Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
Data File : BF112659.D
Acq On : 21 Feb 2019 18:12
Operator : JU/SJ
Sample : K1538-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M-11-A-D

Quant Time: Feb 21 21:48:58 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	92111	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	355454	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	172623	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	322826	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	207874	20.00	ng	-0.01
87) Perylene-d12	15.47	264	191103	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	633830	146.16	ng	-0.01
7) Phenol-d6	6.47	99	693499	115.09	ng	-0.02
23) Nitrobenzene-d5	7.39	82	605591	98.17	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	295073	146.85	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1205915	98.80	ng	-0.03
79) Terphenyl-d14	12.93	244	1172386	106.22	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	82900	19.951	ng	# 77
25) Isophorone	7.39	82	605587	62.575	ng	# 63
51) 2,6-Dinitrotoluene	9.86	165	21725	7.233	ng	# 35
57) 2,4-Dinitrotoluene	9.86	165	21725	5.681	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	17837	4.698	ng	# 1
77) Benzidine	12.93	184	17066	2.983	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022119\
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M-11-A-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
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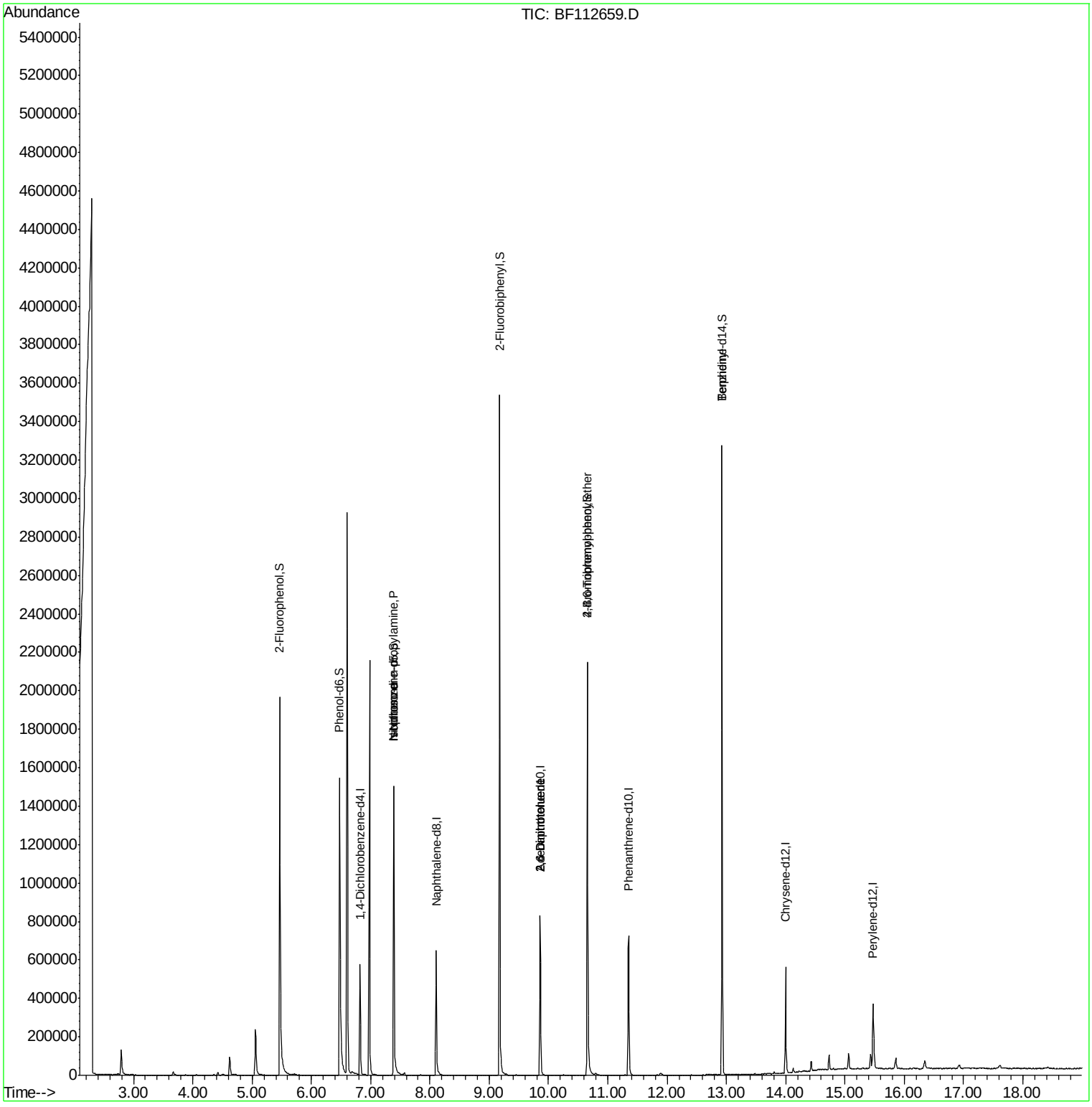
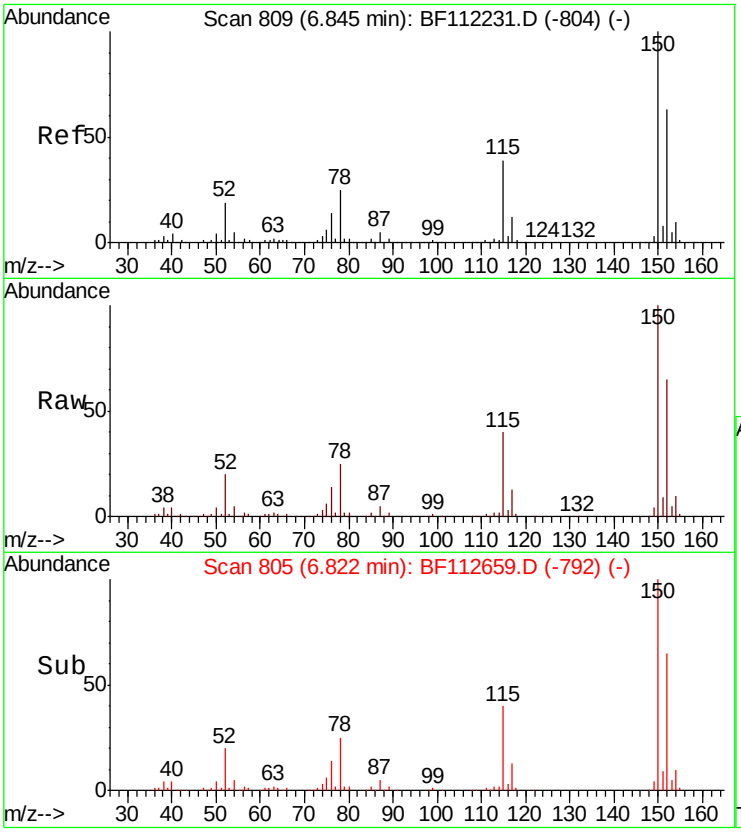


