Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117083.D
Acq On : 17 Sep 2019 1:31
Operator : HP/JU
Sample : K4862-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 17 05:18:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	57748	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	212426	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	95642	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	145410	20.00	ng	0.00
76) Chrysene-d12	13.97	240	82121	20.00	ng	0.00
87) Perylene-d12	15.42	264	65423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	444055	120.05	ng	0.02
7) Phenol-d6	6.47	99	523028	109.41	ng	0.01
23) Nitrobenzene-d5	7.39	82	342439	84.70	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	108191	135.35	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	613360	100.27	ng	0.00
79) Terphenyl-d14	12.92	244	536215	122.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	709	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	46437	15.953	ng	# 80
25) Isophorone	7.49	82	19962	2.789	ng	# 75
50) Dimethylphthalate	9.57	163	19283	2.847	ng	# 97
51) 2,6-Dinitrotoluene	9.86	165	11774	8.537	ng	# 24
57) 2,4-Dinitrotoluene	9.86	165	11774	6.577	ng	# 18
67) 4-Bromophenyl-phenylether	10.65	248	6819	4.592	ng	# 1
77) Benzidine	12.92	184	8166	3.087	ng	# 90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117083.D
Acq On : 17 Sep 2019 1:31
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Misc :
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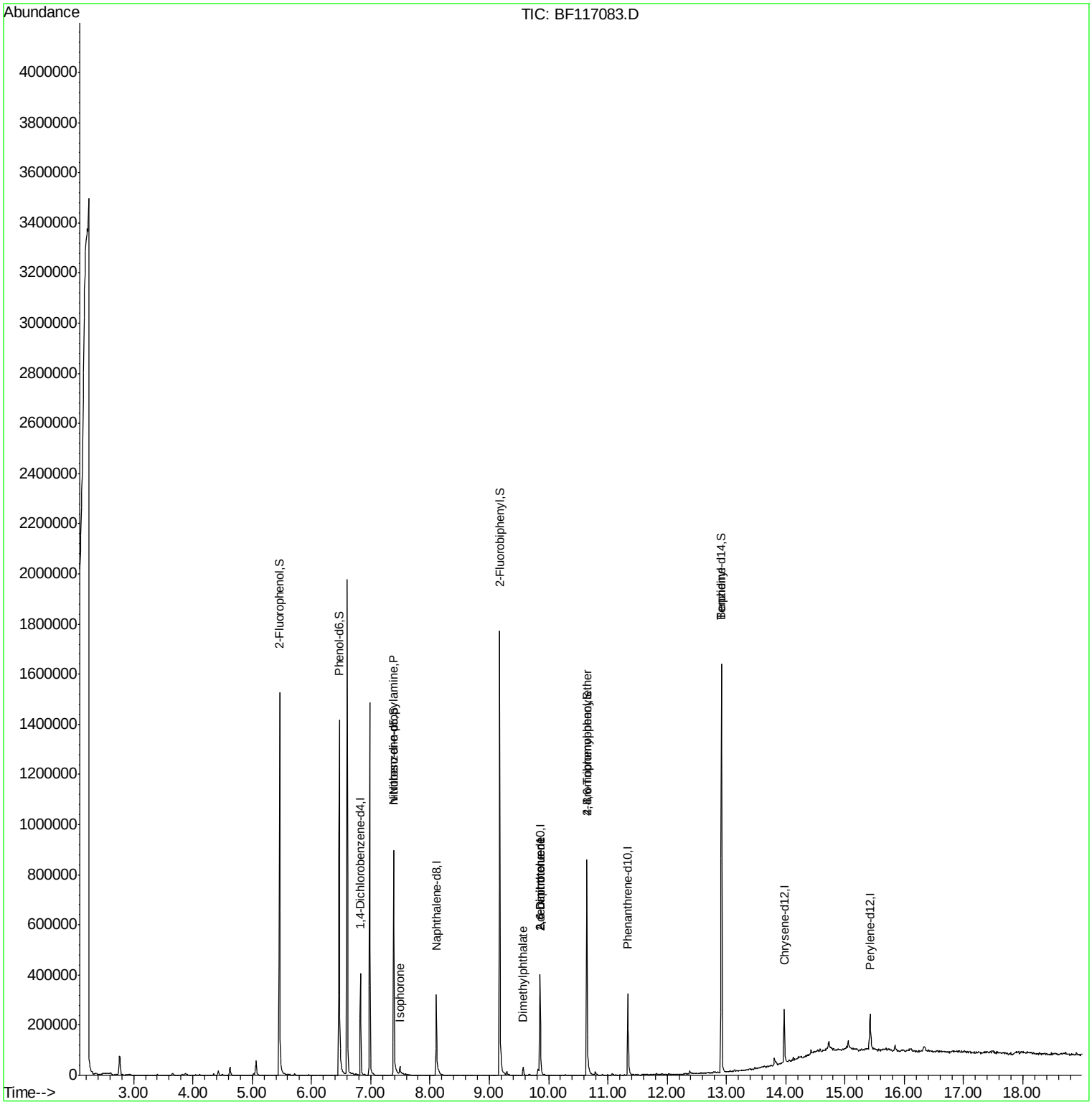
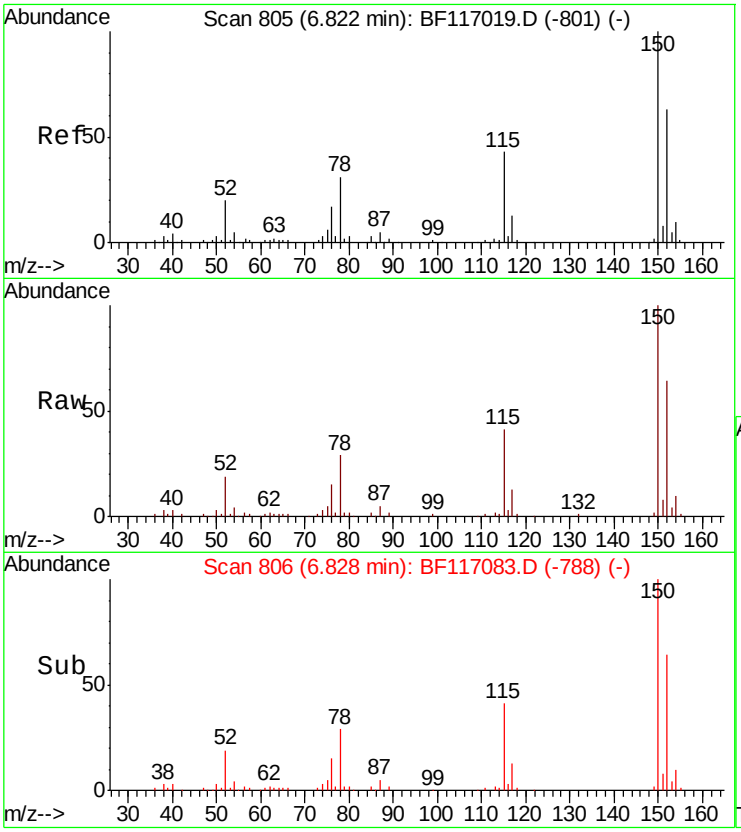
Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 17 05:18:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration



