Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117090.D
Acq On : 17 Sep 2019 4:37
Operator : HP/JU
Sample : K4878-18
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 17 05:19:53 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	61621	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	231014	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	105896	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	156206	20.00	ng	0.00
76) Chrysene-d12	13.97	240	89777	20.00	ng	0.00
87) Perylene-d12	15.42	264	67030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	479900	121.59	ng	0.02
7) Phenol-d6	6.47	99	570426	111.83	ng	0.01
23) Nitrobenzene-d5	7.39	82	386649	87.94	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	100869	113.97	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	729903	107.77	ng	0.00
79) Terphenyl-d14	12.92	244	610615	127.13	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.47	77	898	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	52396	16.869	ng	# 79
25) Isophorone	7.49	82	21578	2.772	ng	# 75
50) Dimethylphthalate	9.57	163	25950	3.461	ng	99
51) 2,6-Dinitrotoluene	9.85	165	12892	8.442	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	12892	6.504	ng	# 18
67) 4-Bromophenyl-phenylether	10.65	248	6448	4.042	ng	# 1
77) Benzidine	12.92	184	9097	3.146	ng	# 87

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
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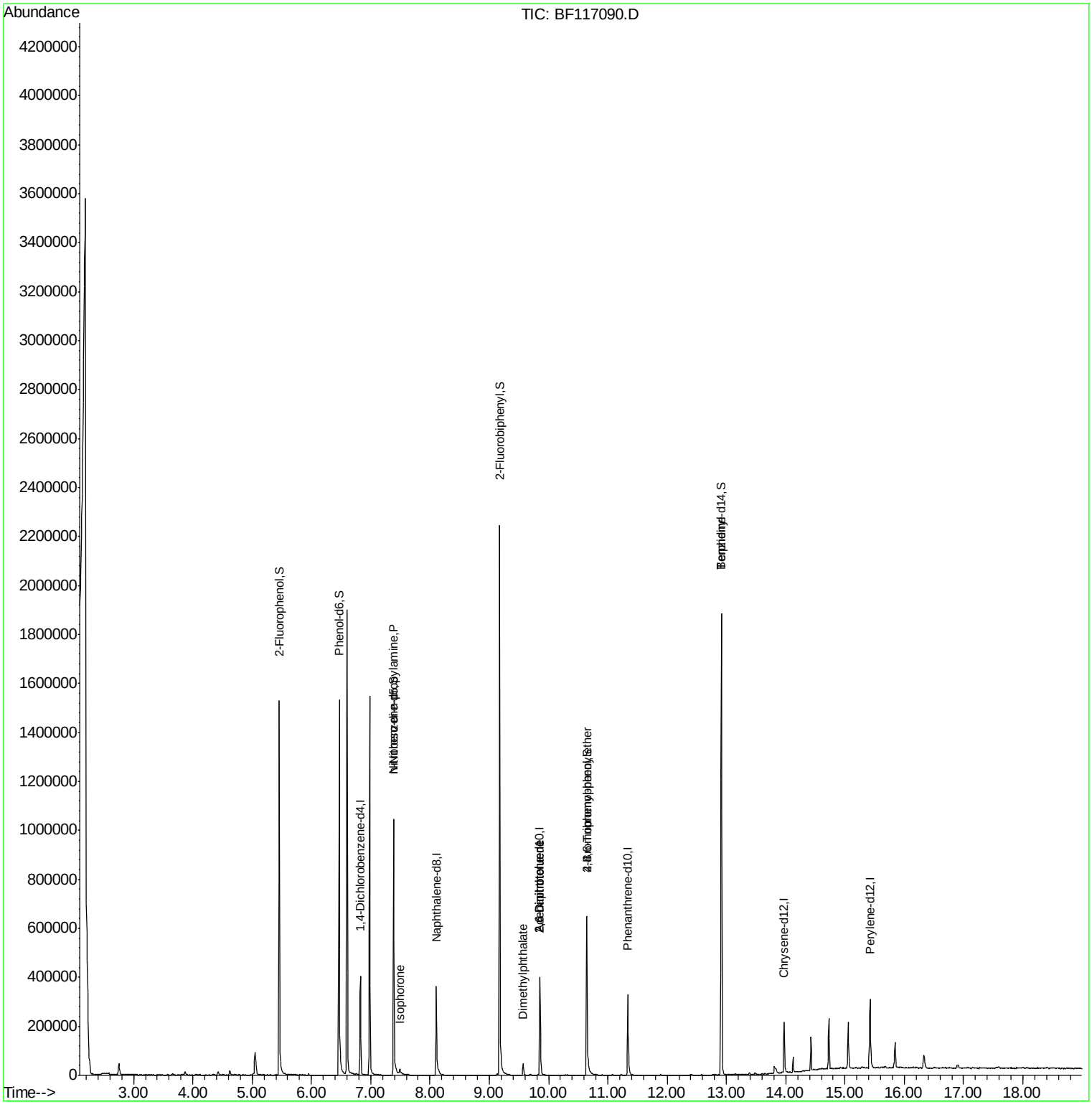
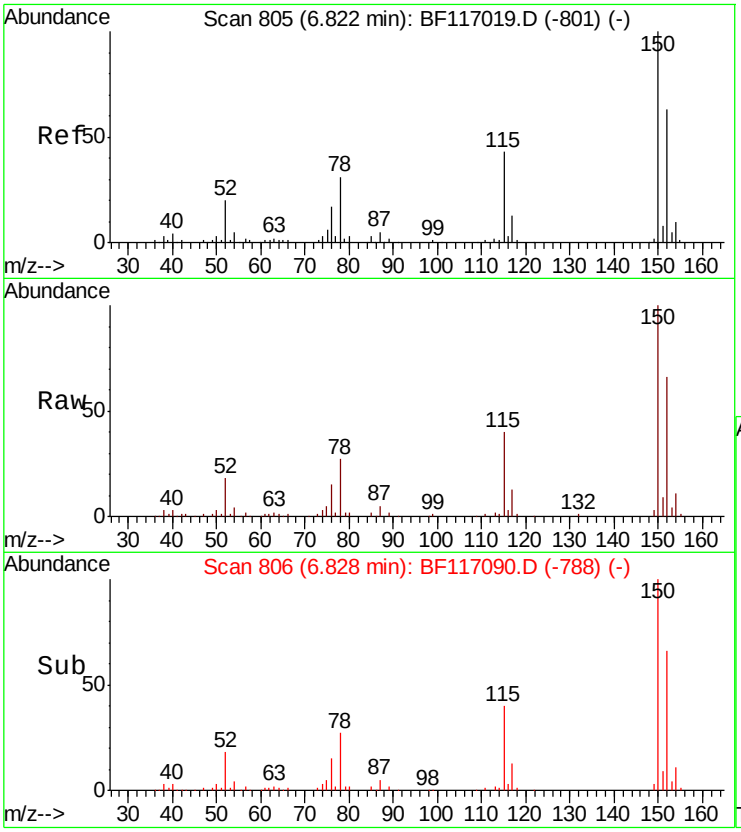


