Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110687.D
Acq On : 12 Nov 2018 21:05
Operator : JU/SJ
Sample : J5892-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PN-STONE

Quant Time: Nov 13 05:41:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	86439	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	359405	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	173612	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	337176	20.00	ng		0.00
76) Chrysene-d12	14.13	240	220667	20.00	ng		-0.01
87) Perylene-d12	15.65	264	162057	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	522001	98.09	ng		0.01
7) Phenol-d6	6.57	99	590222	86.73	ng		0.00
23) Nitrobenzene-d5	7.51	82	477289	76.48	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	194955	111.44	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	886411	72.92	ng		0.00
79) Terphenyl-d14	13.06	244	871516	73.96	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.72	77	13823	2.048	ng		84
19) n-Nitroso-di-n-propylamine	7.51	70	62359	14.356	ng	#	80
25) Isophorone	7.51	82	477284	46.661	ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	22761	7.987	ng	#	22
57) 2,4-Dinitrotoluene	9.98	165	22761	6.143	ng	#	18
67) 4-Bromophenyl-phenylether	10.78	248	12757	3.423	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
Data File : BF110687.D
Acq On : 12 Nov 2018 21:05
Operator : JU/SJ
Sample : J5892-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PN-STONE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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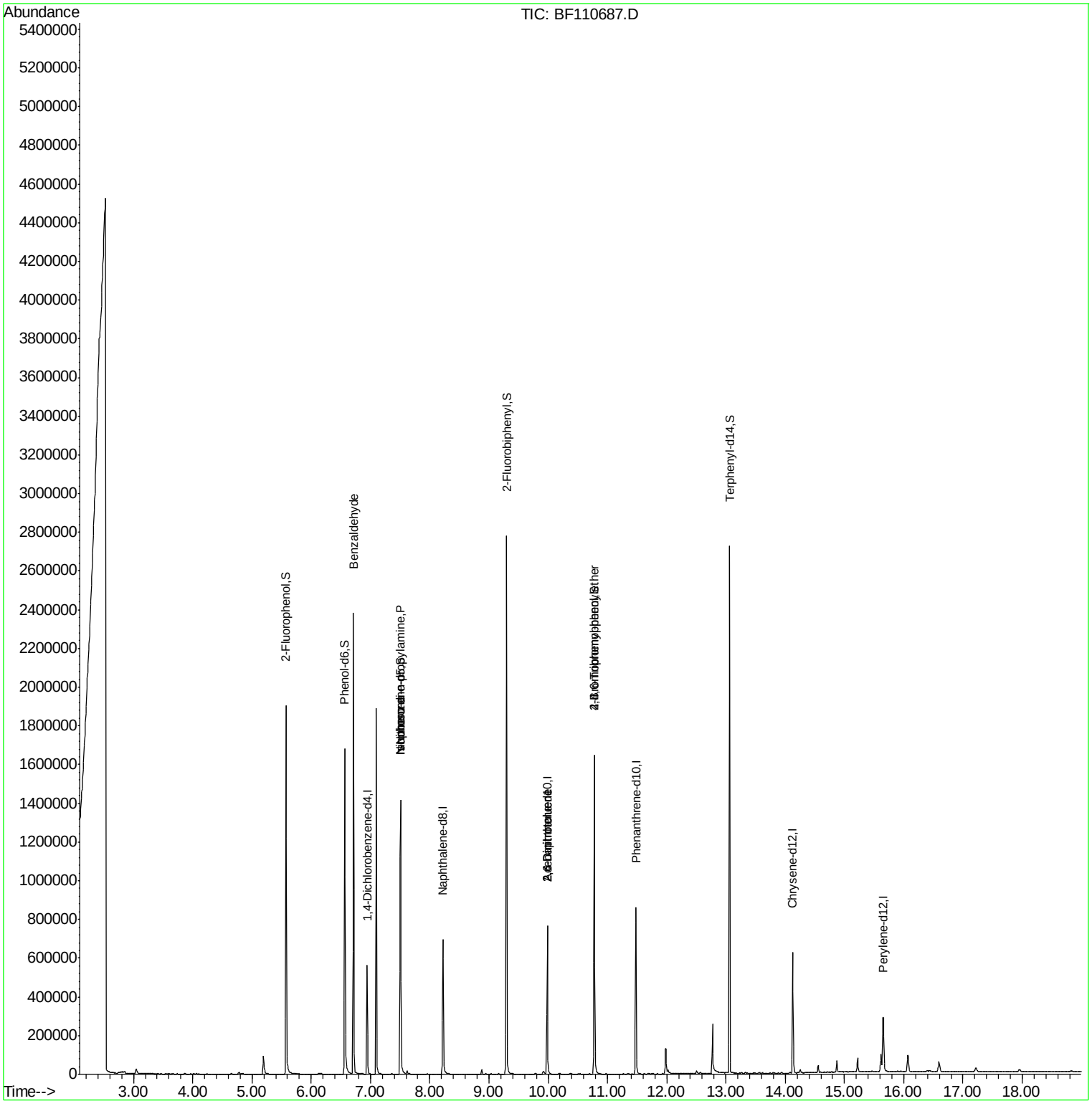
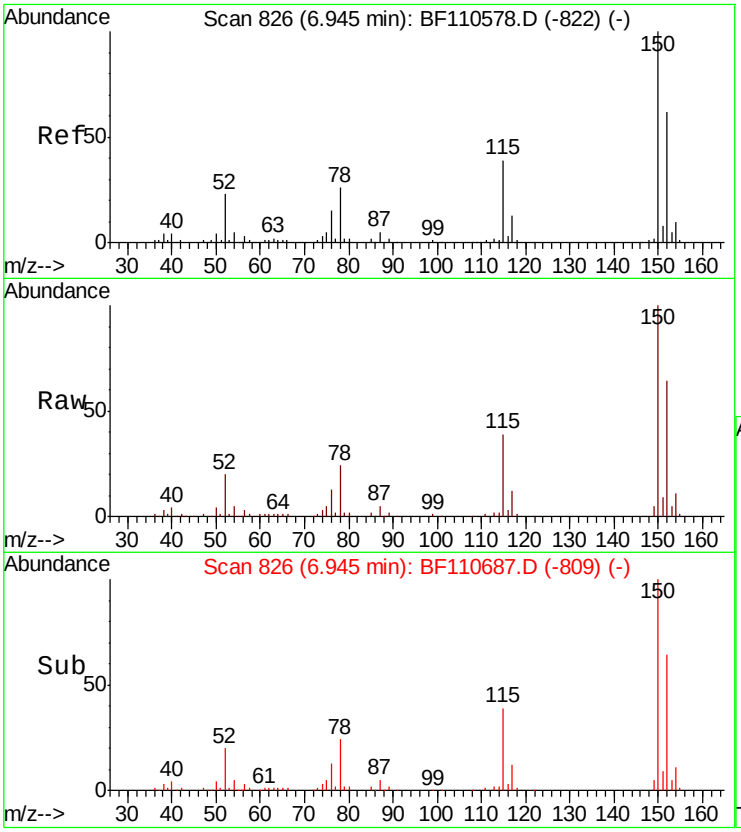


