Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
Data File : BF117428.D
Acq On : 17 Oct 2019 18:20
Operator : JU
Sample : K5152-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-01-101519

Quant Time: Oct 18 03:54:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 19:03:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	47333	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	188770	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	99817	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	173919	20.00	ng		0.00
76) Chrysene-d12	13.96	240	148581	20.00	ng		0.00
87) Perylene-d12	15.42	264	147990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	380182	123.58	ng		0.01
7) Phenol-d6	6.44	99	506579	124.11	ng		0.00
23) Nitrobenzene-d5	7.36	82	323111	86.77	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	125483	154.46	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	578277	84.46	ng		0.00
79) Terphenyl-d14	12.90	244	721777	79.19	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.44	77	739	Below Cal		#	1
10) Phenol	6.45	94	22024	4.998	ng		91
19) n-Nitroso-di-n-propylamine	7.36	70	41325	15.879	ng	#	76
25) Isophorone	7.36	82	323132	48.710	ng	#	67
50) Dimethylphthalate	9.55	163	51851	7.233	ng		100
51) 2,6-Dinitrotoluene	9.82	165	11695	7.762	ng	#	21
57) 2,4-Dinitrotoluene	9.82	165	11695	5.882	ng	#	12
67) 4-Bromophenyl-phenylether	10.62	248	7686	4.029	ng	#	1
77) Benzidine	12.90	184	9277	2.525	ng	#	94

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

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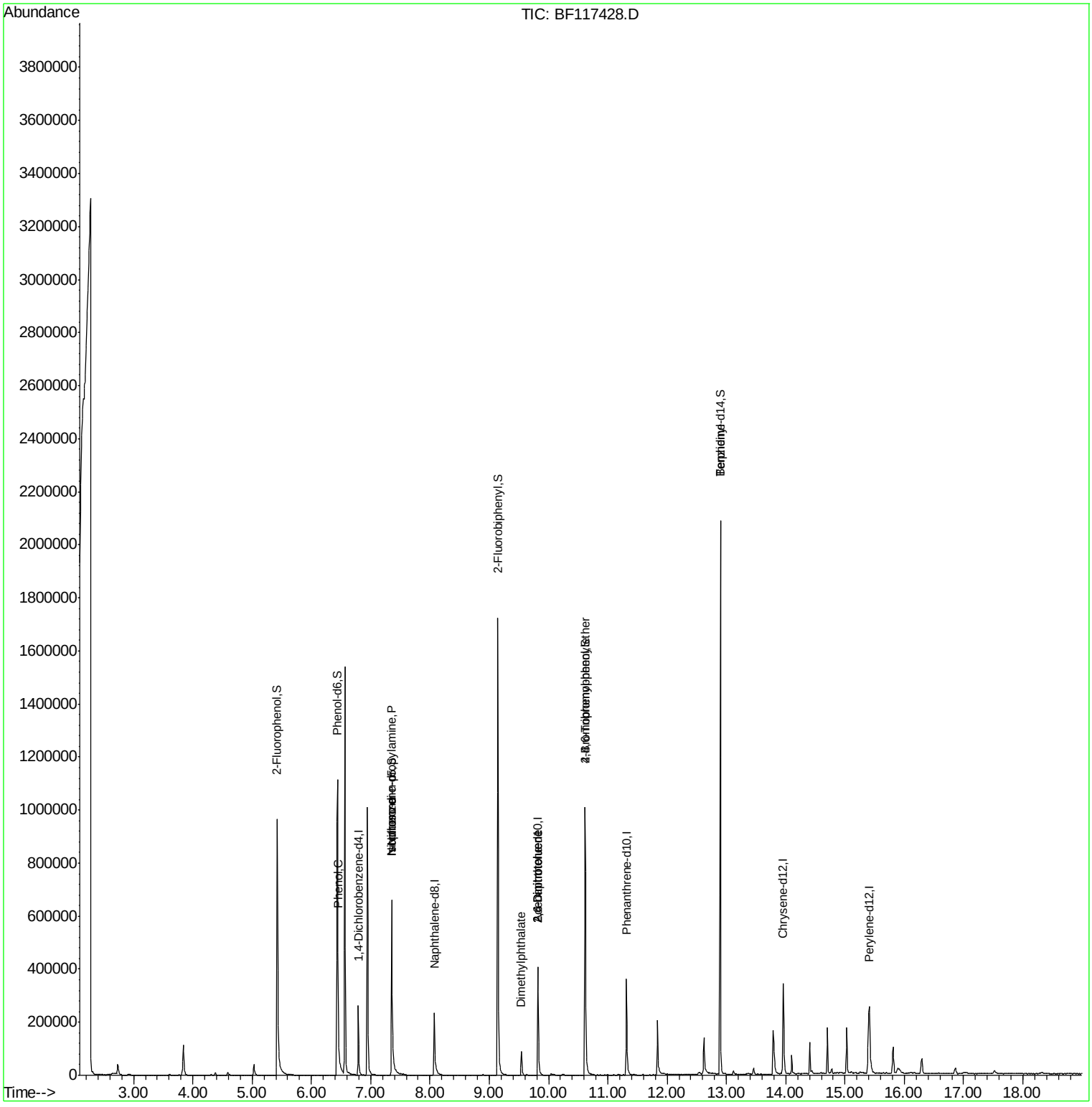
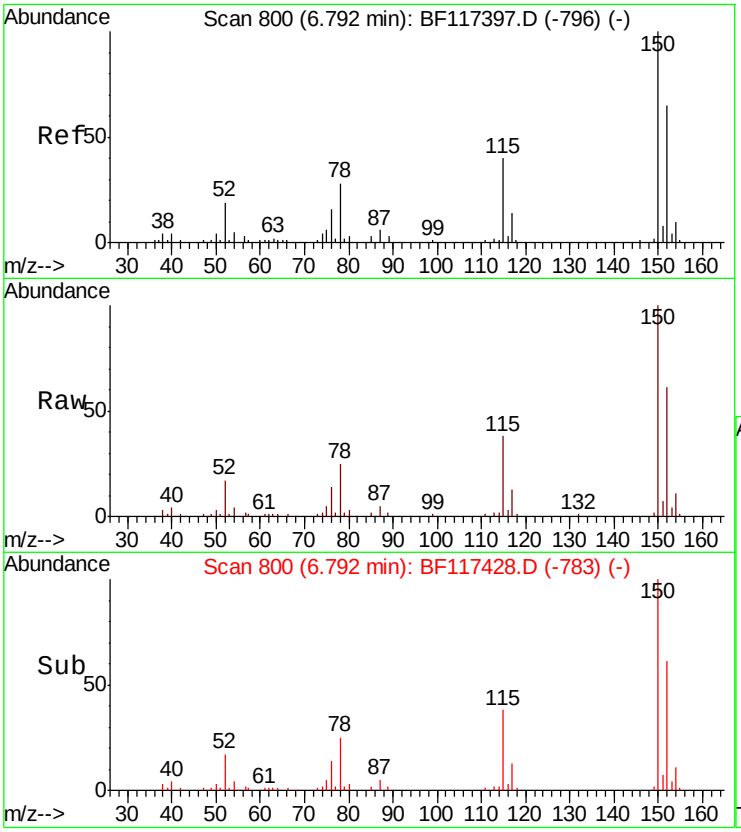


