Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099978.D
Acq On : 31 Oct 2017 00:12
Operator : SJ/JU
Sample : I6083-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 31 02:31:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83694	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	339119	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	149056	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	241506	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	161220	20.00	ng	-0.01
86) Perylene-d12	15.47	264	146694	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	234967	44.08	ng	0.00
7) Phenol-d6	6.43	99	175898	27.83	ng	0.00
23) Nitrobenzene-d5	7.36	82	483836	91.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	111319	81.95	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	943034	97.61	ng	-0.01
78) Terphenyl-d14	12.91	244	716661	97.14	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	59666	16.107	ng	# 71
25) Isophorone	7.36	82	483836	50.620	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	18622	7.504	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	18622	6.231	ng	# 21
62) Azobenzene	10.54	77	29144	3.016	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	7143	2.809	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
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Acq On : 31 Oct 2017 00:12
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Sample : I6083-04
Misc :
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Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 31 02:31:20 2017
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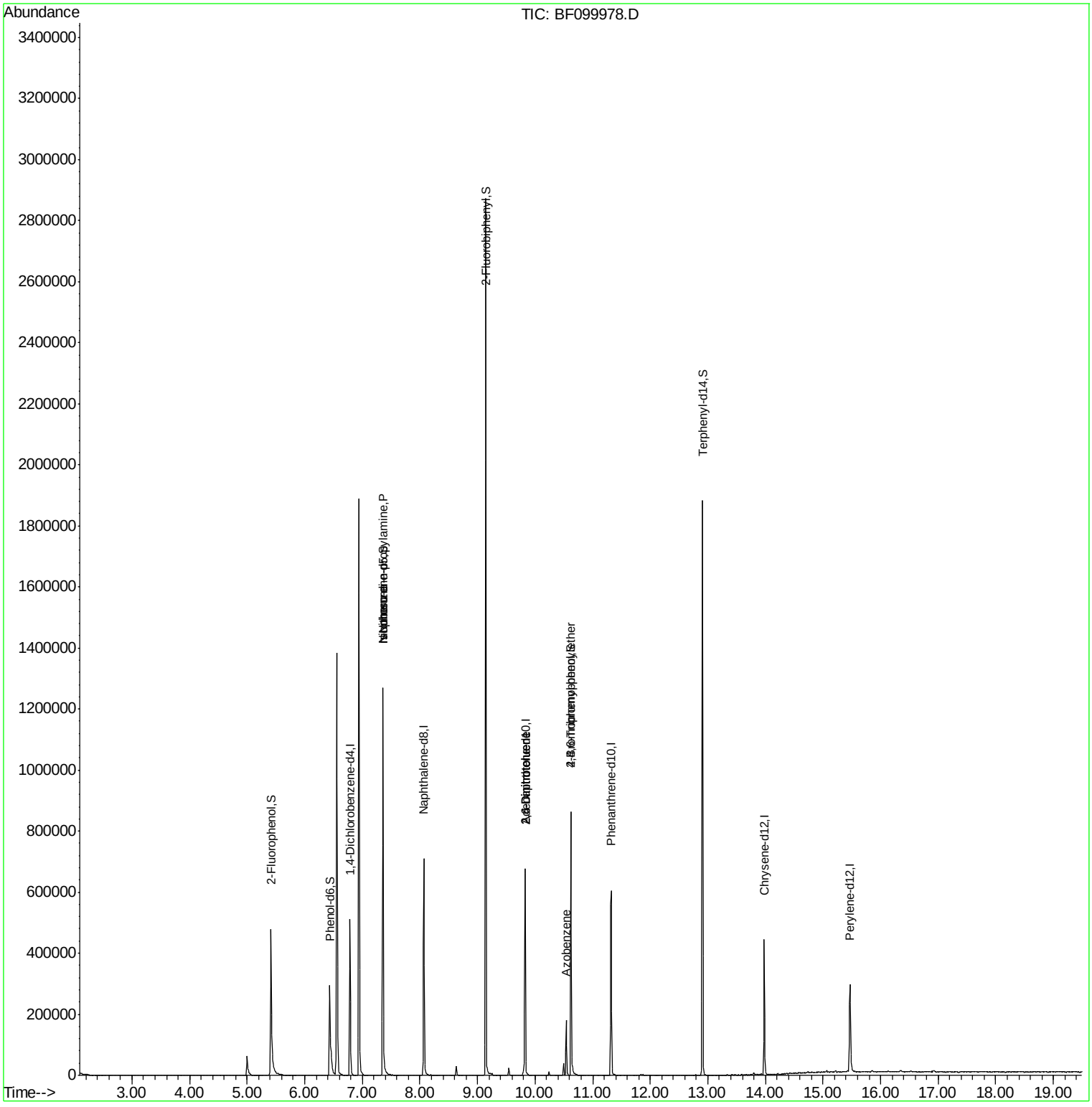
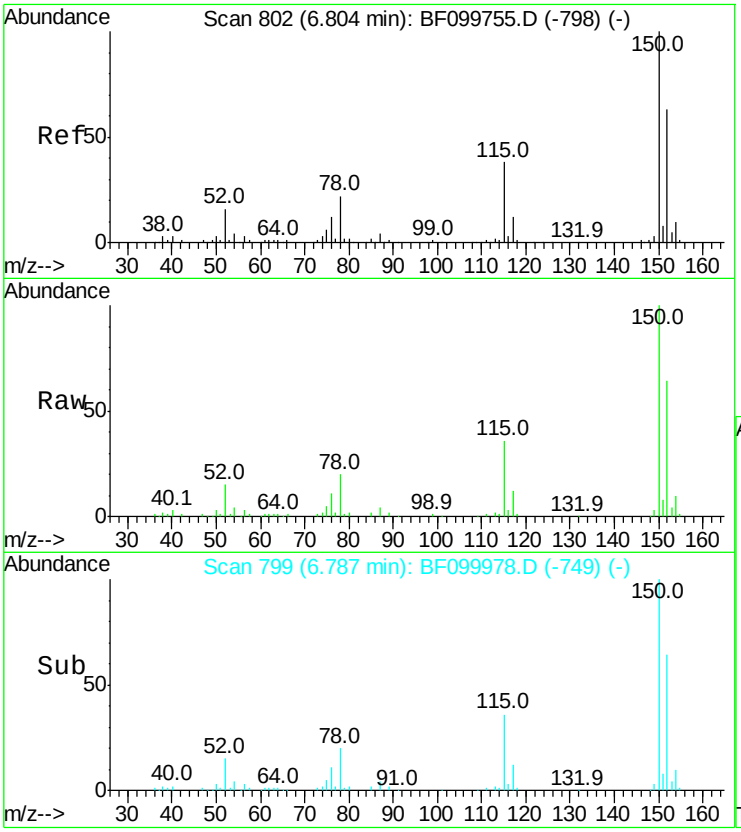
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration



