Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117092.D
Acq On : 17 Sep 2019 5:31
Operator : HP/JU
Sample : K4877-15
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 17 08:20:49 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	59486	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	218210	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	99546	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	150972	20.00	ng	0.00
76) Chrysene-d12	13.97	240	92555	20.00	ng	0.00
87) Perylene-d12	15.42	264	68372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	452702	118.81	ng	0.02
7) Phenol-d6	6.47	99	532568	108.16	ng	0.01
23) Nitrobenzene-d5	7.39	82	360327	86.76	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	105220	126.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	695761	109.28	ng	0.00
79) Terphenyl-d14	12.92	244	608559	122.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	846	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	49285	16.437	ng	# 82
25) Isophorone	7.49	82	20379	2.771	ng	# 78
51) 2,6-Dinitrotoluene	9.86	165	12632	8.800	ng	# 24
57) 2,4-Dinitrotoluene	9.86	165	12632	6.779	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.64	198	166	7.109	ng	# 15
67) 4-Bromophenyl-phenylether	10.65	248	6238	4.046	ng	# 1
77) Benzidine	12.92	184	8642	2.899	ng	# 94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
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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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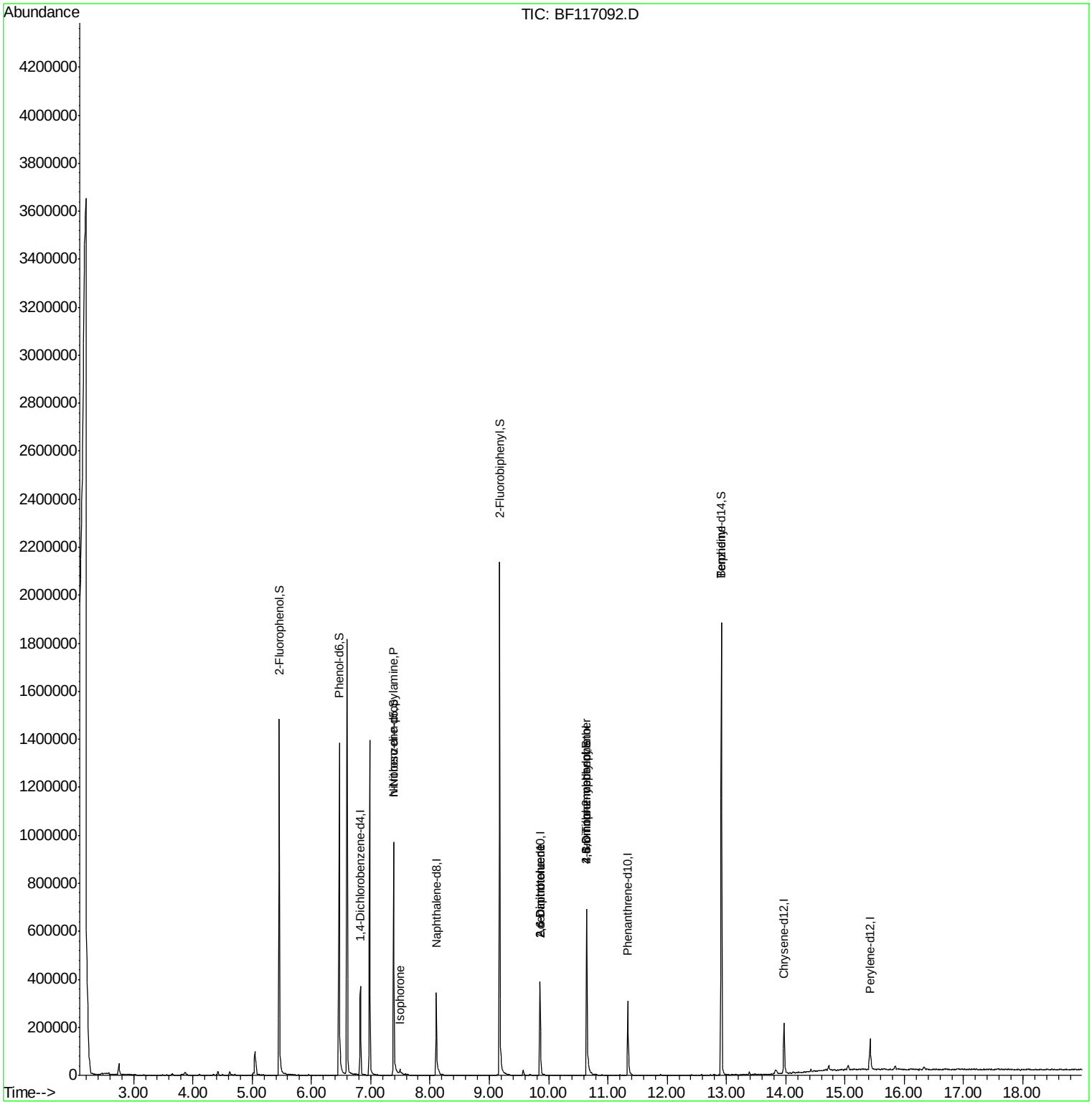
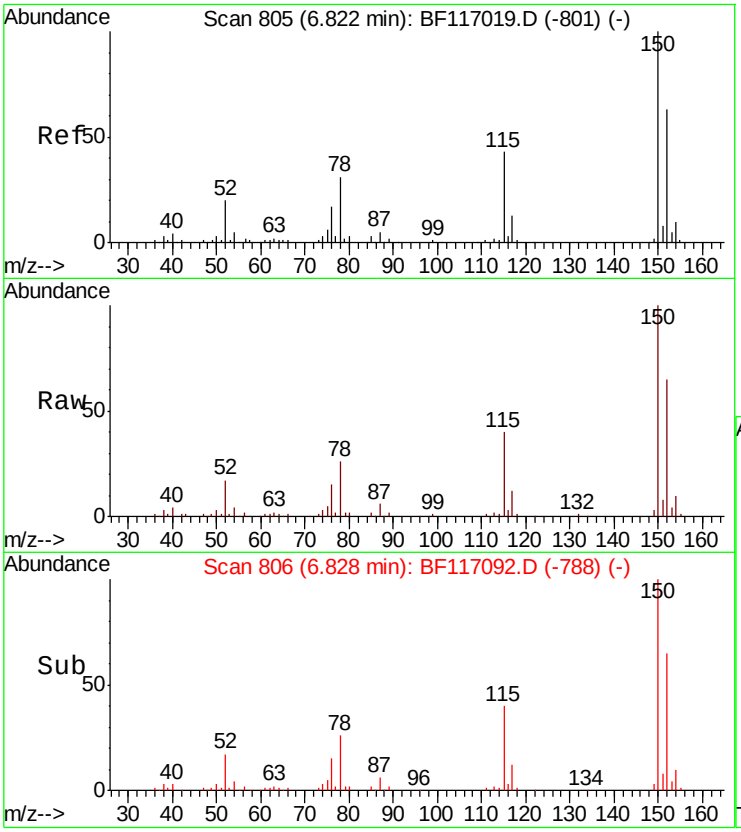


