Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112112.D
Acq On : 18 Jan 2019 2:30
Operator : JU/SJ
Sample : PB116445BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116445BL

Quant Time: Jan 18 03:18:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	303756	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1106058	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	507398	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	819012	20.00	ng	0.00
76) Chrysene-d12	14.02	240	652062	20.00	ng	-0.01
87) Perylene-d12	15.50	264	507424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1224936	73.19	ng	0.00
7) Phenol-d6	6.50	99	1510694	72.15	ng	0.00
23) Nitrobenzene-d5	7.42	82	1336477	83.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	339206	61.97	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2594173	74.96	ng	0.00
79) Terphenyl-d14	12.97	244	1986626	64.81	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2432	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	179906	14.104	ng	# 76
25) Isophorone	7.42	82	1327623	42.934	ng	# 64
32) Benzoic acid	8.15	122	107	7.185	ng	# 1
51) 2,6-Dinitrotoluene	9.90	165	64457	8.722	ng	# 34
57) 2,4-Dinitrotoluene	9.90	165	64457	10.728	ng	# 31
65) 4,6-Dinitro-2-methylphenol	10.69	198	712	10.234	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	19839	2.085	ng	# 1

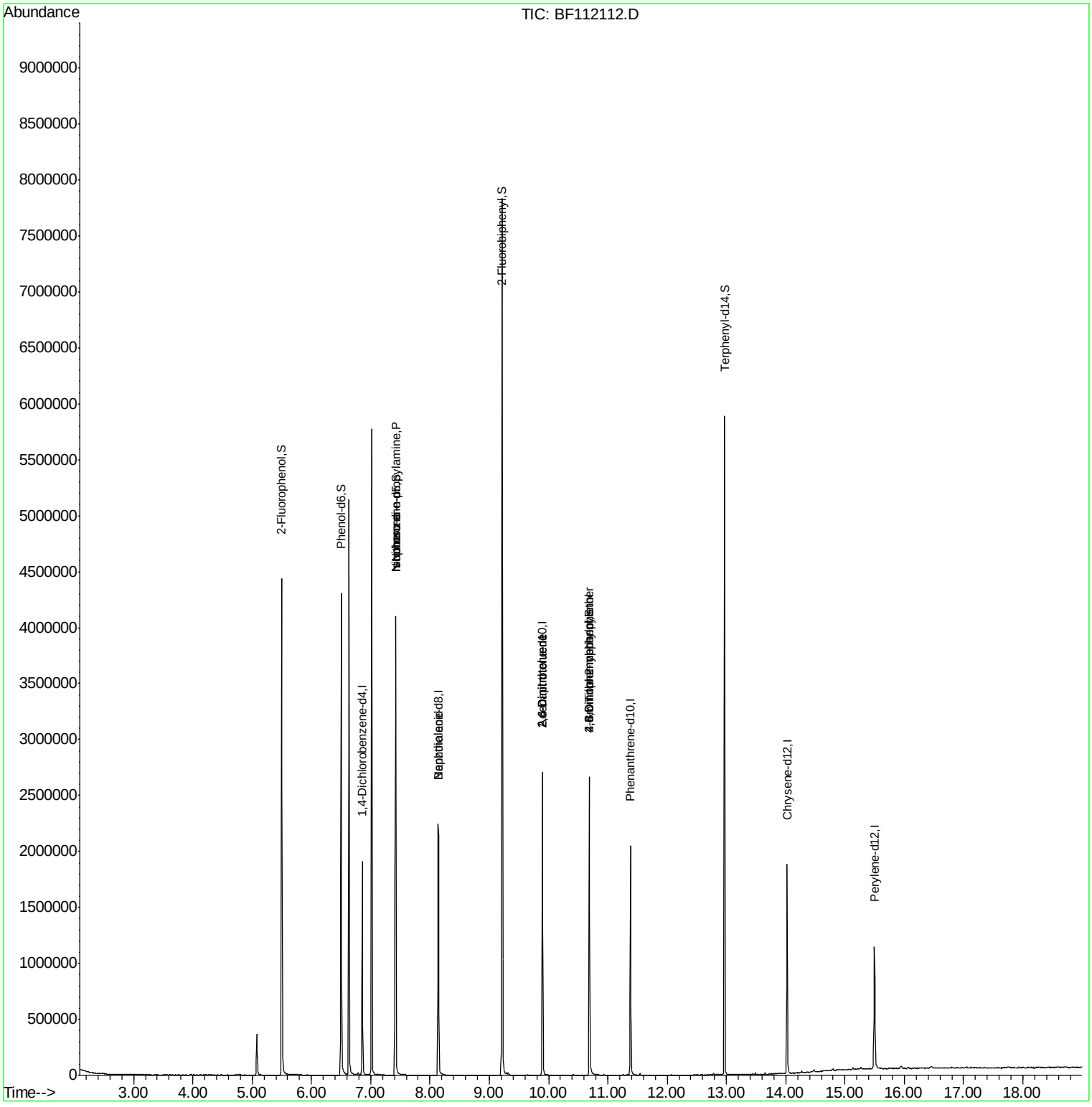
(#) = qualifier out of range (m) = manual integration (+) = signals summed

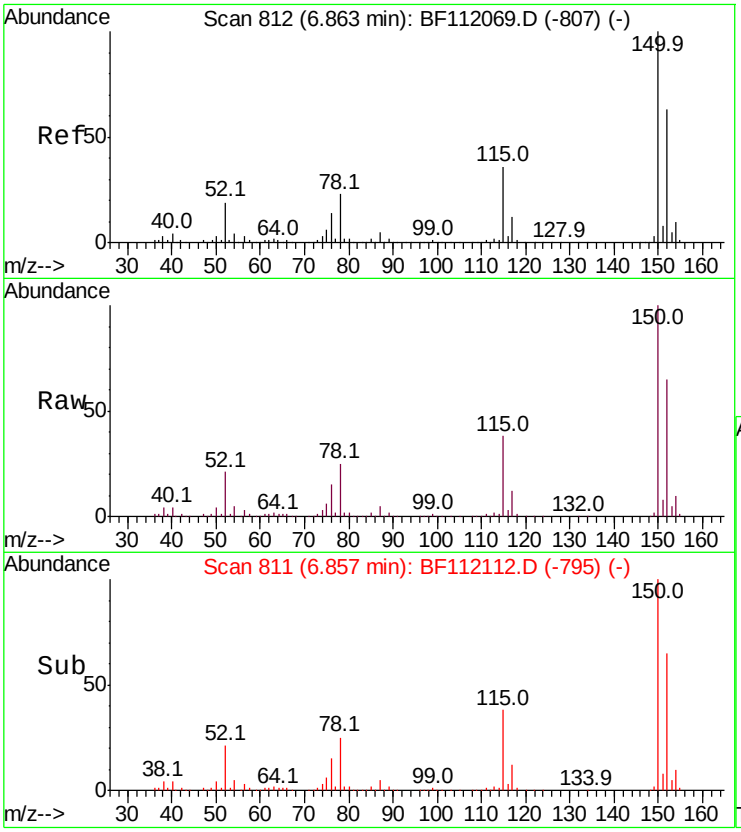
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112112.D
Acq On : 18 Jan 2019 2:30
Operator : JU/SJ
Sample : PB116445BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Quant Time: Jan 18 03:18:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 18:22:05 2019
Response via : Initial Calibration



