Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
Data File : BF118335.D
Acq On : 27 Dec 2019 13:56
Operator : JU
Sample : K6431-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 27 23:58:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140635	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	552637	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	300036	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	572773	20.00	ng	0.00
76) Chrysene-d12	14.04	240	419457	20.00	ng	0.00
87) Perylene-d12	15.54	264	394967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1195064	145.05	ng	0.01
7) Phenol-d6	6.49	99	1513087	148.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	926335	95.87	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	540704	145.93	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1886390	95.97	ng	0.00
79) Terphenyl-d14	12.99	244	2400897	94.96	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.01	79	16776	2.156	ng	# 47
19) n-Nitroso-di-n-propylamine	7.42	70	124749	19.813	ng	# 76
25) Isophorone	7.42	82	912151	54.168	ng	# 62
32) Benzoic acid	7.87	122	4663	6.373	ng	# 85
50) Dimethylphthalate	9.61	163	224523	9.969	ng	99
57) 2,4-Dinitrotoluene	9.90	165	38298	5.903	ng	# 30
67) 4-Bromophenyl-phenylether	10.70	248	33877	5.054	ng	# 1
77) Benzidine	12.99	184	32373	2.817	ng	# 89

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

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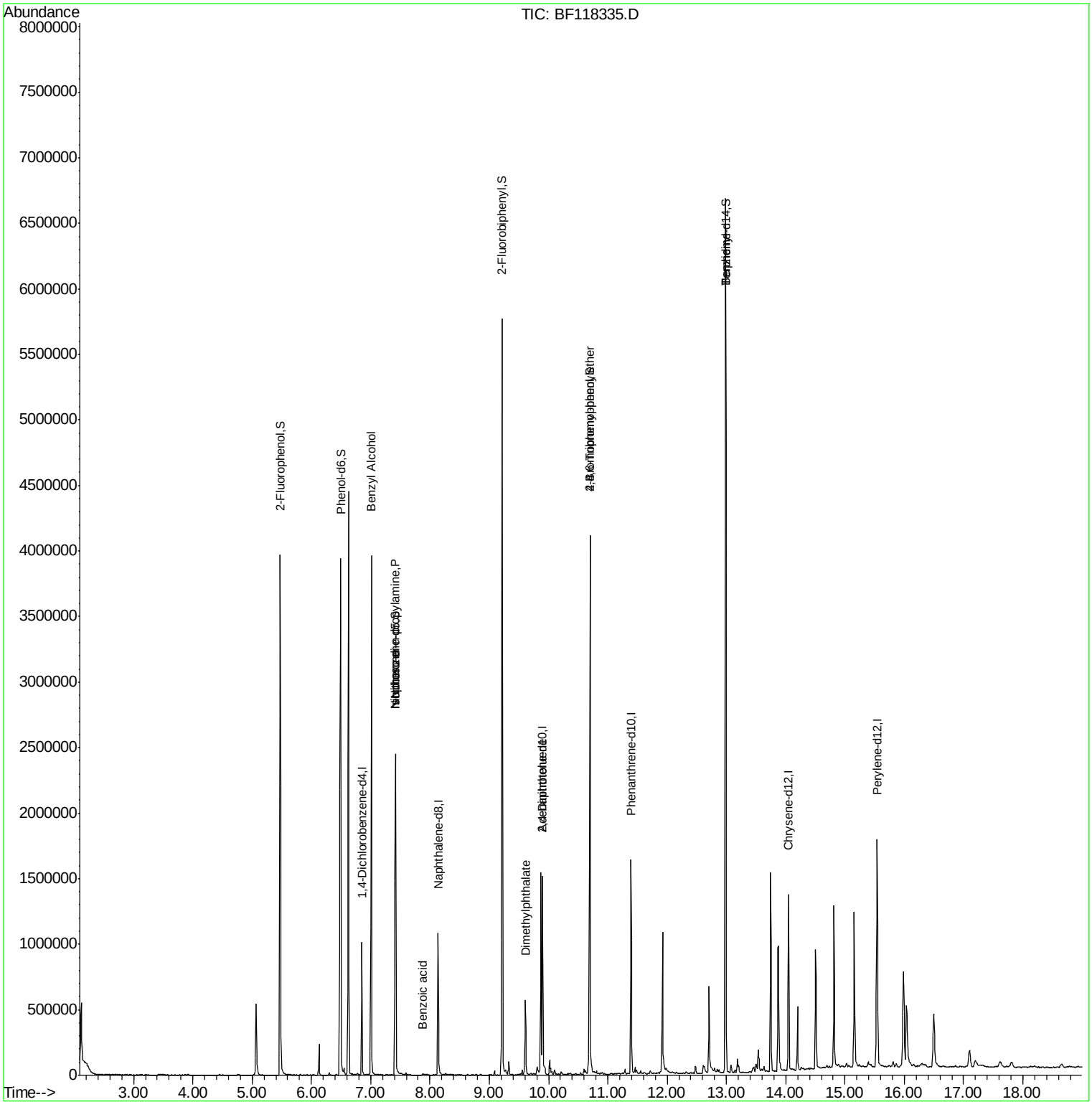
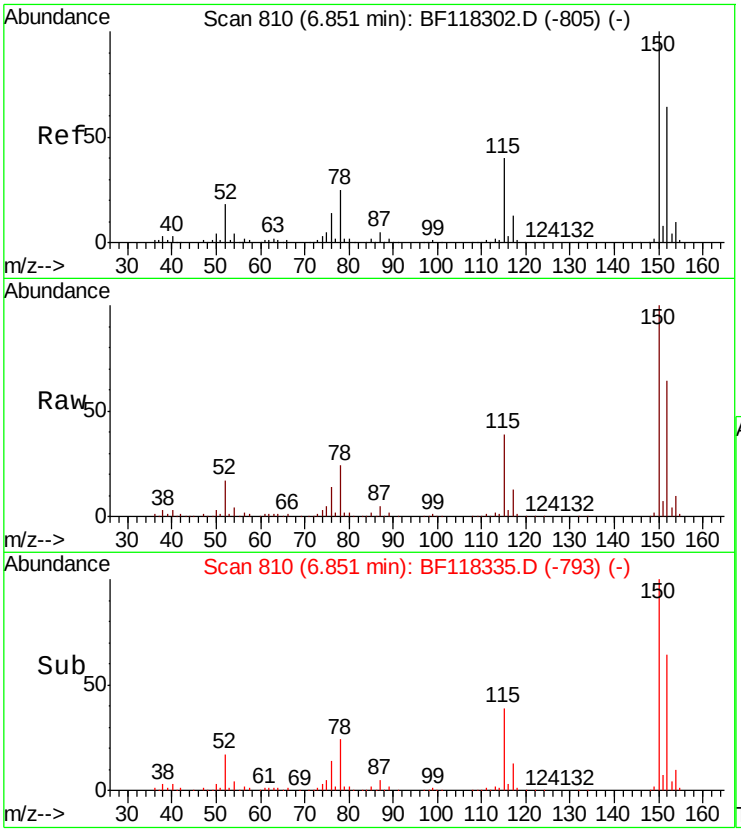