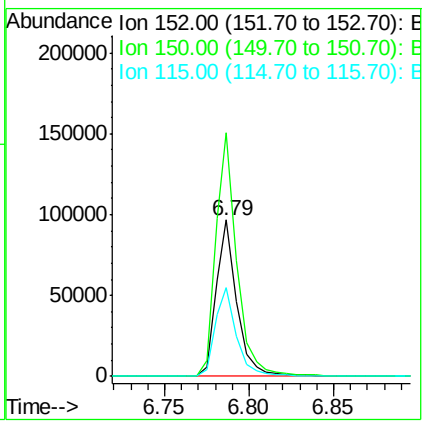


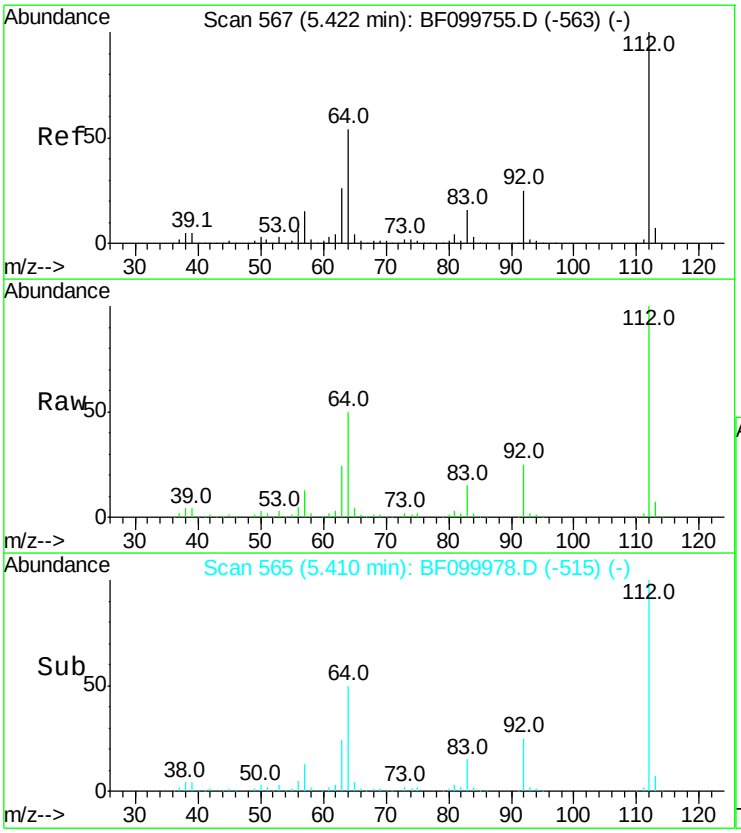
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83694

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	56.7	50.1	75.1

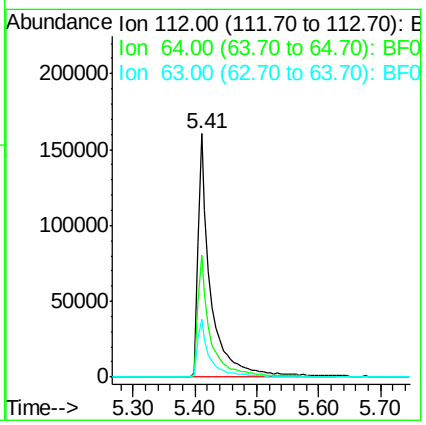


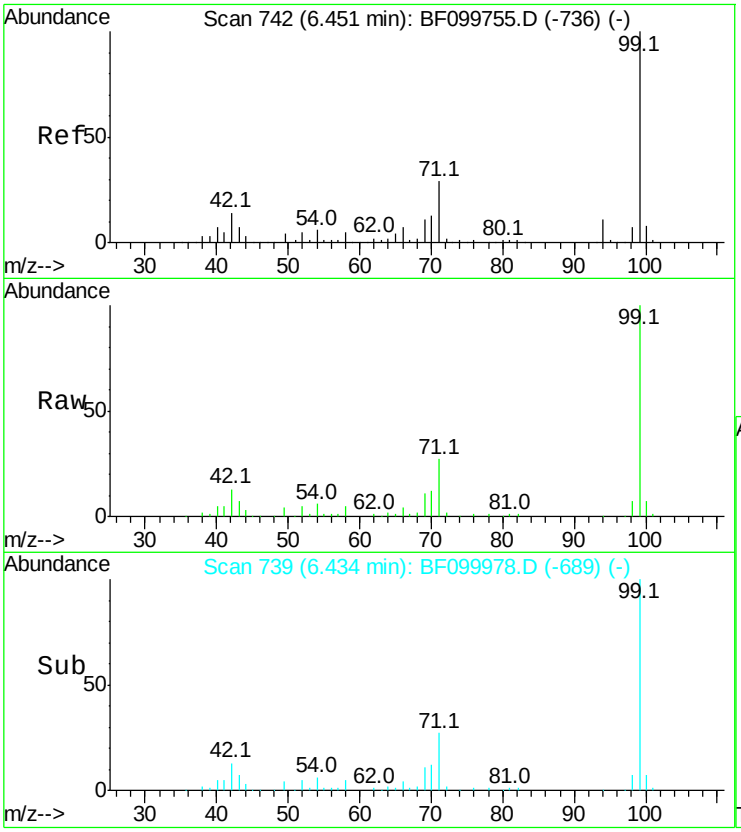


#5
2-Fluorophenol
Concen: 44.076 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:112 Resp: 234967

