Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112178.D
Acq On : 22 Jan 2019 1:16
Operator : JU/SJ
Sample : K1190-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 011719-DBRI-E-U-M

Quant Time: Jan 22 02:41:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	233962	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	782572	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	309487	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	558600	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	520849	20.00	ng	-0.01
87) Perylene-d12	15.49	264	373578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	524630	40.70	ng	-0.01
7) Phenol-d6	6.49	99	388831	24.11	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1198423	105.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	282930	84.74	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2095978	99.29	ng	0.00
79) Terphenyl-d14	12.96	244	1978844	80.82	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	161969	16.485	ng	# 75
25) Isophorone	7.42	82	1187832	54.292	ng	# 64
32) Benzoic acid	8.13	122	130	7.198	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	41240	9.149	ng	# 34
57) 2,4-Dinitrotoluene	9.89	165	41240	11.029	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.67	198	515	10.244	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	16107	2.482	ng	# 1

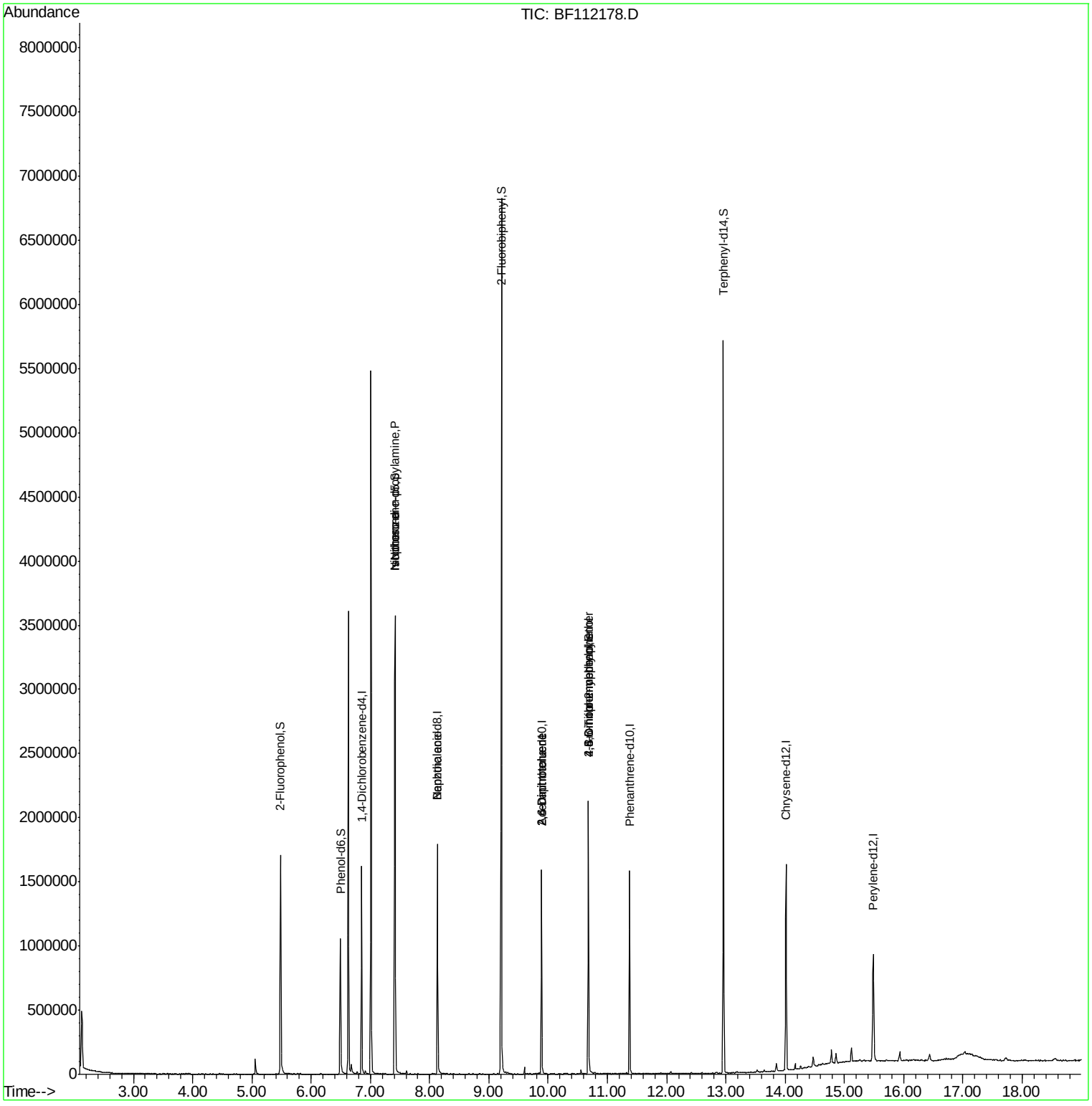
(#) = qualifier out of range (m) = manual integration (+) = signals summed

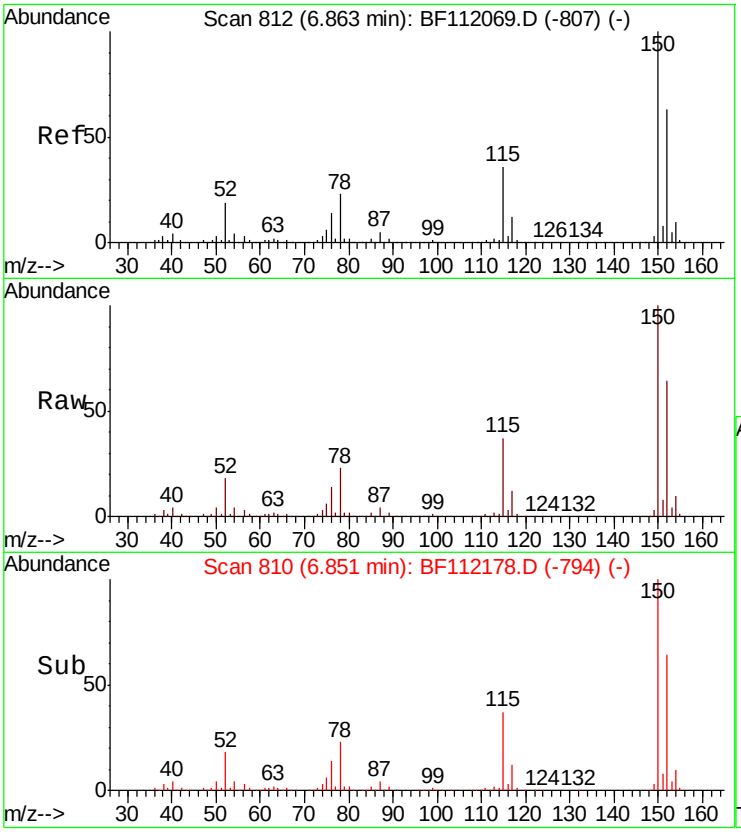
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012119\
Data File : BF112178.D
Acq On : 22 Jan 2019 1:16
Operator : JU/SJ
Sample : K1190-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Quant Time: Jan 22 02:41:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 19 01:02:12 2019
Response via : Initial Calibration