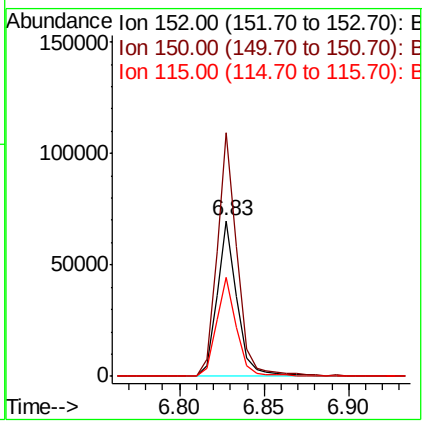


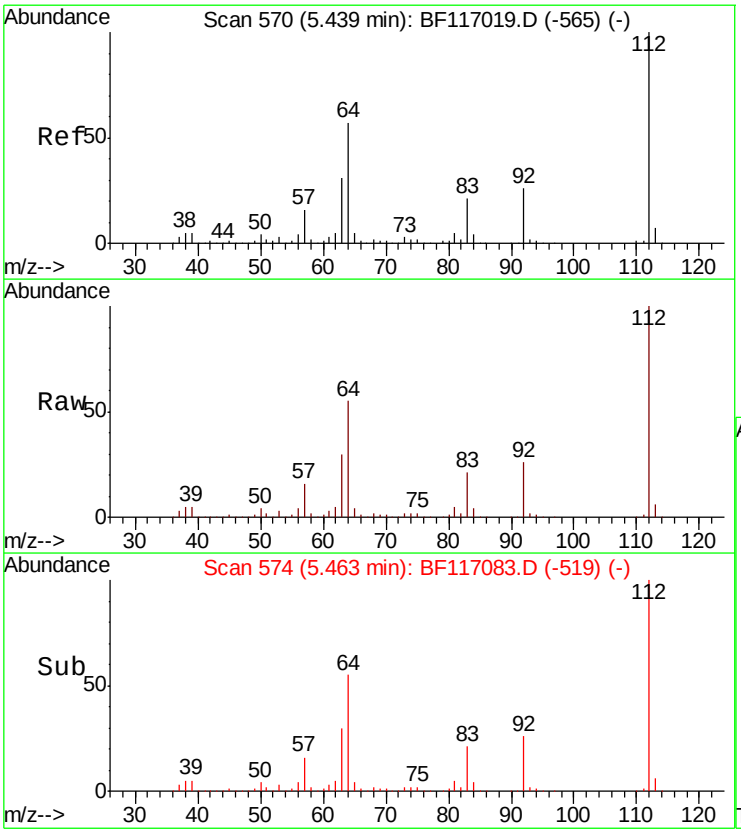
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57748

Ion	Ratio	Lower	Upper
152	100		
150	156.6	127.5	191.3
115	63.8	55.0	82.4

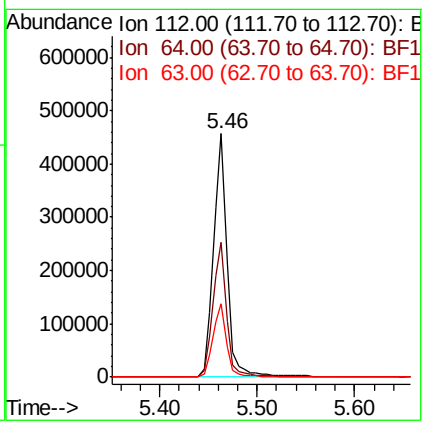


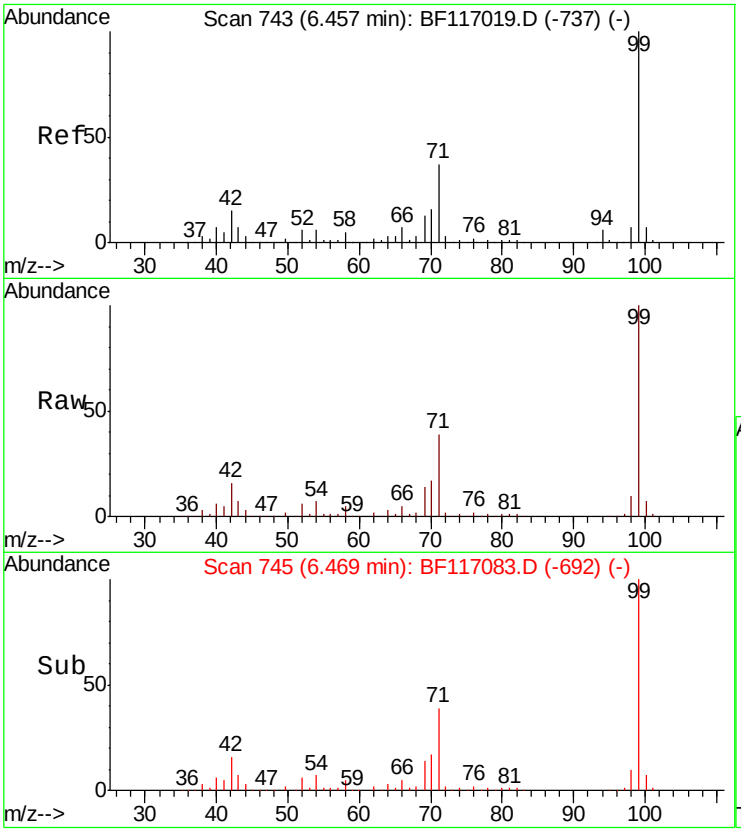


#5
2-Fluorophenol
Concen: 120.053 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:112 Resp: 444055

Ion	Ratio	Lower	Upper
112	100		
64	55.2	45.7	68.5
63	30.1	24.9	37.3



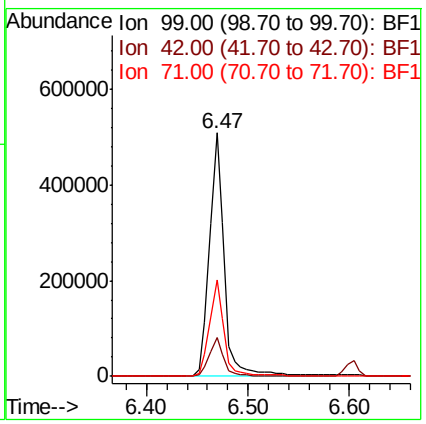


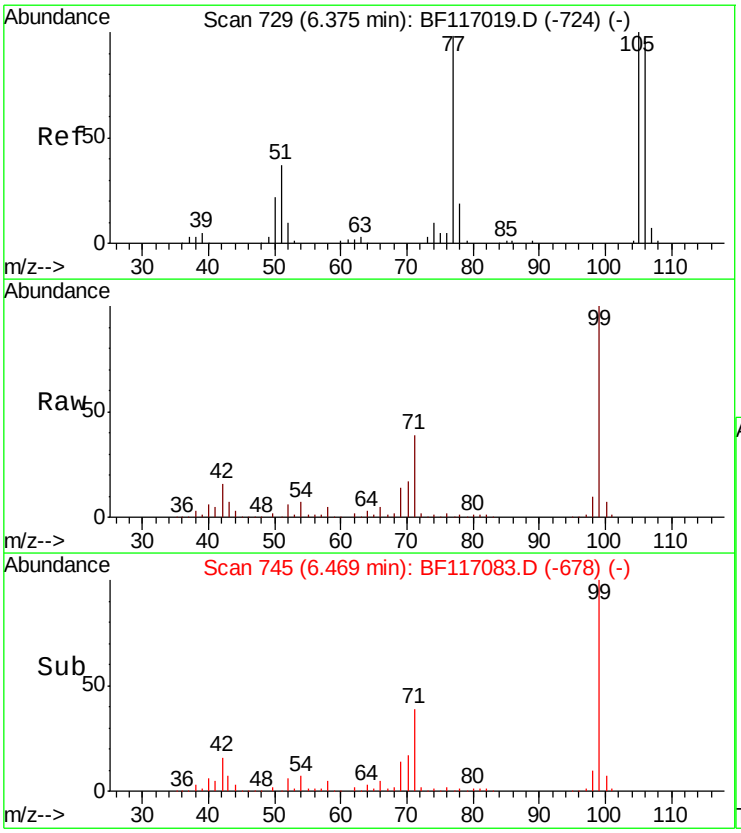
#7
Phenol-d6
Concen: 109.415 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 523028

