Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
Data File : BF112698.D
Acq On : 25 Feb 2019 17:52
Operator : JU/SJ
Sample : K1595-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-CBF-B11

Quant Time: Feb 26 00:07:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	16635	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	66480	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	33012	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	66730	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	50743	20.00	ng	-0.02
87) Perylene-d12	15.46	264	41626	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	125968	160.84	ng	-0.02
7) Phenol-d6	6.49	99	139556	128.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	116150	100.67	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	55145	143.51	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	249565	106.92	ng	-0.04
79) Terphenyl-d14	12.91	244	302890	112.42	ng	-0.04
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	3846	6.762	ng	# 70
19) n-Nitroso-di-n-propylamine	7.38	70	14437	19.239	ng	# 76
25) Isophorone	7.38	82	116149	64.170	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	4004	6.970	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	4004	5.475	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	3024	3.853	ng	# 1
77) Benzidine	12.91	184	3969	2.842	ng	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
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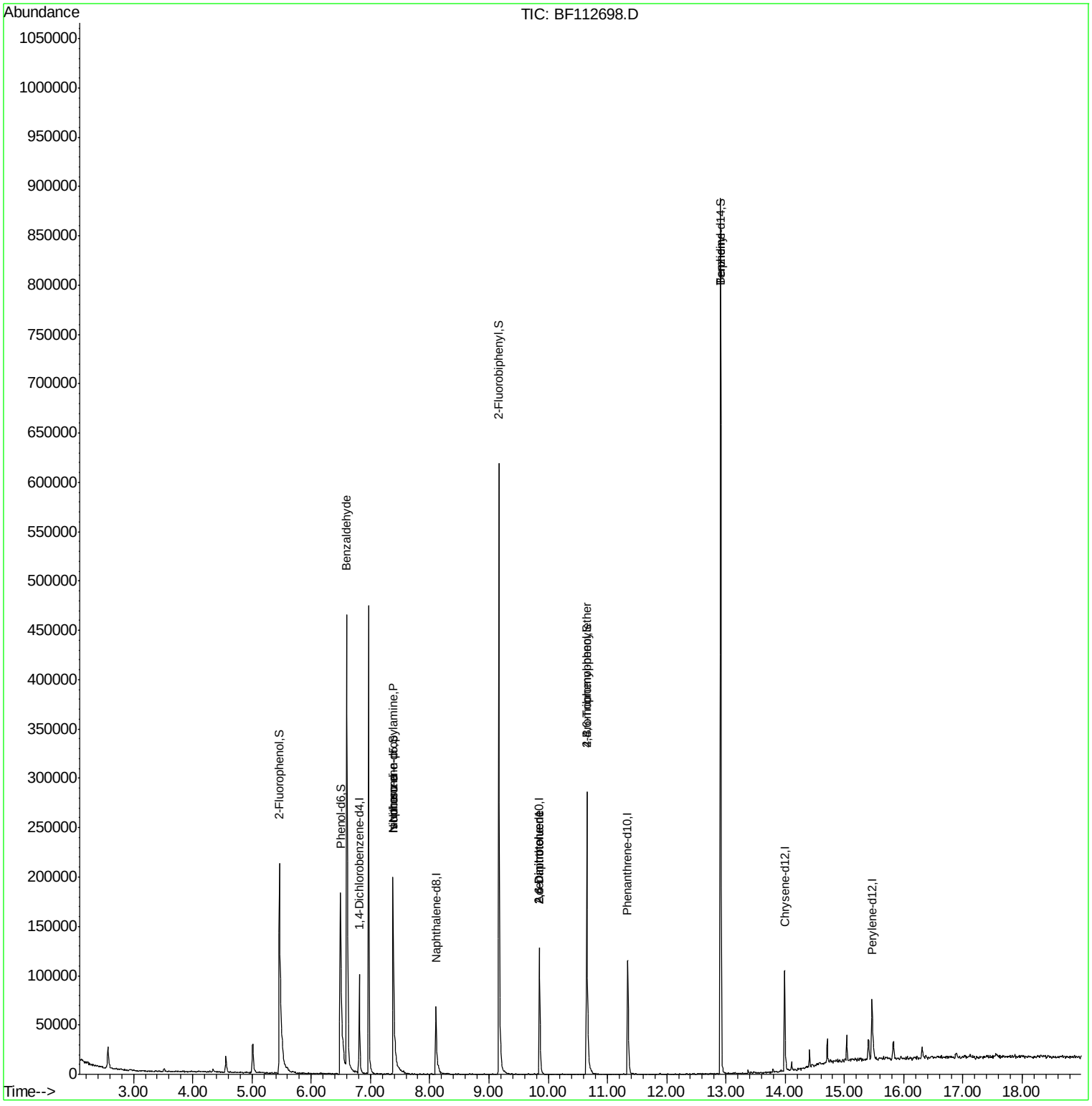
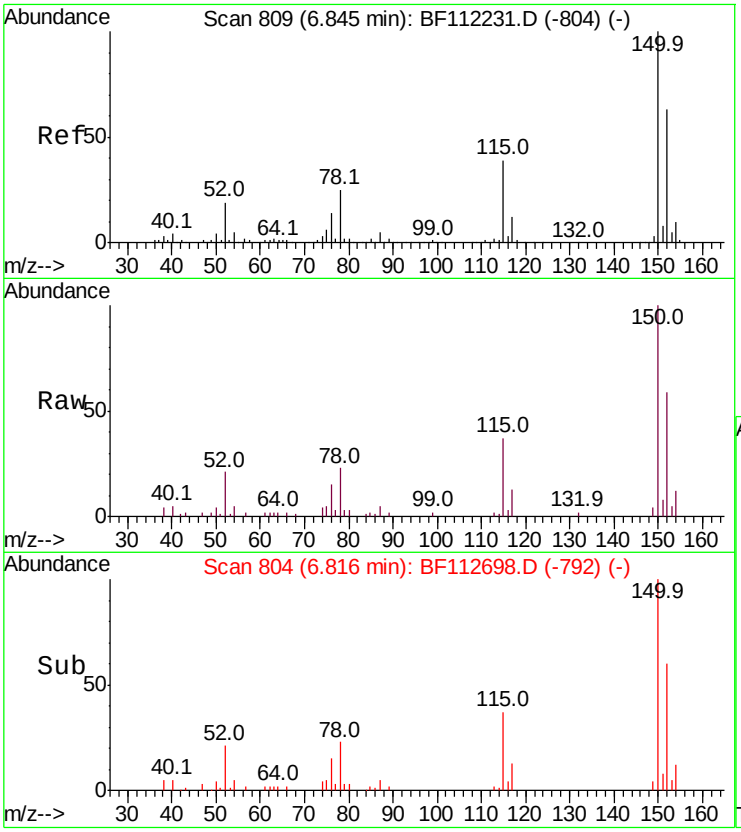