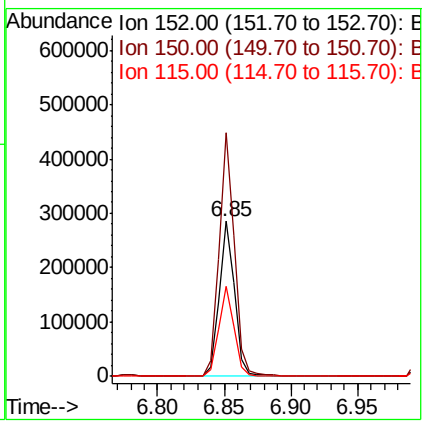


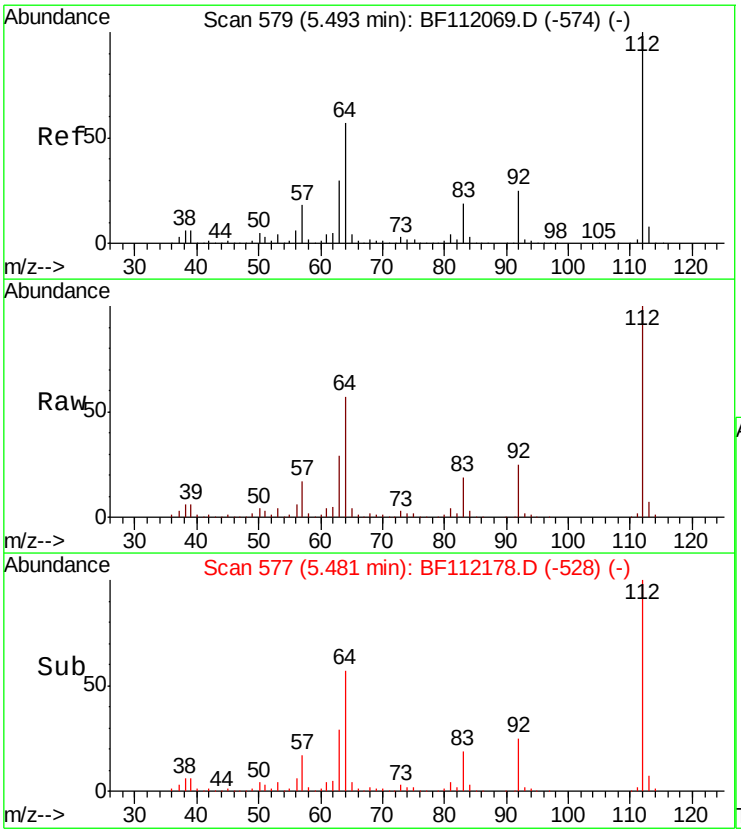
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:152 Resp: 233962

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.4	191.0
115	57.8	45.5	68.3

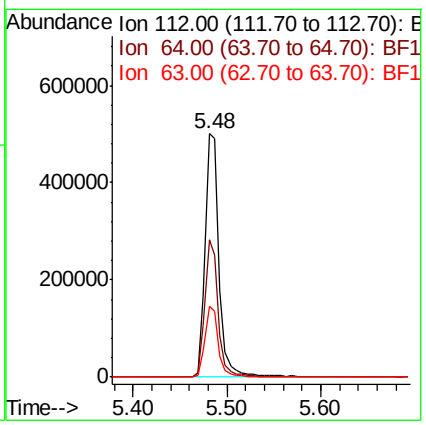


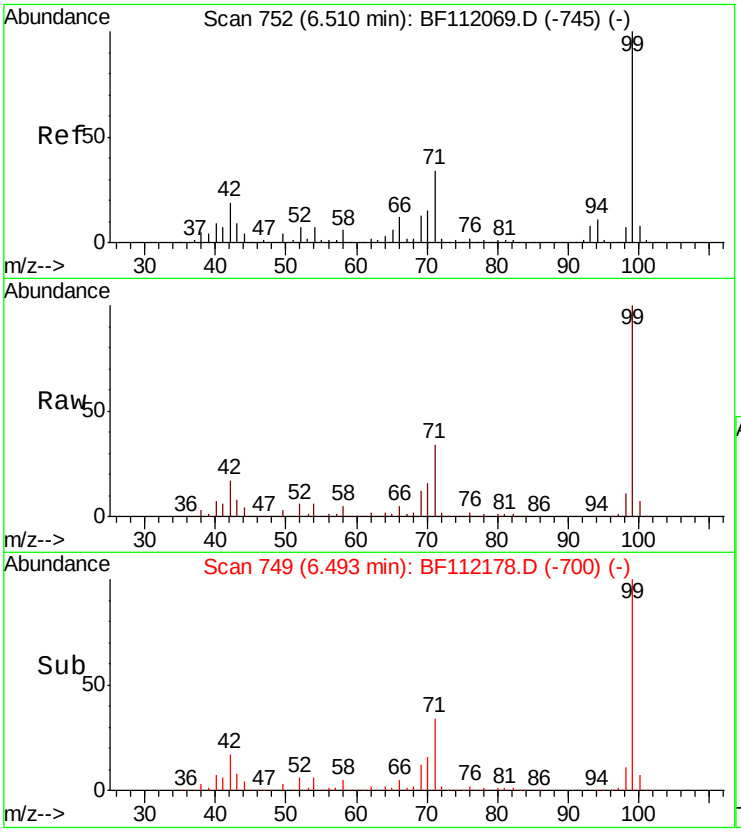


#5
2-Fluorophenol
Concen: 40.700 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:112 Resp: 524630

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.7	68.5
63	29.1	23.6	35.4



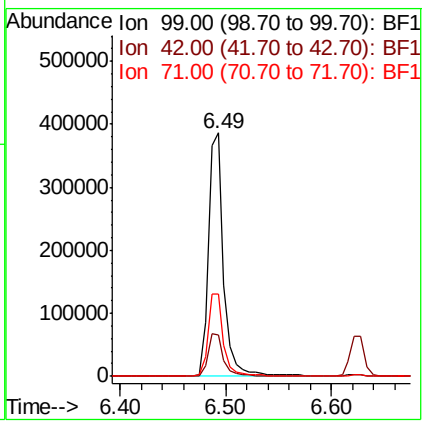


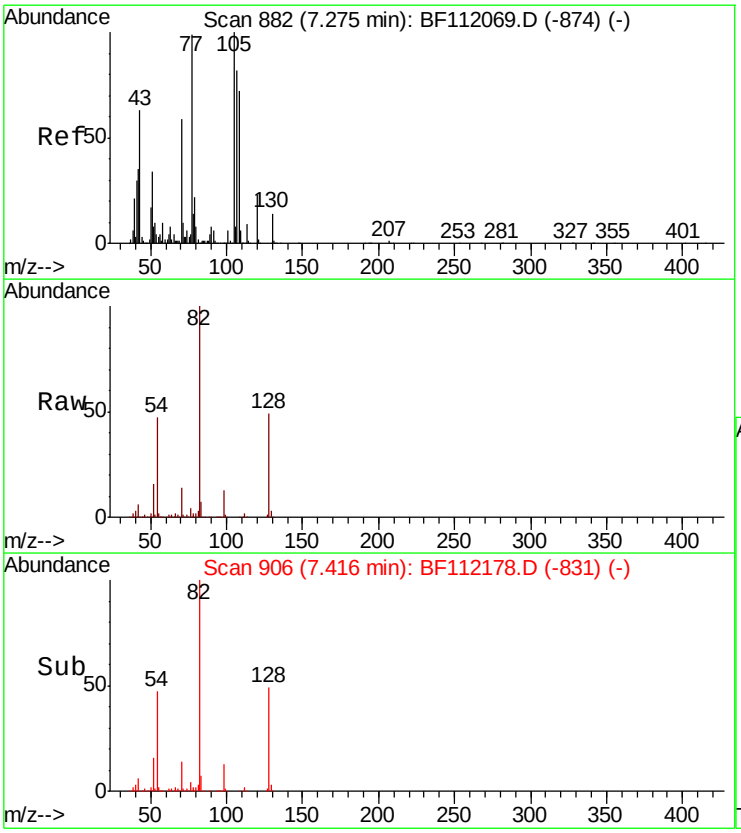
#7
Phenol-d6
Concen: 24.110 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion: 99 Resp: 388831