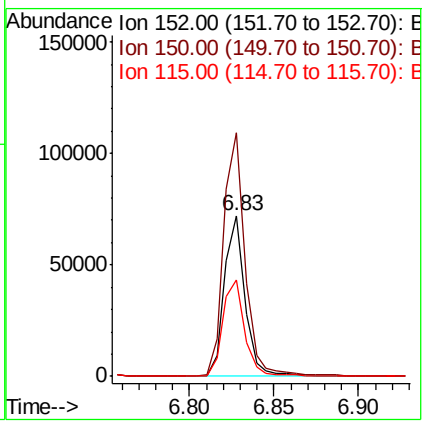


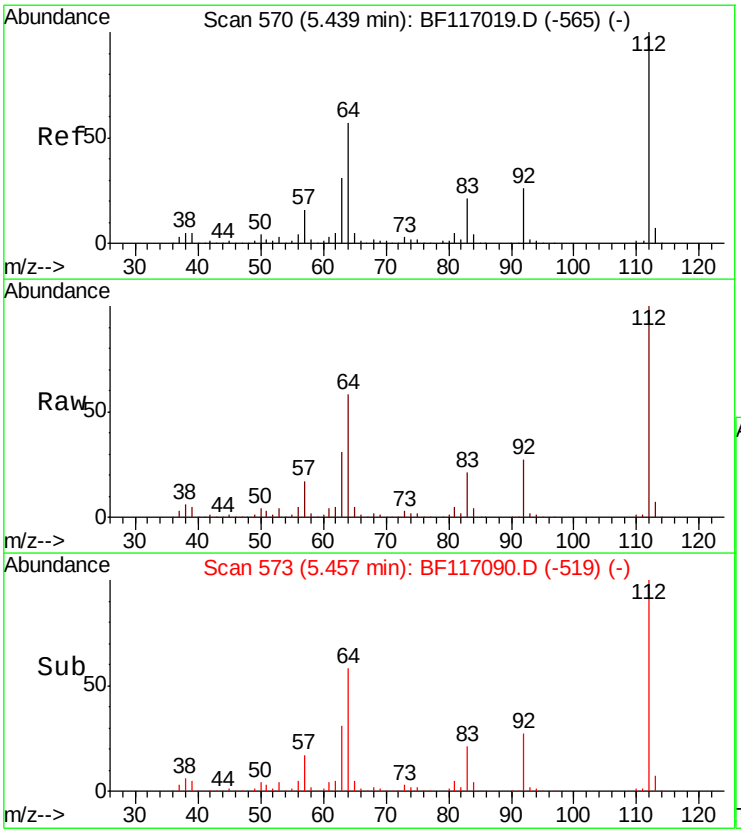
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 61621

Ion	Ratio	Lower	Upper
152	100		
150	151.3	127.5	191.3
115	60.0	55.0	82.4

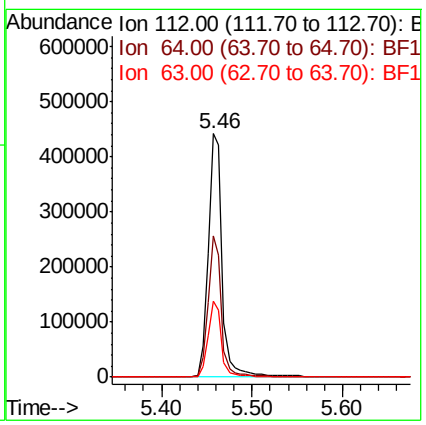


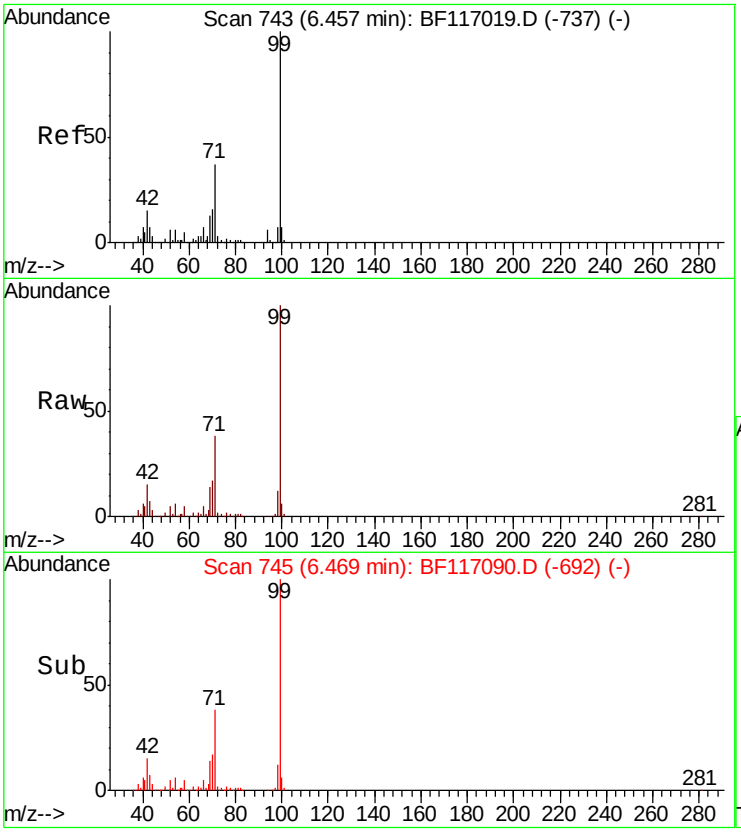


#5
2-Fluorophenol
Concen: 121.589 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:112 Resp: 479900

Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.7	68.5
63	31.2	24.9	37.3



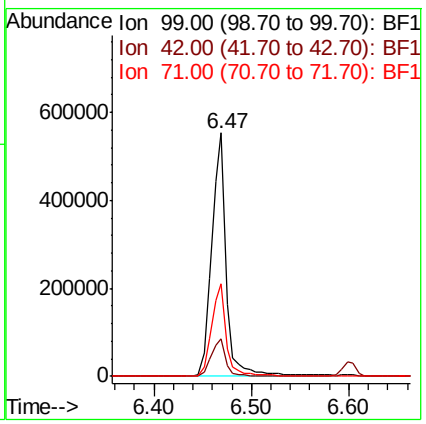


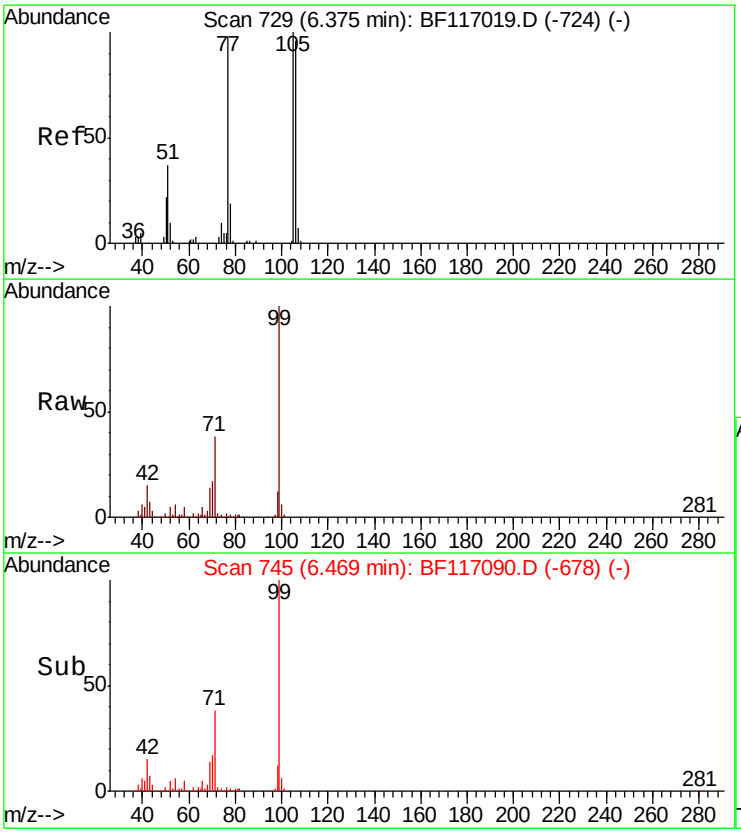
#7
Phenol-d6
Concen: 111.830 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 570426