Ion	Ratio	Lower	Upper
112	100		
64	50.3	47.9	71.9
63	23.6	23.7	35.5#



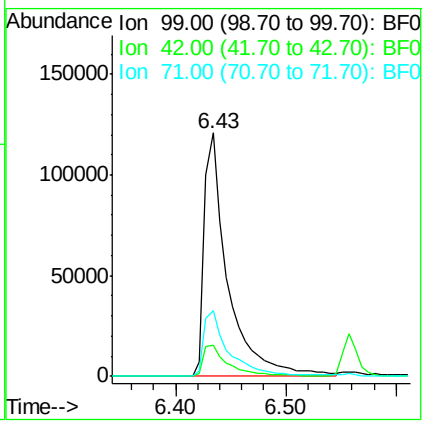


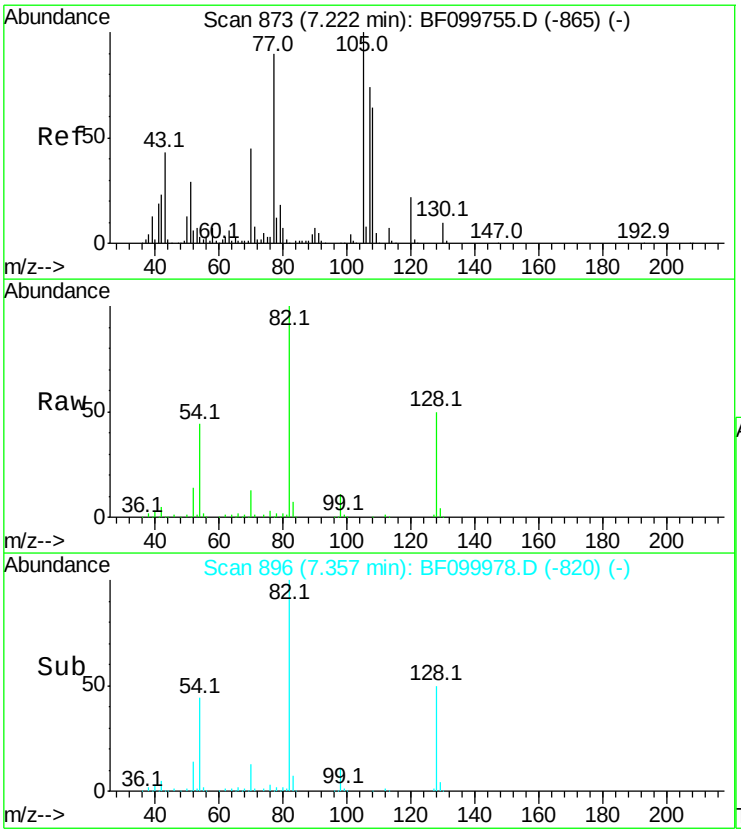
#7
Phenol-d6
Concen: 27.828 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 175898

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.5	21.7#
71	26.8	25.4	38.0

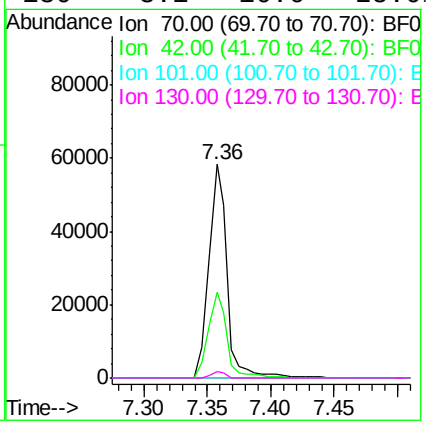


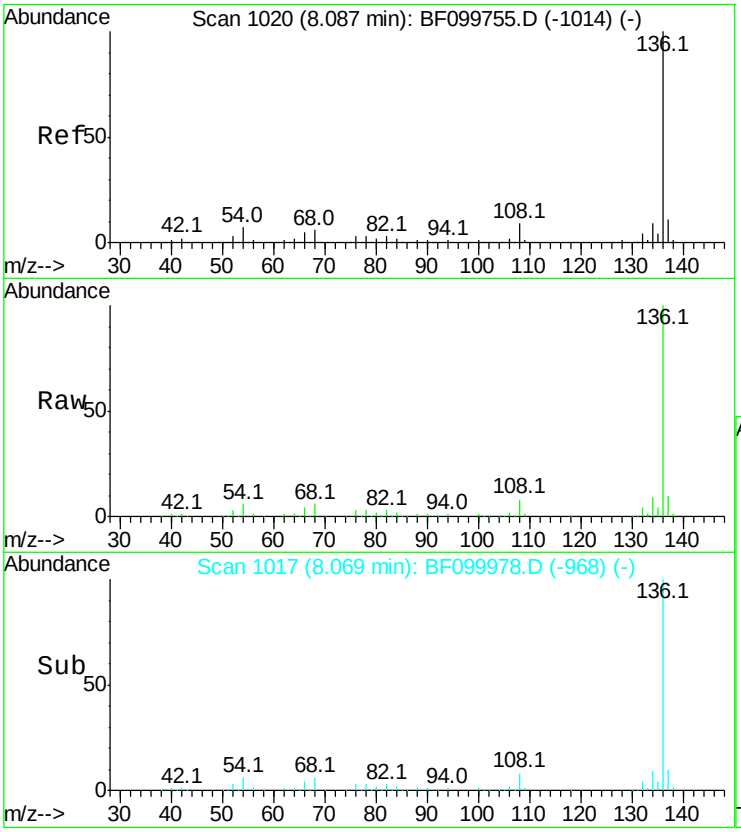


#19
n-Nitroso-di-n-propylamine
Concen: 16.107 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion: 70 Resp: 59666

Ion	Ratio	Lower	Upper
70	100		
42	39.9	47.5	71.3#
101	0.0	7.4	11.2#
130	3.1	16.6	25.0#



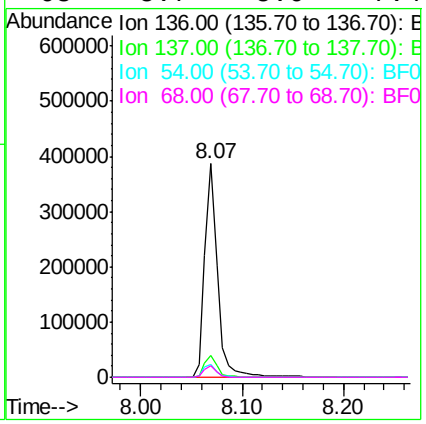


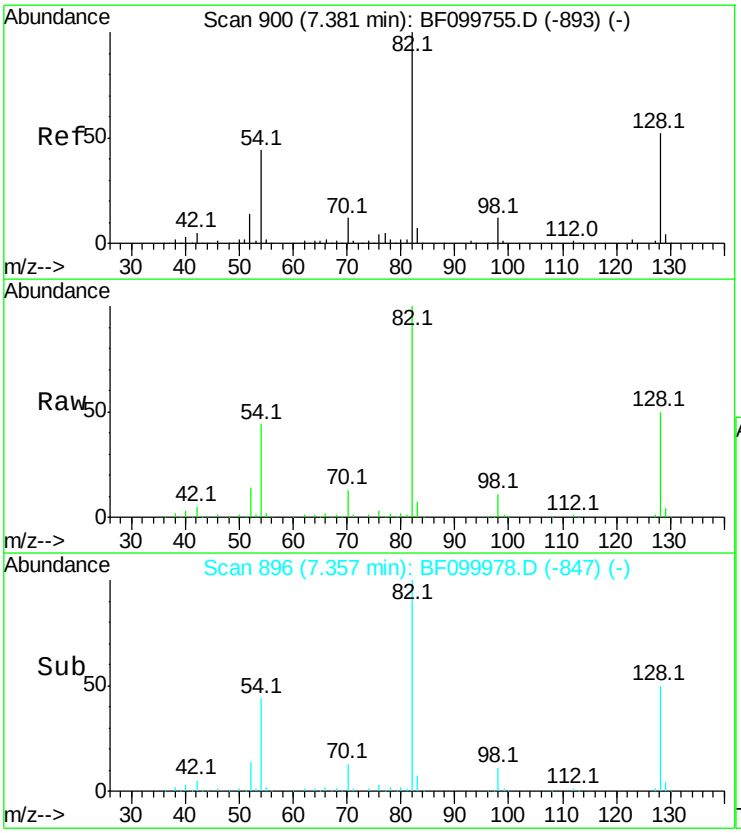
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 339119