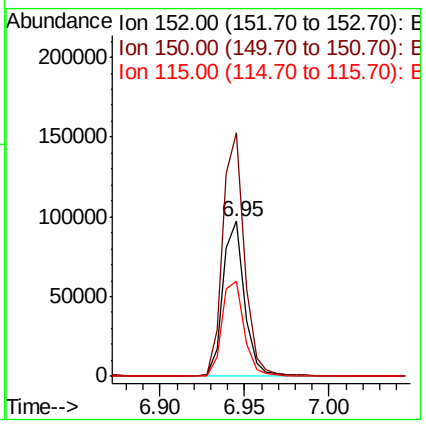


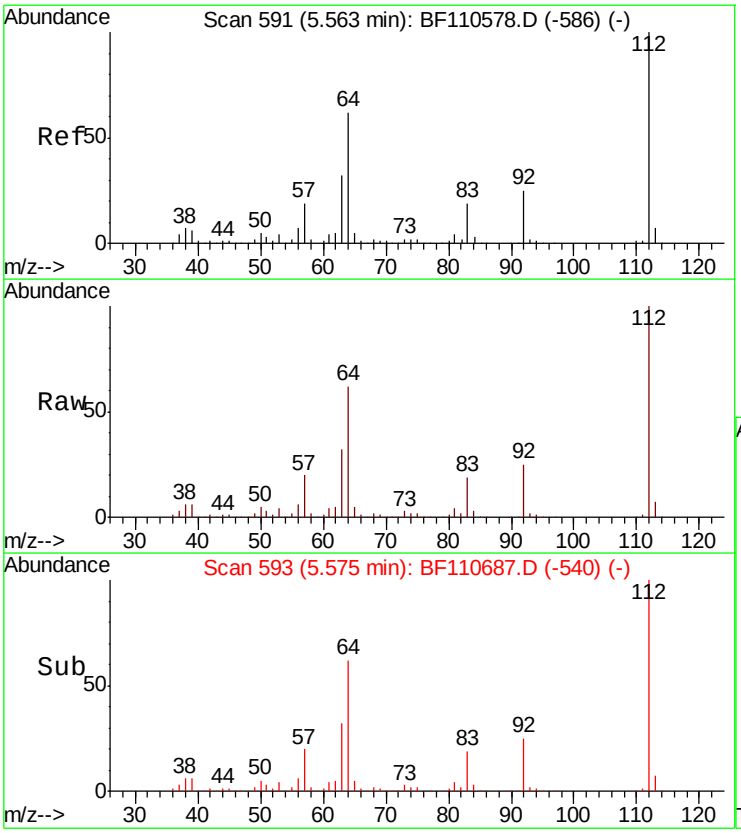
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:152 Resp: 86439

Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.7	184.1
115	61.1	49.1	73.7

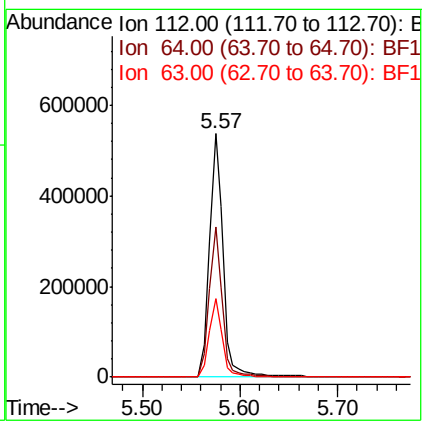


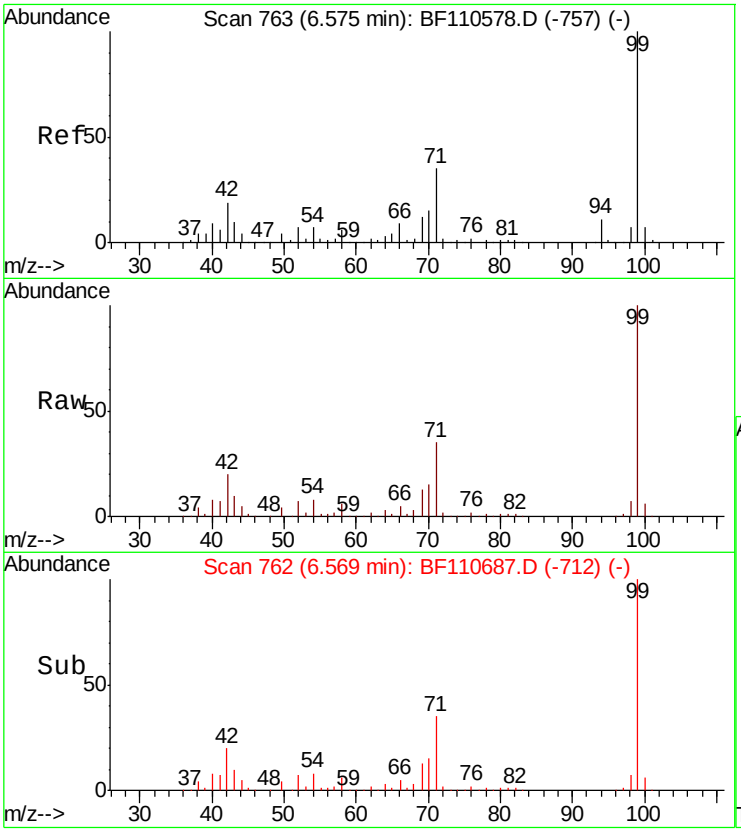


#5
2-Fluorophenol
Concen: 98.092 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:112 Resp: 522001

