Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-18_081519

Quant Time: Aug 20 01:41:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	78353	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	304257	20.00	ng		-0.02
39) Acenaphthene-d10	9.83	164	164992	20.00	ng		-0.02
64) Phenanthrene-d10	11.32	188	314593	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	296036	20.00	ng		-0.02
87) Perylene-d12	15.42	264	348743	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	396703	84.76	ng		-0.01
7) Phenol-d6	6.45	99	515937	87.37	ng		-0.02
23) Nitrobenzene-d5	7.36	82	378593	71.83	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	155038	96.92	ng		-0.02
45) 2-Fluorobiphenyl	9.15	172	672886	76.39	ng		-0.02
79) Terphenyl-d14	12.90	244	867496	61.75	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	50217	13.723	ng	#	81
25) Isophorone	7.36	82	378593	37.563	ng	#	65
50) Dimethylphthalate	9.55	163	54690	4.868	ng		98
51) 2,6-Dinitrotoluene	9.83	165	21218	8.691	ng	#	29
57) 2,4-Dinitrotoluene	9.83	165	21218	6.528	ng	#	21
67) 4-Bromophenyl-phenylether	10.62	248	9309	2.764	ng	#	1
75) Fluoranthene	12.54	202	38364	2.279	ng		96
89) Benzo(k)fluoranthene	15.01	252	39997	2.036	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116393.D
Acq On : 19 Aug 2019 17:51
Operator : HP/JU
Sample : K4350-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Quant Time: Aug 20 01:41:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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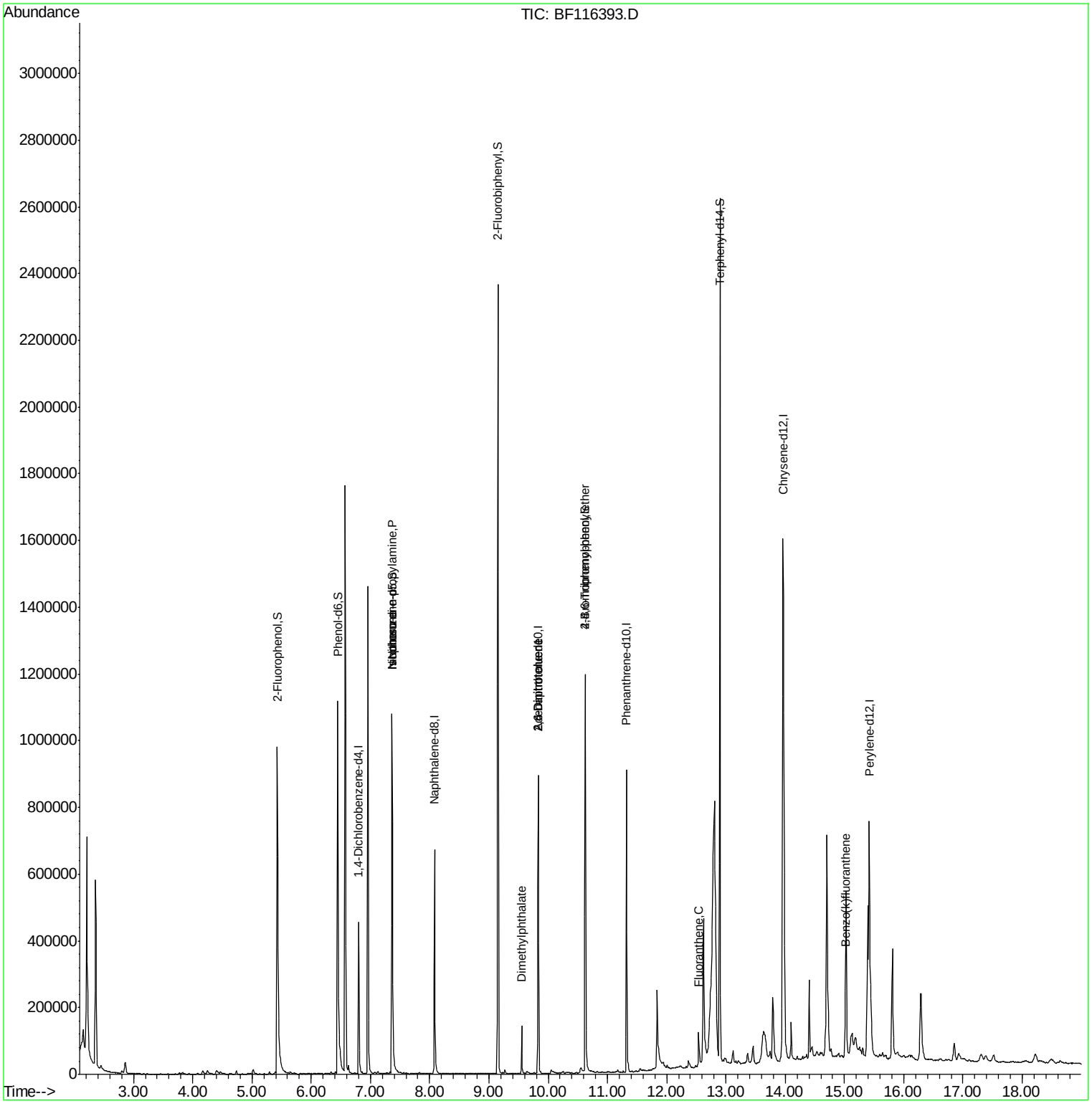
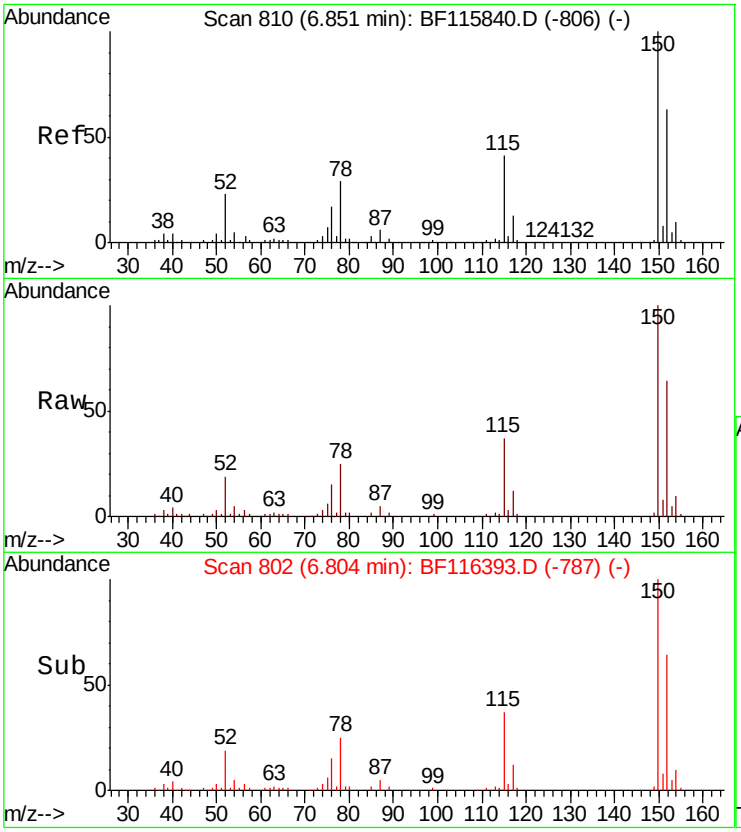