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.1	22.7
71	33.8	26.9	40.3

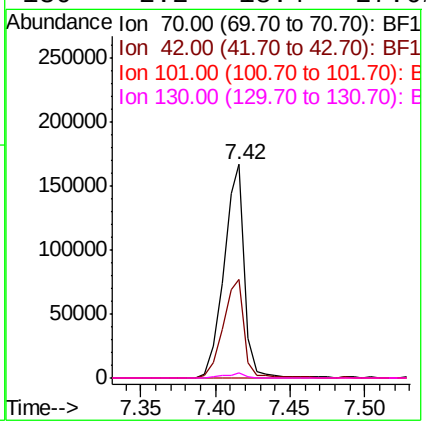


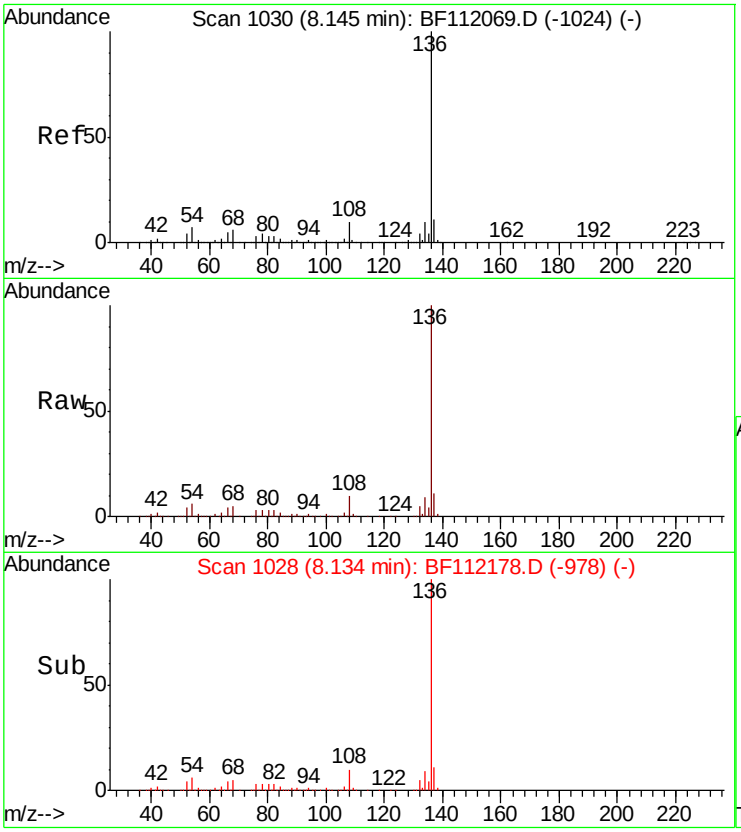


#19
n-Nitroso-di-n-propylamine
Concen: 16.485 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion: 70 Resp: 161969

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.6	71.4#
101	0.0	7.9	11.9#
130	2.2	18.4	27.6#



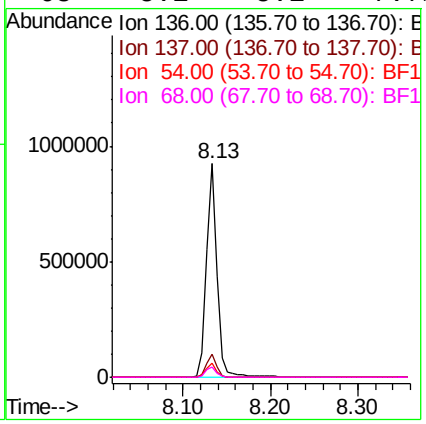


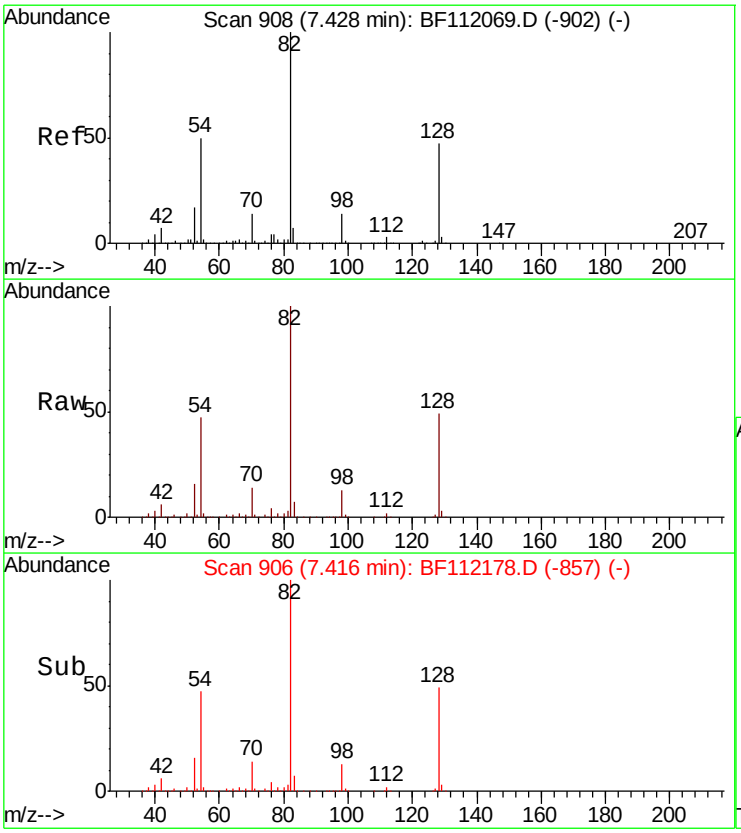
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:136 Resp: 782572