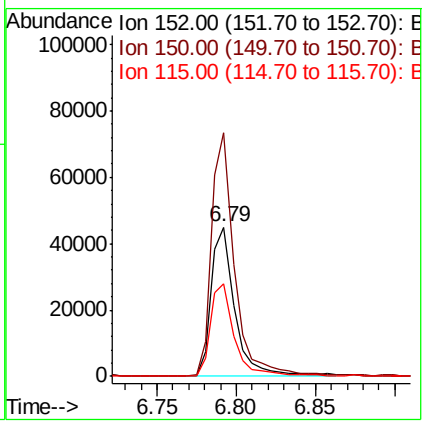


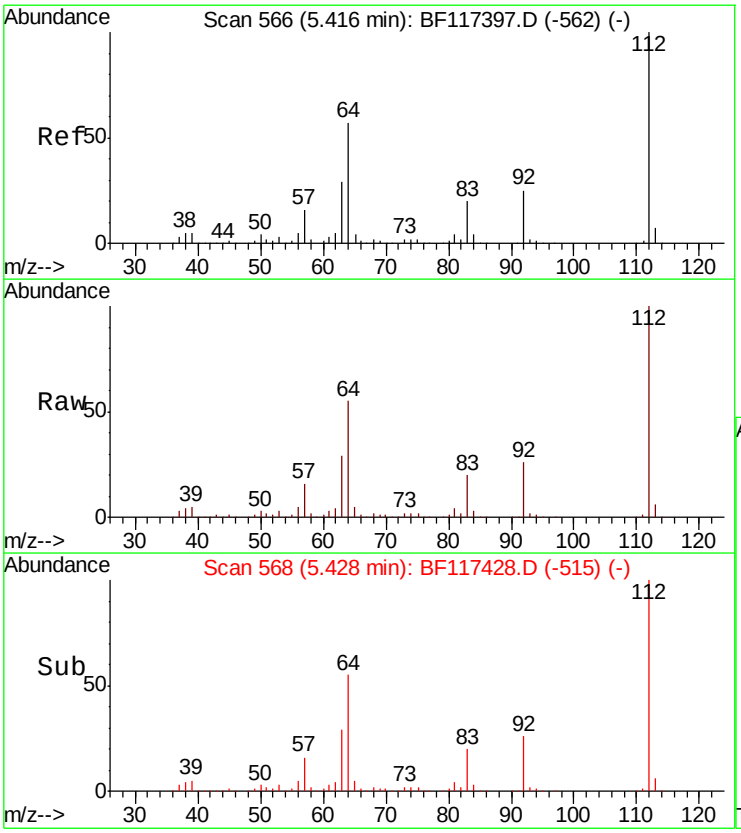
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:152 Resp: 47333

Ion	Ratio	Lower	Upper
152	100		
150	162.9	122.7	184.1
115	62.0	48.6	73.0

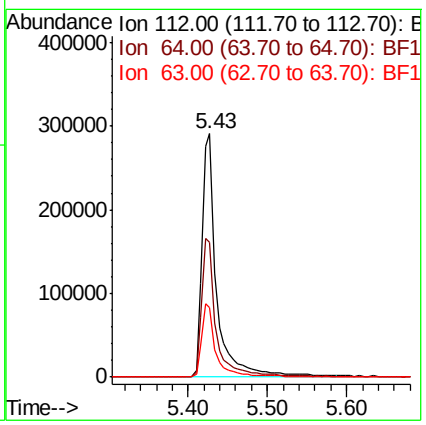


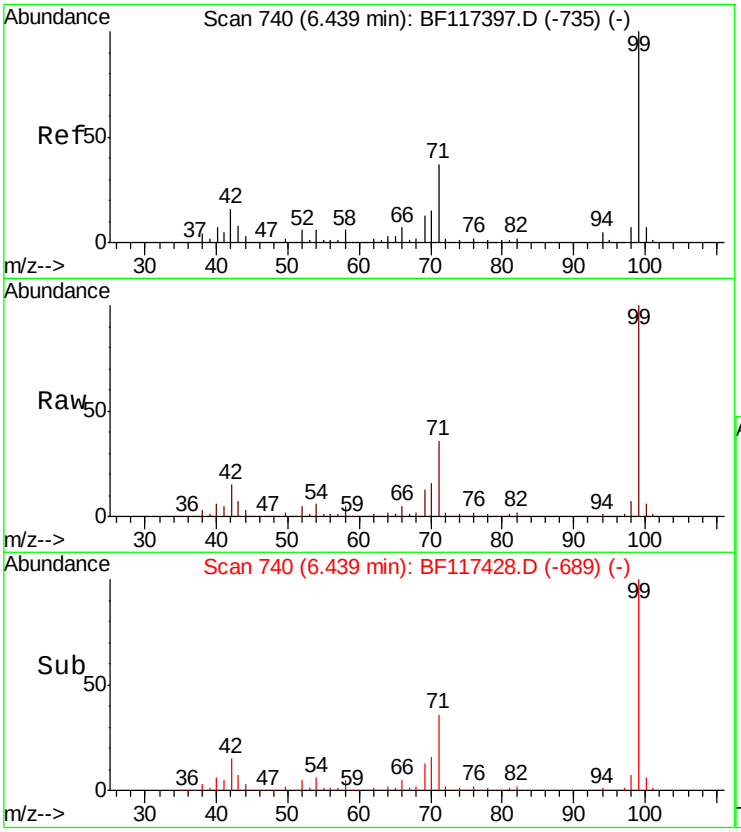


#5
2-Fluorophenol
Concen: 123.584 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:112 Resp: 380182

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.2	67.8
63	28.6	23.4	35.2



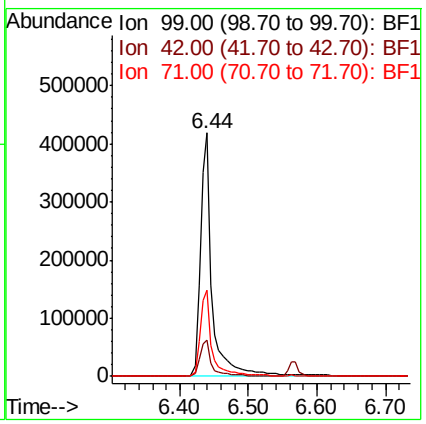


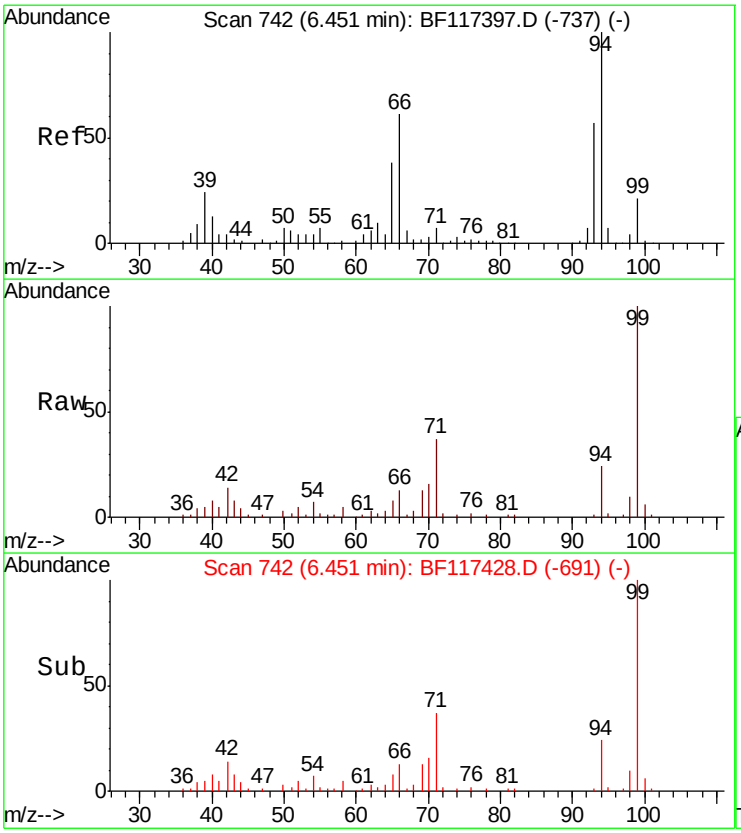
#7
Phenol-d6
Concen: 124.111 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion: 99 Resp: 506579