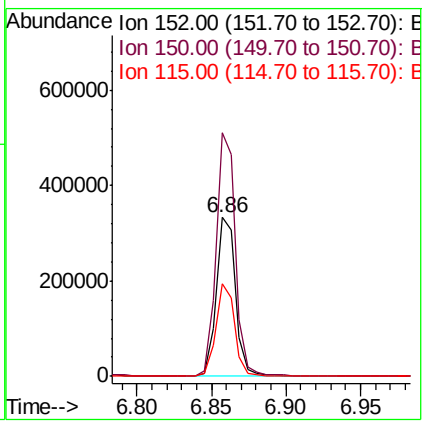


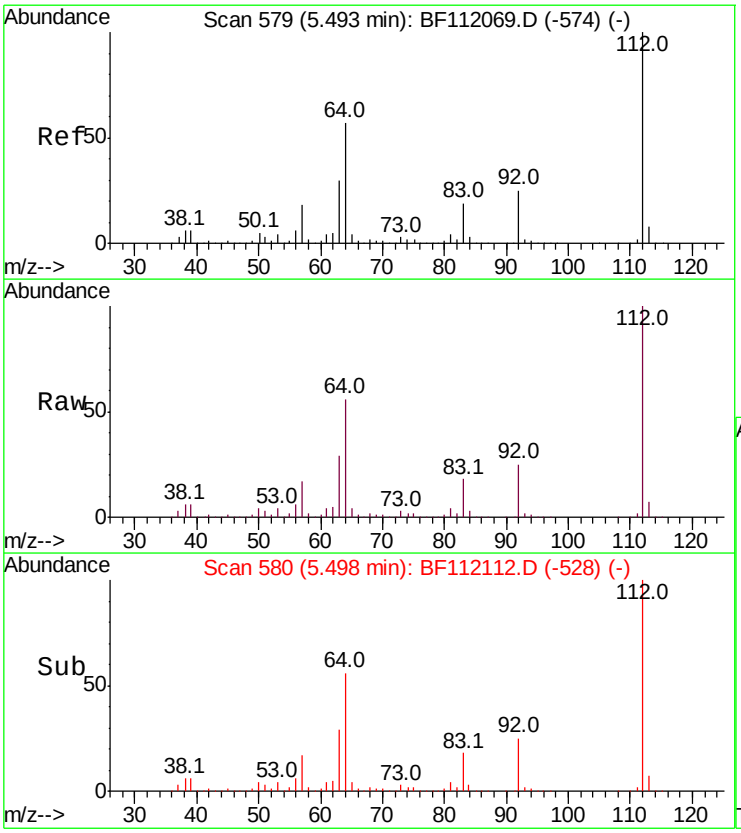
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:152 Resp: 303756

Ion	Ratio	Lower	Upper
152	100		
150	153.2	127.4	191.0
115	57.9	45.5	68.3

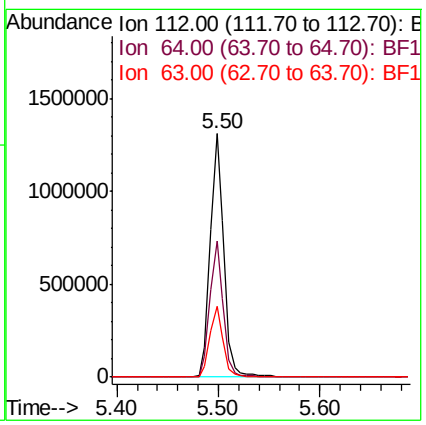


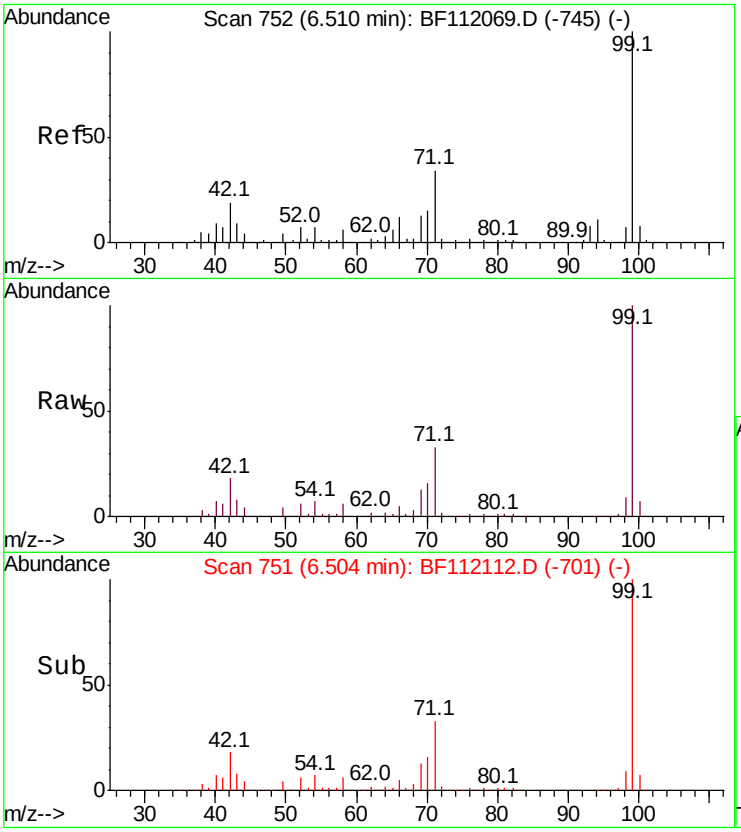


#5
2-Fluorophenol
Concen: 73.194 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:112 Resp: 1224936