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	5.9	8.9
68	5.1	5.1	7.7#

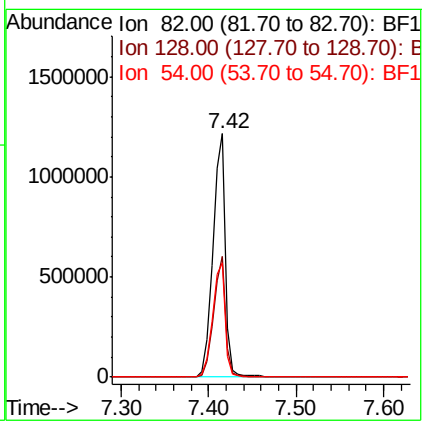


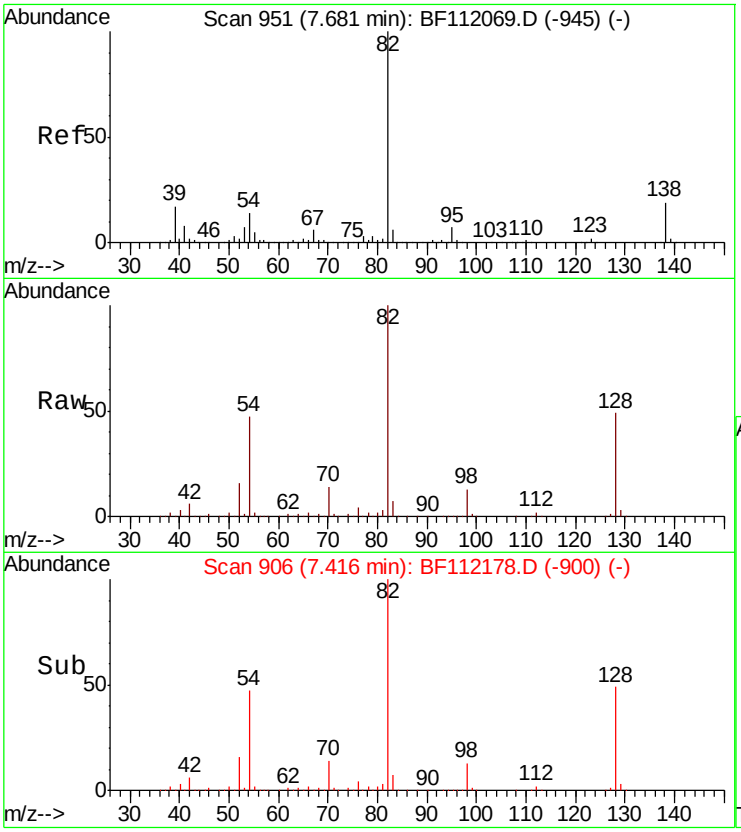


#23
Nitrobenzene-d5
Concen: 105.802 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion: 82 Resp: 1198423

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.8	56.8
54	46.8	39.7	59.5



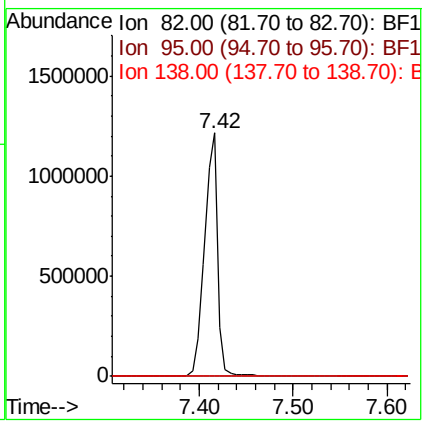


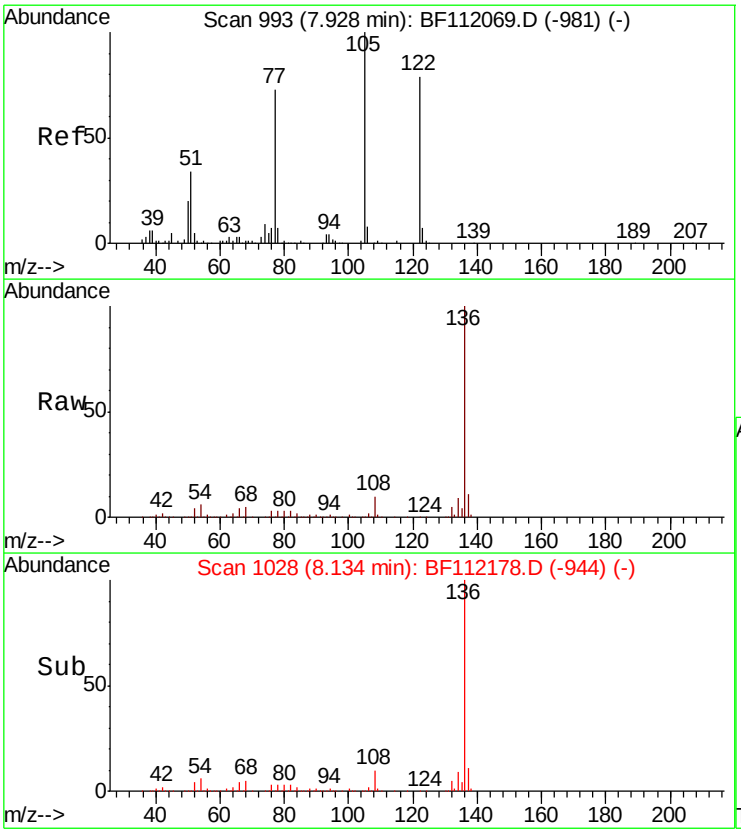
#25
Isophorone
Concen: 54.292 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion: 82 Resp: 1187832

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

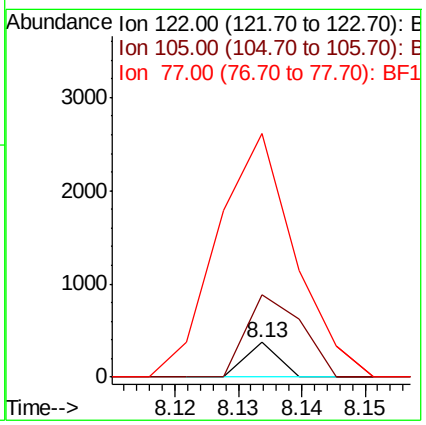


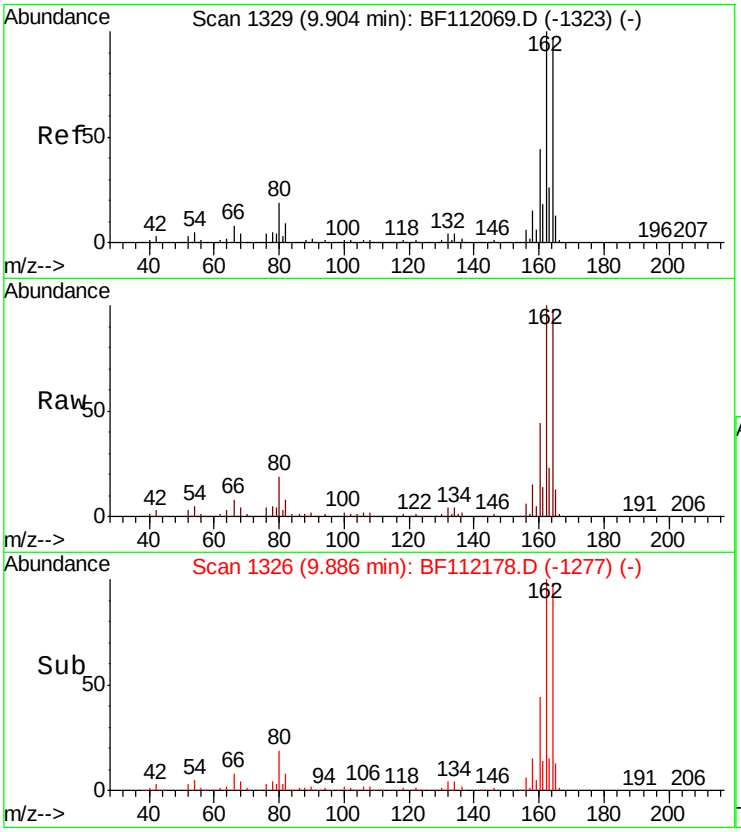


#32
Benzoic acid
Concen: 7.198 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.19 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:122 Resp: 130

