Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
Data File : BF113562.D
Acq On : 4 Apr 2019 00:17
Operator : JU/SJ
Sample : K2190-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 04 04:28:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	113507	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	391040	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	160912	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	294150	20.00	ng	0.00
76) Chrysene-d12	13.84	240	306577	20.00	ng	0.00
87) Perylene-d12	15.24	264	278641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	743061	111.63	ng	0.01
7) Phenol-d6	6.33	99	824393	100.49	ng	0.00
23) Nitrobenzene-d5	7.25	82	615856	92.25	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	248224	128.42	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1080689	108.12	ng	0.00
79) Terphenyl-d14	12.79	244	1126838	74.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	80262	15.865	ng	# 75
25) Isophorone	7.25	82	615849	47.888	ng	# 64
27) 2,4-Dimethylphenol	7.76	122	12993	2.456	ng	# 5
32) Benzoic acid	7.76	122	12993	3.172	ng	95
51) 2,6-Dinitrotoluene	9.72	165	20167	7.713	ng	# 25
57) 2,4-Dinitrotoluene	9.72	165	20167	6.378	ng	# 22
67) 4-Bromophenyl-phenylether	10.51	248	14216	4.309	ng	# 1

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

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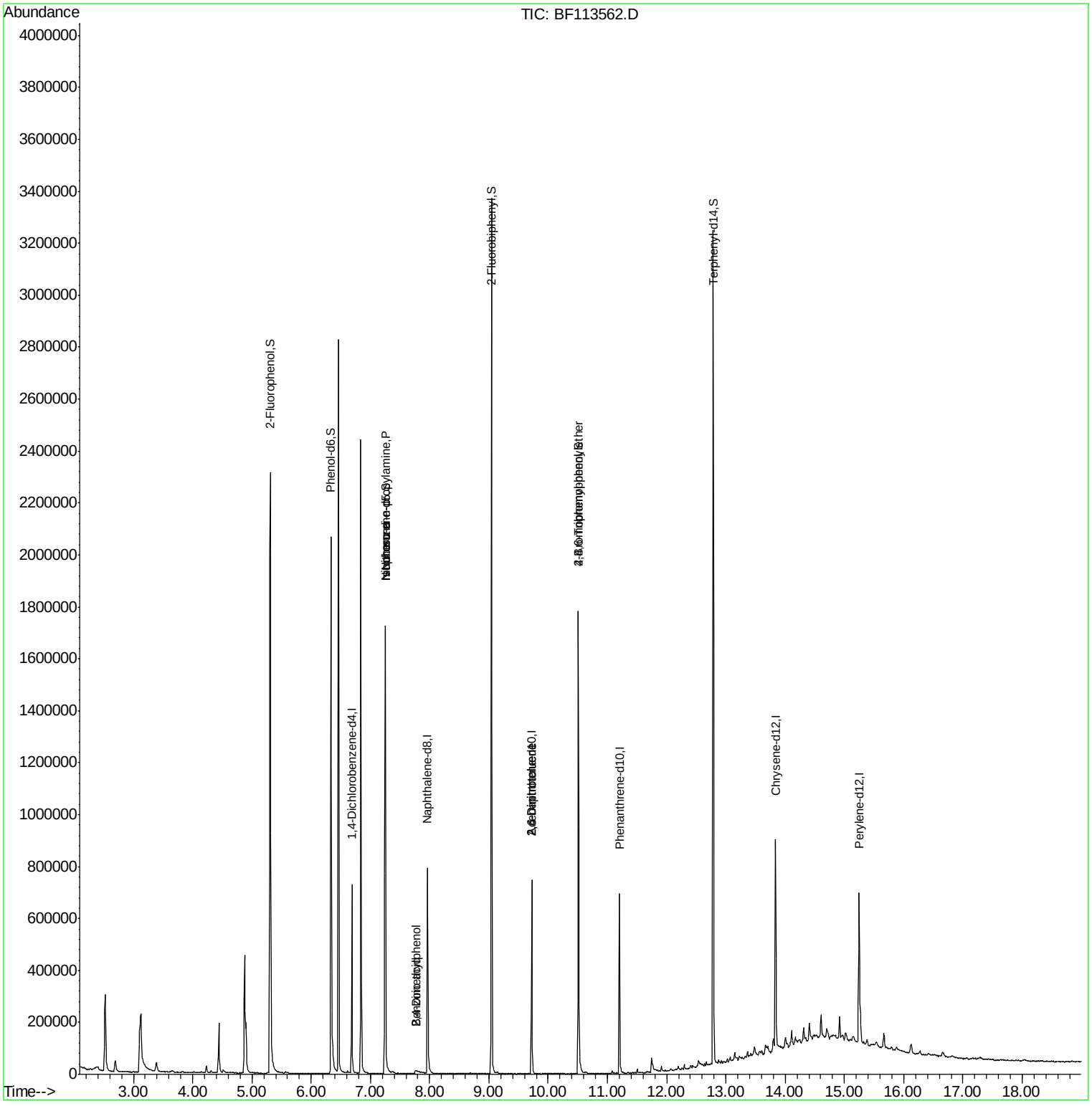
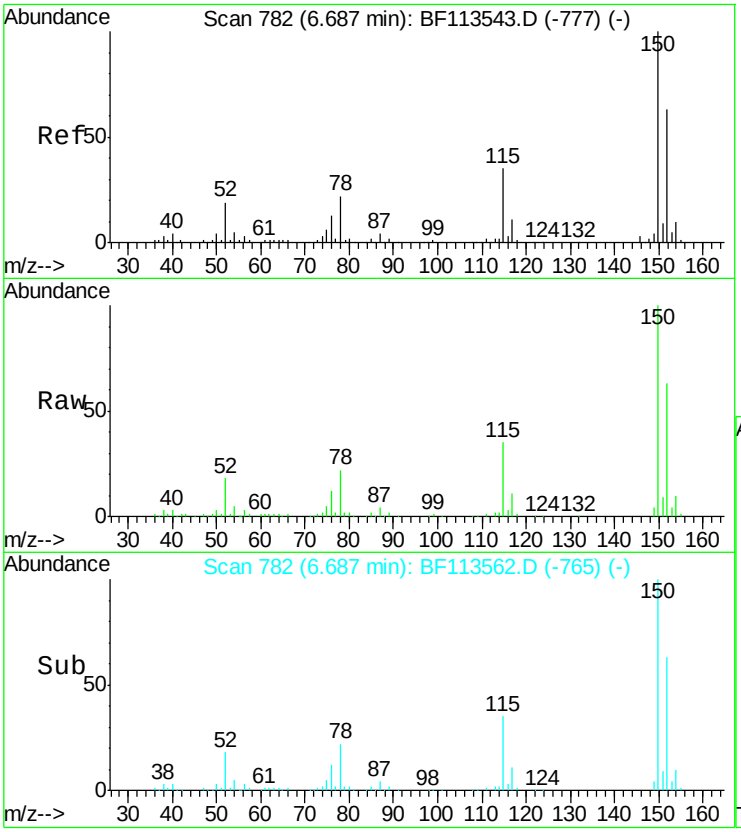