Ion	Ratio	Lower	Upper
99	100		
42	15.3	12.2	18.2
71	38.2	29.8	44.8

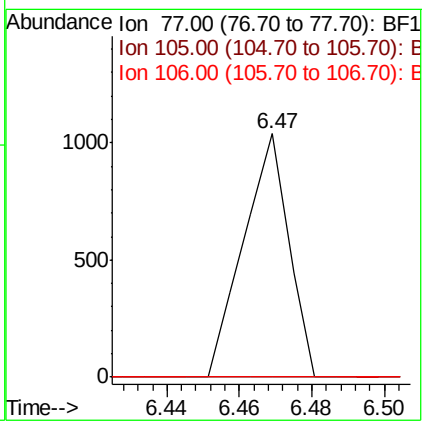


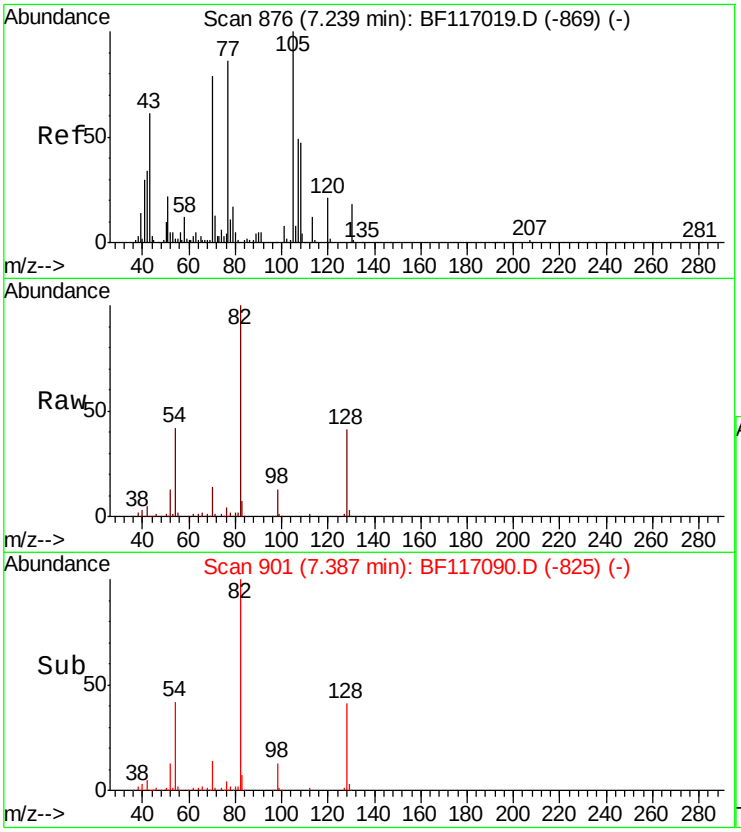


#9
Benzaldehyde
Concen: Below Cal
RT: 6.47 min Scan# 745
Delta R.T. 0.09 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion: 77 Resp: 898

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



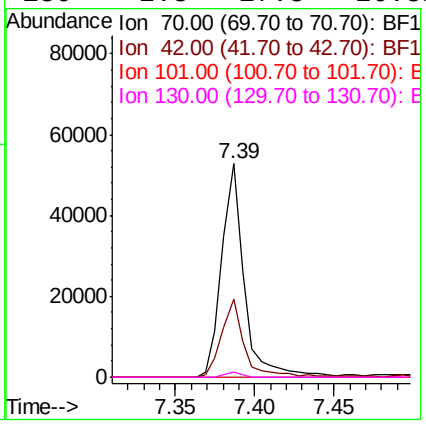


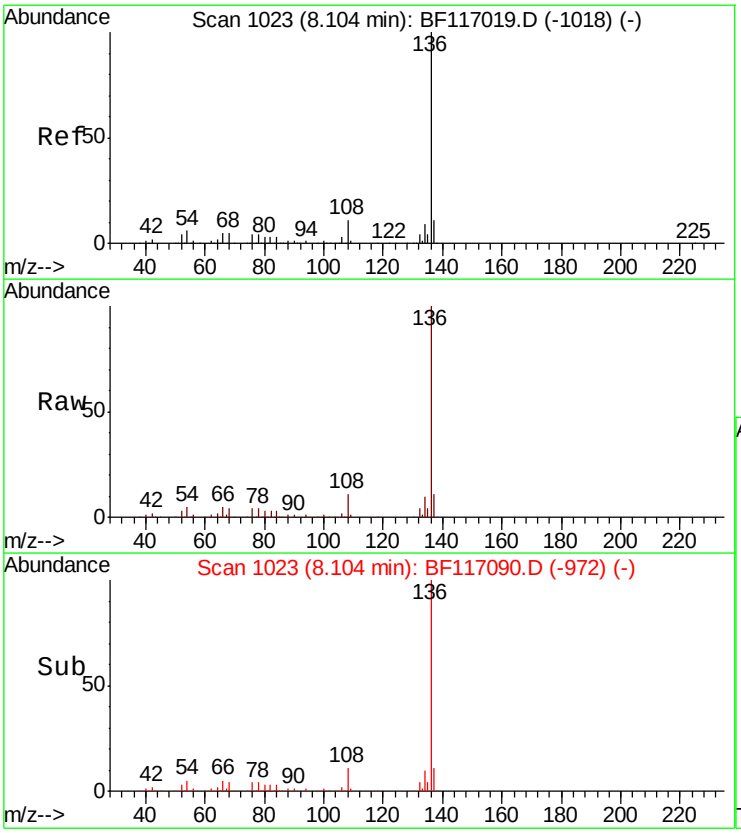
#19
n-Nitroso-di-n-propylamine
Concen: 16.869 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 52396

Ion	Ratio	Lower	Upper
70	100		
42	36.5	34.0	51.0
101	0.0	7.8	11.6#
130	2.3	17.8	26.8#

