Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
Data File : BF112680.D
Acq On : 22 Feb 2019 22:28
Operator : JU/SJ
Sample : K1570-03RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 25-25RE

Quant Time: Feb 22 22:56:20 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	82590	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	304905	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	132637	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	194523	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	149573	20.00	ng		-0.03
87) Perylene-d12	15.45	264	143187	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	180307	46.37	ng		0.00
7) Phenol-d6	6.49	99	129352	23.94	ng		0.00
23) Nitrobenzene-d5	7.39	82	528841	99.94	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	130014	84.21	ng		-0.04
45) 2-Fluorobiphenyl	9.17	172	1022048	108.98	ng		-0.04
79) Terphenyl-d14	12.91	244	544784	68.60	ng		-0.04
Target Compounds							Qvalue
15) Benzyl Alcohol	6.97	79	158511	34.802	ng		92
17) 2-Methylphenol	6.97	107	76939	18.555	ng	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	72597	19.486	ng	#	76
25) Isophorone	7.63	82	20295	2.445	ng	#	96
50) Dimethylphthalate	9.56	163	63292	6.142	ng		98
57) 2,4-Dinitrotoluene	9.85	165	16959	5.772	ng	#	33
67) 4-Bromophenyl-phenylether	10.65	248	7305	3.193	ng	#	1
69) Atrazine	11.14	200	7627	3.605	ng	#	38
77) Benzidine	12.91	184	8298	2.016	ng		95

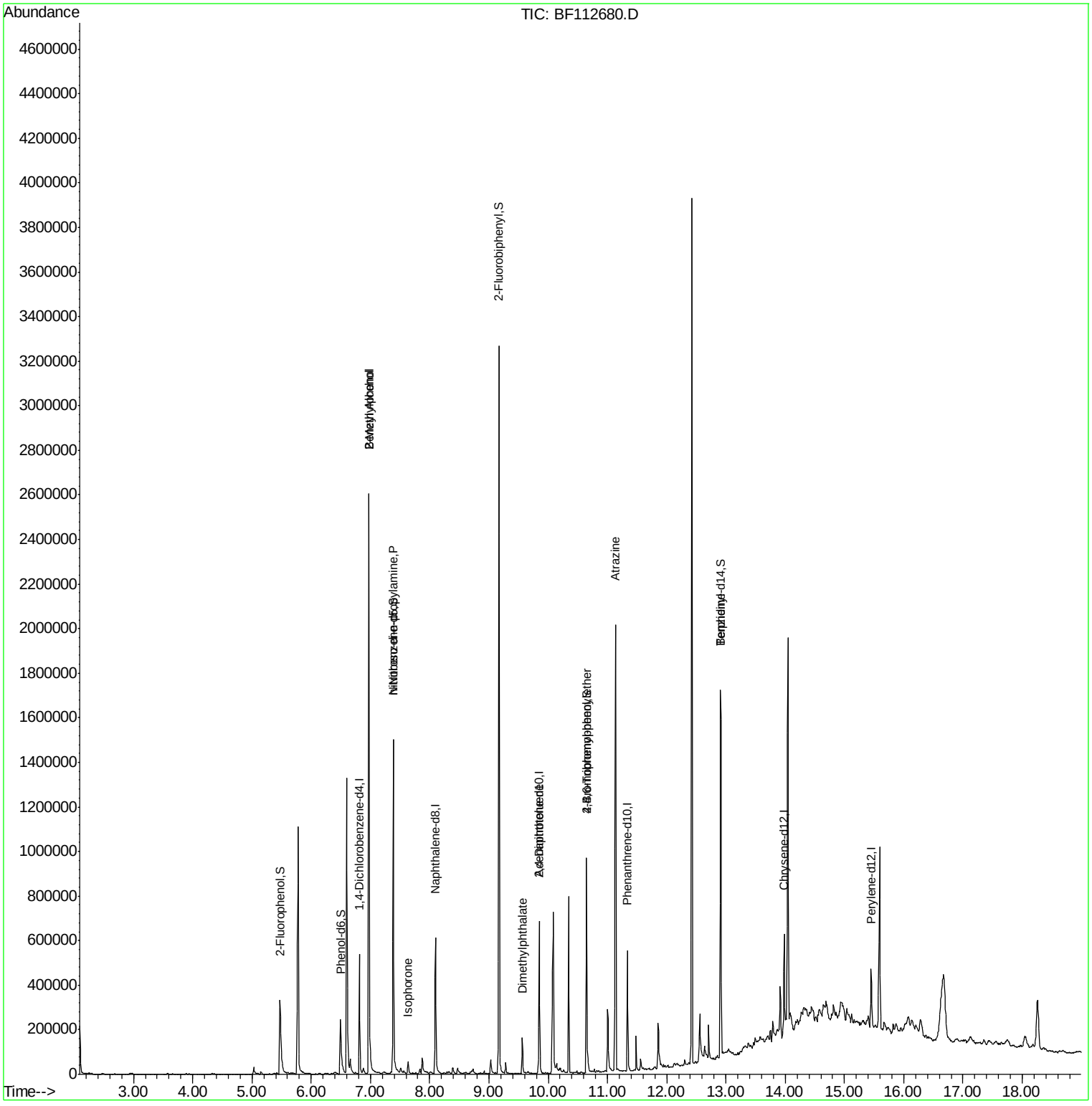
(#) = qualifier out of range (m) = manual integration (+) = signals summed

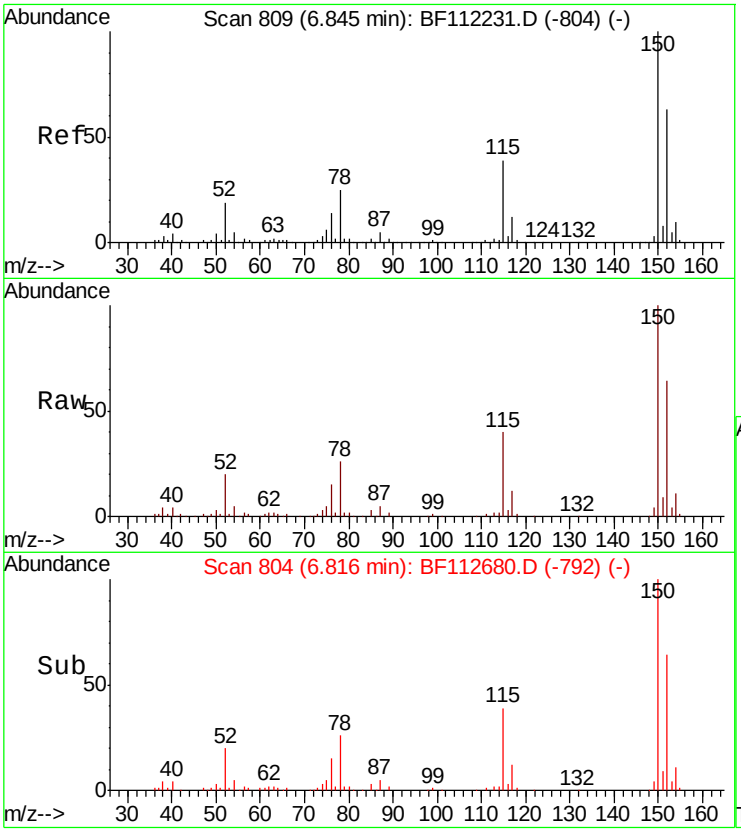
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
Data File : BF112680.D
Acq On : 22 Feb 2019 22:28
Operator : JU/SJ
Sample : K1570-03RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 25-25RE

Quant Time: Feb 22 22:56:20 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