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	29.2	23.6	35.4



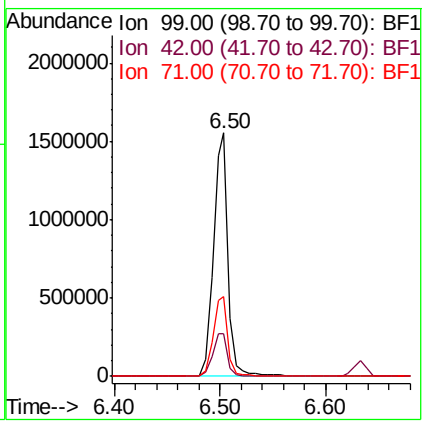


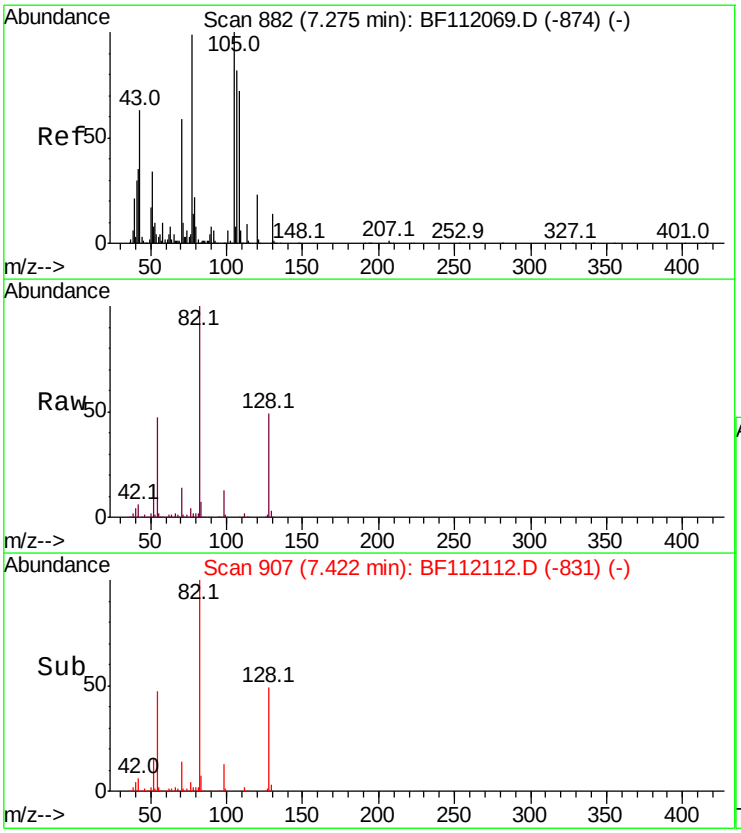
#7
Phenol-d6
Concen: 72.148 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion: 99 Resp: 1510694

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.1	22.7
71	32.8	26.9	40.3

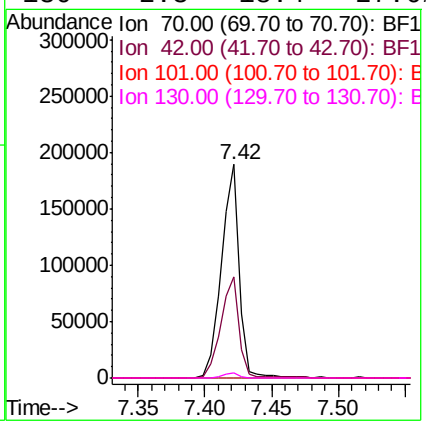


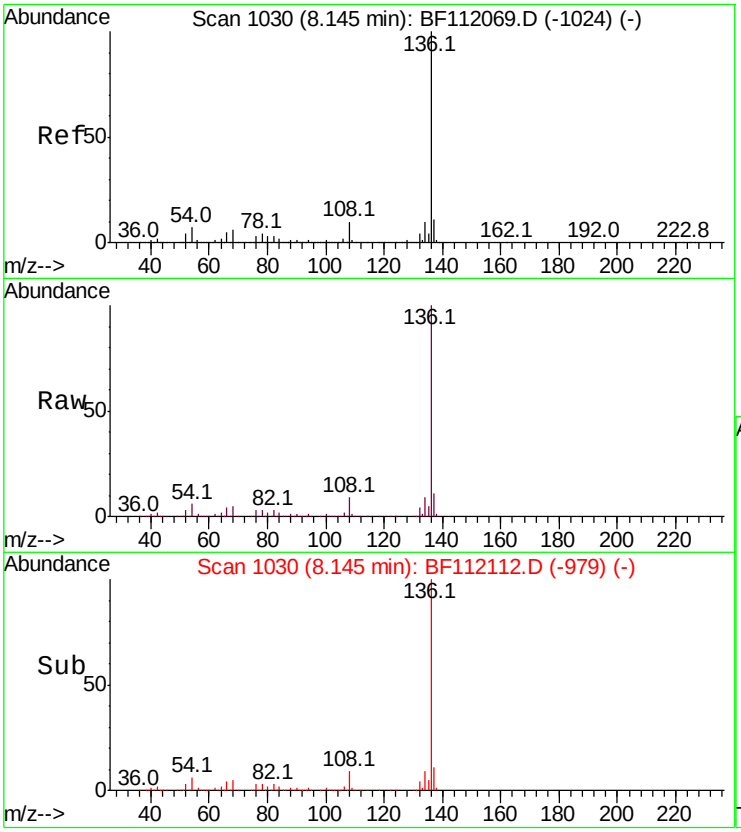


#19
n-Nitroso-di-n-propylamine
Concen: 14.104 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion: 70 Resp: 179906

Ion	Ratio	Lower	Upper
70	100		
42	47.3	47.6	71.4#
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



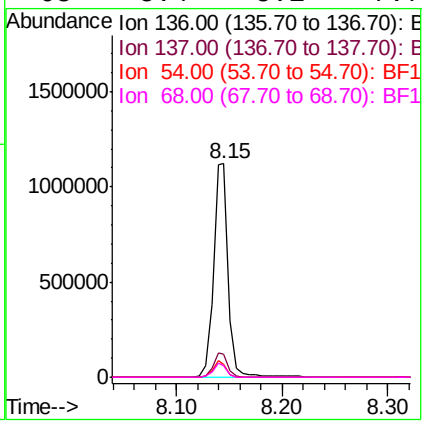


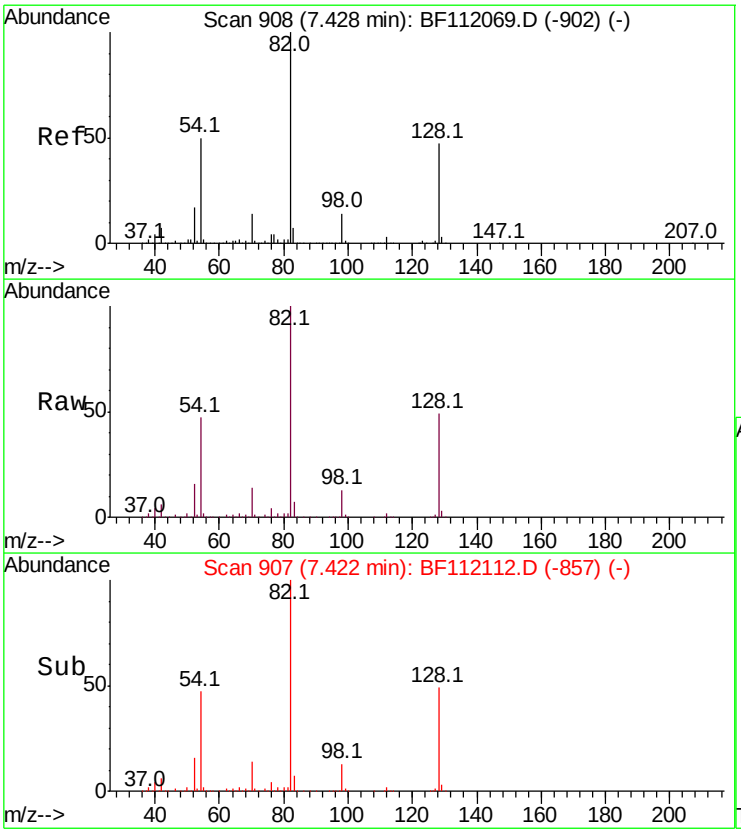
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:136 Resp: 1106058