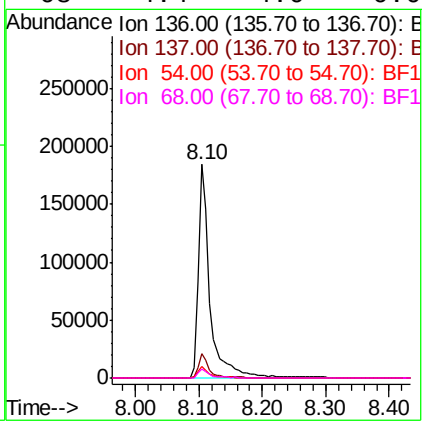


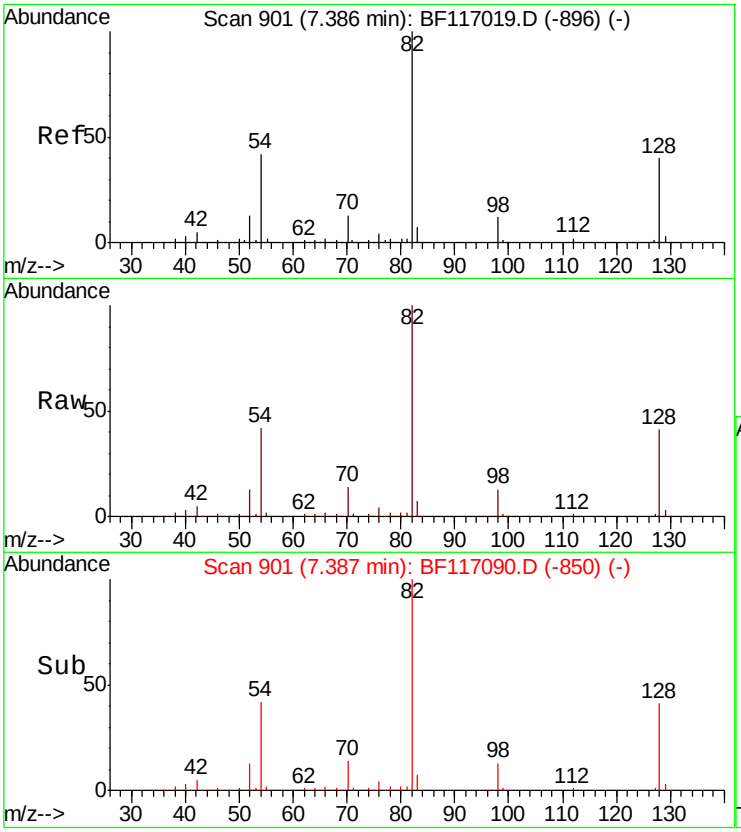


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:136 Resp: 231014

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	5.5	4.5	6.7
68	4.4	4.0	6.0



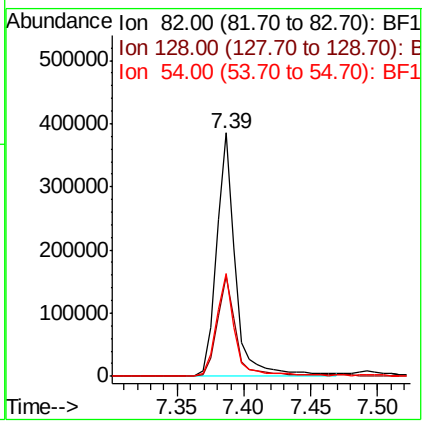


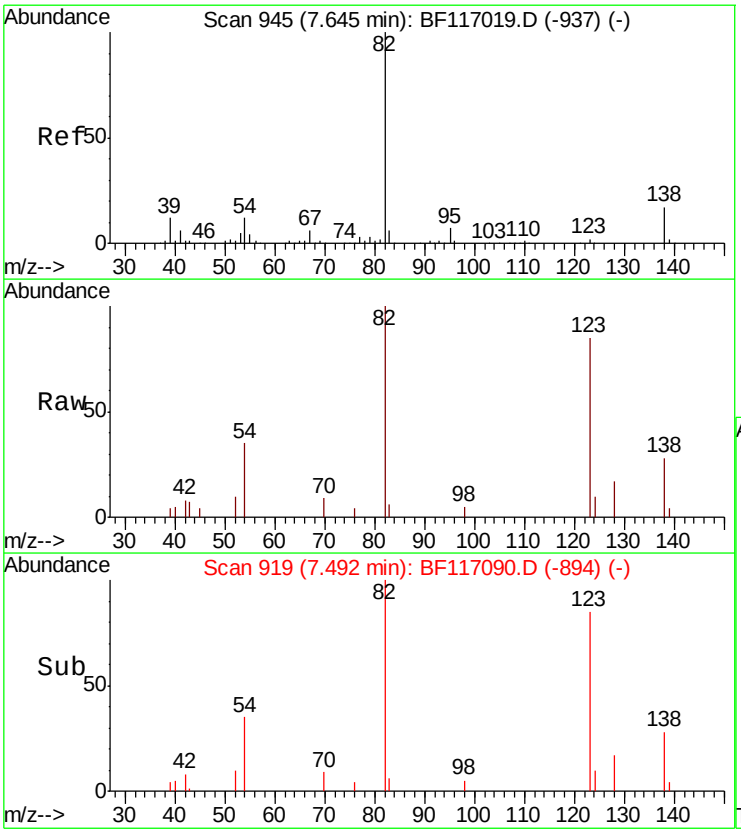
#23
Nitrobenzene-d5
Concen: 87.940 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 386649

Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.3	48.5
54	42.3	33.3	49.9

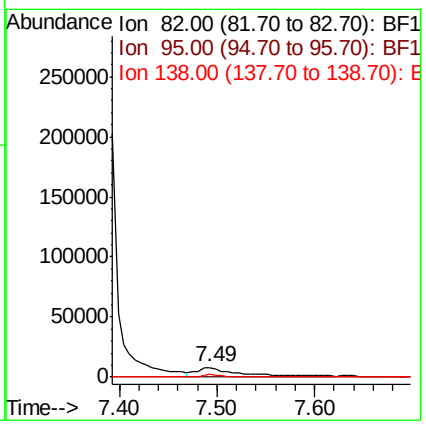


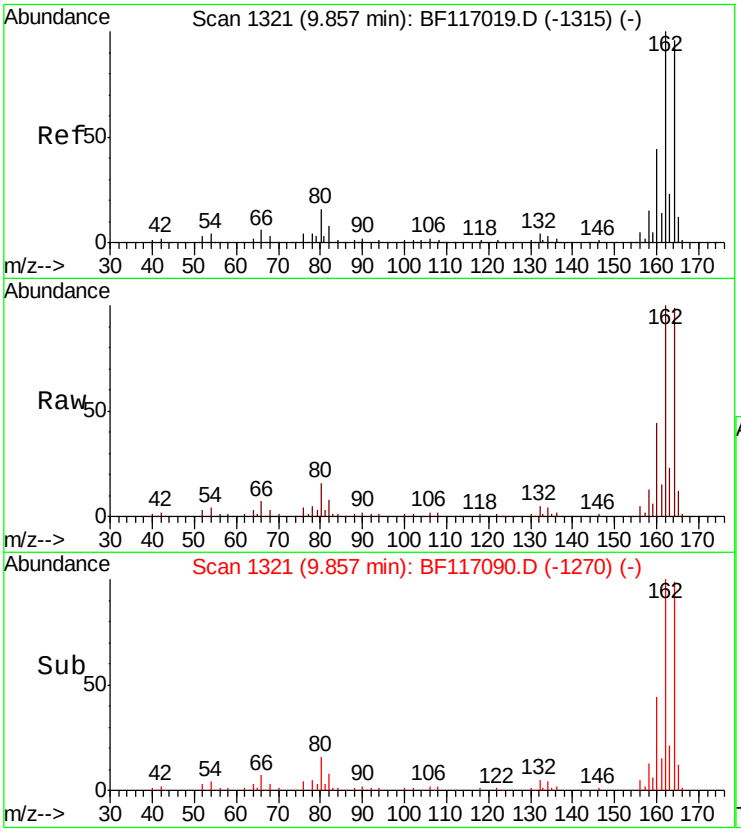


#25
Isophorone
Concen: 2.772 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.15 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion: 82 Resp: 21578