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.5	18.7
71	35.5	29.2	43.8

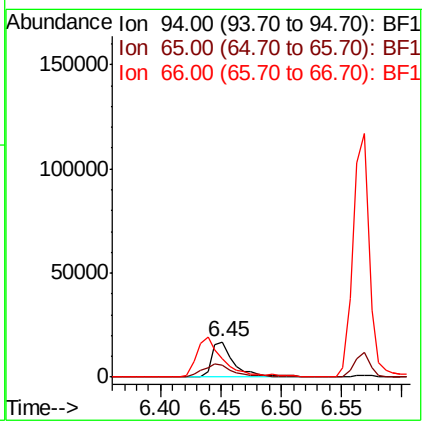


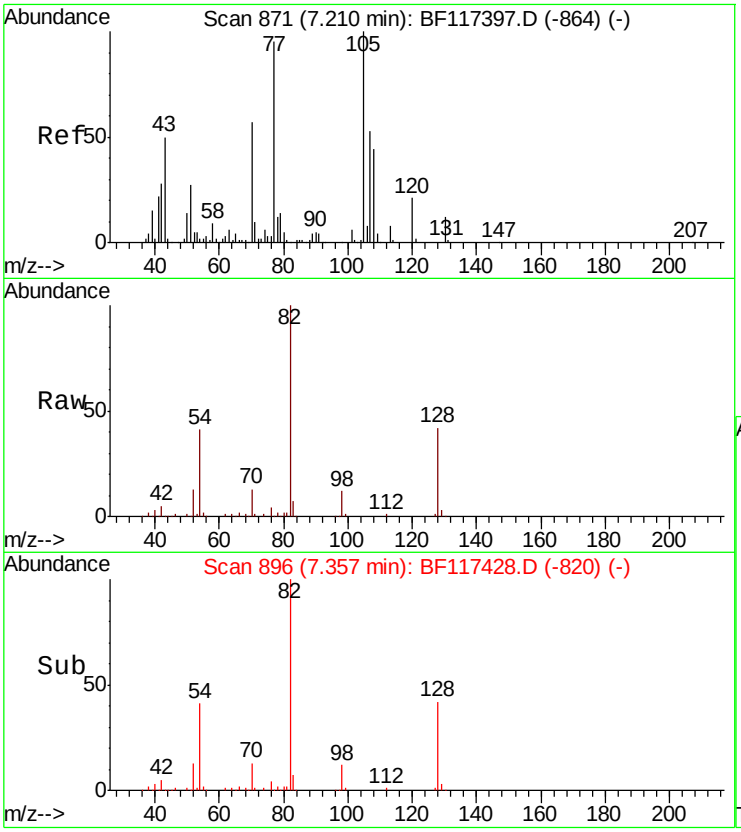


#10
Phenol
Concen: 4.998 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion: 94 Resp: 22024

Ion	Ratio	Lower	Upper
94	100		
65	34.7	18.2	58.2
66	53.0	41.1	81.1



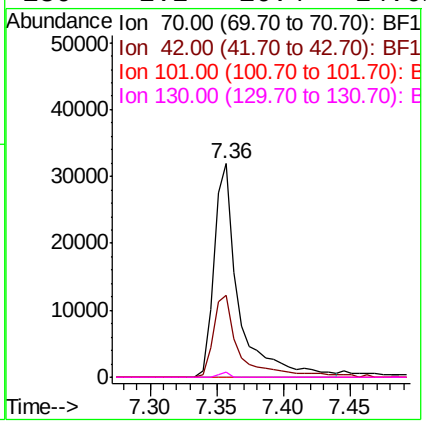


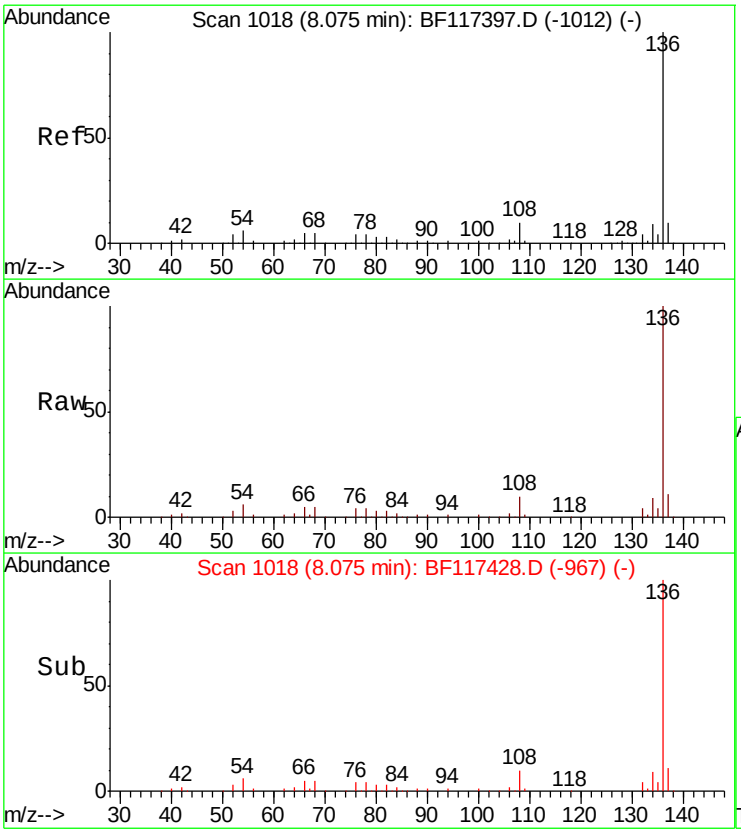
#19
n-Nitroso-di-n-propylamine
Concen: 15.879 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion: 70 Resp: 41325

Ion	Ratio	Lower	Upper
70	100		
42	38.6	39.8	59.8#
101	0.0	8.1	12.1#
130	2.2	16.4	24.6#

