Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111180.D
Acq On : 7 Dec 2018 12:10
Operator : JU/SJ
Sample : PB115243BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 13:08:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 12:19:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	460793	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1861720	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	891718	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1544567	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1137078	20.00	ng	0.00
87) Perylene-d12	15.40	264	806926	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2908973	98.51	ng	0.02
7) Phenol-d6	6.44	99	3643887	95.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	2405816	76.51	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	798305	112.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3957027	81.56	ng	0.00
79) Terphenyl-d14	12.92	244	3504874	63.13	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.44	77	6068	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	325798	12.745	ng	# 74
25) Isophorone	7.36	82	2371206	41.088	ng	# 65
51) 2,6-Dinitrotoluene	9.84	165	116172	8.829	ng	# 26
57) 2,4-Dinitrotoluene	9.84	165	116172	6.836	ng	# 23
67) 4-Bromophenyl-phenylether	10.63	248	53518	3.273	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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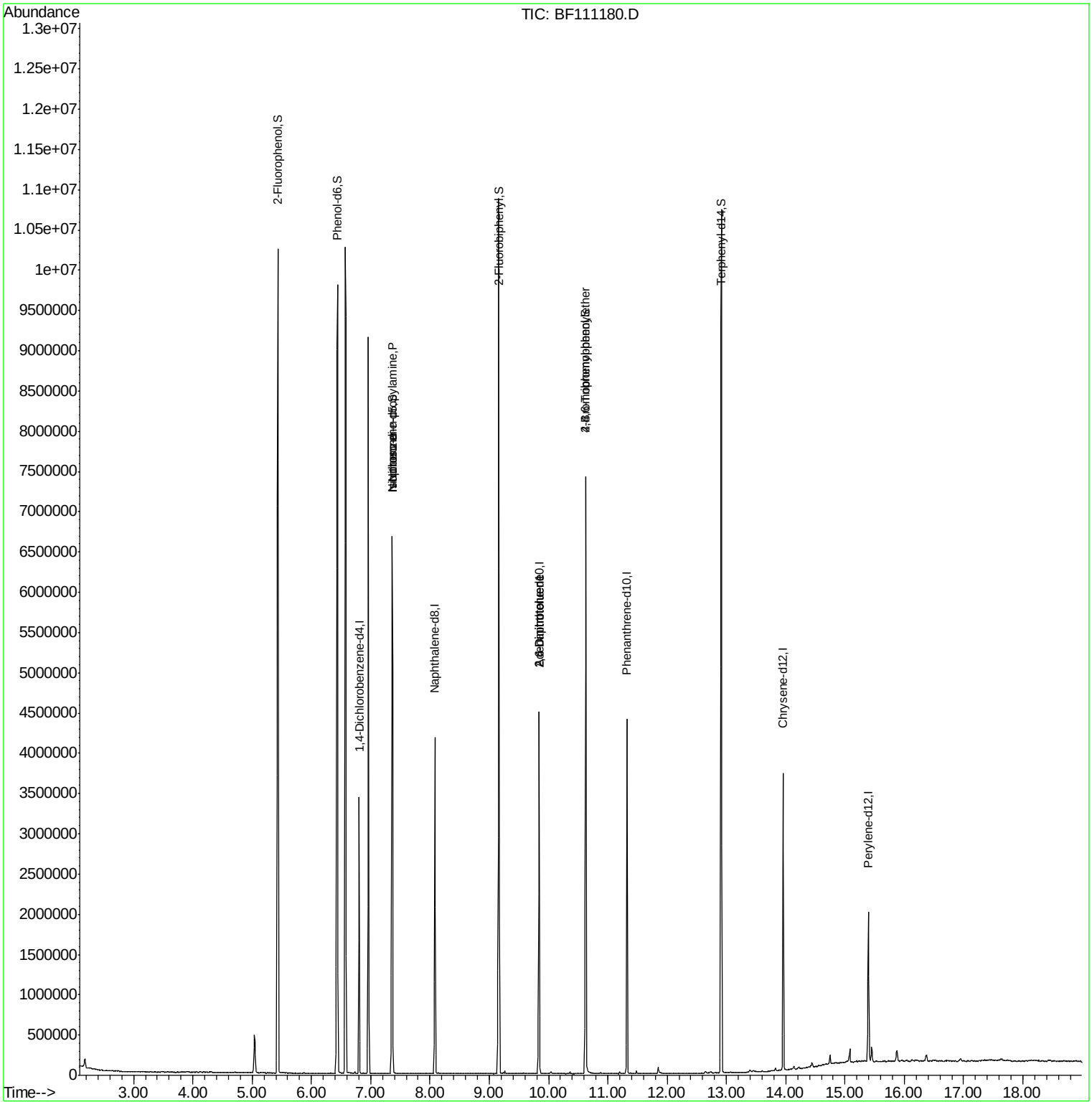
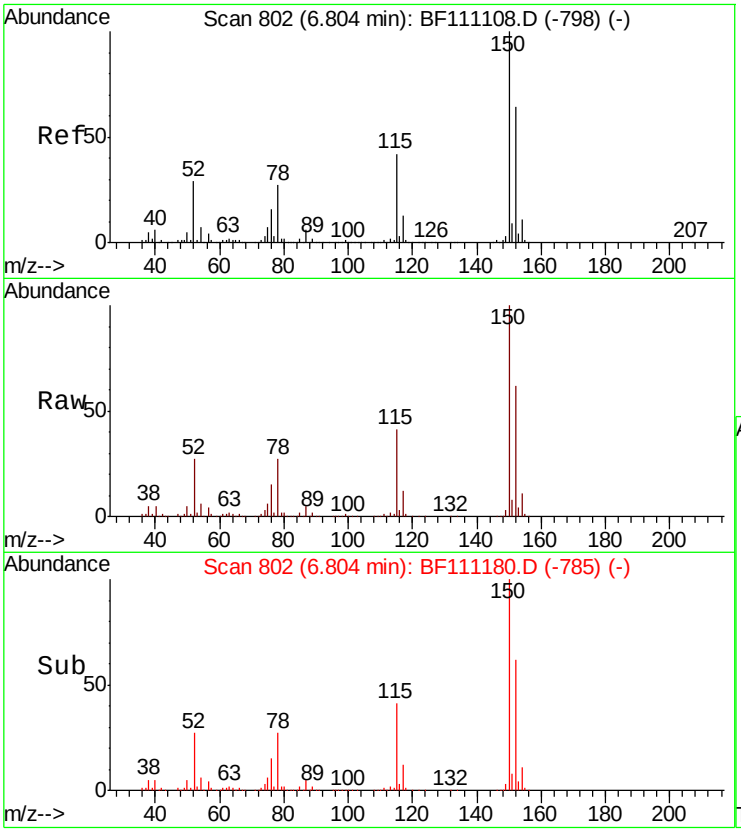
Response via : Initial Calibration