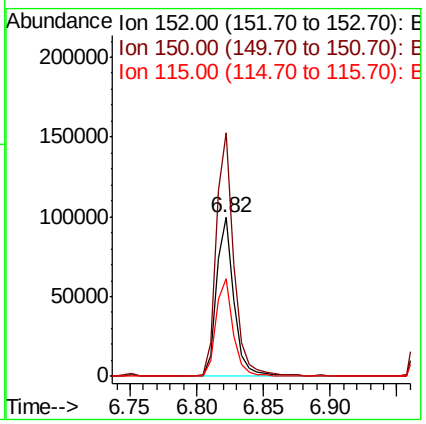


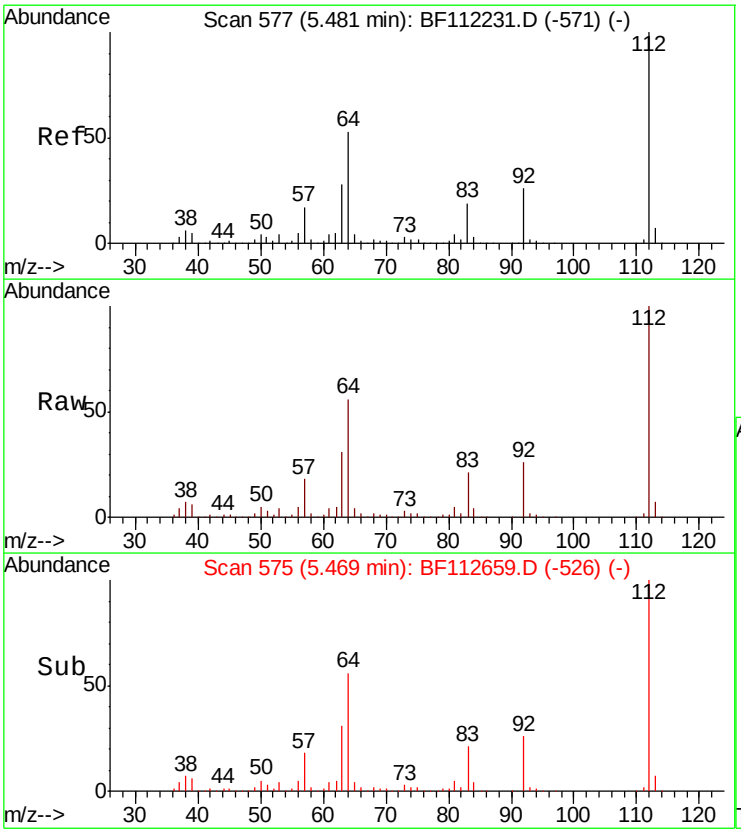
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:152 Resp: 92111

Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	61.5	45.5	68.3

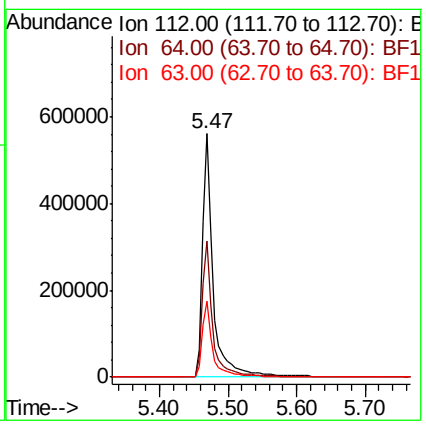


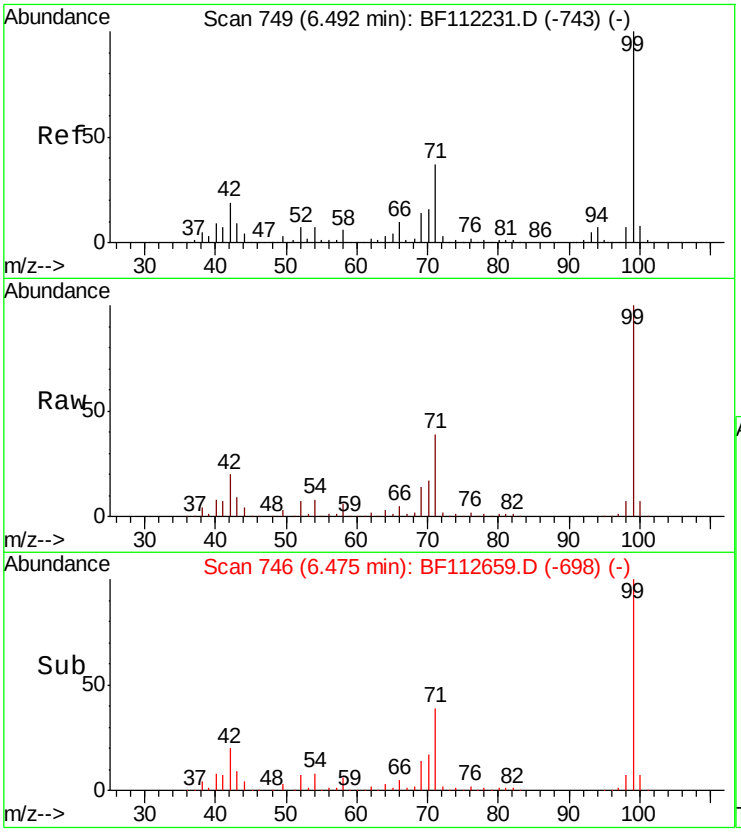


#5
2-Fluorophenol
Concen: 146.160 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:112 Resp: 633830