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.2	18.2
71	39.5	29.8	44.8

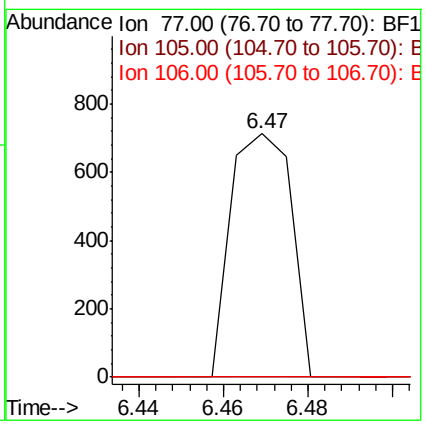


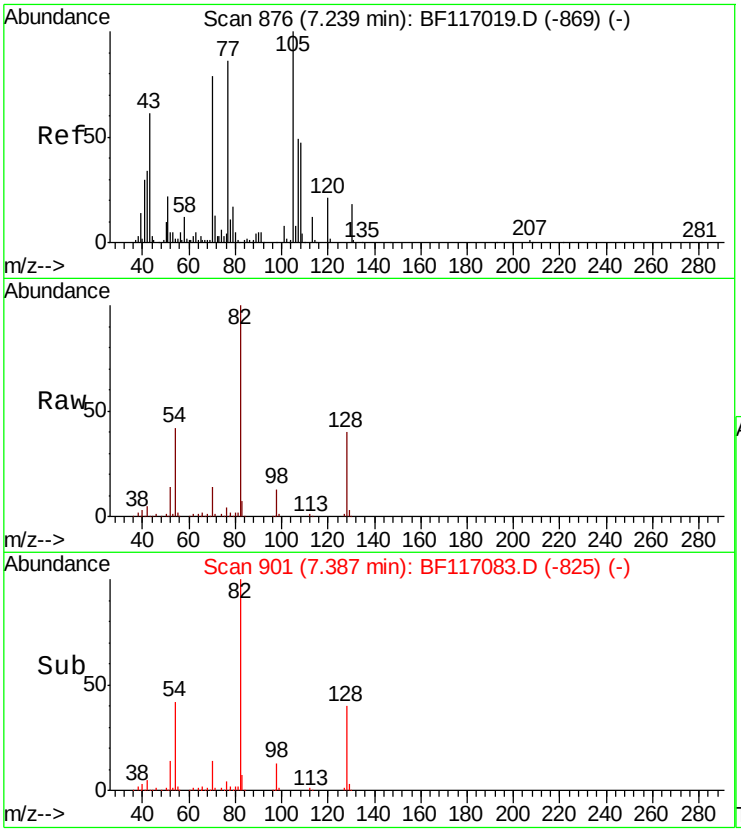


#9
Benzaldehyde
Concen: Below Cal
RT: 6.47 min Scan# 745
Delta R.T. 0.09 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion: 77 Resp: 709

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.8	121.8#
106	0.0	77.3	117.3#



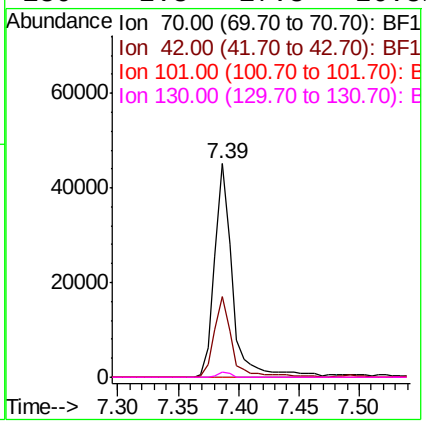


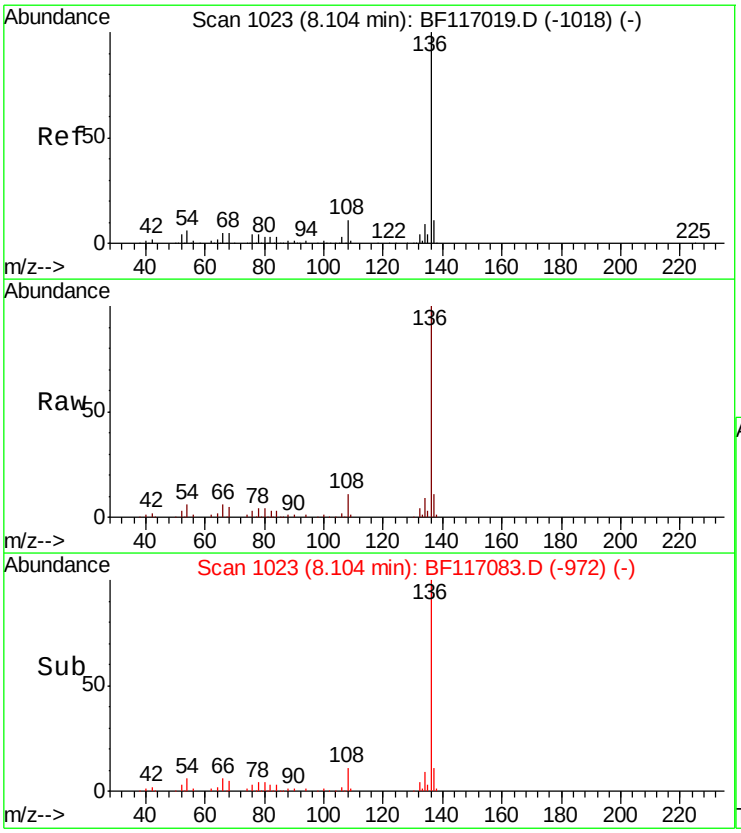
#19
n-Nitroso-di-n-propylamine
Concen: 15.953 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 46437

Ion	Ratio	Lower	Upper
70	100		
42	37.9	34.0	51.0
101	0.0	7.8	11.6#
130	2.3	17.8	26.8#