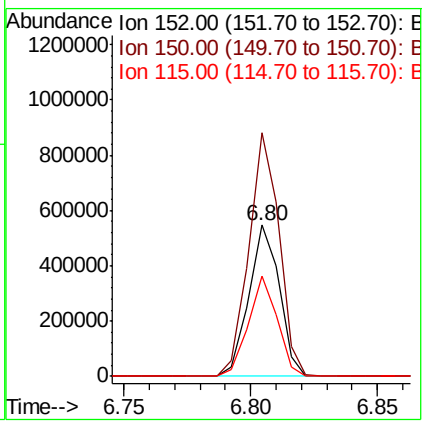


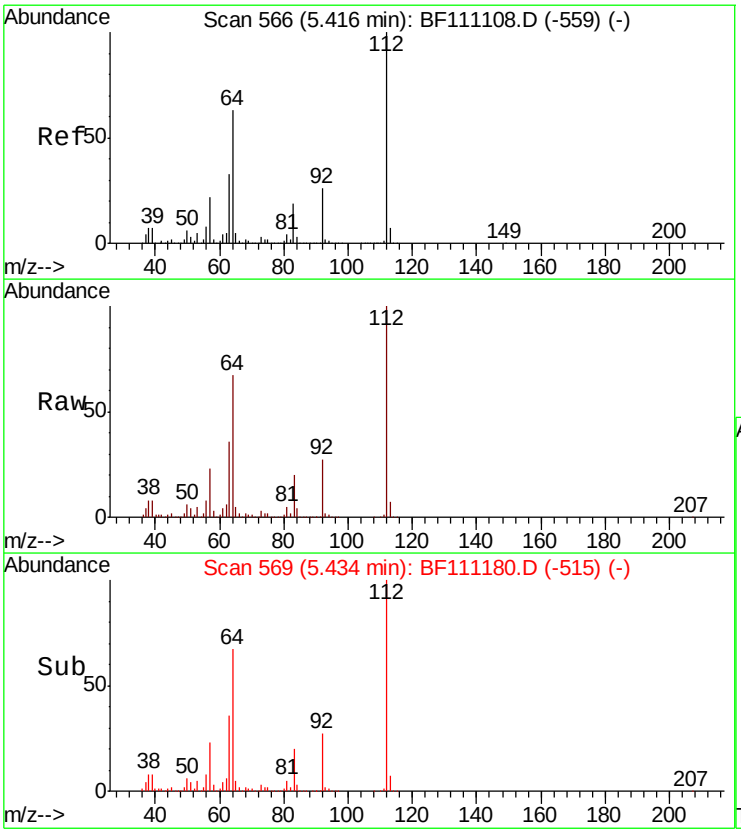
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 460793

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	187.0
115	66.1	52.2	78.2

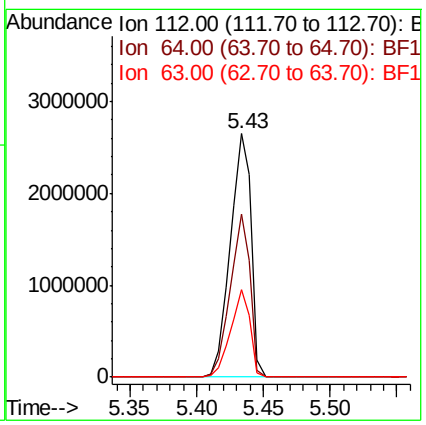


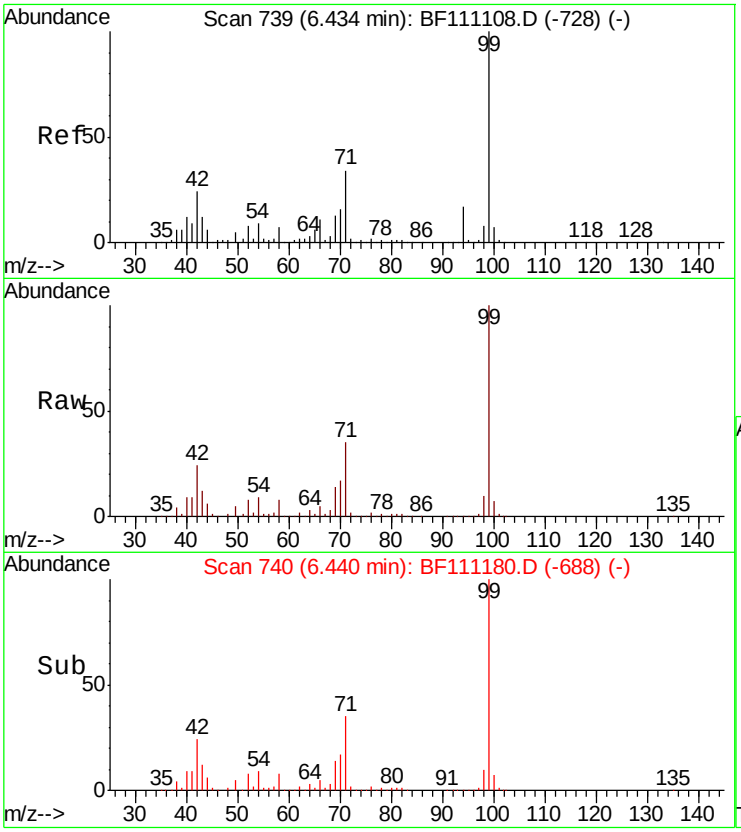


#5
2-Fluorophenol
Concen: 98.511 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:112 Resp: 2908973