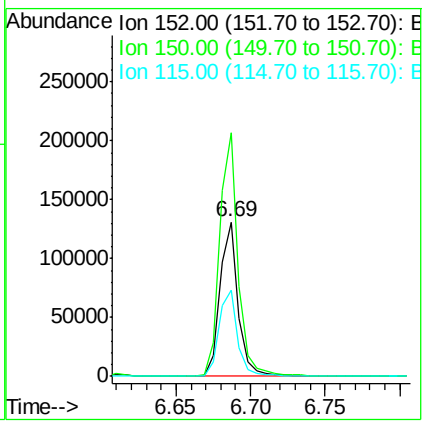


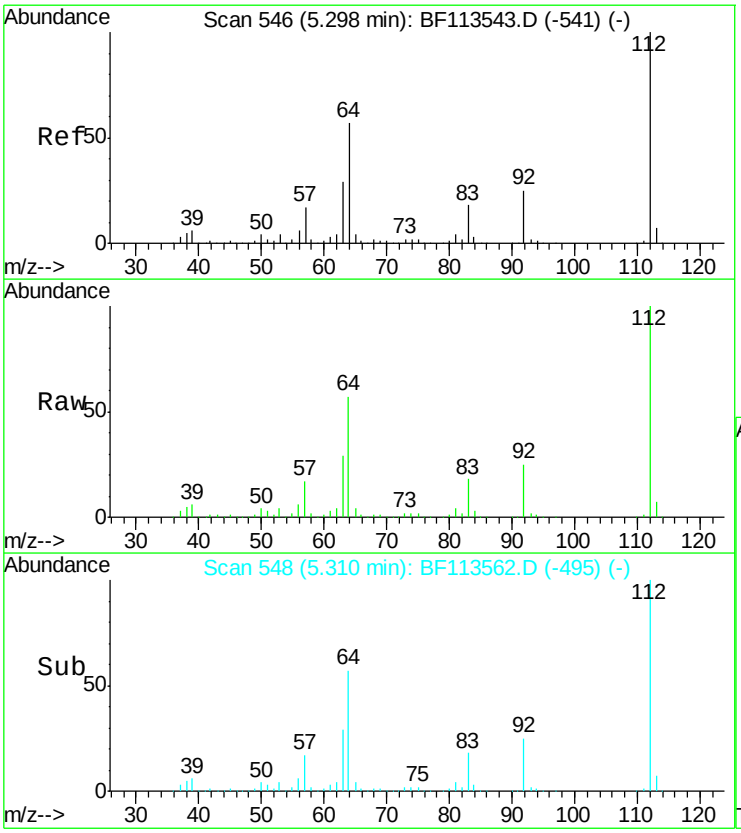
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 113507

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.7	187.1
115	55.4	46.0	69.0

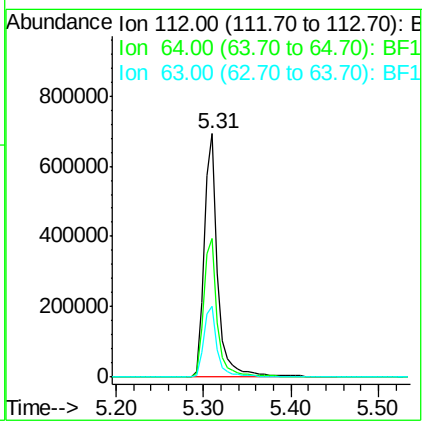


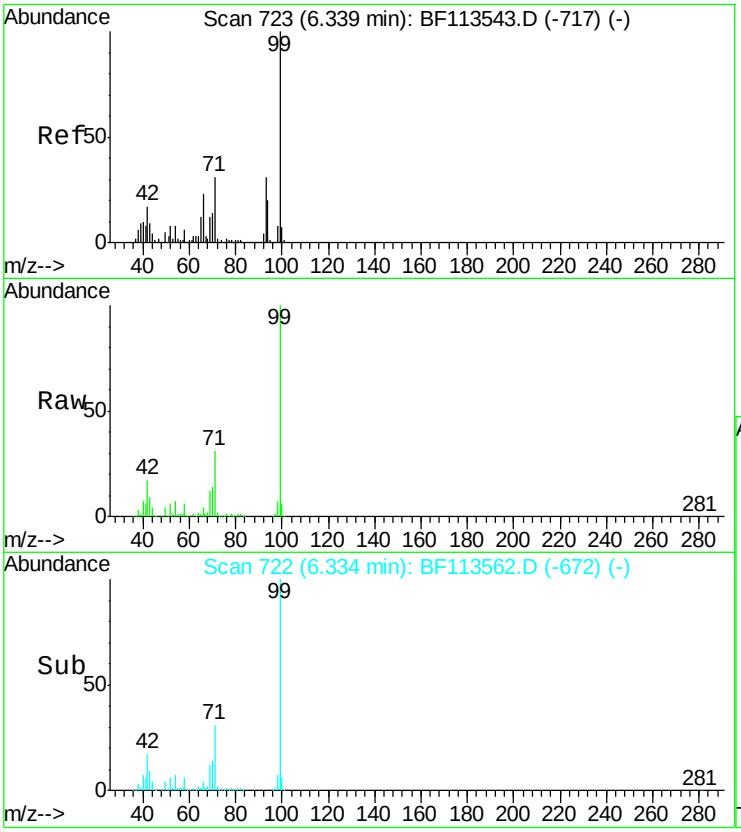


#5
2-Fluorophenol
Concen: 111.631 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:112 Resp: 743061

Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.2	73.8
63	29.2	24.9	37.3



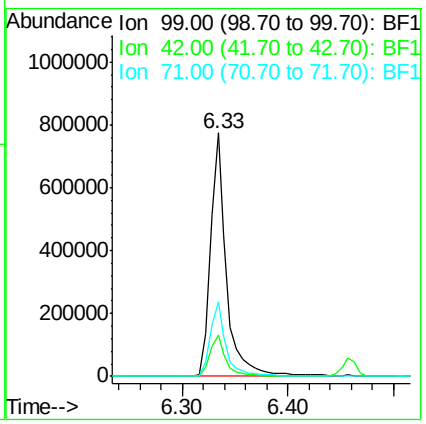


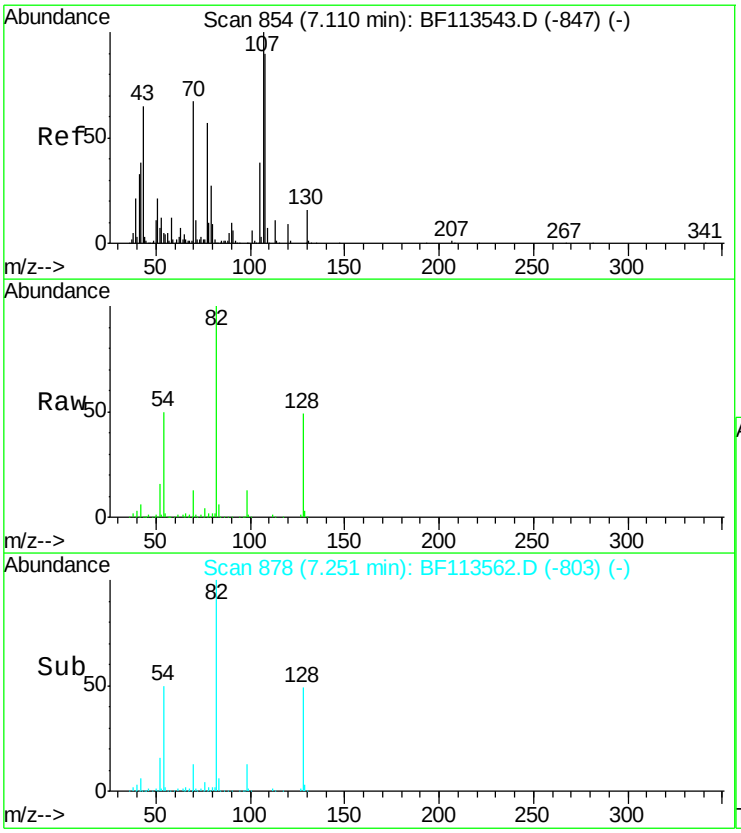
#7
Phenol-d6
Concen: 100.486 ng
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 824393