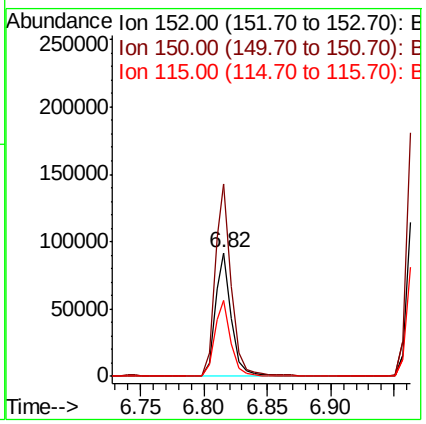


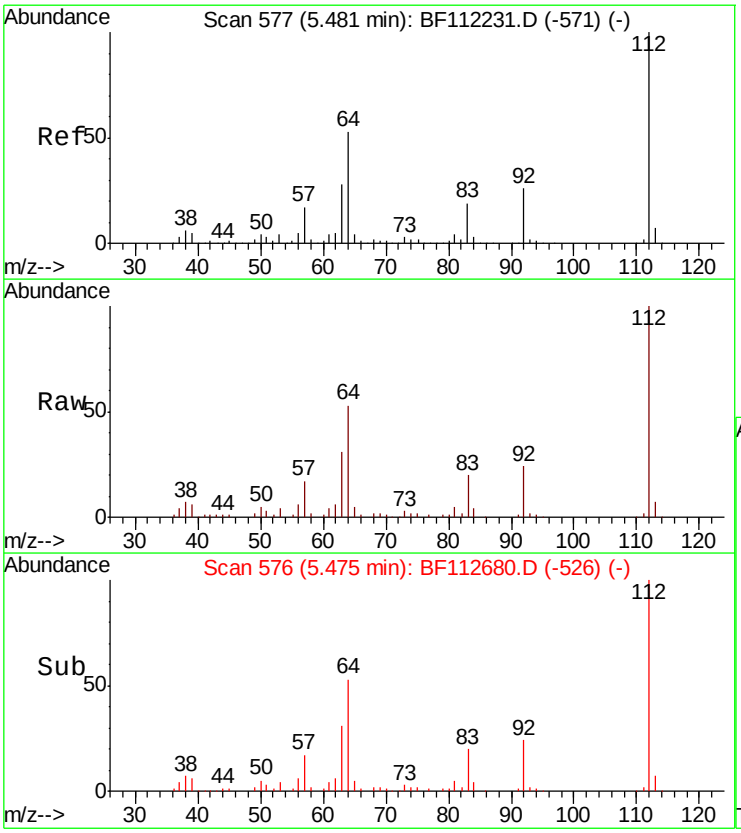
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:152 Resp: 82590

Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.4	191.0
115	61.5	45.5	68.3

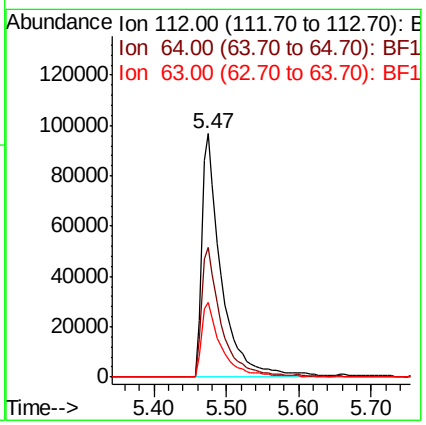


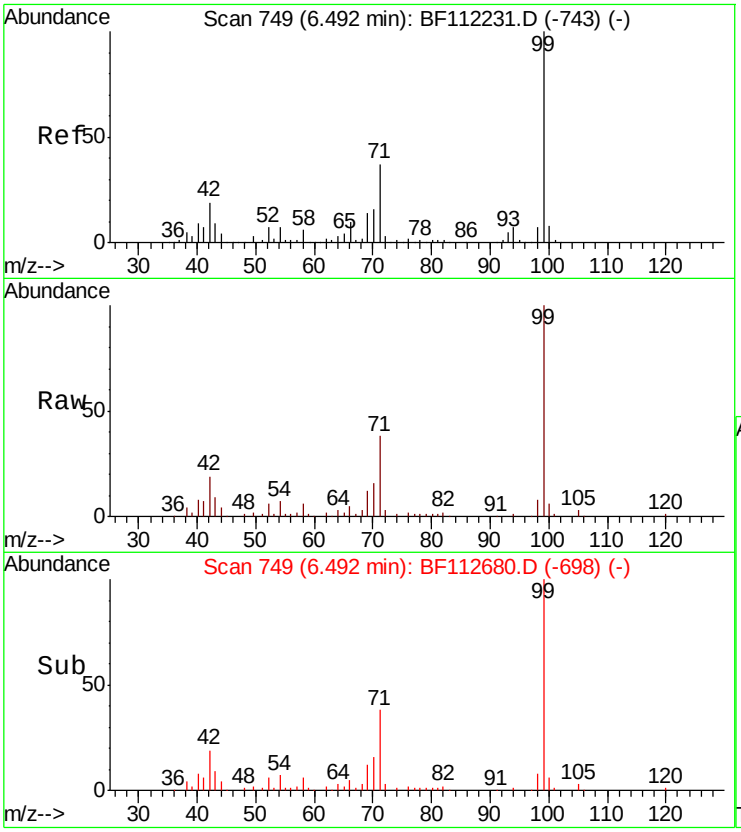


#5
2-Fluorophenol
Concen: 46.372 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:112 Resp: 180307

Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.7	68.5
63	30.6	23.6	35.4



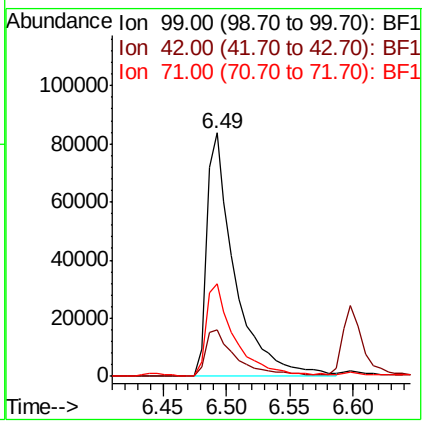


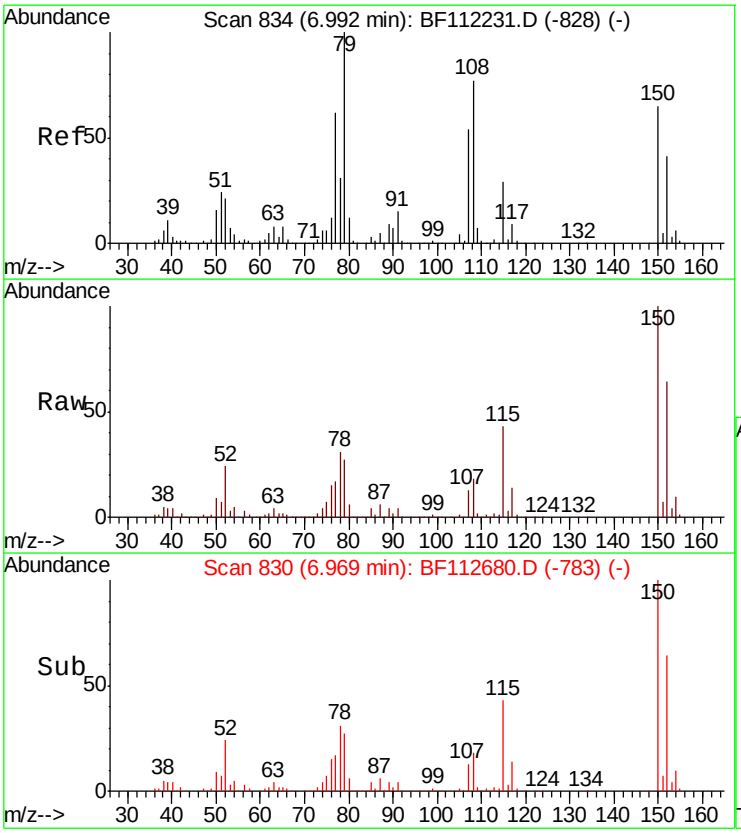
#7
Phenol-d6
Concen: 23.941 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion: 99 Resp: 129352