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	5.9	8.9
68	5.4	5.1	7.7

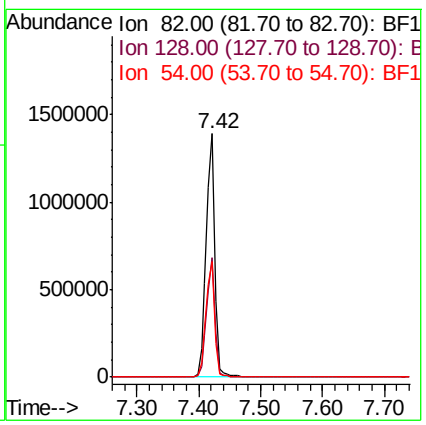


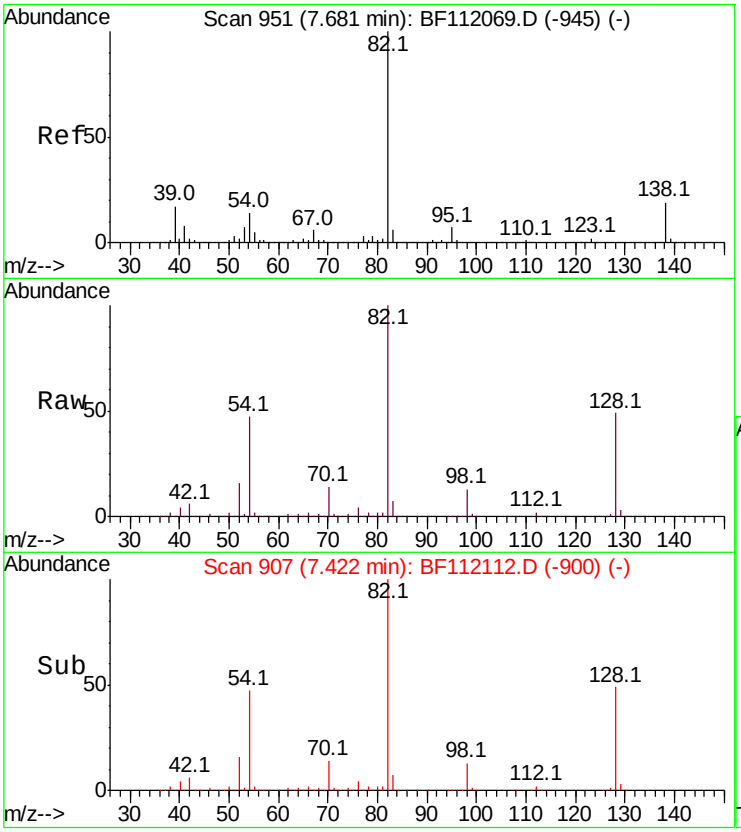


#23
Nitrobenzene-d5
Concen: 83.482 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion: 82 Resp: 1336477

Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.8	56.8
54	47.5	39.7	59.5



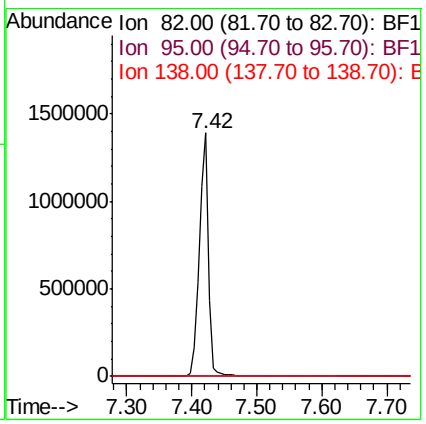


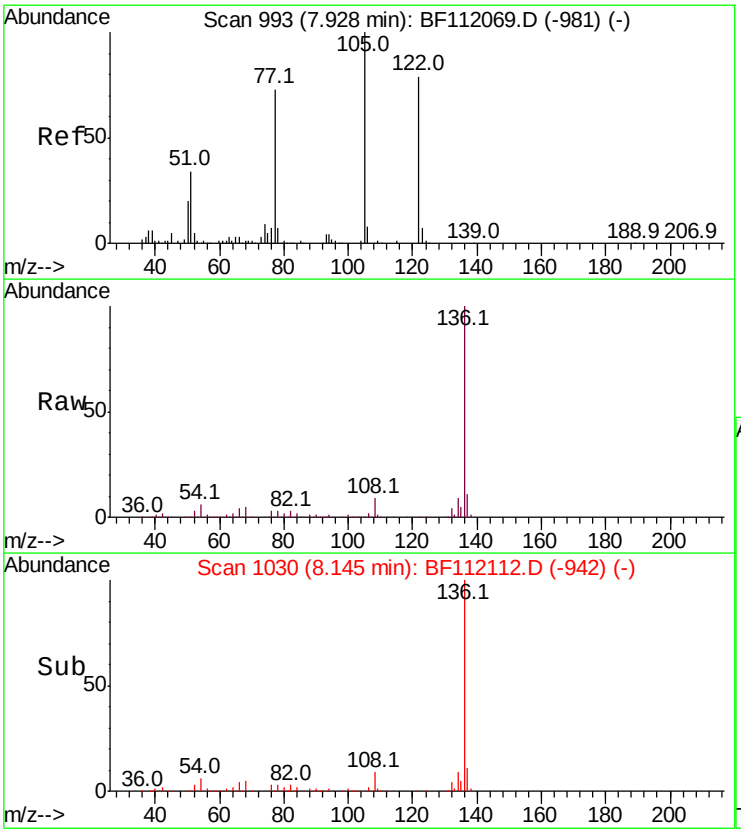
#25
Isophorone
Concen: 42.934 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion: 82 Resp: 1327623

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

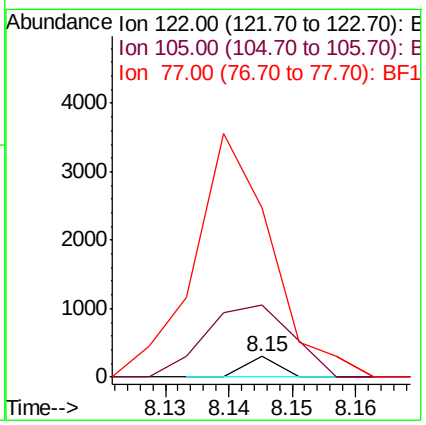


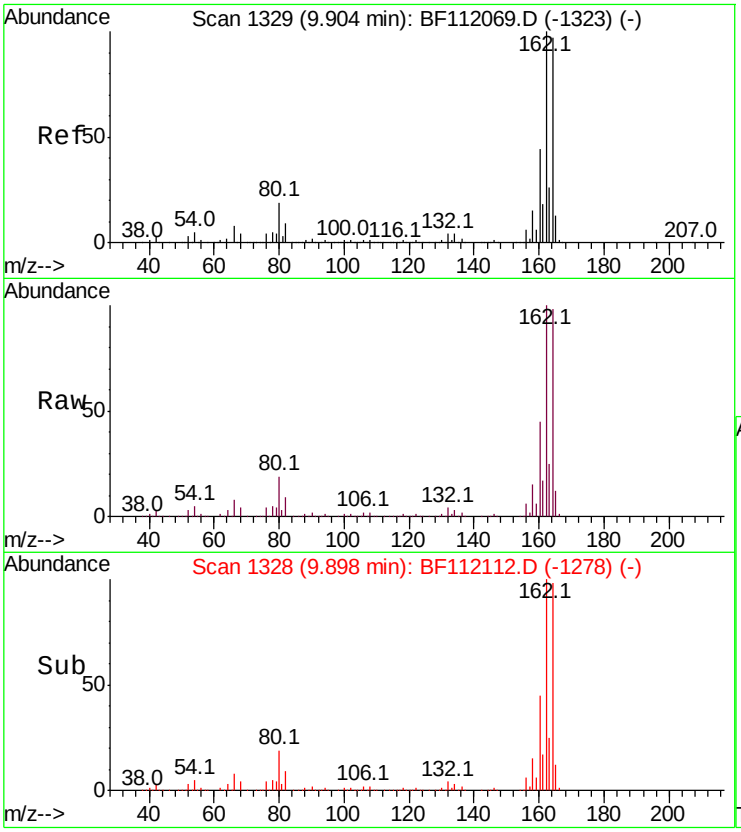


#32
Benzoic acid
Concen: 7.185 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.22 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:122 Resp: 107