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	28.4	13.5	20.3#



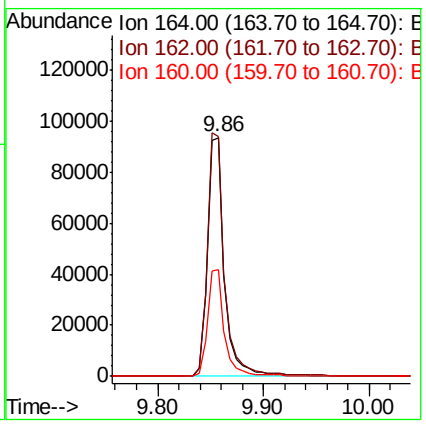


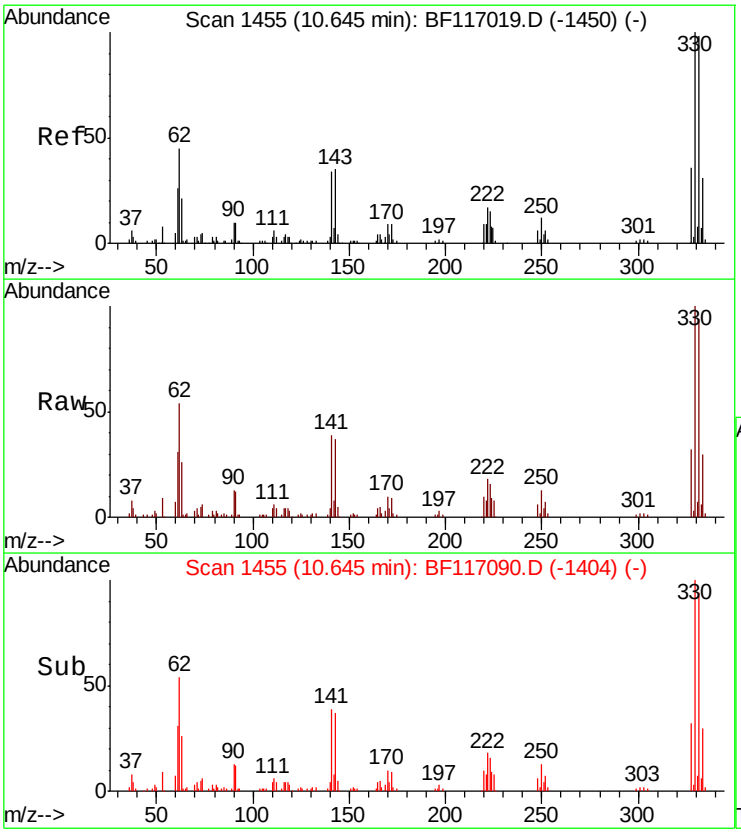
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 105896

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	44.7	36.4	54.6

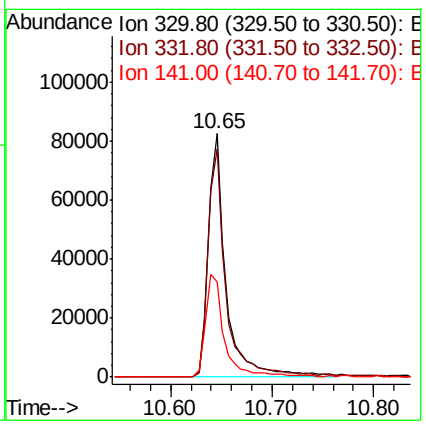


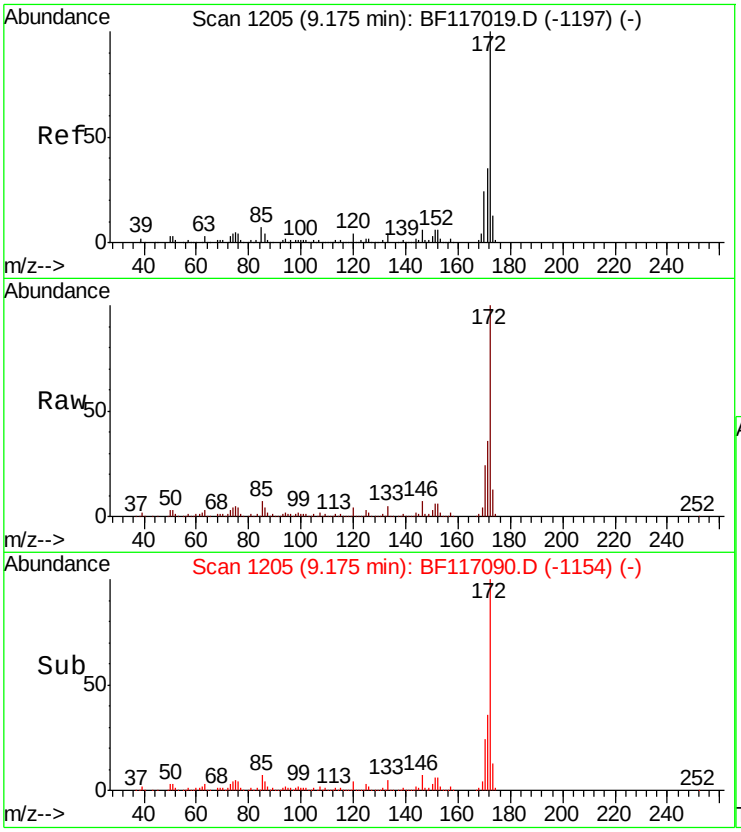


#42
2,4,6-Tribromophenol
Concen: 113.970 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:330 Resp: 100869

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	44.9	35.8	53.6



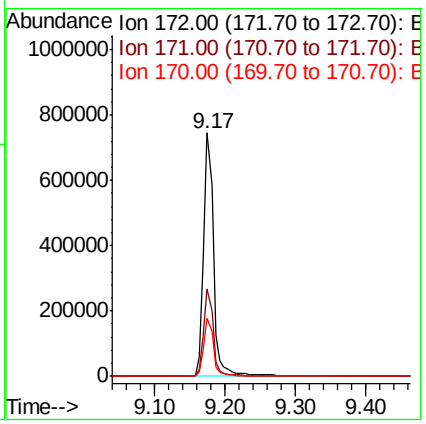


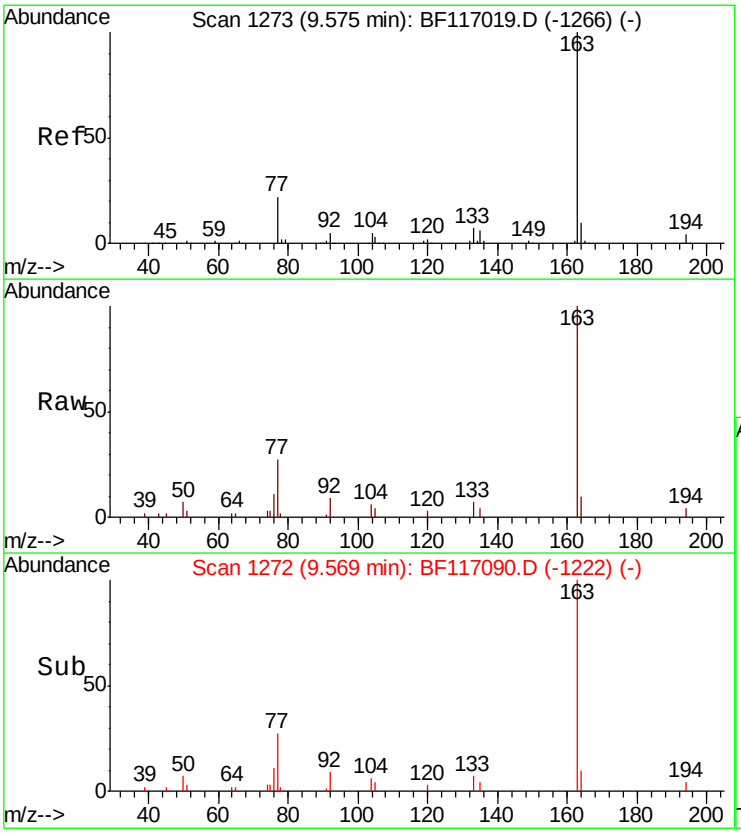
#45
2-Fluorobiphenyl
Concen: 107.772 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 729903