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	6.2	6.6	9.8#
68	5.7	5.0	7.4

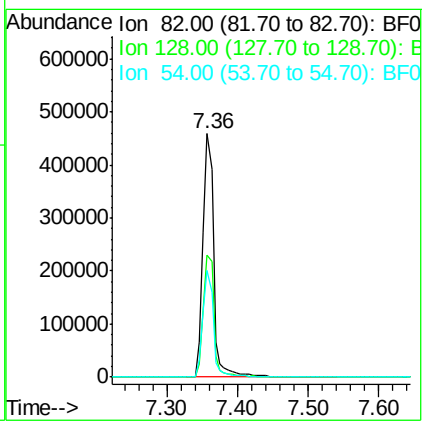


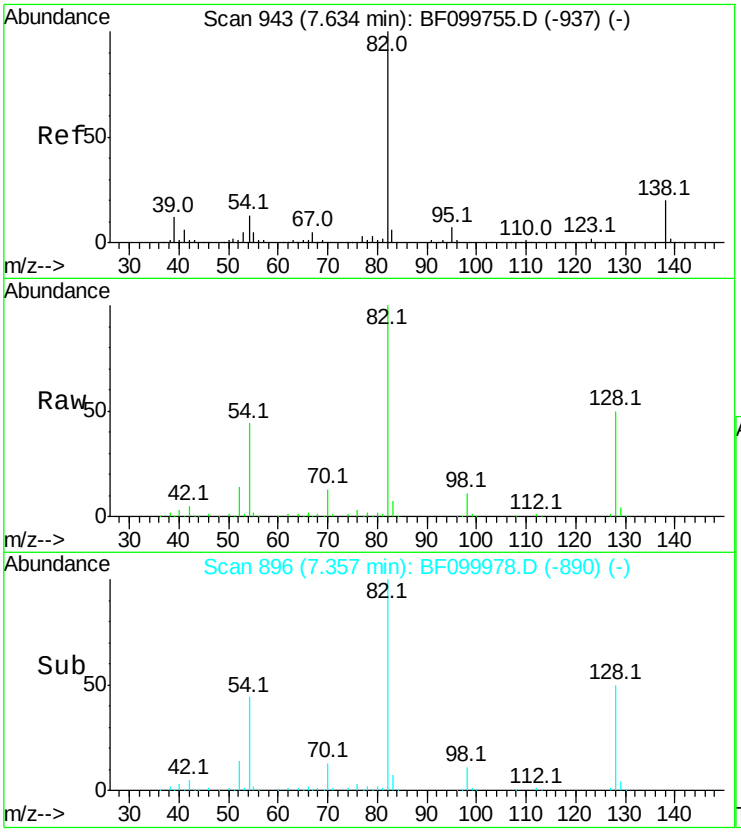


#23
Nitrobenzene-d5
Concen: 91.854 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion: 82 Resp: 483836

Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	43.8	41.4	62.2



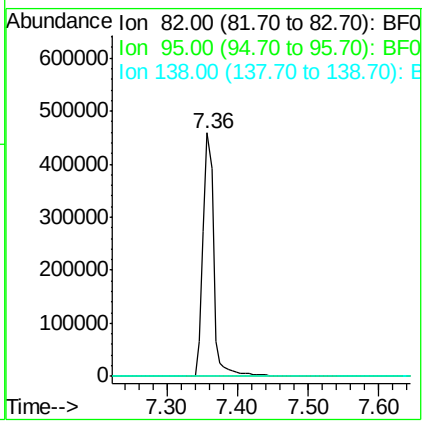


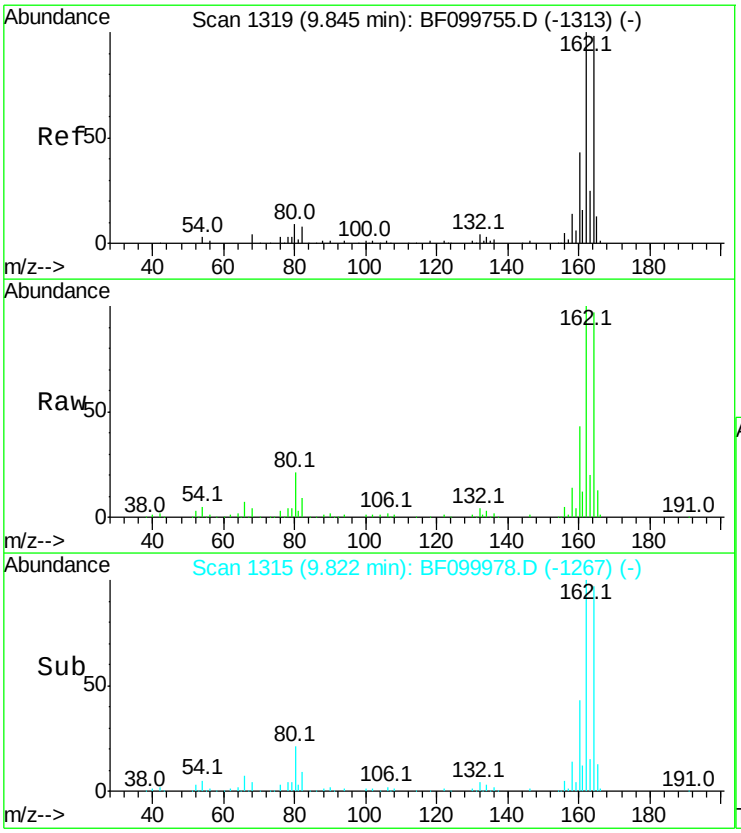
#25
Isophorone
Concen: 50.620 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 483836