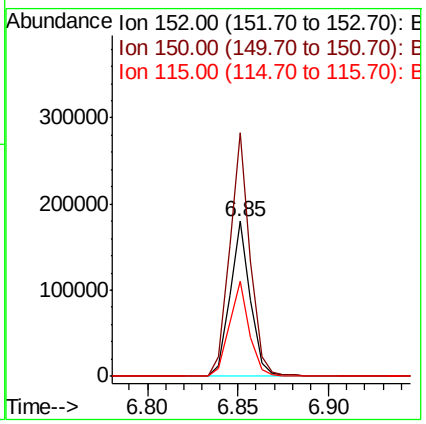


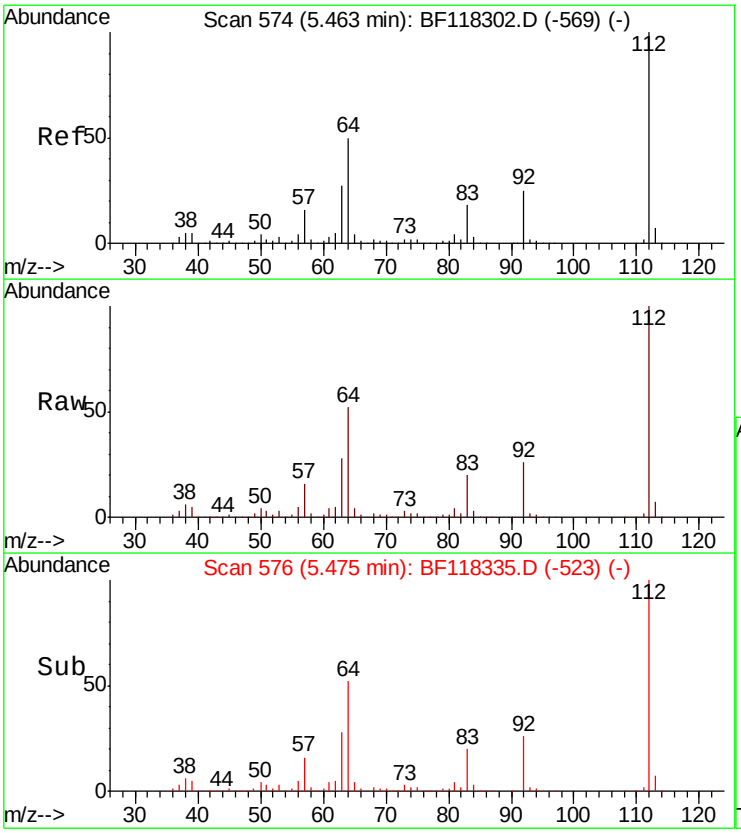
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140635

Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.4	188.2
115	61.6	50.2	75.4

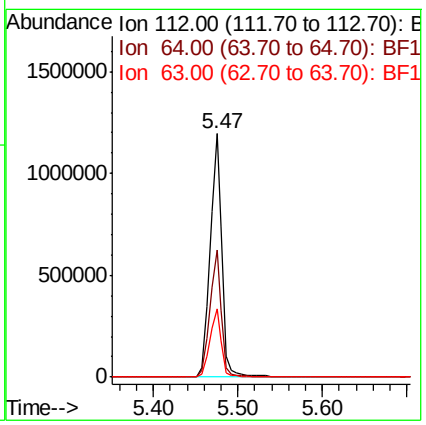


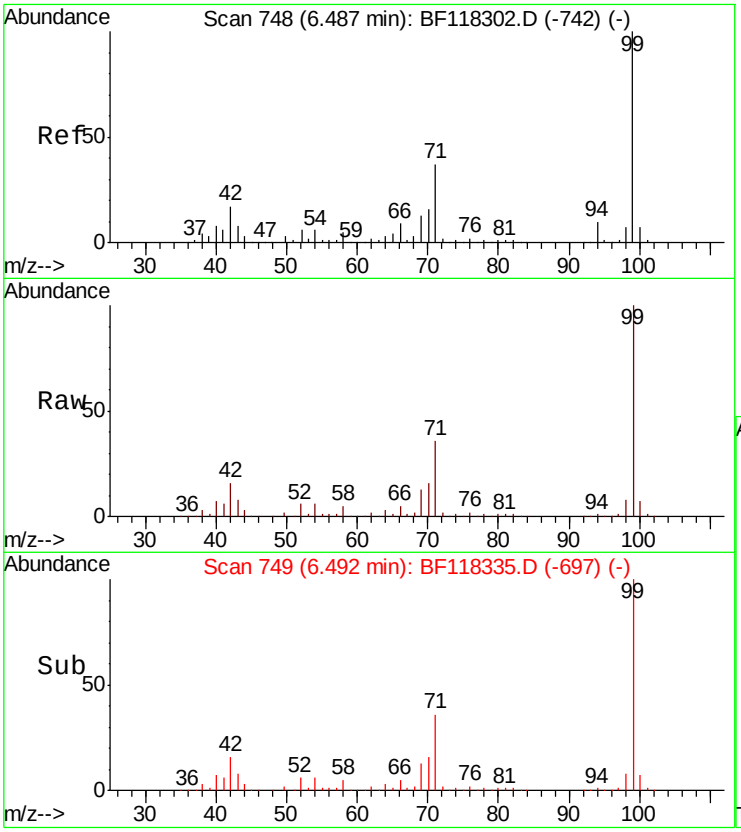


#5
2-Fluorophenol
Concen: 145.054 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:112 Resp: 1195064

Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.7	59.5
63	28.3	21.7	32.5



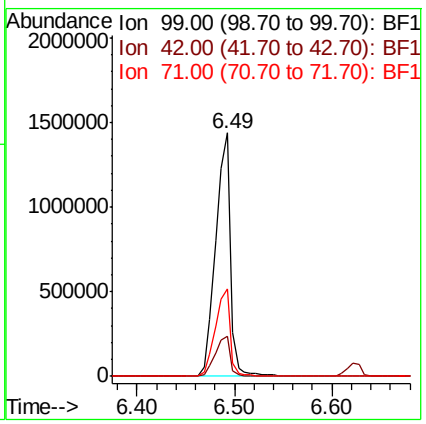


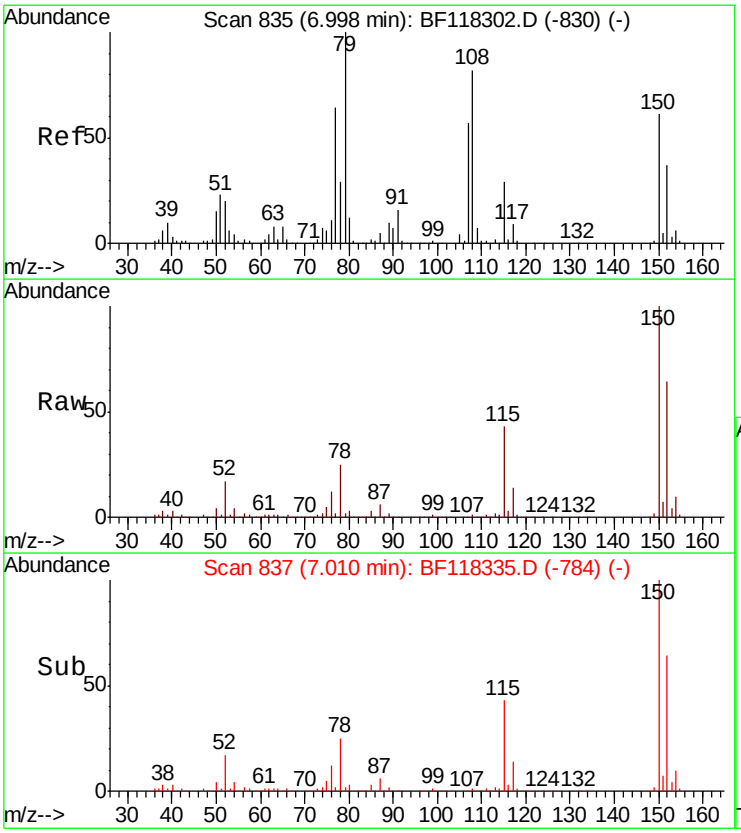
#7
Phenol-d6
Concen: 148.046 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1513087