Ion	Ratio	Lower	Upper
122	100		
105	241.2	101.2	141.2#
77	707.9	70.4	110.4#



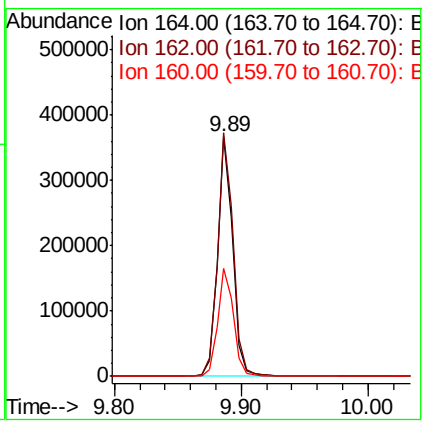


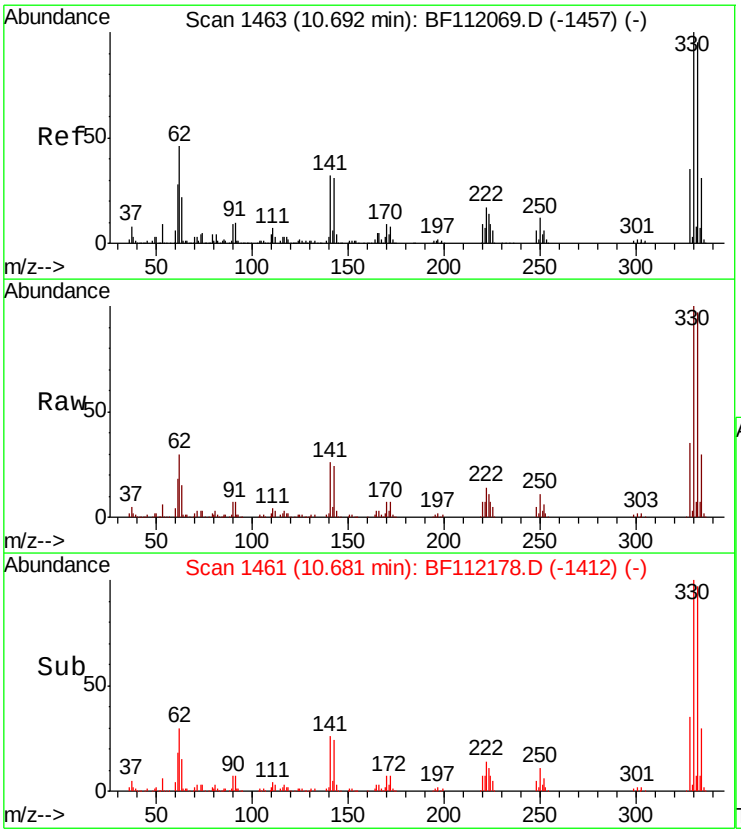
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:164 Resp: 309487

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.4
160	44.9	36.2	54.4

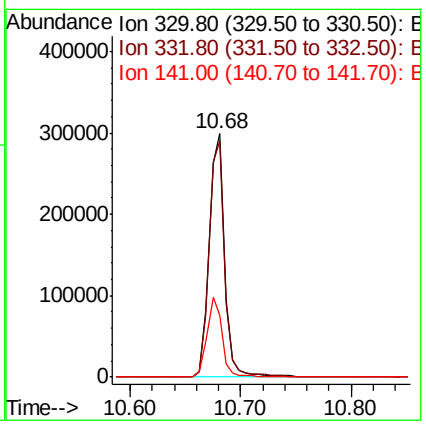


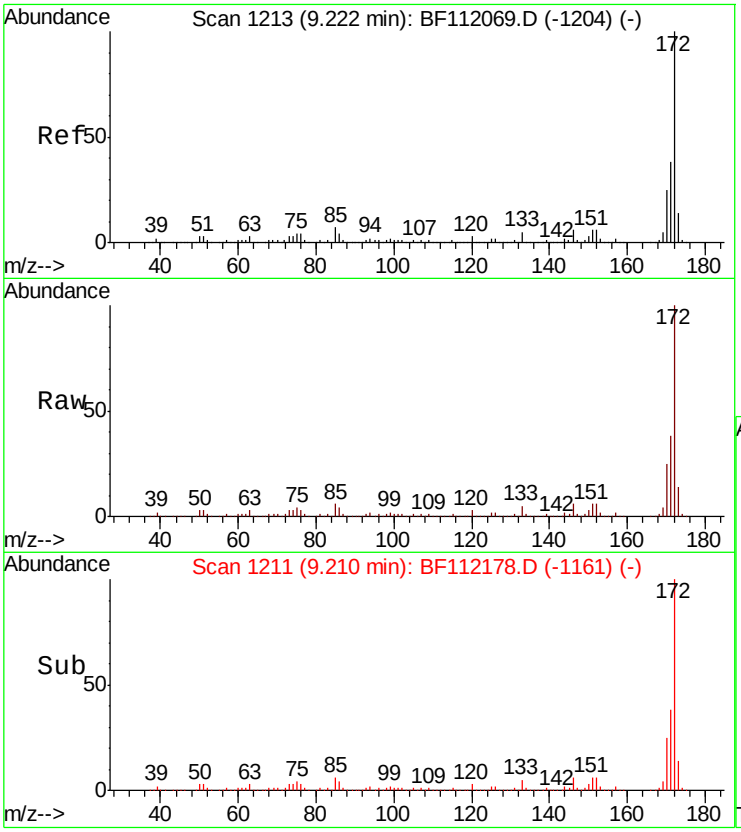


#42
2,4,6-Tribromophenol
Concen: 84.743 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:330 Resp: 282930