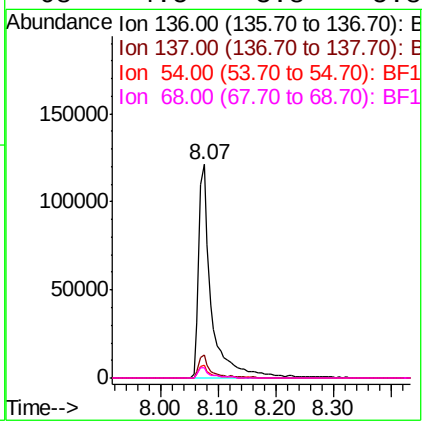


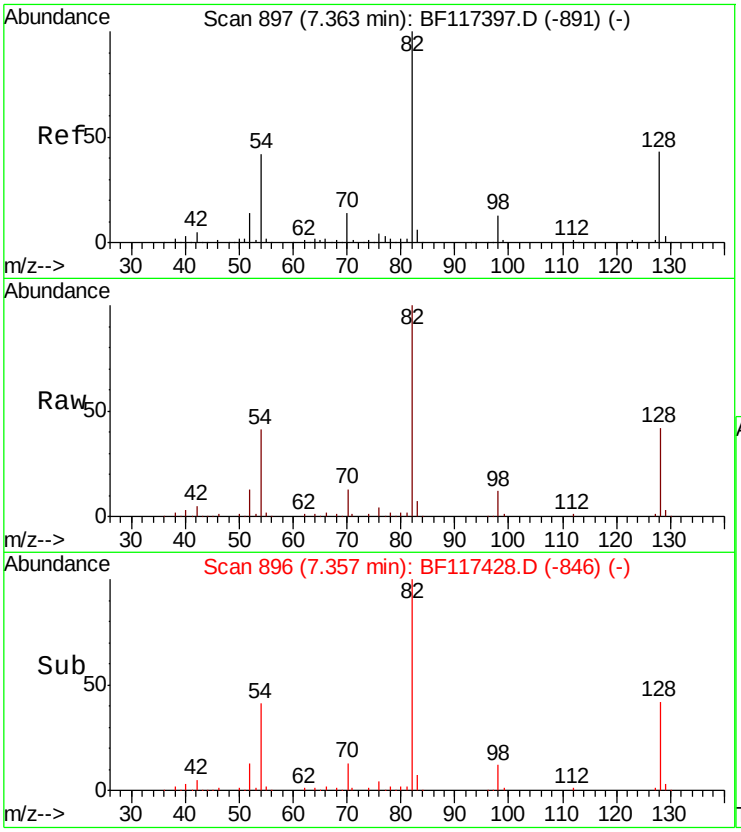


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:136 Resp: 188770

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	5.7	4.6	6.8
68	4.5	3.8	5.8



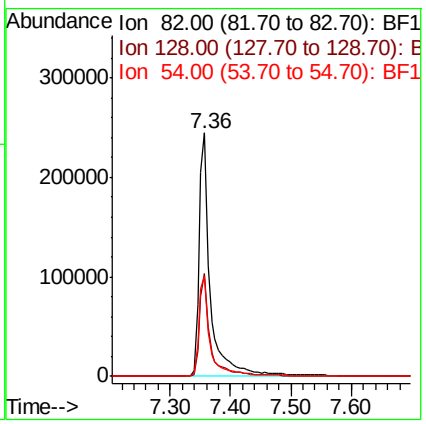


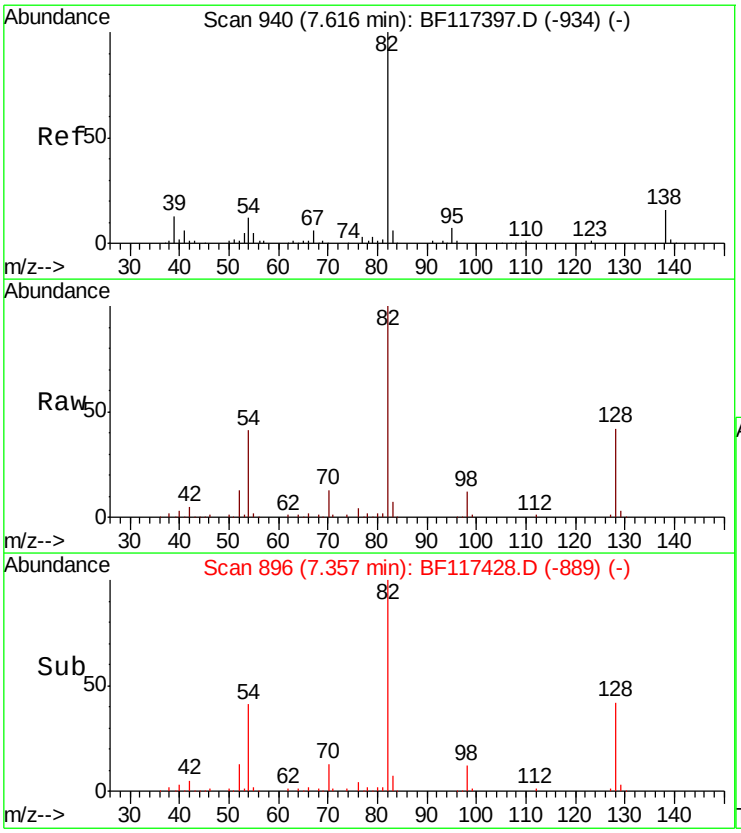
#23
Nitrobenzene-d5
Concen: 86.765 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion: 82 Resp: 323111

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.1	51.1
54	41.2	33.3	49.9

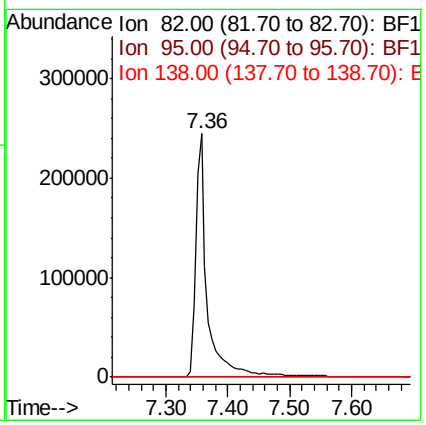


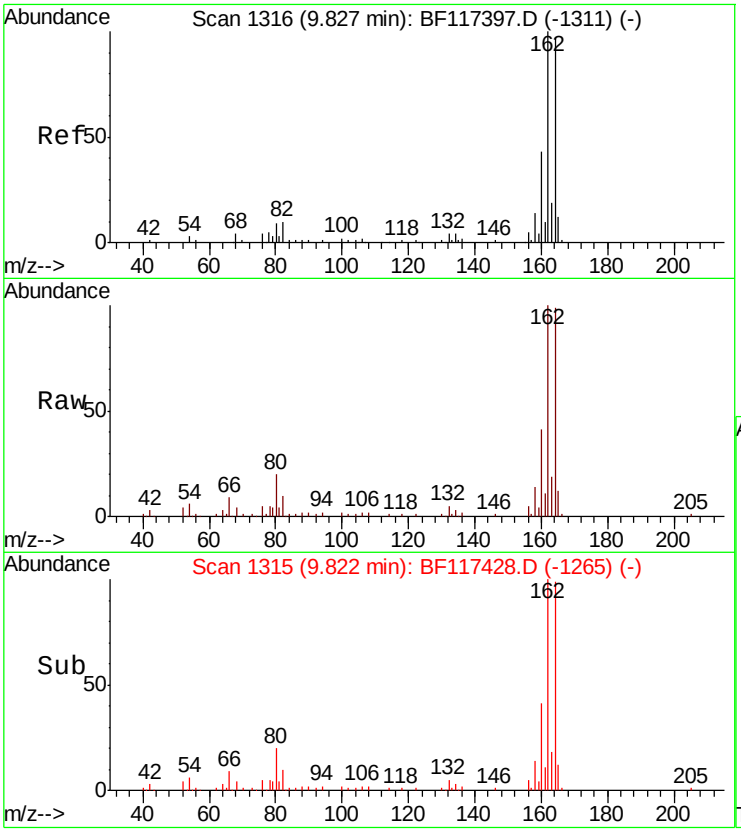


#25
Isophorone
Concen: 48.710 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion: 82 Resp: 323132