Ion	Ratio	Lower	Upper
112	100		
64	61.5	44.1	66.1
63	32.3	23.7	35.5



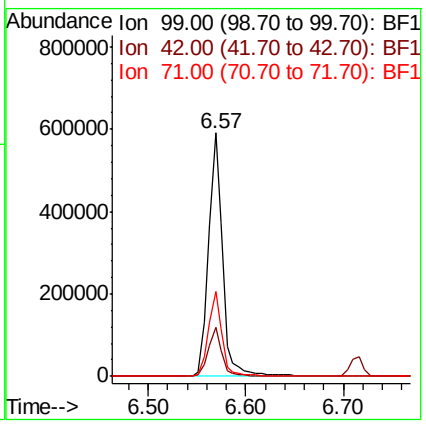


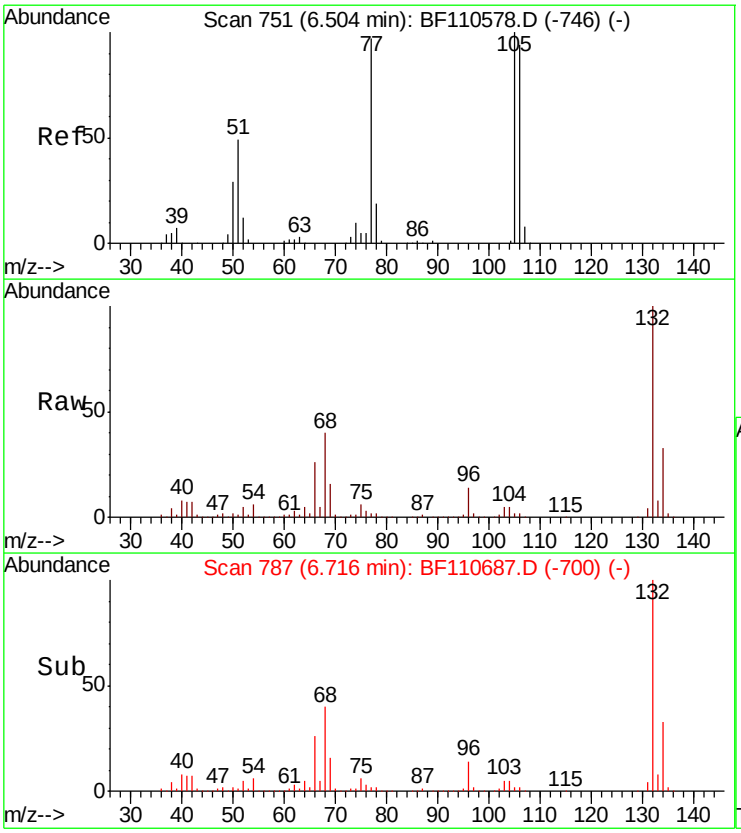
#7
Phenol-d6
Concen: 86.734 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion: 99 Resp: 590222

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	34.7	28.0	42.0

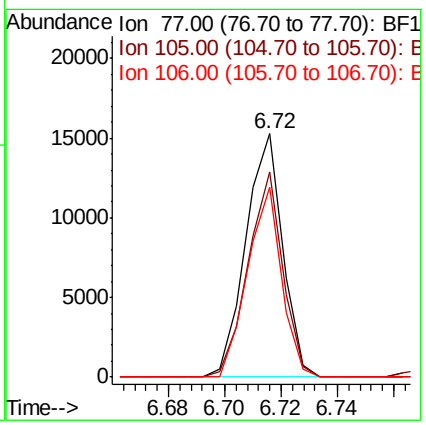


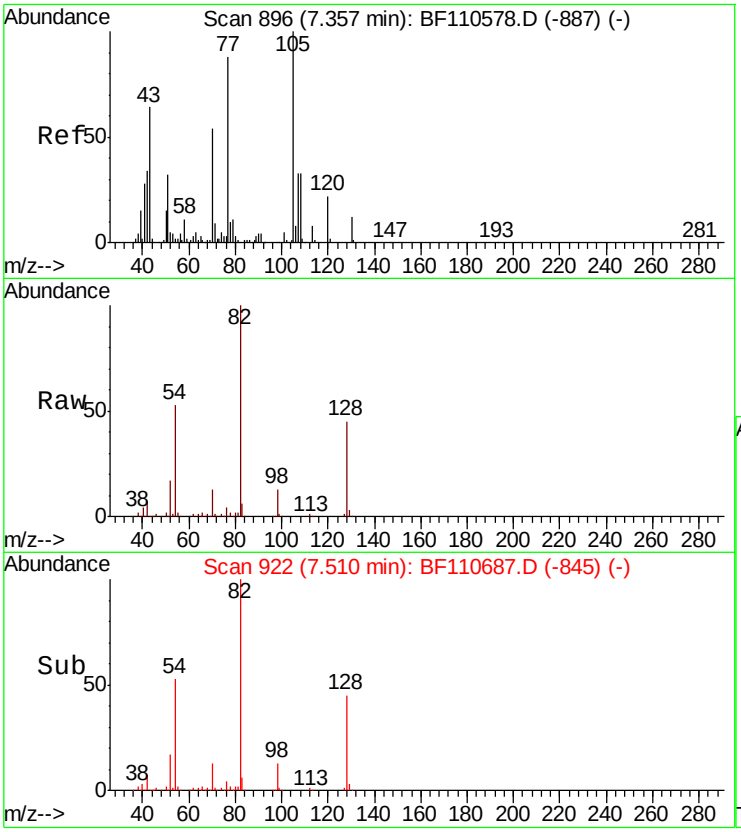


#9
Benzaldehyde
Concen: 2.048 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.21 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion: 77 Resp: 13823

Ion	Ratio	Lower	Upper
77	100		
105	84.1	78.6	118.6
106	77.9	74.8	114.8



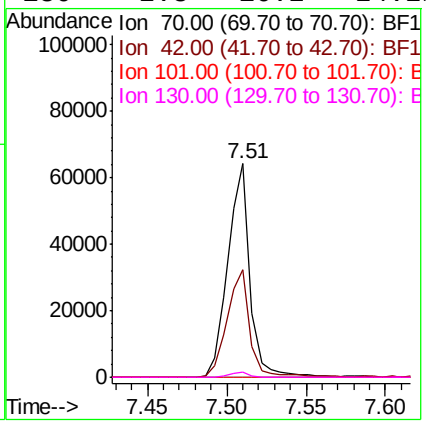


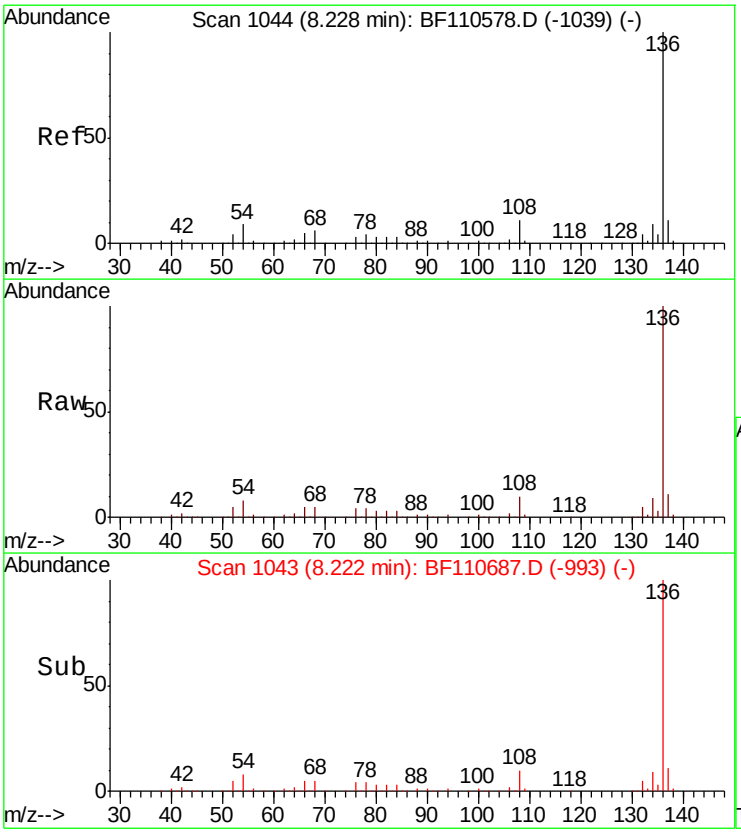
#19
n-Nitroso-di-n-propylamine
Concen: 14.356 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion: 70 Resp: 62359