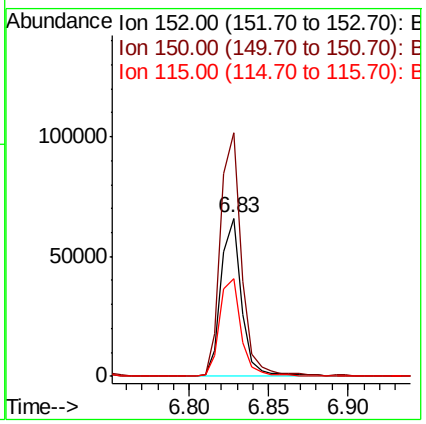


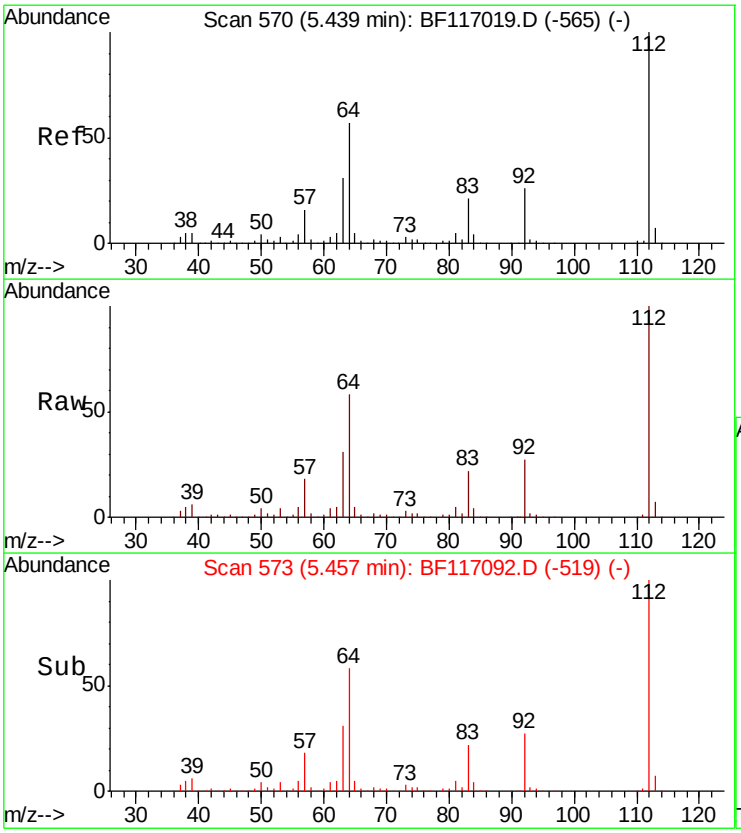
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 59486

Ion	Ratio	Lower	Upper
152	100		
150	153.9	127.5	191.3
115	61.7	55.0	82.4

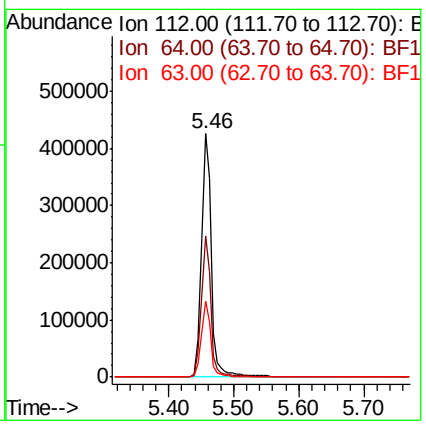


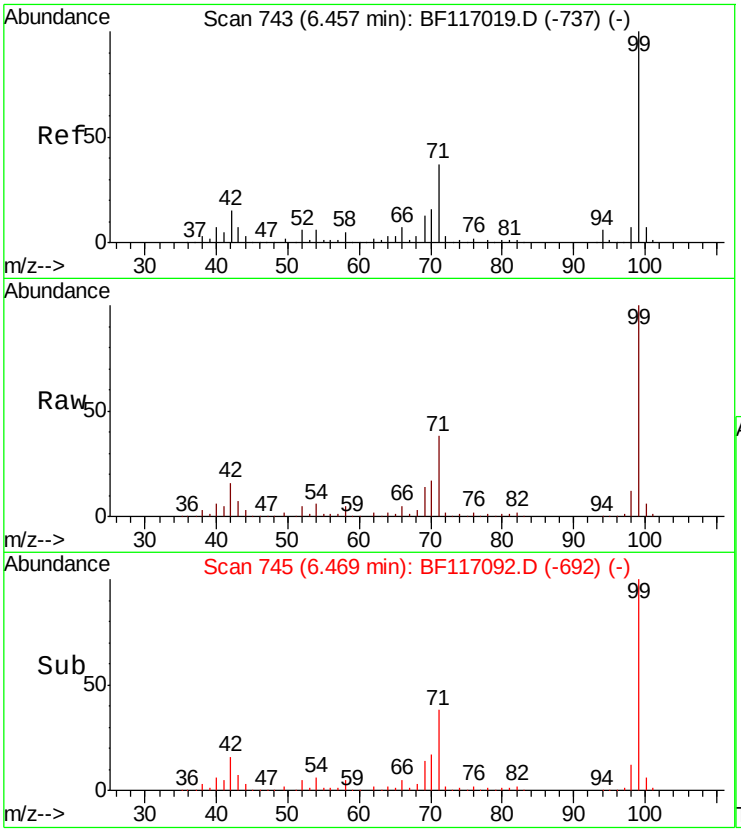


#5
2-Fluorophenol
Concen: 118.814 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:112 Resp: 452702

Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.7	68.5
63	30.9	24.9	37.3



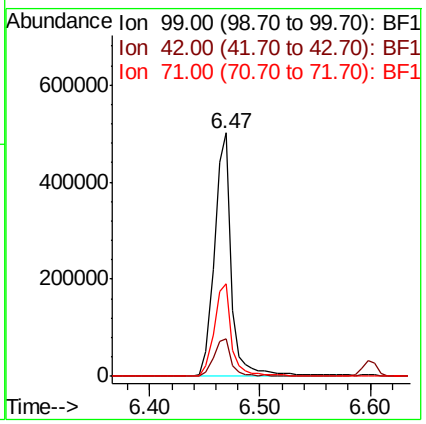


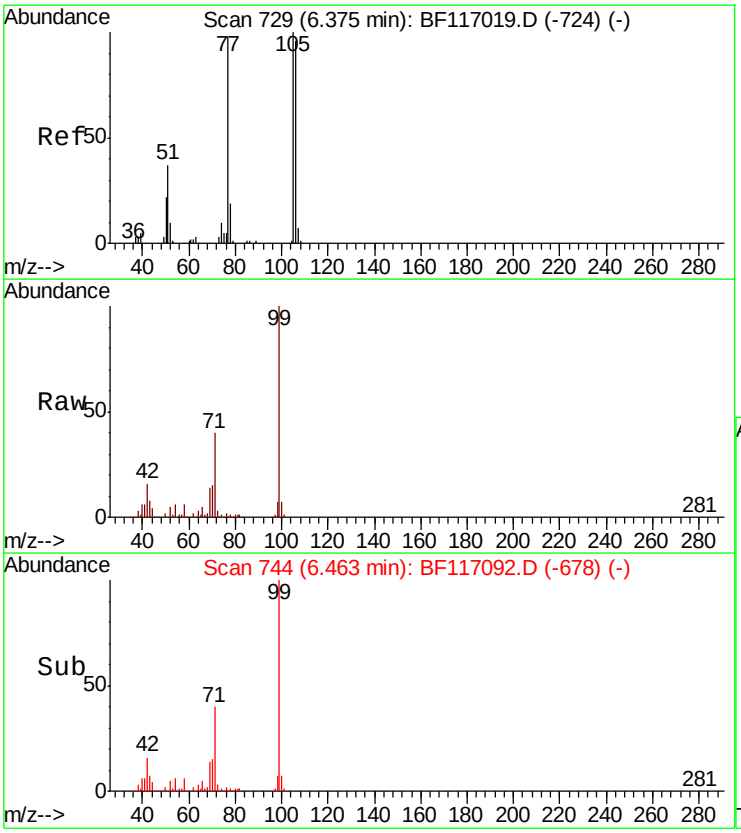
#7
Phenol-d6
Concen: 108.155 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 532568