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



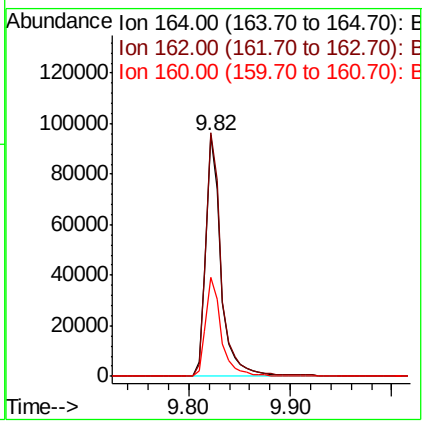


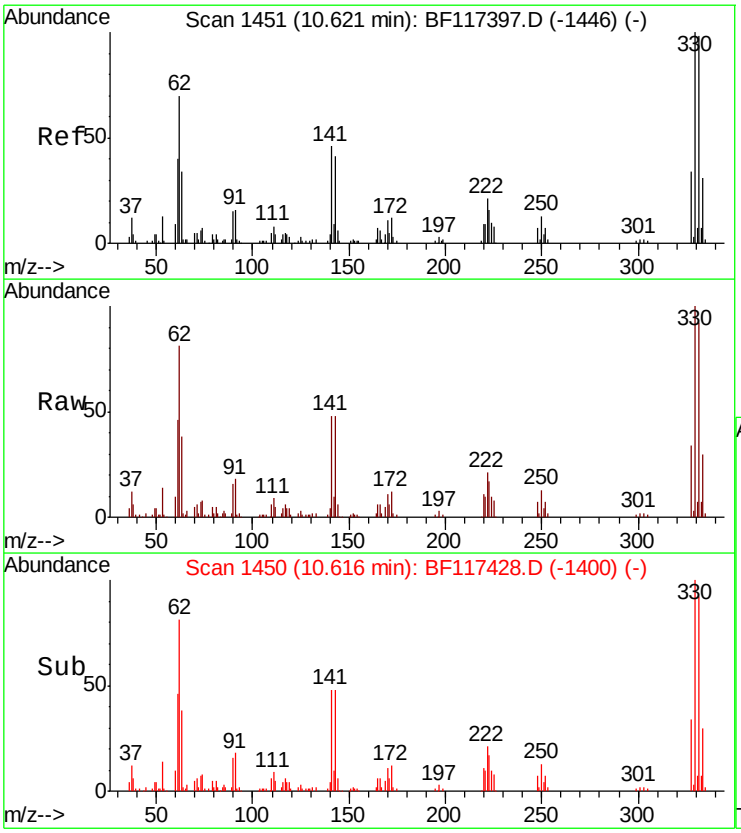
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:164 Resp: 99817

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	41.0	35.4	53.0

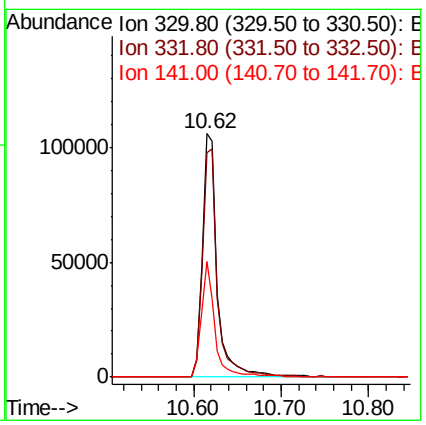


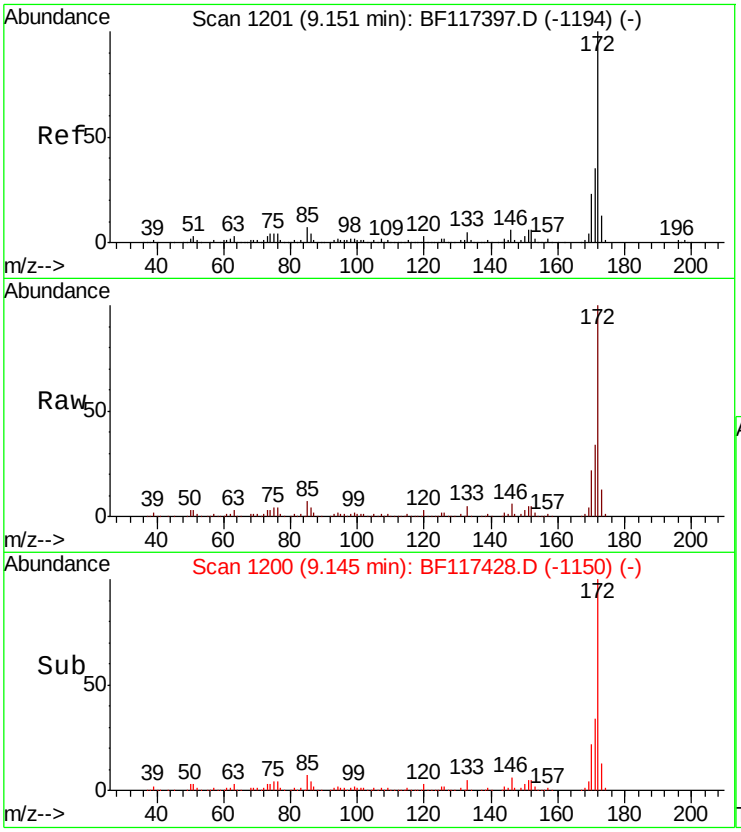


#42
2,4,6-Tribromophenol
Concen: 154.464 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:330 Resp: 125483

Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.0	112.6
141	43.2	34.2	51.4



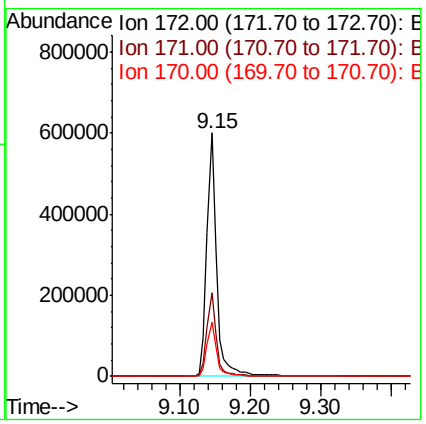


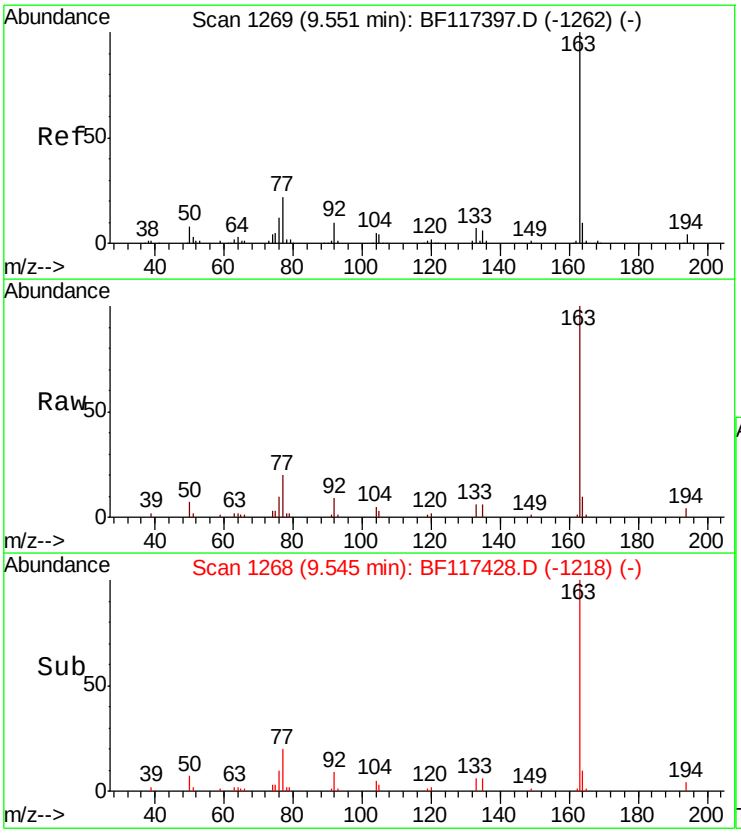
#45
2-Fluorobiphenyl
Concen: 84.460 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:172 Resp: 578277