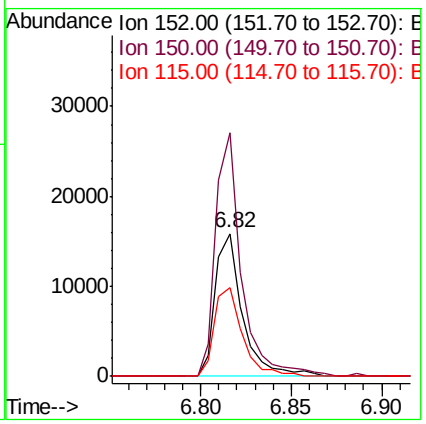


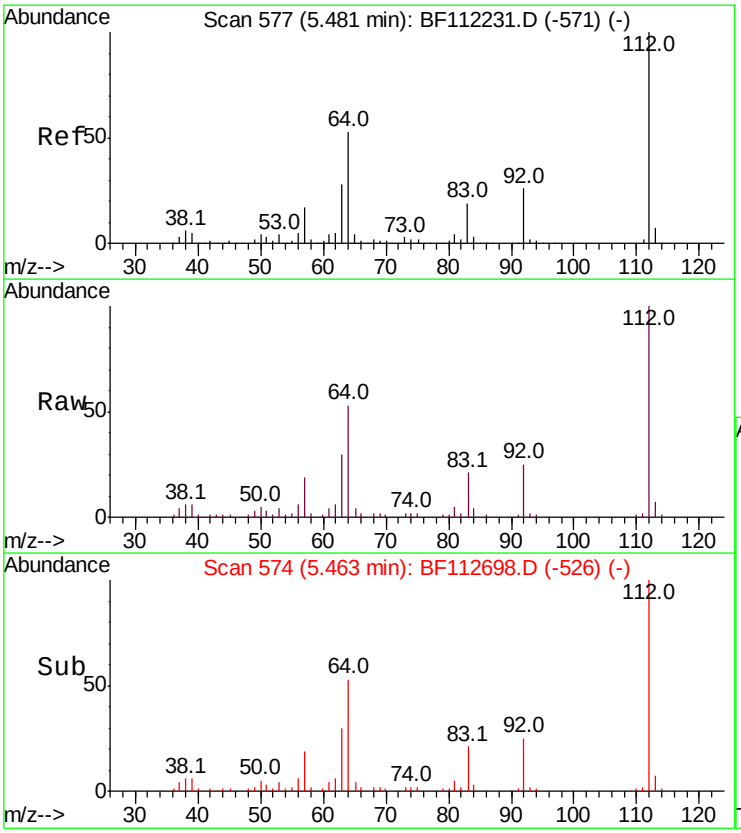
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:152 Resp: 16635

Ion	Ratio	Lower	Upper
152	100		
150	170.3	127.4	191.0
115	62.5	45.5	68.3

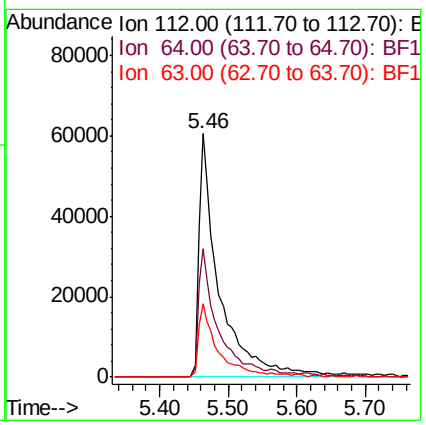


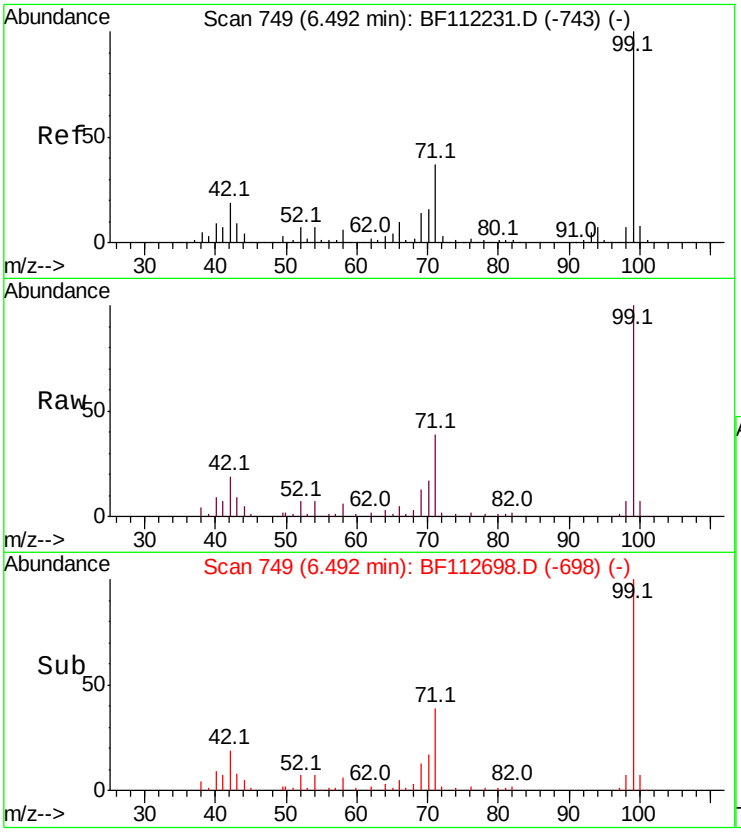


#5
2-Fluorophenol
Concen: 160.844 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:112 Resp: 125968

Ion	Ratio	Lower	Upper
112	100		
64	52.7	45.7	68.5
63	30.2	23.6	35.4



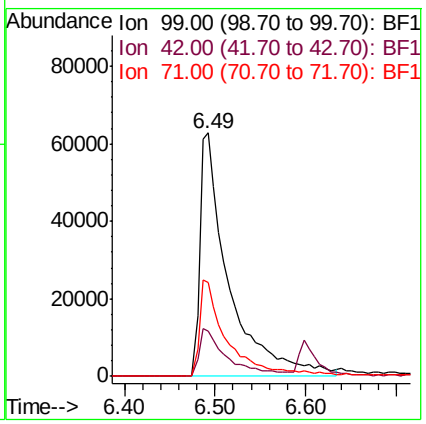


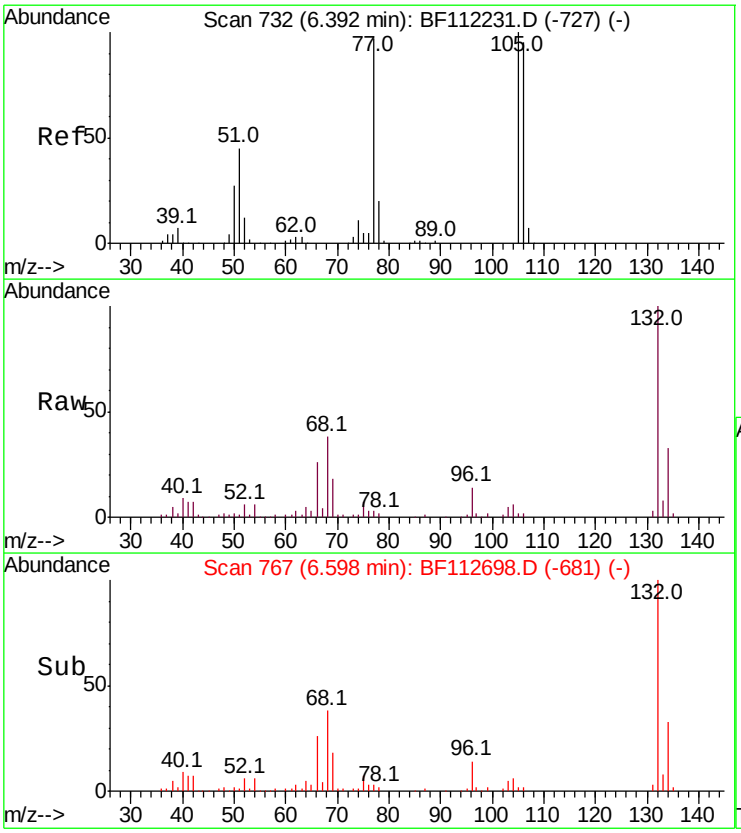
#7
Phenol-d6
Concen: 128.239 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion: 99 Resp: 139556