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.1	22.7
71	38.2	26.9	40.3

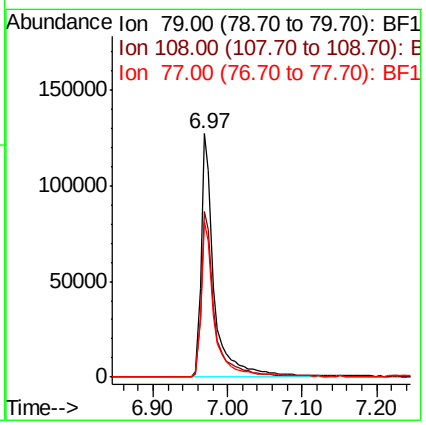


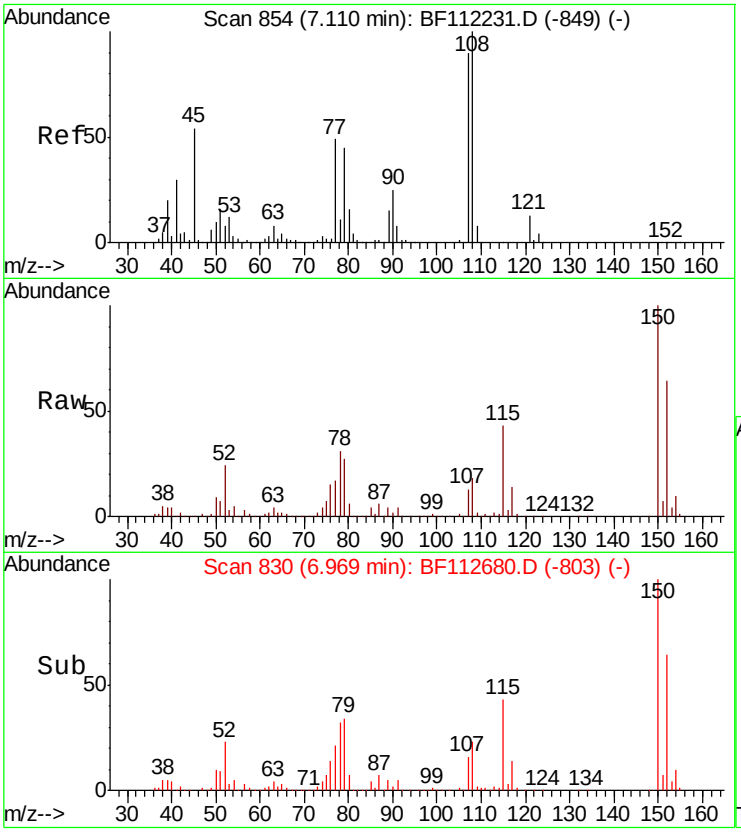


#15
Benzyl Alcohol
Concen: 34.802 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion: 79 Resp: 158511

Ion	Ratio	Lower	Upper
79	100		
108	68.0	64.2	96.2
77	64.0	50.3	75.5



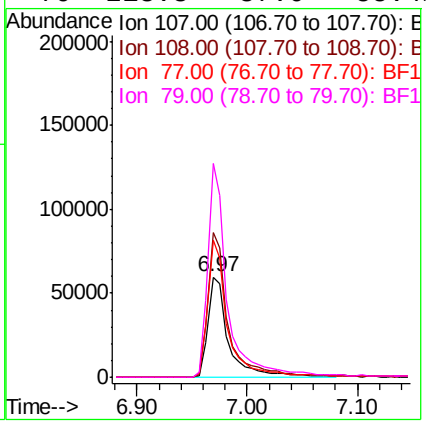


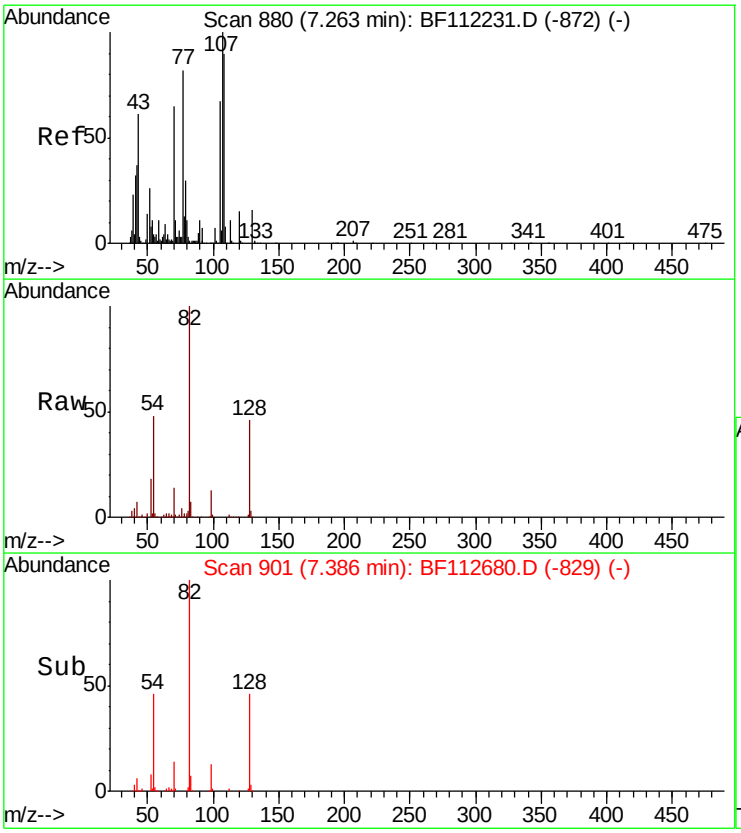
#17
2-Methylphenol
Concen: 18.555 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.14 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:107 Resp: 76939

Ion	Ratio	Lower	Upper
107	100		
108	145.0	91.3	136.9#
77	136.5	39.0	58.6#
79	213.3	37.0	55.4#

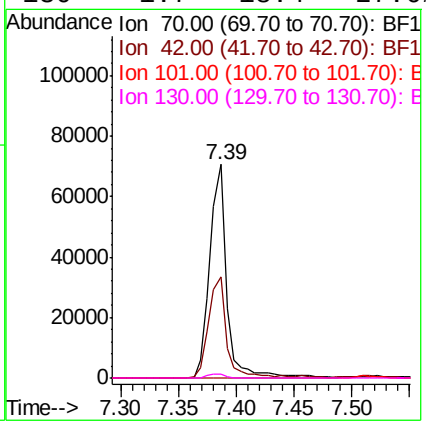


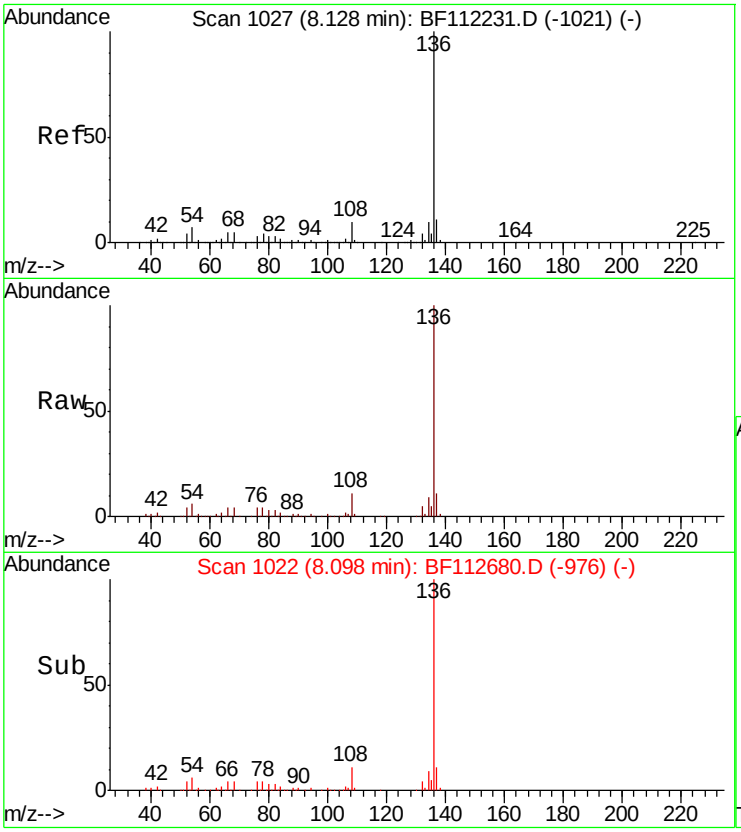


#19
n-Nitroso-di-n-propylamine
Concen: 19.486 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion: 70 Resp: 72597

Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.6	71.4#
101	0.0	7.9	11.9#
130	1.7	18.4	27.6#



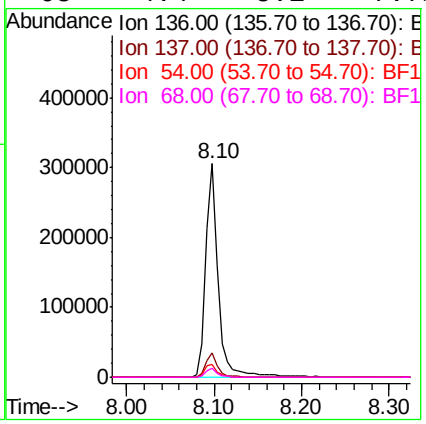


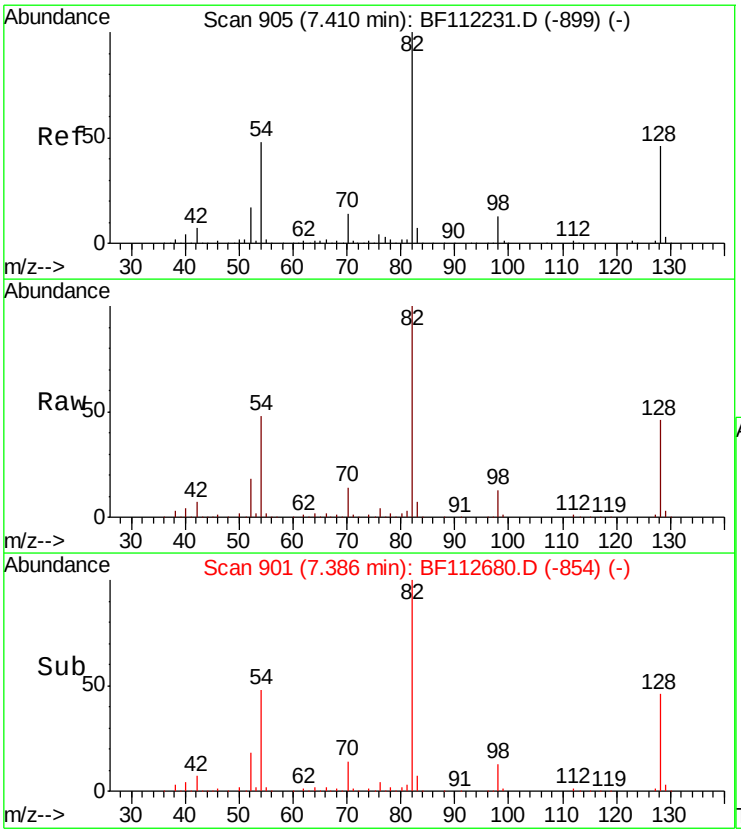
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:136 Resp: 304905

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.0	5.9	8.9
68	4.4	5.1	7.7#

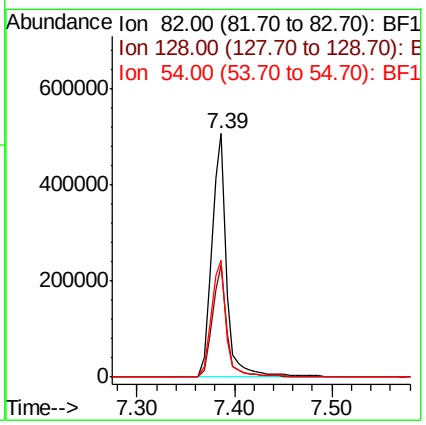


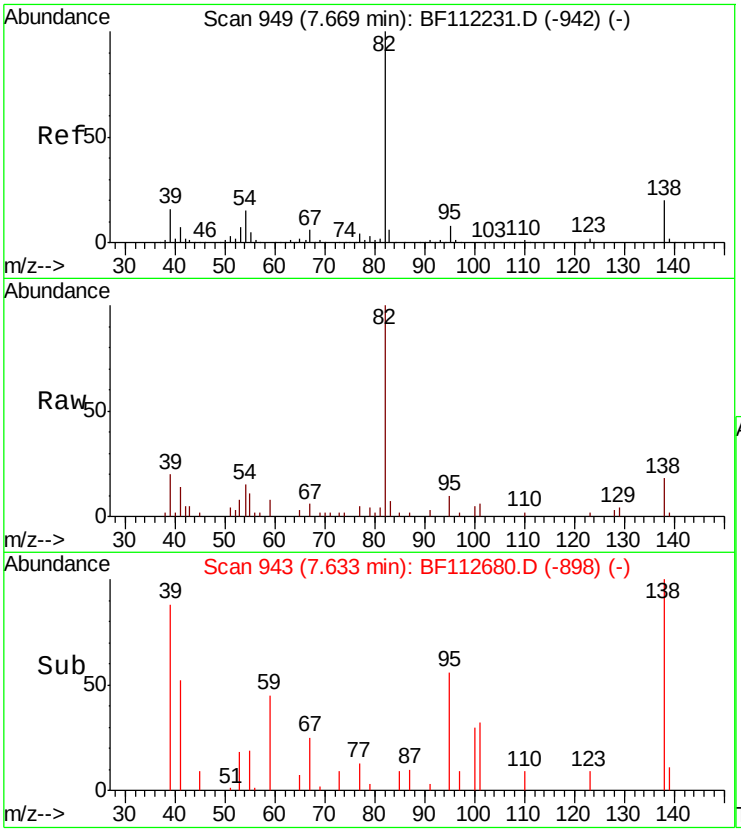


#23
Nitrobenzene-d5
Concen: 99.938 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion: 82 Resp: 528841

Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.8	56.8
54	48.2	39.7	59.5



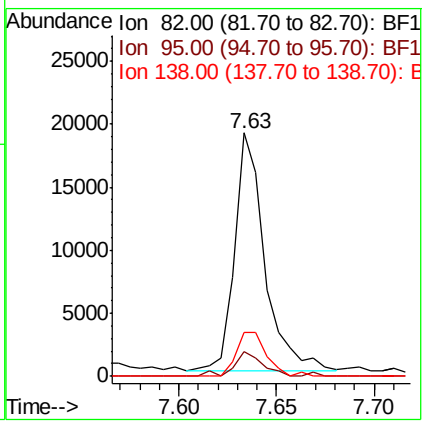


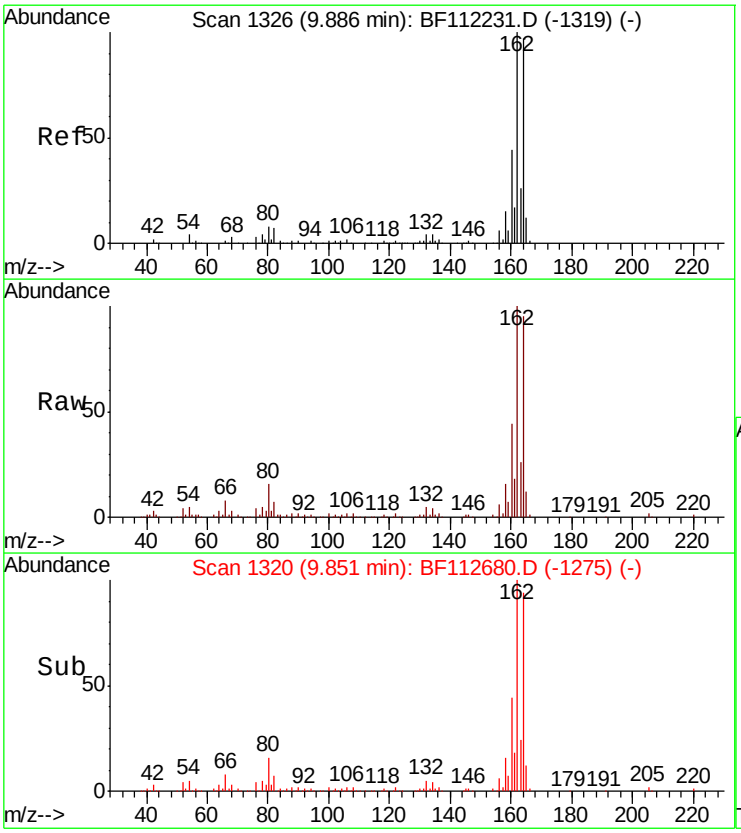
#25
Isophorone
Concen: 2.445 ng
RT: 7.63 min Scan# 943
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion: 82 Resp: 20295