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	23.8	18.9	28.3

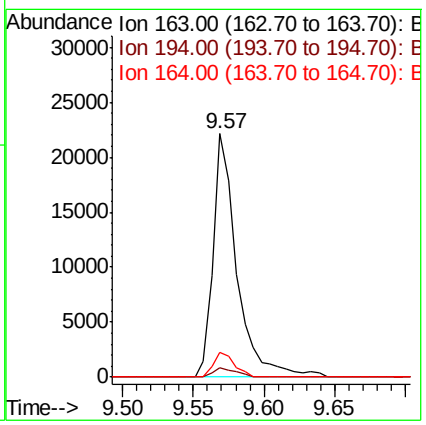


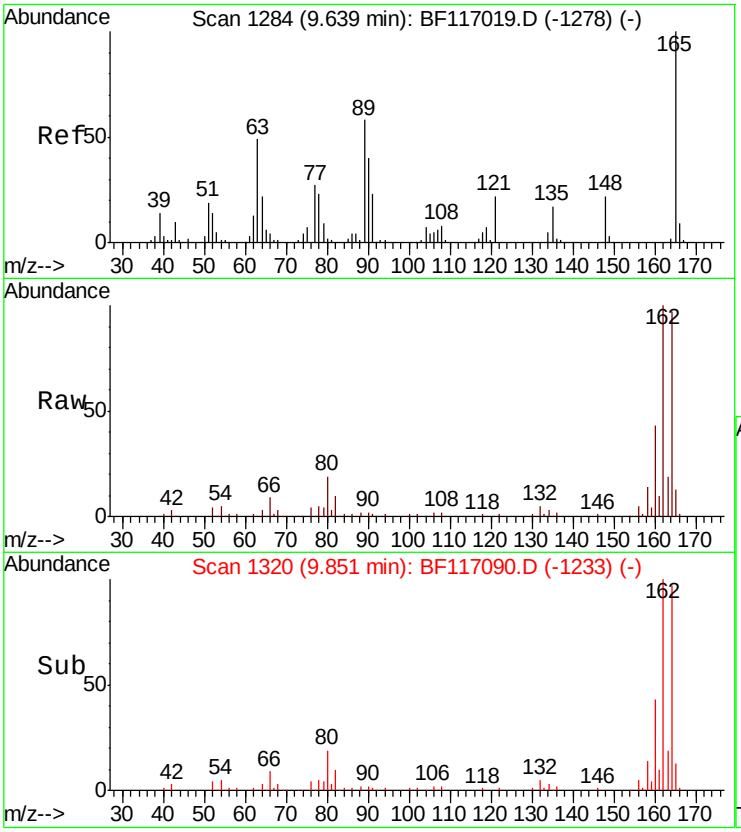


#50
Dimethylphthalate
Concen: 3.461 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:163 Resp: 25950

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.9	8.2	12.4



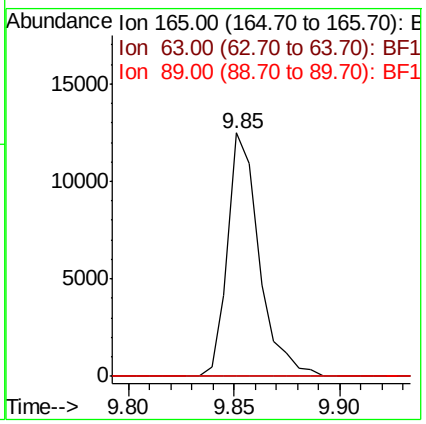


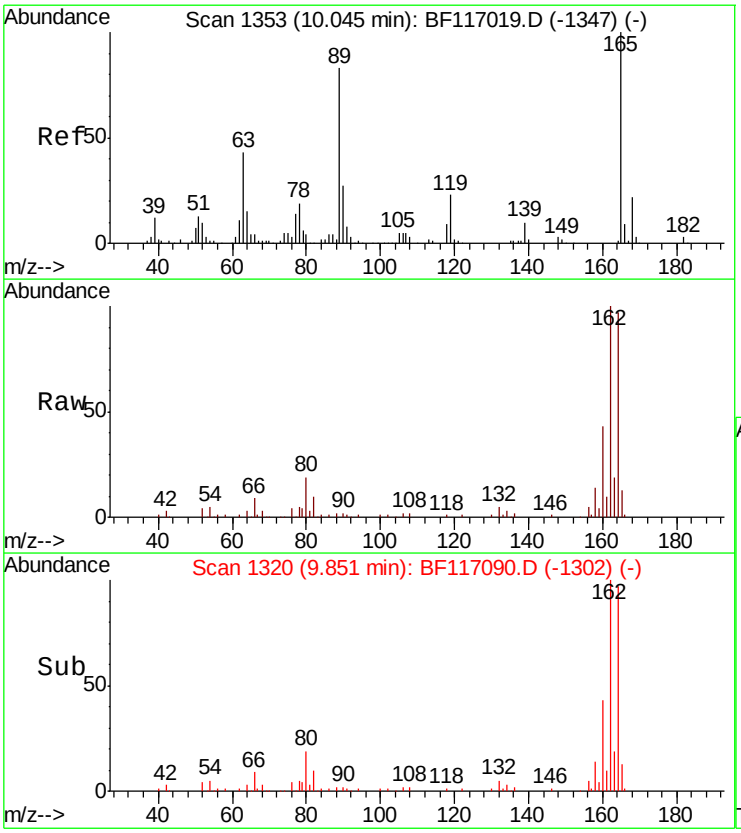
#51
2,6-Dinitrotoluene
Concen: 8.442 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12892