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	36.1	29.4	44.2

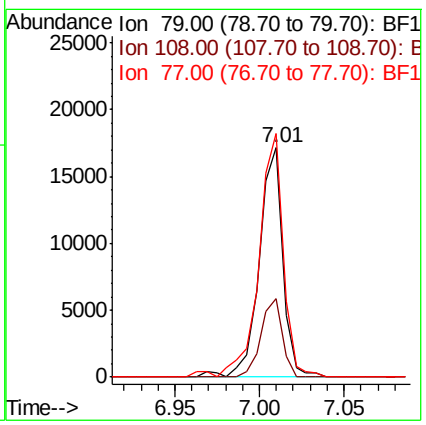


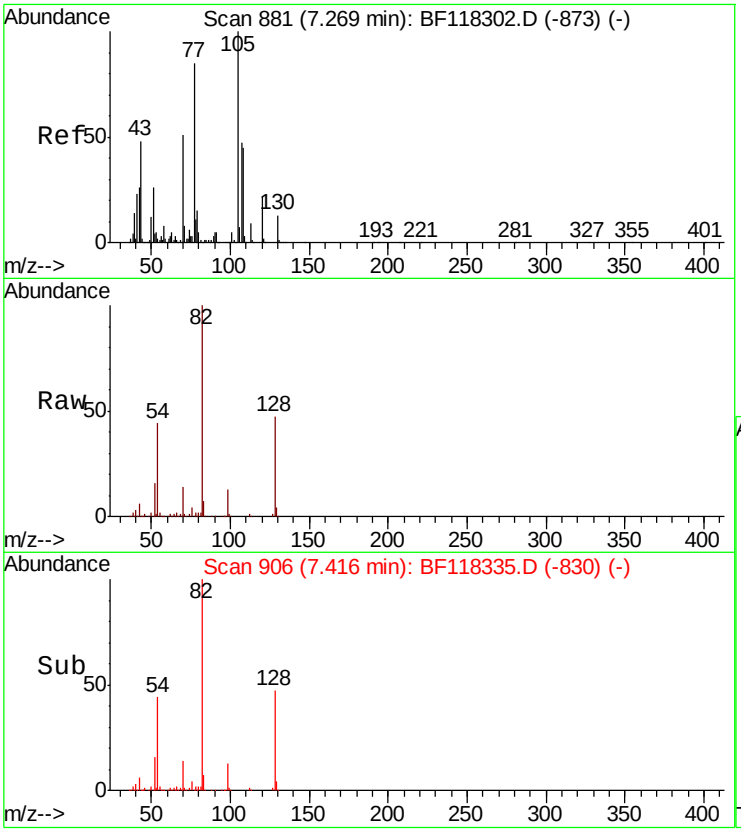


#15
Benzyl Alcohol
Concen: 2.156 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion: 79 Resp: 16776

Ion	Ratio	Lower	Upper
79	100		
108	34.0	65.4	98.0#
77	106.2	51.4	77.0#



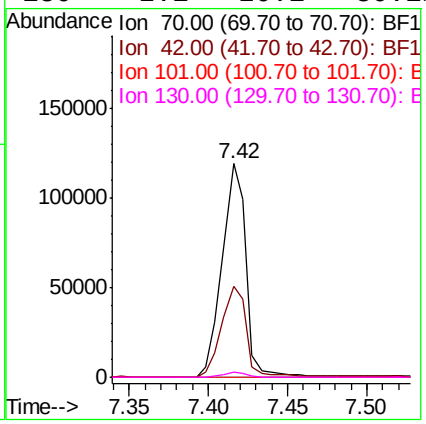


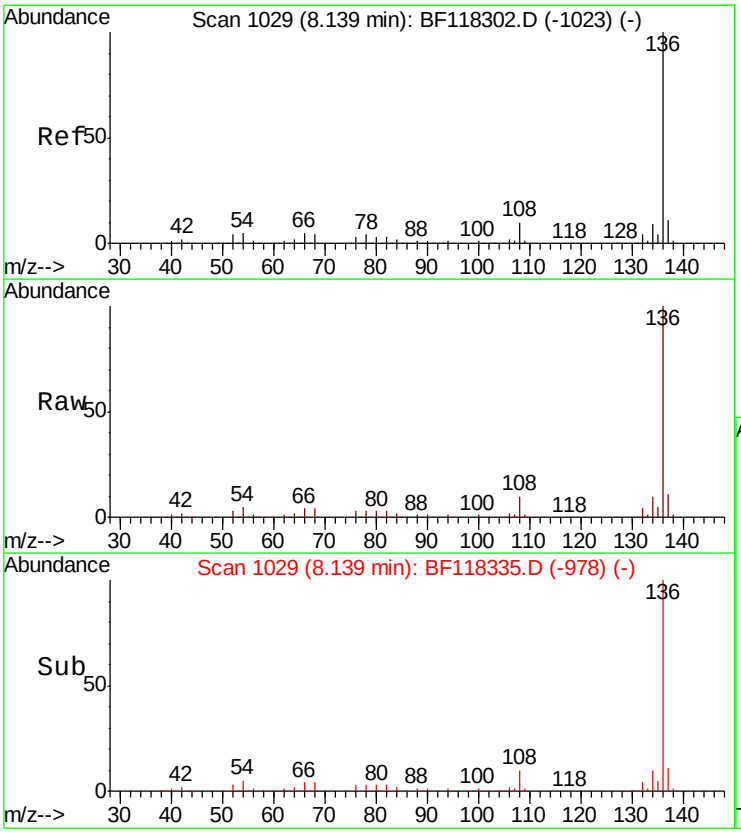
#19
n-Nitroso-di-n-propylamine
Concen: 19.813 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 124749

Ion	Ratio	Lower	Upper
70	100		
42	42.7	41.1	61.7
101	0.0	8.3	12.5#
130	2.1	20.1	30.1#