Ion	Ratio	Lower	Upper
122	100		
105	346.2	101.2	141.2#
77	814.2	70.4	110.4#



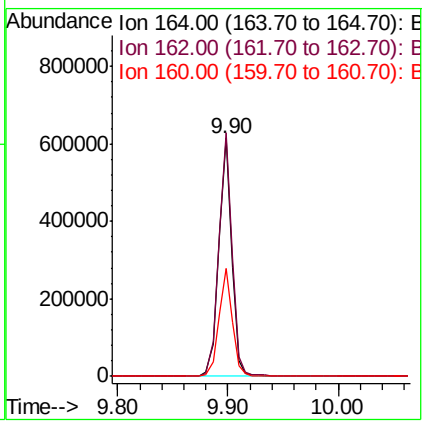


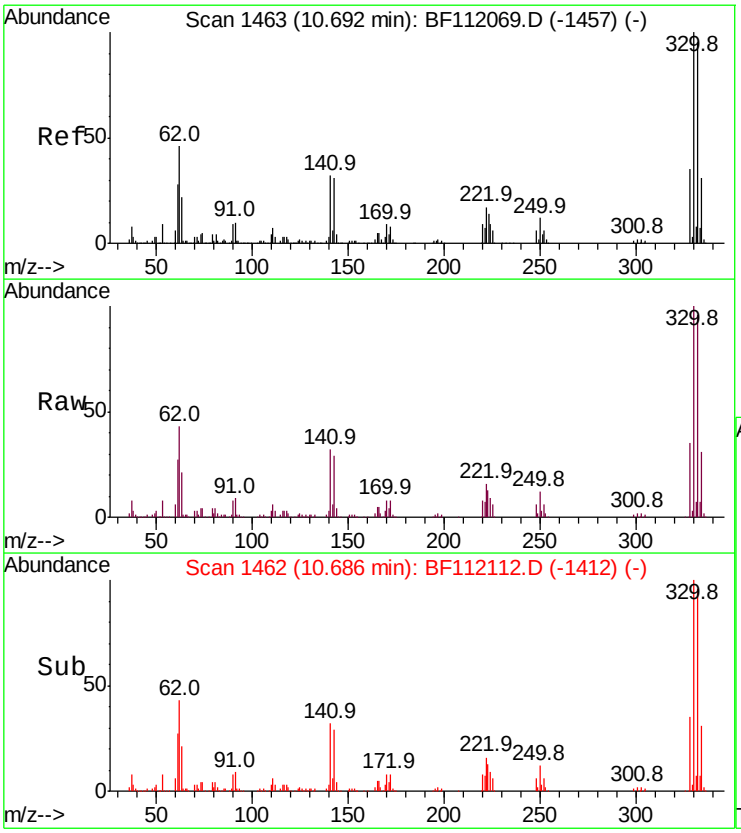
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:164 Resp: 507398

Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.2	123.4
160	45.6	36.2	54.4

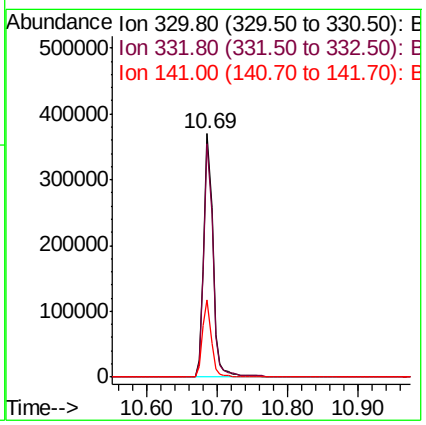


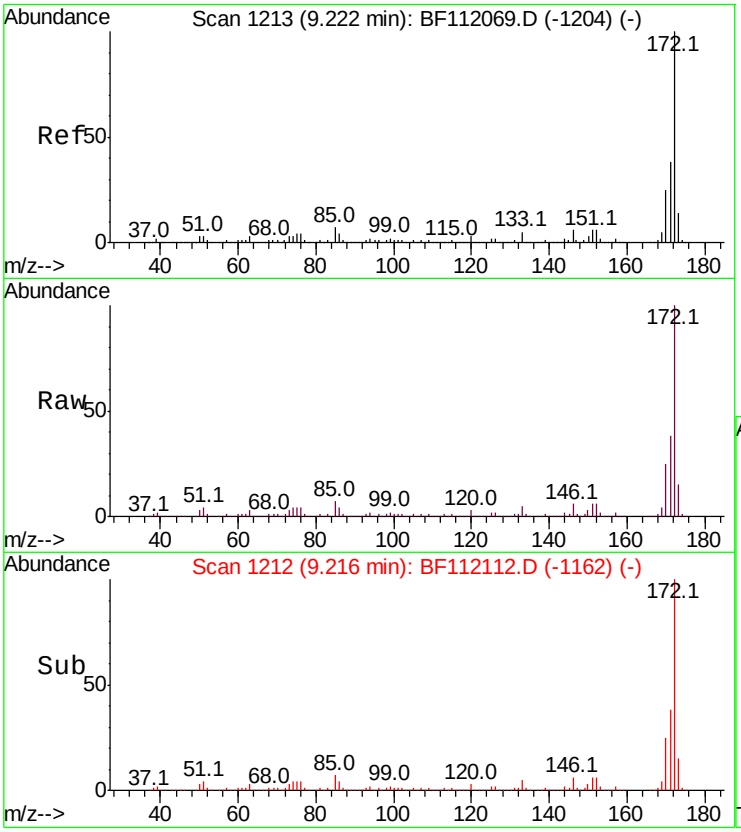


#42
2,4,6-Tribromophenol
Concen: 61.970 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:330 Resp: 339206