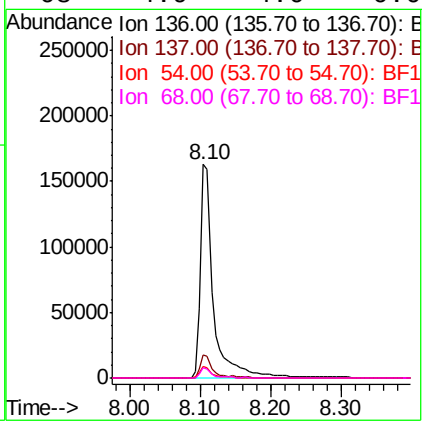


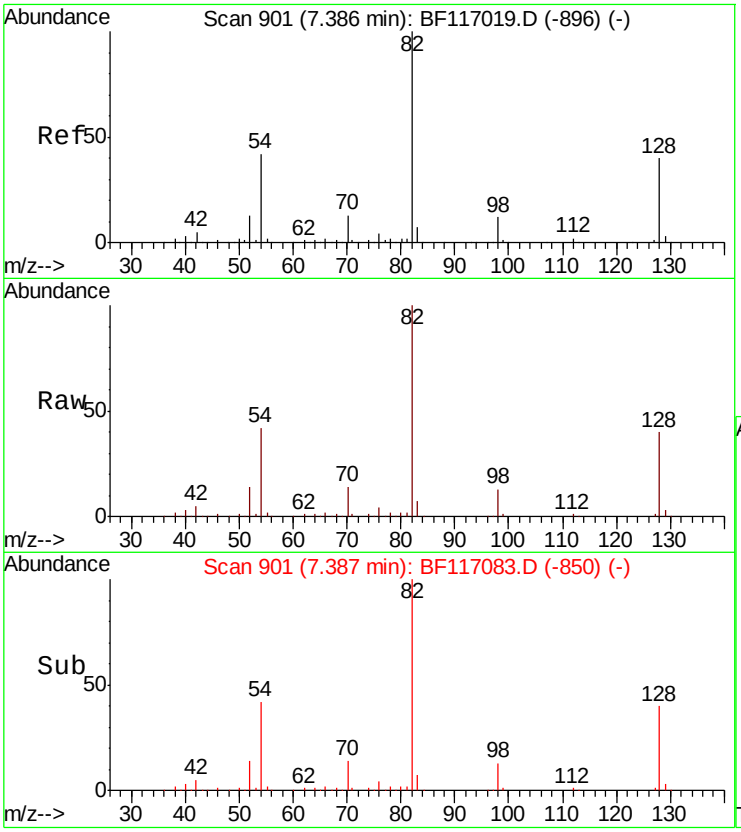


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:136 Resp: 212426

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.7	4.5	6.7
68	4.9	4.0	6.0



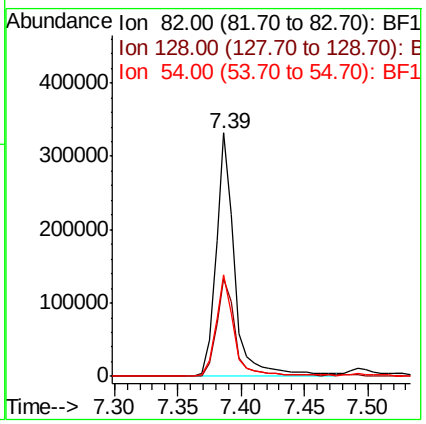


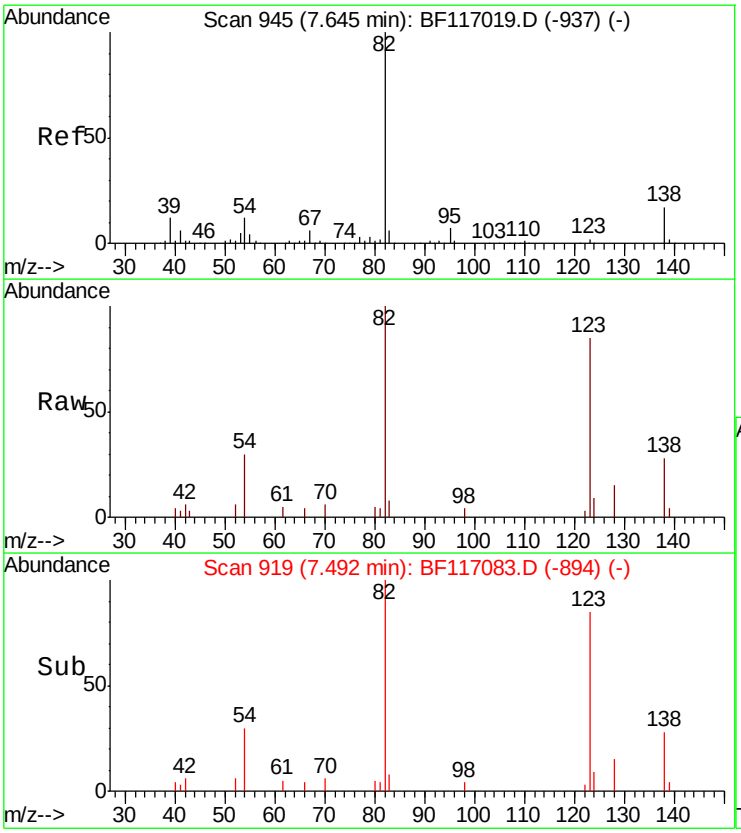
#23
Nitrobenzene-d5
Concen: 84.700 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 342439

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.3	48.5
54	41.7	33.3	49.9

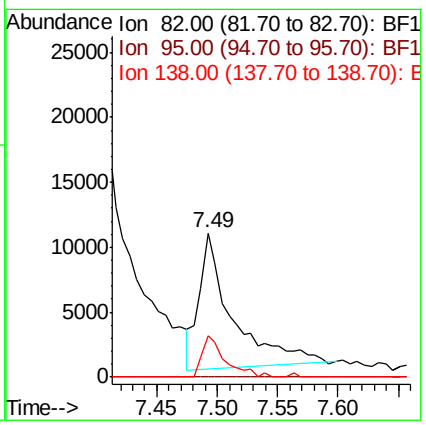


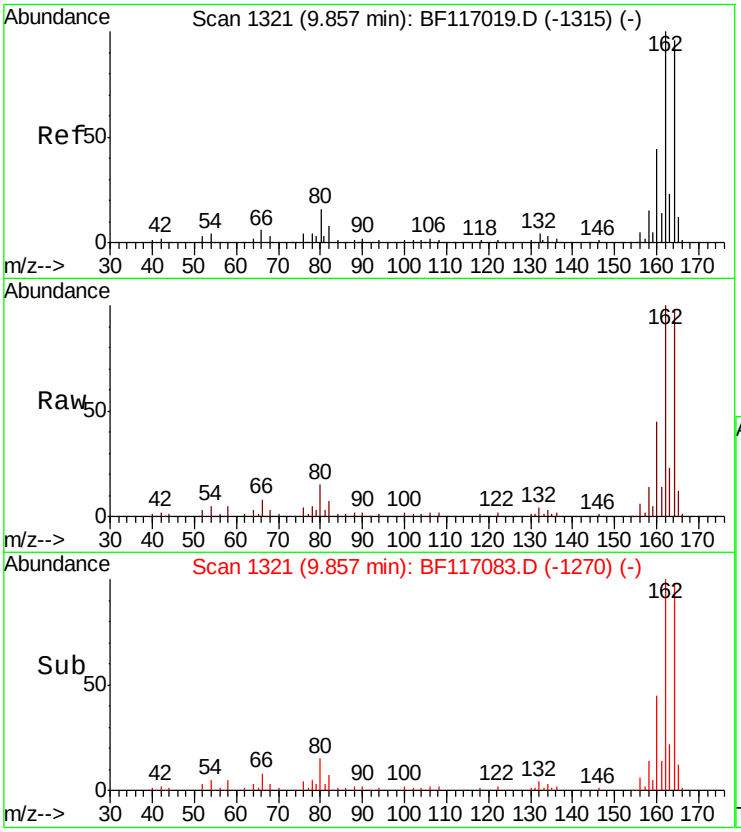


#25
Isophorone
Concen: 2.789 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.15 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion: 82 Resp: 19962