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	31.9	24.3	36.5



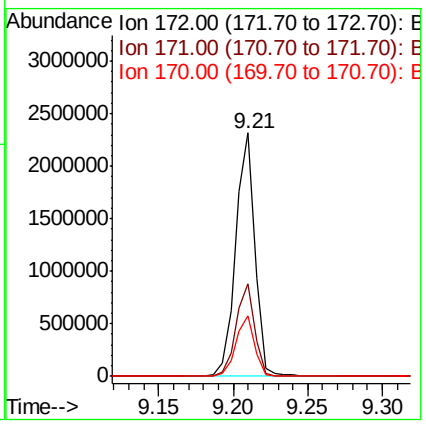


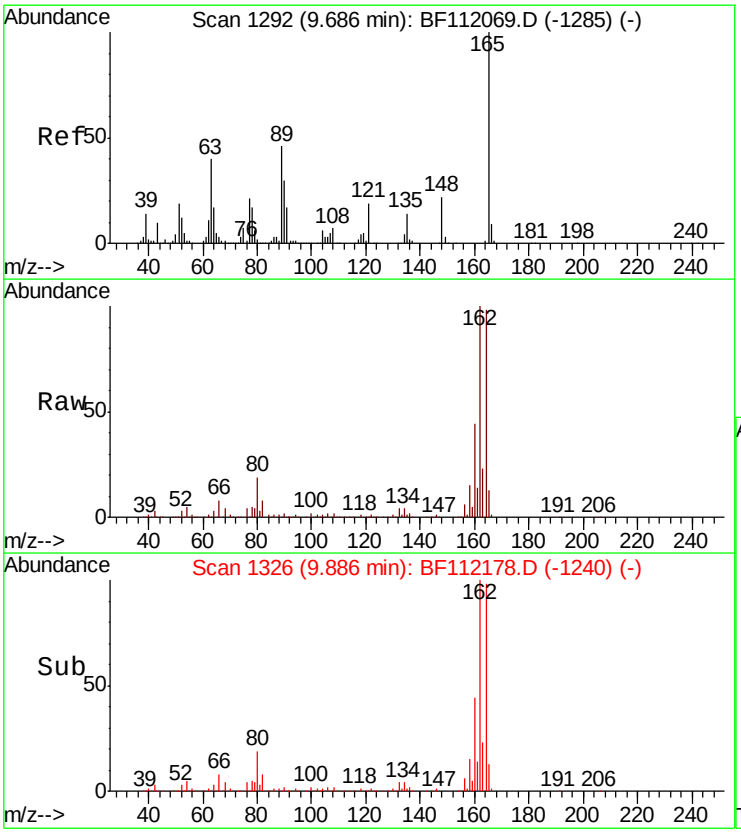
#45
2-Fluorobiphenyl
Concen: 99.291 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:172 Resp: 2095978

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	24.6	20.2	30.4

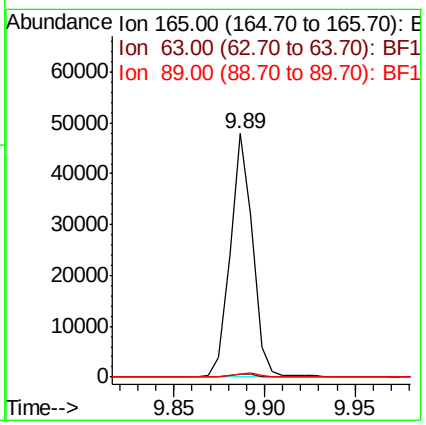


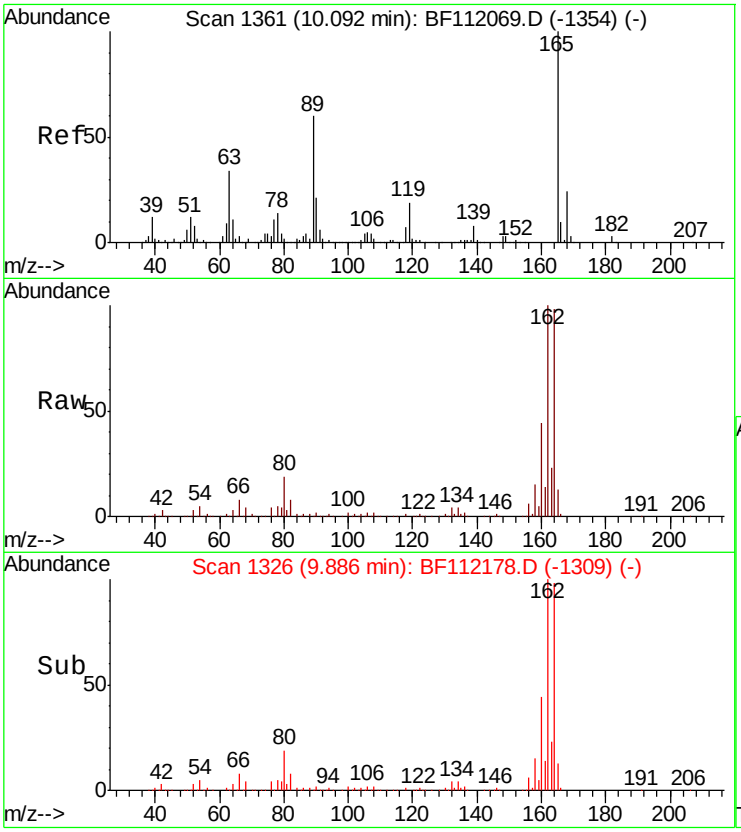


#51
2,6-Dinitrotoluene
Concen: 9.149 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:165 Resp: 41240

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	1.3	36.9	55.3#



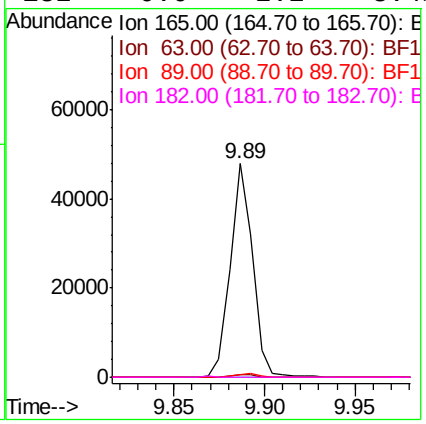


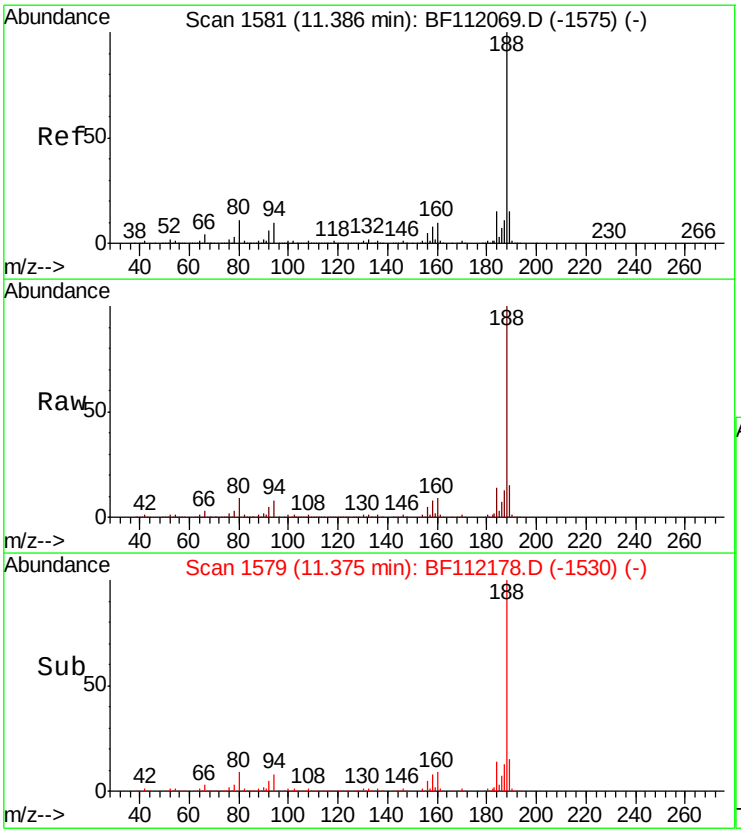
#57
2,4-Dinitrotoluene
Concen: 11.029 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:165 Resp: 41240