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.2
170	22.5	18.2	27.2

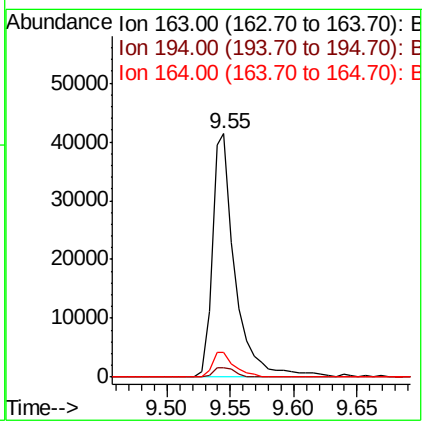


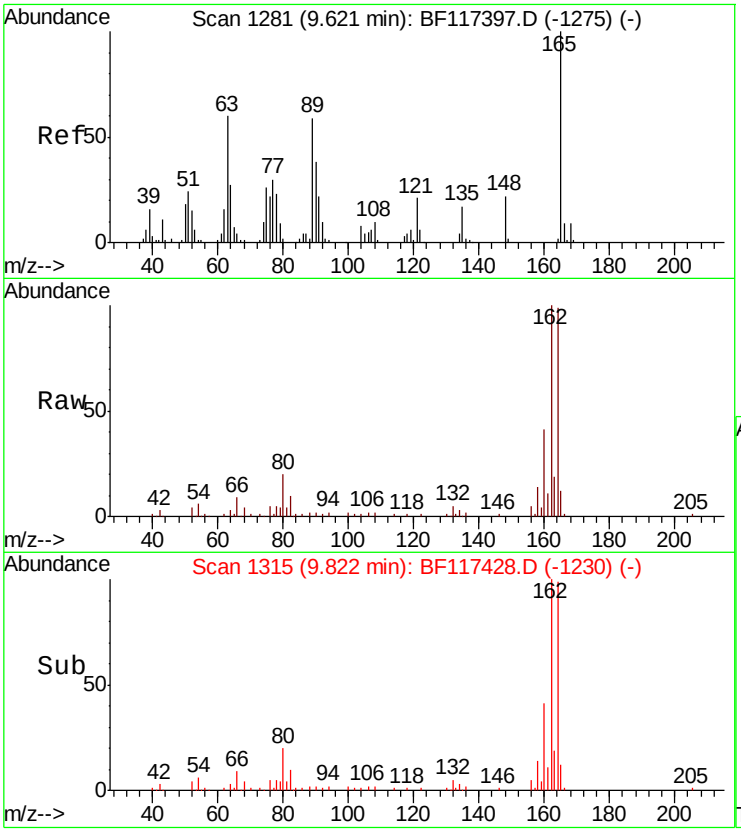


#50
Dimethylphthalate
Concen: 7.233 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:163 Resp: 51851

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.2	8.0	12.0



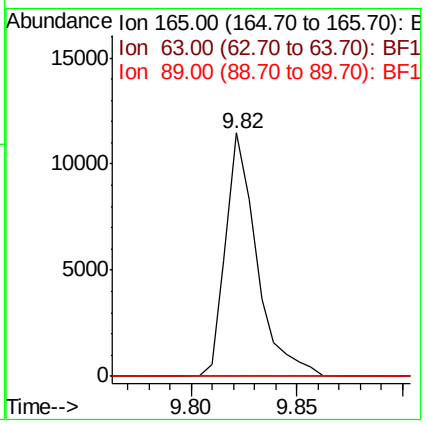


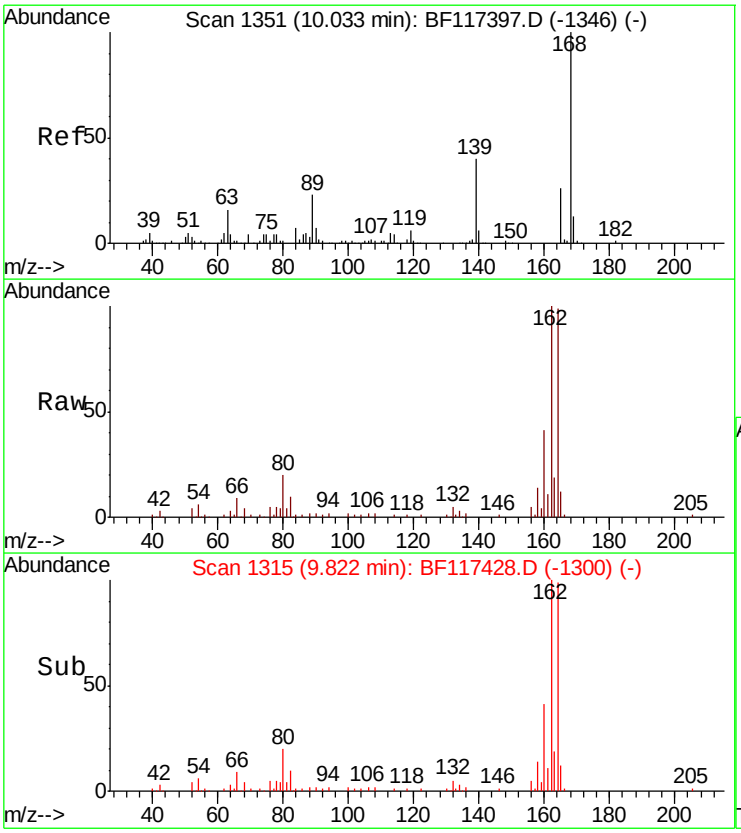
#51
2,6-Dinitrotoluene
Concen: 7.762 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.20 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:165 Resp: 11695

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.8	71.6#
89	0.0	47.4	71.0#

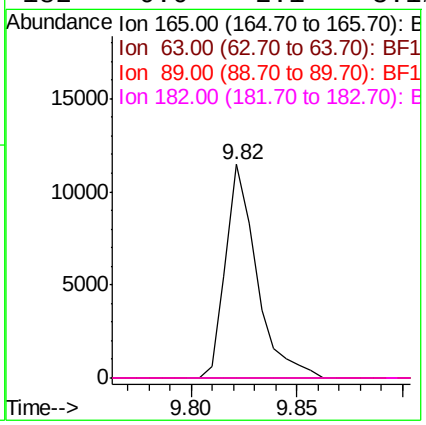


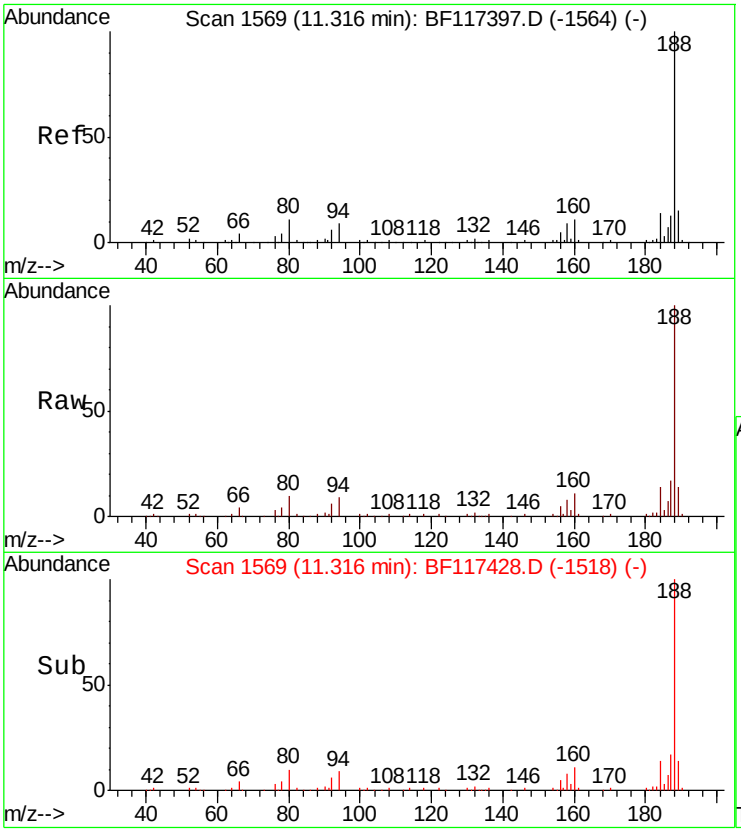


#57
2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.21 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:165 Resp: 11695