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	28.5	13.5	20.3#



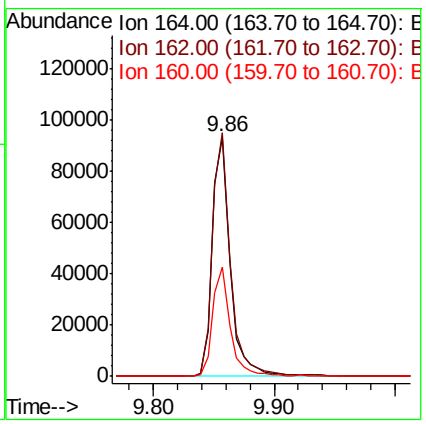


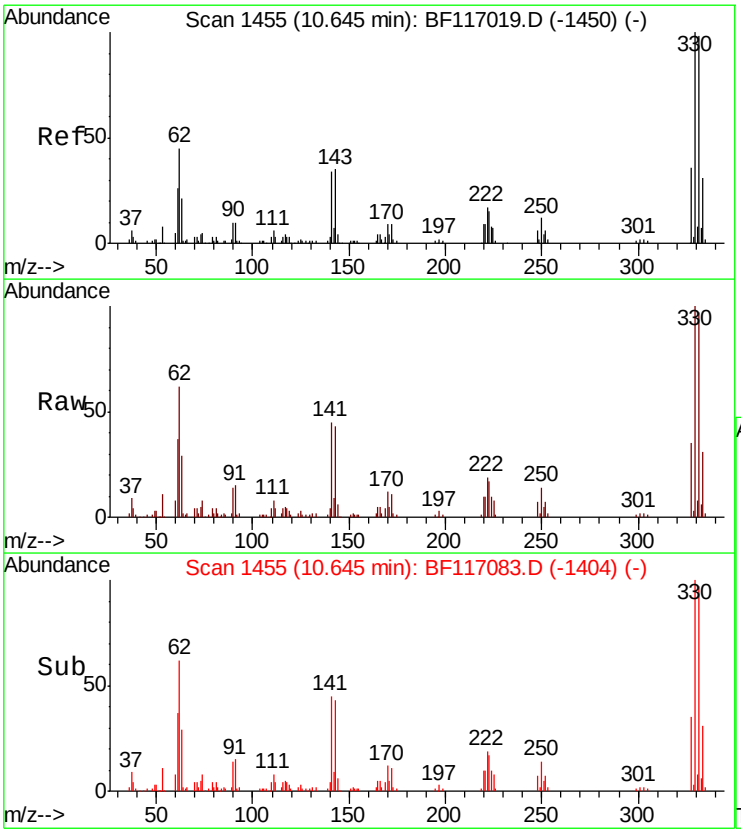
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 95642

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.4	125.2
160	45.8	36.4	54.6

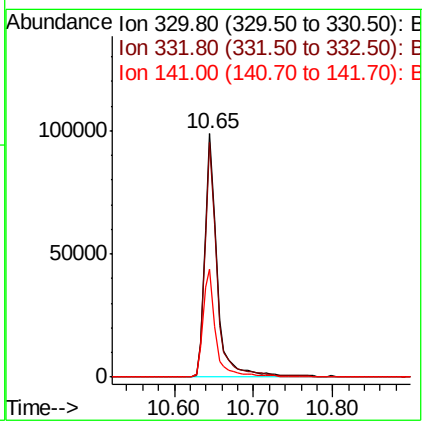


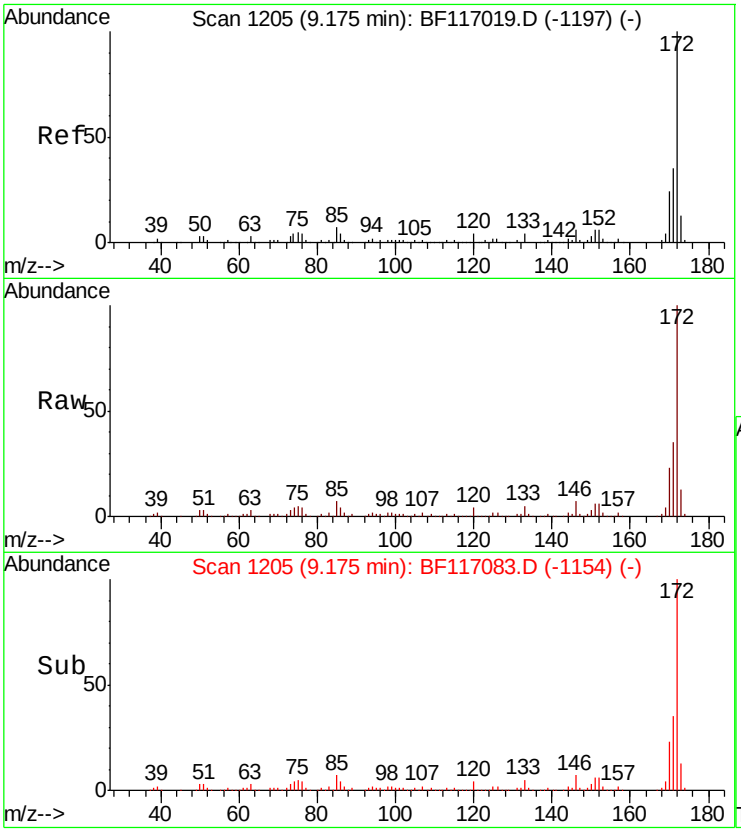


#42
2,4,6-Tribromophenol
Concen: 135.349 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:330 Resp: 108191

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.0	117.0
141	44.2	35.8	53.6



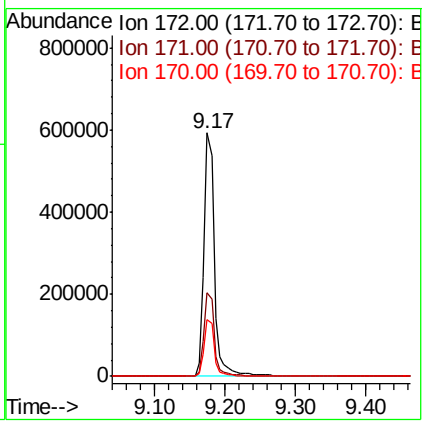


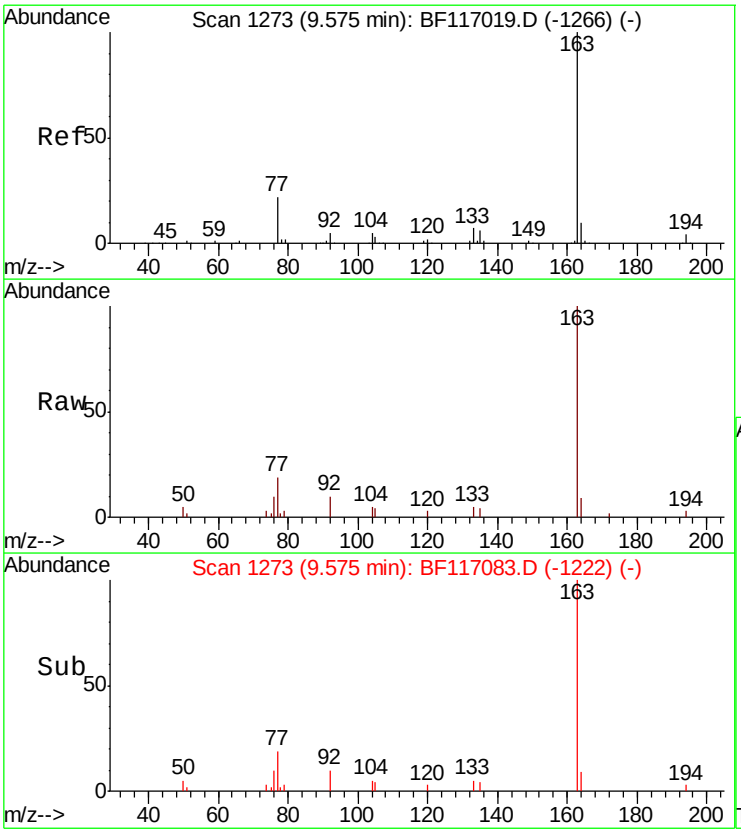
#45
2-Fluorobiphenyl
Concen: 100.273 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 613360