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	38.6	26.9	40.3

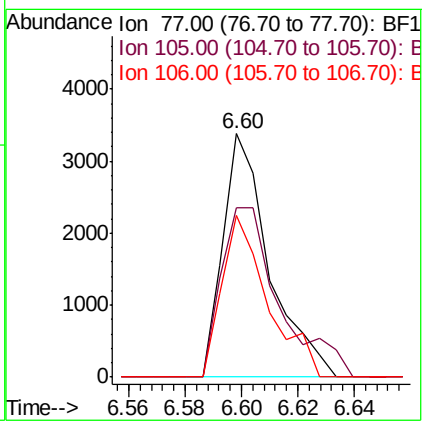


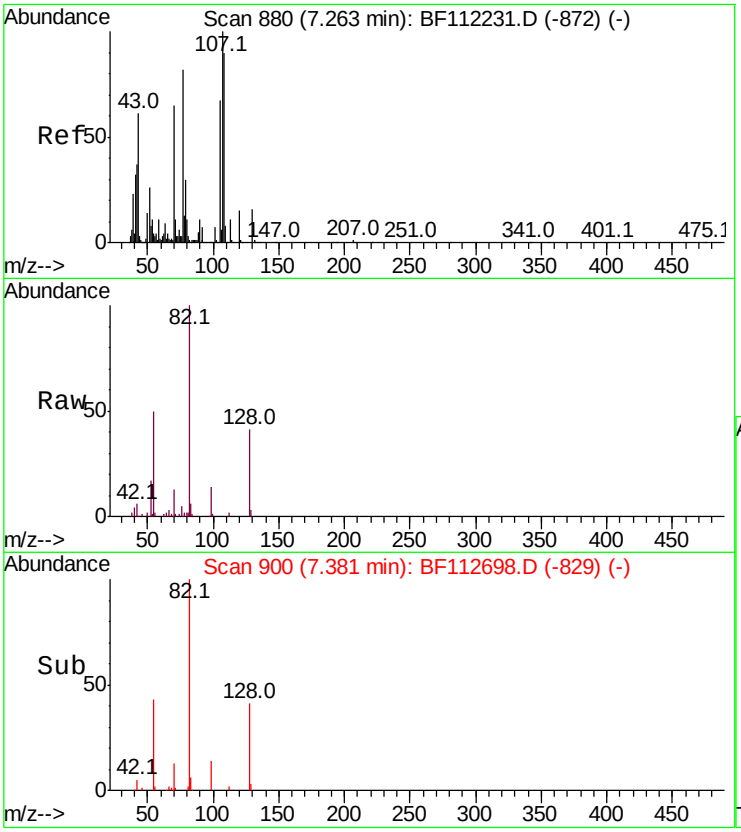


#9
Benzaldehyde
Concen: 6.762 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.21 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion: 77 Resp: 3846

Ion	Ratio	Lower	Upper
77	100		
105	69.7	80.8	120.8#
106	66.6	75.7	115.7#



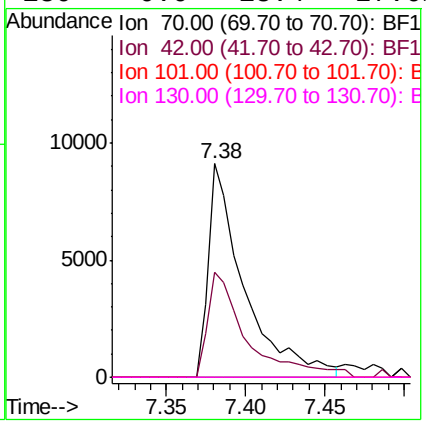


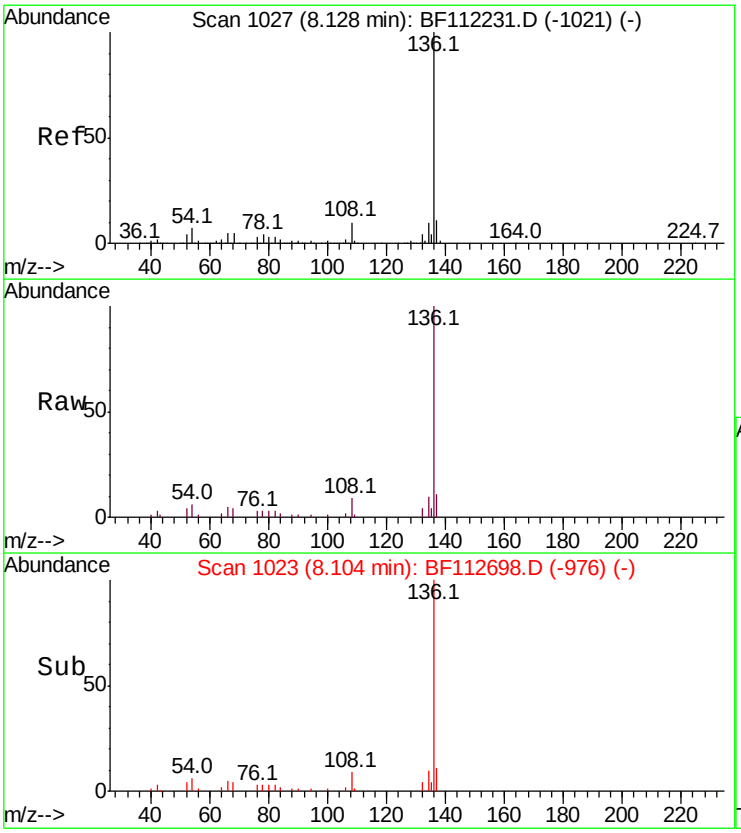
#19
n-Nitroso-di-n-propylamine
Concen: 19.239 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion: 70 Resp: 14437

Ion	Ratio	Lower	Upper
70	100		
42	49.0	47.6	71.4
101	0.0	7.9	11.9#
130	0.0	18.4	27.6#