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	31.1	23.6	35.4



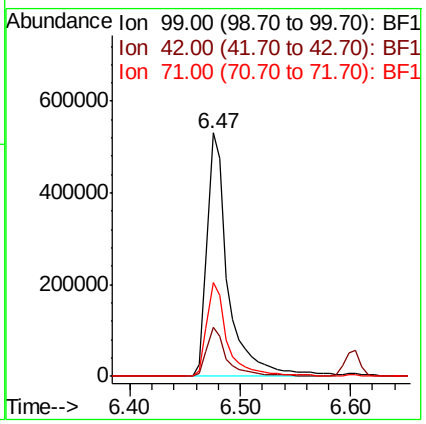


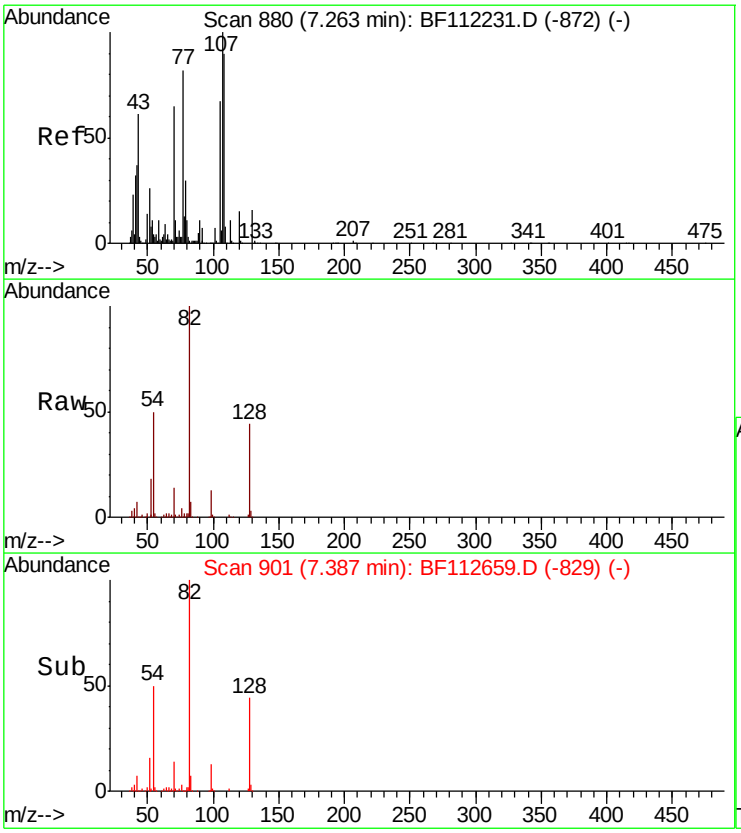
#7
Phenol-d6
Concen: 115.087 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion: 99 Resp: 693499

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.1	22.7
71	38.7	26.9	40.3

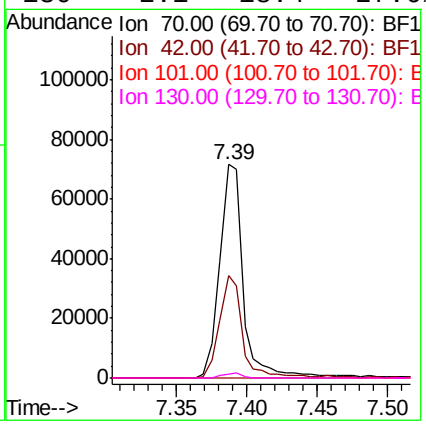


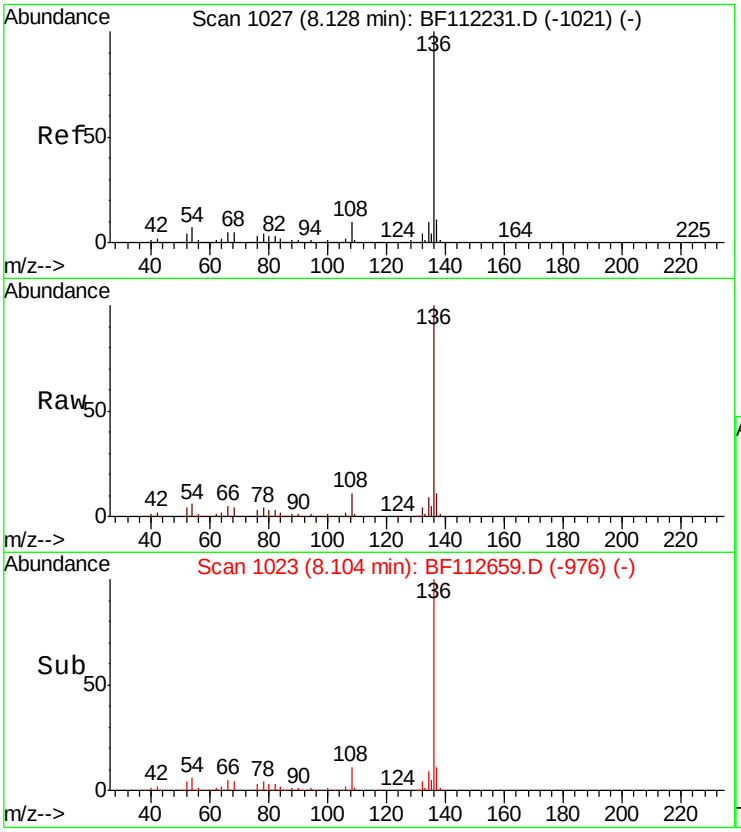


#19
n-Nitroso-di-n-propylamine
Concen: 19.951 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion: 70 Resp: 82900

Ion	Ratio	Lower	Upper
70	100		
42	48.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



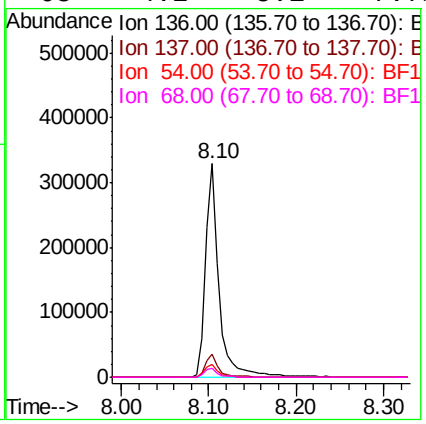


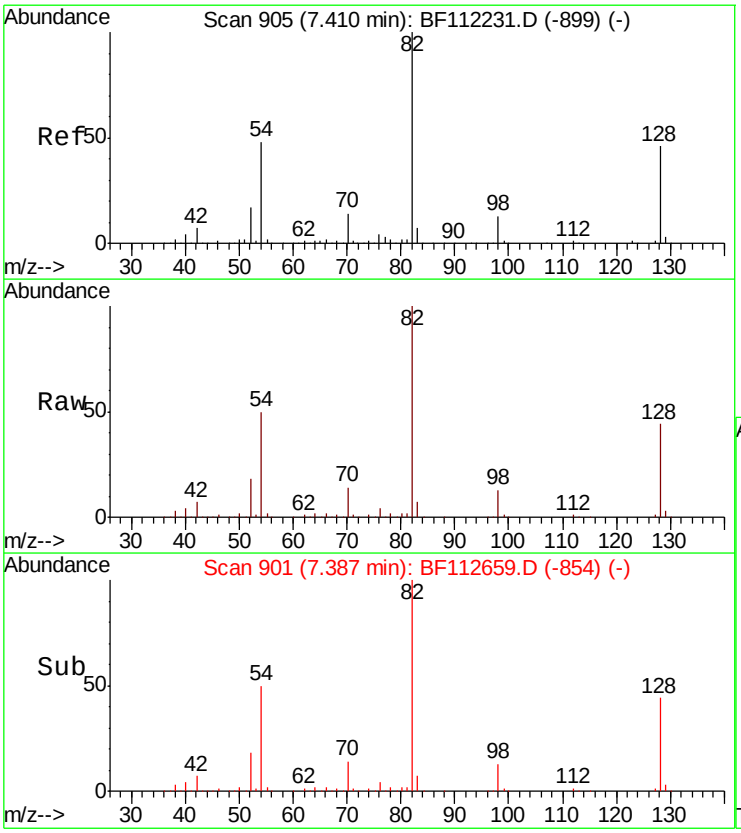
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:136 Resp: 355454