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	23.3	18.9	28.3

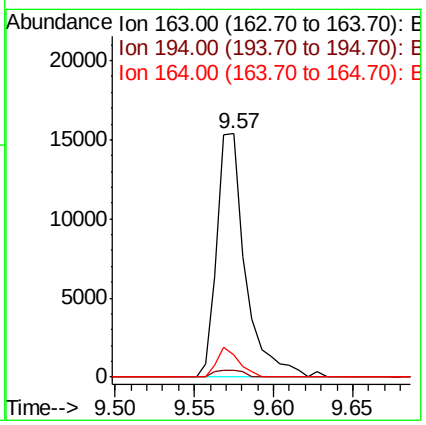


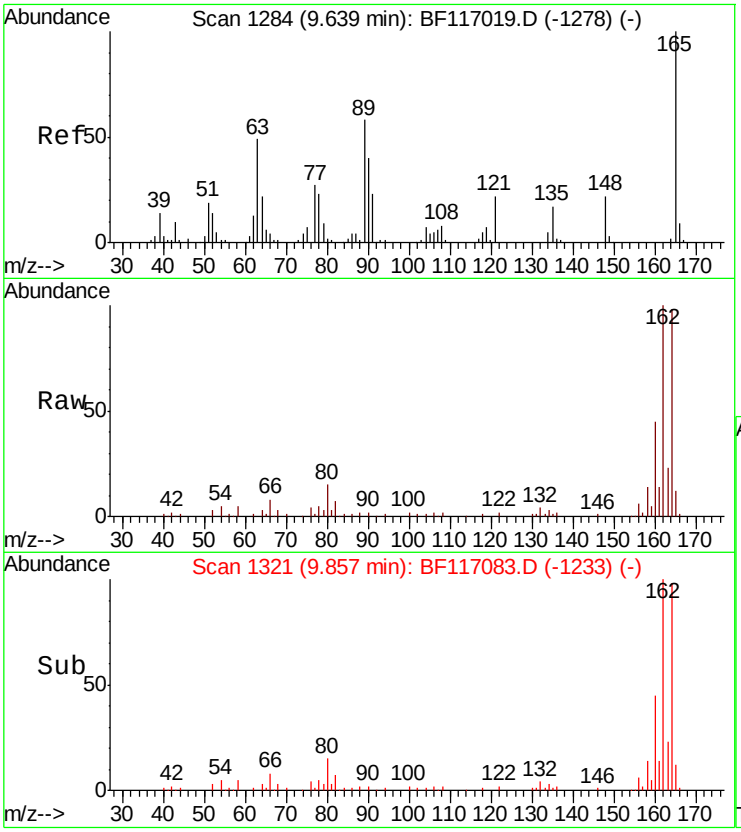


#50
Dimethylphthalate
Concen: 2.847 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:163 Resp: 19283

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.9	4.3#
164	9.3	8.2	12.4



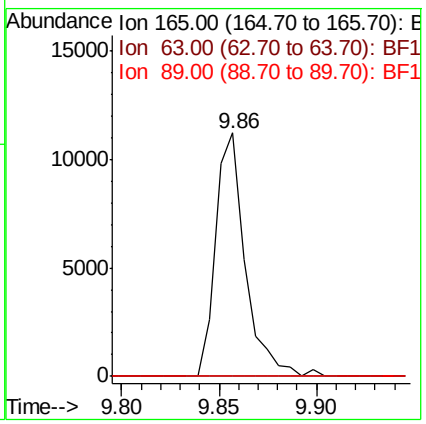


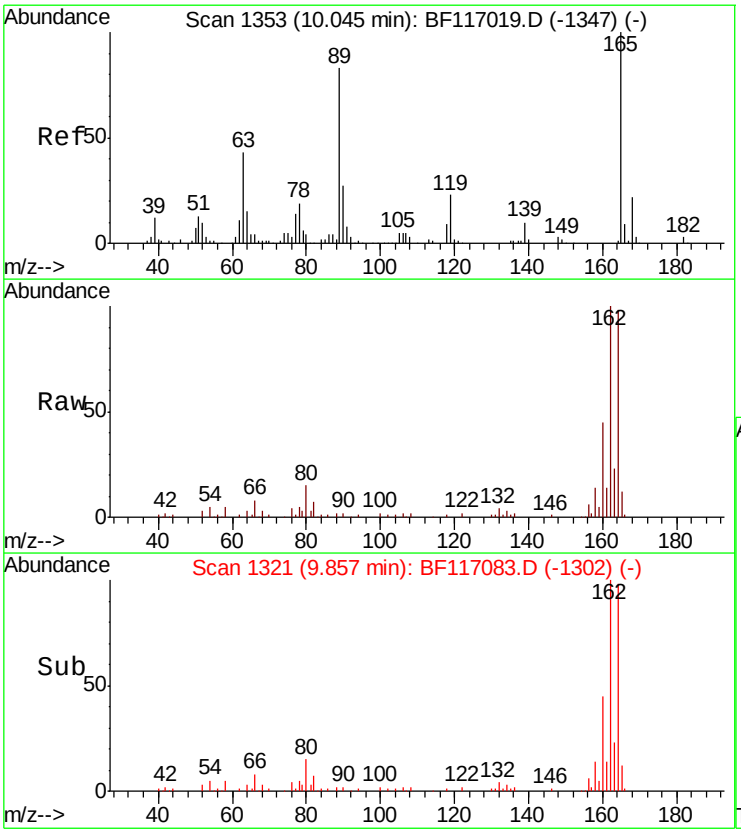
#51
2,6-Dinitrotoluene
Concen: 8.537 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.22 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11774

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#

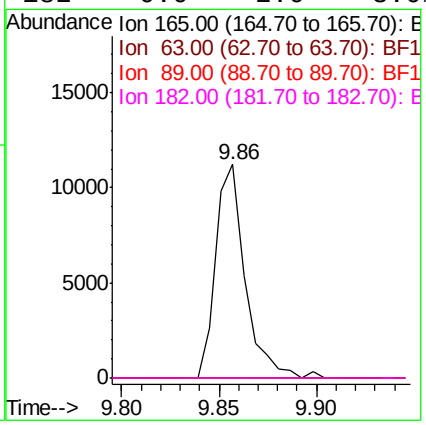


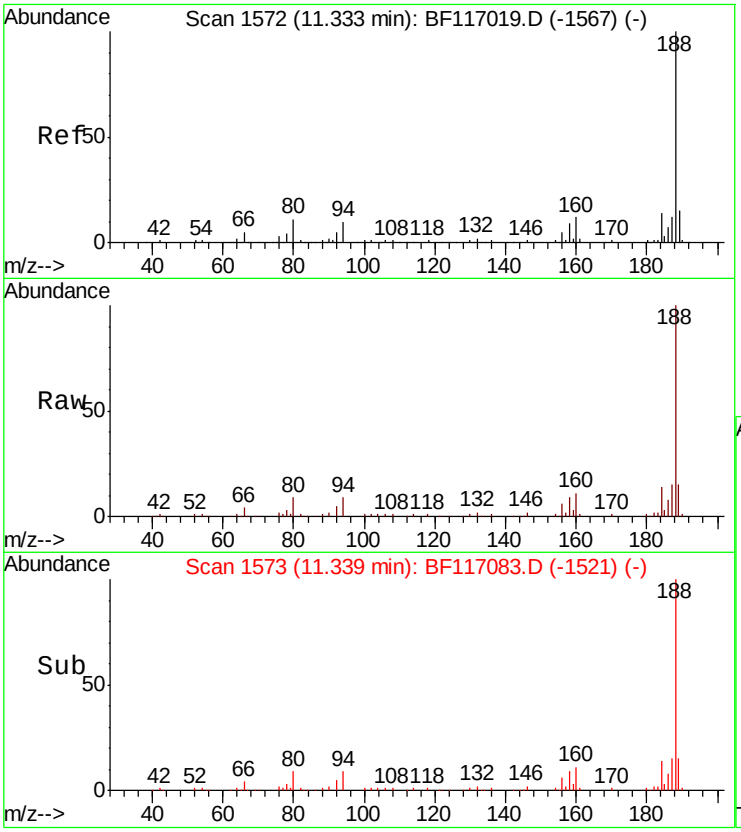


#57
2,4-Dinitrotoluene
Concen: 6.577 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:165 Resp: 11774

Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



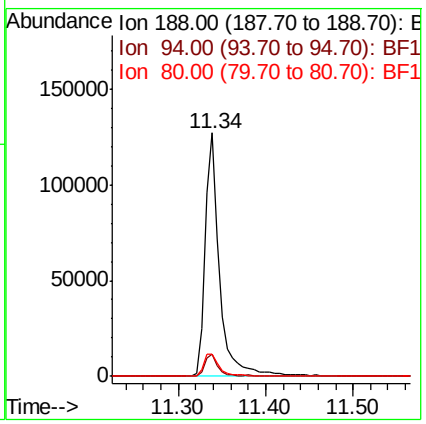


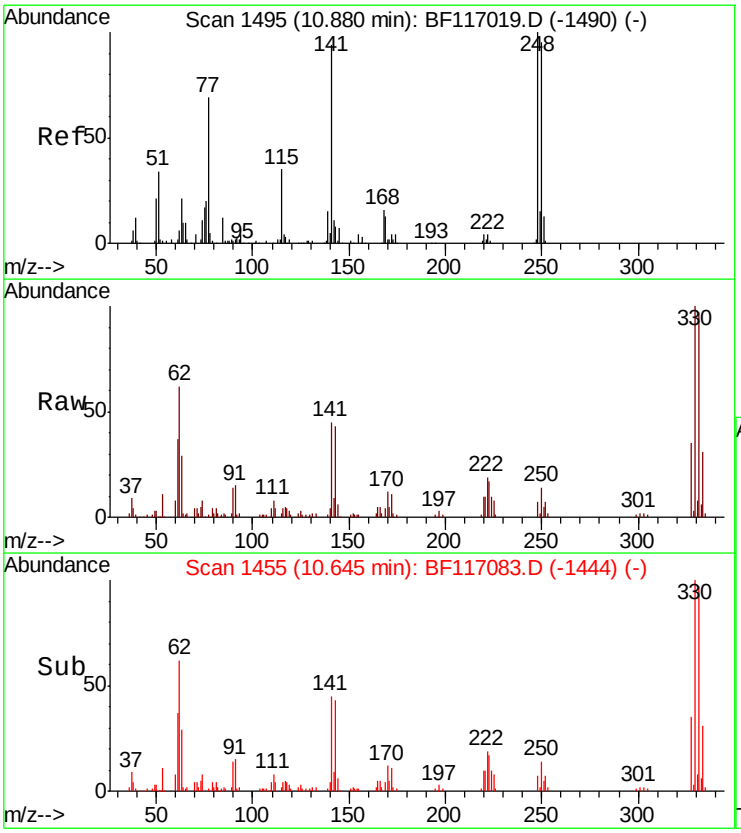
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 145410

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.2	9.0	13.6

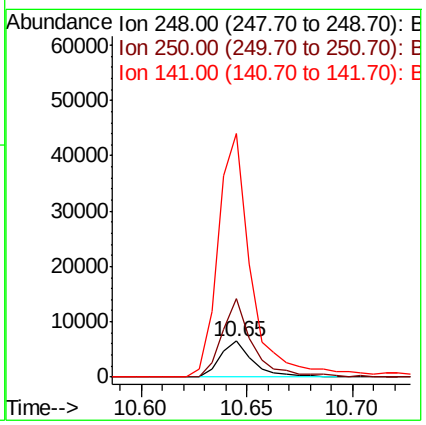


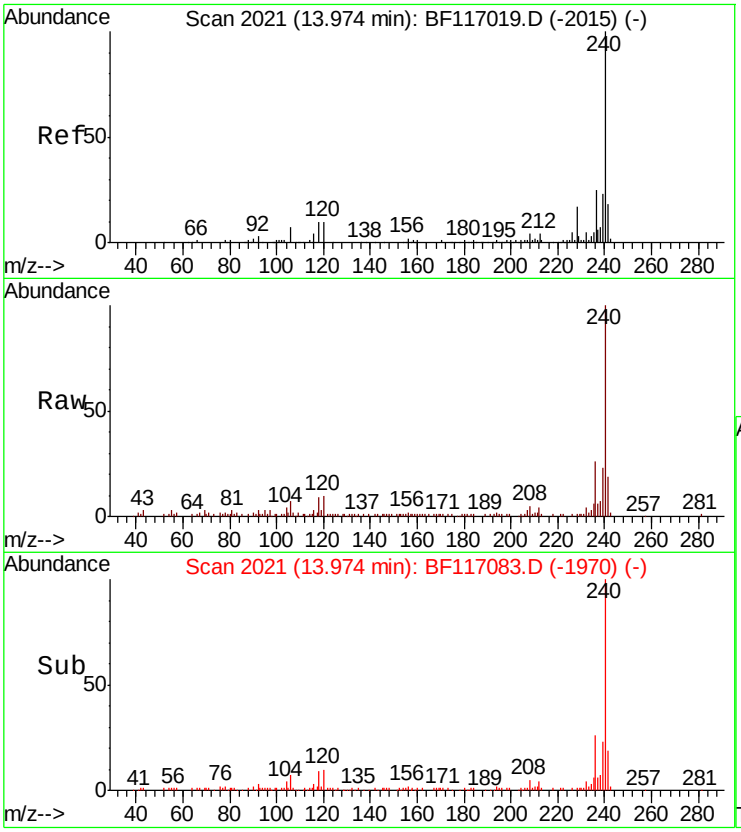


#67
4-Bromophenyl-phenylether
Concen: 4.592 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:248 Resp: 6819