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.3	16.2	24.2#

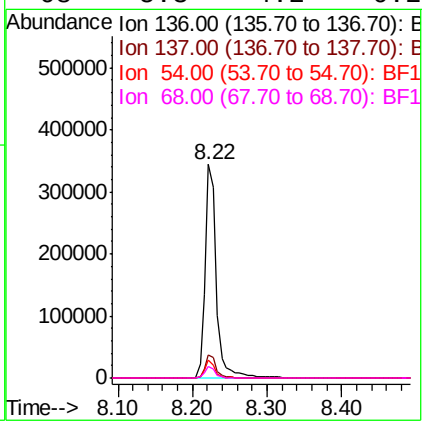


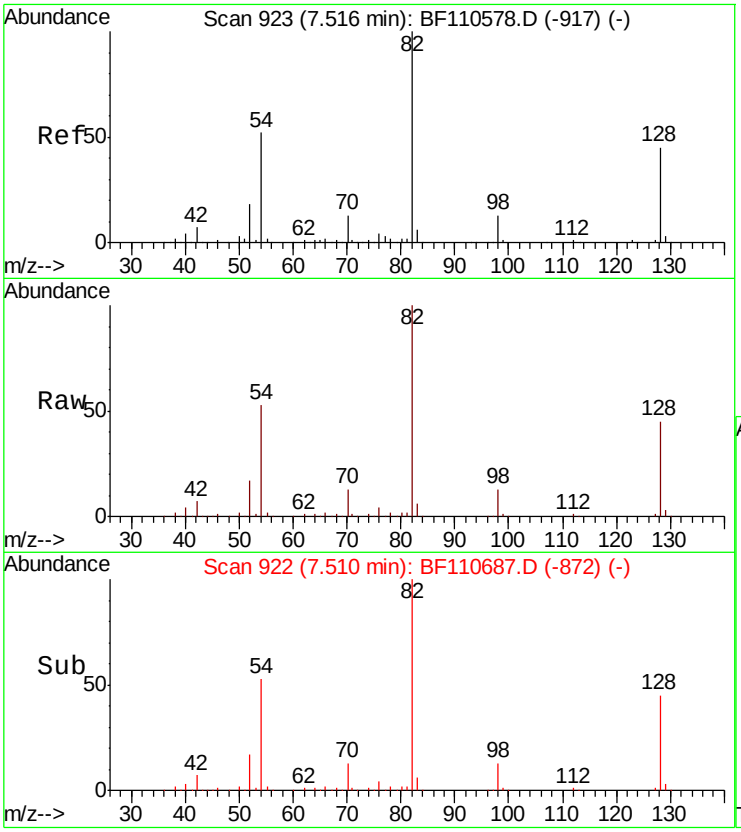


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:136 Resp: 359405

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	5.4	8.2#
68	5.3	4.2	6.2



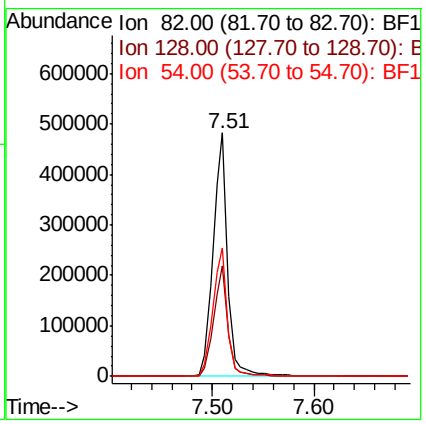


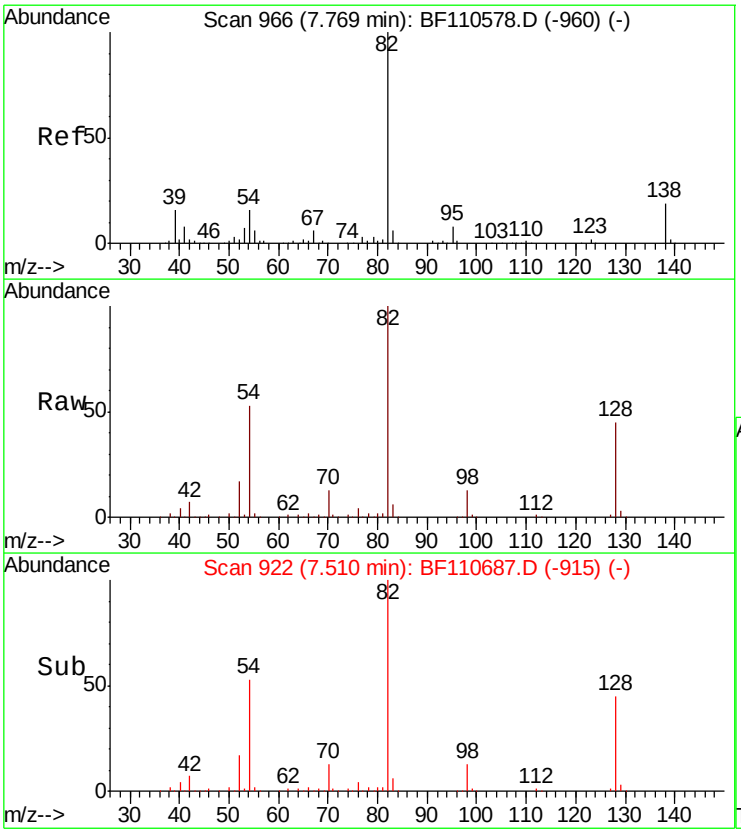
#23
Nitrobenzene-d5
Concen: 76.479 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion: 82 Resp: 477289