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.2	5.9	8.9
68	4.2	5.1	7.7#

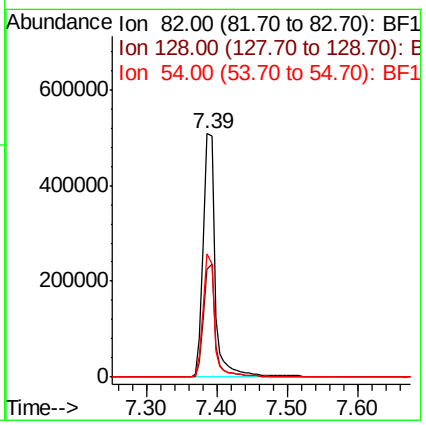


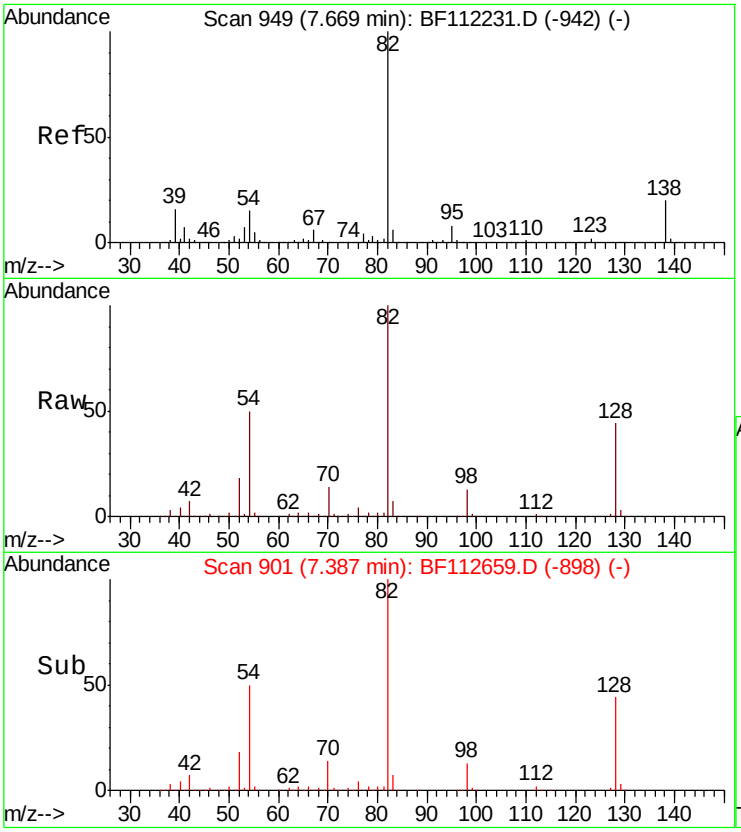


#23
Nitrobenzene-d5
Concen: 98.167 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion: 82 Resp: 605591

Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.8	56.8
54	50.4	39.7	59.5



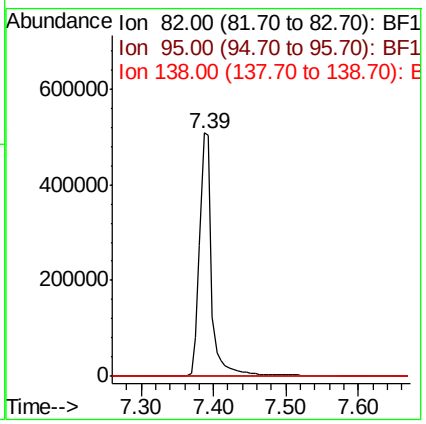


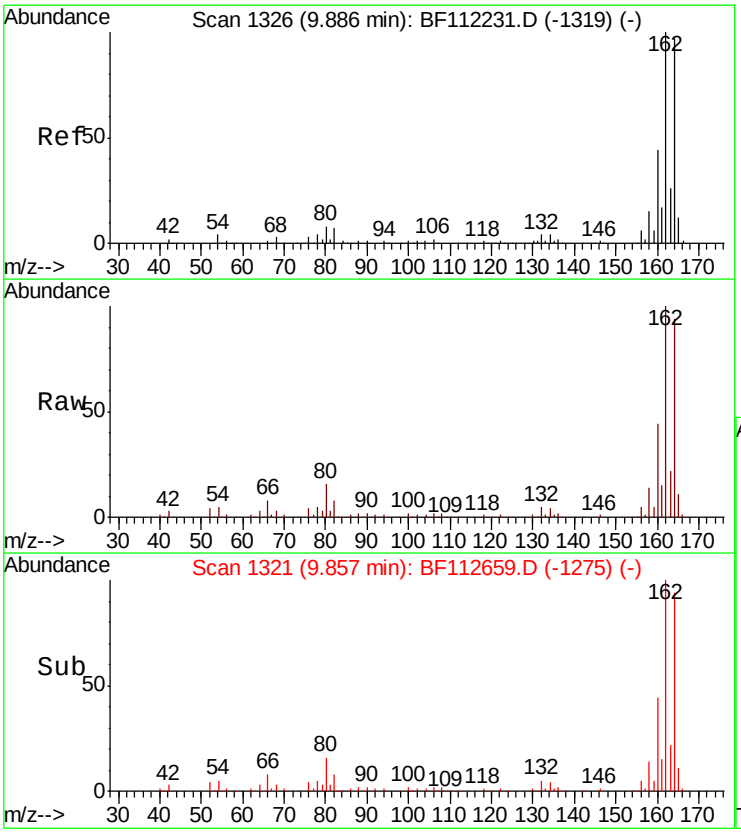
#25
Isophorone
Concen: 62.575 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion: 82 Resp: 605587