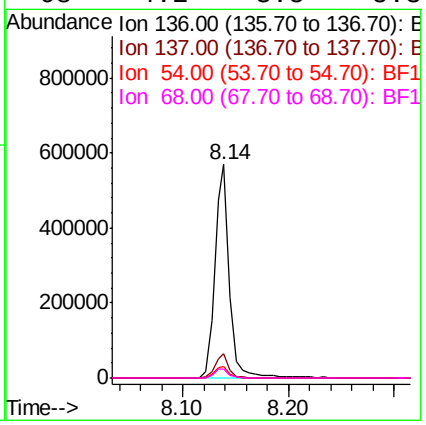


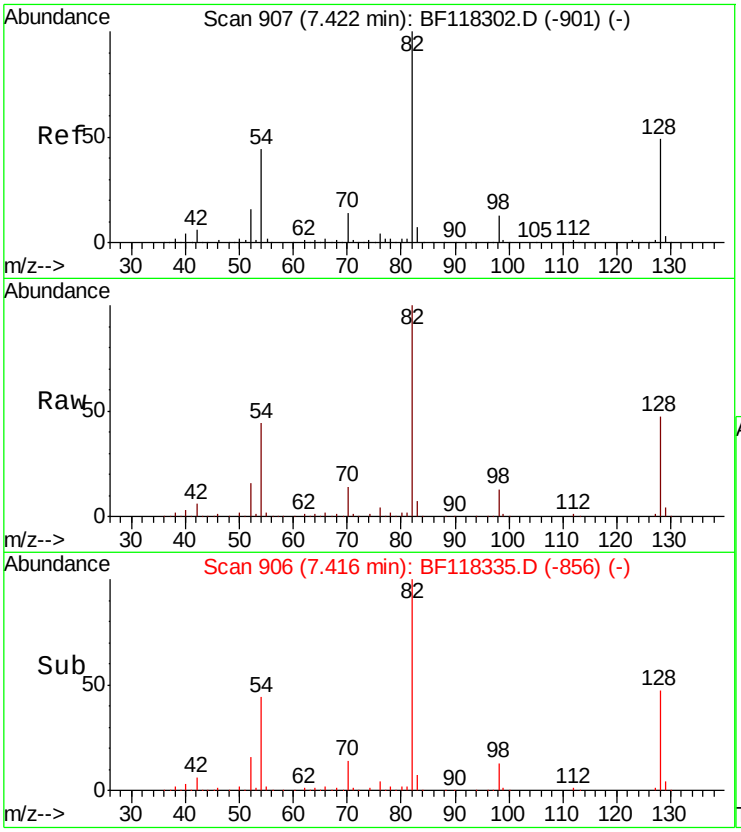


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:136 Resp: 552637

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.1	4.2	6.4
68	4.2	3.5	5.3



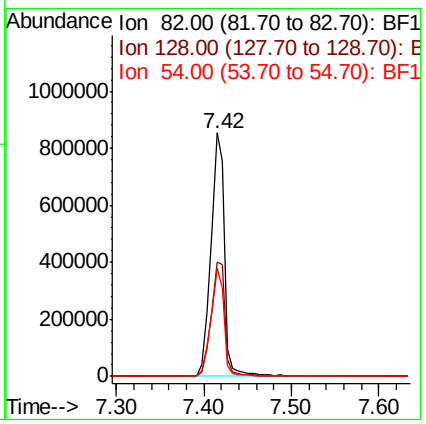


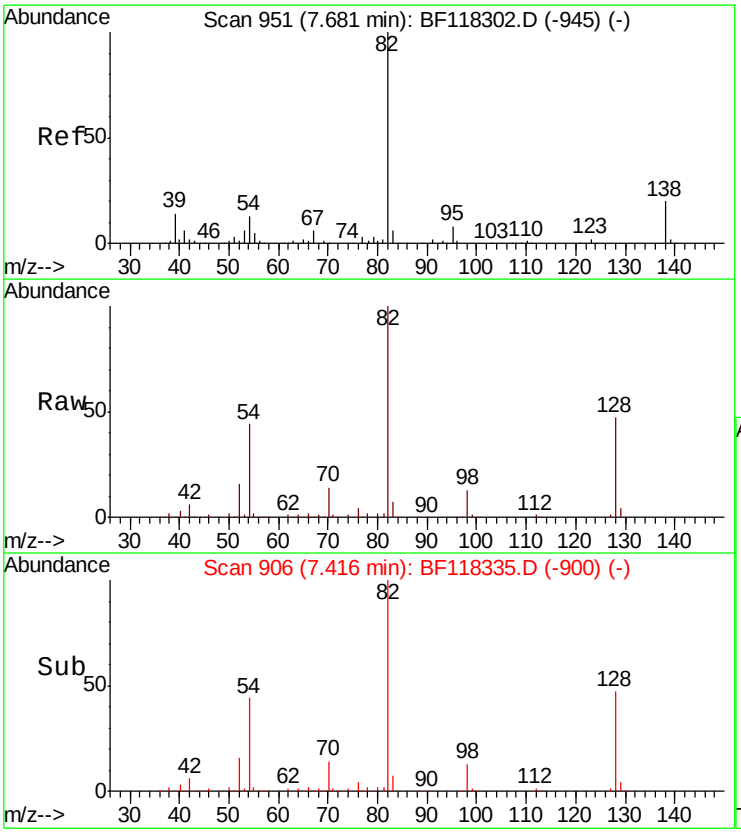
#23
Nitrobenzene-d5
Concen: 95.871 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 926335

Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	44.2	34.9	52.3

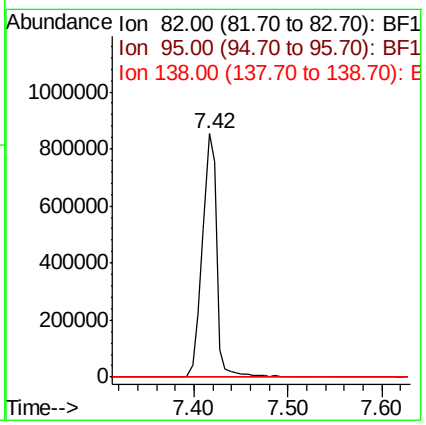


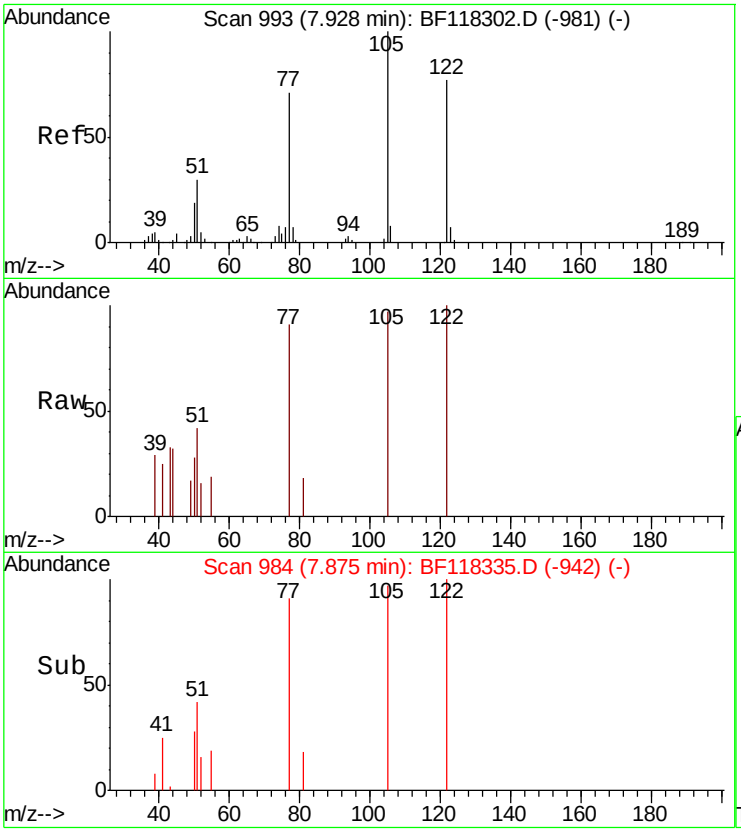


#25
Isophorone
Concen: 54.168 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion: 82 Resp: 912151