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	37.8	29.8	44.8

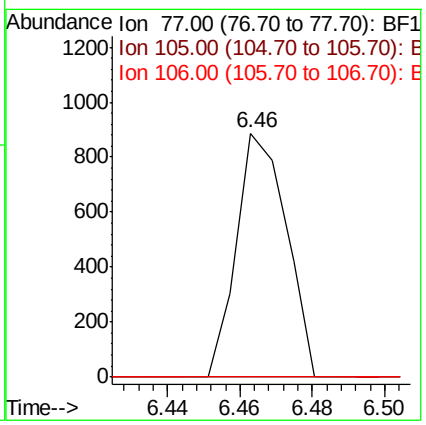


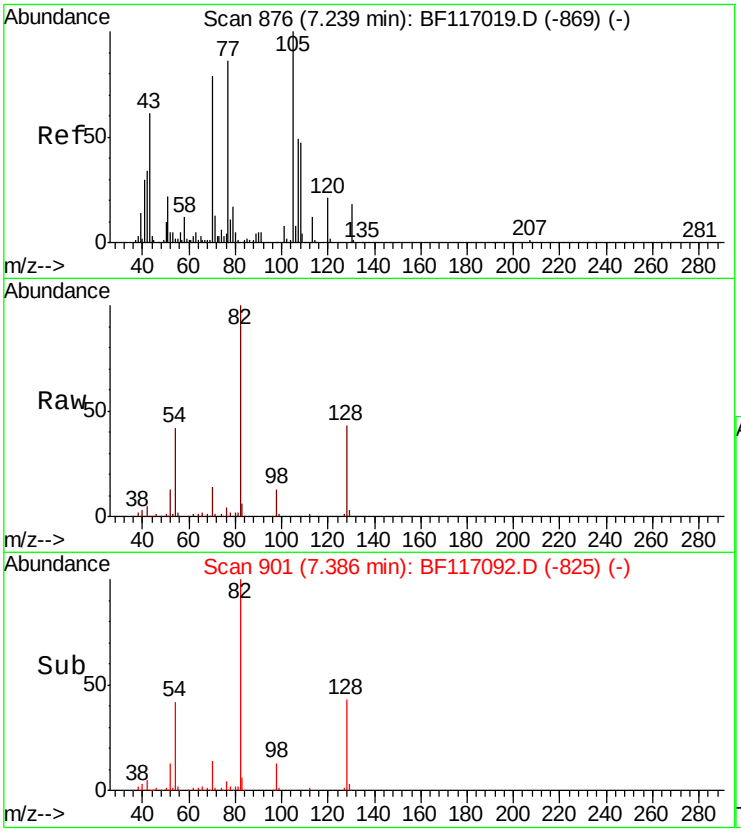


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 744
Delta R.T. 0.09 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion: 77 Resp: 846

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



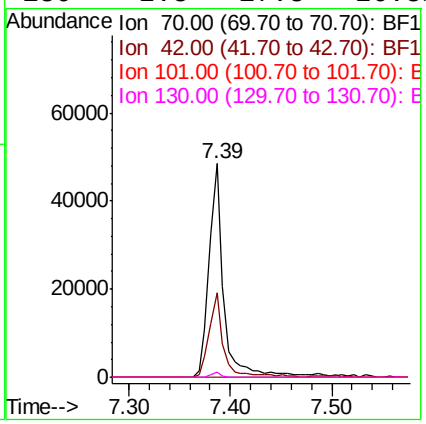


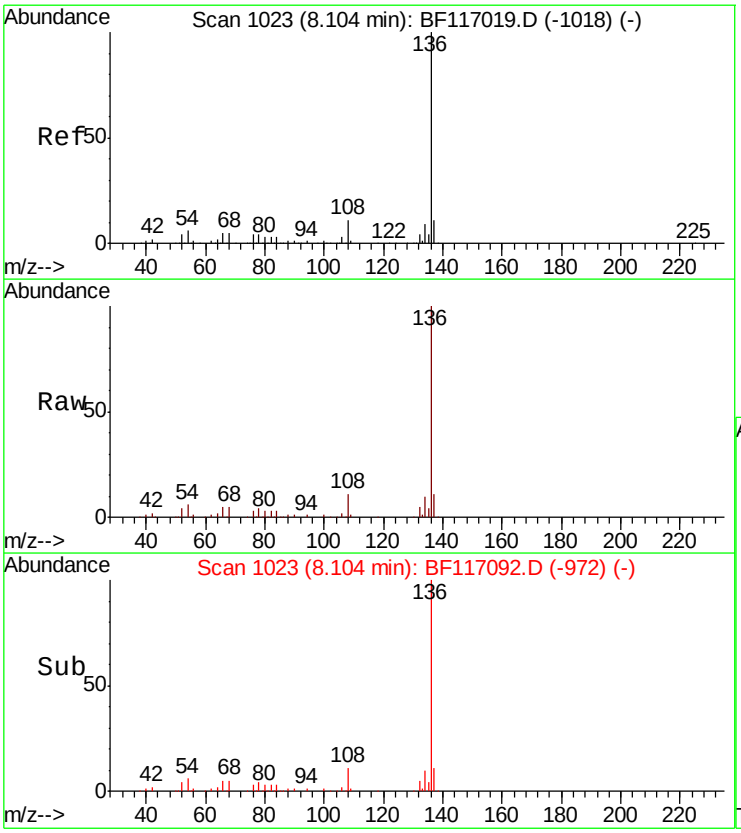
#19
n-Nitroso-di-n-propylamine
Concen: 16.437 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 49285

Ion	Ratio	Lower	Upper
70	100		
42	39.8	34.0	51.0
101	0.0	7.8	11.6#
130	2.3	17.8	26.8#