Ion	Ratio	Lower	Upper
82	100		
95	10.2	5.7	8.5#
138	18.1	15.4	23.0

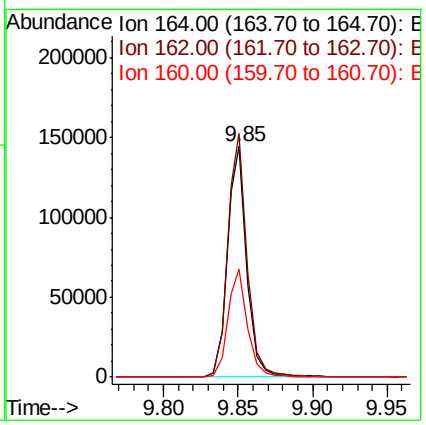


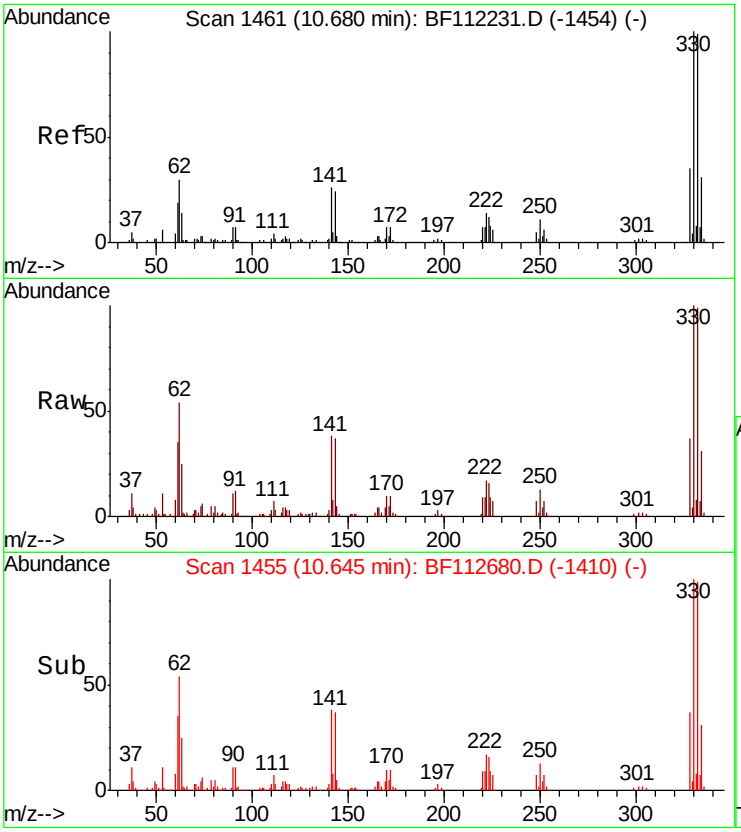


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:164 Resp: 132637

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.2	123.4
160	46.8	36.2	54.4



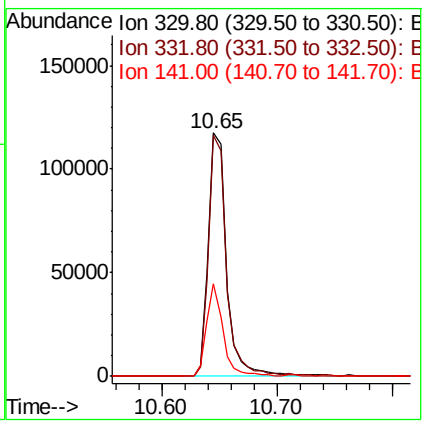


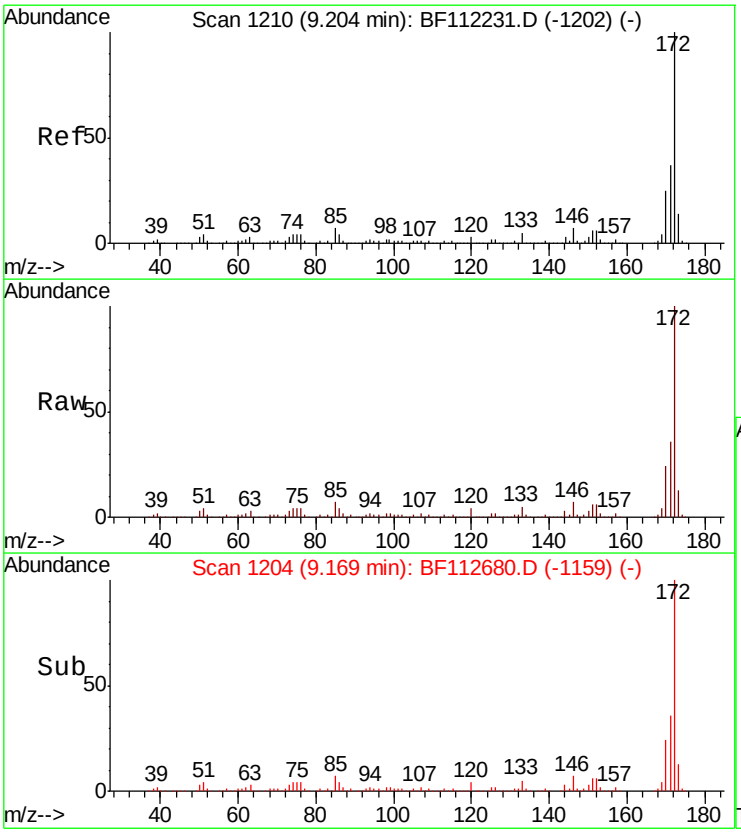
#42
2,4,6-Tribromophenol
Concen: 84.214 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:330 Resp: 130014