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.3	9.5#
138	0.0	16.2	24.2#



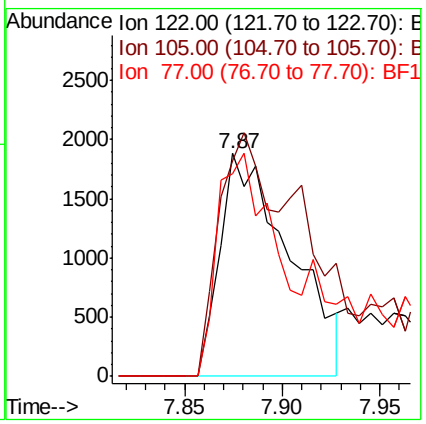


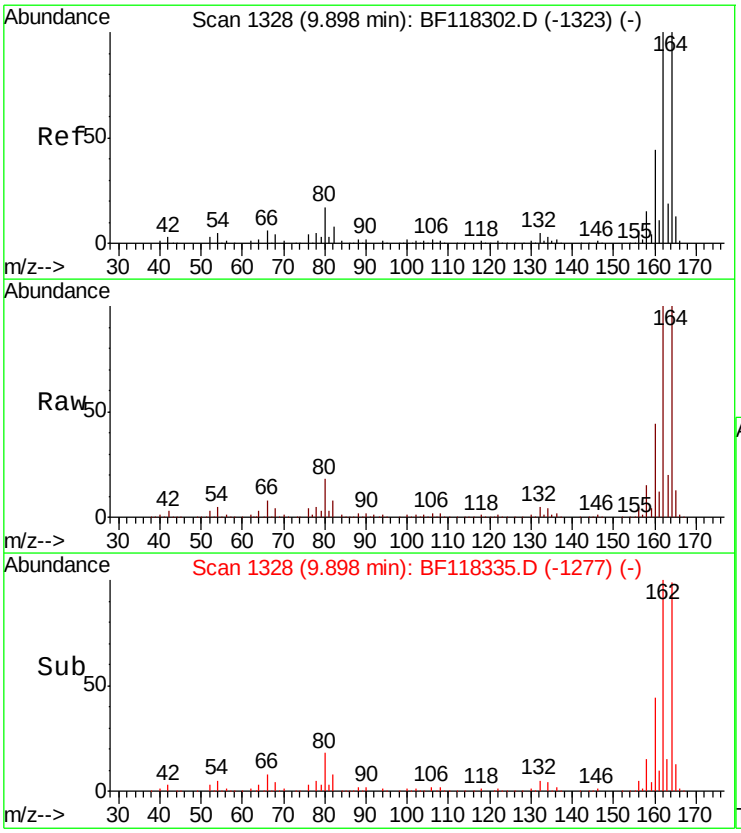
#32
Benzoic acid
Concen: 6.373 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 4663

Ion	Ratio	Lower	Upper
122	100		
105	96.9	106.8	146.8#
77	90.9	70.4	110.4

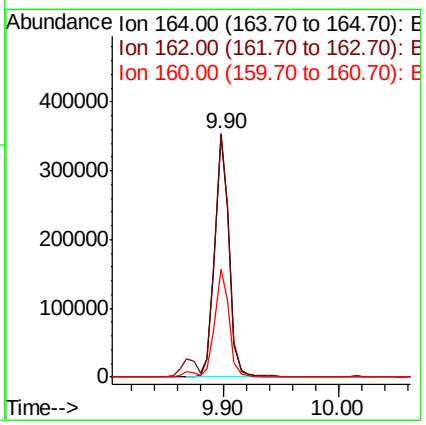


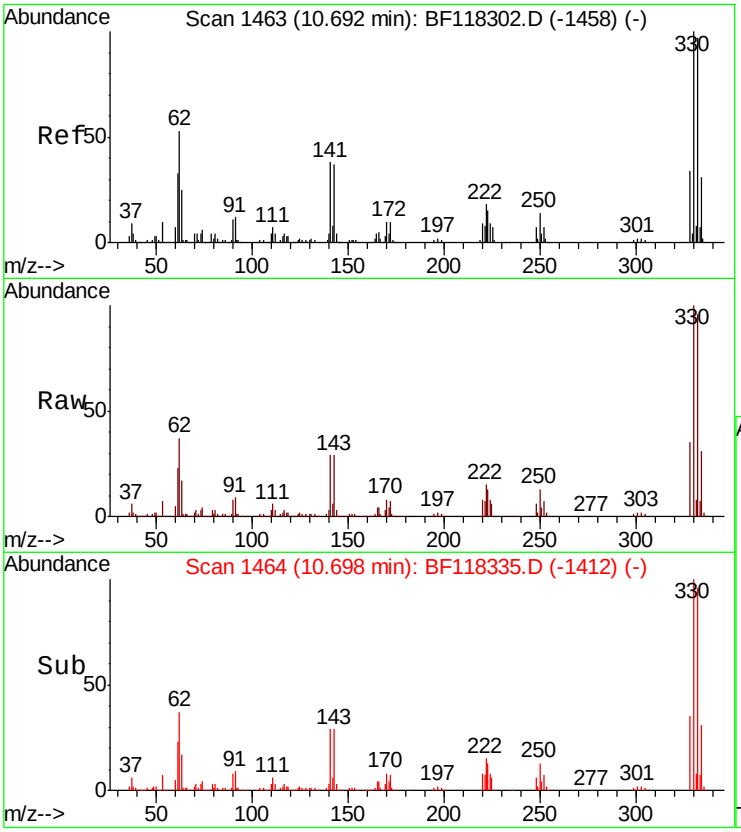


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:164 Resp: 300036

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.0	120.0
160	44.5	34.8	52.2



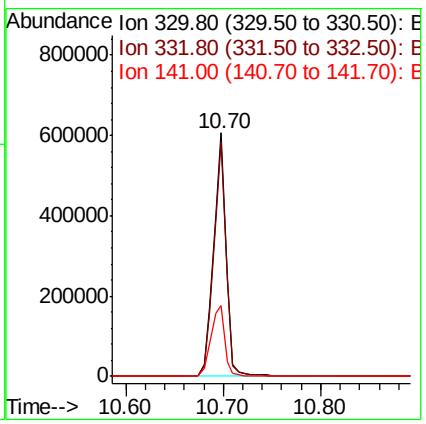


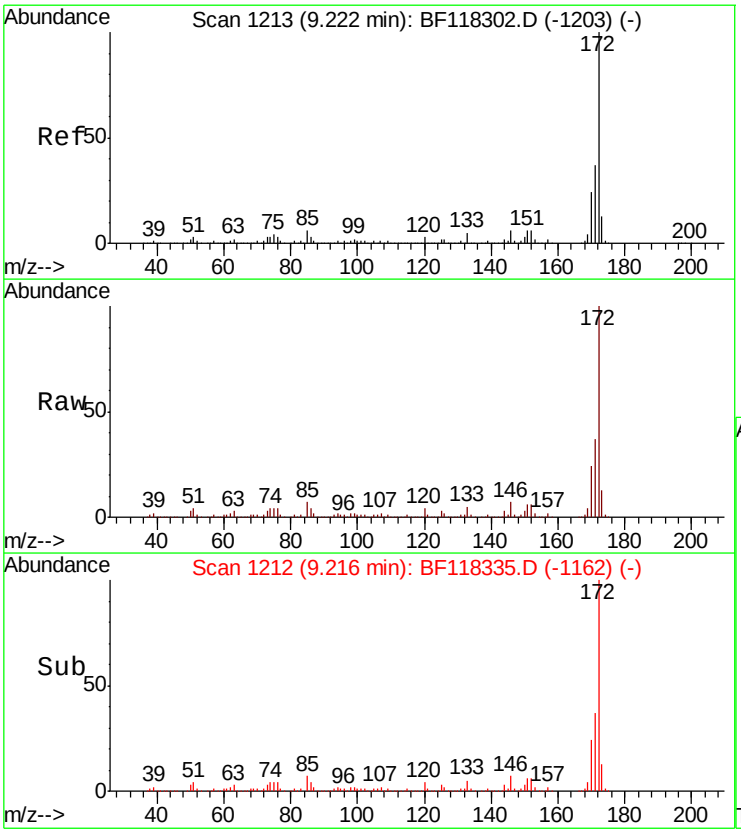
#42
2,4,6-Tribromophenol
Concen: 145.930 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 540704