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.8	22.2
71	30.8	24.9	37.3

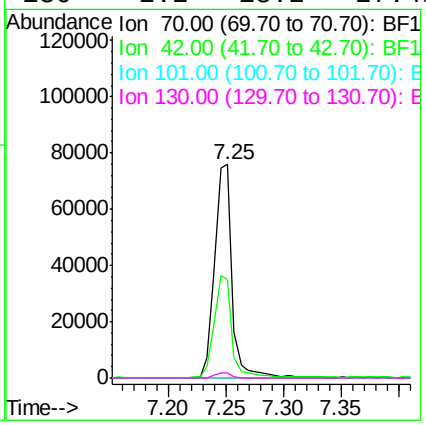


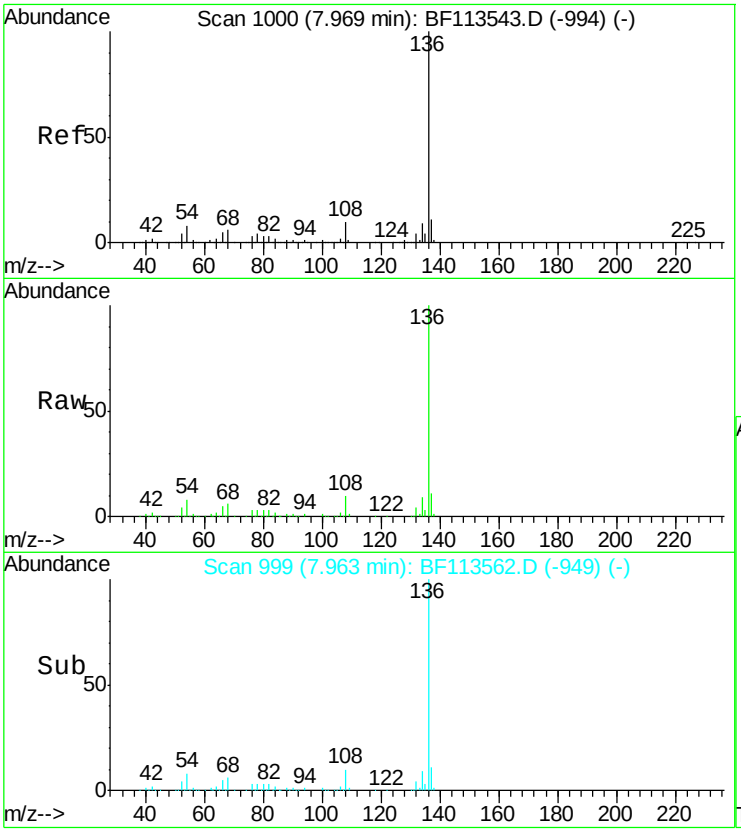


#19
n-Nitroso-di-n-propylamine
Concen: 15.865 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.14 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion: 70 Resp: 80262

Ion	Ratio	Lower	Upper
70	100		
42	46.3	48.4	72.6#
101	0.0	7.8	11.8#
130	2.2	18.2	27.4#



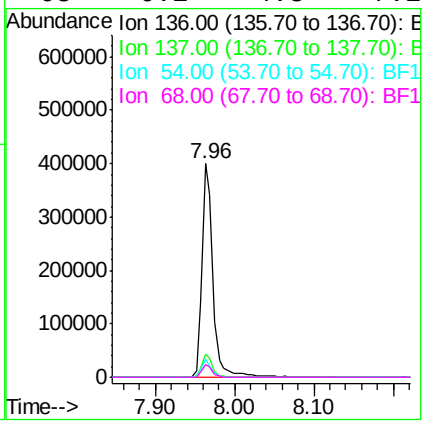


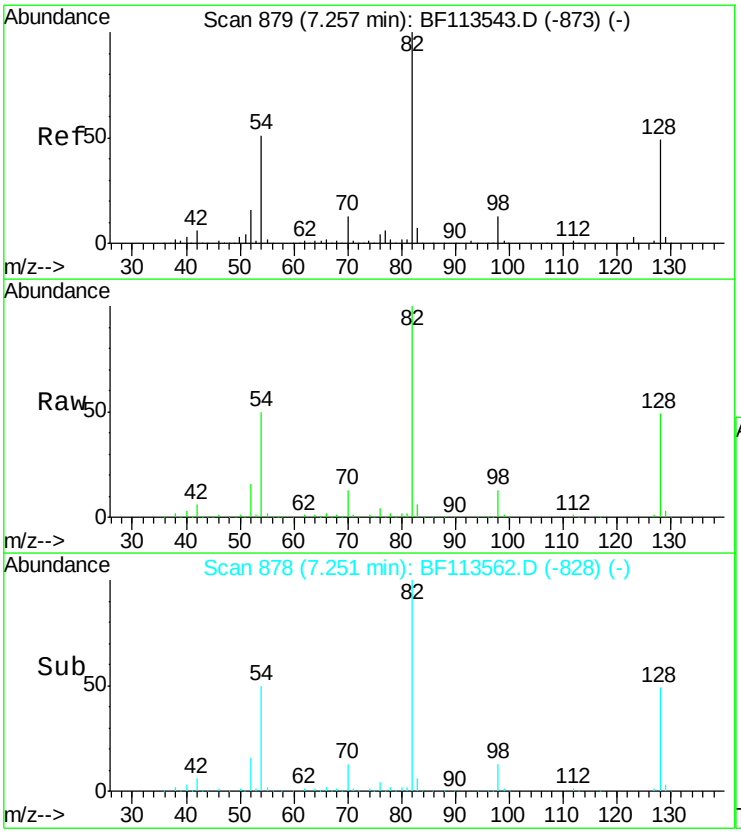
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 391040