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

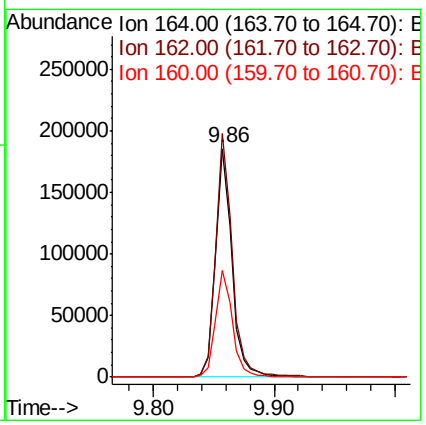


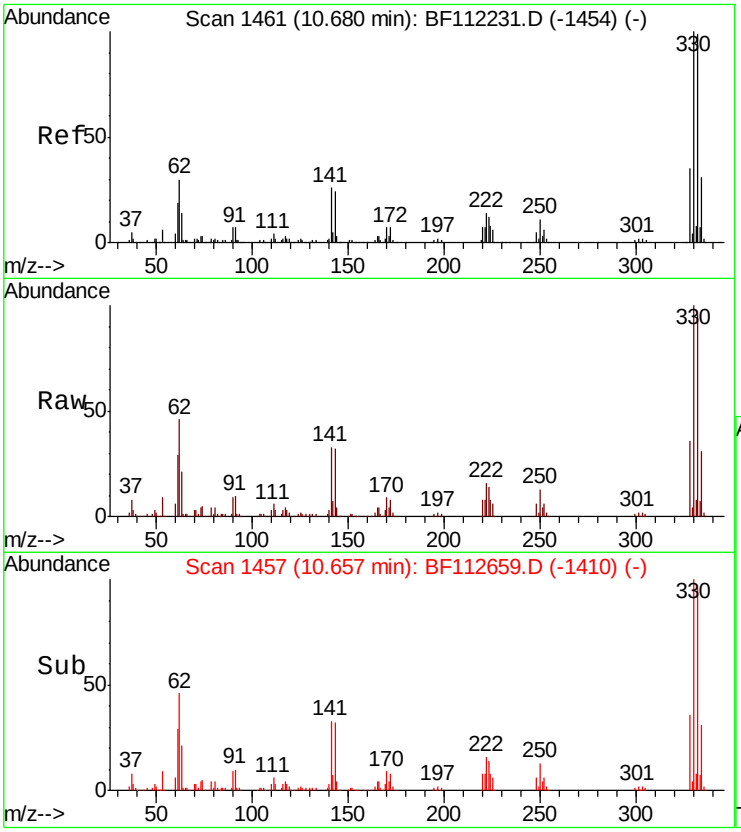


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:164 Resp: 172623

Ion	Ratio	Lower	Upper
164	100		
162	106.4	82.2	123.4
160	46.4	36.2	54.4



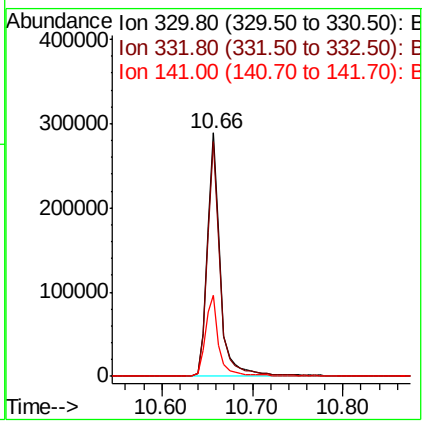


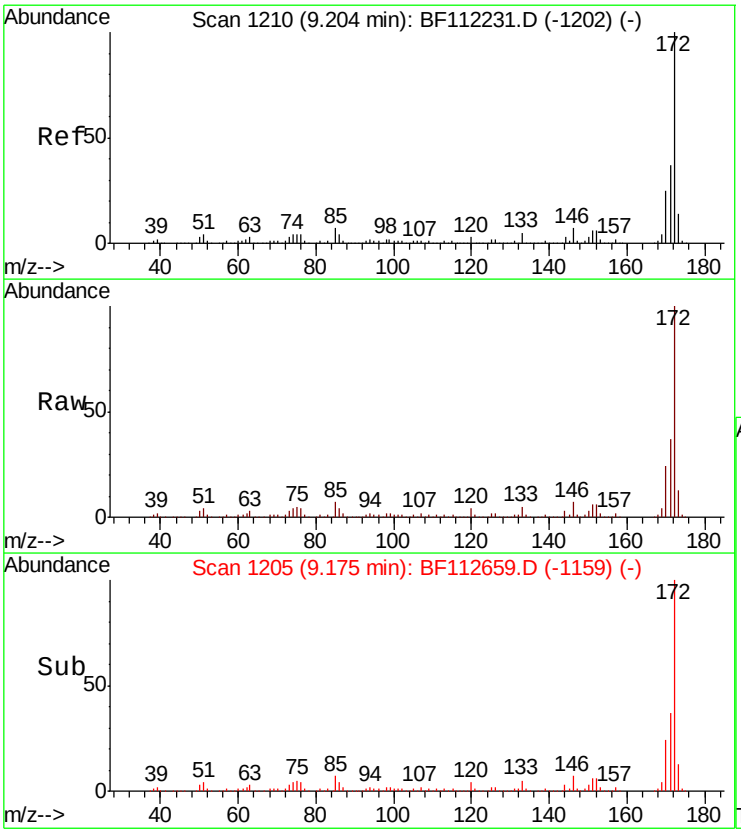
#42
2,4,6-Tribromophenol
Concen: 146.855 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:330 Resp: 295073

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	34.5	24.3	36.5

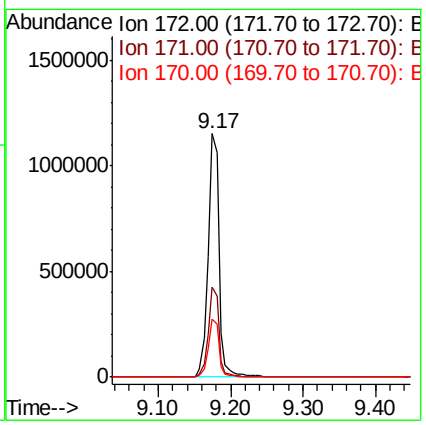


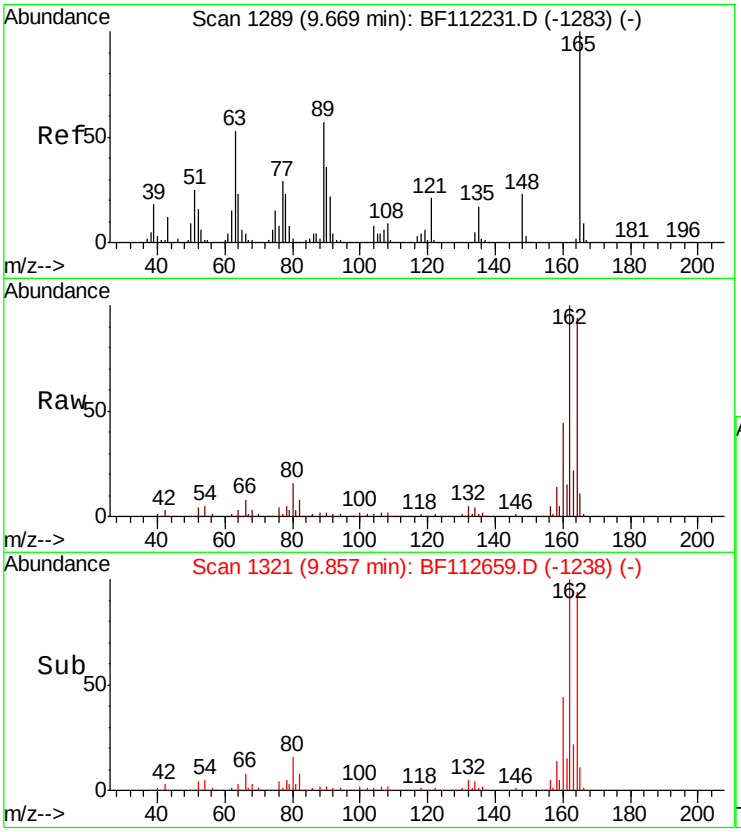


#45
2-Fluorobiphenyl
Concen: 98.803 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:172 Resp: 1205915