Ion	Ratio	Lower	Upper
112	100		
64	66.8	50.2	75.4
63	35.7	26.6	39.8



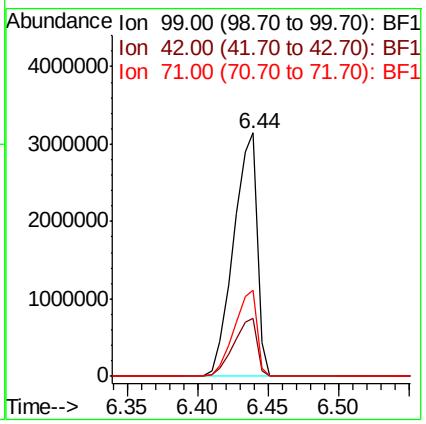


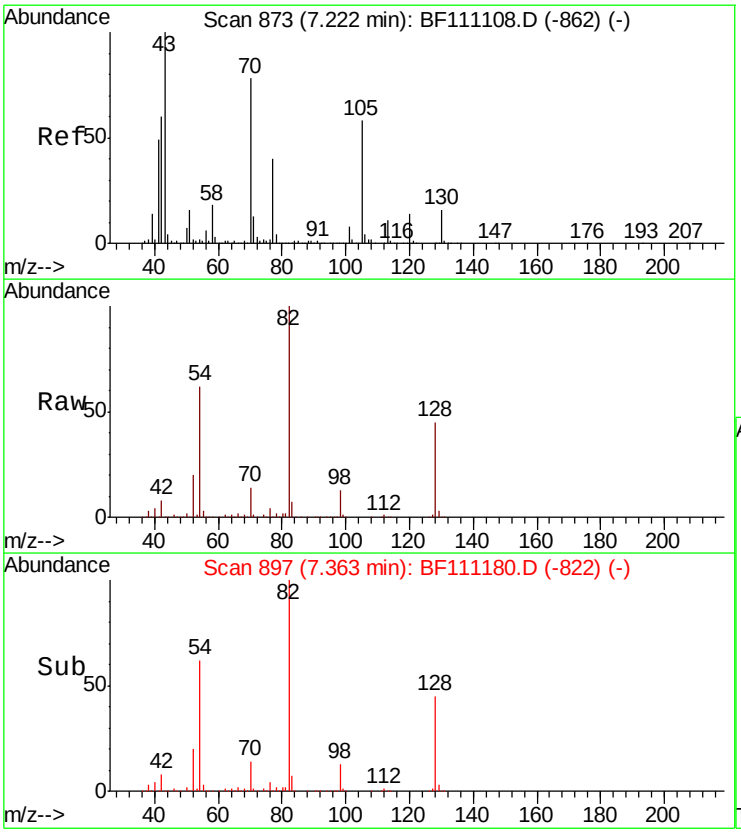
#7
Phenol-d6
Concen: 95.794 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3643887

Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.3	28.9
71	35.2	27.4	41.2

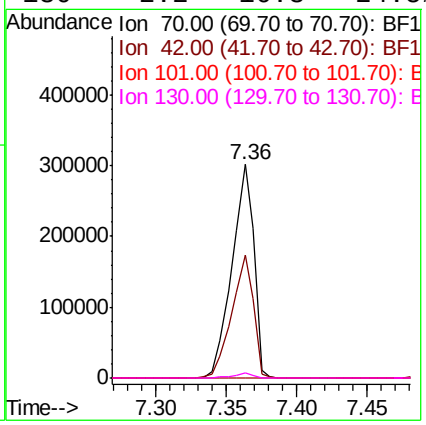


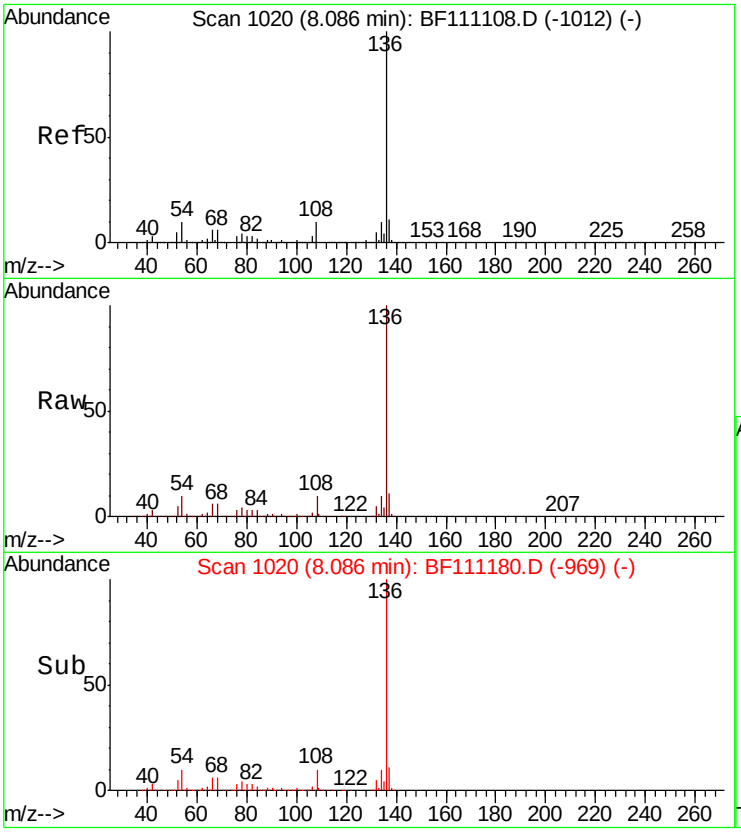


#19
n-Nitroso-di-n-propylamine
Concen: 12.745 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion: 70 Resp: 325798

Ion	Ratio	Lower	Upper
70	100		
42	57.8	61.3	91.9#
101	0.0	7.7	11.5#
130	2.2	16.3	24.5#