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	7.0	10.6
68	6.2	4.8	7.2

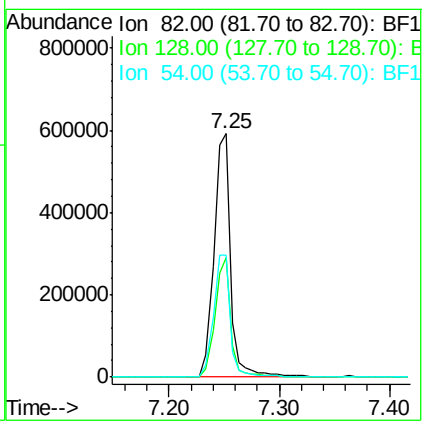


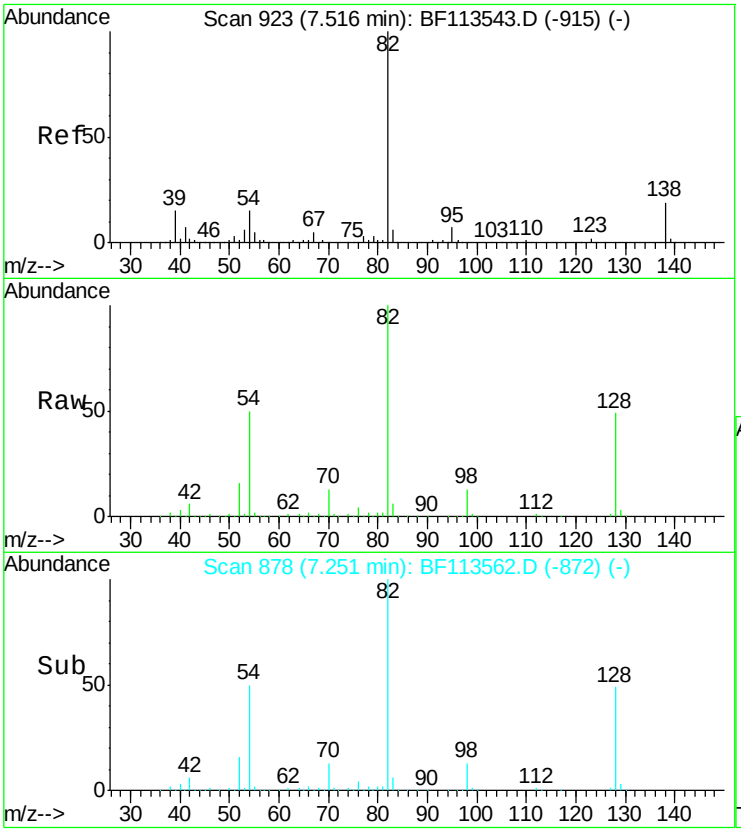


#23
Nitrobenzene-d5
Concen: 92.251 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion: 82 Resp: 615856

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.5	54.7
54	50.0	42.2	63.2



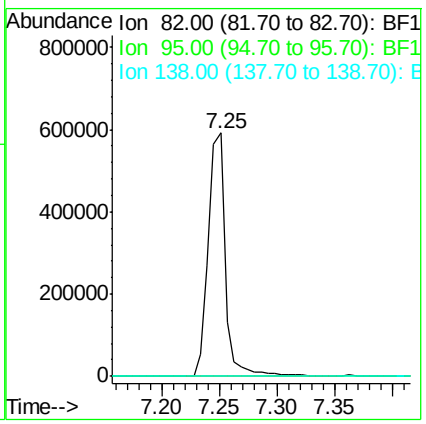


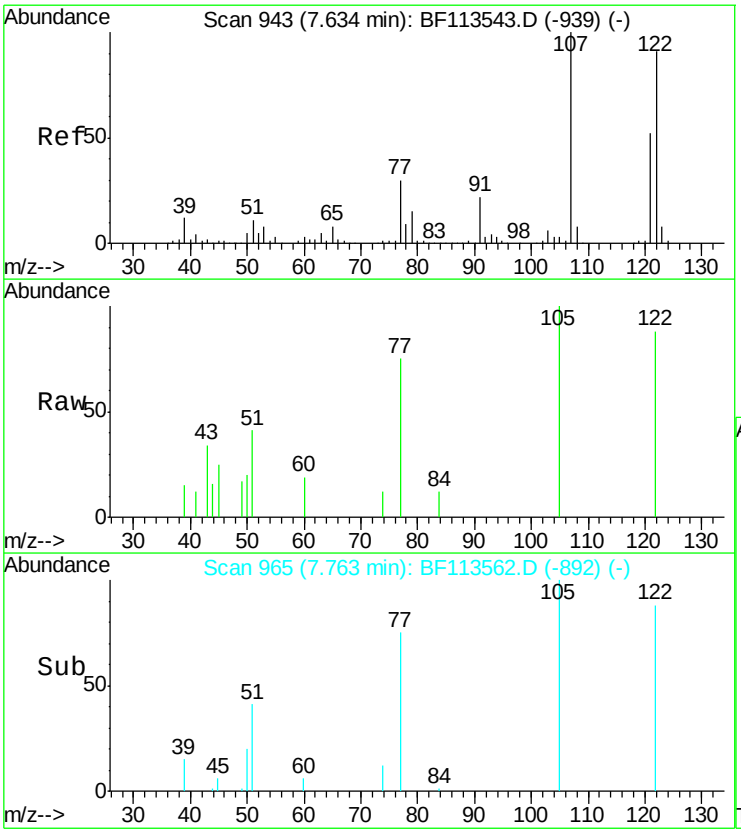
#25
Isophorone
Concen: 47.888 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.26 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 615849

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#

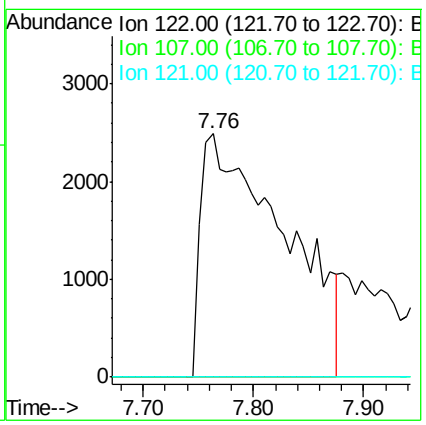


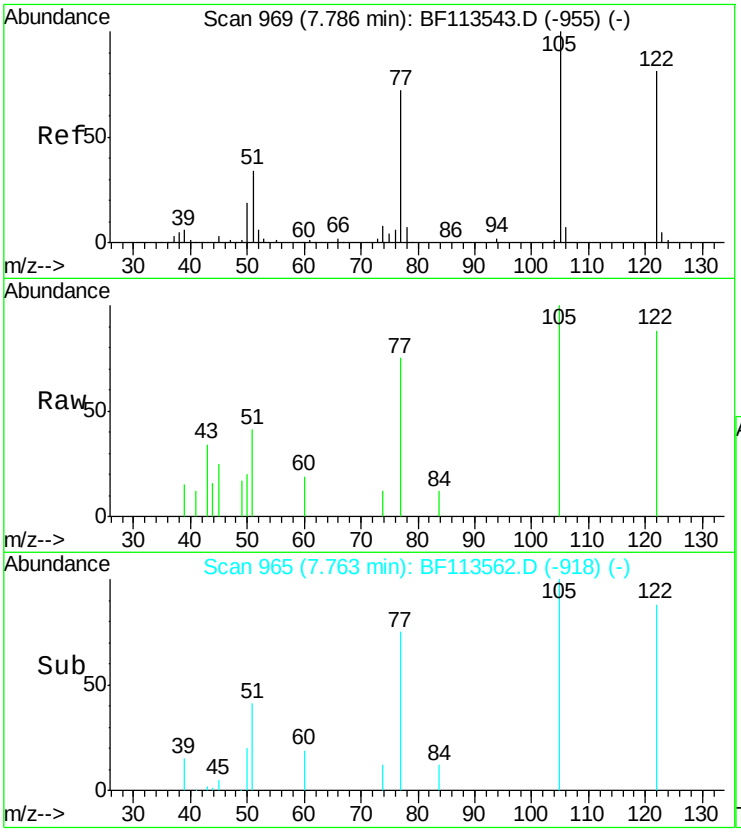


#27
2,4-Dimethylphenol
Concen: 2.456 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.13 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:122 Resp: 12993