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.7	20.2	30.4



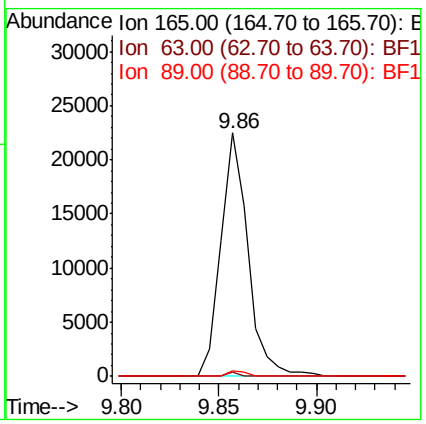


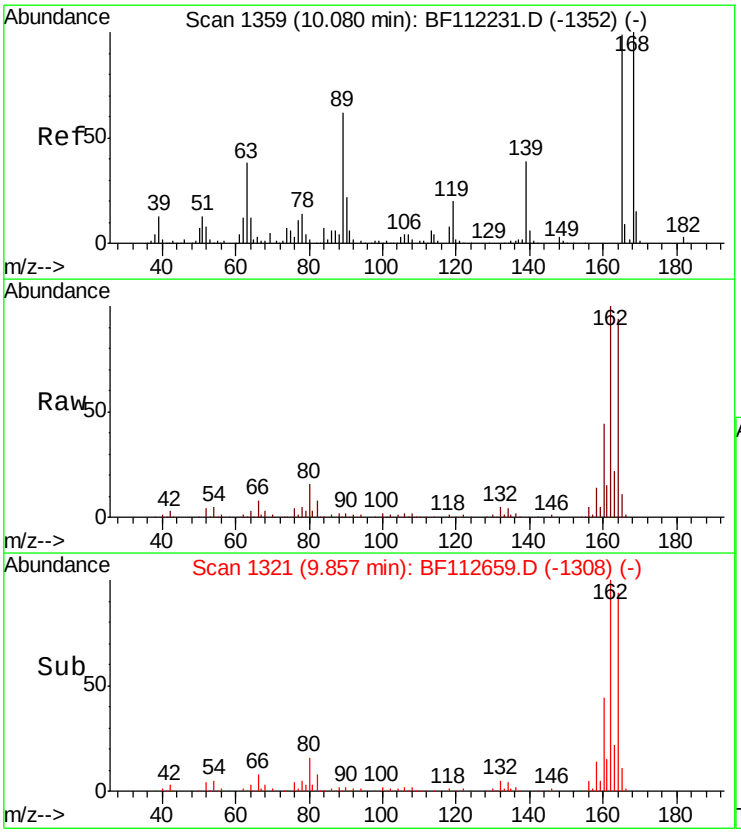
#51
2,6-Dinitrotoluene
Concen: 7.233 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.19 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:165 Resp: 21725

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	2.2	36.9	55.3#

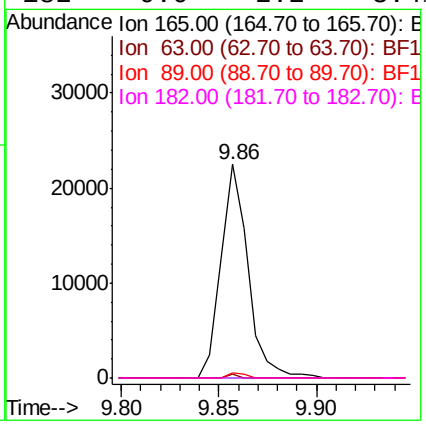


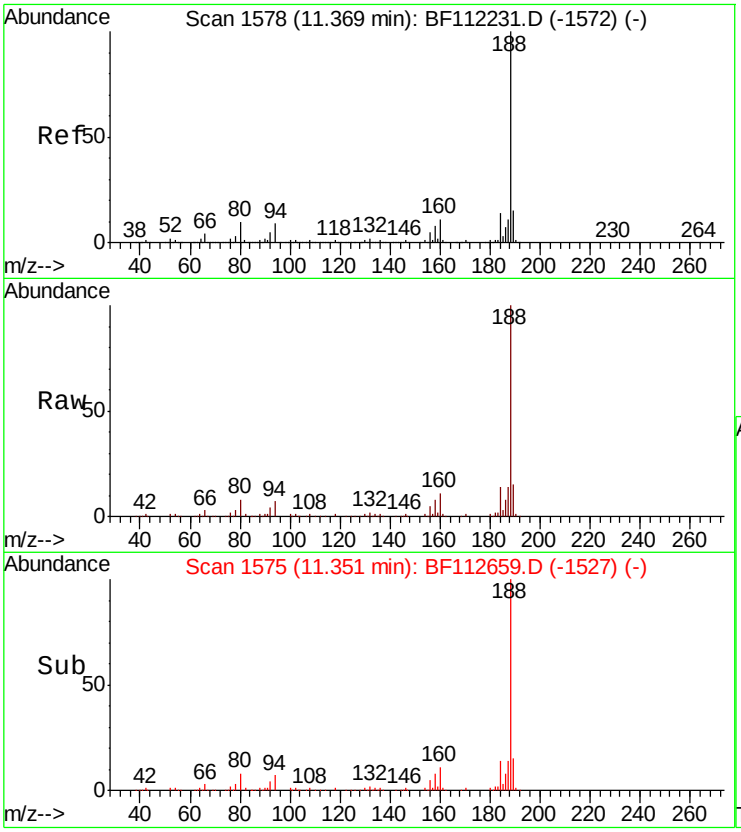


#57
2,4-Dinitrotoluene
Concen: 5.681 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.22 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:165 Resp: 21725

Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	2.2	47.9	71.9#
182	0.0	2.2	3.4#