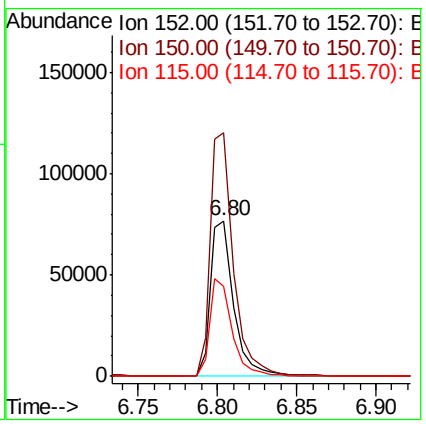


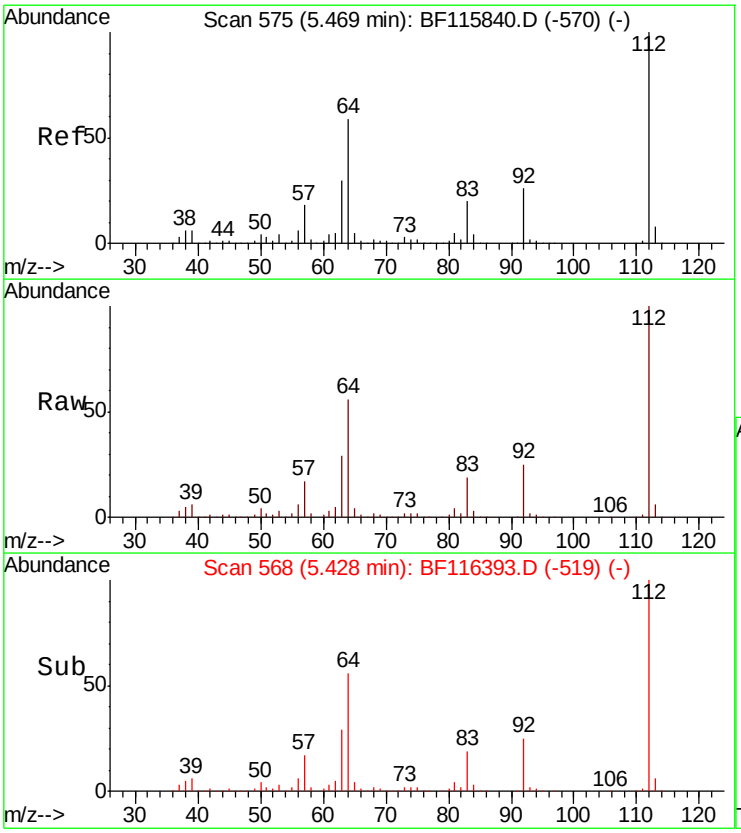
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:152 Resp: 78353

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	57.9	49.9	74.9

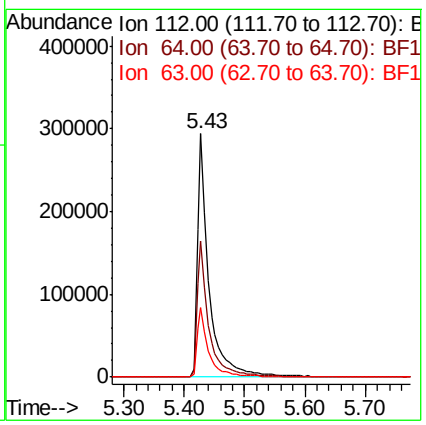


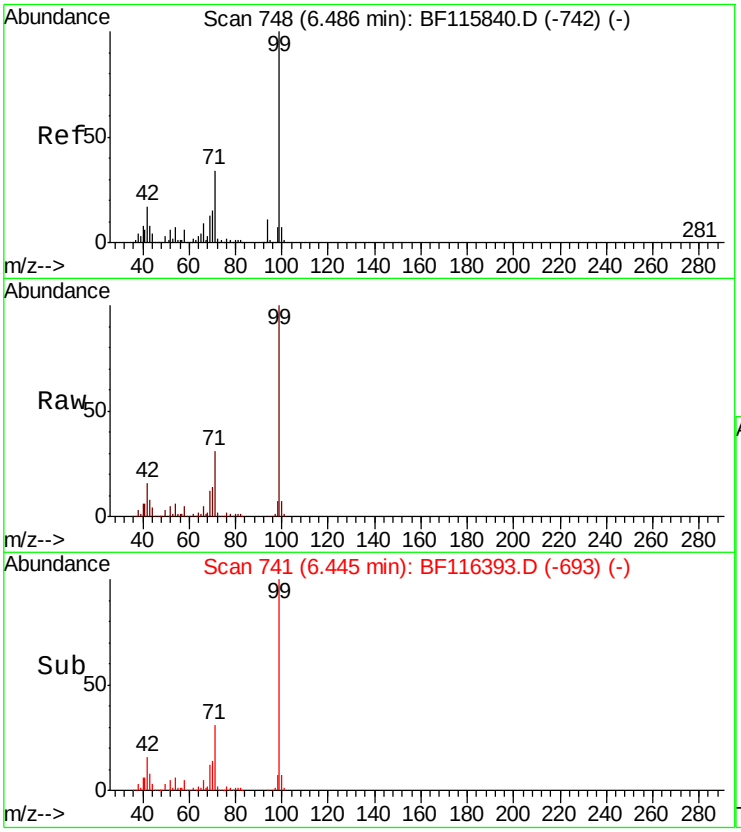


#5
2-Fluorophenol
Concen: 84.758 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:112 Resp: 396703

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.4	68.2
63	28.8	23.7	35.5



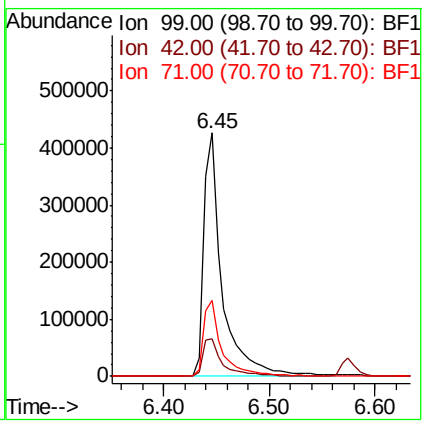


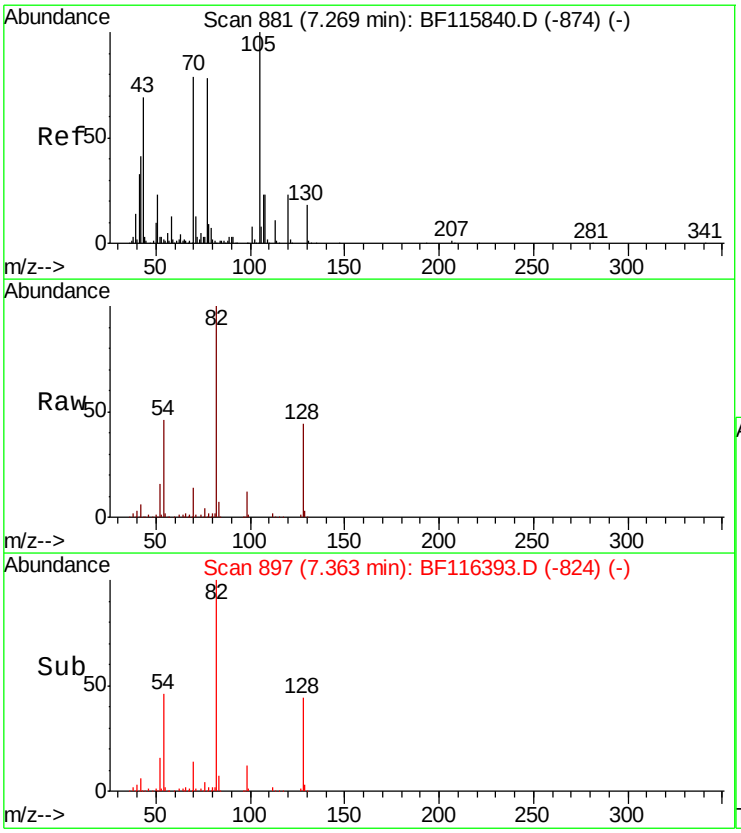
#7
Phenol-d6
Concen: 87.370 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion: 99 Resp: 515937