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	30.8	24.3	36.5



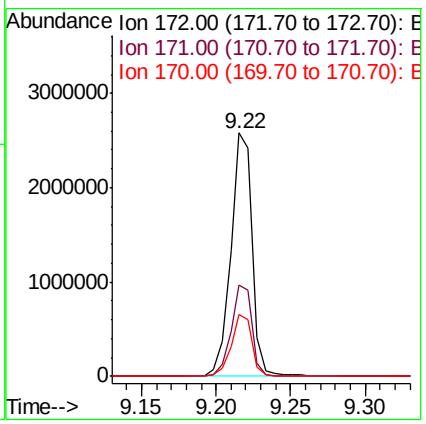


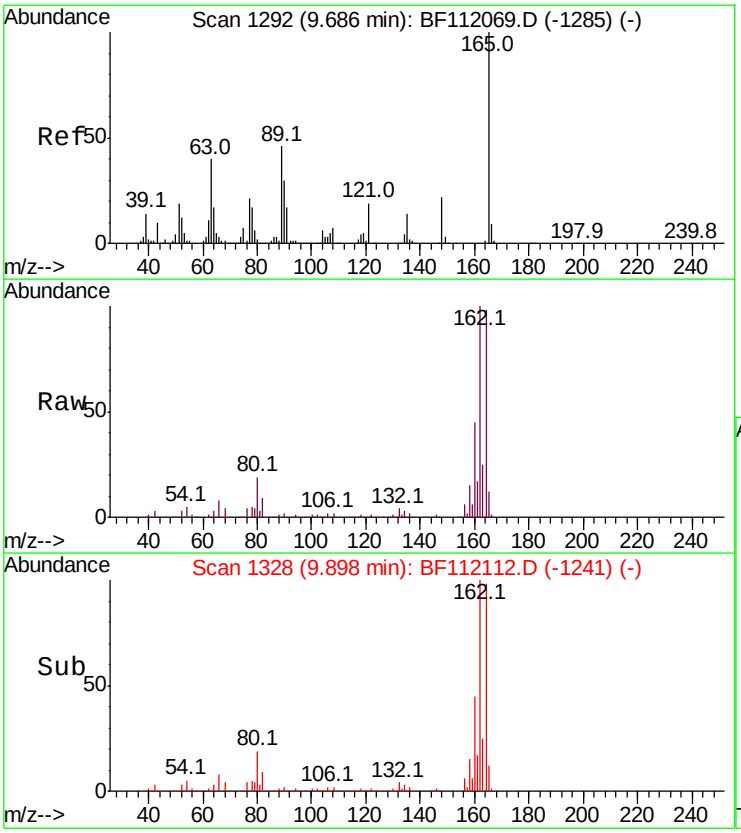
#45
2-Fluorobiphenyl
Concen: 74.958 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:172 Resp: 2594173

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	25.3	20.2	30.4

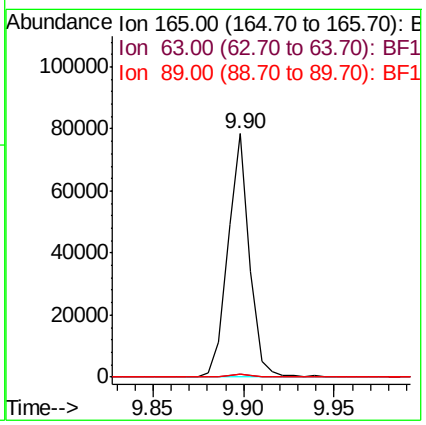


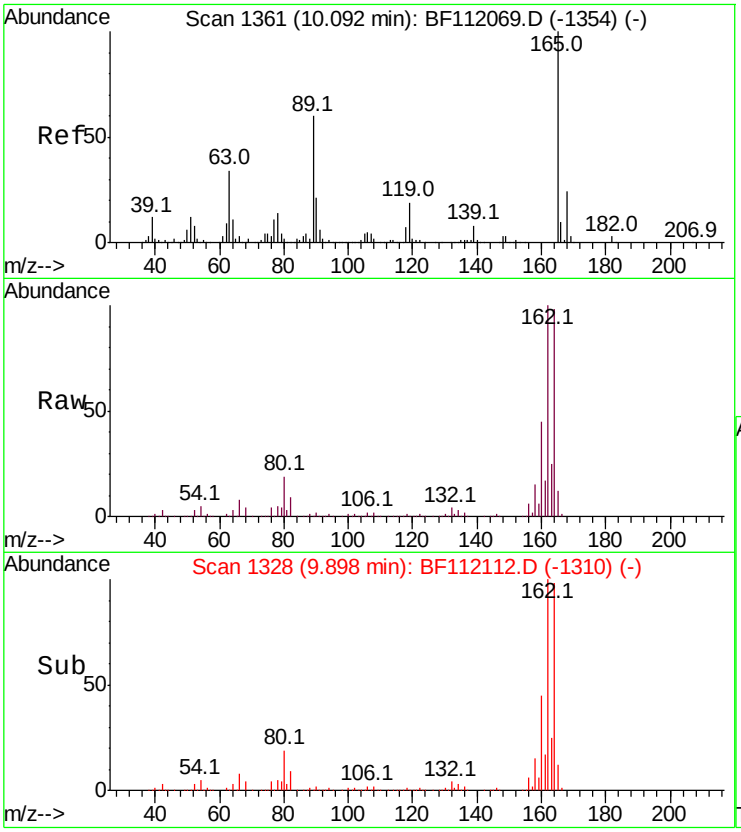


#51
2,6-Dinitrotoluene
Concen: 8.722 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:165 Resp: 64457

Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.4	36.9	55.3#



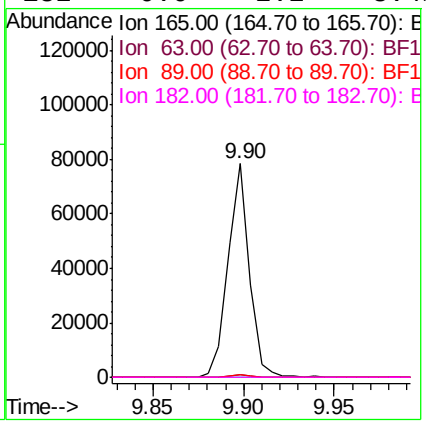


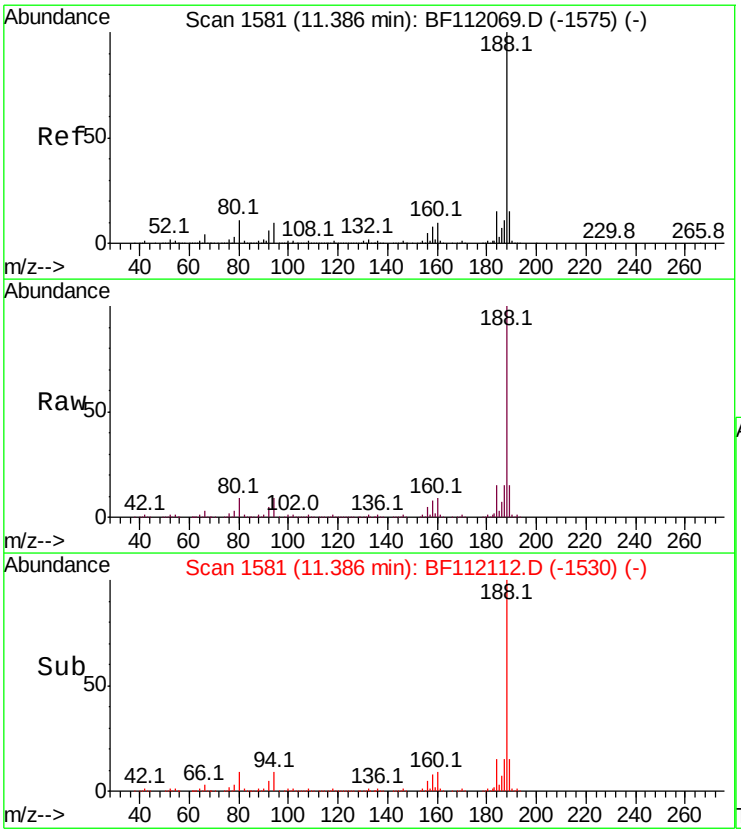
#57
2,4-Dinitrotoluene
Concen: 10.728 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.19 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:165 Resp: 64457