Ion	Ratio	Lower	Upper
122	100		
107	0.0	88.8	133.2#
121	0.0	45.5	68.3#



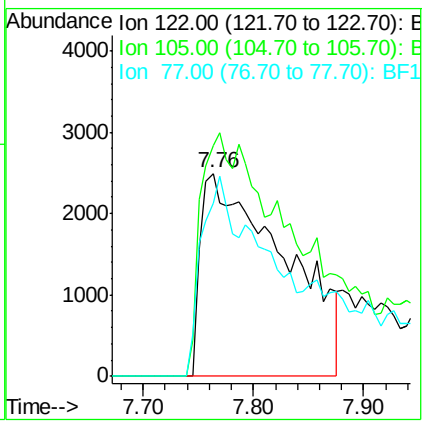


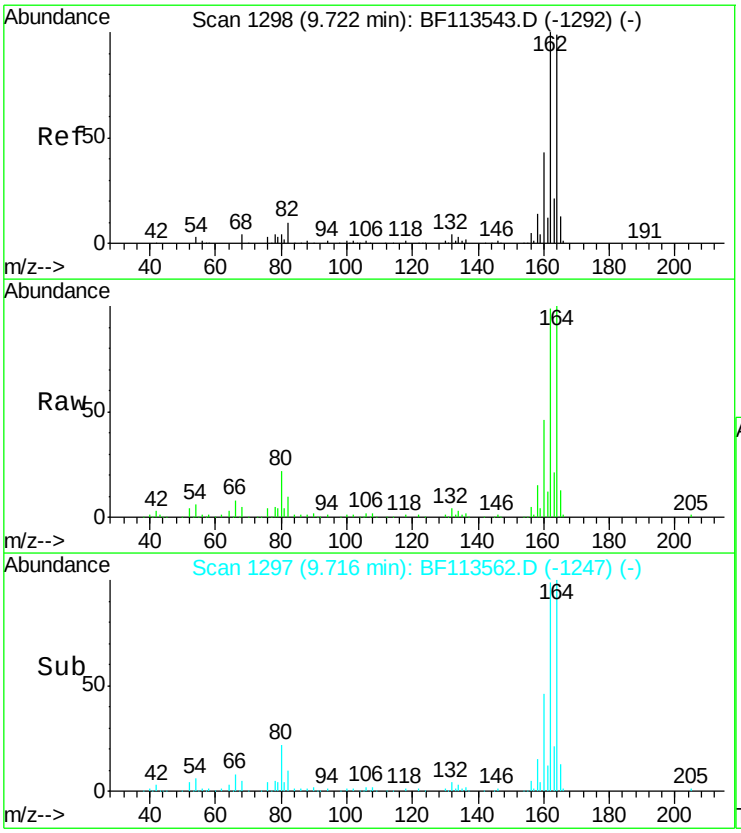
#32
Benzoic acid
Concen: 3.172 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 12993