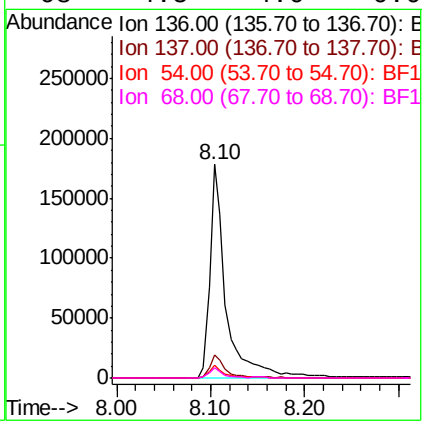


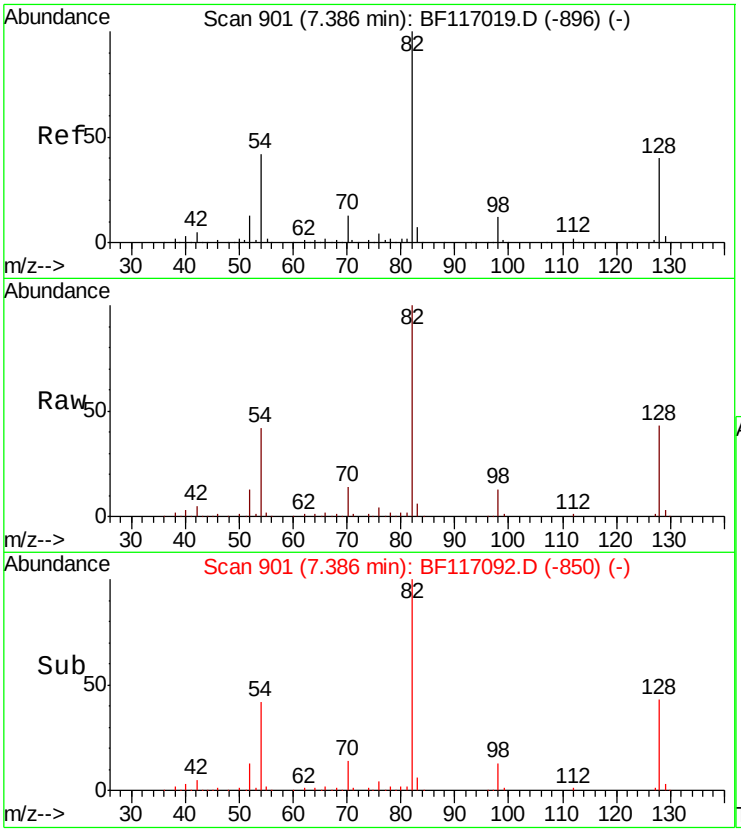


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:136 Resp: 218210

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	5.8	4.5	6.7
68	4.5	4.0	6.0



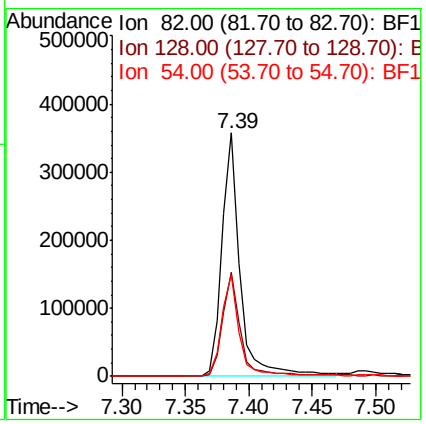


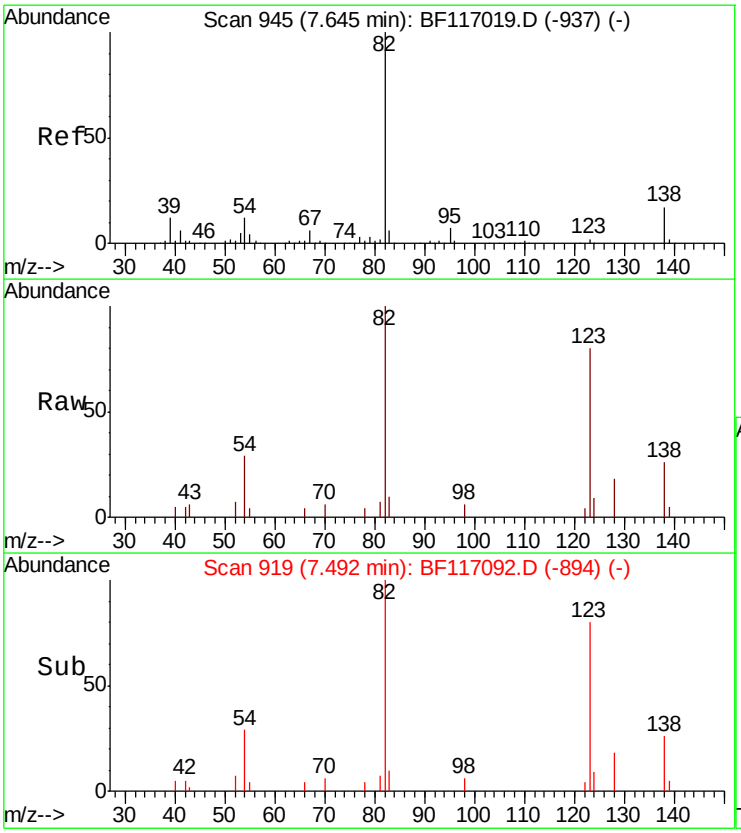
#23
Nitrobenzene-d5
Concen: 86.763 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 360327

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.3	48.5
54	41.7	33.3	49.9

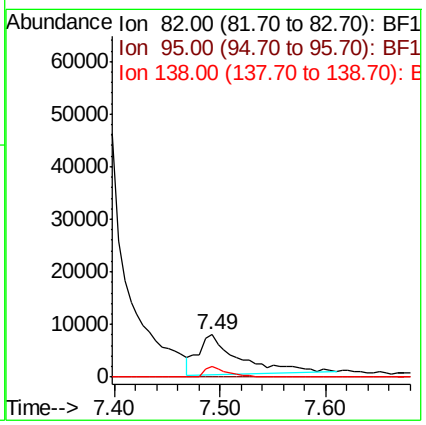


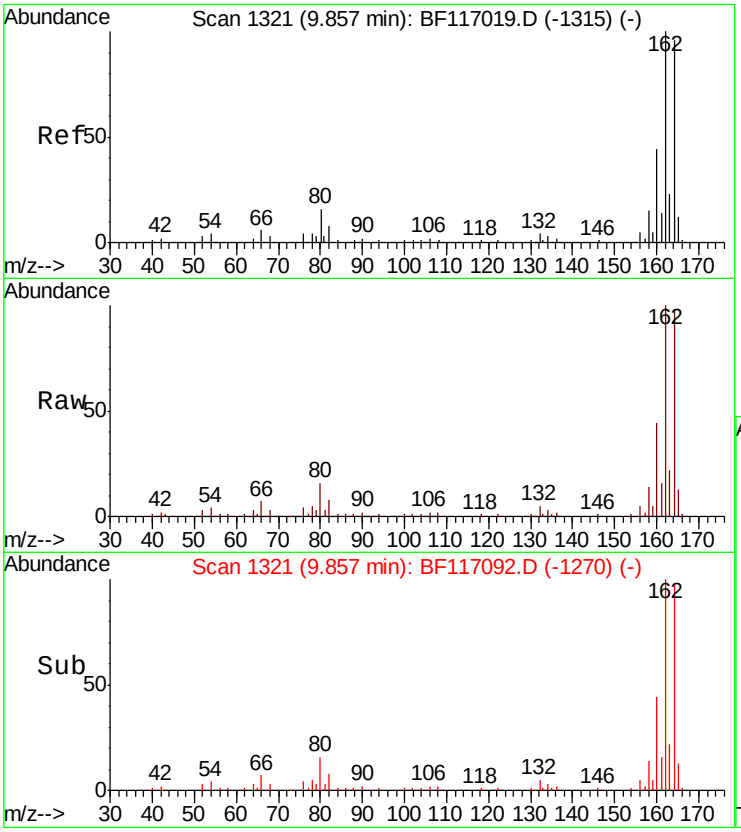


#25
Isophorone
Concen: 2.771 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.15 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion: 82 Resp: 20379