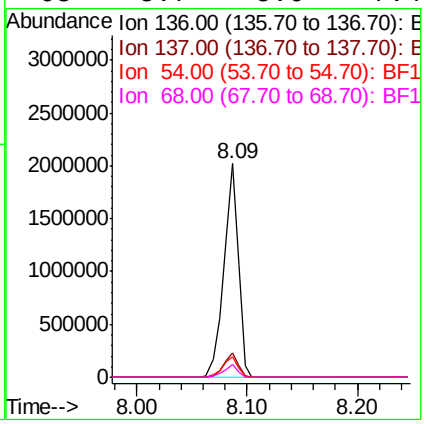


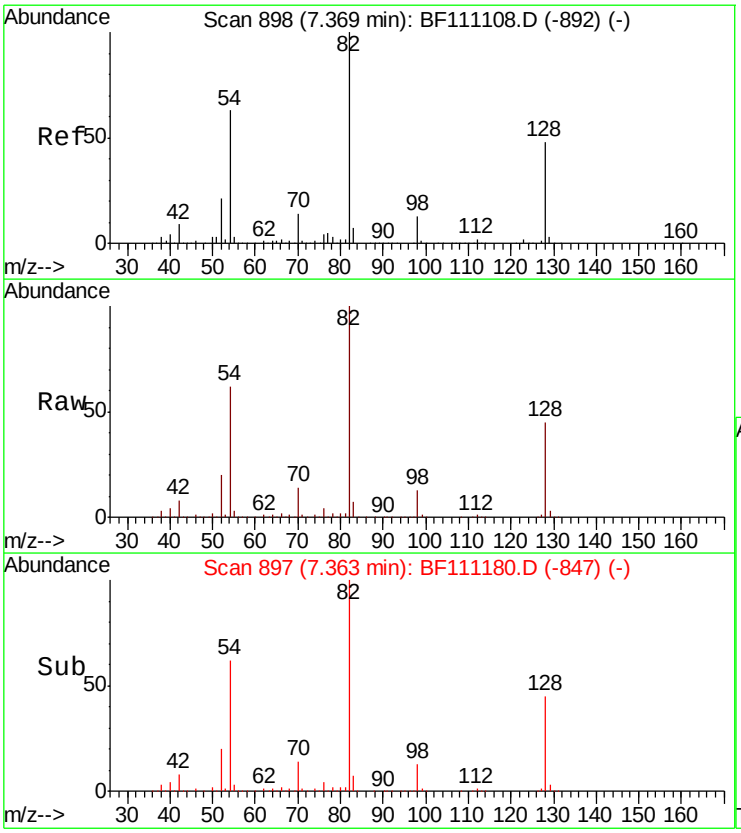
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1861720

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.9	8.4	12.6
68	5.7	5.0	7.4

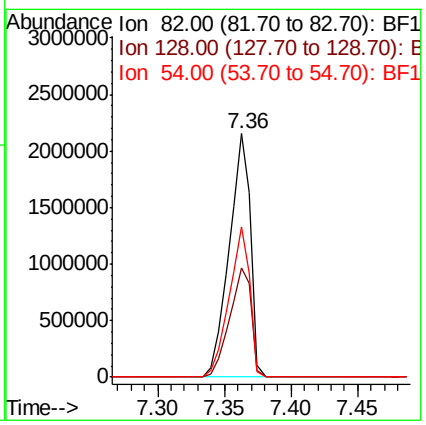


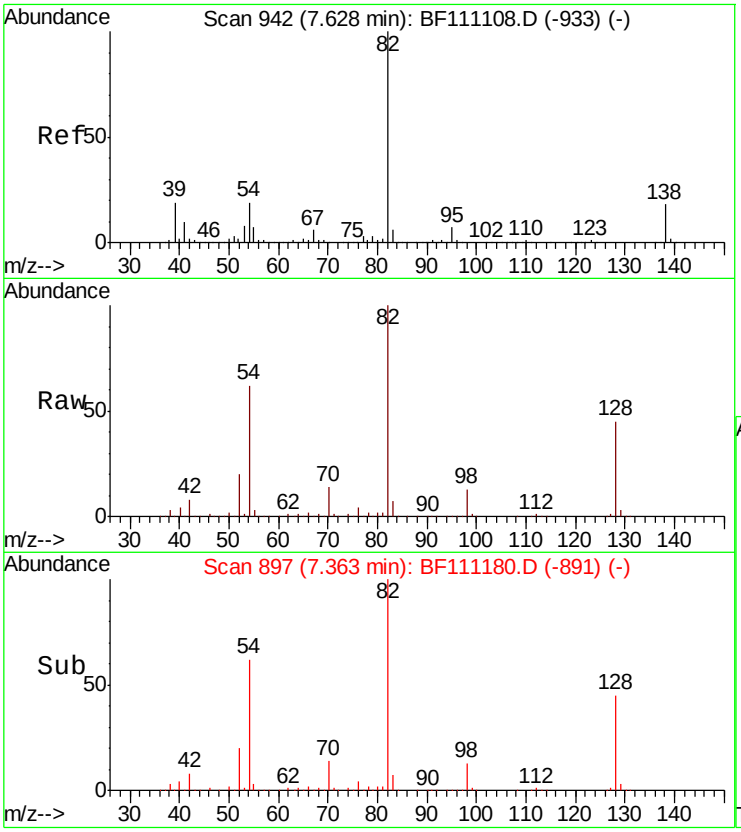


#23
Nitrobenzene-d5
Concen: 76.506 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion: 82 Resp: 2405816

Ion	Ratio	Lower	Upper
82	100		
128	45.1	38.1	57.1
54	61.6	50.3	75.5

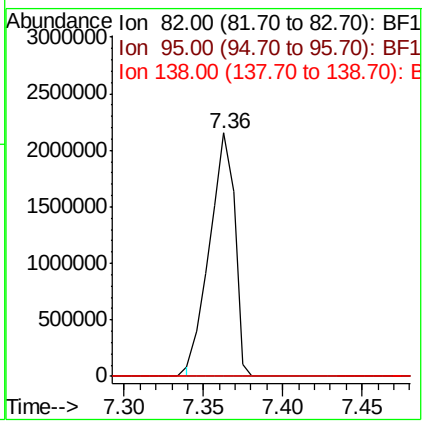




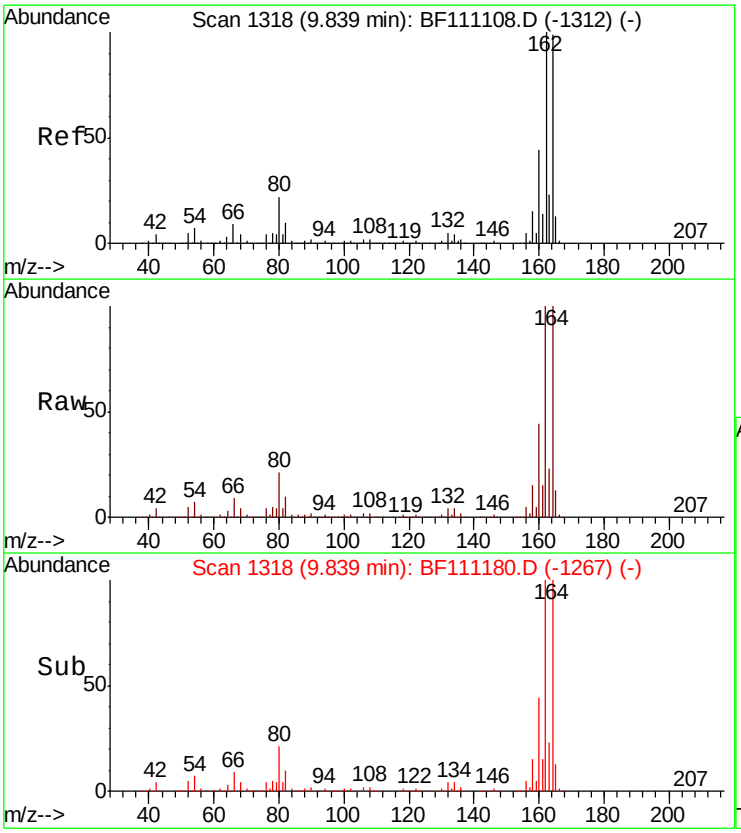
#25
Isophorone
Concen: 41.088 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion: 82 Resp: 2371206