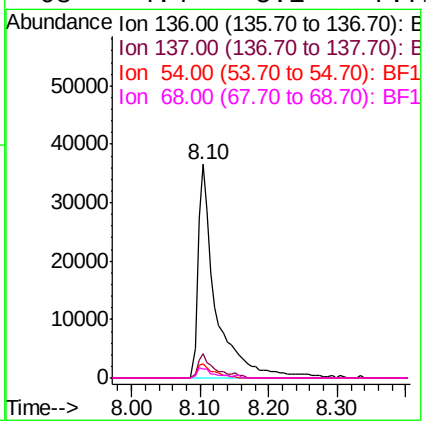


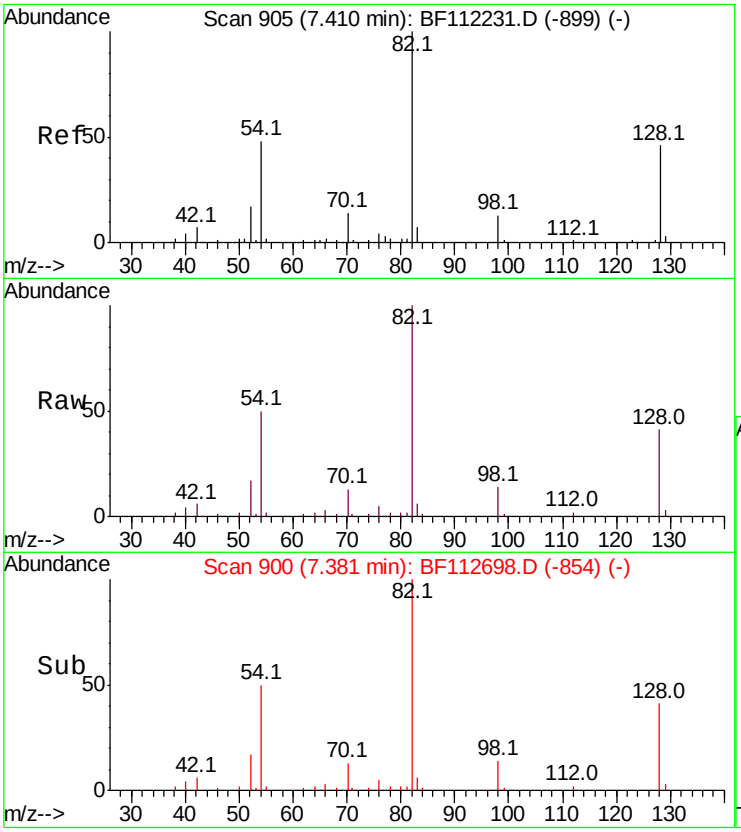


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:136 Resp: 66480

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.4	5.9	8.9
68	4.4	5.1	7.7#



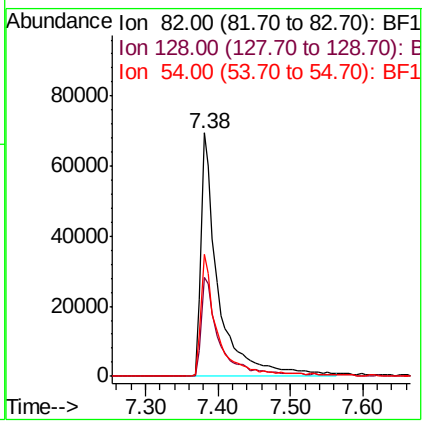


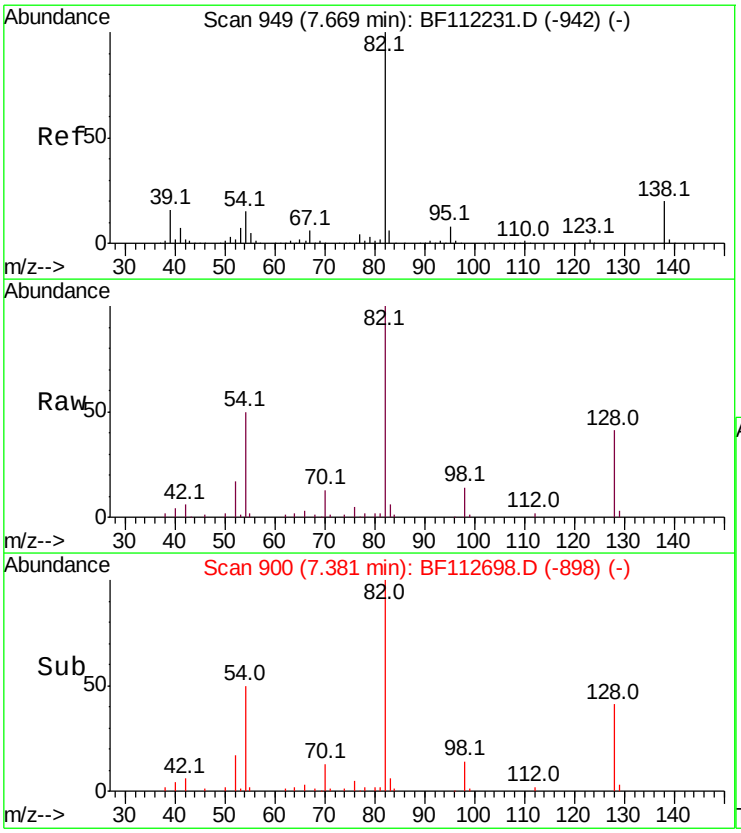
#23
Nitrobenzene-d5
Concen: 100.670 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion: 82 Resp: 116150

Ion	Ratio	Lower	Upper
82	100		
128	40.9	37.8	56.8
54	50.0	39.7	59.5

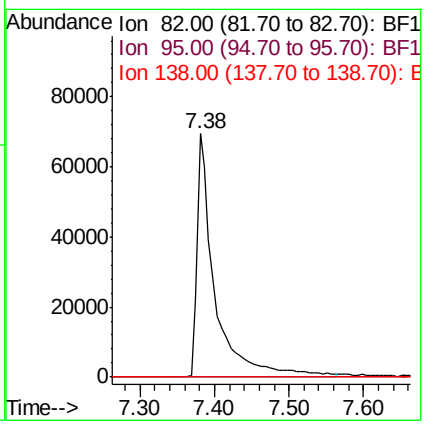


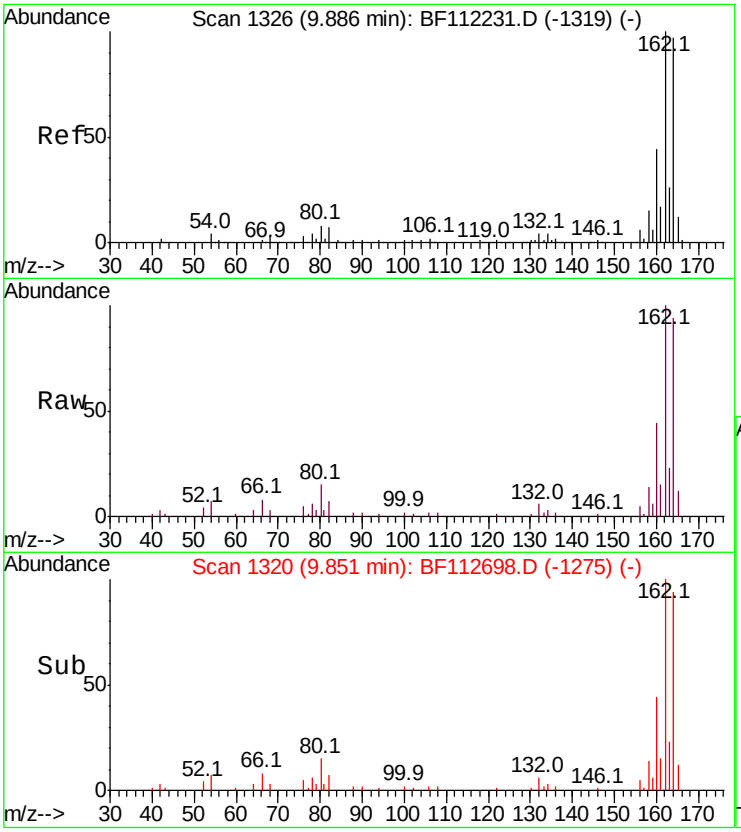


#25
Isophorone
Concen: 64.170 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion: 82 Resp: 116149