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.8	20.8
71	31.3	27.3	40.9

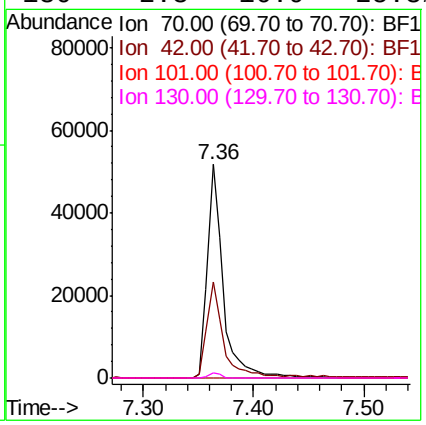


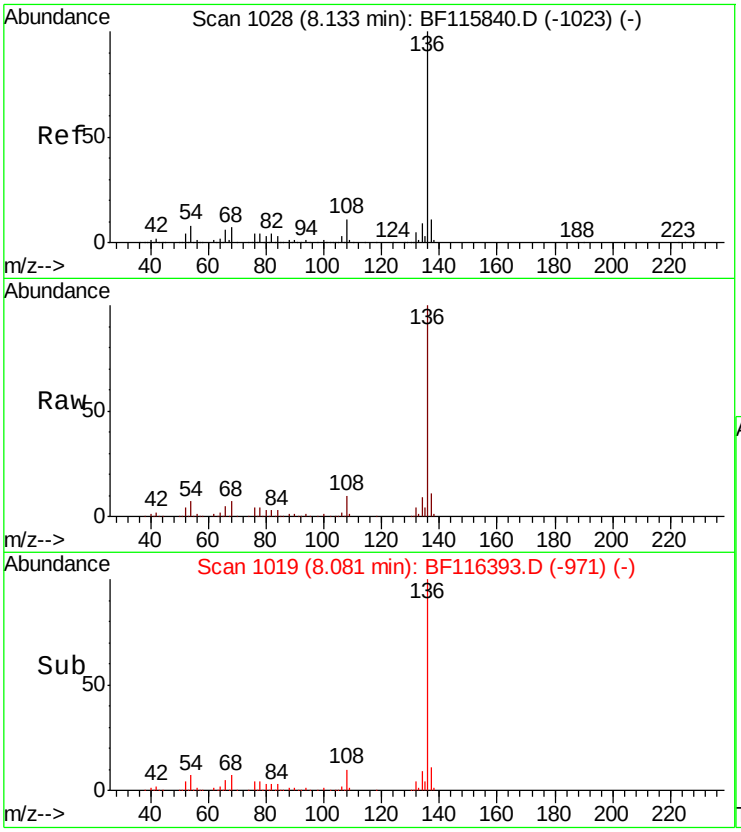


#19
n-Nitroso-di-n-propylamine
Concen: 13.723 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.13 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion: 70 Resp: 50217

Ion	Ratio	Lower	Upper
70	100		
42	45.2	40.9	61.3
101	0.0	7.9	11.9#
130	2.3	16.9	25.3#



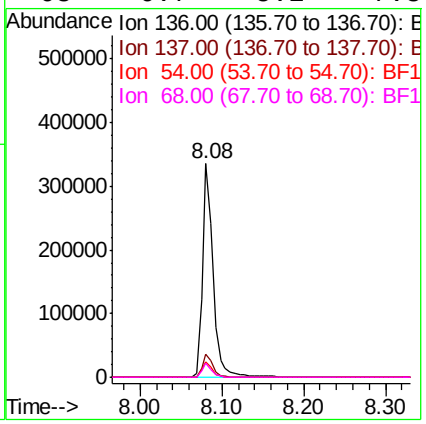


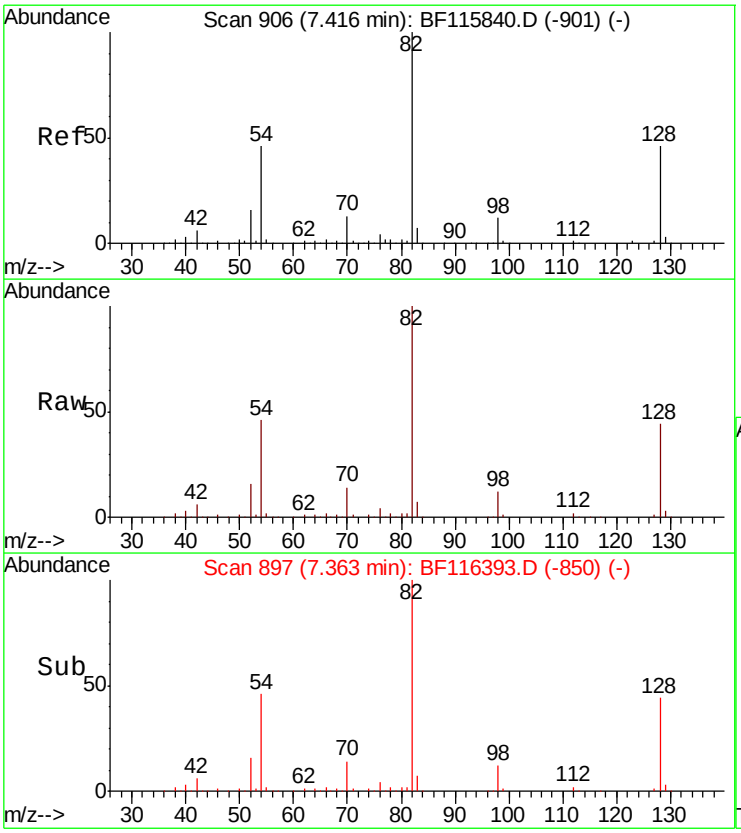
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:136 Resp: 304257