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

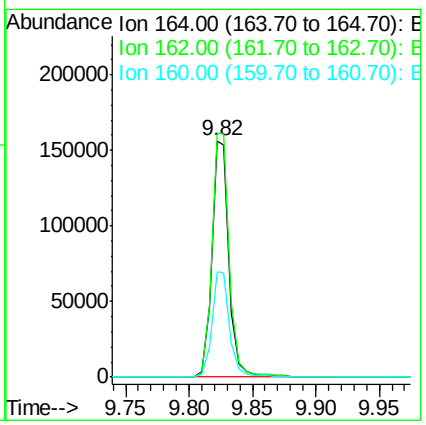


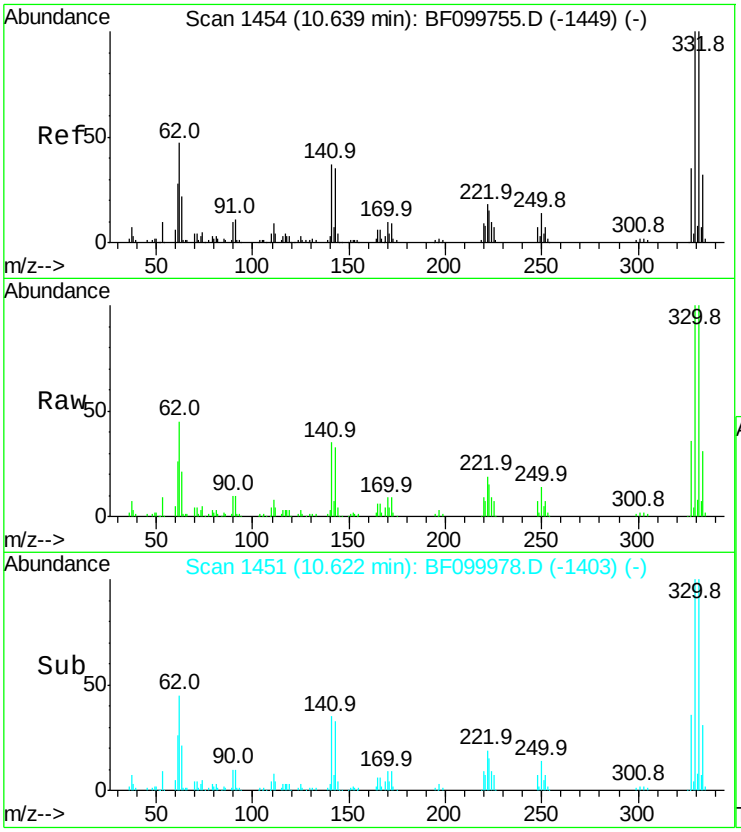


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:164 Resp: 149056

Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	44.5	38.3	57.5



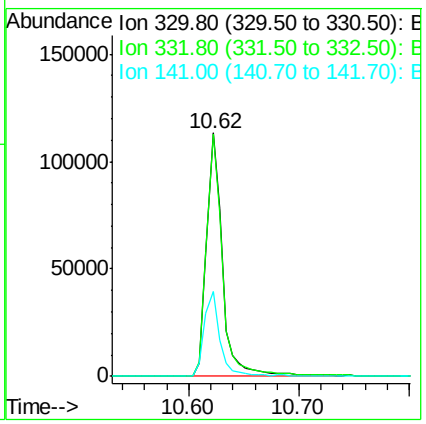


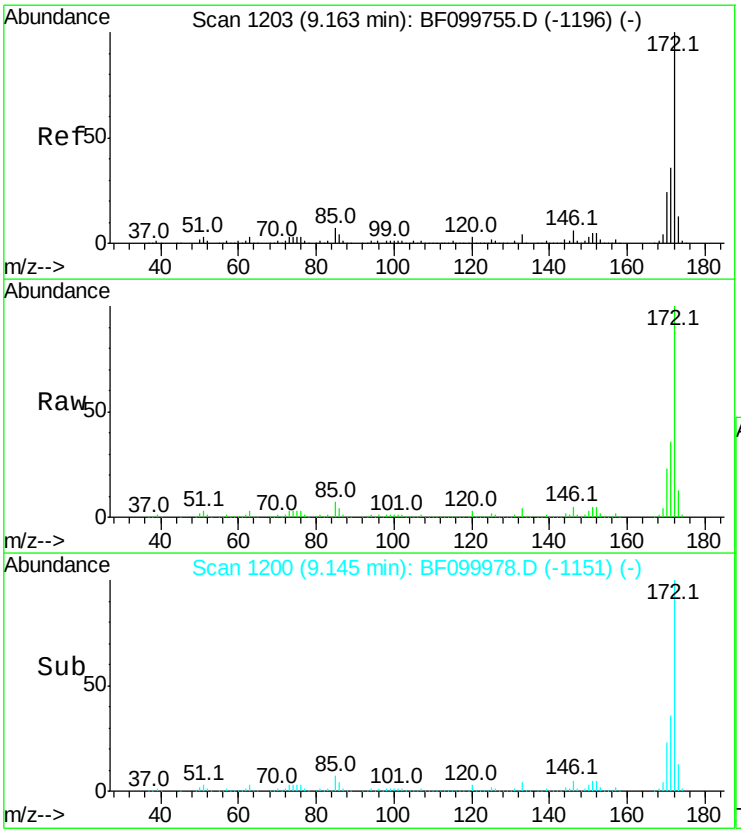
#41
2,4,6-Tribromophenol
Concen: 81.950 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 111319

Ion	Ratio	Lower	Upper
330	100		
332	99.7	77.0	115.6
141	34.6	29.9	44.9

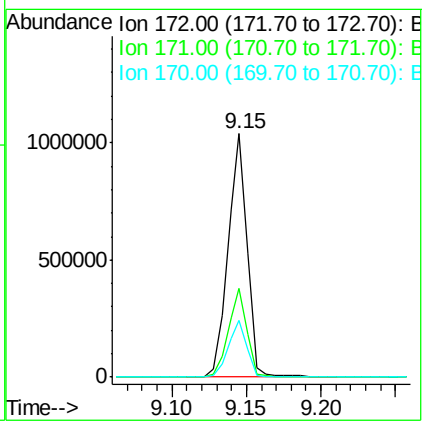


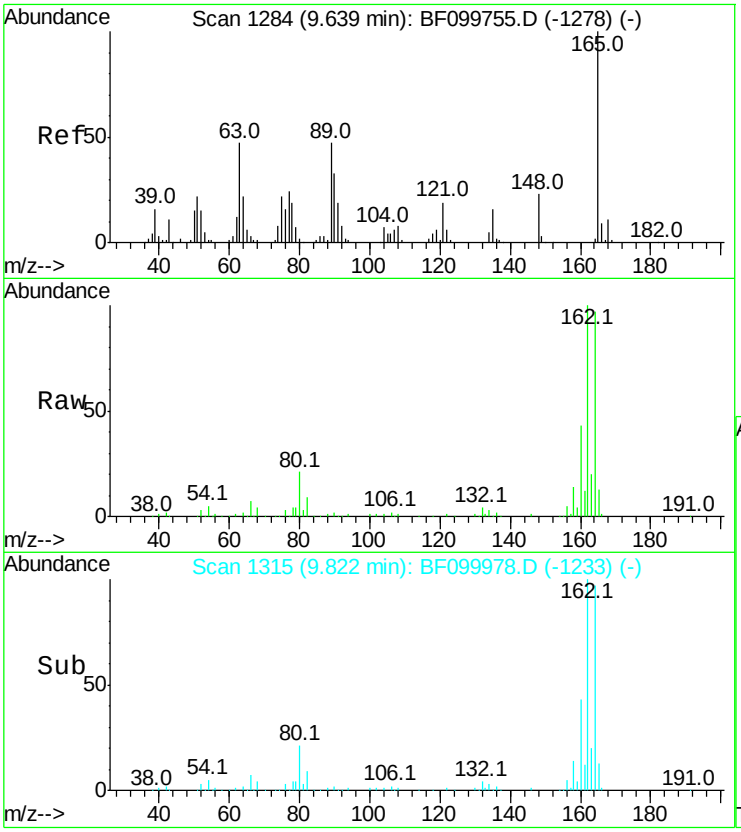


#44
2-Fluorobiphenyl
Concen: 97.611 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:172 Resp: 943034