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



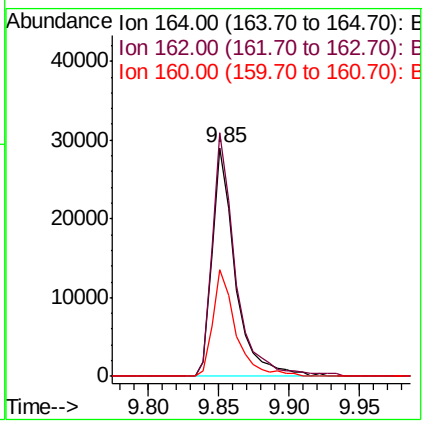


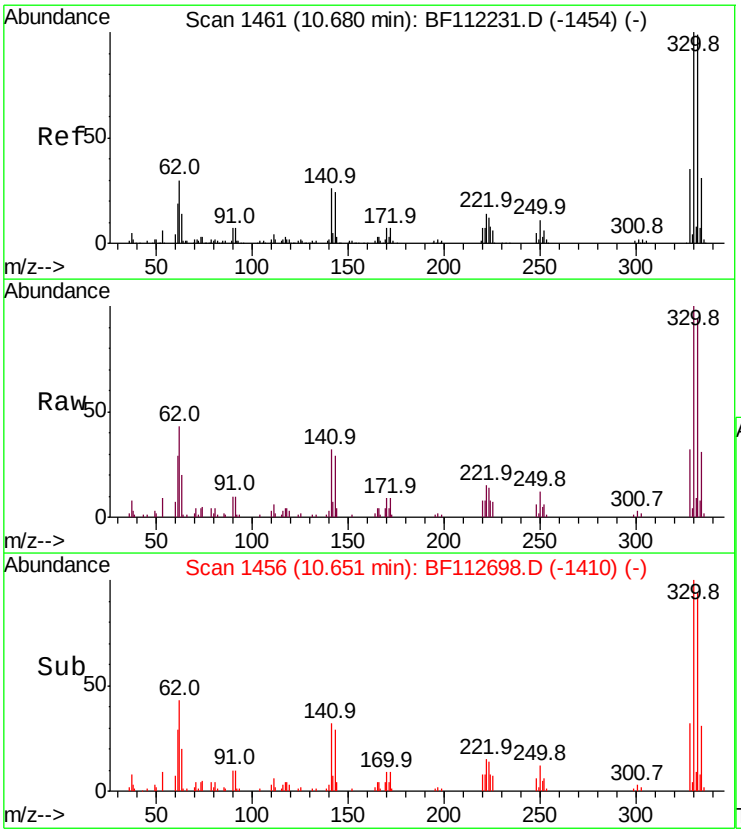
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:164 Resp: 33012

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.2	123.4
160	46.6	36.2	54.4

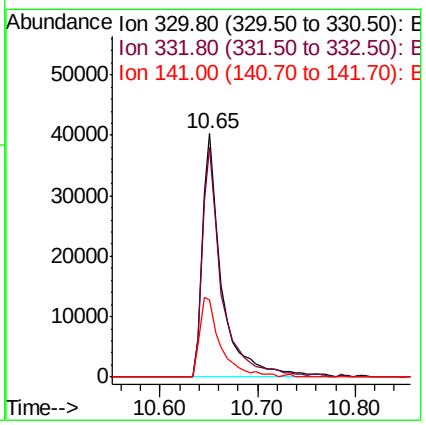


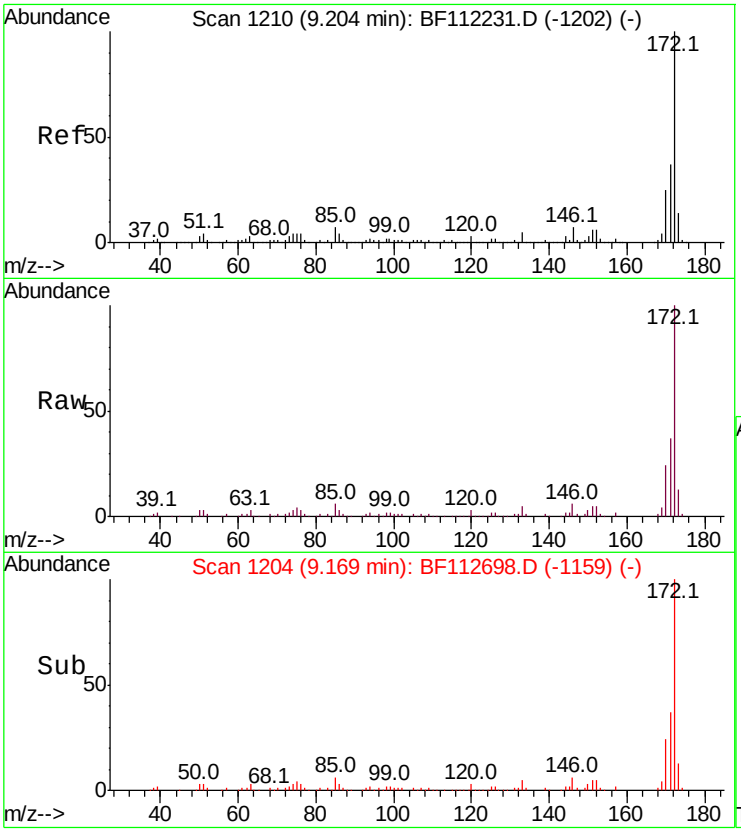


#42
2,4,6-Tribromophenol
Concen: 143.513 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.03 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:330 Resp: 55145