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.1	5.8	8.6
68	6.7	5.2	7.8

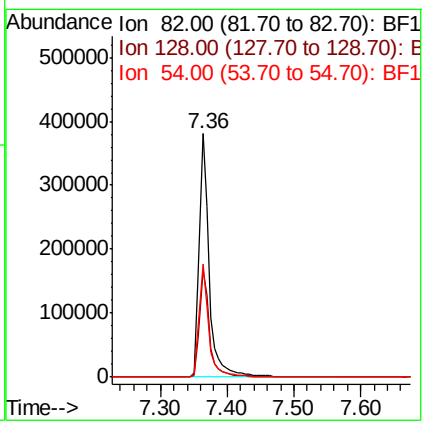


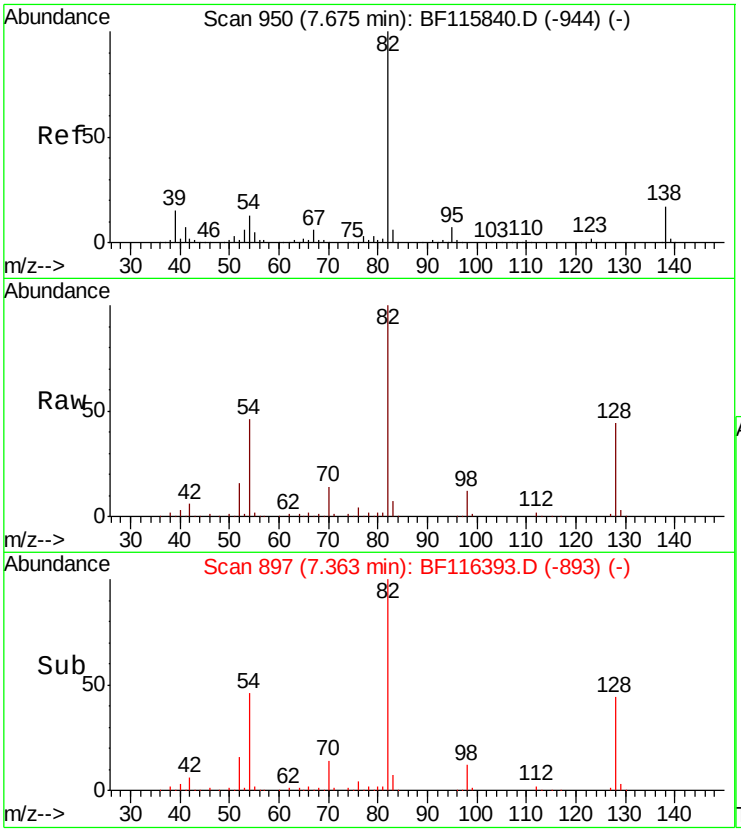


#23
Nitrobenzene-d5
Concen: 71.826 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion: 82 Resp: 378593

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.5	54.7
54	46.2	36.0	54.0



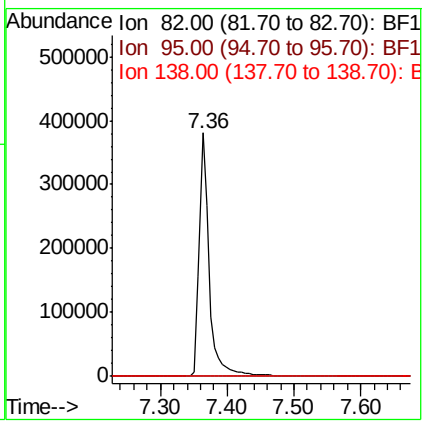


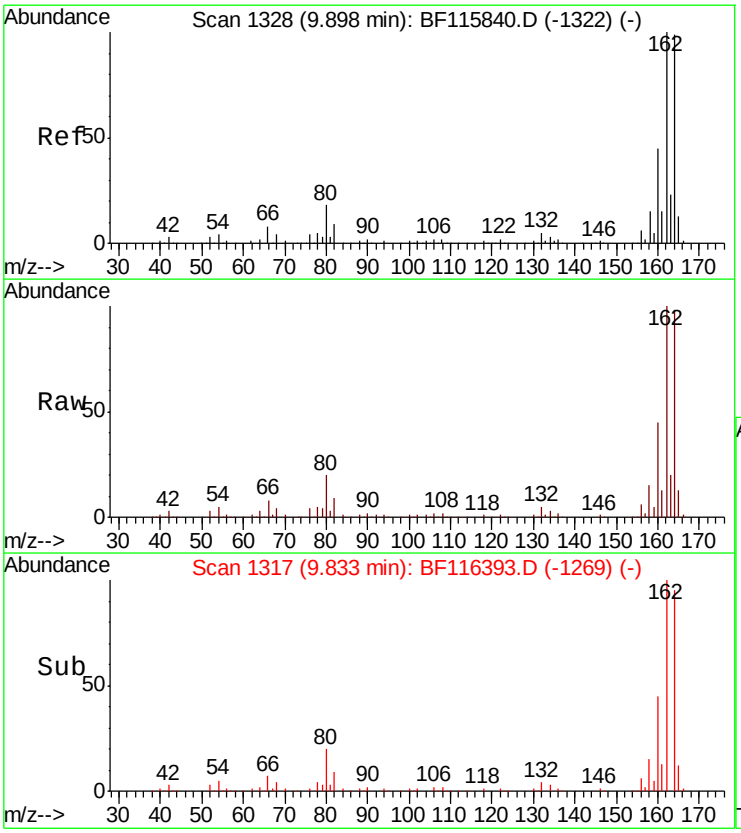
#25
Isophorone
Concen: 37.563 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion: 82 Resp: 378593