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.9	41.9#
89	1.4	47.9	71.9#
182	0.0	2.2	3.4#

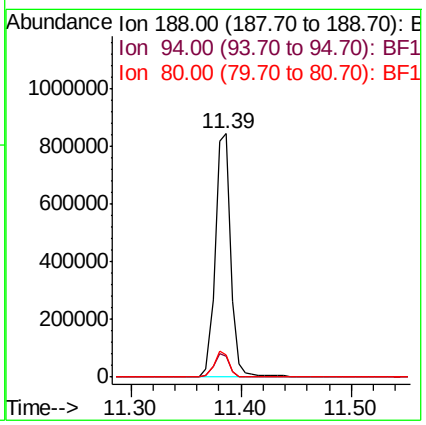


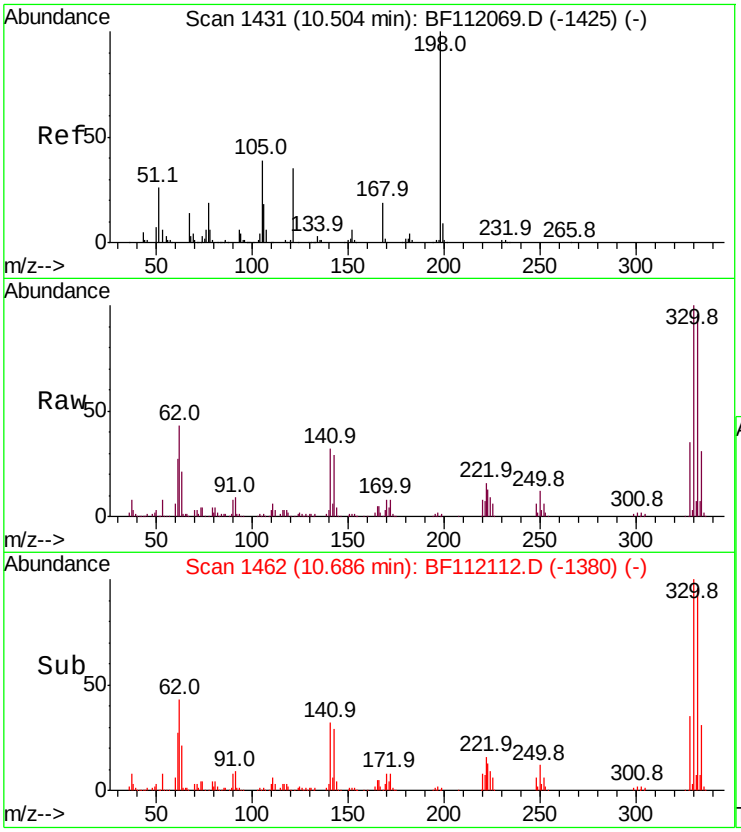


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:188 Resp: 819012

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.2	8.9	13.3



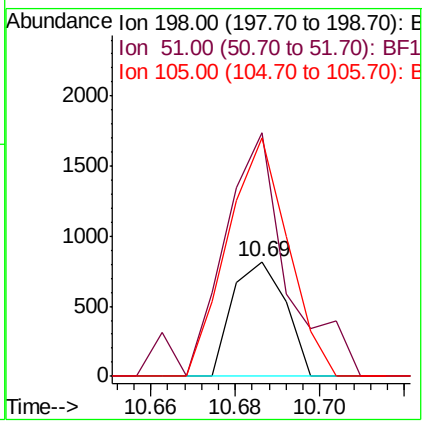


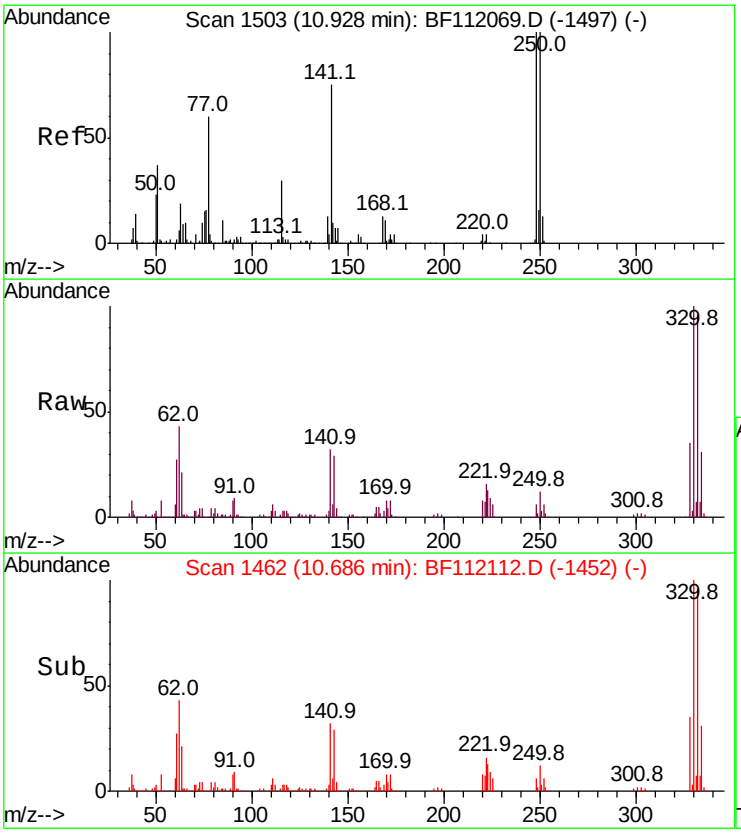
#65
4,6-Dinitro-2-methylphenol
Concen: 10.234 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:198 Resp: 712