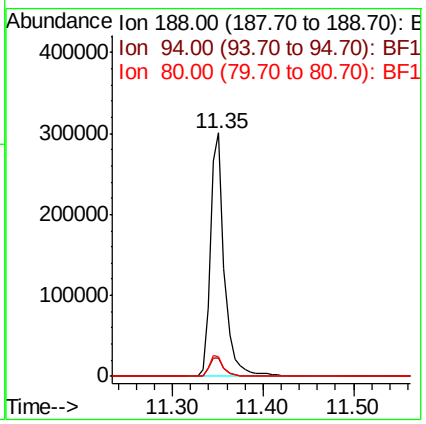


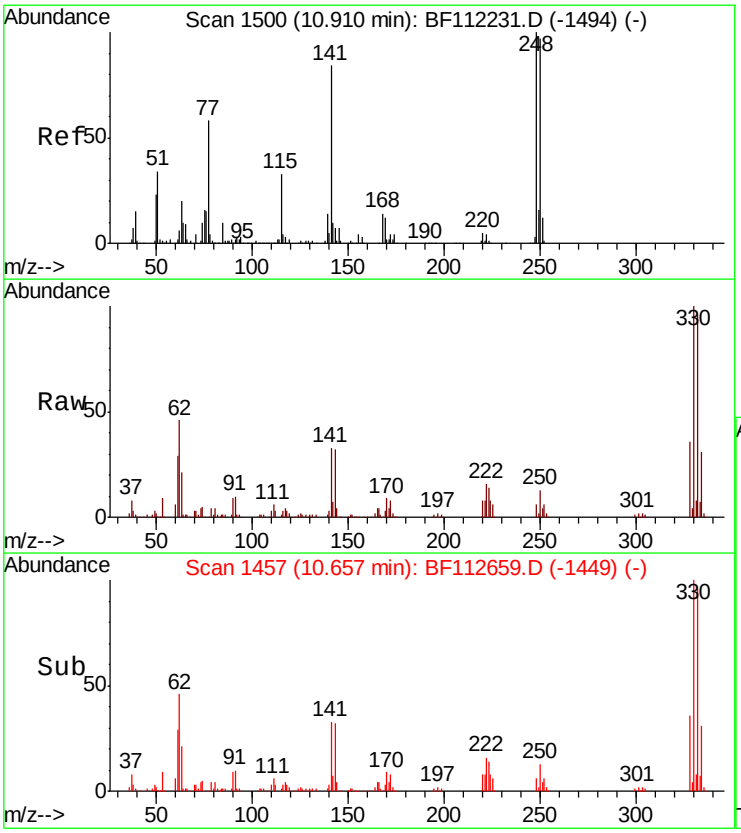
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:188 Resp: 322826

Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.2	12.2#
80	8.0	8.9	13.3#

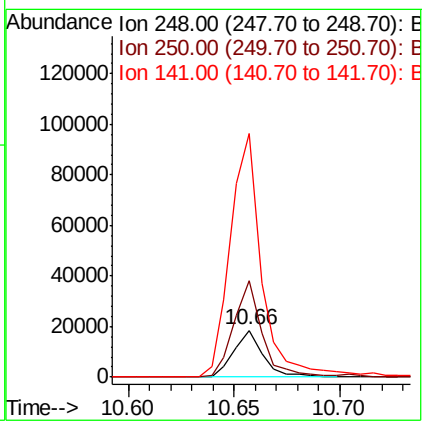


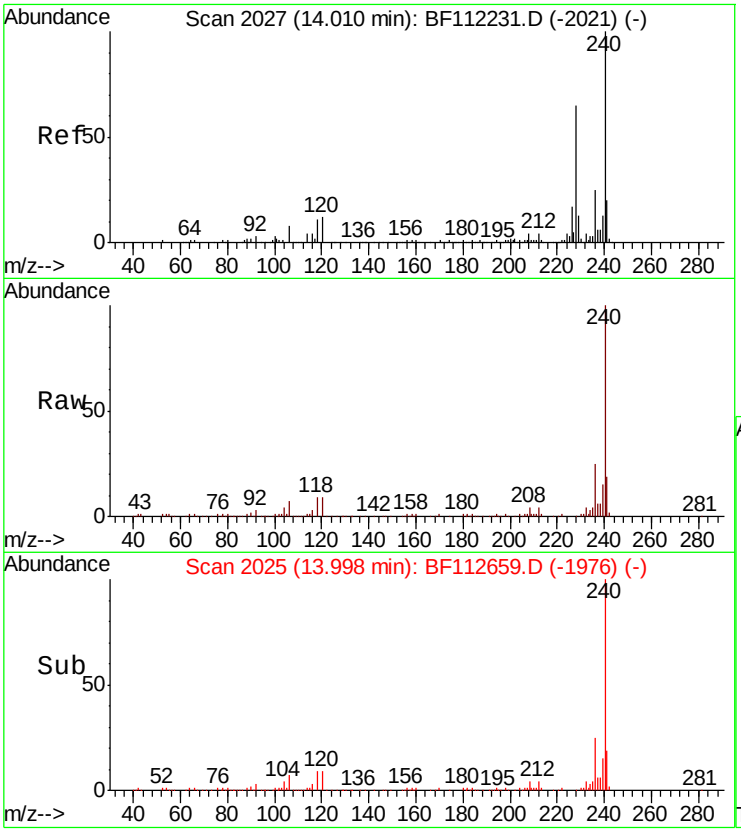


#67
4-Bromophenyl-phenylether
Concen: 4.698 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:248 Resp: 17837

Ion	Ratio	Lower	Upper
248	100		
250	205.3	79.7	119.5#
141	518.8	60.3	90.5#



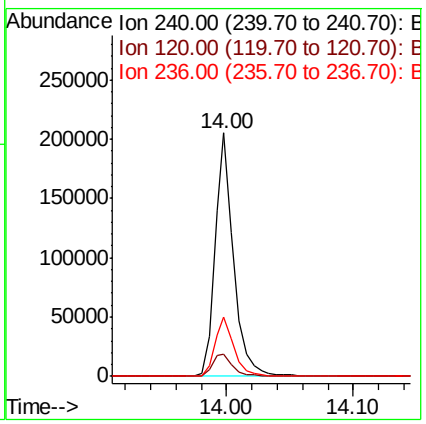


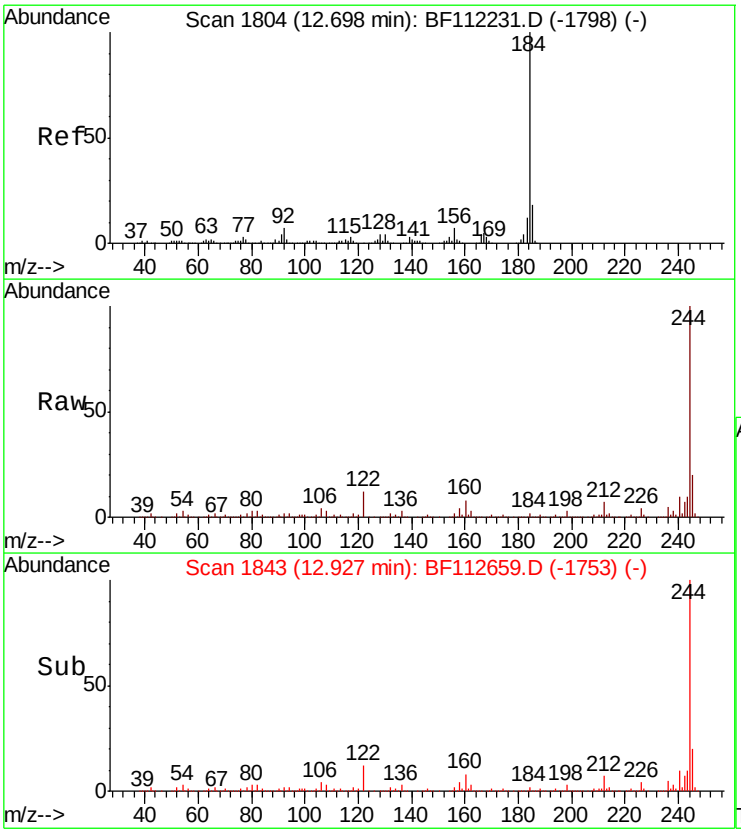
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:240 Resp: 207874