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.0	76.4#
89	0.0	70.7	106.1#
182	0.0	2.1	3.1#



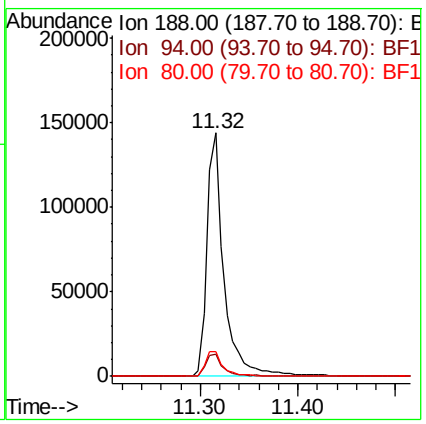


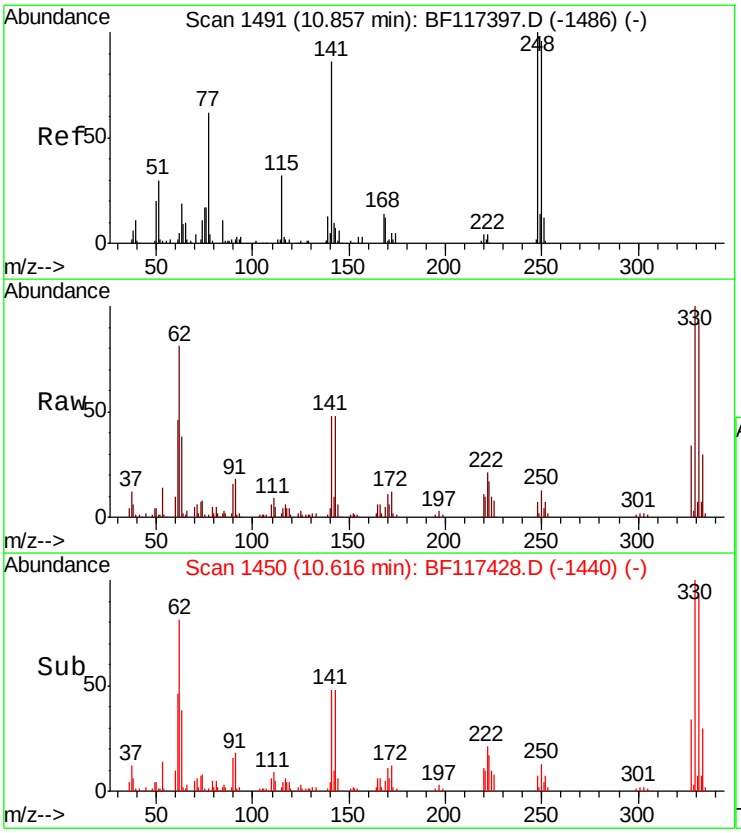
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:188 Resp: 173919

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.4	8.7	13.1

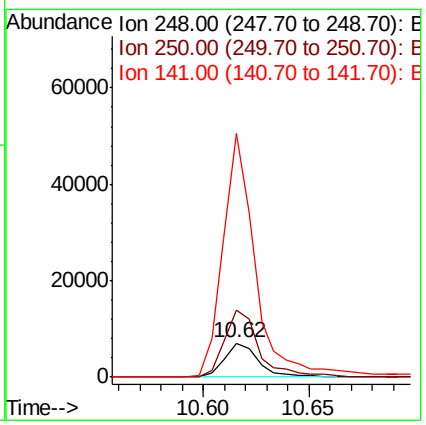


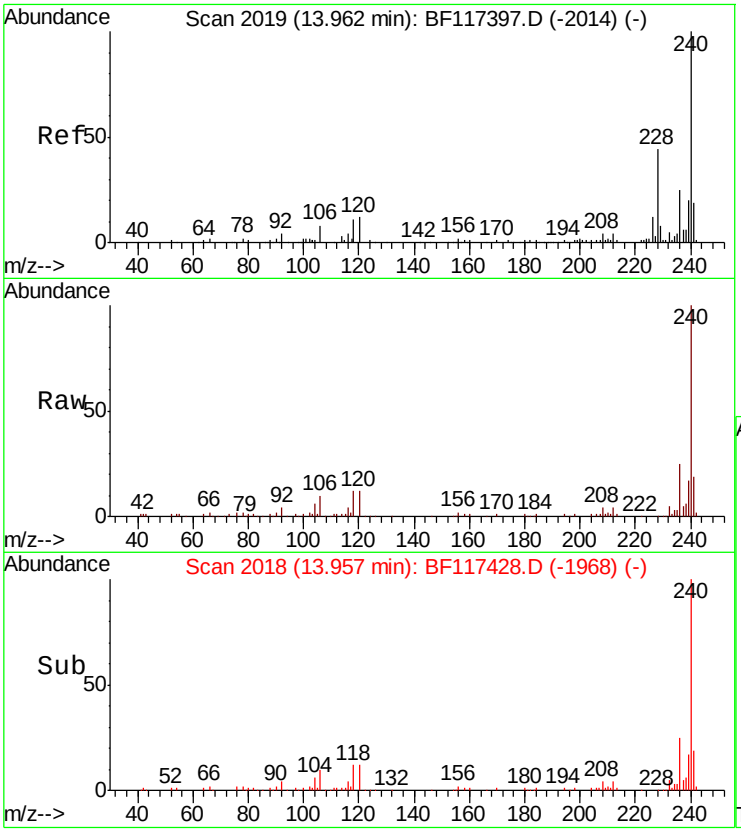


#67
4-Bromophenyl-phenylether
Concen: 4.029 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.24 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:248 Resp: 7686