Ion	Ratio	Lower	Upper
122	100		
105	113.9	100.4	140.4
77	85.2	69.0	109.0

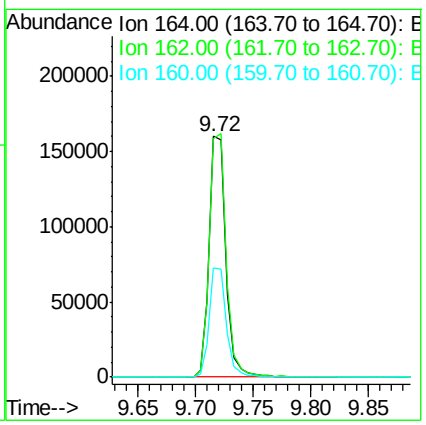


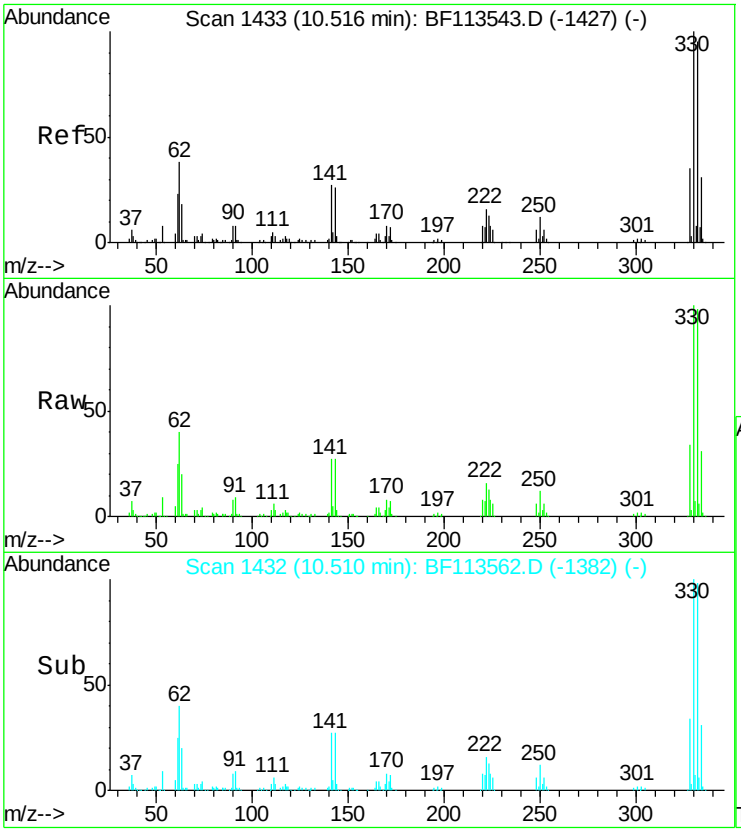


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:164 Resp: 160912

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.8	122.6
160	45.5	36.4	54.6



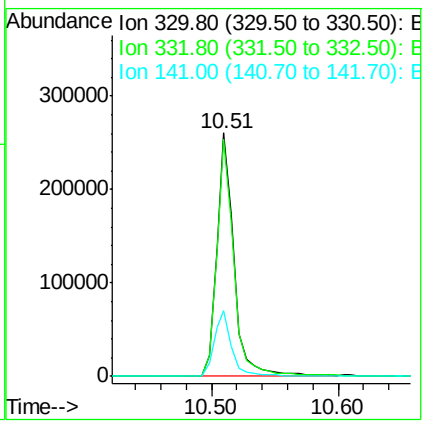


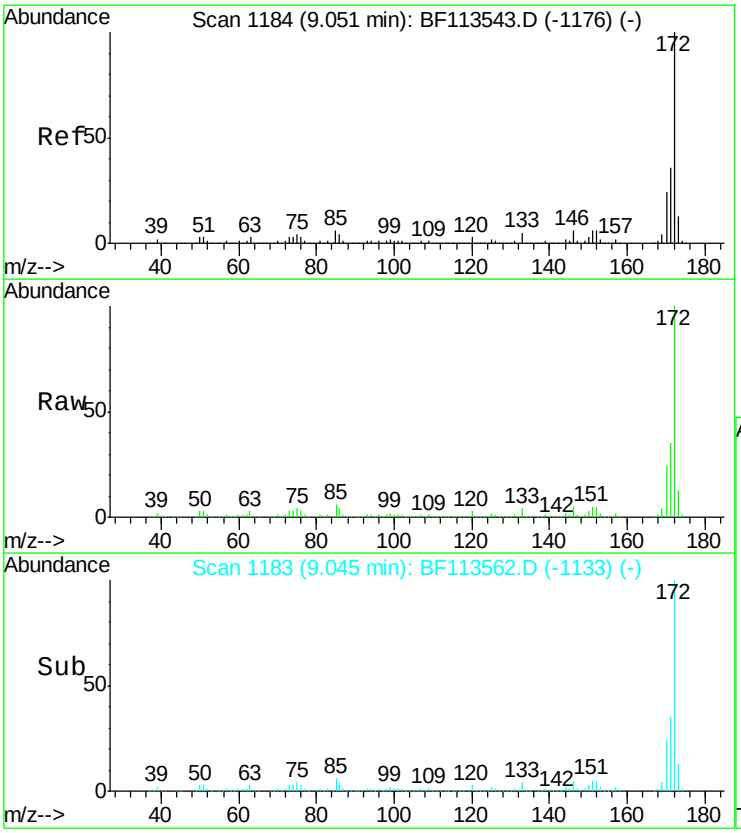
#42
2,4,6-Tribromophenol
Concen: 128.418 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 248224

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.8	116.6
141	27.7	22.7	34.1

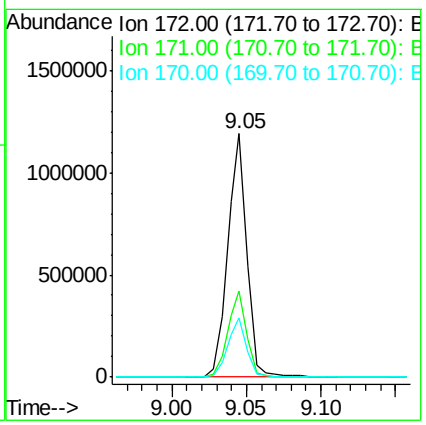


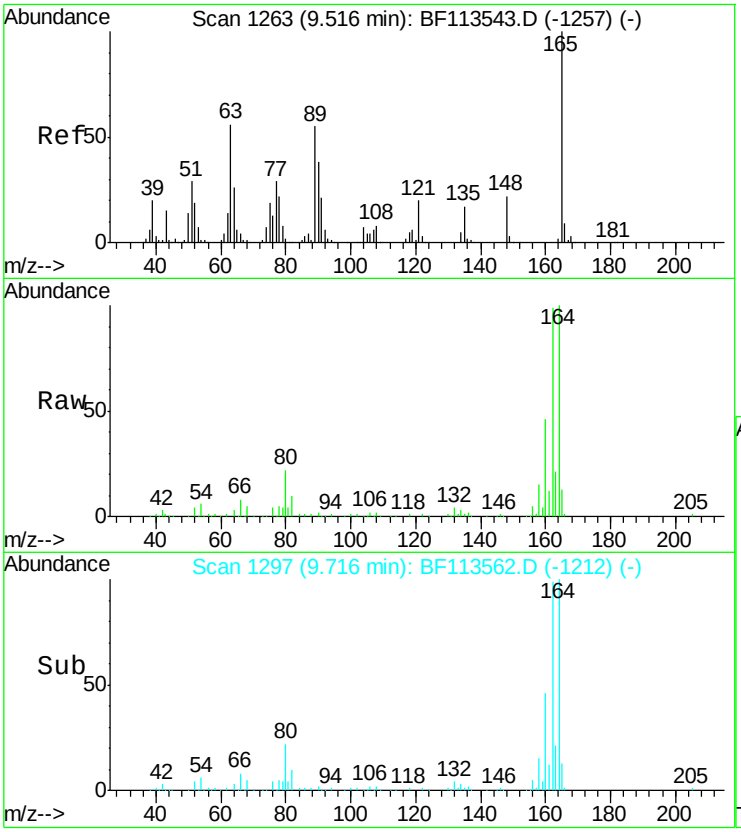


#45
2-Fluorobiphenyl
Concen: 108.121 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:172 Resp: 1080689

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.1	19.5	29.3



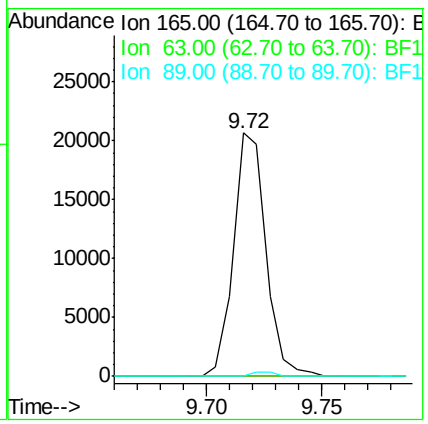


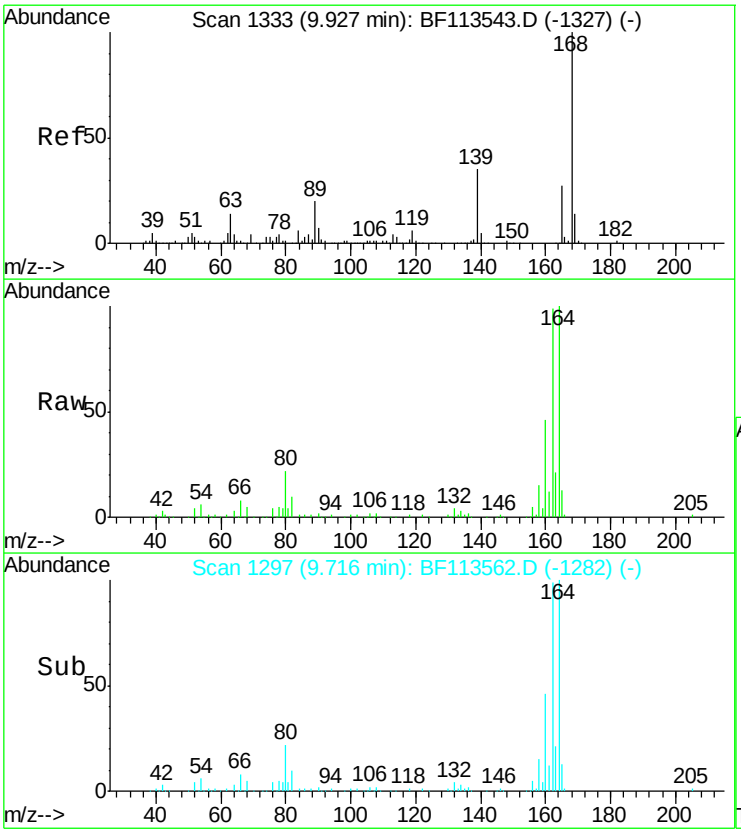
#51
2,6-Dinitrotoluene
Concen: 7.713 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.20 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 20167