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.2	51.2
54	52.6	38.6	58.0

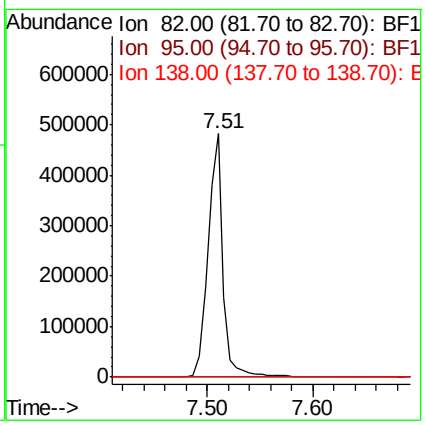


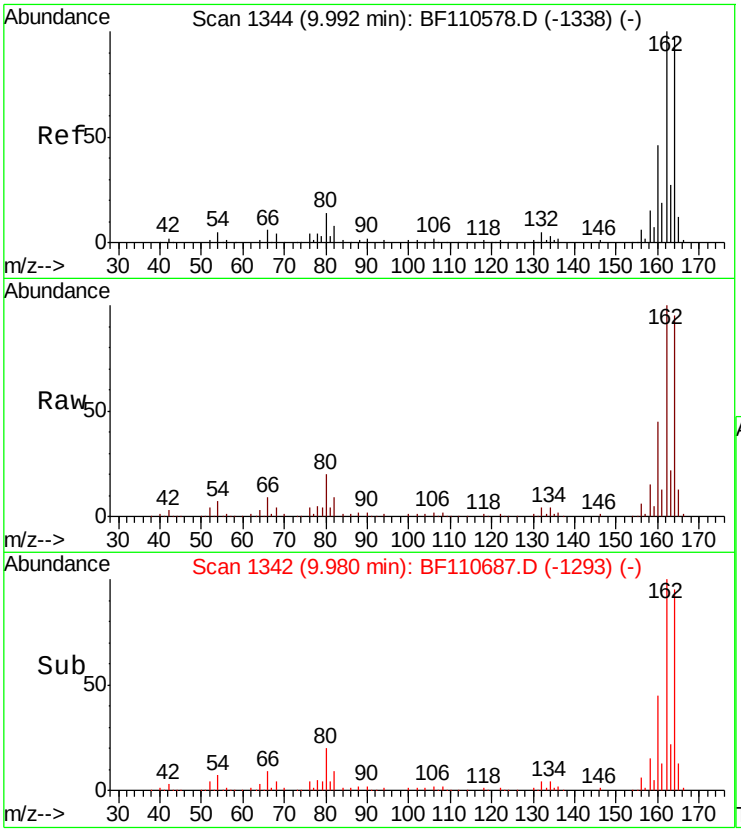


#25
Isophorone
Concen: 46.661 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion: 82 Resp: 477284

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



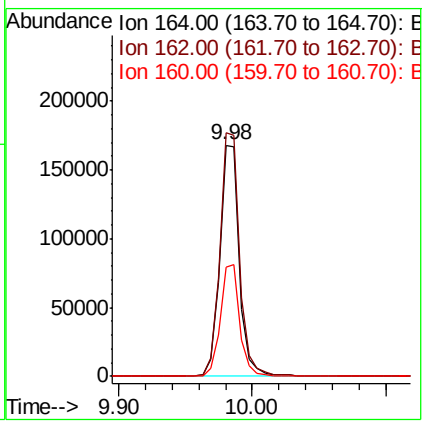


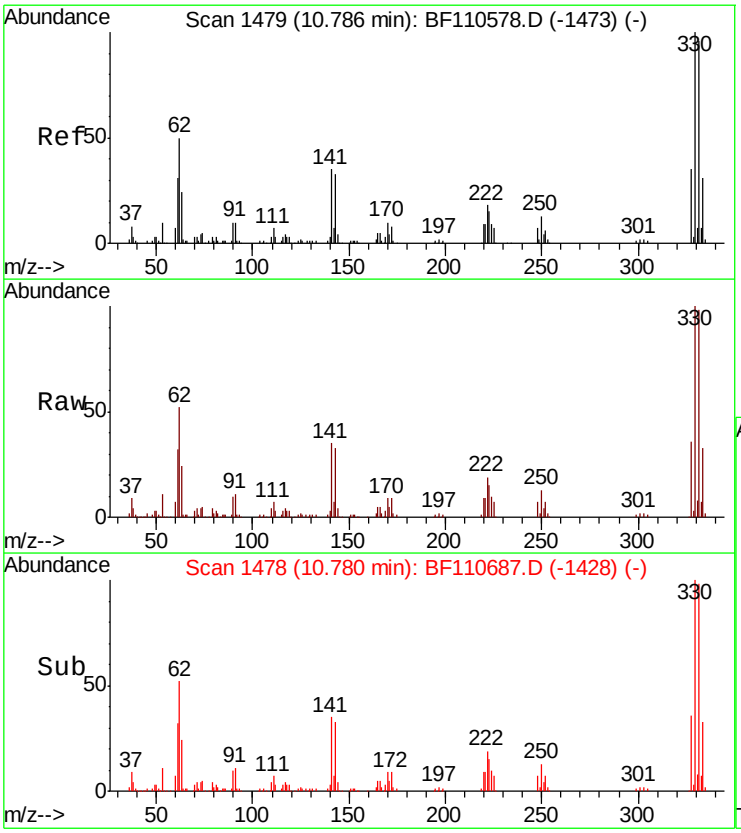
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:164 Resp: 173612

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	47.0	37.0	55.6

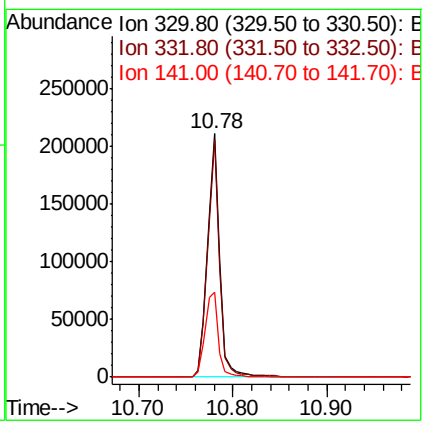


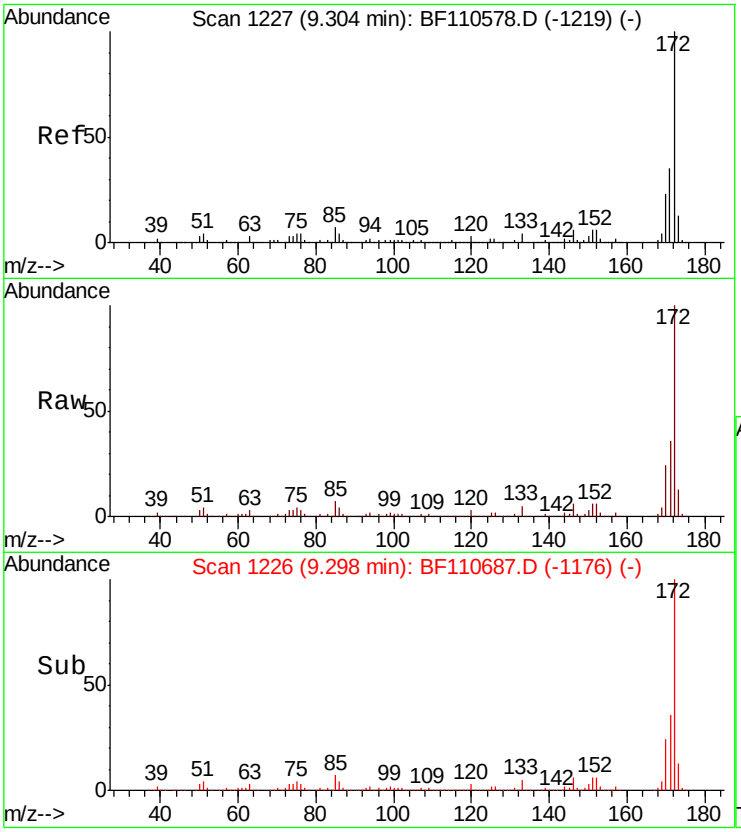


#42
2,4,6-Tribromophenol
Concen: 111.444 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:330 Resp: 194955