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	26.5	13.5	20.3#



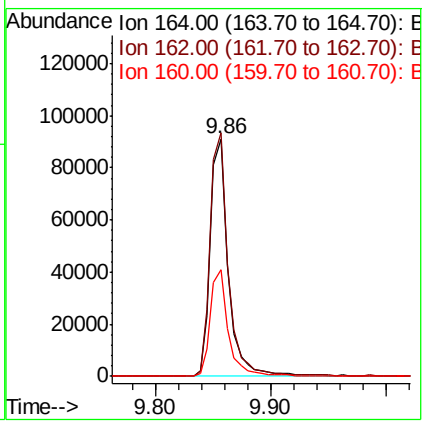


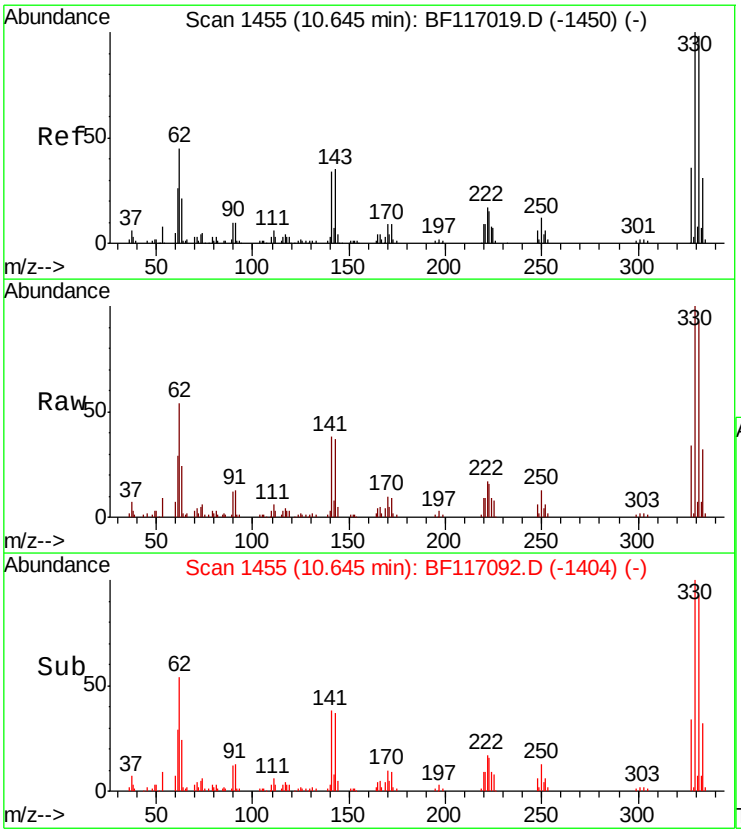
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 99546

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.4	125.2
160	44.7	36.4	54.6

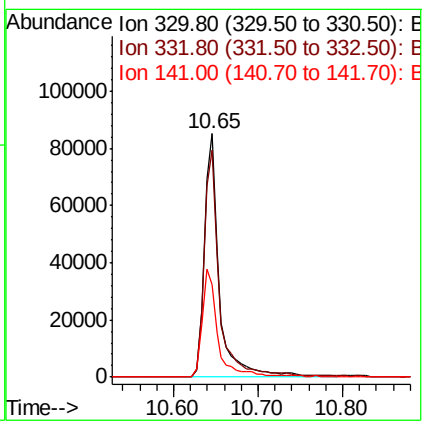


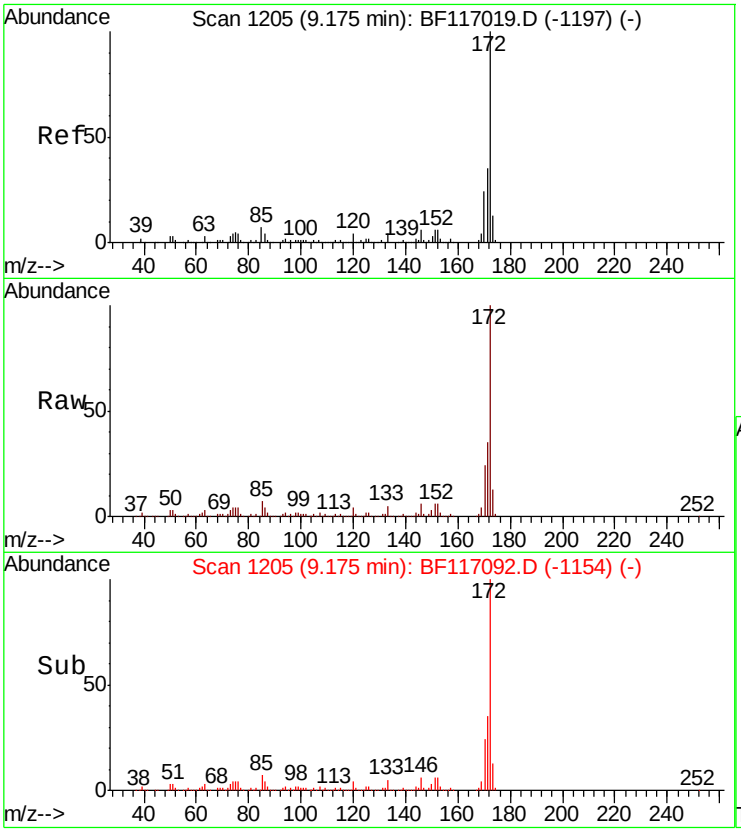


#42
2,4,6-Tribromophenol
Concen: 126.470 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:330 Resp: 105220

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	46.4	35.8	53.6



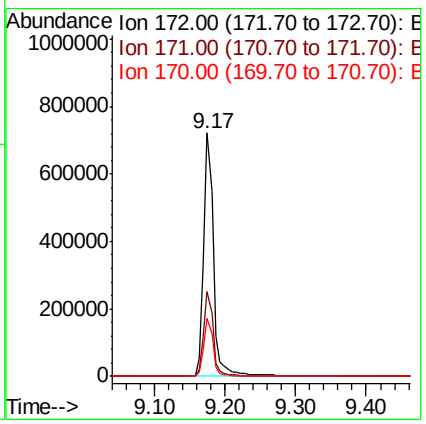


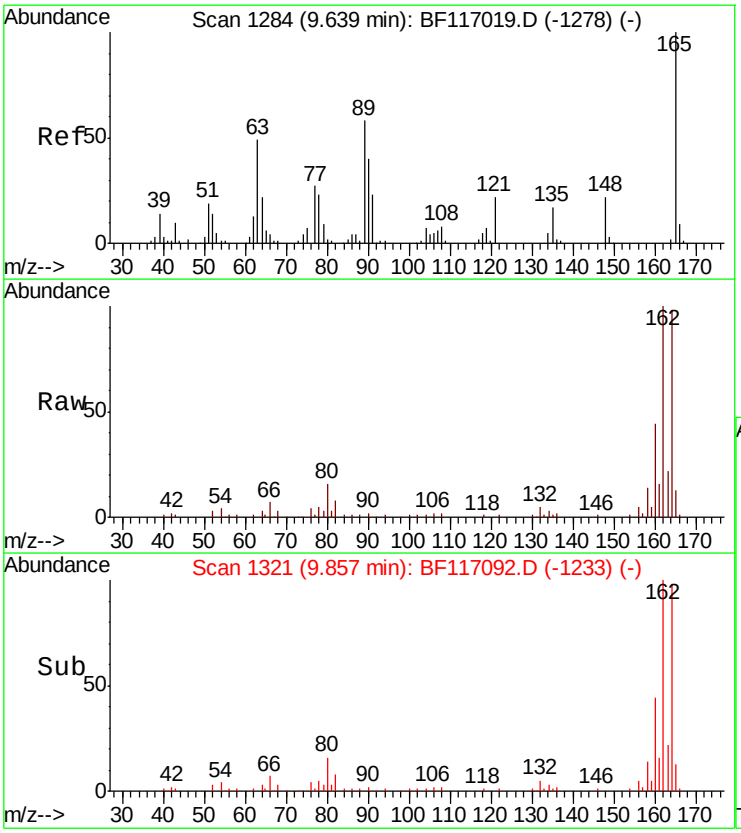
#45
2-Fluorobiphenyl
Concen: 109.284 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 695761