Ion	Ratio	Lower	Upper
198	100		
51	211.8	17.2	57.2#
105	207.8	21.9	61.9#

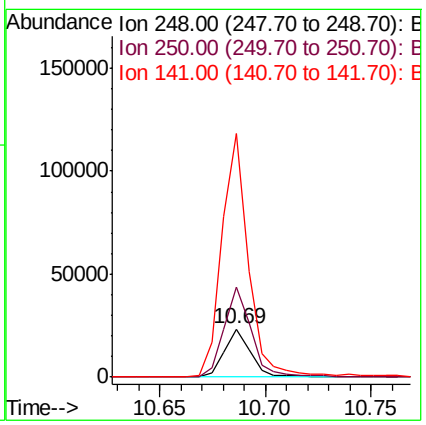


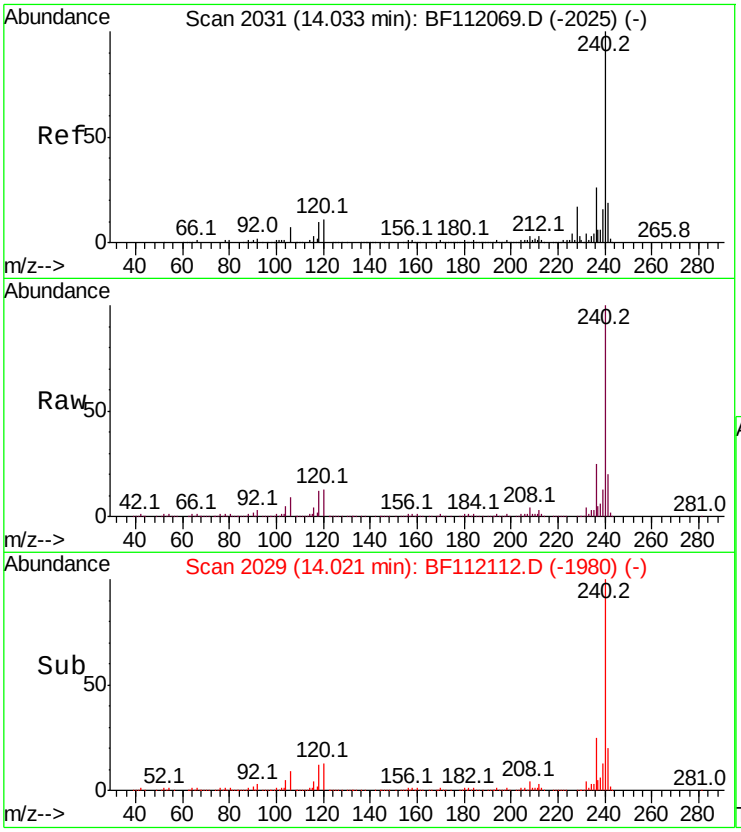


#67
4-Bromophenyl-phenylether
Concen: 2.085 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:248 Resp: 19839

Ion	Ratio	Lower	Upper
248	100		
250	188.3	79.7	119.5#
141	508.7	60.3	90.5#



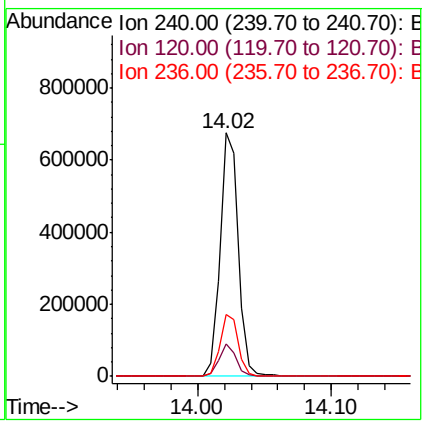


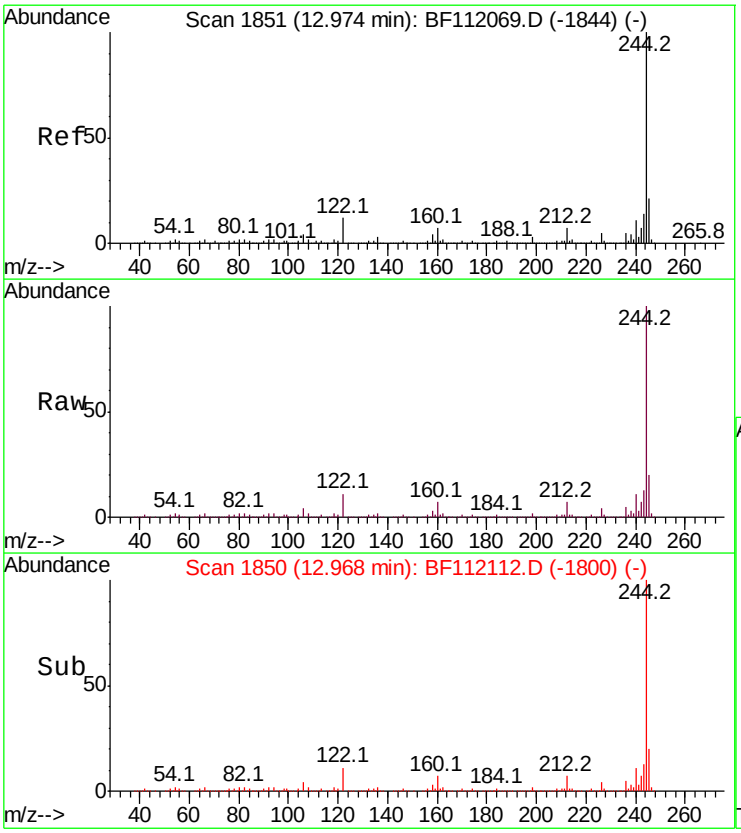
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:240 Resp: 652062

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.0	13.6
236	25.4	20.7	31.1

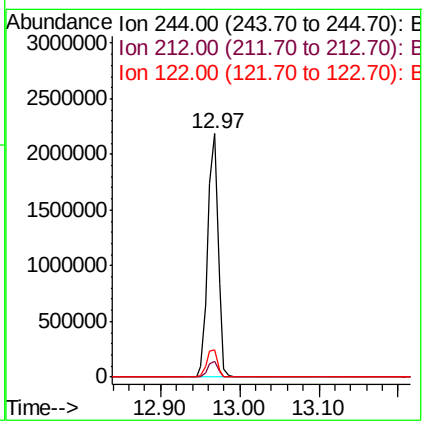


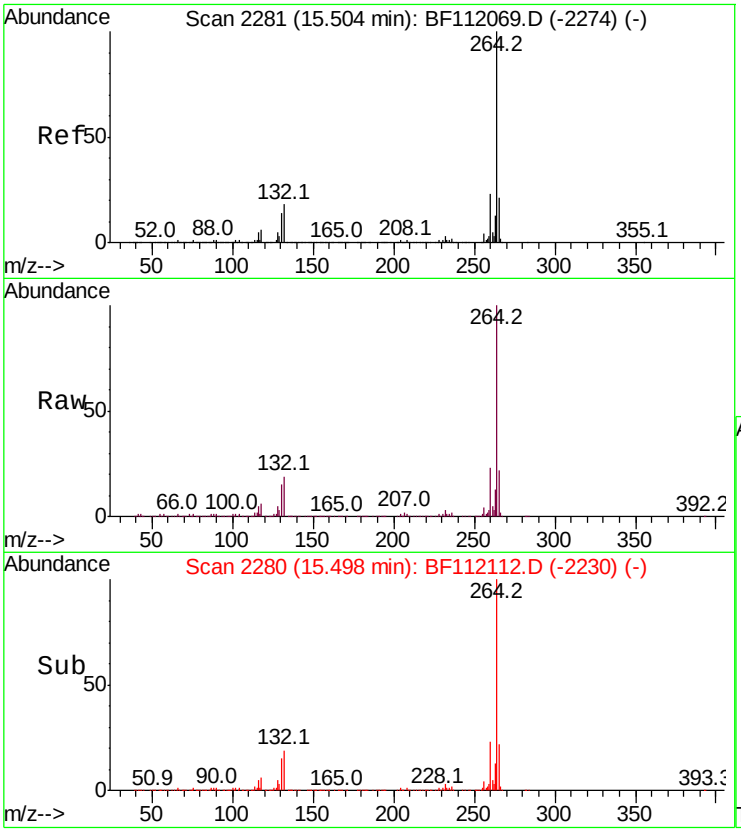


#79
Terphenyl-d14
Concen: 64.814 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Tgt Ion:244 Resp: 1986626

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	11.1	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112112.D
Acq: 18 Jan 2019 2:30

Instrument :
BNA_F
ClientSampleId :
PB116445BL

Tgt Ion:264 Resp: 507424

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.9	17.0	25.4