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	37.8	27.0	40.4



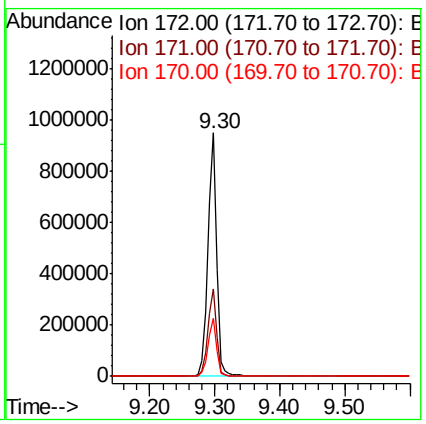


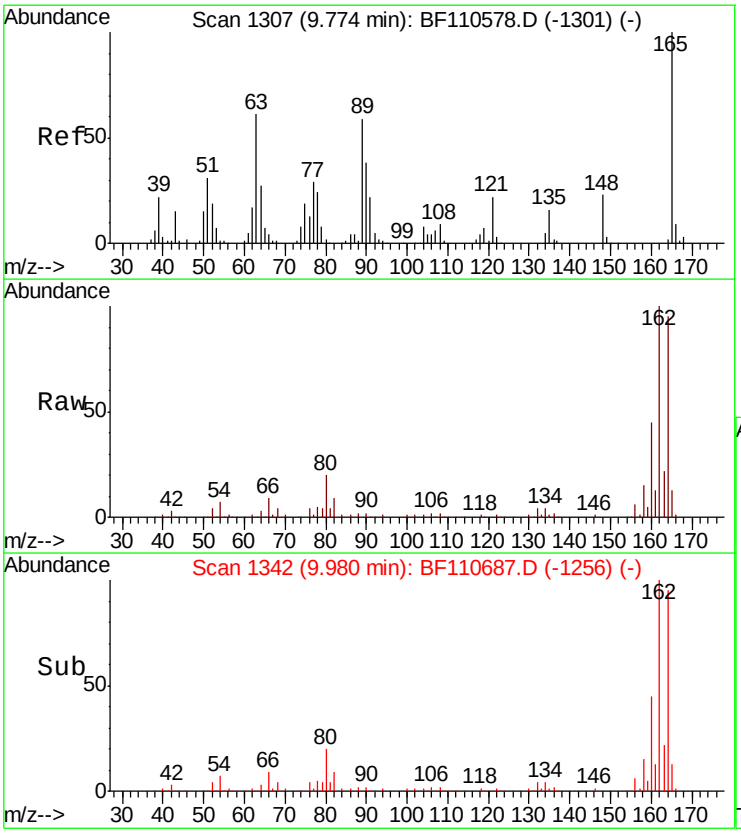
#45
2-Fluorobiphenyl
Concen: 72.919 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:172 Resp: 886411

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.6	19.7	29.5

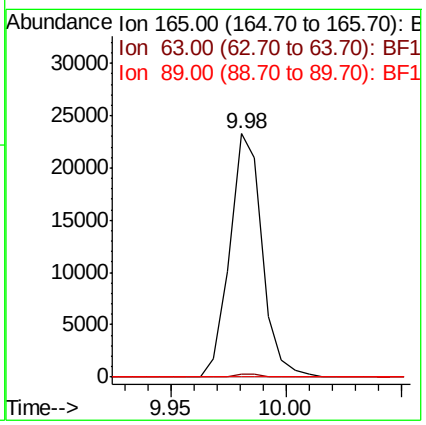


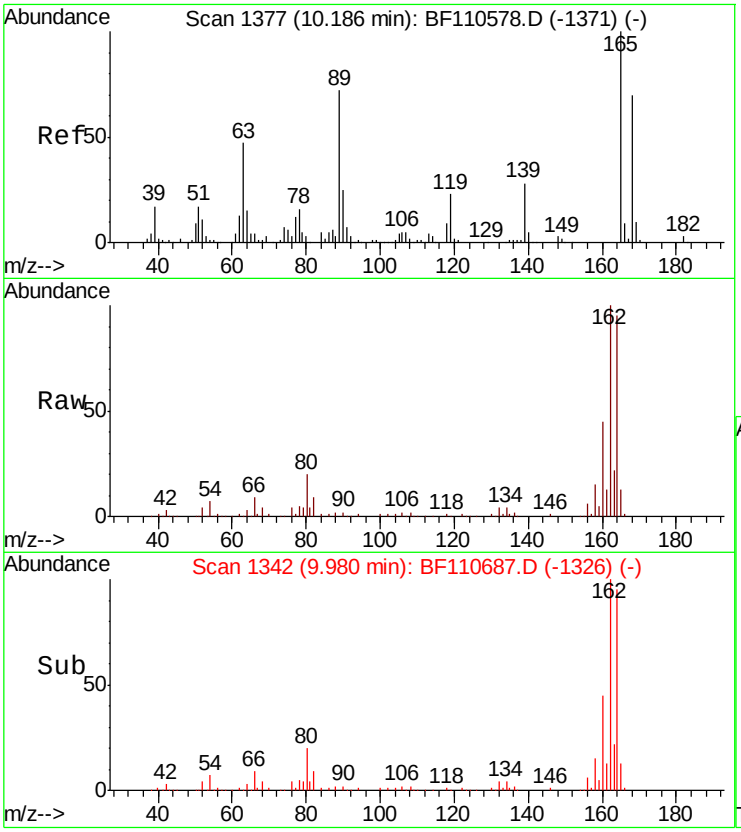


#51
2,6-Dinitrotoluene
Concen: 7.987 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:165 Resp: 22761

Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	0.0	46.6	69.8#



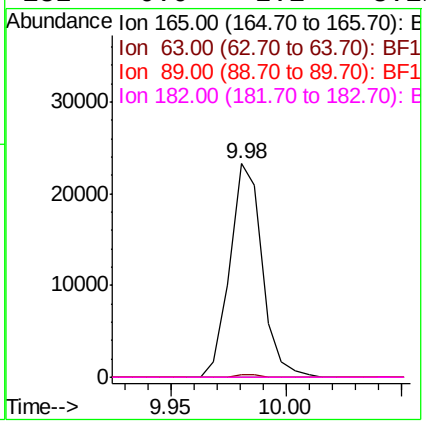


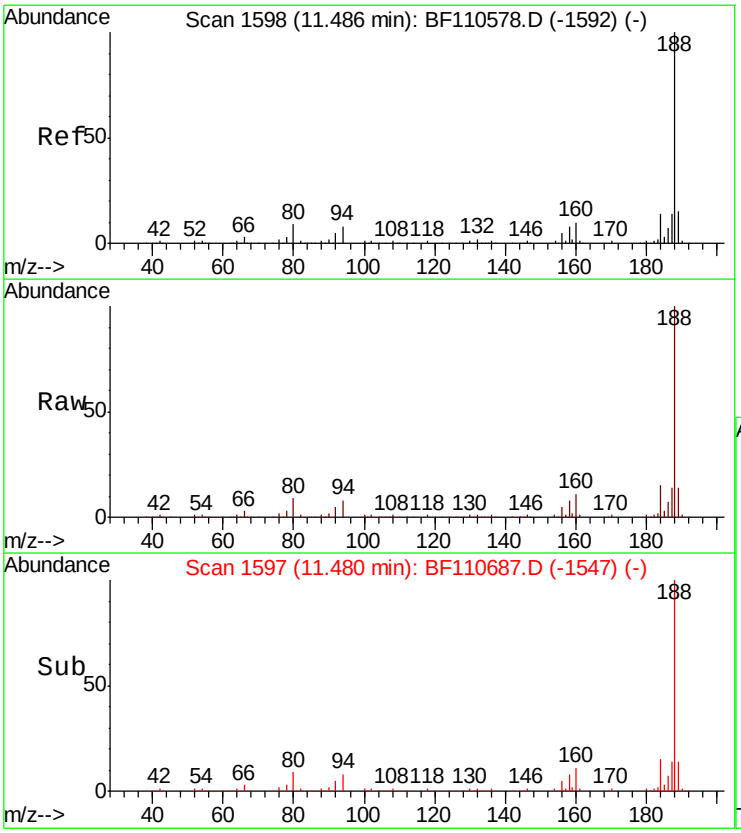
#57
2,4-Dinitrotoluene
Concen: 6.143 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:165 Resp: 22761