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

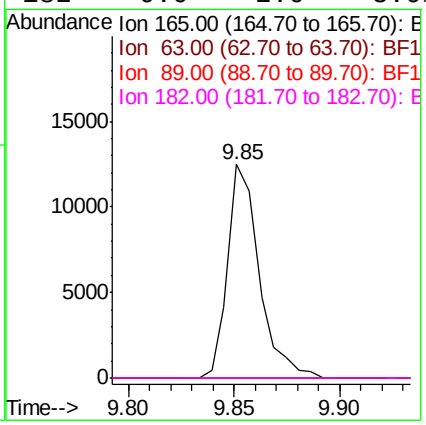


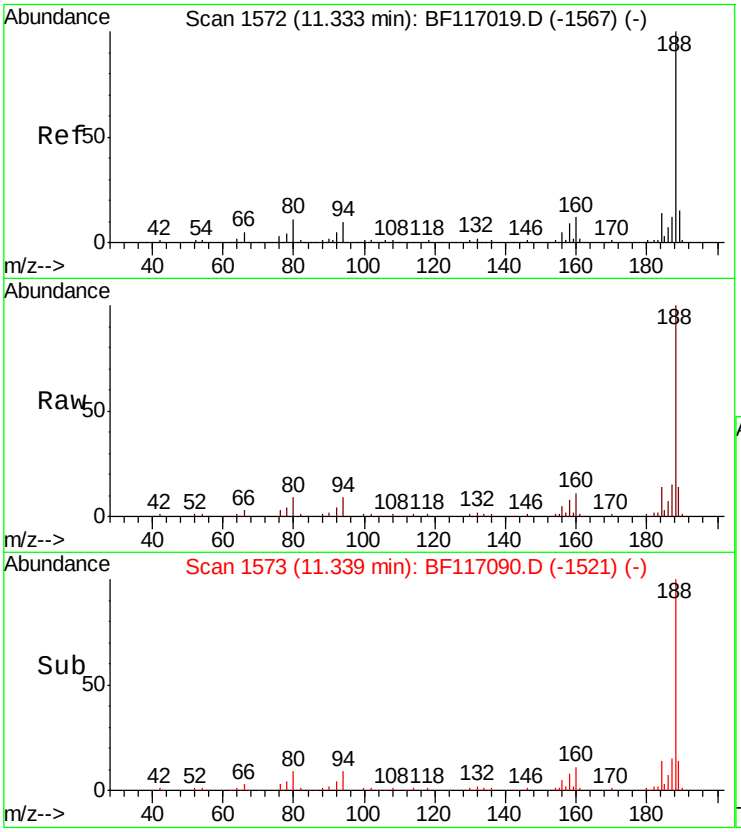


#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:165 Resp: 12892

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#



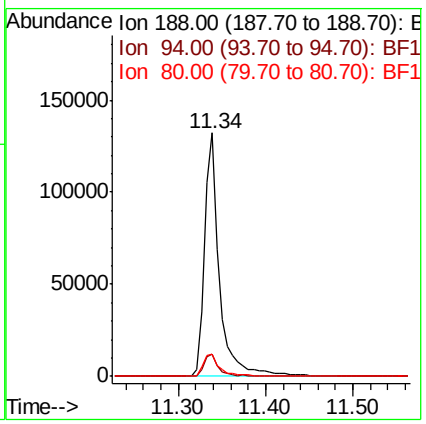


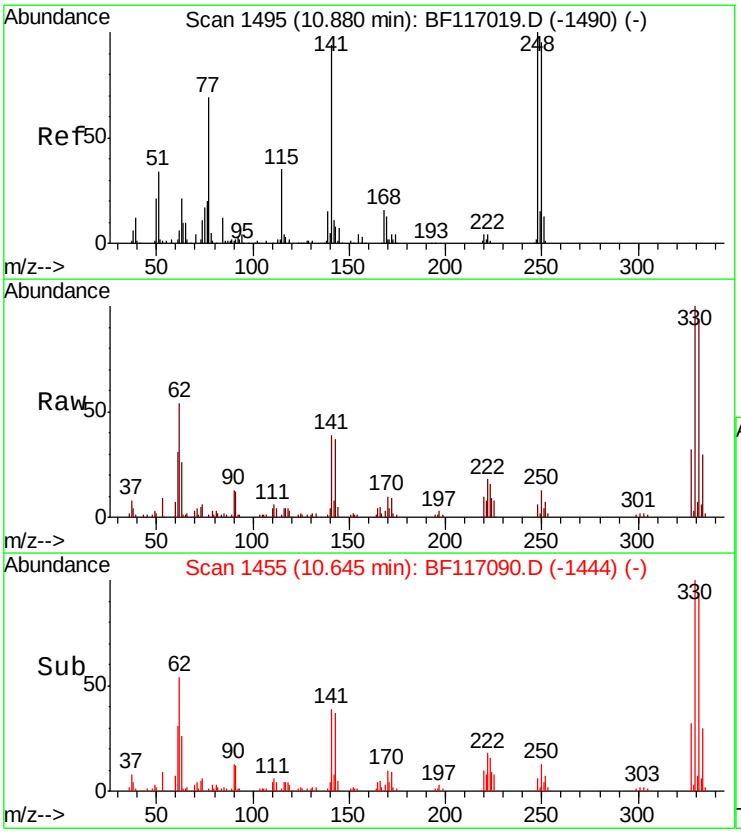
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 156206

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.3	9.0	13.6

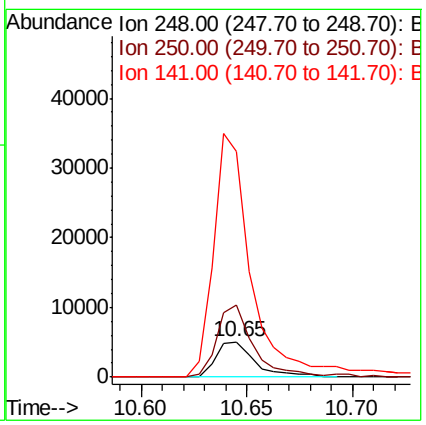


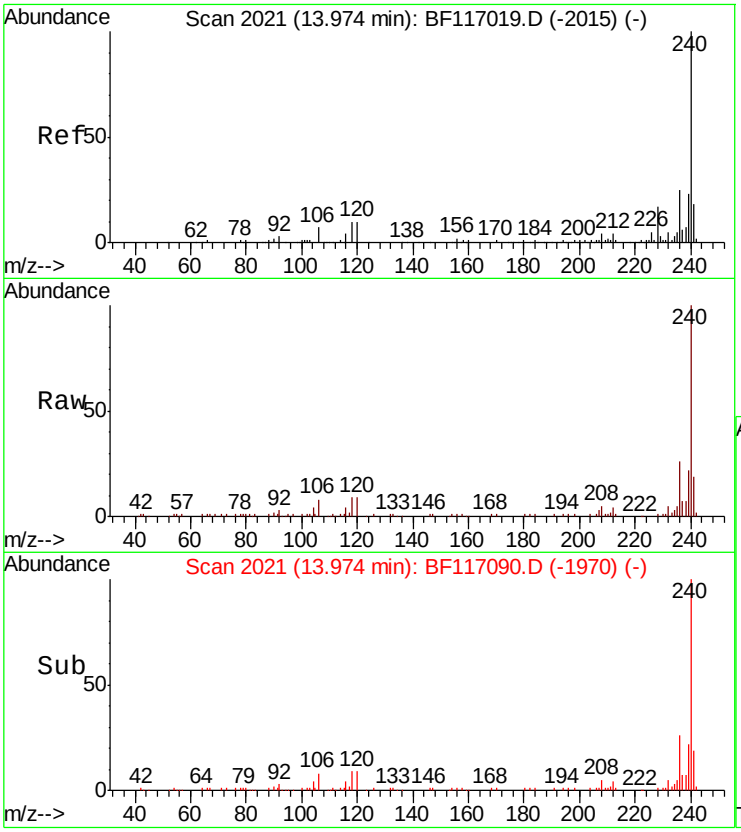


#67
4-Bromophenyl-phenylether
Concen: 4.042 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:248 Resp: 6448