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.8	18.9	28.3

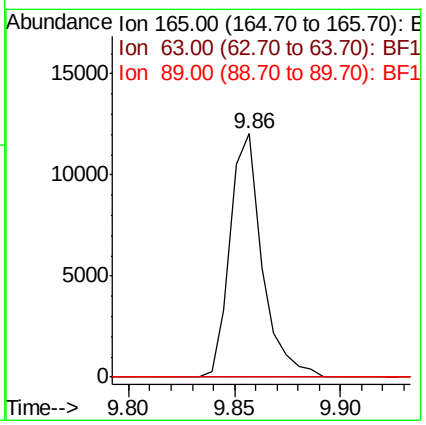


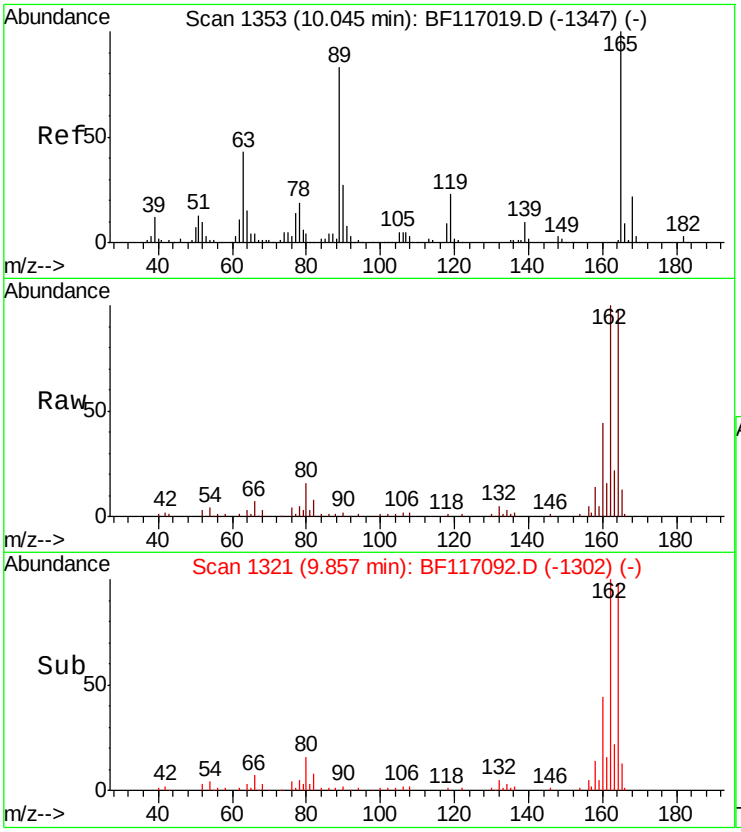


#51
2,6-Dinitrotoluene
Concen: 8.800 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.22 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:165 Resp: 12632

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



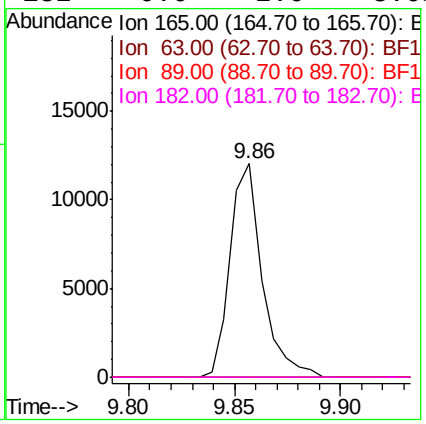


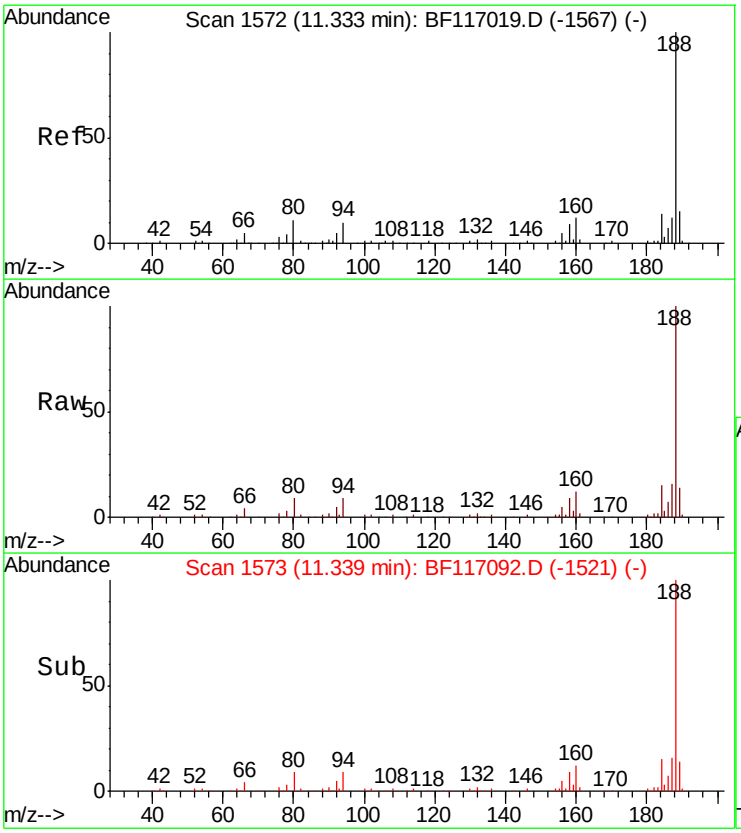
#57
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12632