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

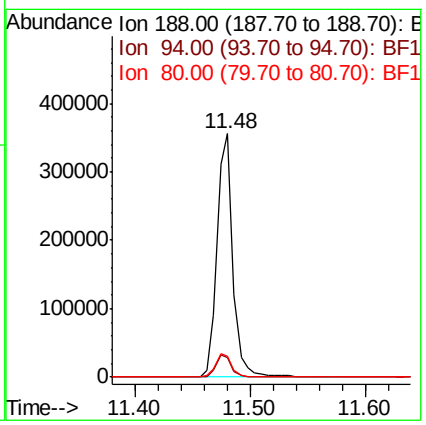


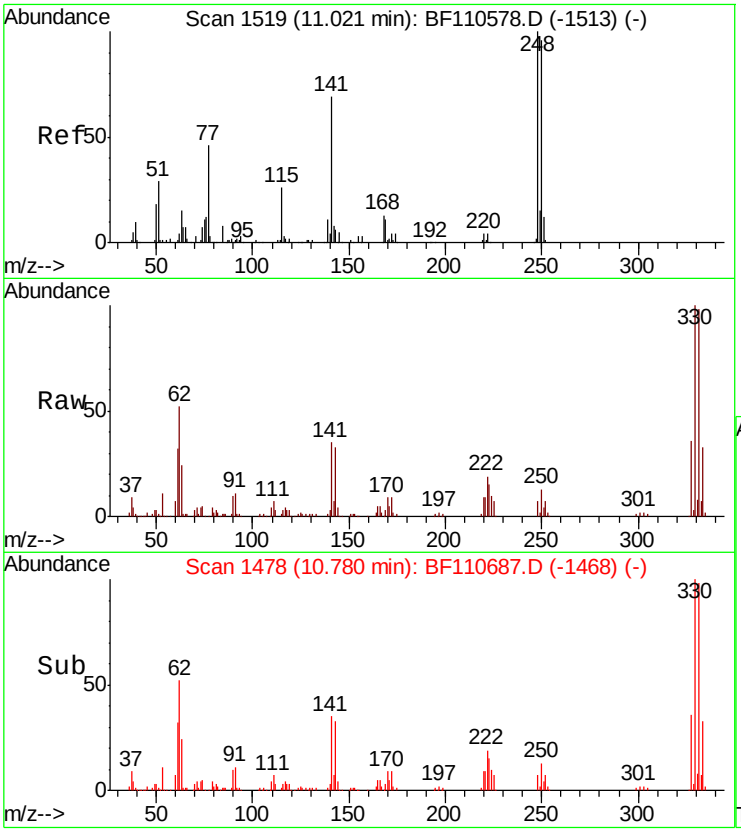


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:188 Resp: 337176

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.6	7.9	11.9



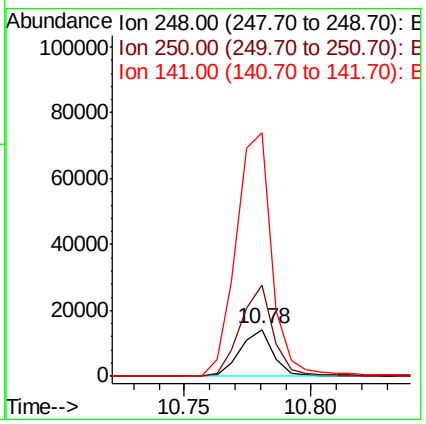


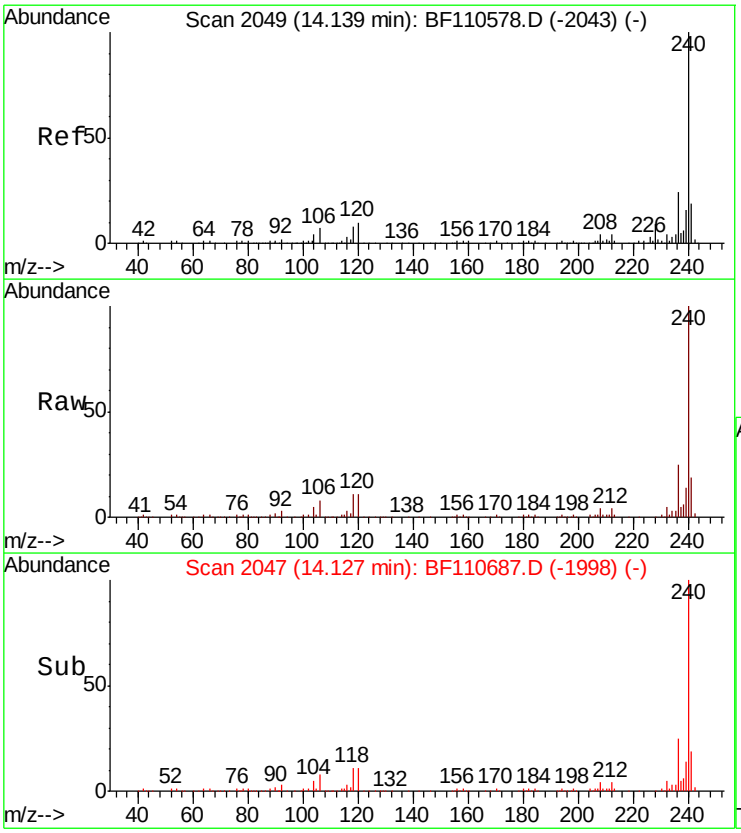
#67
4-Bromophenyl-phenylether
Concen: 3.423 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:248 Resp: 12757

Ion	Ratio	Lower	Upper
248	100		
250	194.3	79.4	119.2#
141	519.6	55.9	83.9#

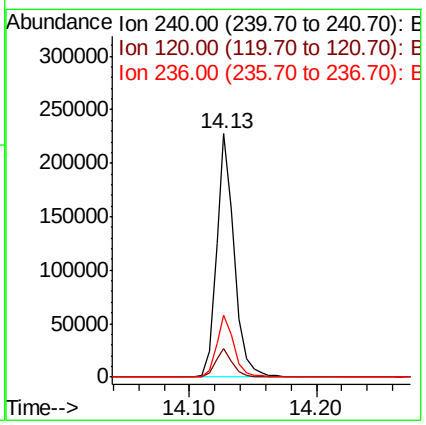


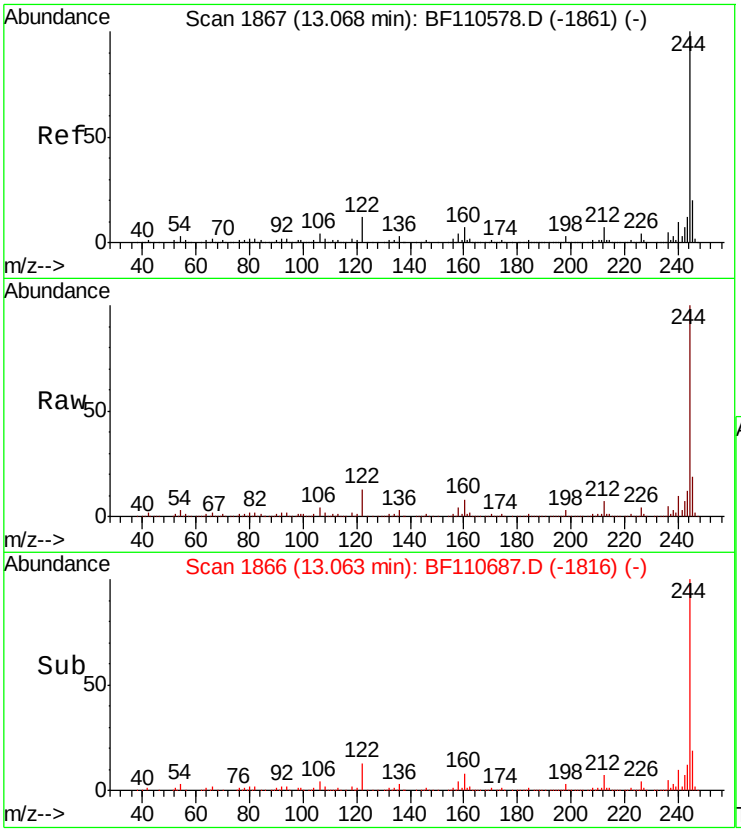


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:240 Resp: 220667

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.2	21.2	31.8



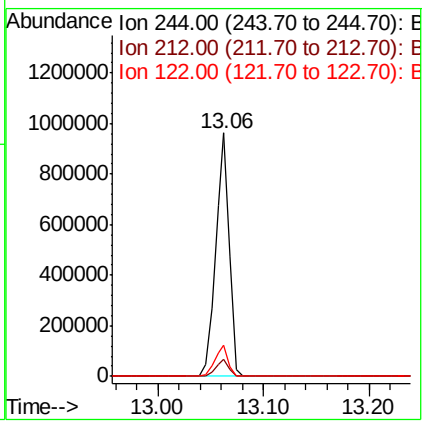


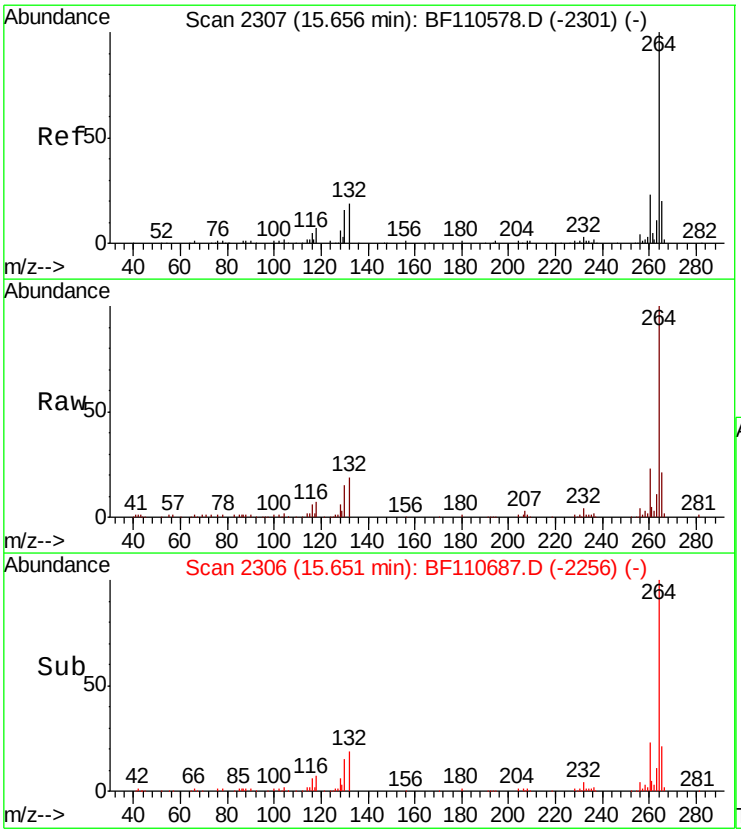
#79
Terphenyl-d14
Concen: 73.964 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:244 Resp: 871516

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.7	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:264 Resp: 162057

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	20.7	16.7	25.1