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

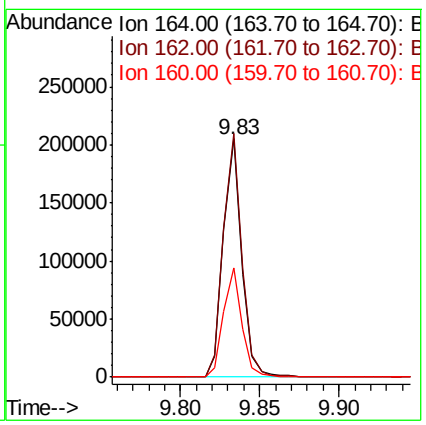


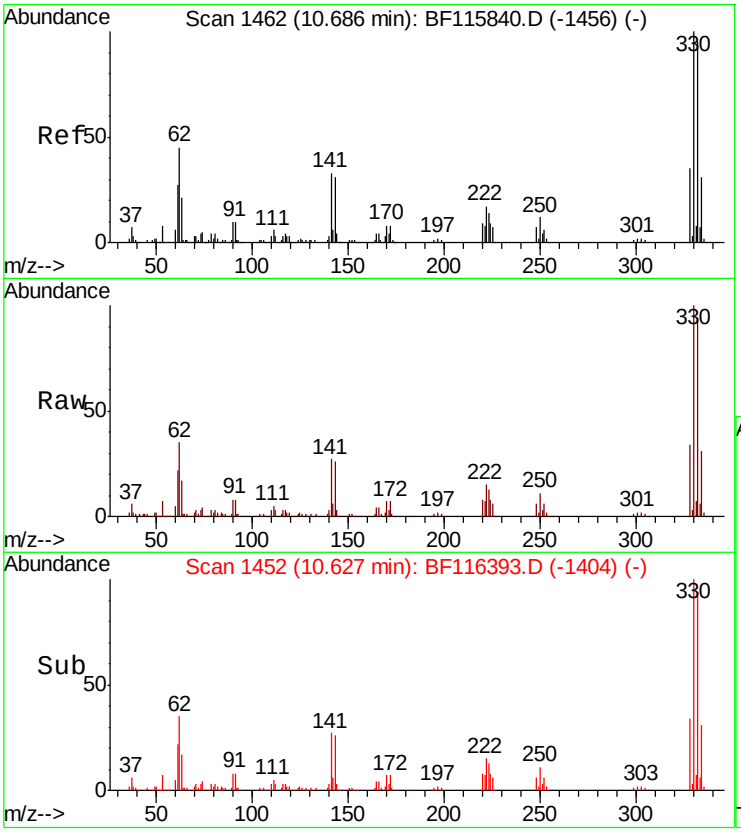


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:164 Resp: 164992

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	124.0
160	45.9	37.6	56.4



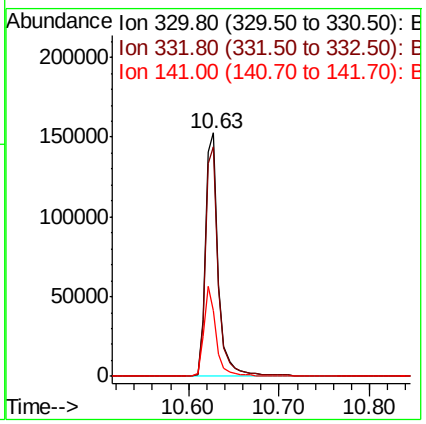


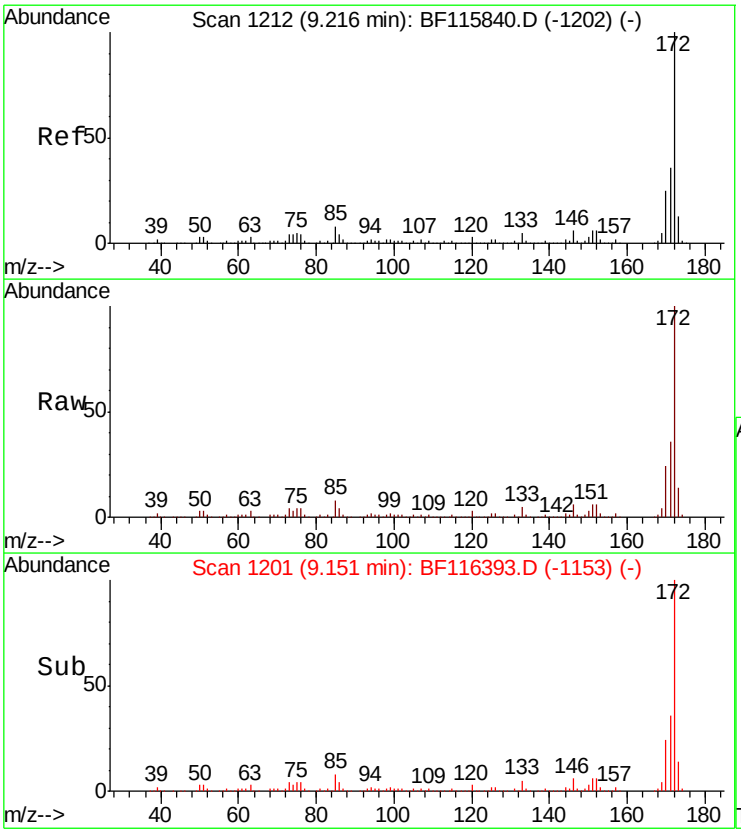
#42
2,4,6-Tribromophenol
Concen: 96.920 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:330 Resp: 155038

Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	34.7	26.3	39.5

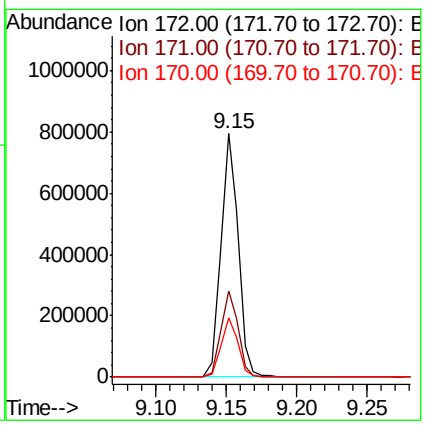


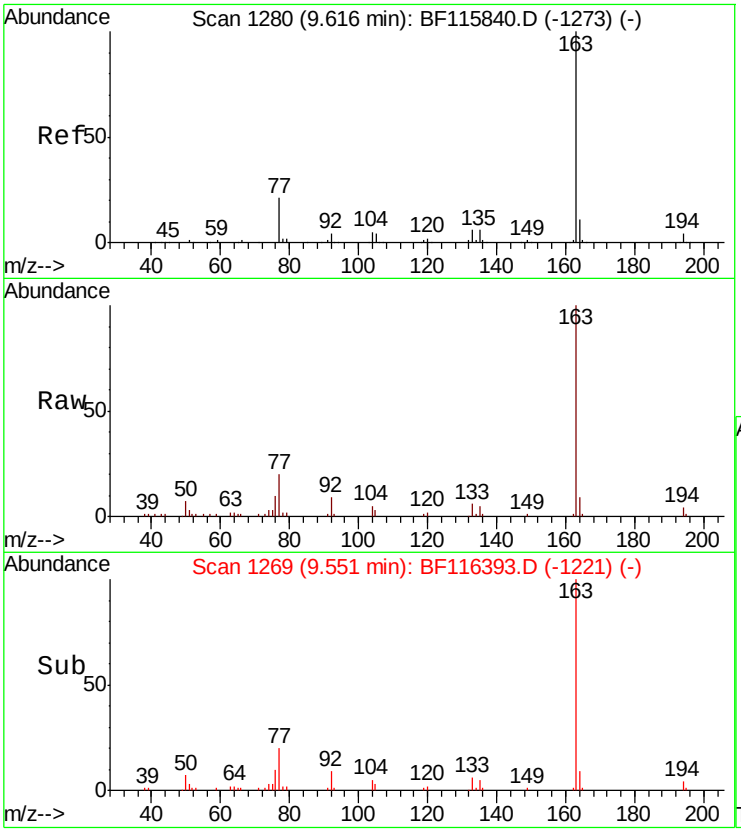


#45
2-Fluorobiphenyl
Concen: 76.389 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:172 Resp: 672886

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.4	20.1	30.1



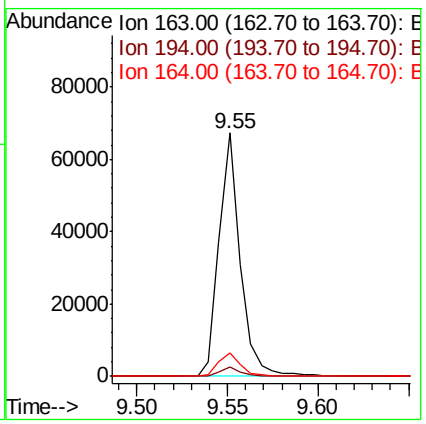


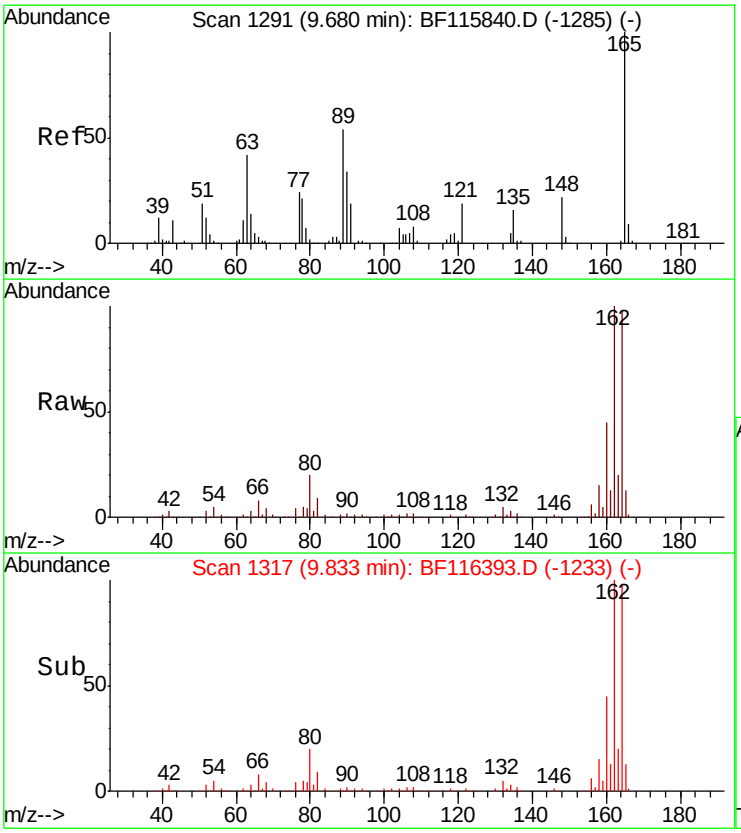
#50
Dimethylphthalate
Concen: 4.868 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:163 Resp: 54690