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#

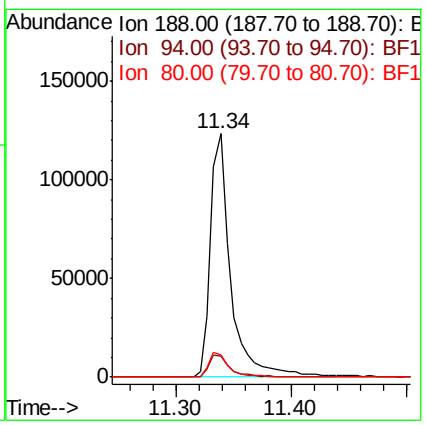


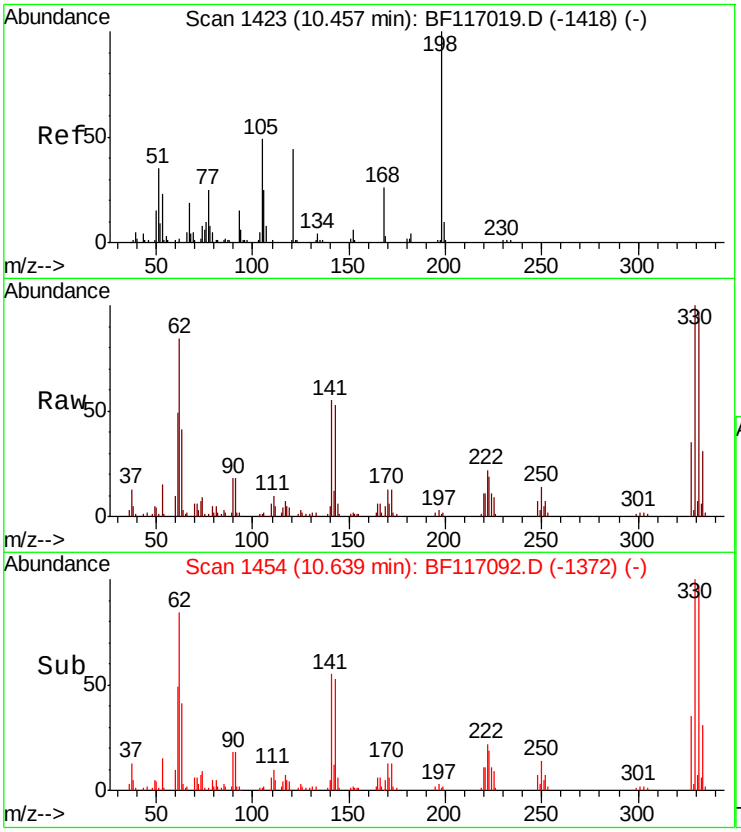


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:188 Resp: 150972

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.2	9.0	13.6



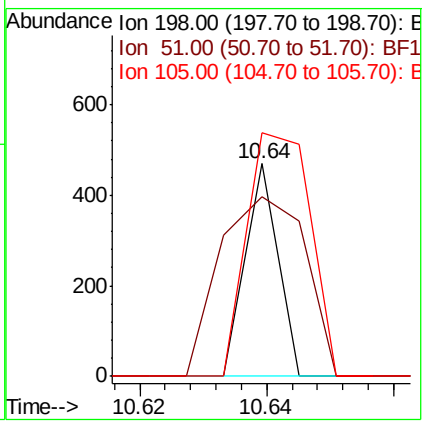


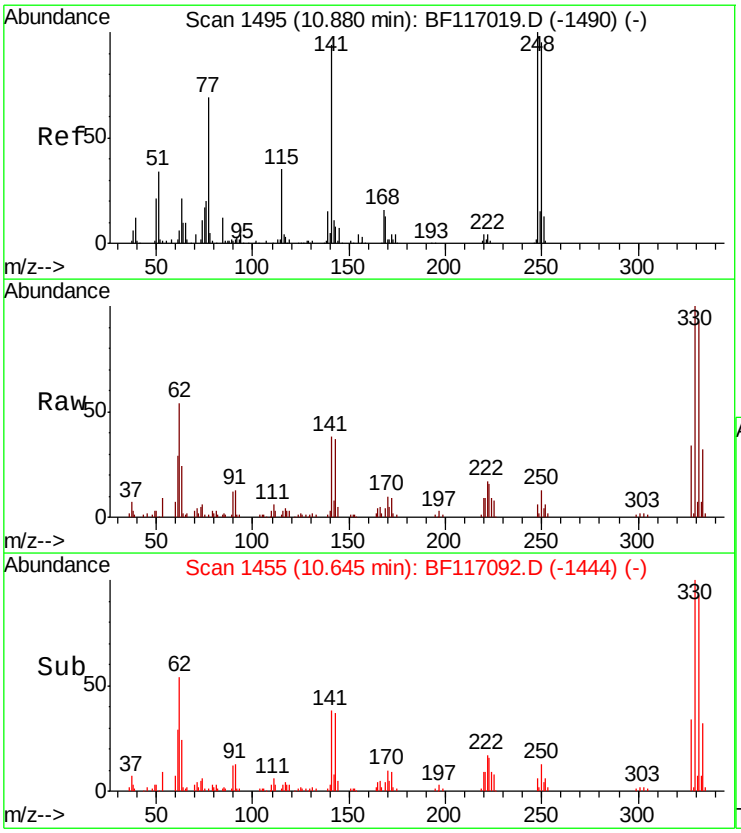
#65
4,6-Dinitro-2-methylphenol
Concen: 7.109 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 166

Ion	Ratio	Lower	Upper
198	100		
51	84.3	18.7	58.7#
105	114.5	30.2	70.2#

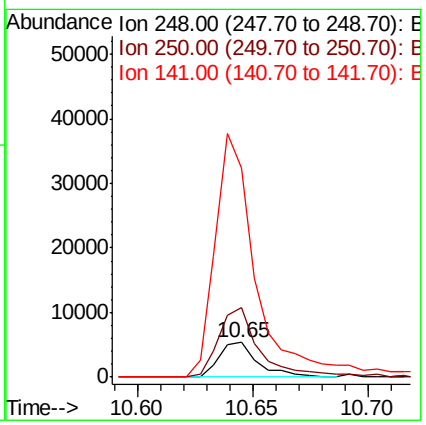


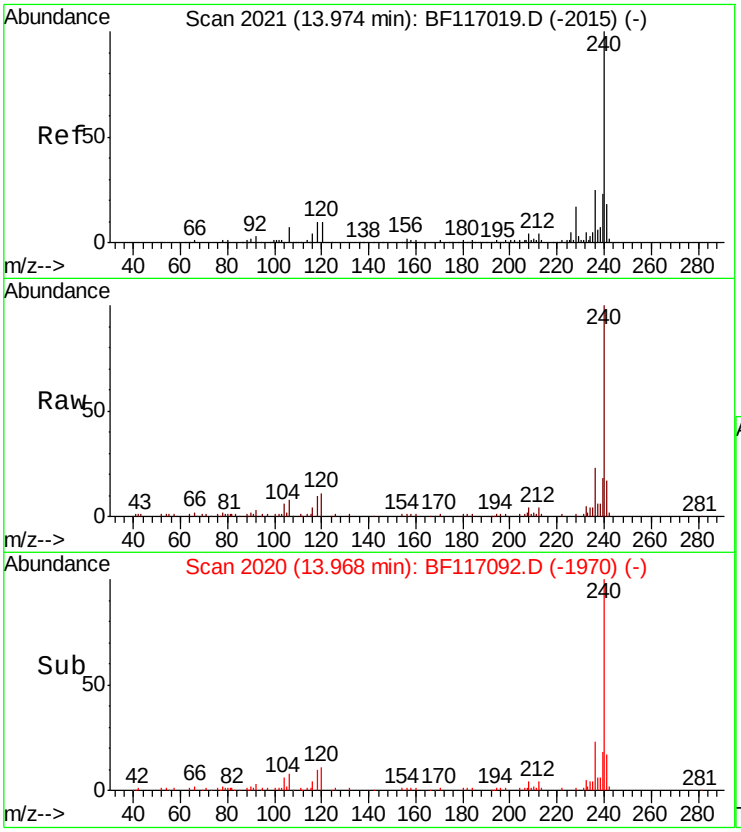


#67
4-Bromophenyl-phenylether
Concen: 4.046 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:248 Resp: 6238