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



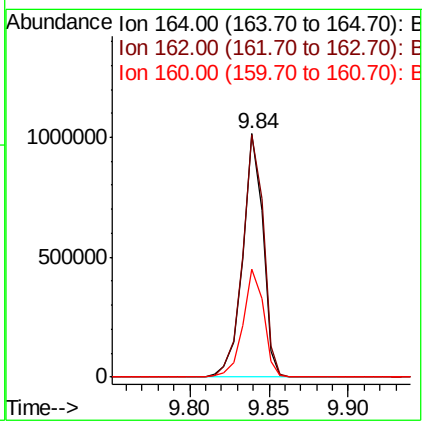
Instrument :
BNA_F
ClientSampleId :

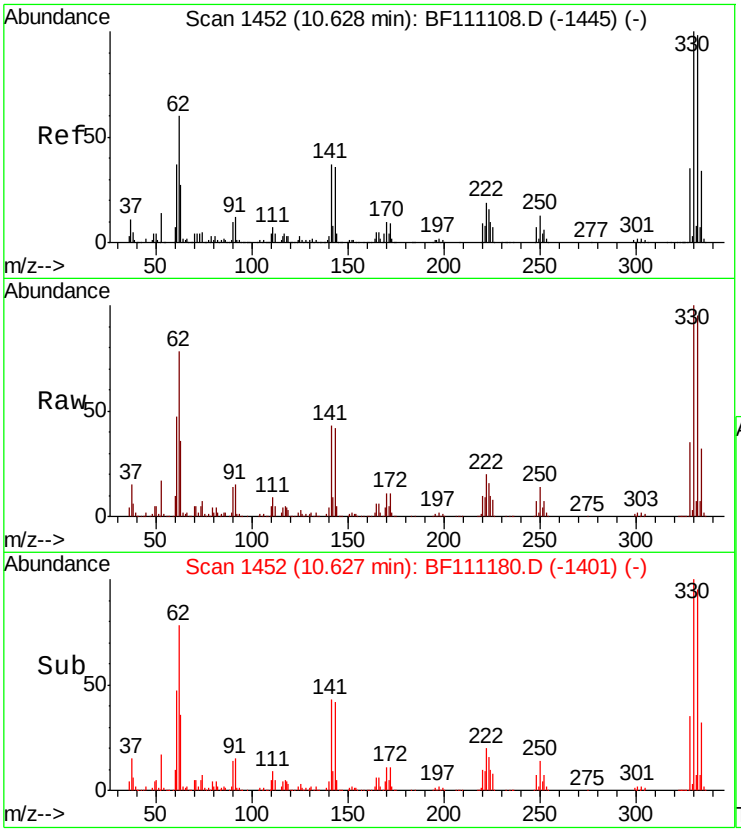


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:164 Resp: 891718

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	44.3	35.5	53.3



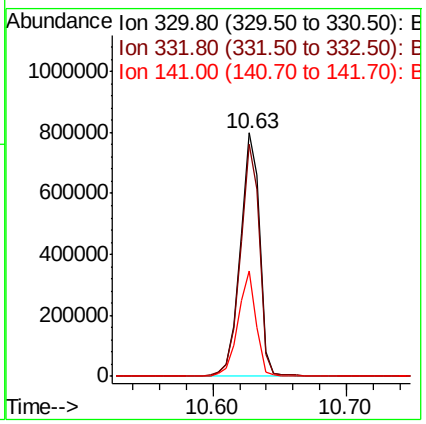


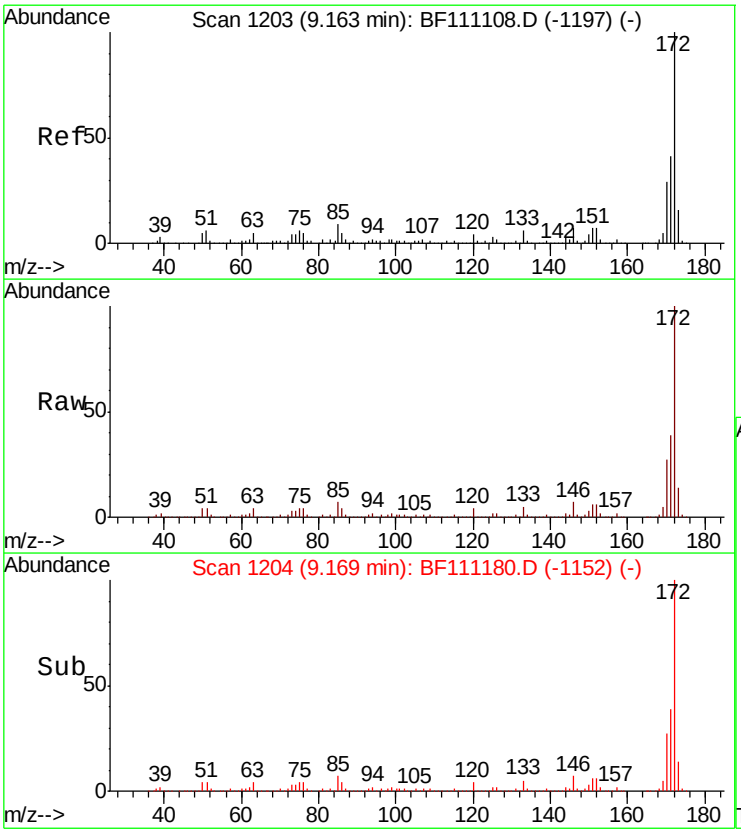
#42
2,4,6-Tribromophenol
Concen: 112.625 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 798305