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.4	8.4	12.6

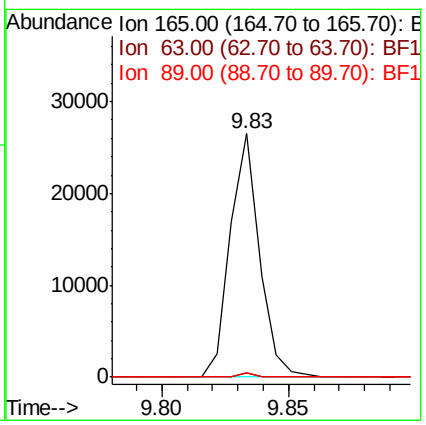


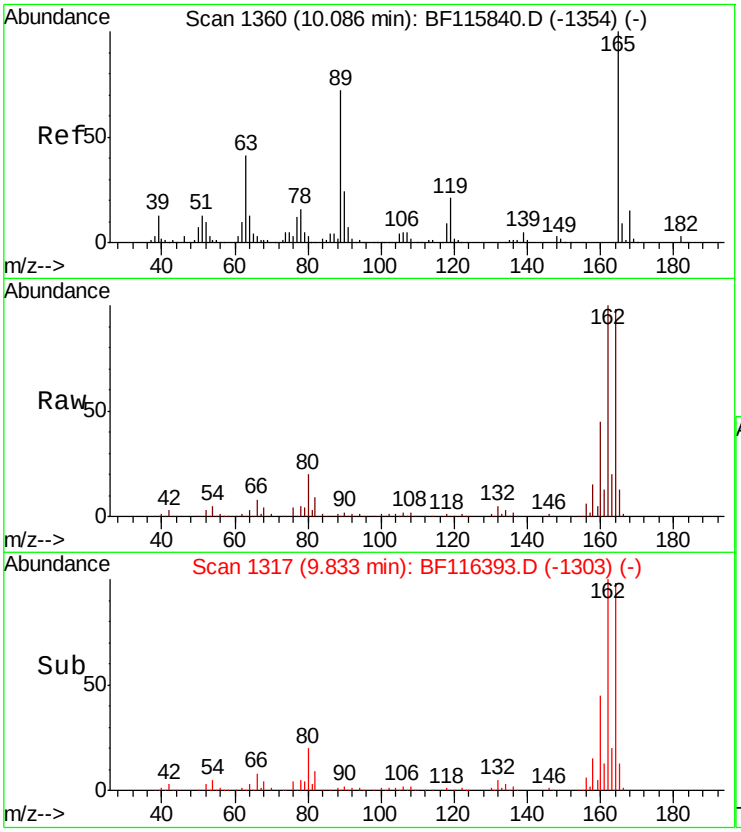


#51
2,6-Dinitrotoluene
Concen: 8.691 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.19 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:165 Resp: 21218

Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.2	57.2#
89	1.5	42.9	64.3#



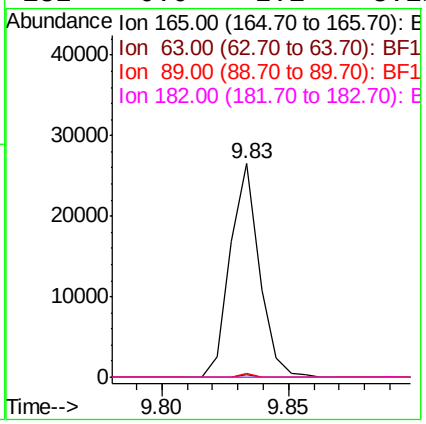


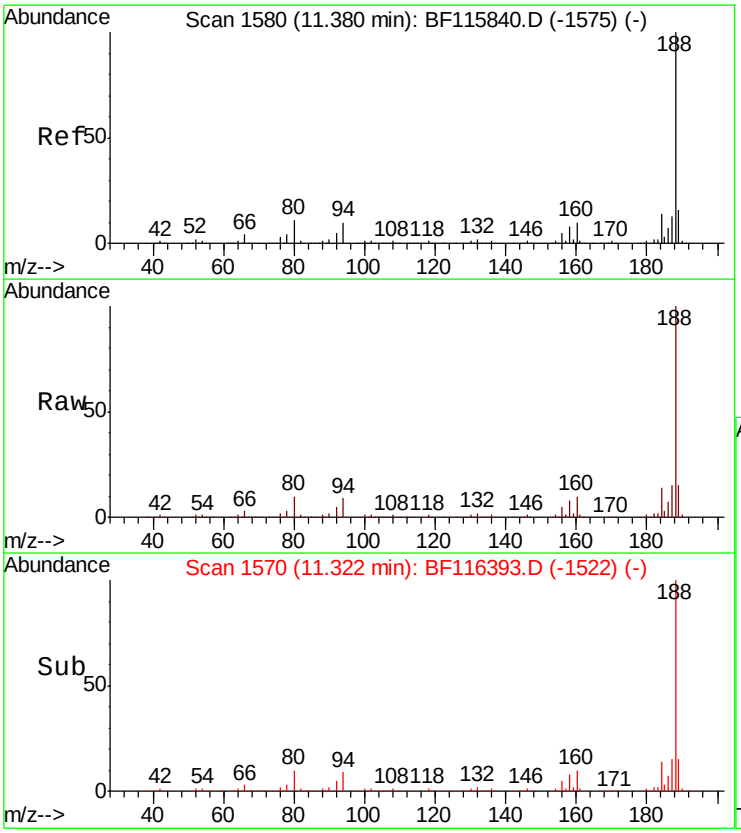
#57
2,4-Dinitrotoluene
Concen: 6.528 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:165 Resp: 21218

Ion	Ratio	Lower	Upper
165	100		
63	1.5	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#