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	114.8
141	35.1	24.3	36.5



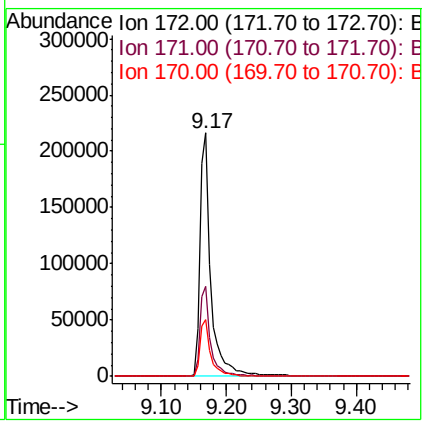


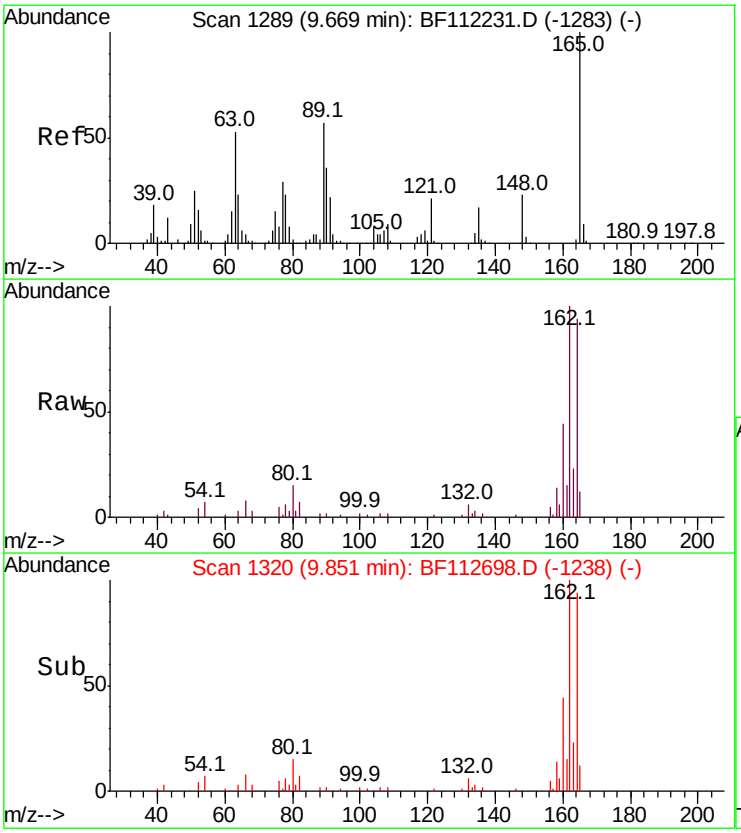
#45
2-Fluorobiphenyl
Concen: 106.921 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:172 Resp: 249565

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.5	20.2	30.4

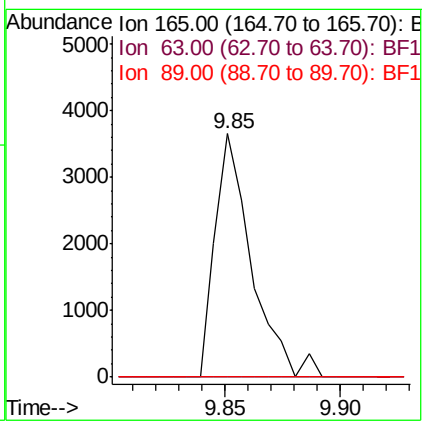


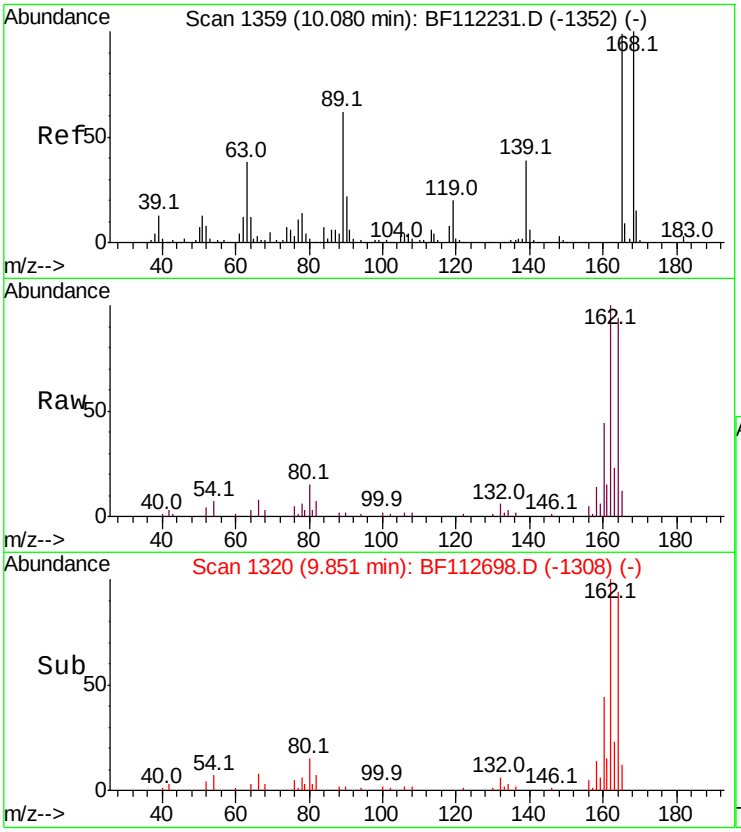


#51
2,6-Dinitrotoluene
Concen: 6.970 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.18 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:165 Resp: 4004

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	36.9	55.3#



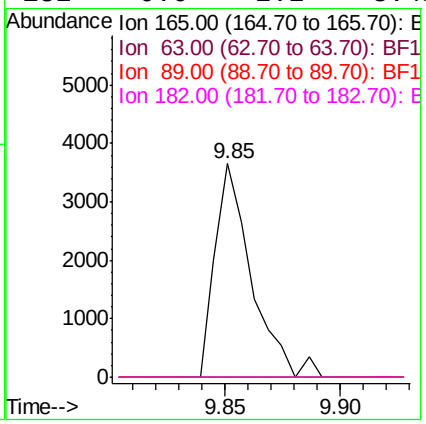


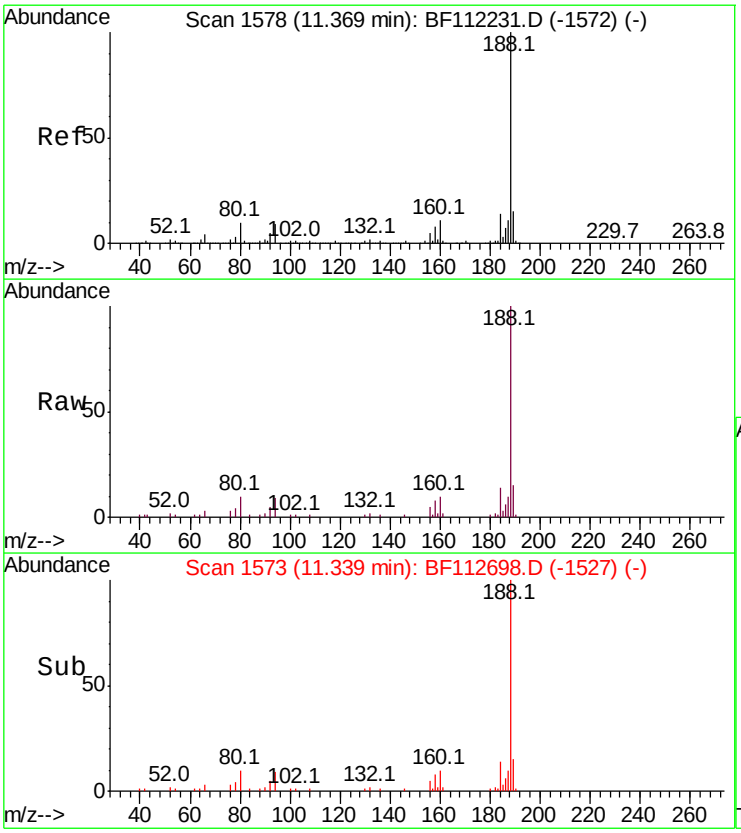
#57
2,4-Dinitrotoluene
Concen: 5.475 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:165 Resp: 4004