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.4	19.6	29.4



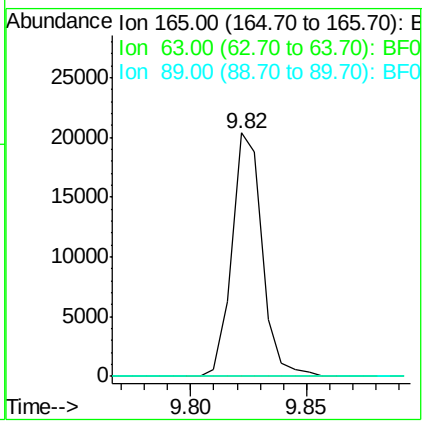


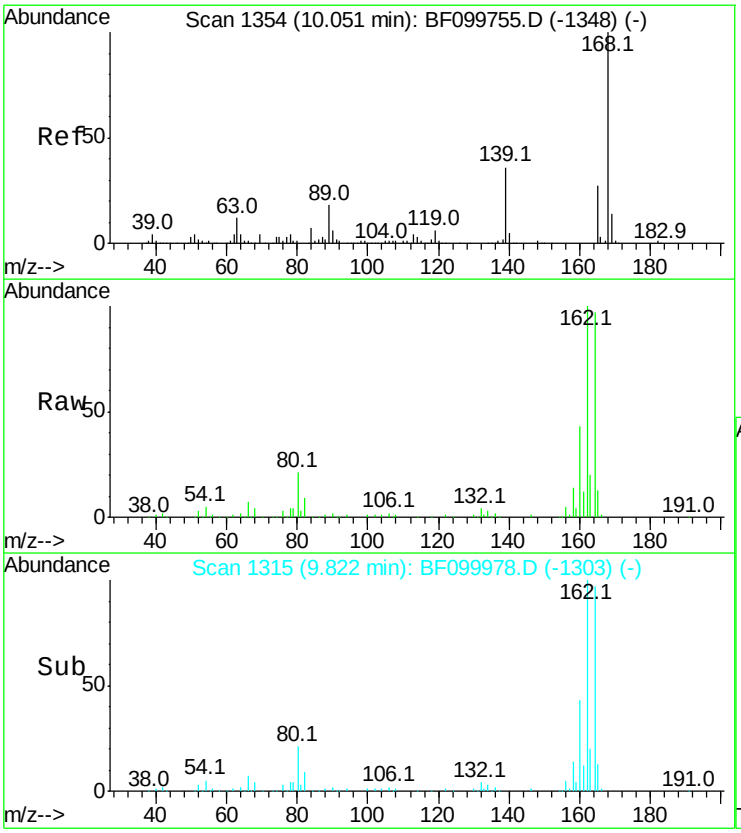
#50
2,6-Dinitrotoluene
Concen: 7.504 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.18 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 18622

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

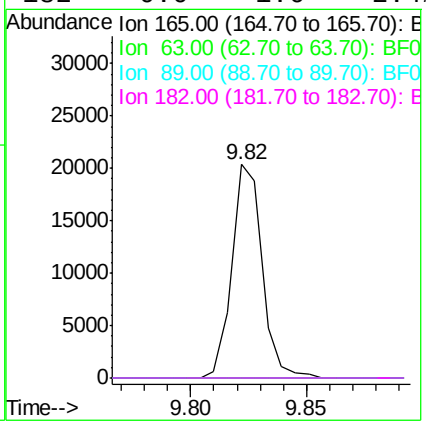


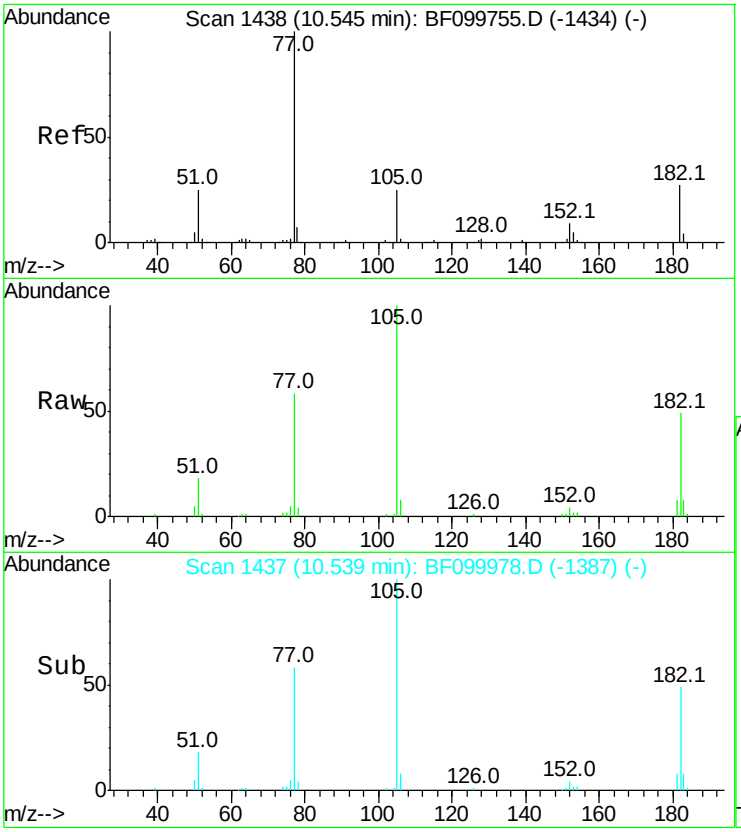


#56
2,4-Dinitrotoluene
Concen: 6.231 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.23 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:165 Resp: 18622