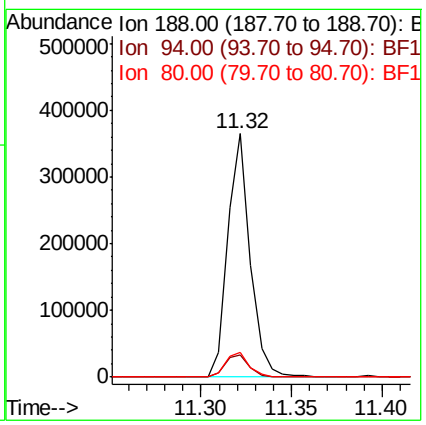


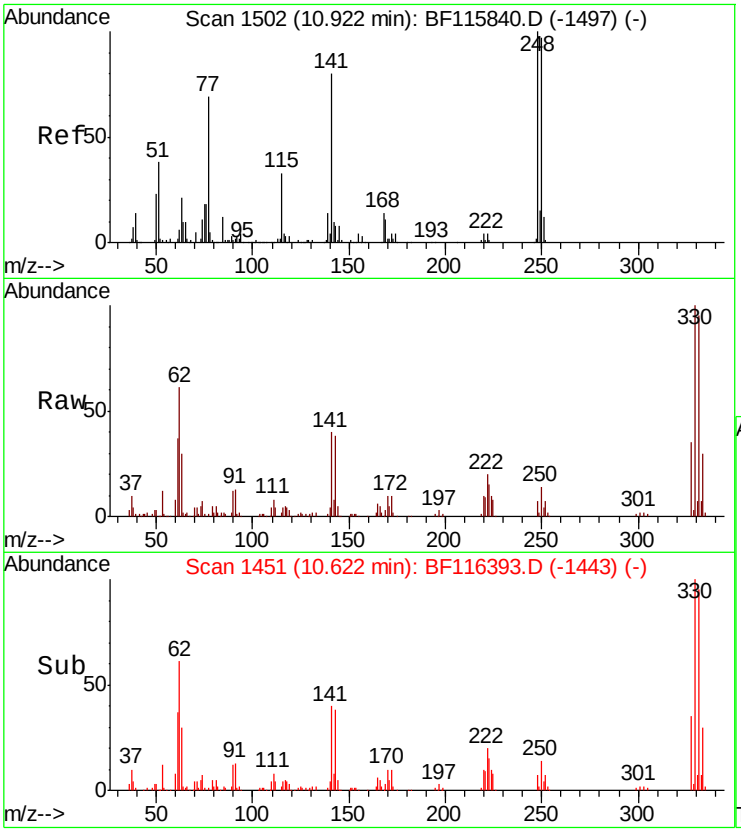


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:188 Resp: 314593

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.1	12.1
80	10.0	8.7	13.1



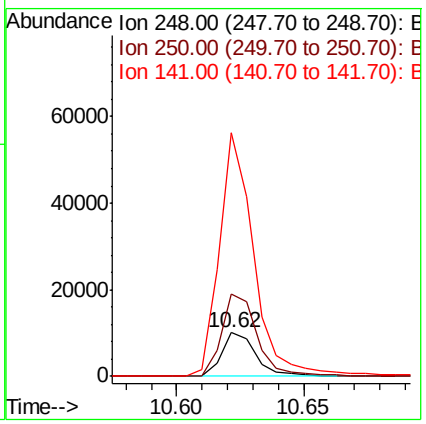


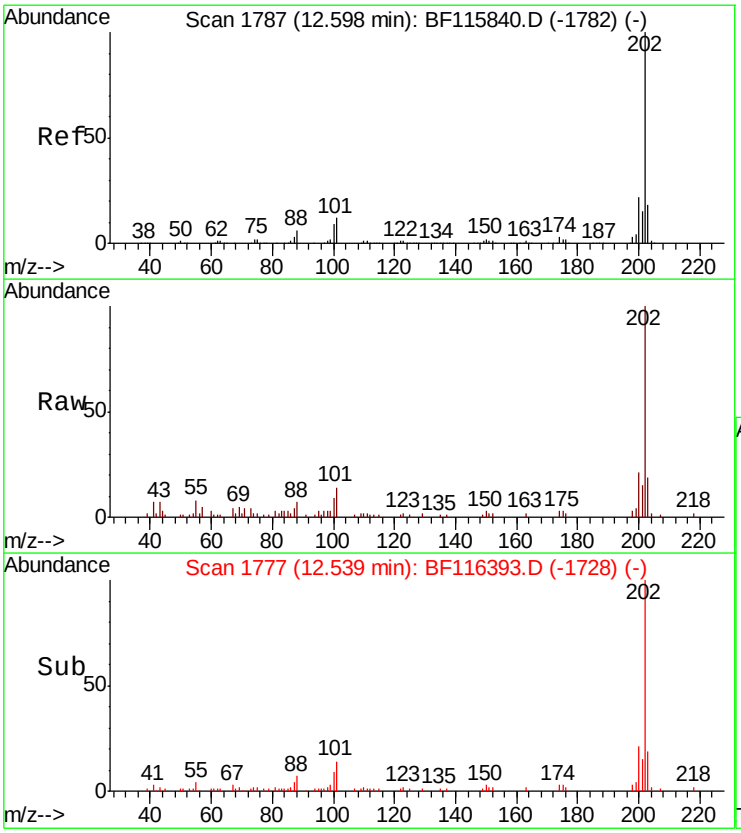
#67
4-Bromophenyl-phenylether
Concen: 2.764 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:248 Resp: 9309

Ion	Ratio	Lower	Upper
248	100		
250	187.9	77.4	116.2#
141	556.6	56.8	85.2#

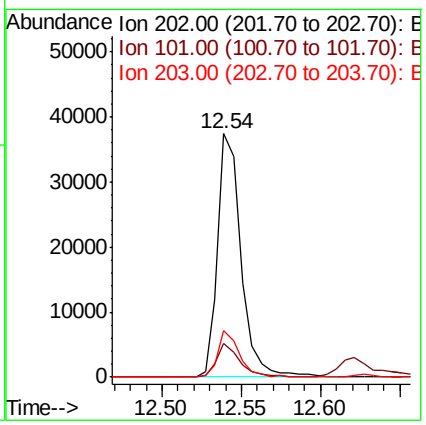


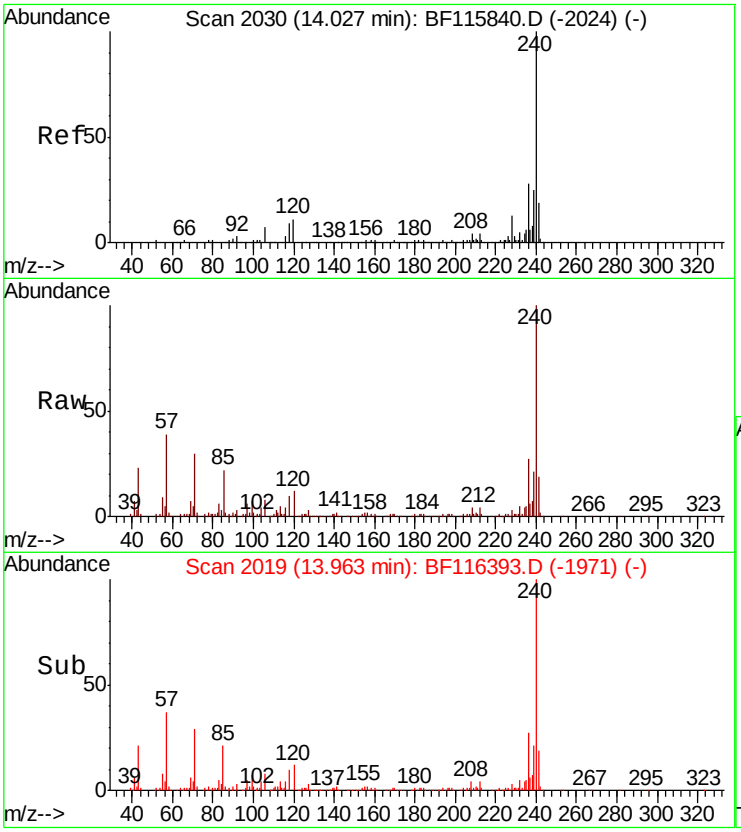


#75
Fluoranthene
Concen: 2.279 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:202 Resp: 38364