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.3	26.0	39.0

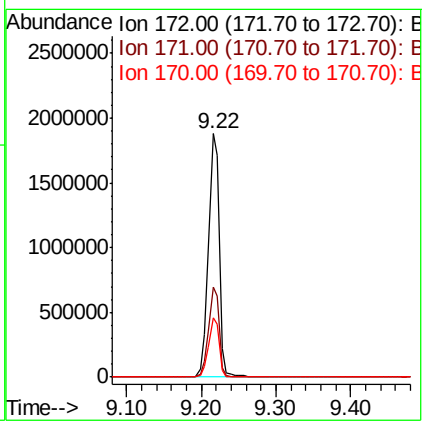


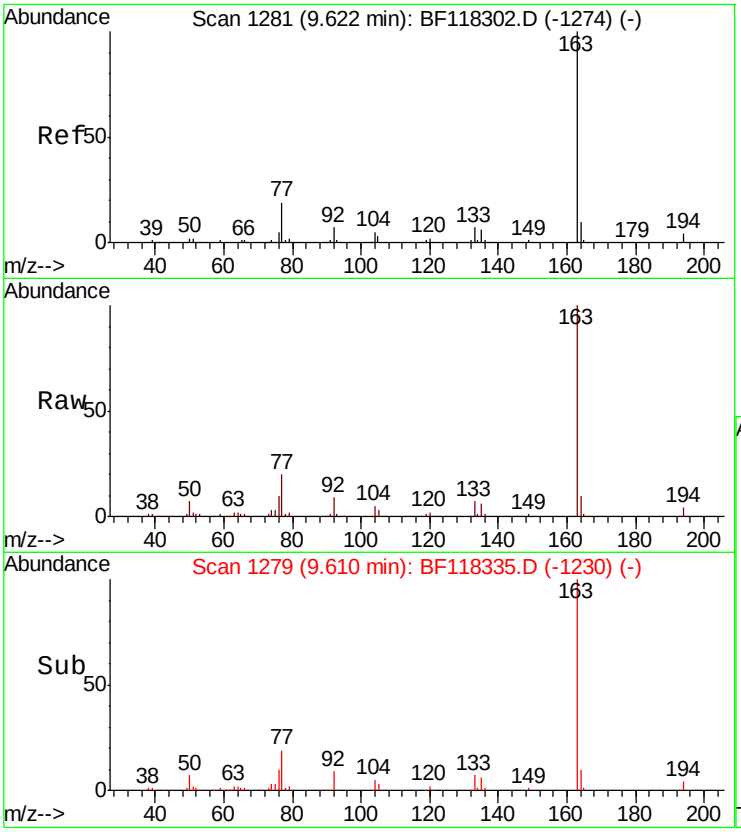


#45
2-Fluorobiphenyl
Concen: 95.972 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:172 Resp: 1886390

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.3	43.9
170	24.3	19.2	28.8



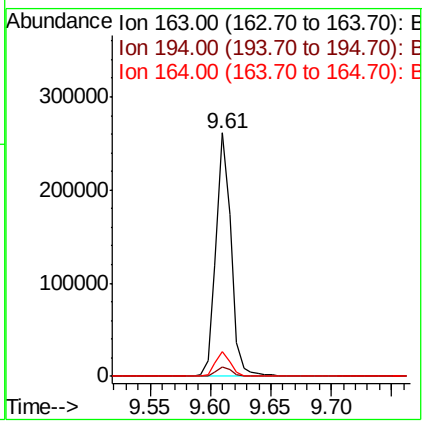


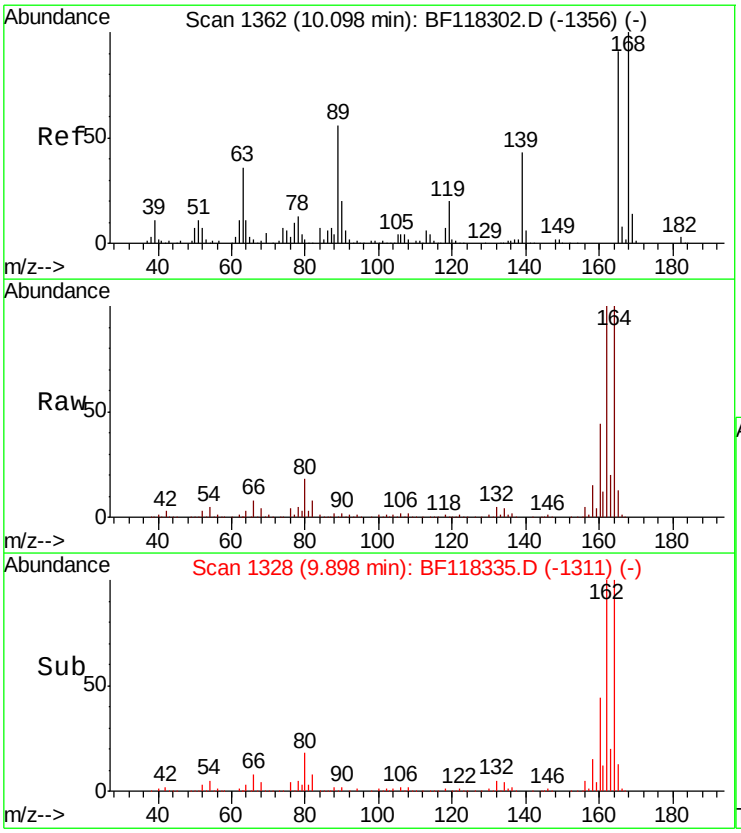
#50
Dimethylphthalate
Concen: 9.969 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 224523

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.9	11.9

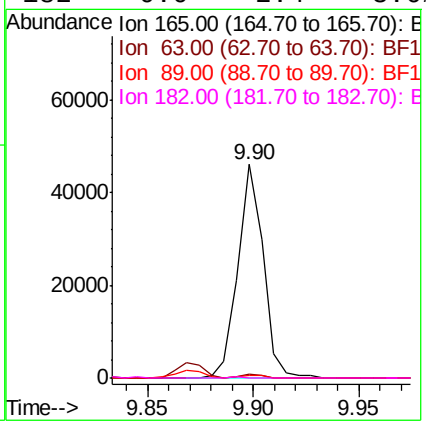


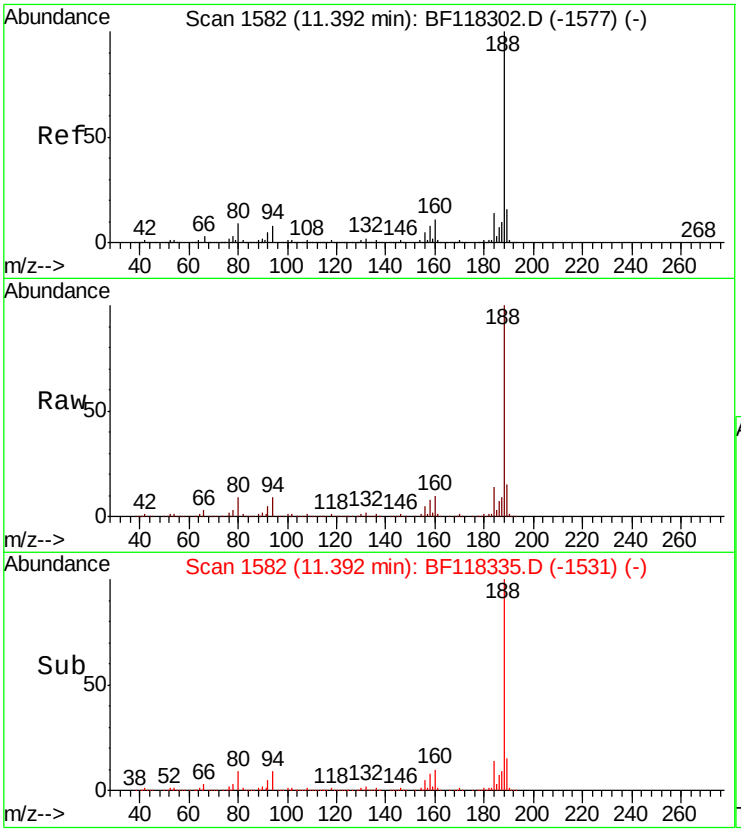


#57
2,4-Dinitrotoluene
Concen: 5.903 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:165 Resp: 38298

Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.0	48.0#
89	1.3	49.3	73.9#
182	0.0	2.4	3.6#



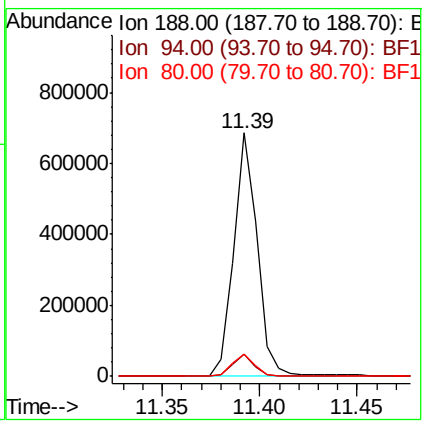


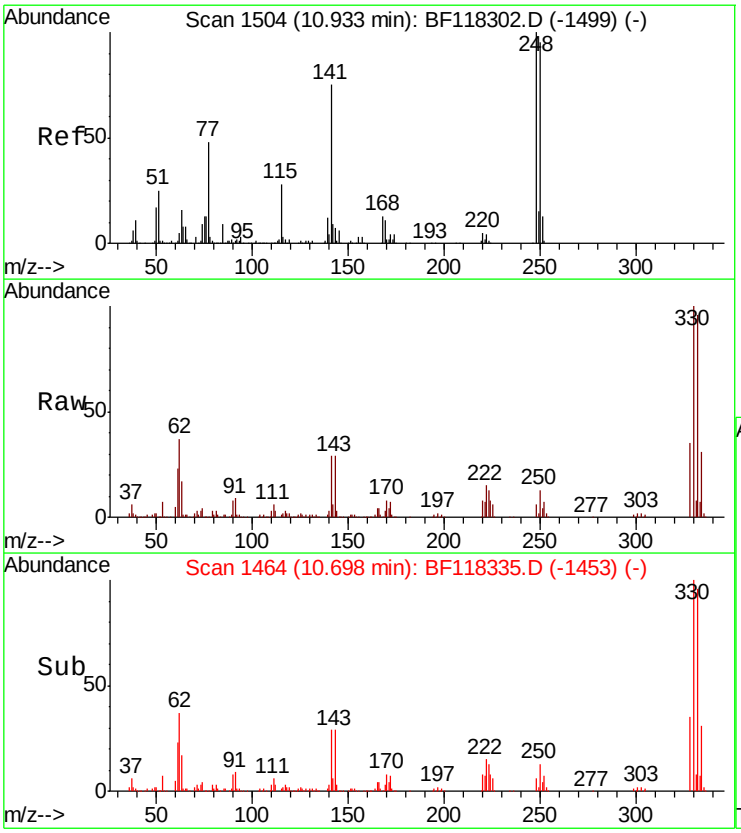
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 572773

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.3	7.2	10.8

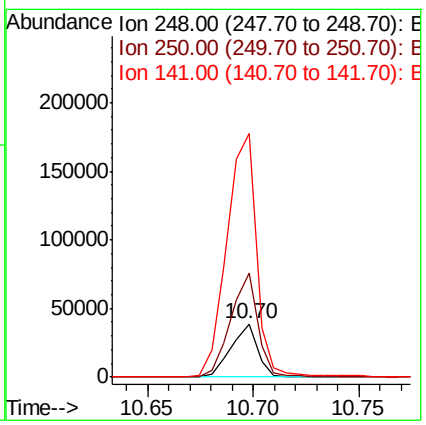


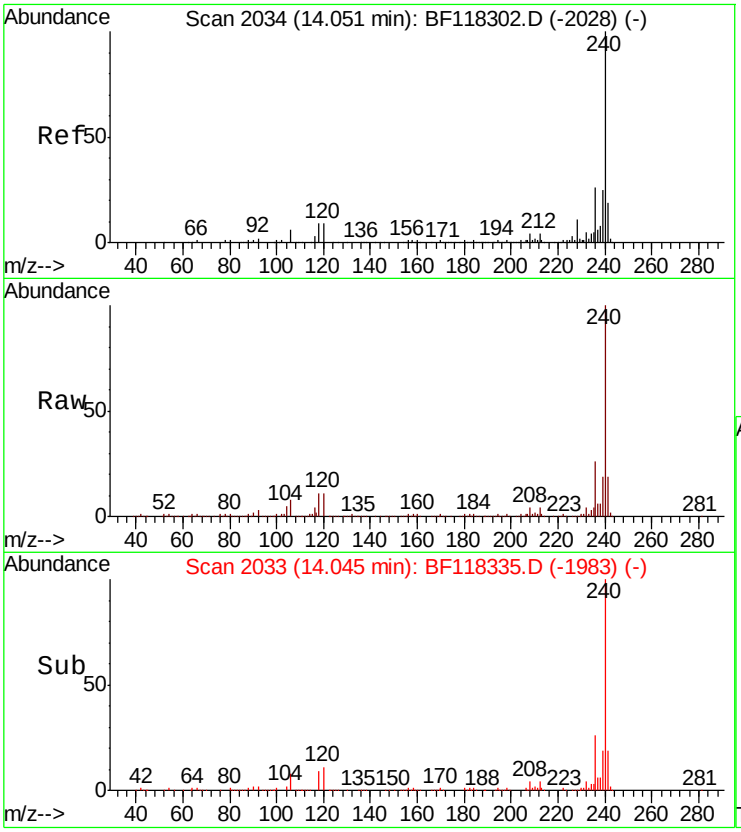


#67
4-Bromophenyl-phenylether
Concen: 5.054 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.24 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:248 Resp: 33877