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	34.3	24.3	36.5

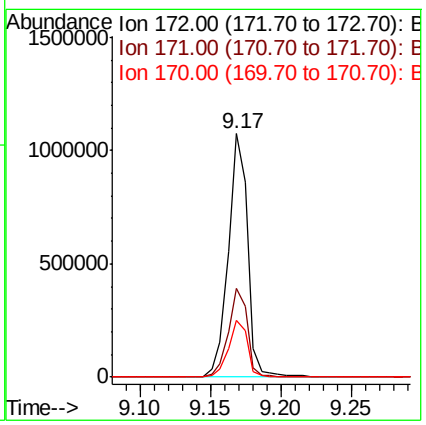


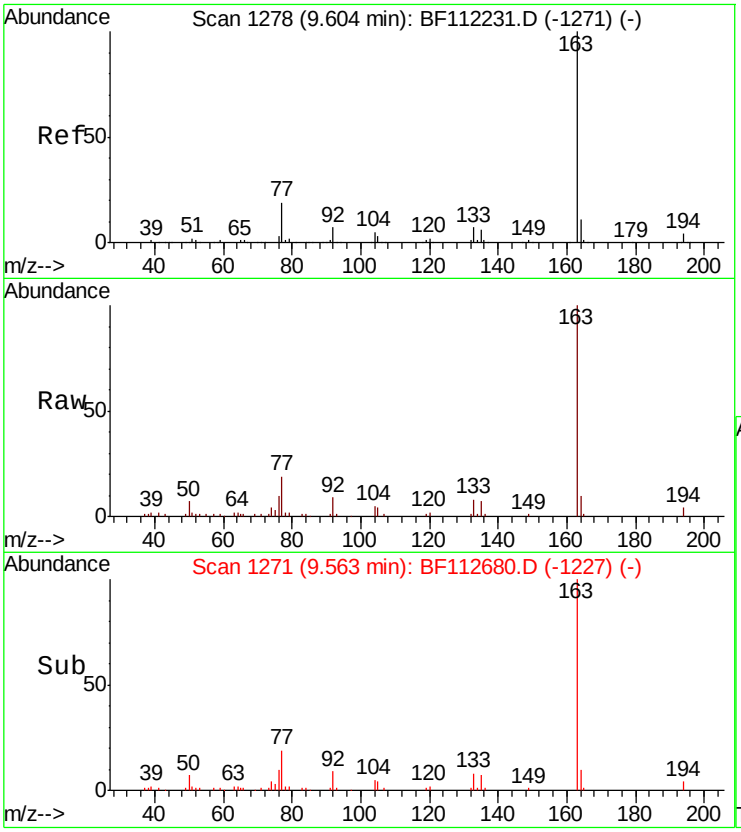


#45
2-Fluorobiphenyl
Concen: 108.983 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:172 Resp: 1022048

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.5	45.7
170	23.5	20.2	30.4



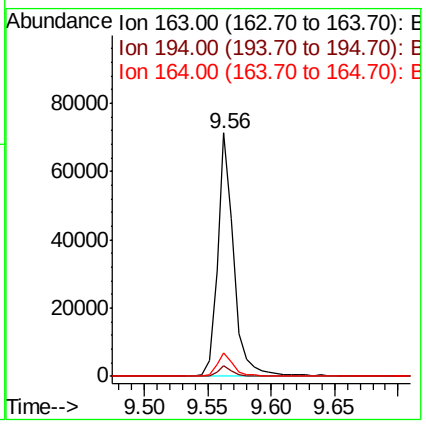


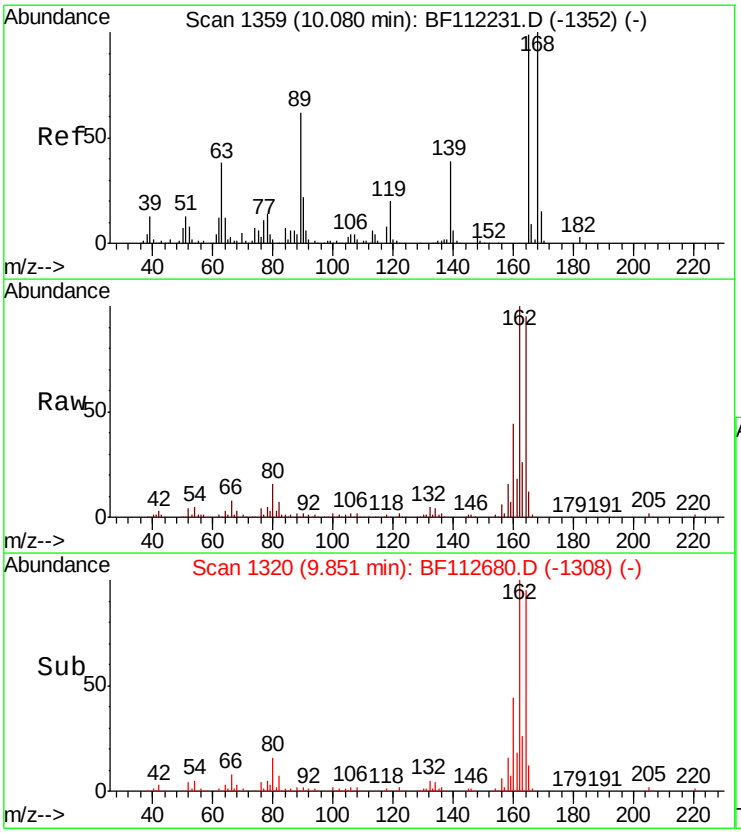
#50
Dimethylphthalate
Concen: 6.142 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:163 Resp: 63292

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.8	8.5	12.7

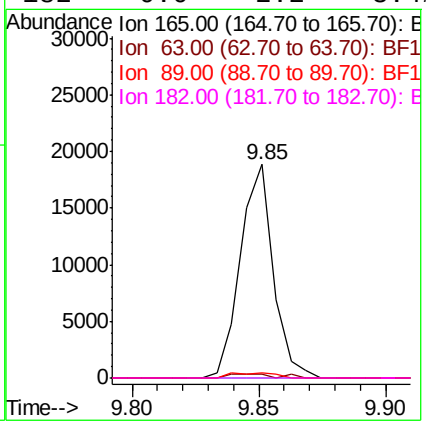


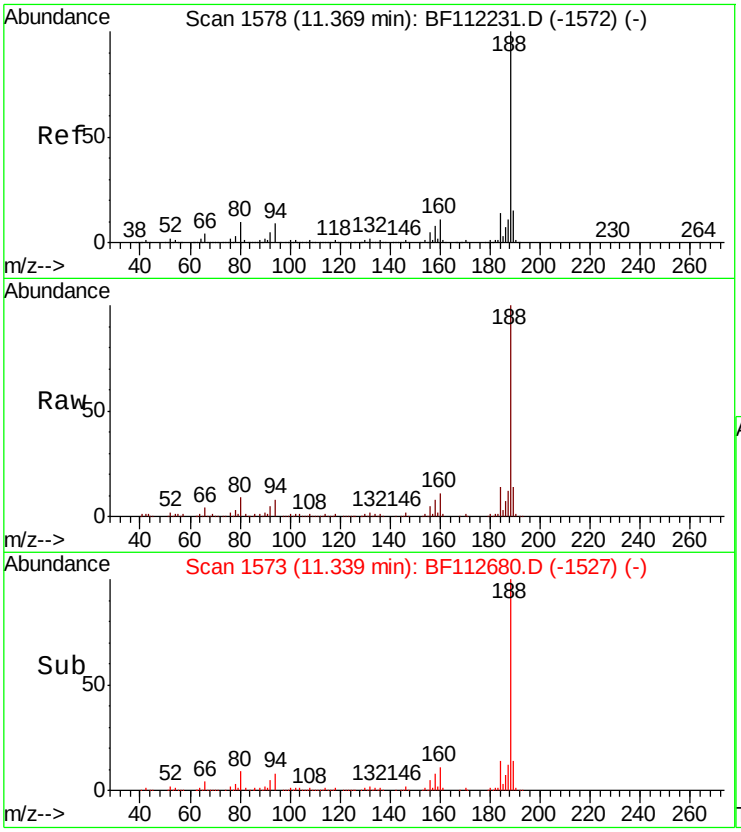


#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.23 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:165 Resp: 16959

Ion	Ratio	Lower	Upper
165	100		
63	1.9	27.9	41.9#
89	2.4	47.9	71.9#
182	0.0	2.2	3.4#