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

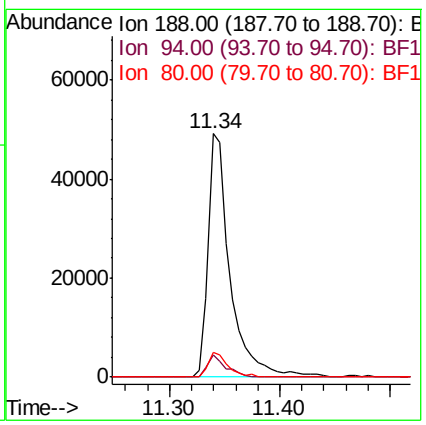


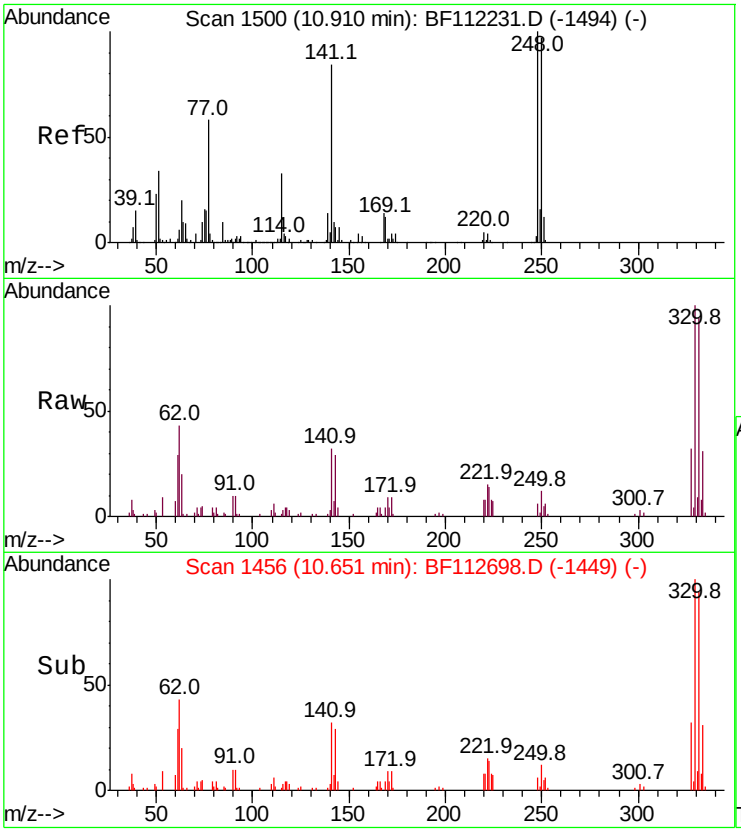


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:188 Resp: 66730

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.9	8.9	13.3



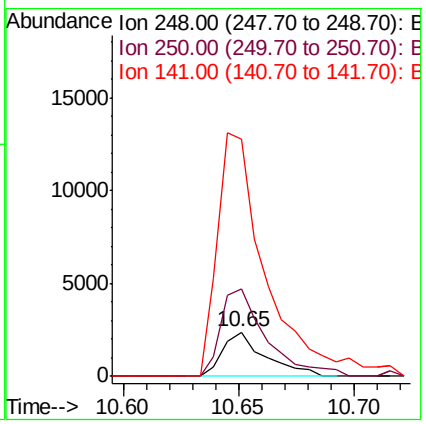


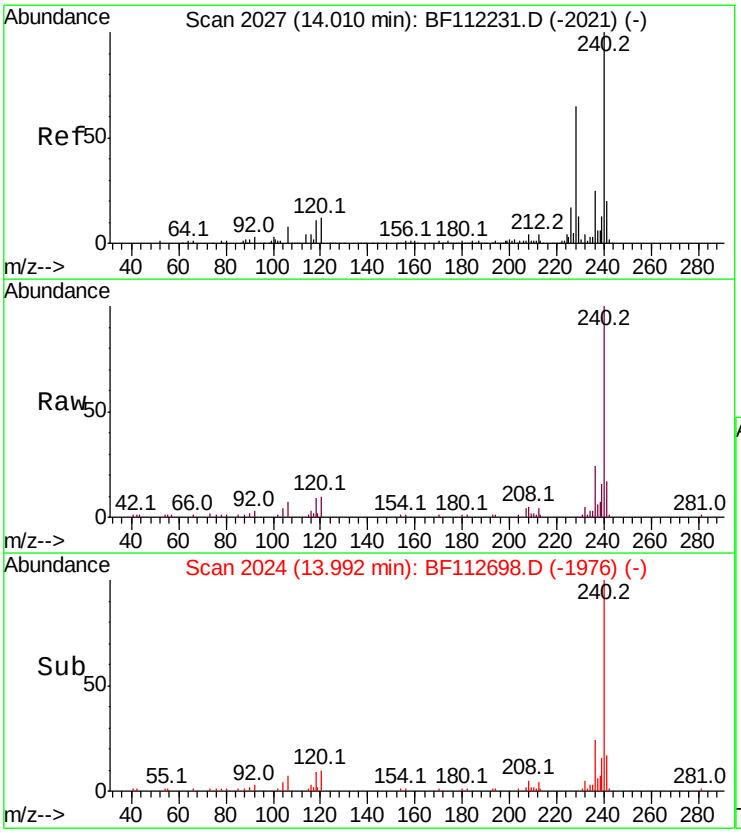
#67
4-Bromophenyl-phenylether
Concen: 3.853 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:248 Resp: 3024