Ion	Ratio	Lower	Upper
248	100		
250	195.5	77.1	115.7#
141	709.7	69.1	103.7#



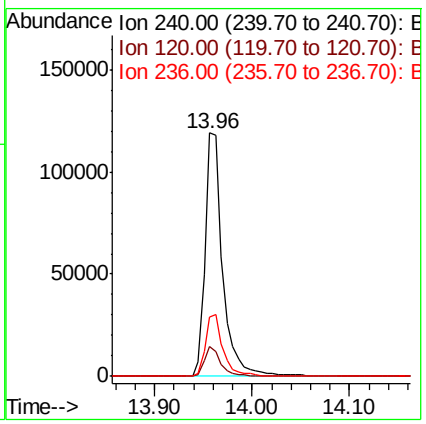


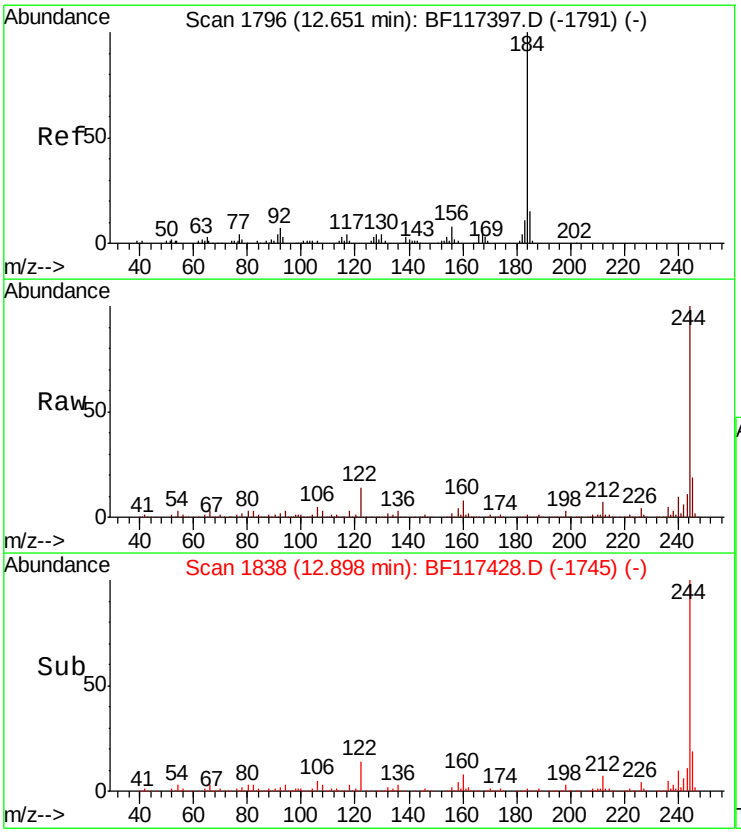
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:240 Resp: 148581

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.4	14.0
236	24.5	19.8	29.6

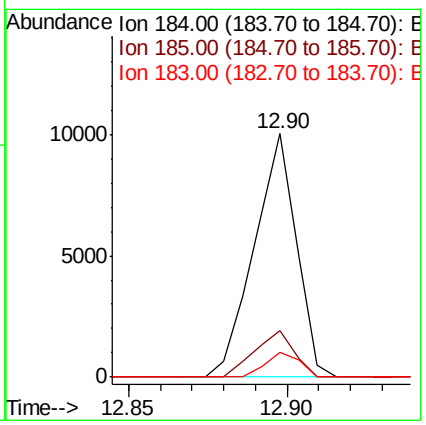


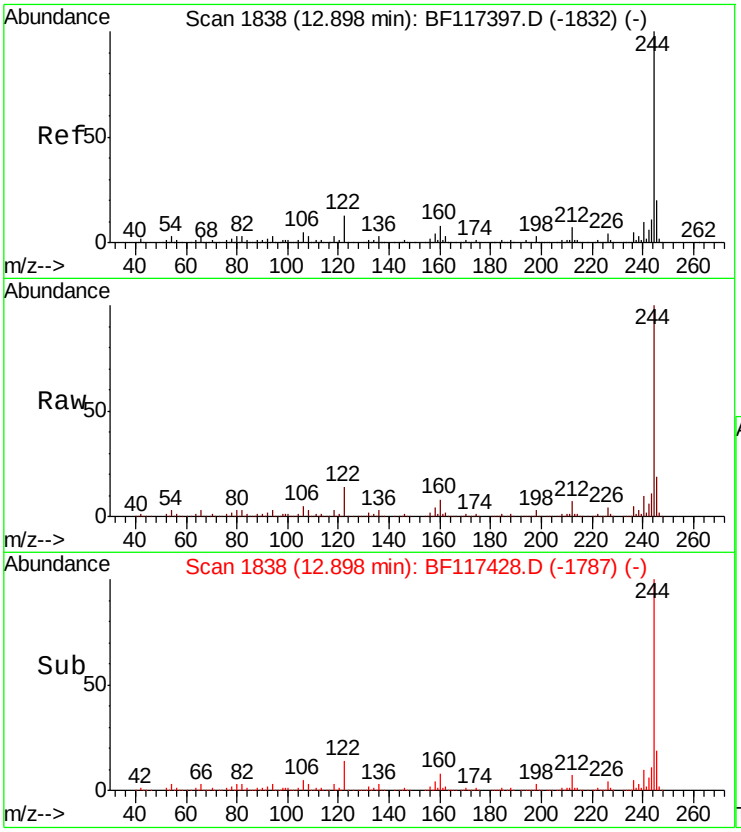


#77
Benzidine
Concen: 2.525 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.25 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:184 Resp: 9277

Ion	Ratio	Lower	Upper
184	100		
185	19.1	12.2	18.2#
183	10.2	8.9	13.3



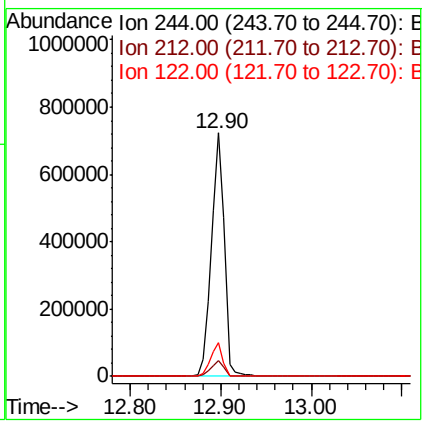


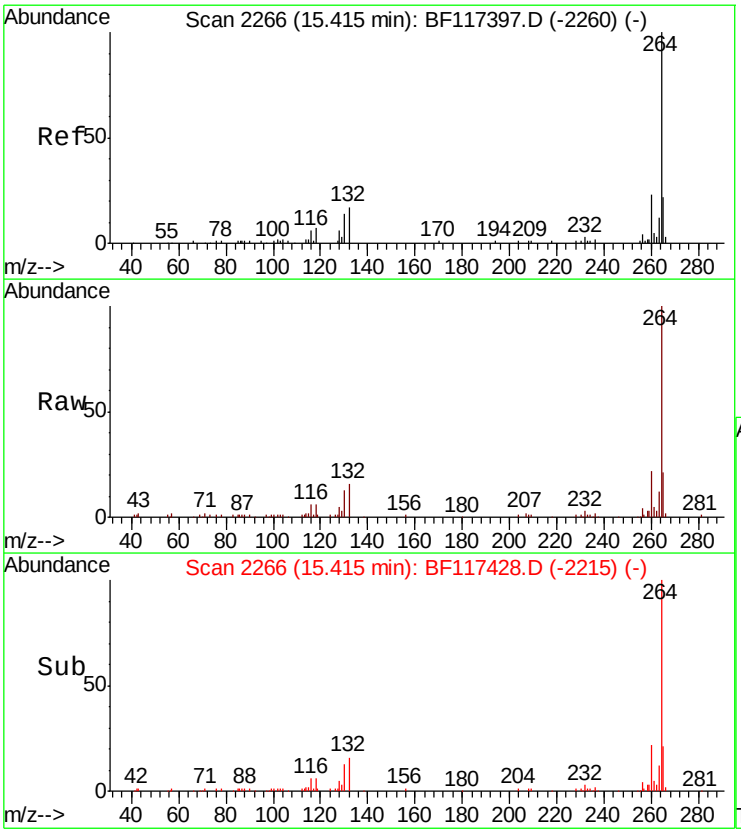
#79
Terphenyl-d14
Concen: 79.190 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Instrument :
BNA_F
ClientSampleId :
SU-01-101519

Tgt Ion:244 Resp: 721777

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	14.0	10.7	16.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117428.D
Acq: 17 Oct 2019 18:20

Tgt Ion:264 Resp: 147990

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.6	27.8
265	21.3	17.4	26.0