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.0#
89	0.0	43.1	64.7#

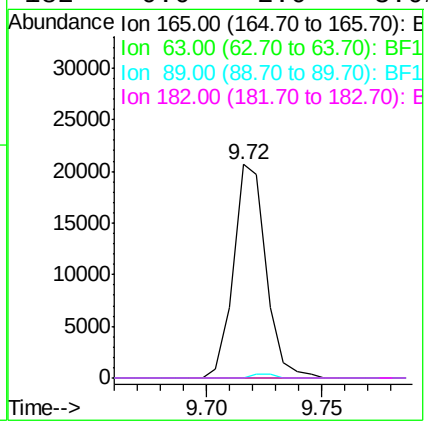


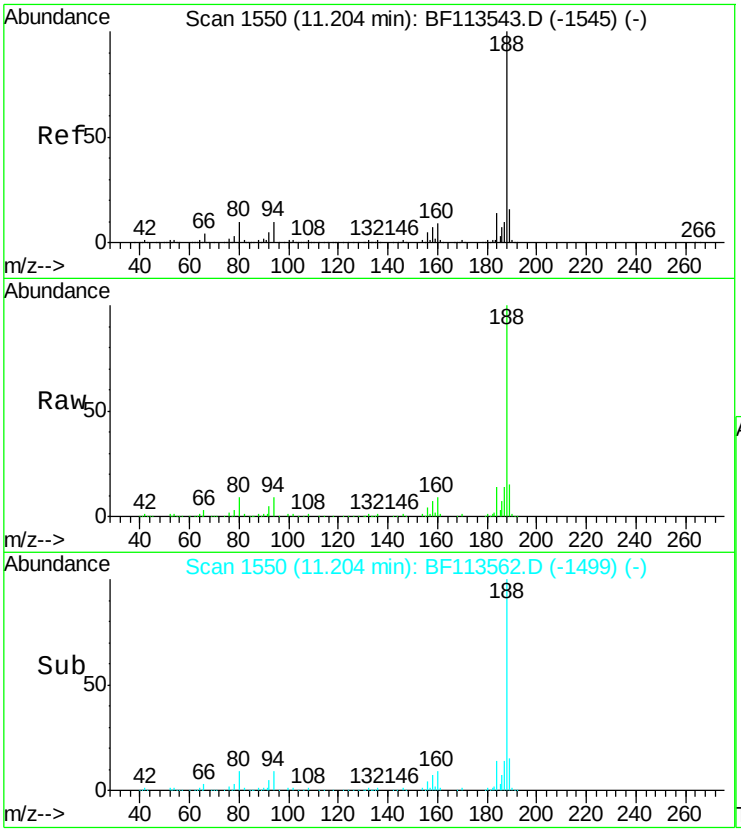


#57
2,4-Dinitrotoluene
Concen: 6.378 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.21 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:165 Resp: 20167

Ion	Ratio	Lower	Upper
165	100		
63	0.0	37.5	56.3#
89	0.0	57.4	86.2#
182	0.0	2.0	3.0#



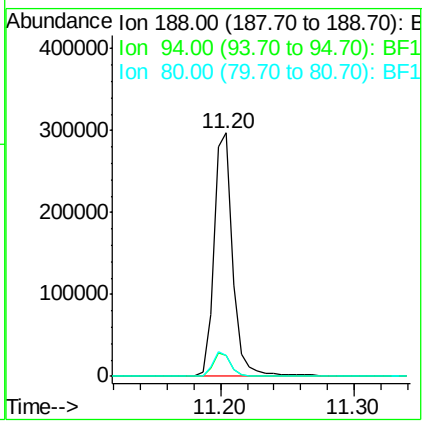


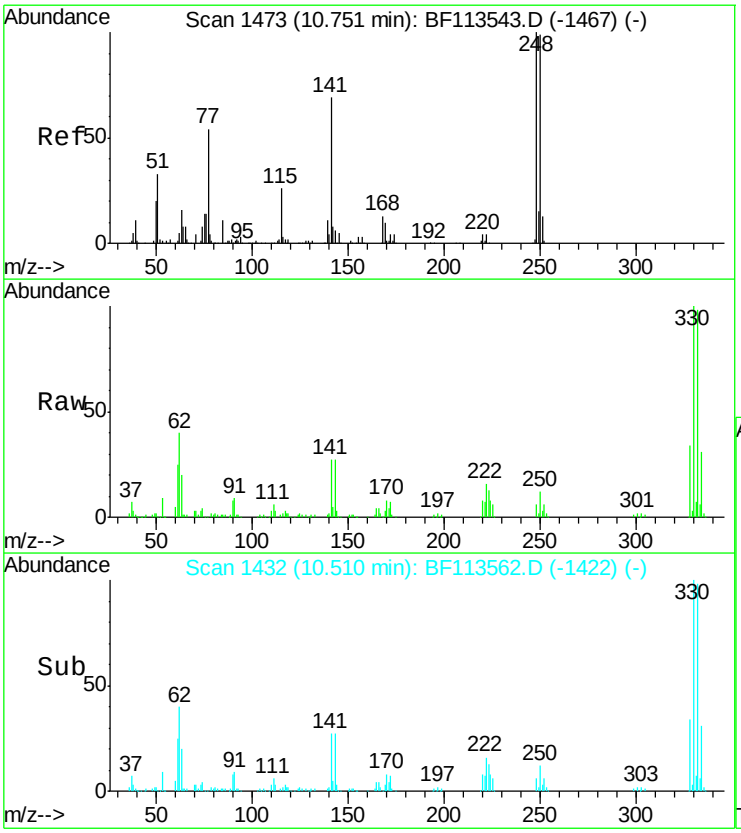
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 294150