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



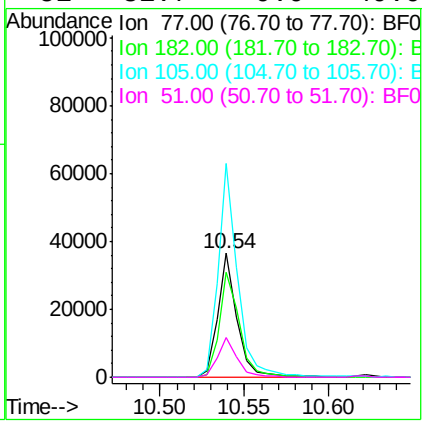


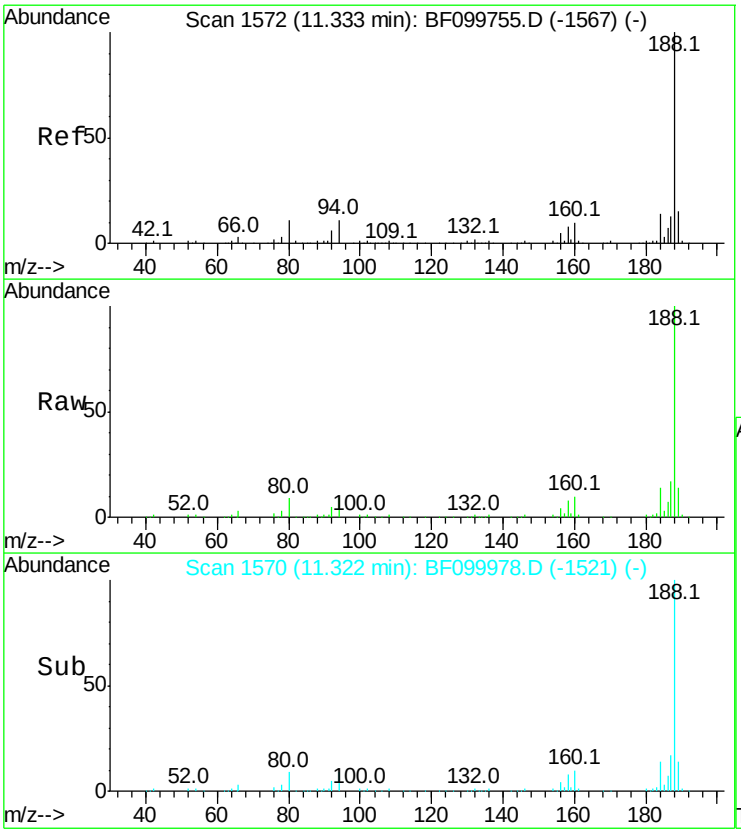
#62
Azobenzene
Concen: 3.016 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 29144

Ion	Ratio	Lower	Upper
77	100		
182	84.6	1.7	41.7#
105	172.6	3.0	43.0#
51	31.7	9.9	49.9