Ion	Ratio	Lower	Upper
248	100		
250	200.6	76.2	114.4#
141	603.8	75.0	112.4#



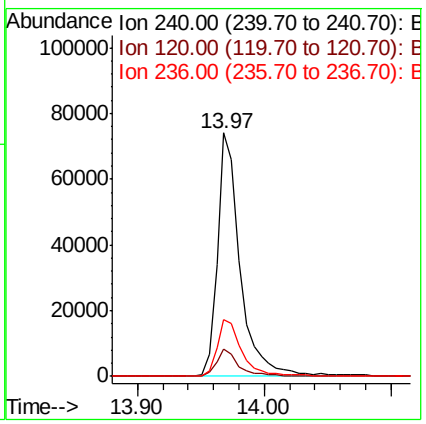


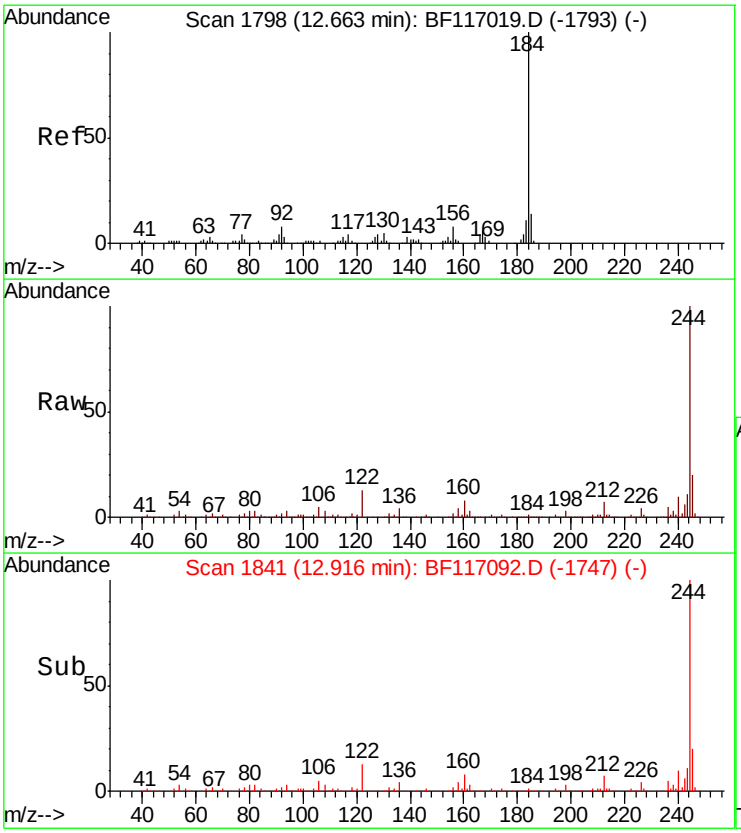
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 92555

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	23.2	20.3	30.5

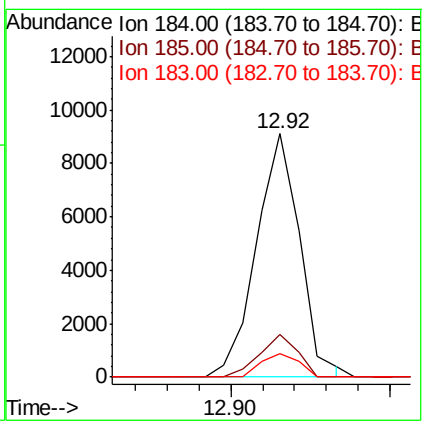


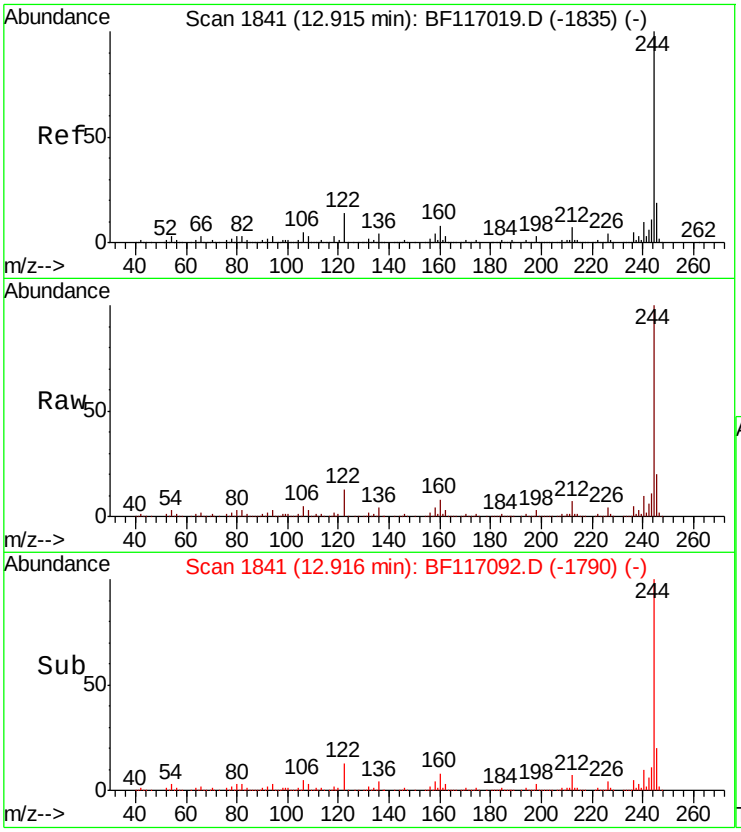


#77
Benzidine
Concen: 2.899 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:184 Resp: 8642

Ion	Ratio	Lower	Upper
184	100		
185	17.6	11.6	17.4#
183	9.7	9.0	13.4



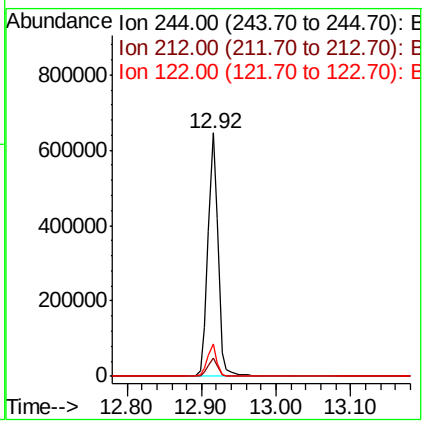


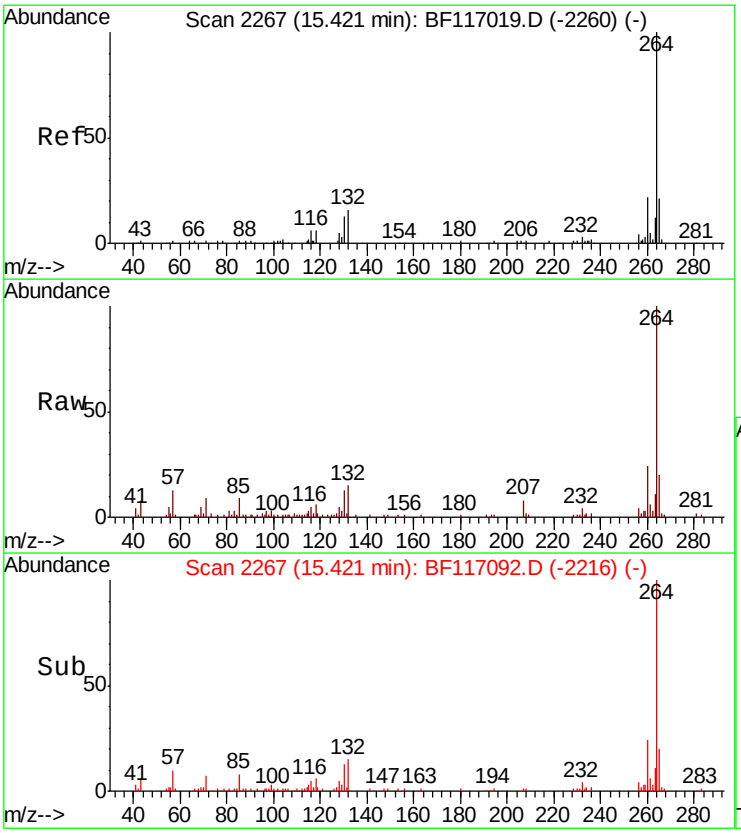
#79
Terphenyl-d14
Concen: 122.903 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117092.D
Acq: 17 Sep 2019 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 608559

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	13.2	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: BF117092.D
Acq: 17 Sep 2019 5:31

Tgt Ion:264 Resp: 68372

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	19.7	16.6	24.8