Ion	Ratio	Lower	Upper
248	100		
250	197.1	79.7	119.5#
141	533.3	60.3	90.5#

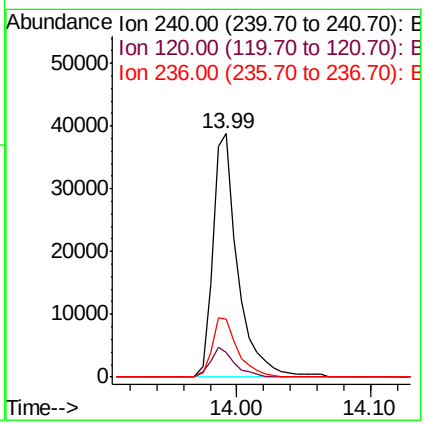


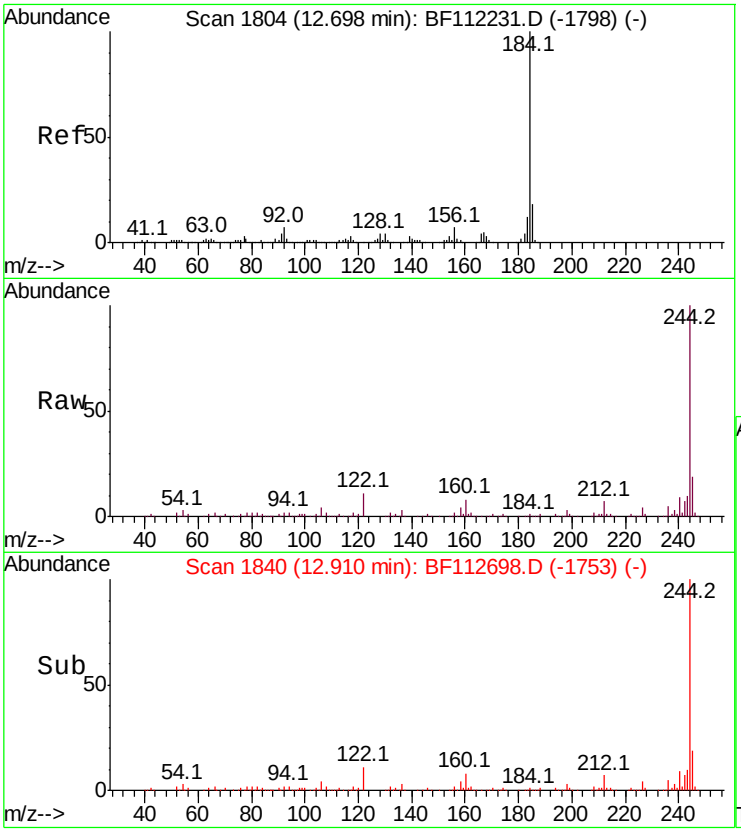


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:240 Resp: 50743

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.6
236	23.8	20.7	31.1



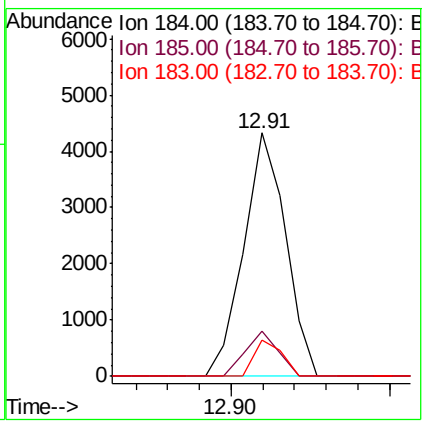


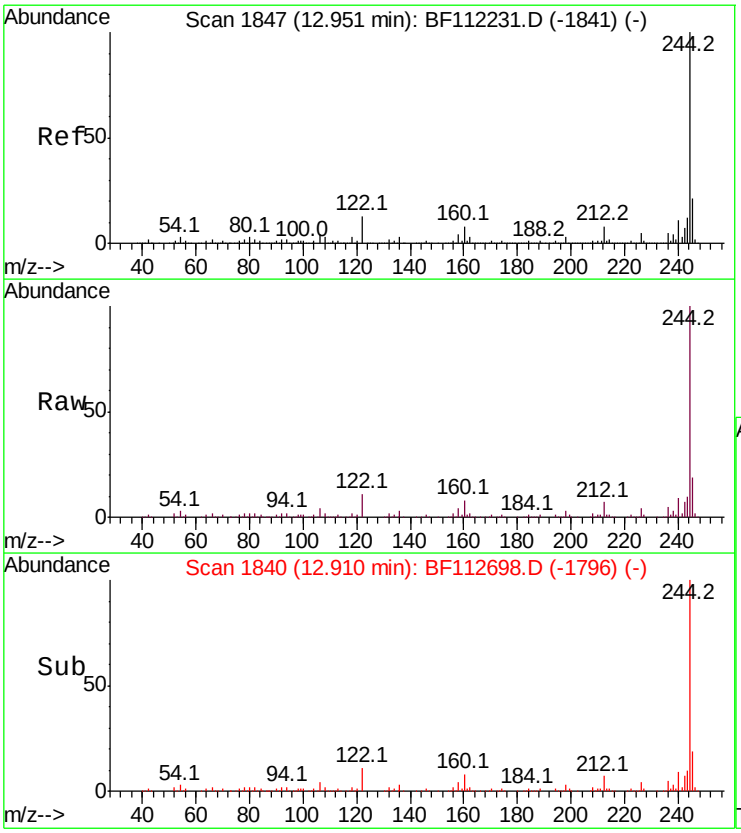
#77
Benzidine
Concen: 2.842 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.21 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:184 Resp: 3969

Ion	Ratio	Lower	Upper
184	100		
185	18.7	13.9	20.9
183	14.8	10.0	15.0

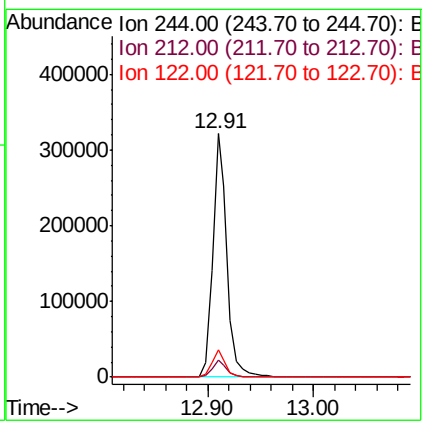


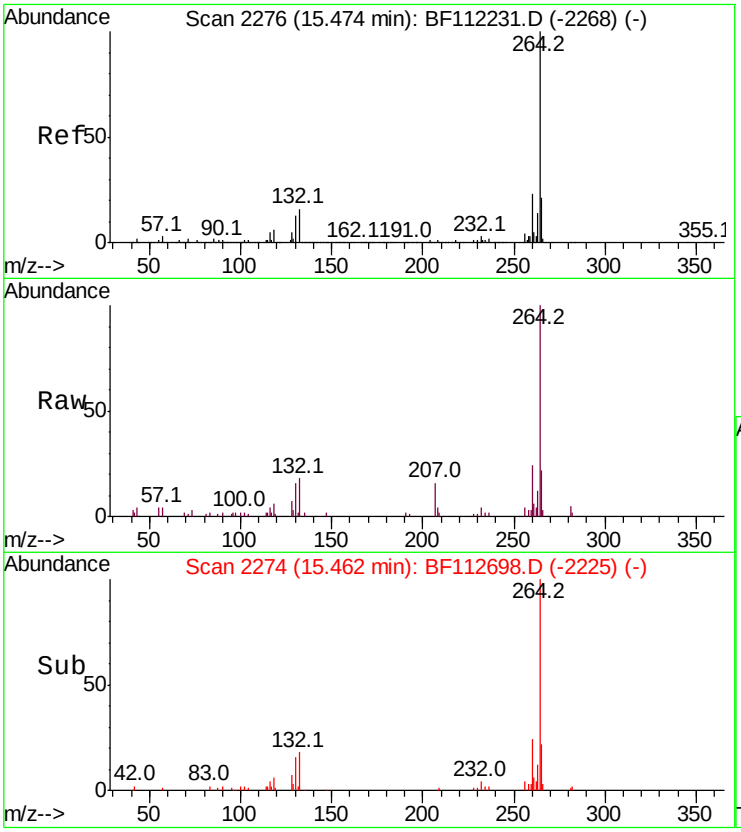


#79
Terphenyl-d14
Concen: 112.425 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:244 Resp: 302890

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.5	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B11

Tgt Ion:264 Resp: 41626

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.2
265	22.2	17.0	25.4