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.2	115.8
141	40.8	36.1	54.1

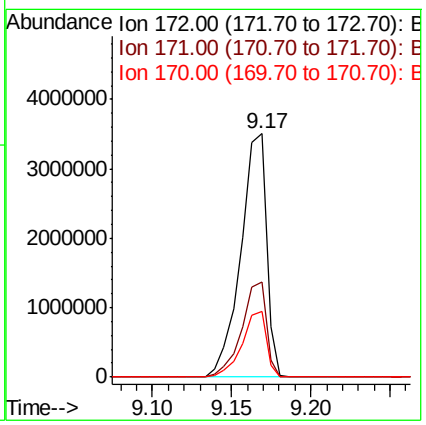


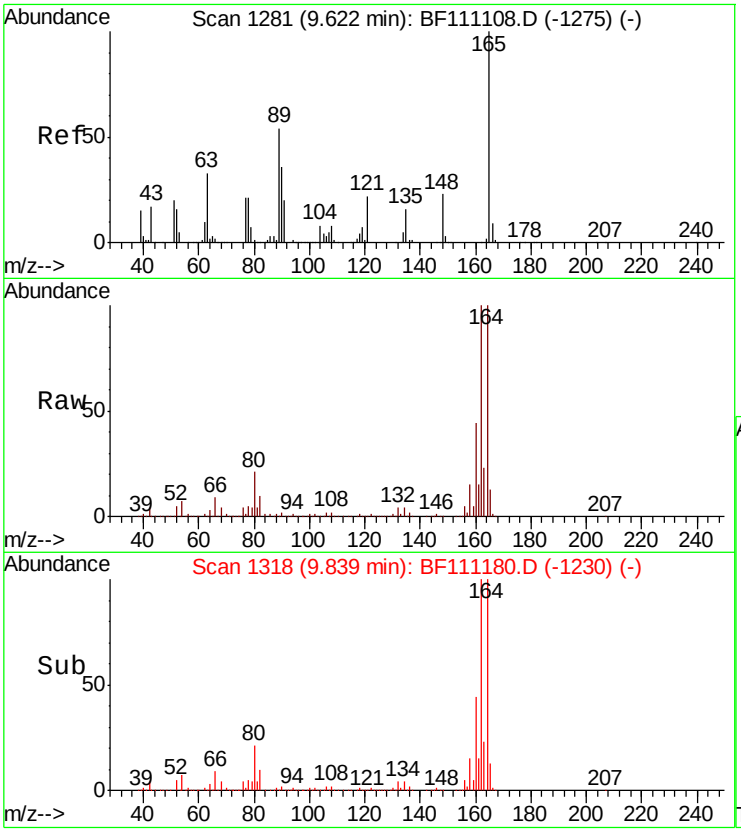


#45
2-Fluorobiphenyl
Concen: 81.560 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:172 Resp: 3957027

Ion	Ratio	Lower	Upper
172	100		
171	39.3	33.2	49.8
170	26.8	22.9	34.3



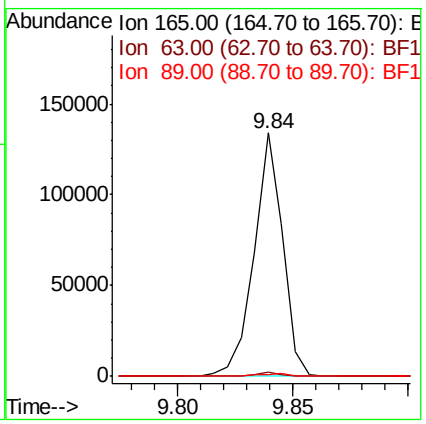


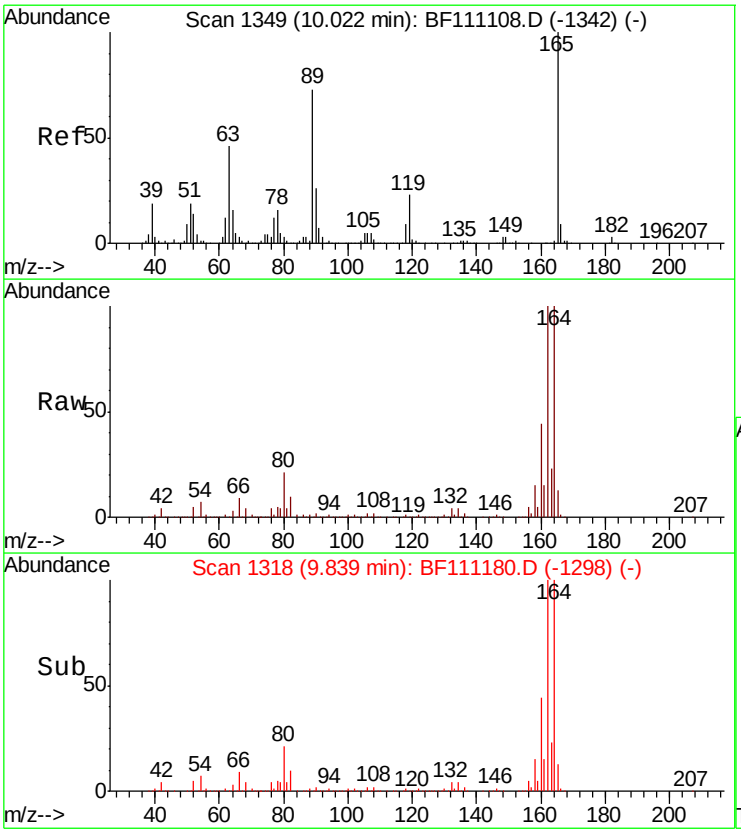
#51
2,6-Dinitrotoluene
Concen: 8.829 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.22 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 116172

Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.9	43.0	64.4#

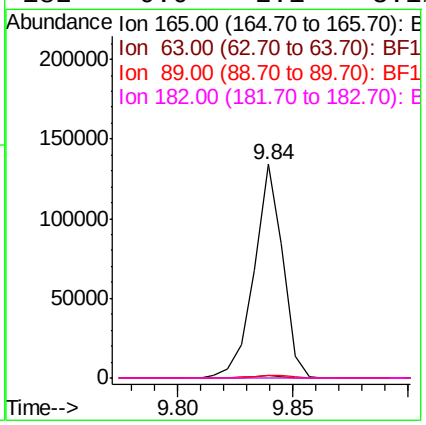


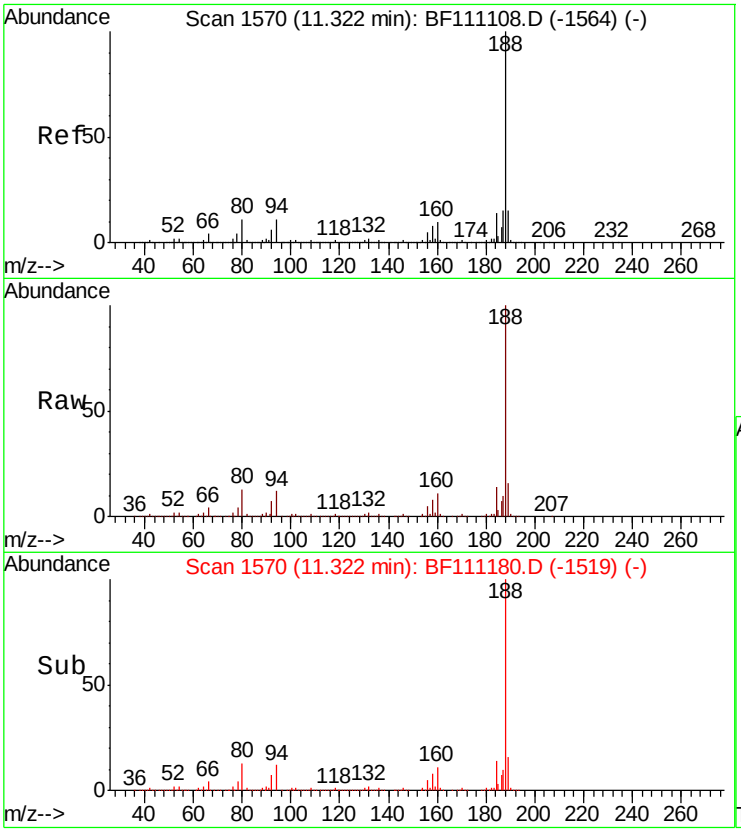


#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.18 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:165 Resp: 116172

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	0.9	58.4	87.6#
182	0.0	2.1	3.1#



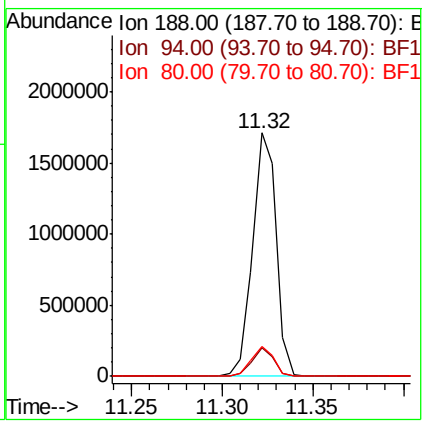


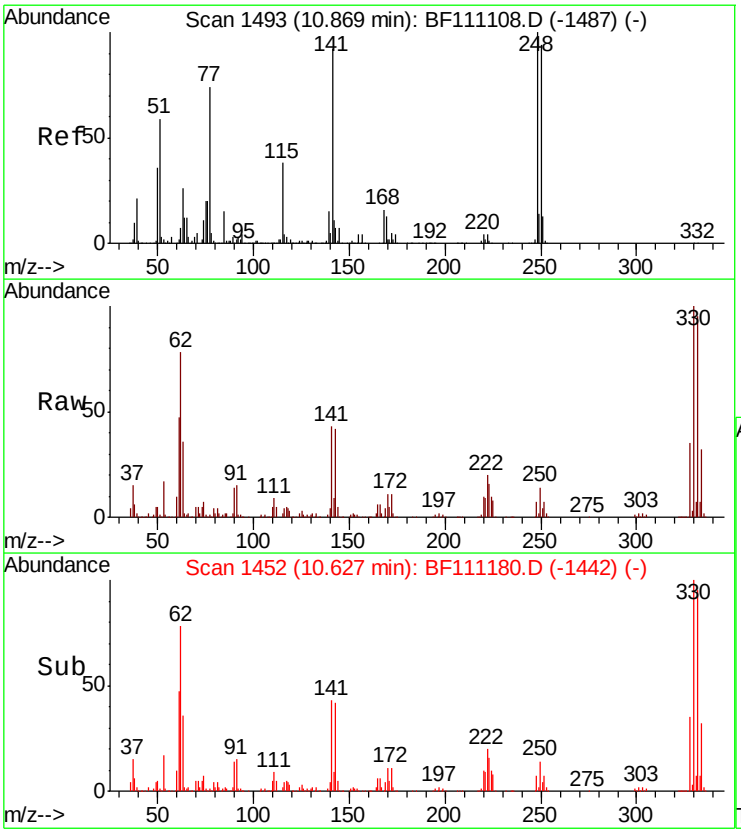
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1544567

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.5	9.0	13.6

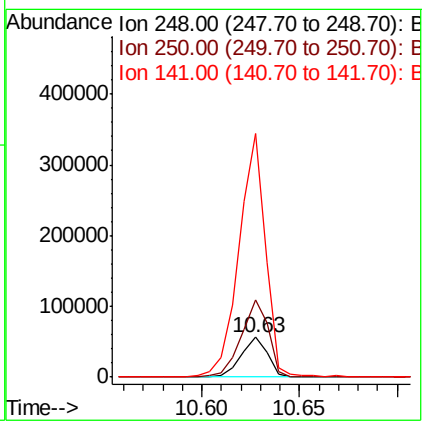


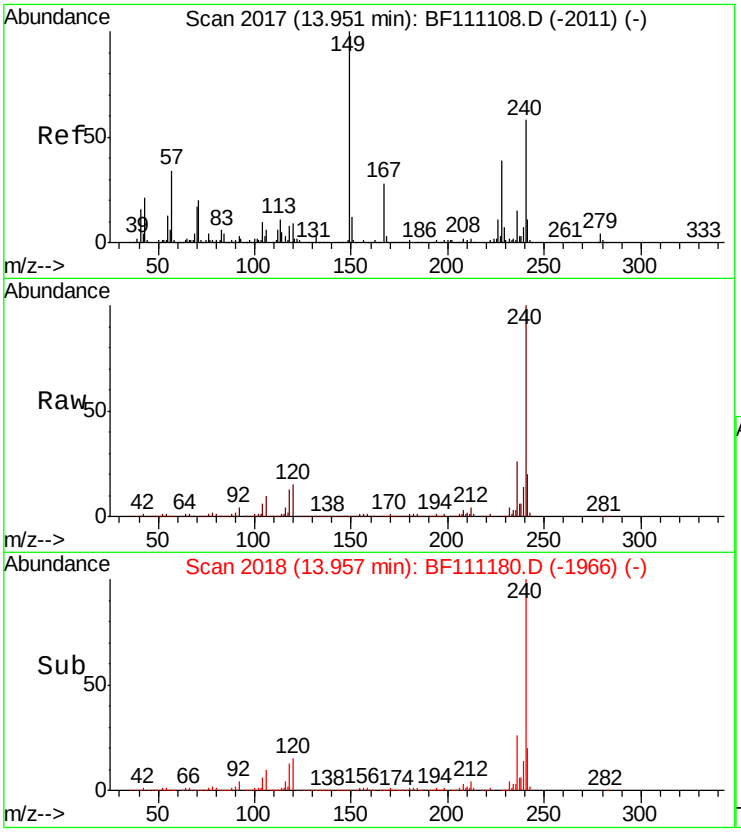


#67
4-Bromophenyl-phenylether
Concen: 3.273 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:248 Resp: 53518