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#

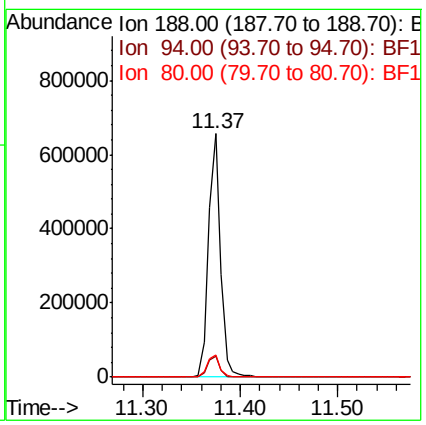


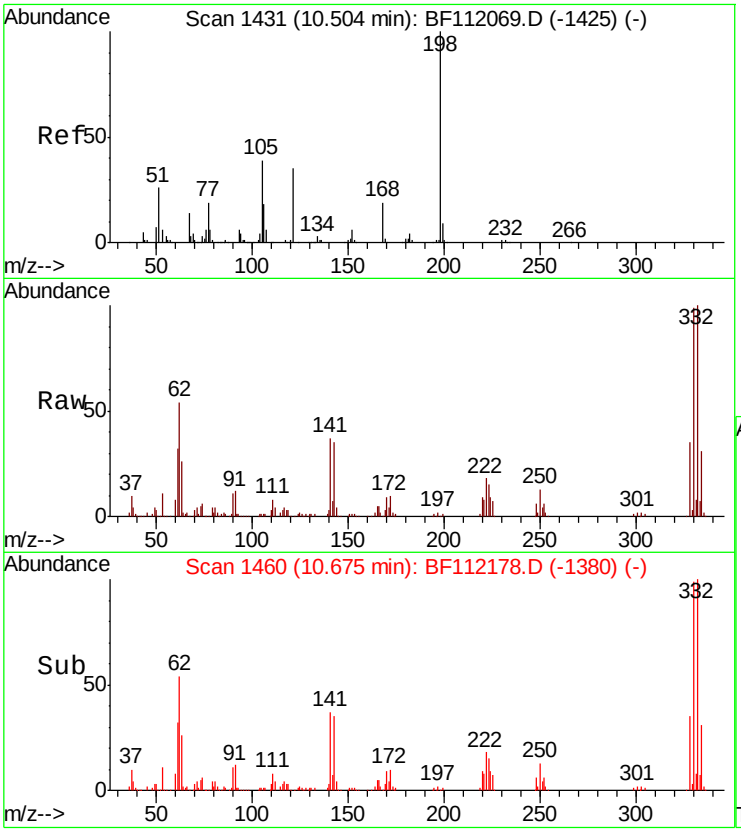


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:188 Resp: 558600

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.9	8.9	13.3



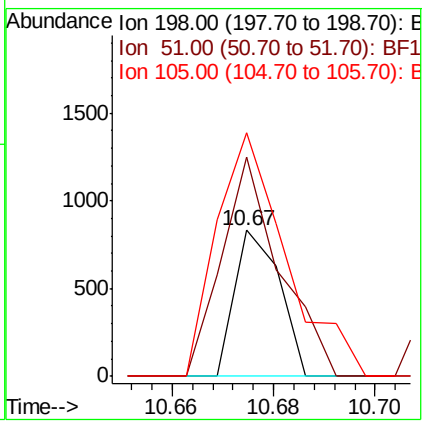


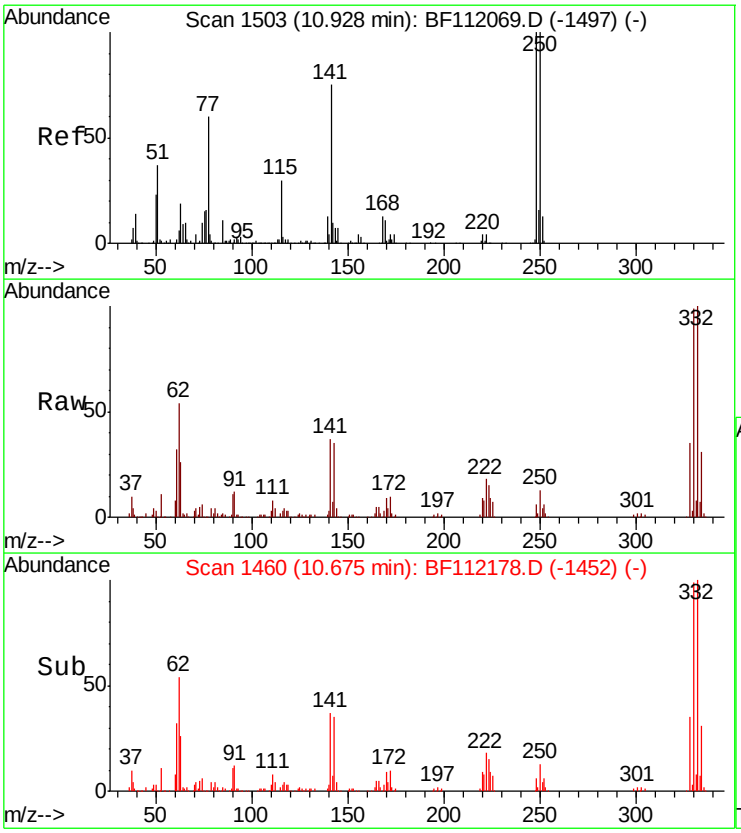
#65
4,6-Dinitro-2-methylphenol
Concen: 10.244 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.17 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:198 Resp: 515