Ion	Ratio	Lower	Upper
248	100		
250	218.0	76.2	114.4#
141	673.1	75.0	112.4#



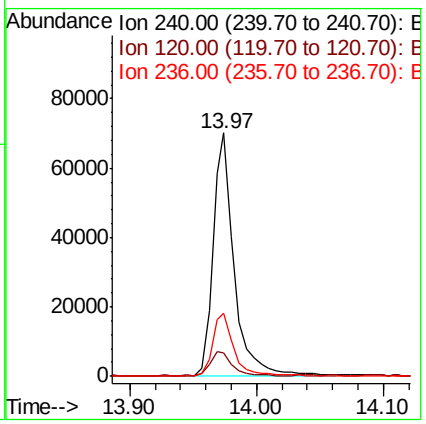


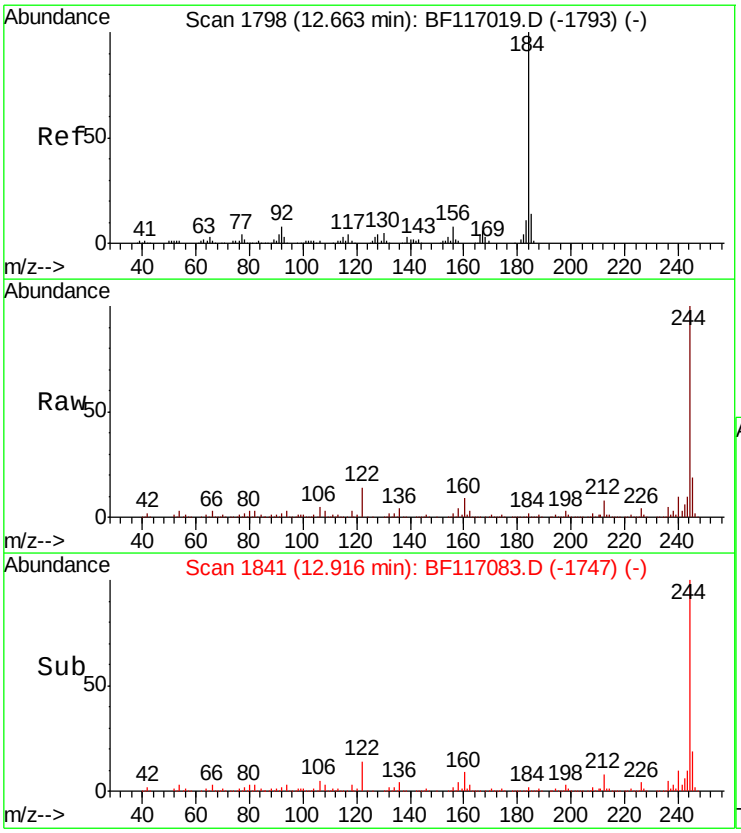
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 82121

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	25.7	20.3	30.5

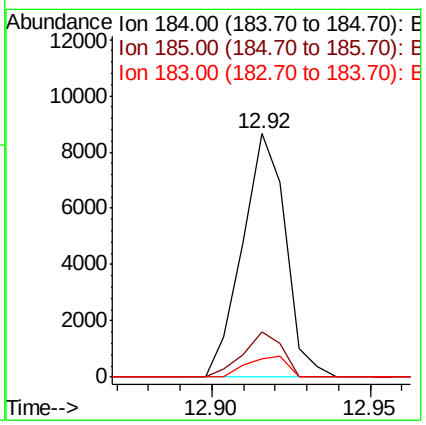


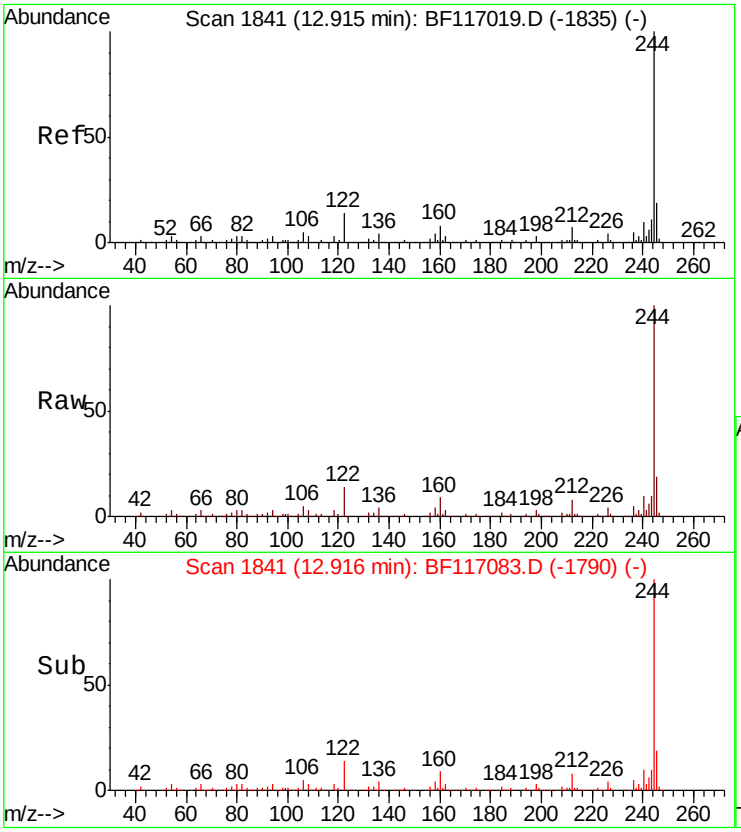


#77
Benzidine
Concen: 3.087 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:184 Resp: 8166

Ion	Ratio	Lower	Upper
184	100		
185	18.4	11.6	17.4#
183	7.6	9.0	13.4#



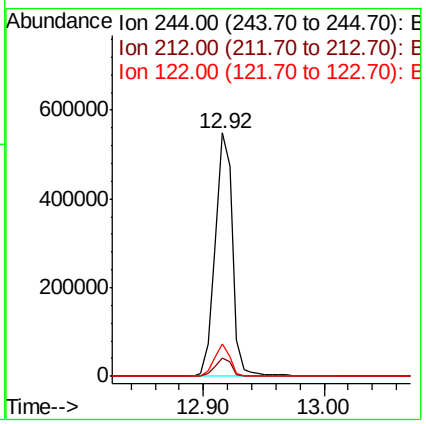


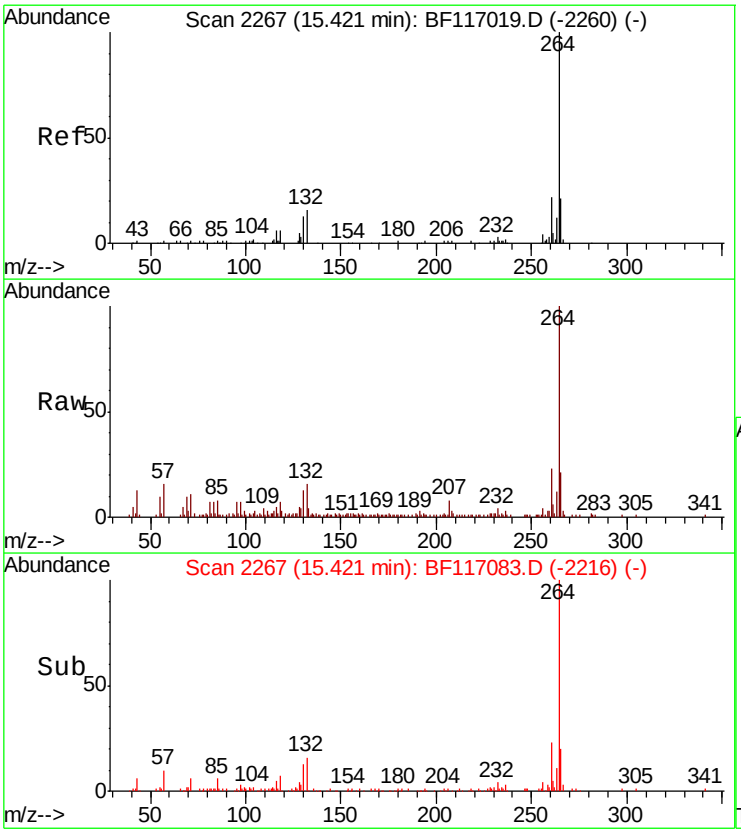
#79
Terphenyl-d14
Concen: 122.052 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 536215

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	13.5	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117083.D
Acq: 17 Sep 2019 1:31

Tgt Ion:264 Resp: 65423

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	20.9	16.6	24.8