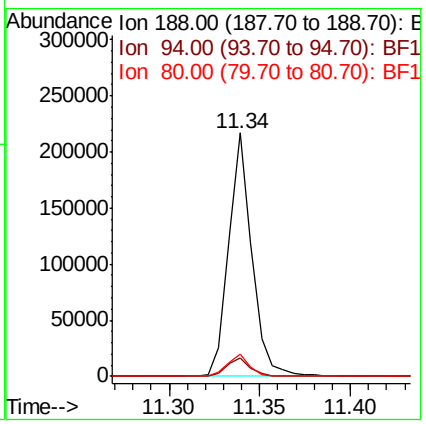


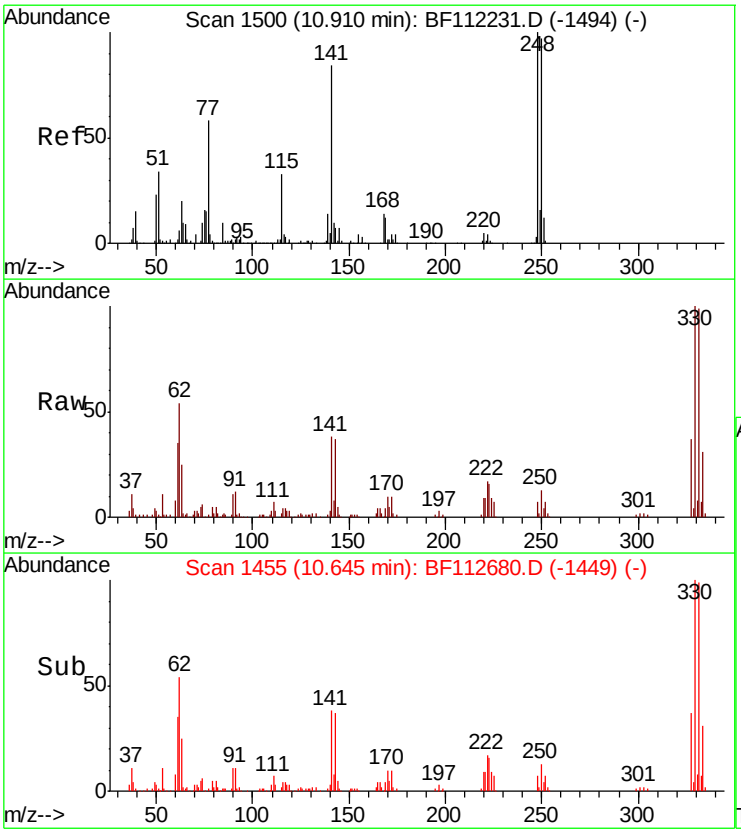
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:188 Resp: 194523

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.2	12.2#
80	9.1	8.9	13.3

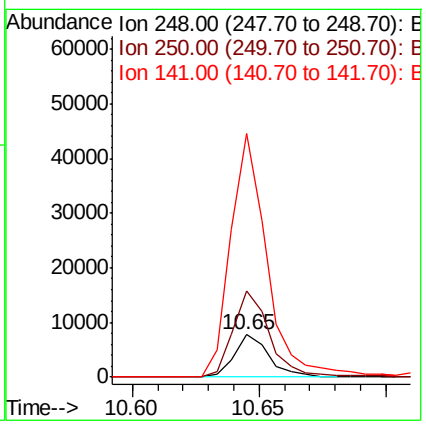


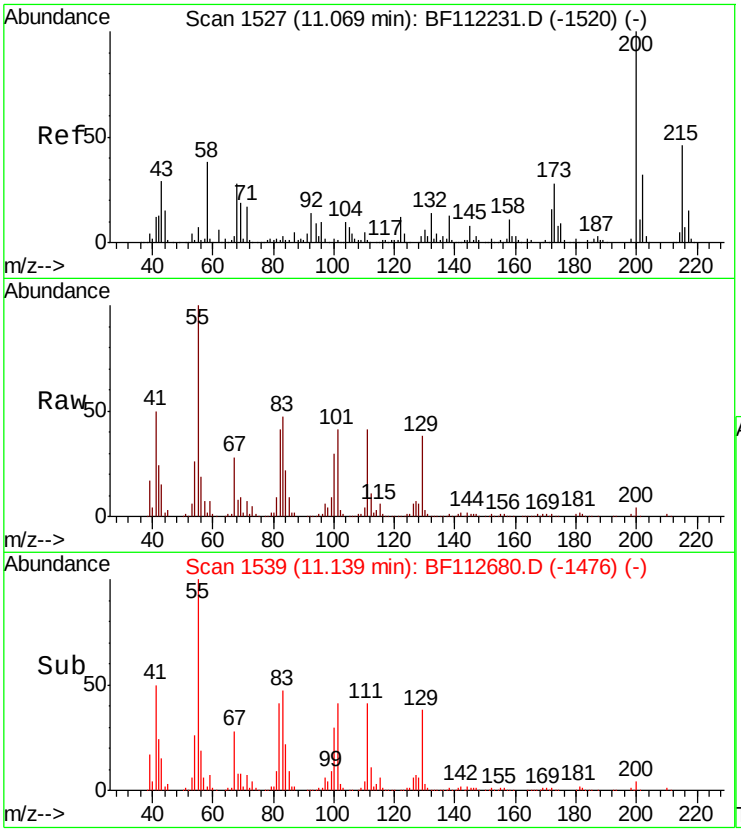


#67
4-Bromophenyl-phenylether
Concen: 3.193 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:248 Resp: 7305

Ion	Ratio	Lower	Upper
248	100		
250	204.5	79.7	119.5#
141	577.0	60.3	90.5#



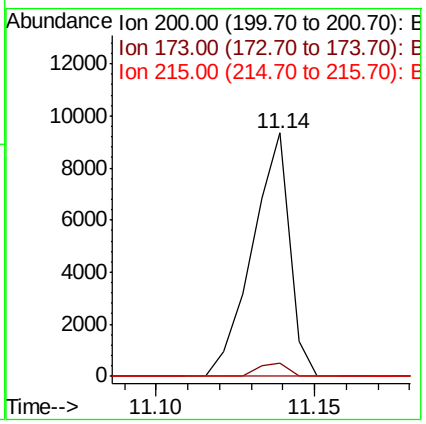


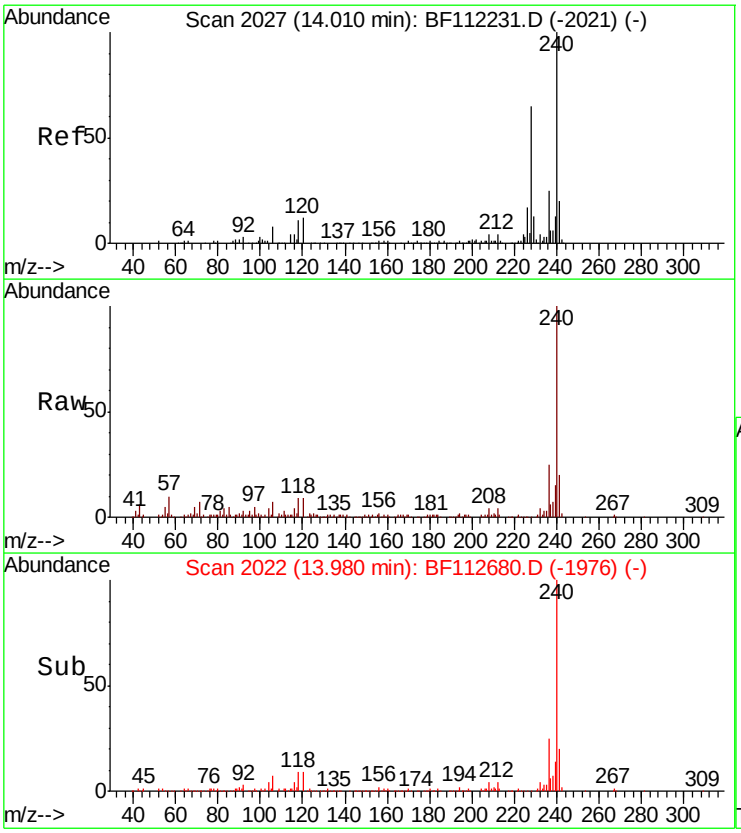
#69
Atrazine
Concen: 3.605 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.07 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:200 Resp: 7627