Ion	Ratio	Lower	Upper
198	100		
51	150.2	17.2	57.2#
105	167.0	21.9	61.9#

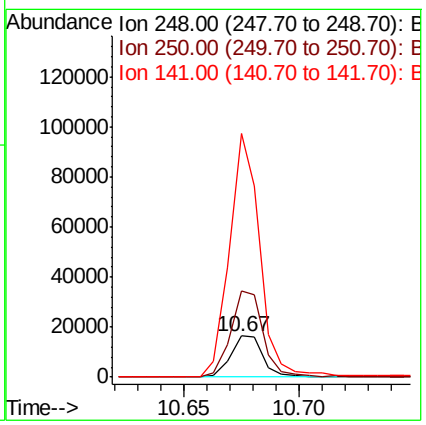


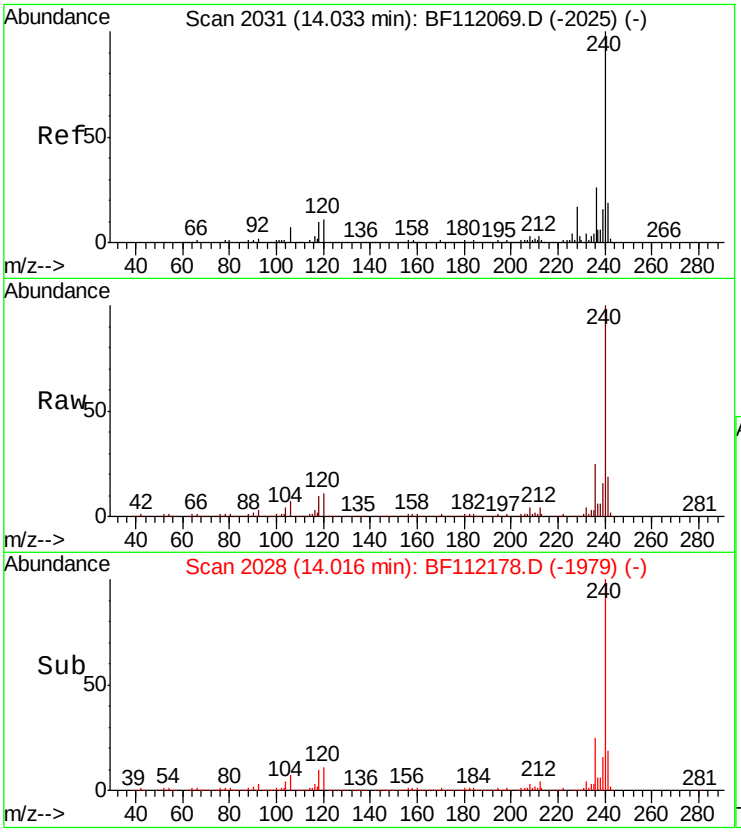


#67
4-Bromophenyl-phenylether
Concen: 2.482 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.25 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:248 Resp: 16107

Ion	Ratio	Lower	Upper
248	100		
250	210.9	79.7	119.5#
141	597.5	60.3	90.5#



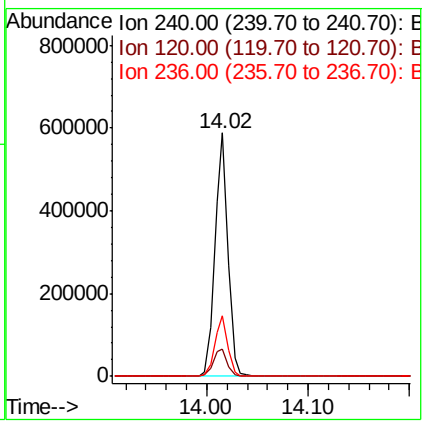


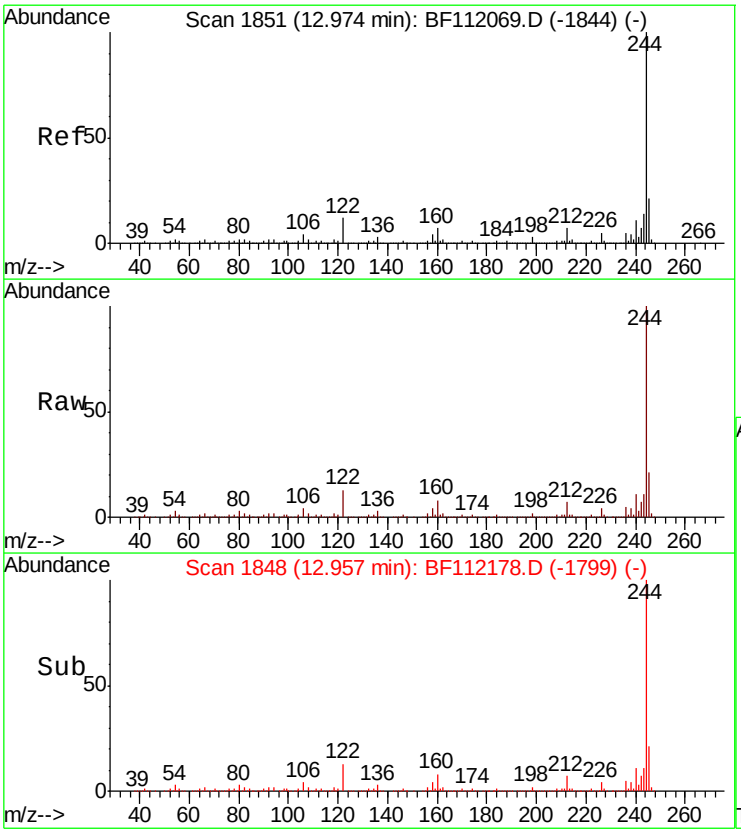
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:240 Resp: 520849

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.6
236	25.1	20.7	31.1

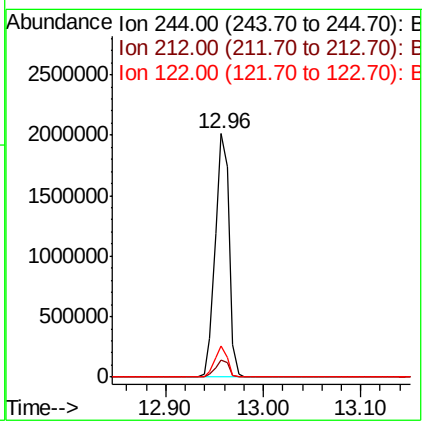


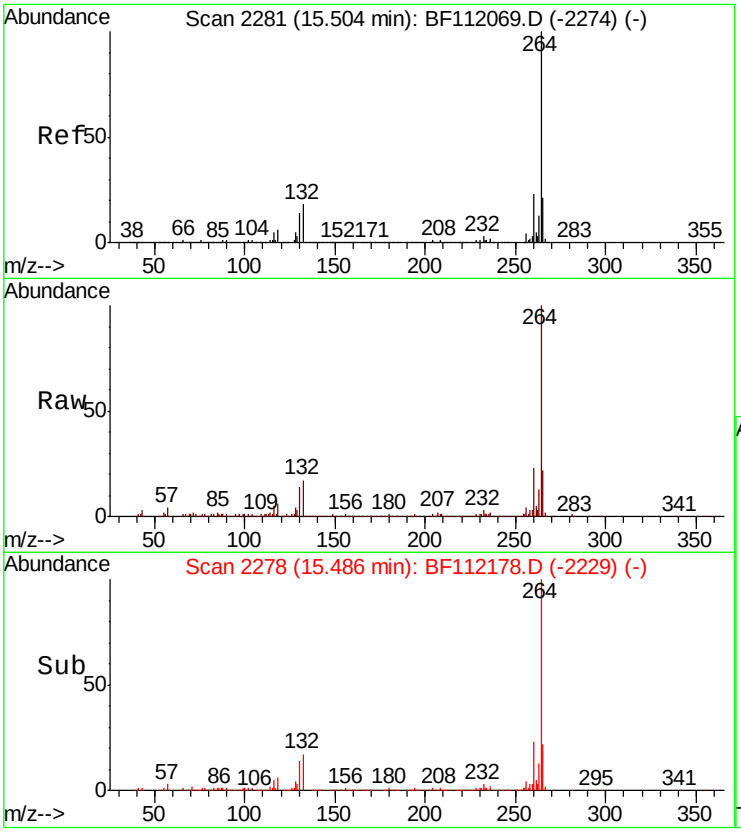


#79
Terphenyl-d14
Concen: 80.825 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Tgt Ion:244 Resp: 1978844

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	13.0	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF112178.D
Acq: 22 Jan 2019 1:16

Instrument :
BNA_F
ClientSampleId :
011719-DBRI-E-U-M

Tgt Ion:264 Resp: 373578

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.5	17.0	25.4