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	31.2
203	19.0	0.0	37.8



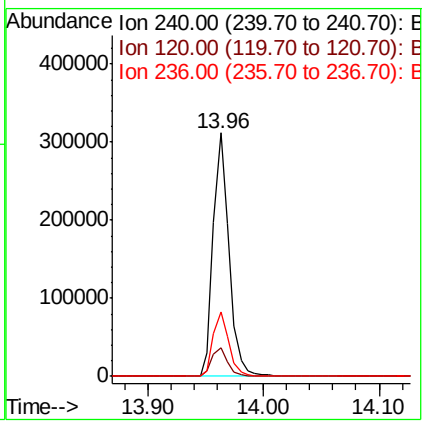


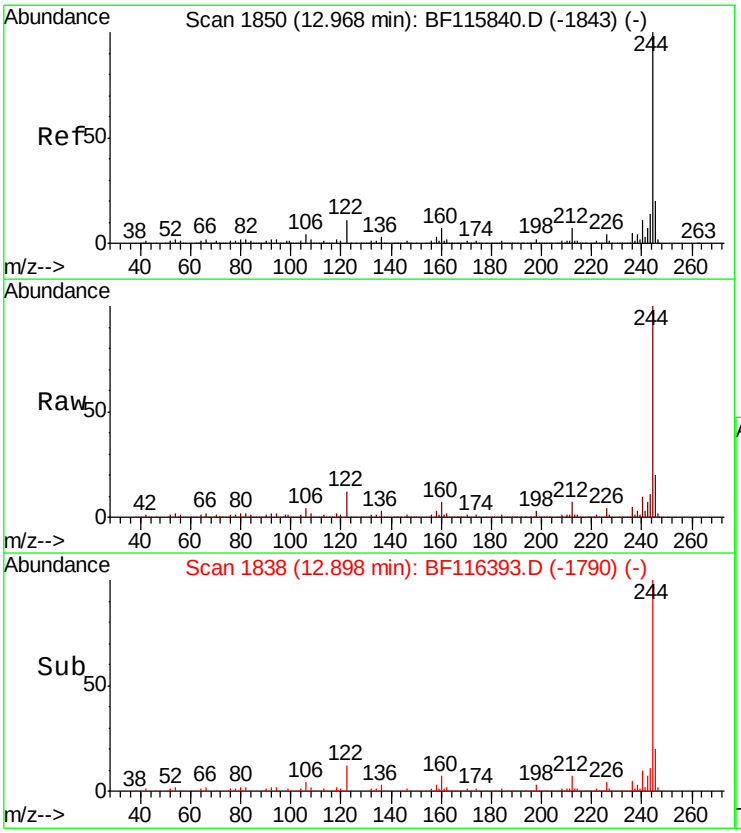
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:240 Resp: 296036

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	26.7	22.2	33.2

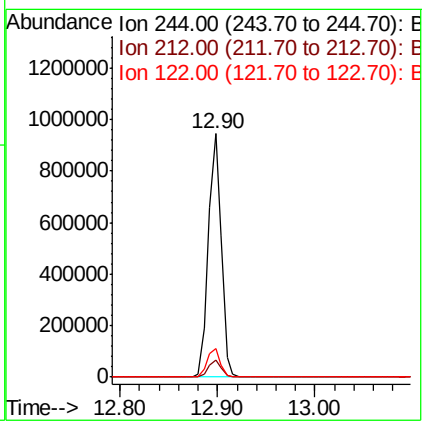


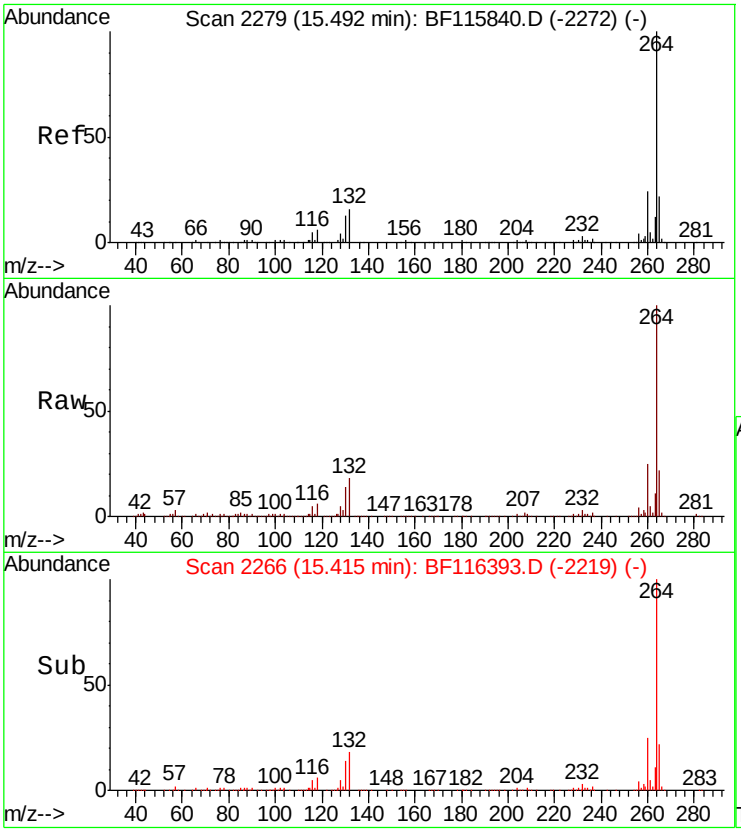


#79
Terphenyl-d14
Concen: 61.748 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:244 Resp: 867496

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.8	9.0	13.4



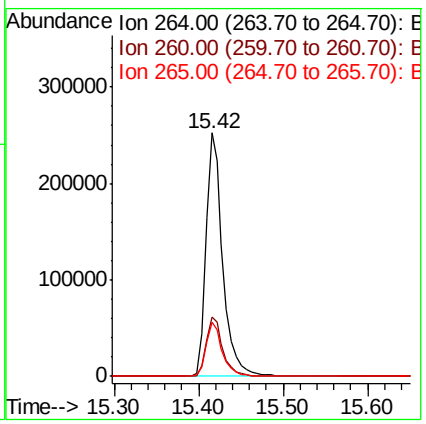


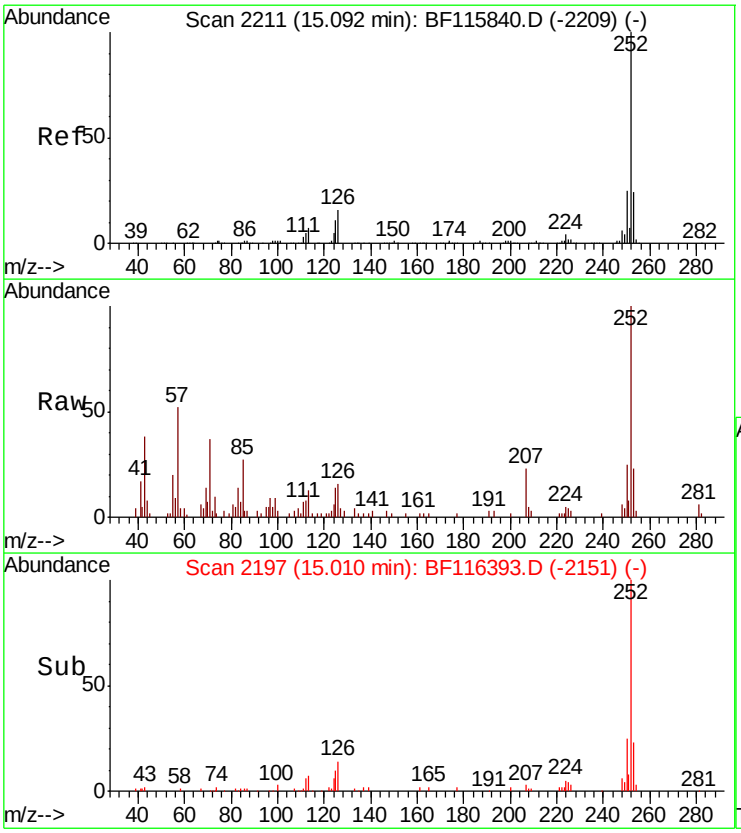
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Instrument :
BNA_F
ClientSampleId :
SS-18_081519

Tgt Ion:264 Resp: 348743

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.1	17.4	26.0





#89
Benzo(k)fluoranthene
Concen: 2.036 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF116393.D
Acq: 19 Aug 2019 17:51

Tgt Ion:252 Resp: 39997

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	13.6	7.7	11.5#