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.0	13.6
236	24.5	20.7	31.1

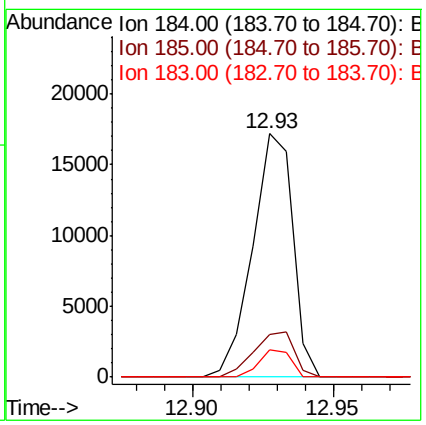


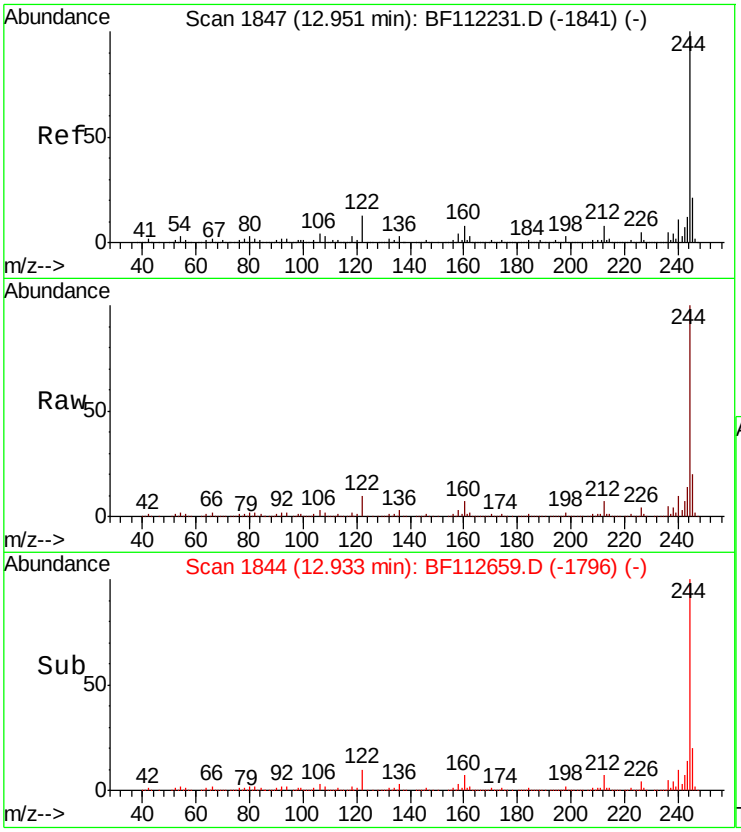


#77
Benzidine
Concen: 2.983 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.23 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:184 Resp: 17066

Ion	Ratio	Lower	Upper
184	100		
185	17.5	13.9	20.9
183	11.2	10.0	15.0



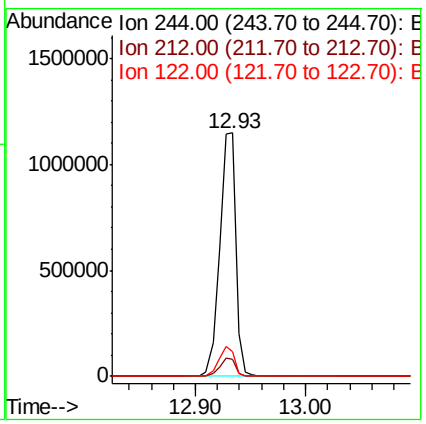


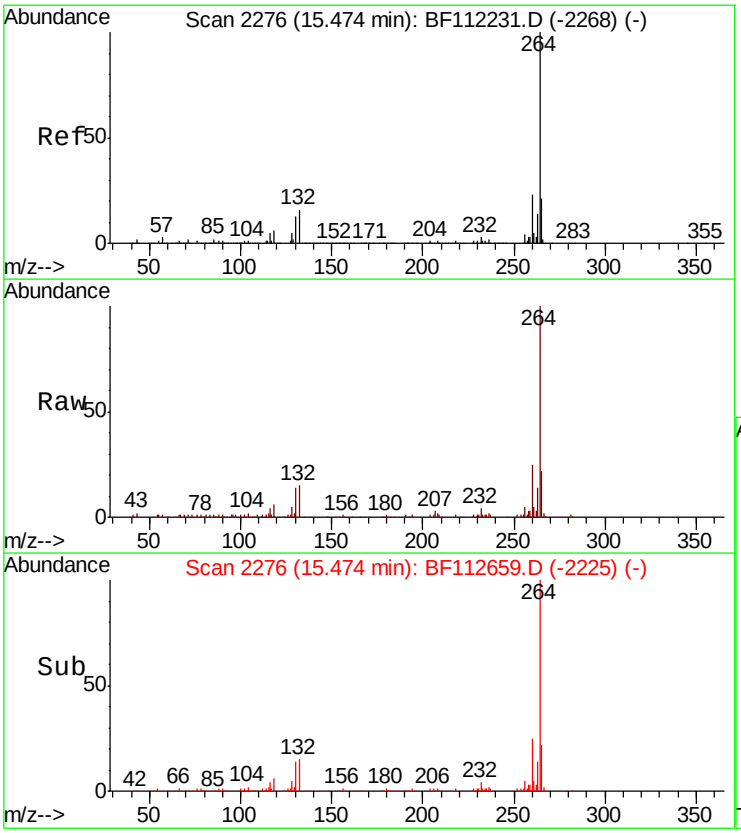
#79
Terphenyl-d14
Concen: 106.224 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Instrument :
BNA_F
ClientSampleId :
M-11-A-D

Tgt Ion:244 Resp: 1172386

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.9	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112659.D
Acq: 21 Feb 2019 18:12

Tgt Ion:264 Resp: 191103

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	21.8	17.0	25.4