Ion	Ratio	Lower	Upper
200	100		
173	5.6	7.1	47.1#
215	0.0	30.4	70.4#

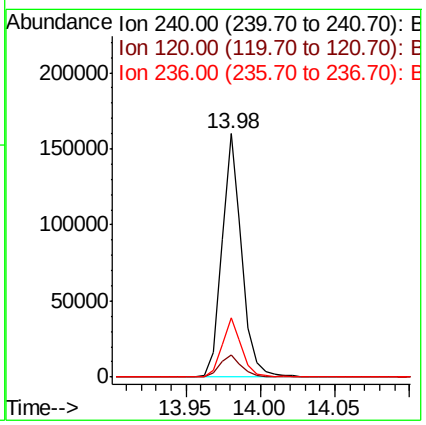


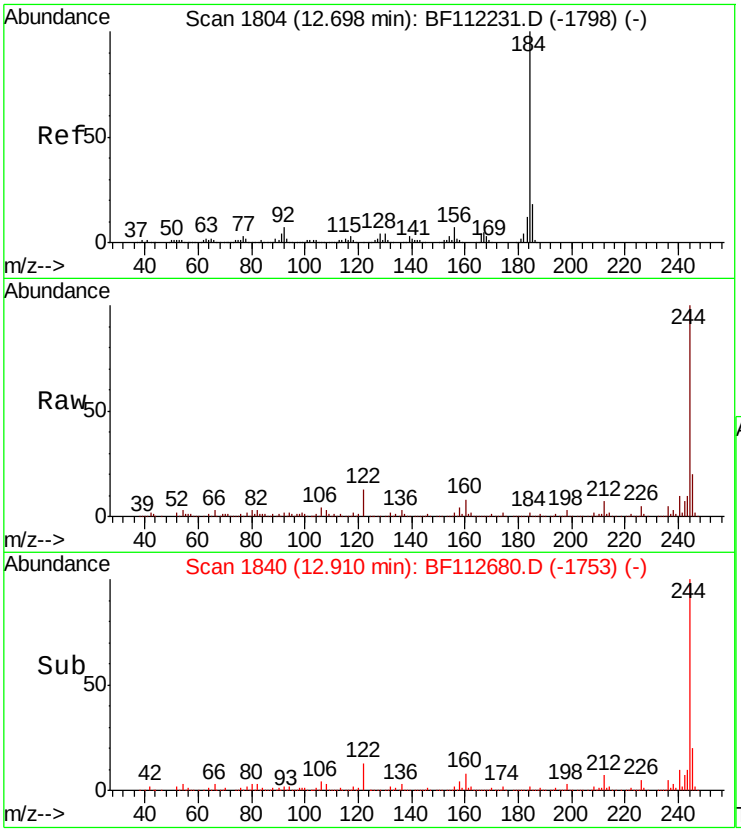


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:240 Resp: 149573

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.0	13.6
236	24.6	20.7	31.1



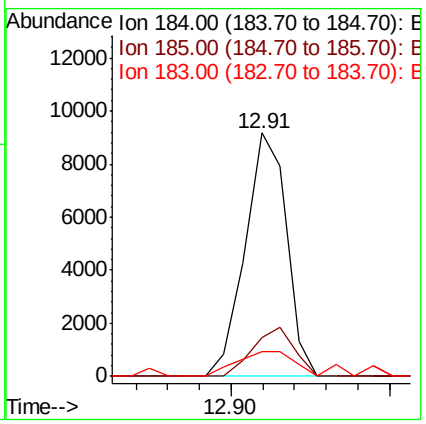


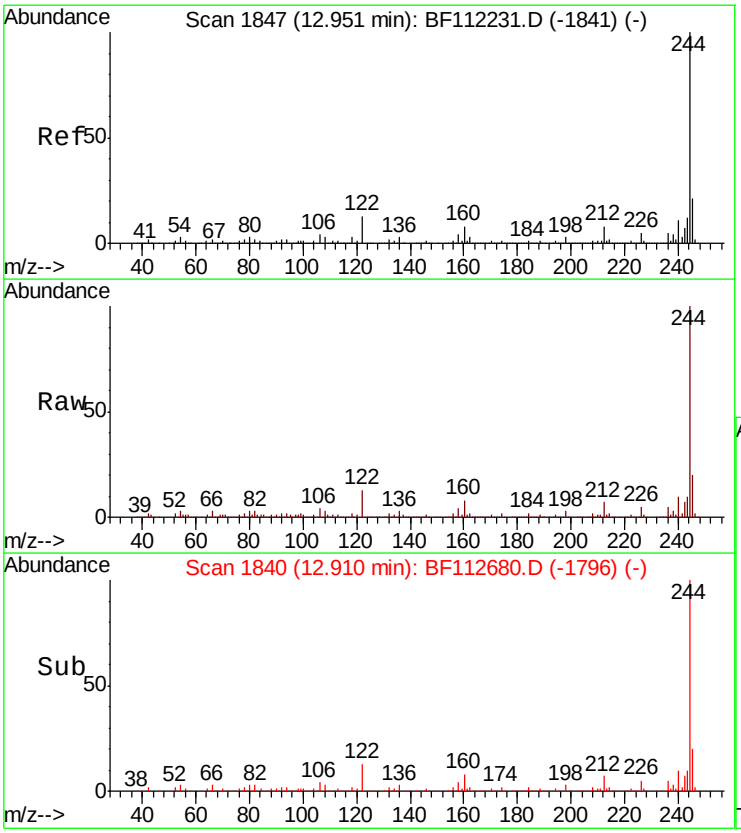
#77
Benzidine
Concen: 2.016 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.21 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:184 Resp: 8298

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.9	20.9
183	10.1	10.0	15.0

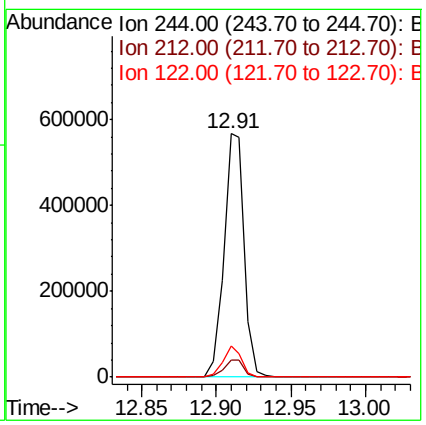


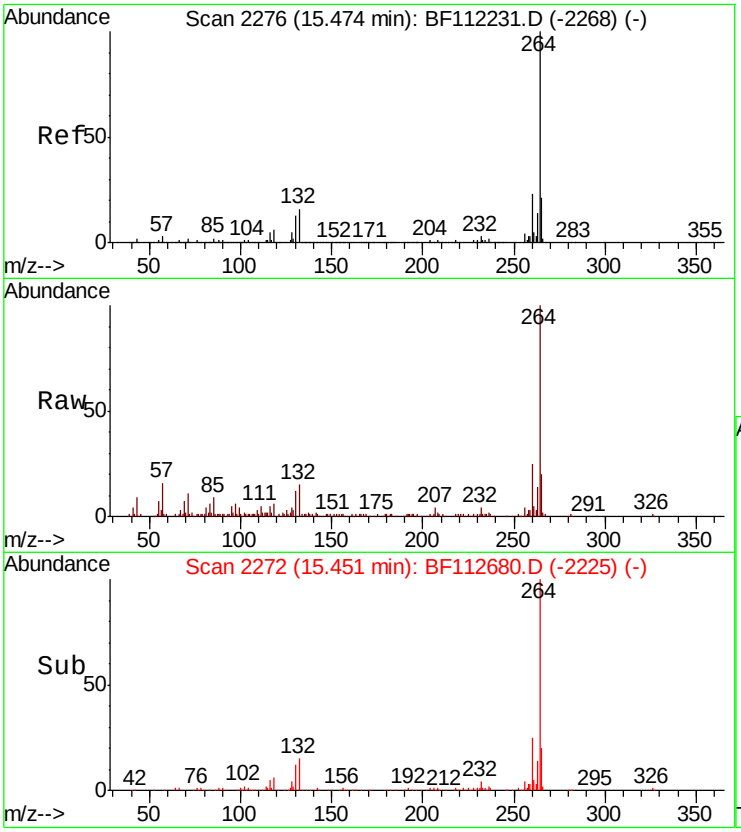


#79
Terphenyl-d14
Concen: 68.600 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Tgt Ion:244 Resp: 544784

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.9	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112680.D
Acq: 22 Feb 2019 22:28

Instrument :
BNA_F
ClientSampleId :
25-25RE

Tgt Ion:264 Resp: 143187

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	20.4	17.0	25.4