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.8	7.7	11.5

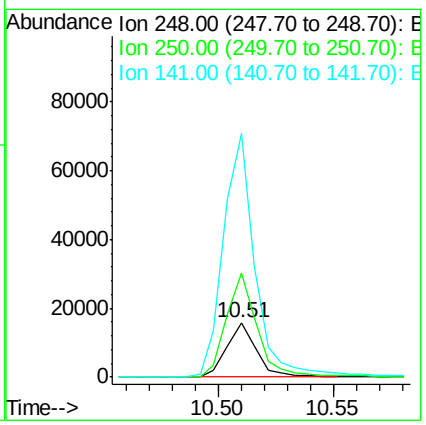


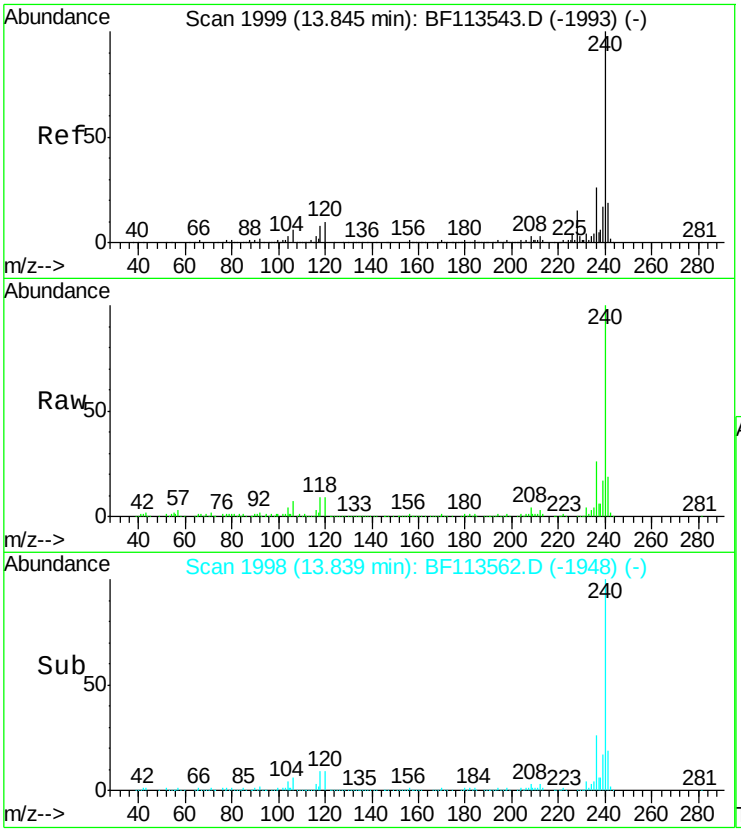


#67
4-Bromophenyl-phenylether
Concen: 4.309 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.24 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:248 Resp: 14216

Ion	Ratio	Lower	Upper
248	100		
250	189.8	78.3	117.5#
141	445.5	56.2	84.4#



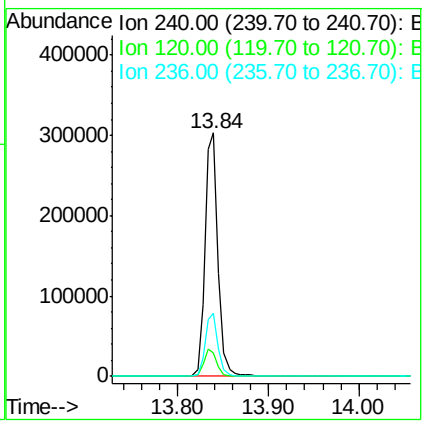


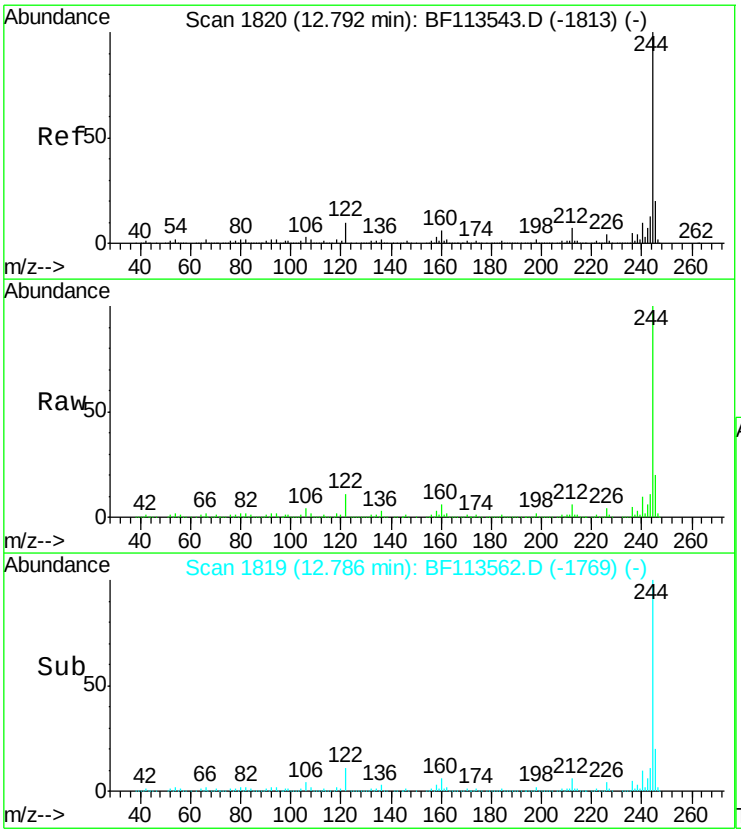
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 306577

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.8	13.2
236	25.8	20.9	31.3

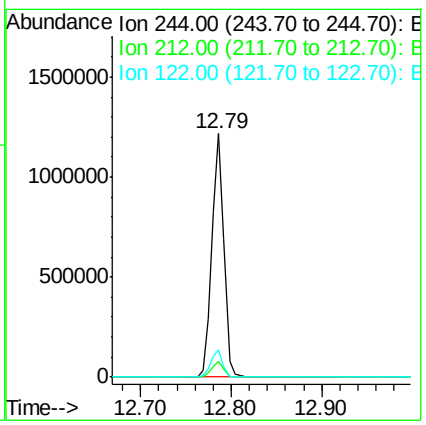


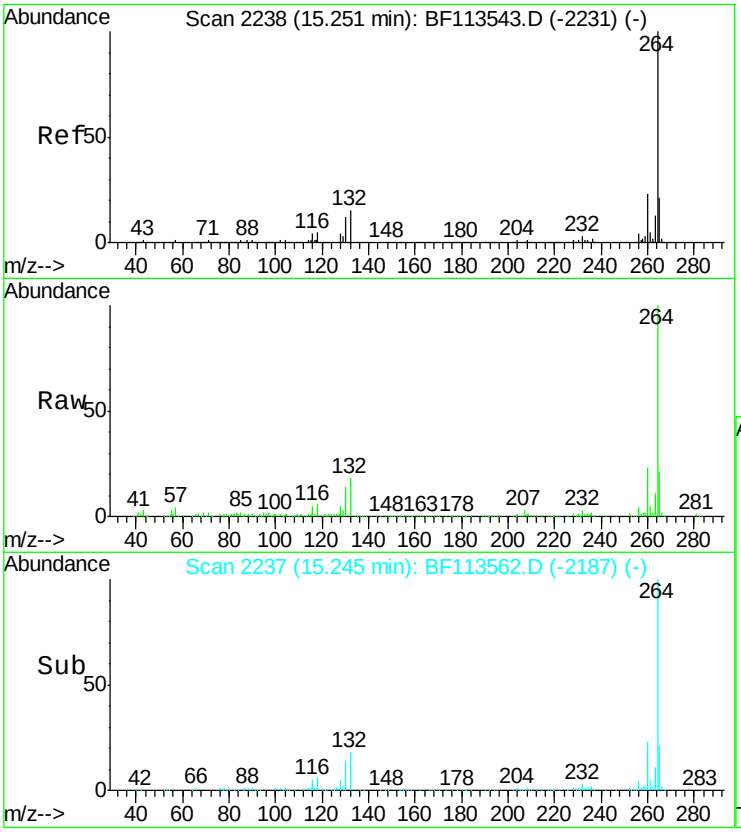


#79
Terphenyl-d14
Concen: 74.835 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Tgt Ion:244 Resp: 1126838

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.5	8.3
122	11.1	8.6	13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF113562.D
Acq: 4 Apr 2019 00:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 278641

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.3	17.1	25.7