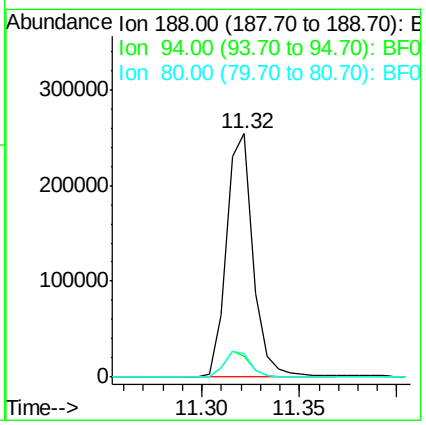


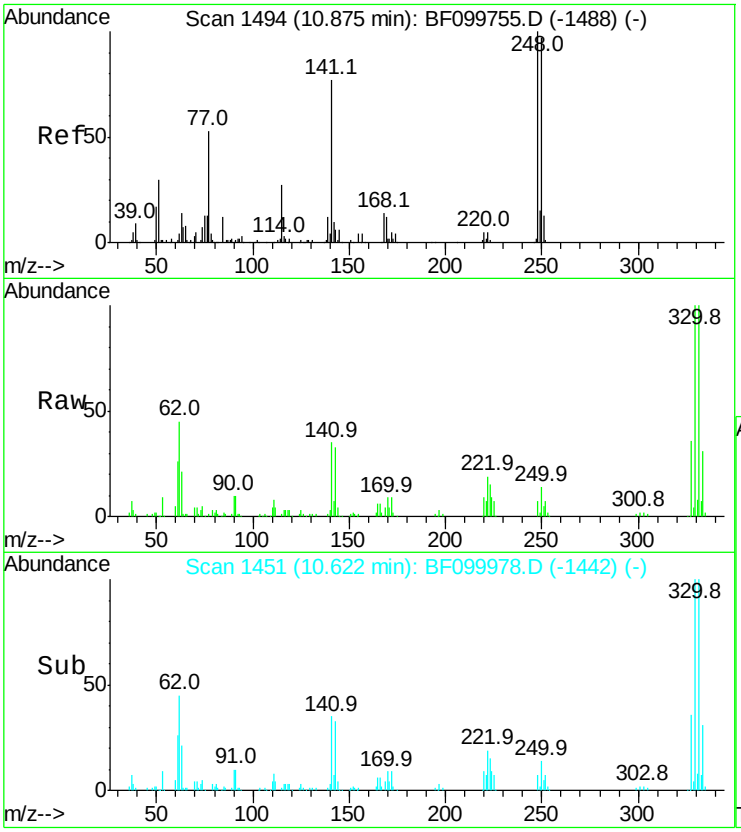


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:188 Resp: 241506

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.5	12.7
80	9.5	9.2	13.8



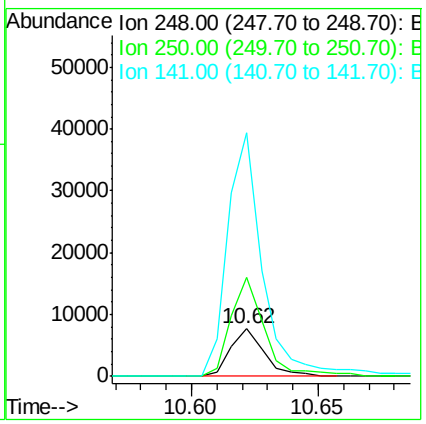


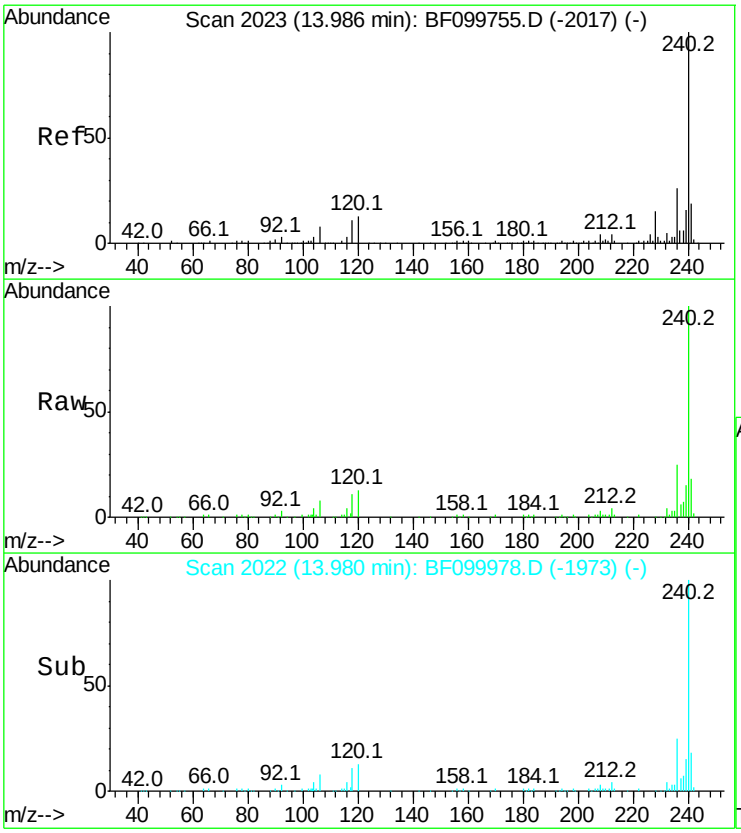
#66
4-Bromophenyl-phenylether
Concen: 2.809 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7143

Ion	Ratio	Lower	Upper
248	100		
250	207.7	76.9	115.3#
141	510.7	74.4	111.6#

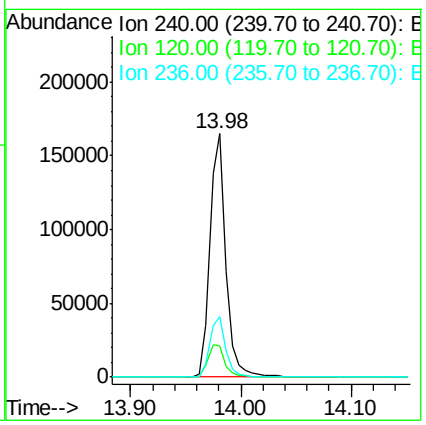


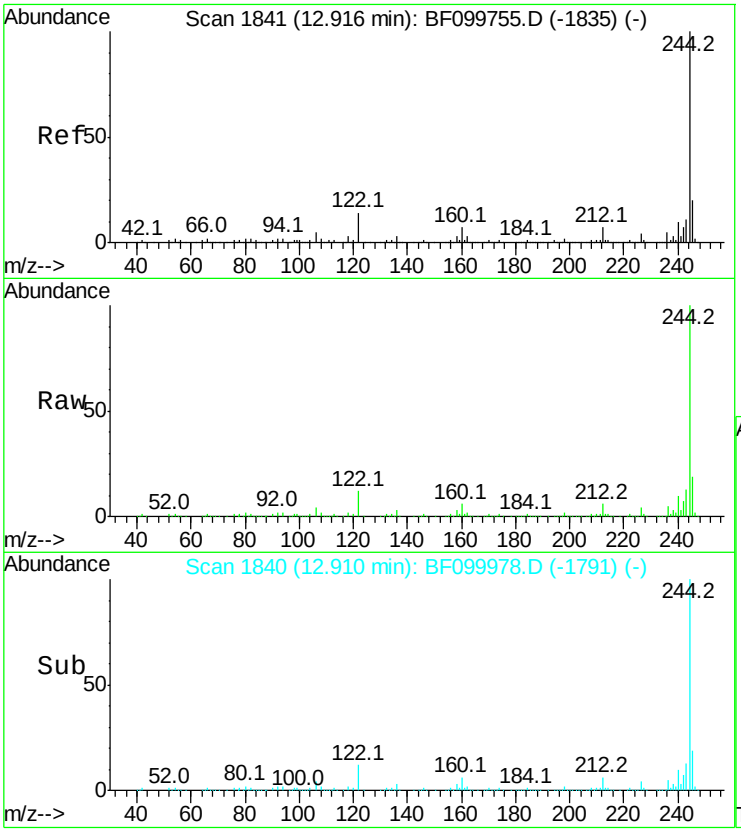


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:240 Resp: 161220

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	24.7	20.7	31.1



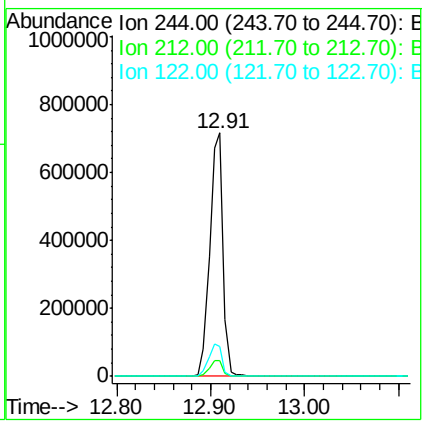


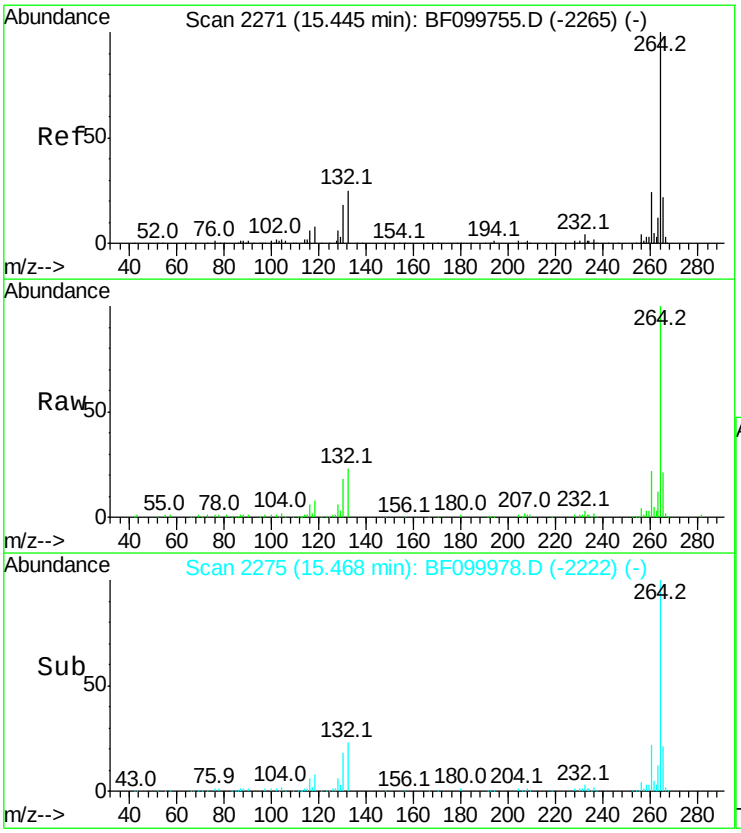
#78
Terphenyl-d14
Concen: 97.145 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 716661

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.0	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099978.D
Acq: 31 Oct 2017 00:12

Tgt Ion:264 Resp: 146694

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.4	17.5	26.3