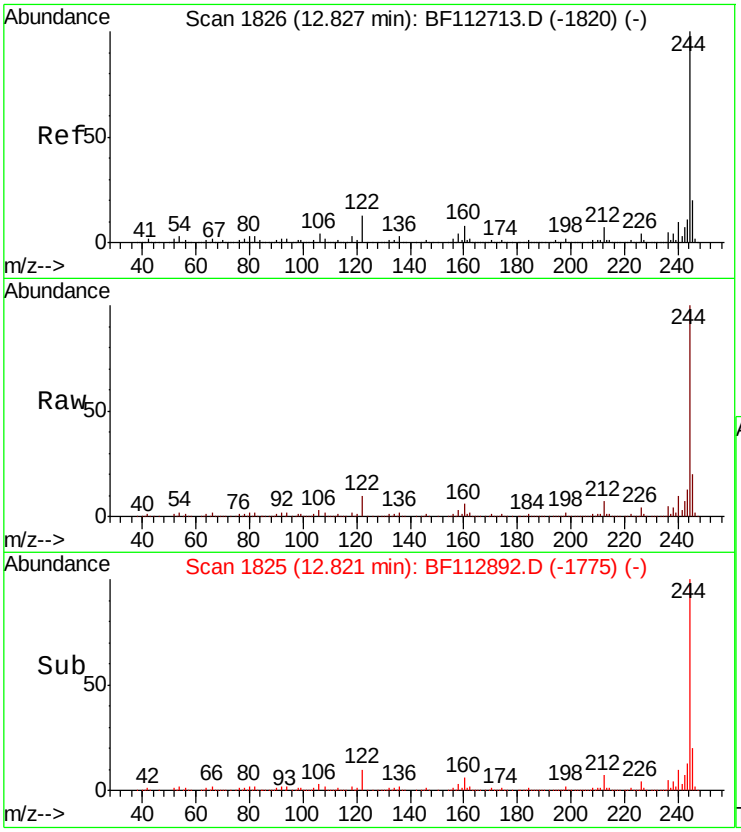


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:240 Resp: 502108

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.9	13.3
236	26.2	20.7	31.1



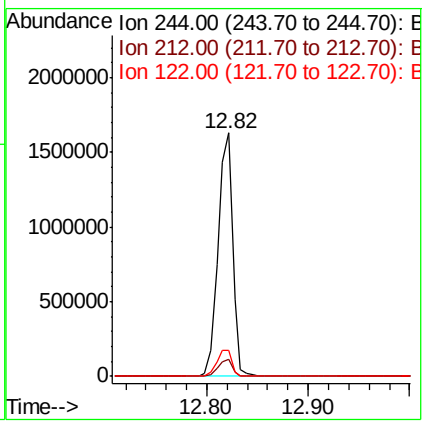


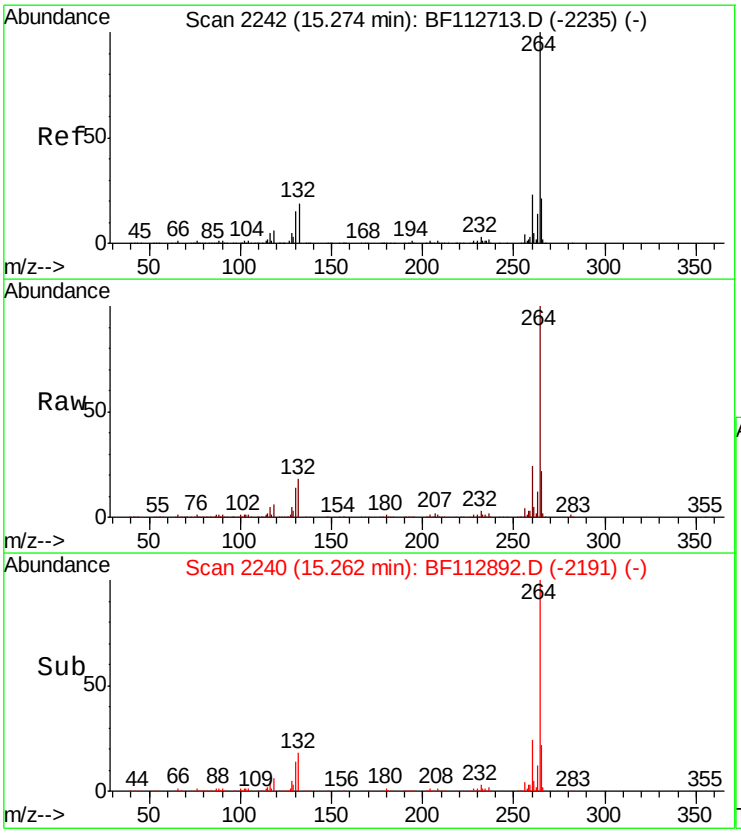
#79
Terphenyl-d14
Concen: 62.855 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Instrument :
BNA_F
ClientSampleId :
PB117669TB

Tgt Ion:244 Resp: 1628064

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.5	10.5	15.7#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:264 Resp: 455437

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.5	17.2	25.8