Ion	Ratio	Lower	Upper
248	100		
250	196.2	76.4	114.6#
141	459.4	60.2	90.2#



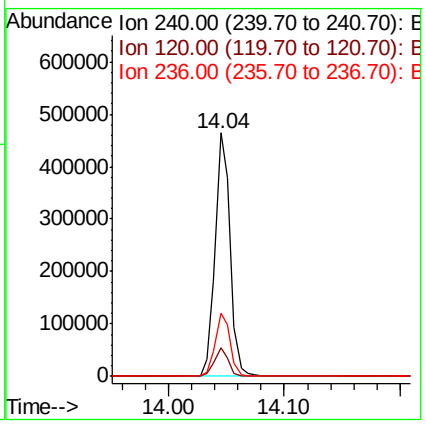


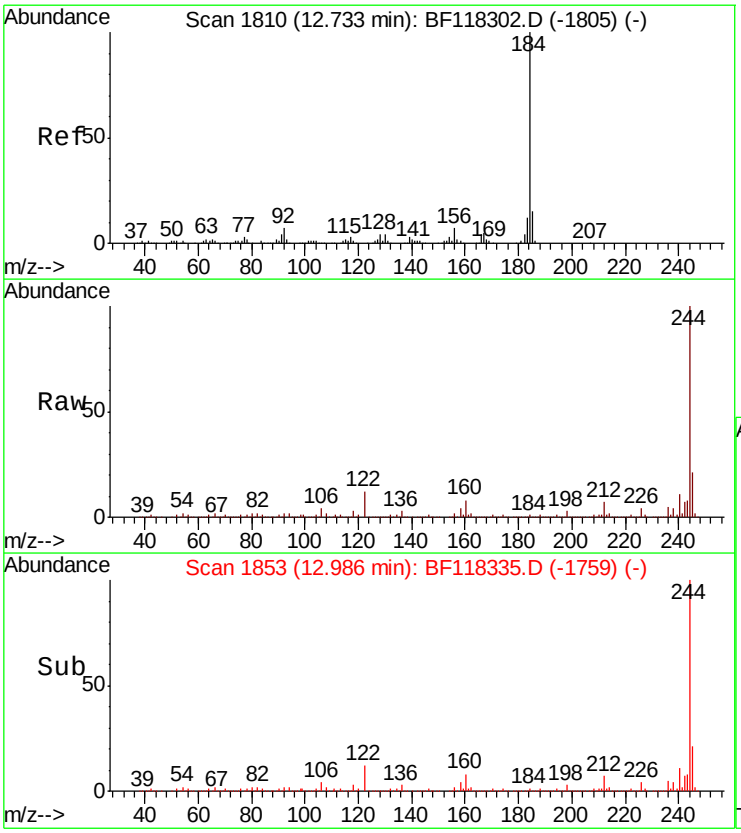
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 419457

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	26.2	21.0	31.6

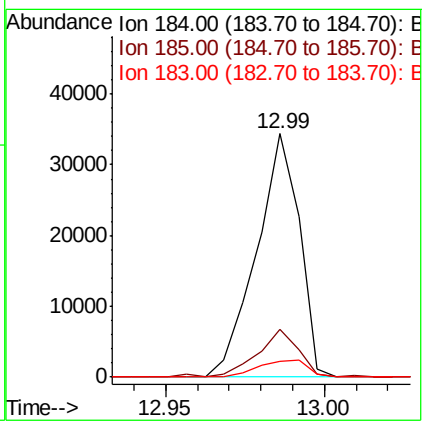


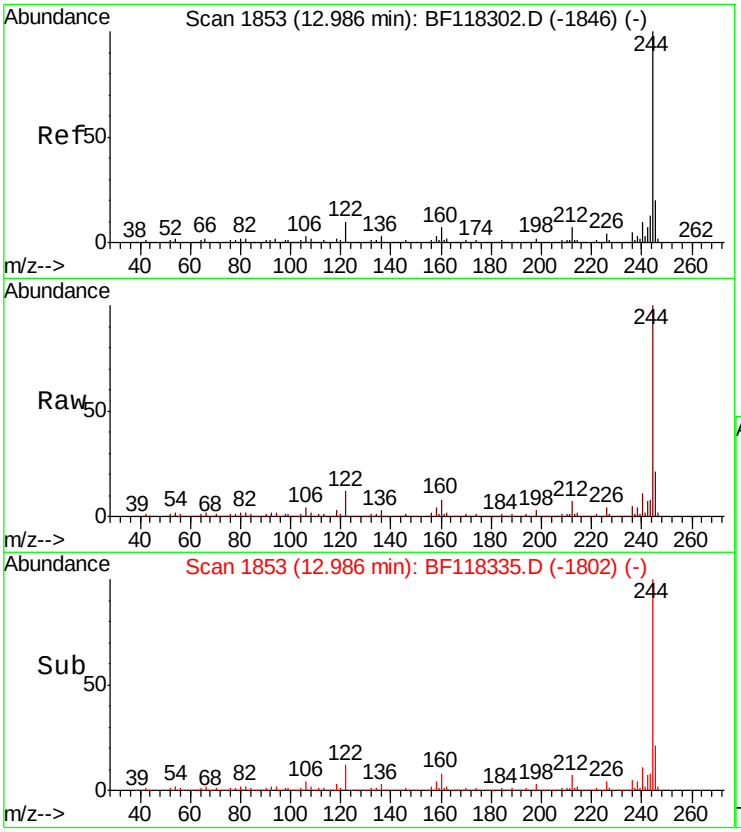


#77
Benzidine
Concen: 2.817 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.25 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:184 Resp: 32373

Ion	Ratio	Lower	Upper
184	100		
185	19.4	12.3	18.5#
183	6.6	9.4	14.2#



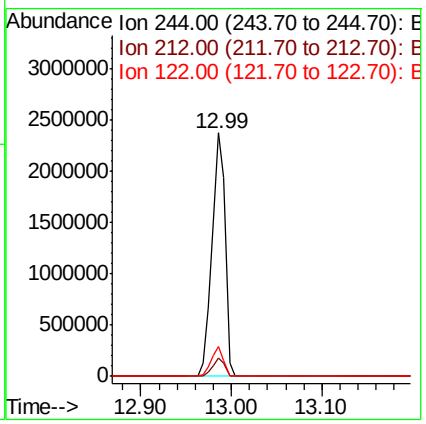


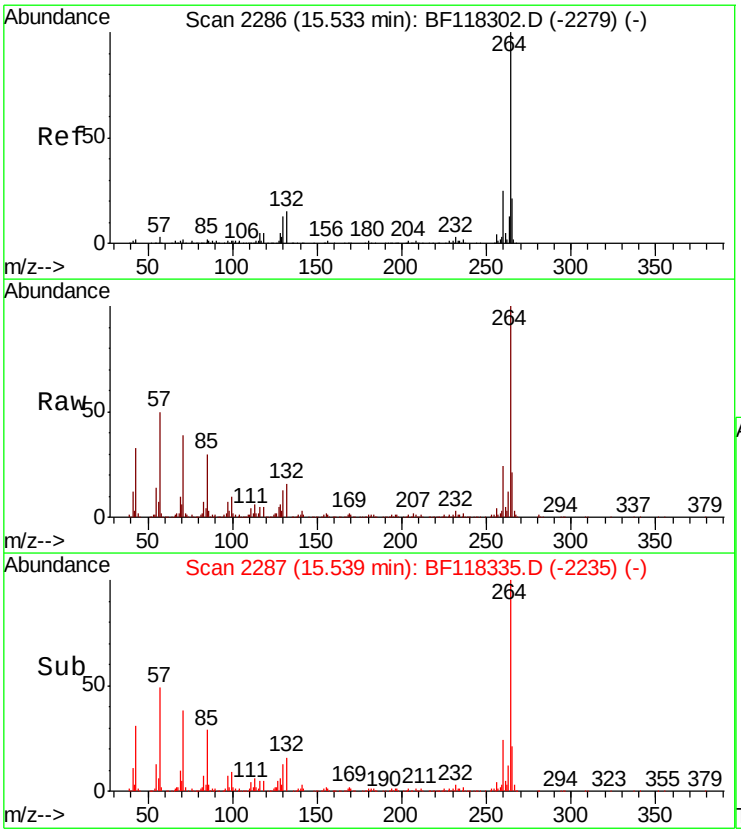
#79
Terphenyl-d14
Concen: 94.960 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 2400897

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	12.4	7.8	11.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118335.D
Acq: 27 Dec 2019 13:56

Tgt Ion:264 Resp: 394967

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.2	17.0	25.4