Ion	Ratio	Lower	Upper
248	100		
250	203.5	76.2	114.4#
141	637.0	75.0	112.4#



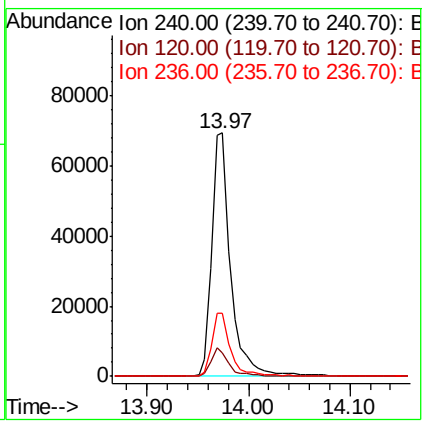


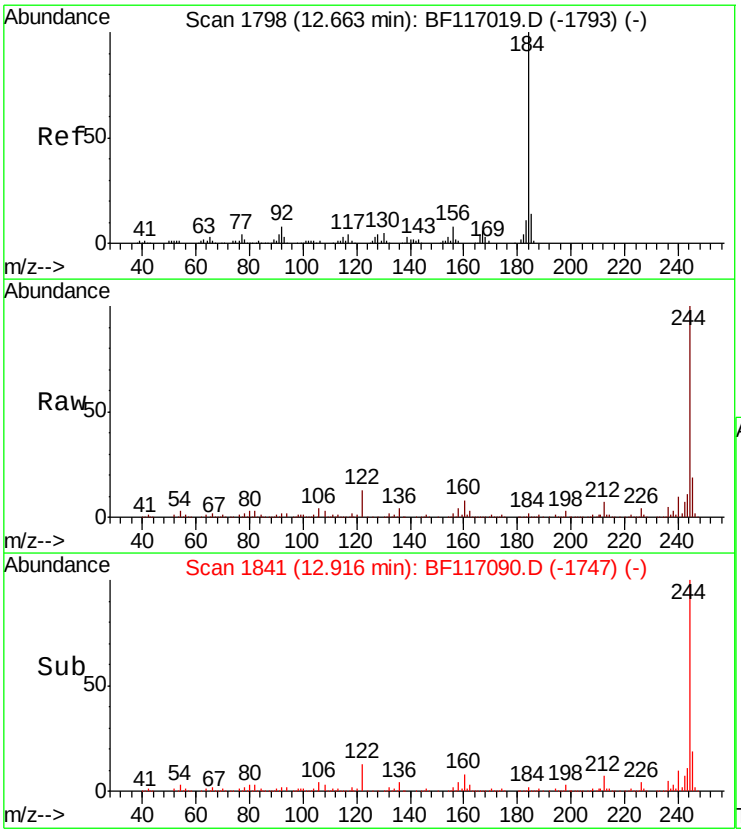
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 89777

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.3	12.5
236	25.9	20.3	30.5

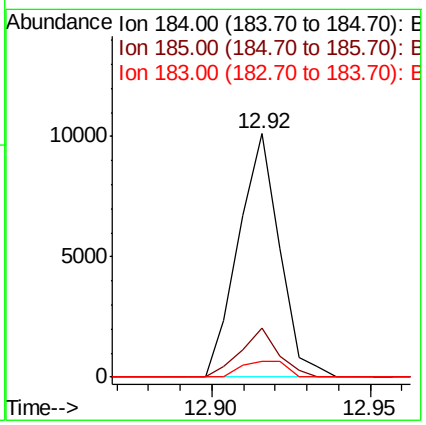


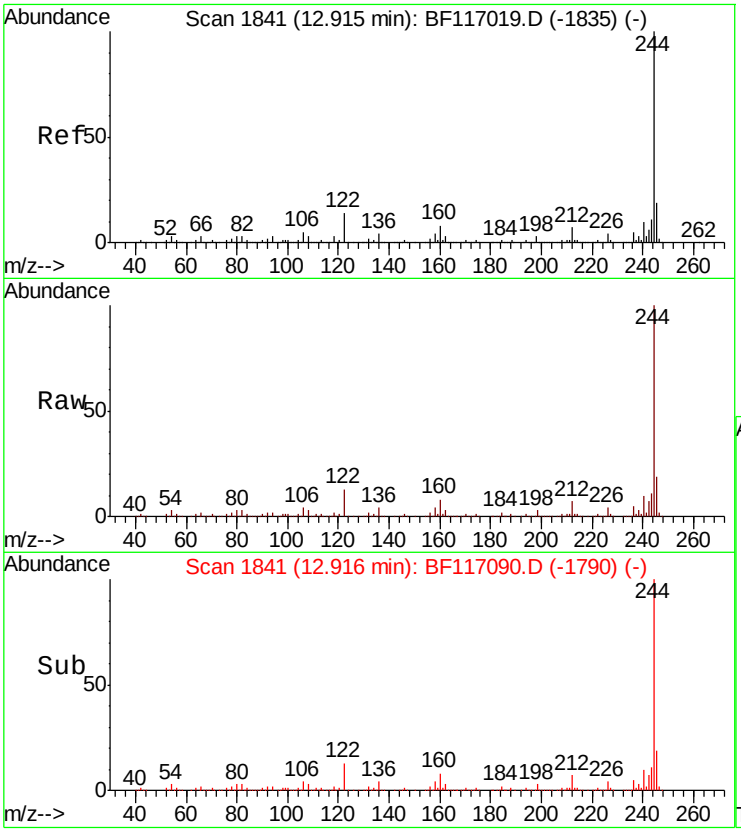


#77
Benzidine
Concen: 3.146 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:184 Resp: 9097

Ion	Ratio	Lower	Upper
184	100		
185	20.3	11.6	17.4#
183	6.6	9.0	13.4#



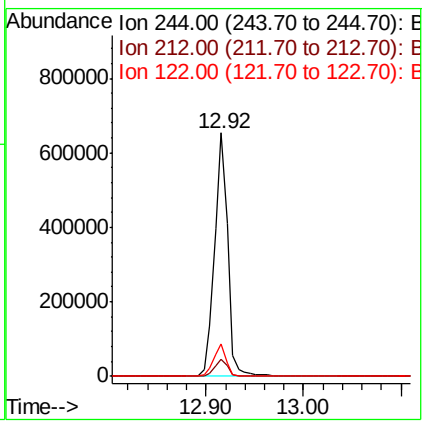


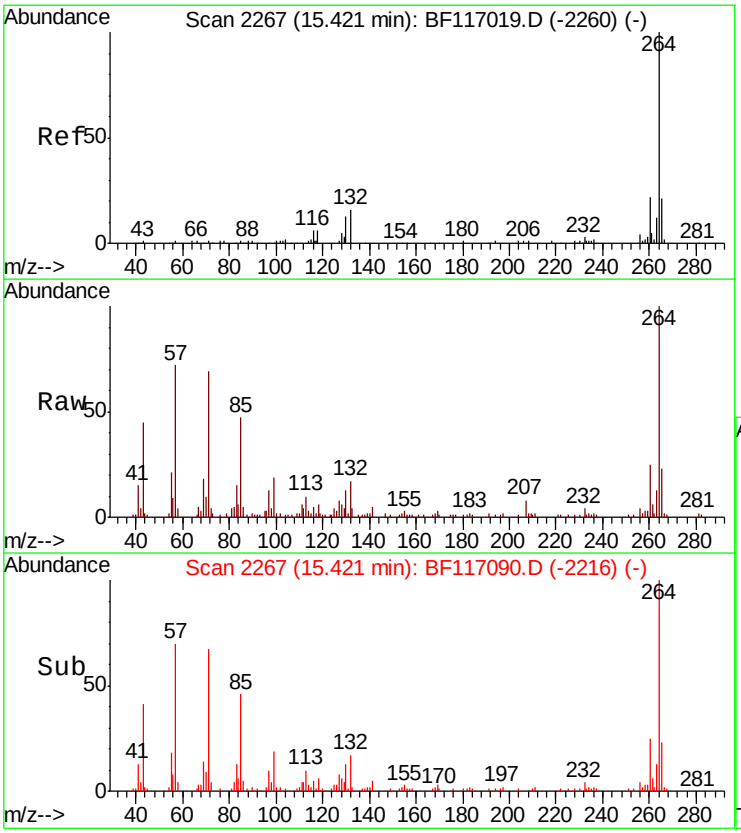
#79
Terphenyl-d14
Concen: 127.134 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117090.D
Acq: 17 Sep 2019 4:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 610615

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.1	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: BF117090.D
Acq: 17 Sep 2019 4:37

Tgt Ion:264 Resp: 67030

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.6	26.4
265	23.1	16.6	24.8