Ion	Ratio	Lower	Upper
248	100		
250	195.4	75.4	113.0#
141	616.4	73.8	110.6#



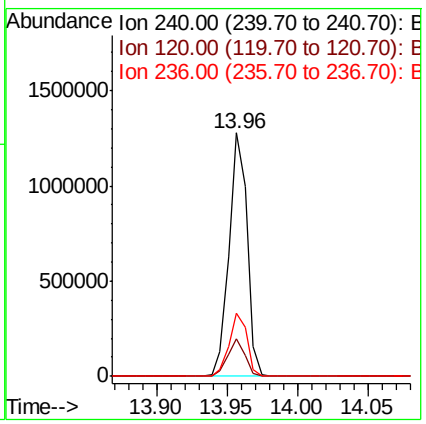


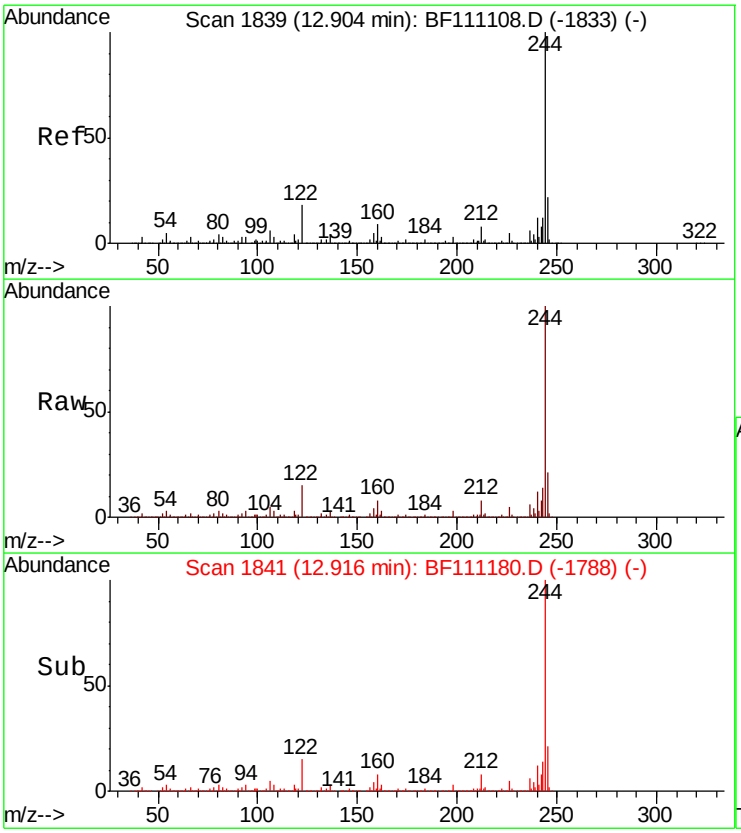
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 1137078

Ion	Ratio	Lower	Upper
240	100		
120	15.2	12.8	19.2
236	26.1	21.1	31.7

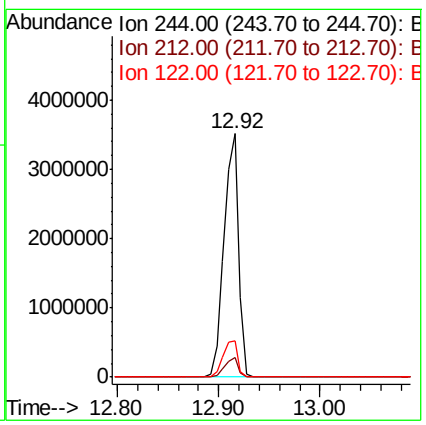


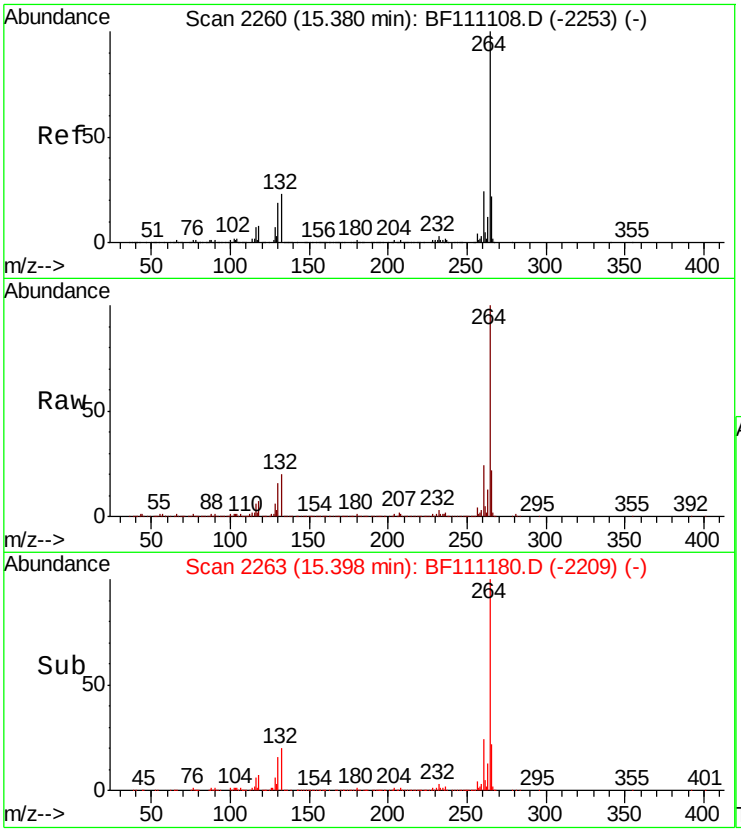


#79
Terphenyl-d14
Concen: 63.126 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Tgt Ion:244 Resp: 3504874

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	15.0	14.2	21.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.02 min
Lab File: BF111180.D
Acq: 7 Dec 2018 12:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 806926

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.0	17.4	26.0