Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117089.D
Acq On : 17 Sep 2019 4:11
Operator : HP/JU
Sample : K4877-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 17 05:19:37 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	58270	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	224644	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	101008	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	151350	20.00	ng	0.00
76) Chrysene-d12	13.97	240	85705	20.00	ng	0.00
87) Perylene-d12	15.42	264	64958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	452410	121.22	ng	0.02
7) Phenol-d6	6.47	99	545935	113.18	ng	0.01
23) Nitrobenzene-d5	7.39	82	364421	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	103304	122.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	693071	107.29	ng	0.00
79) Terphenyl-d14	12.92	244	580013	126.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	864	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.39	70	50567	17.217	ng	# 79
25) Isophorone	7.49	82	17213	2.274	ng	# 68
50) Dimethylphthalate	9.57	163	18225	2.548	ng	97
51) 2,6-Dinitrotoluene	9.86	165	12524	8.598	ng	# 24
57) 2,4-Dinitrotoluene	9.86	165	12524	6.624	ng	# 18
67) 4-Bromophenyl-phenylether	10.65	248	6535	4.228	ng	# 1
77) Benzidine	12.92	184	8504	3.080	ng	96

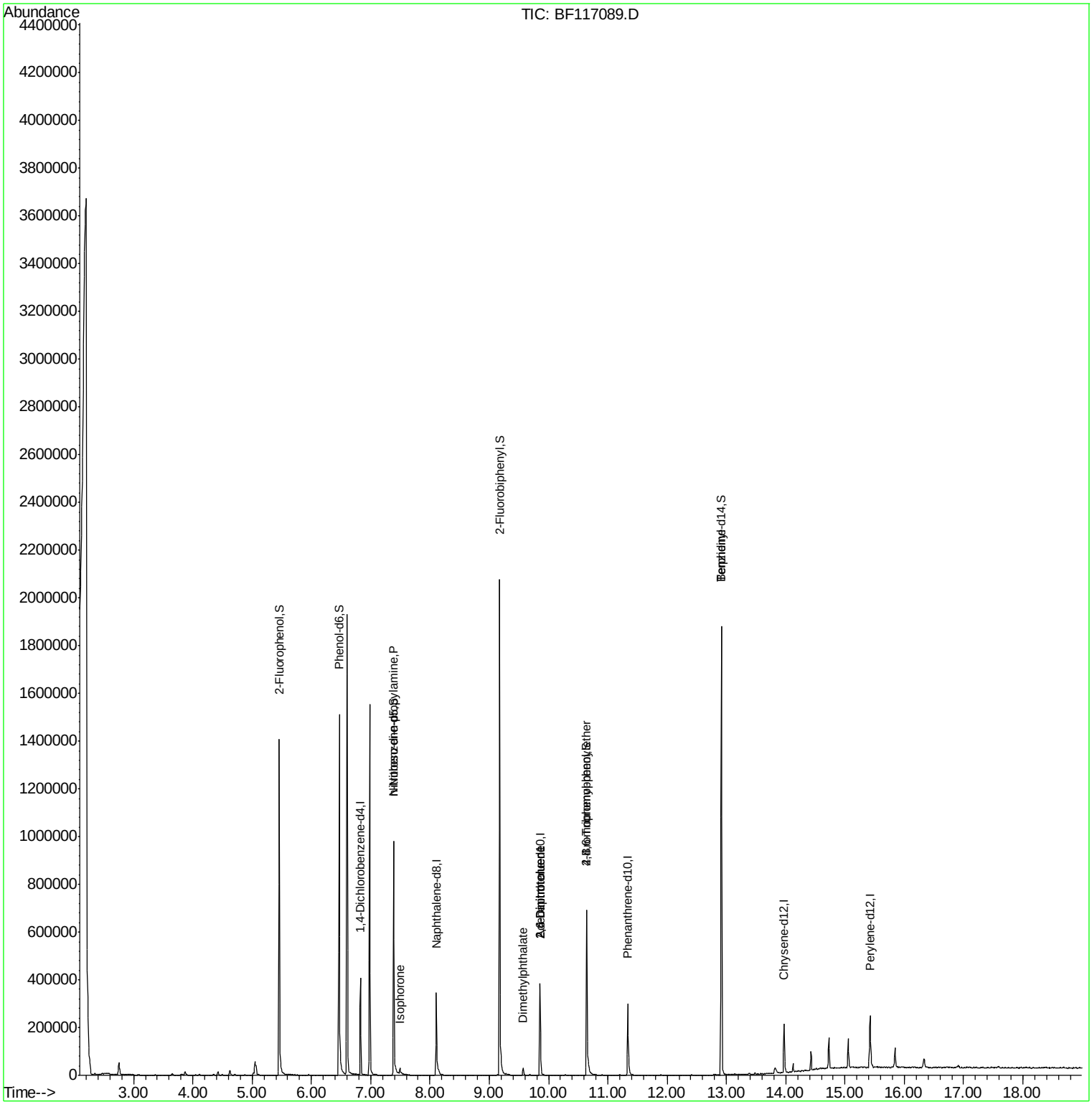
(#) = qualifier out of range (m) = manual integration (+) = signals summed

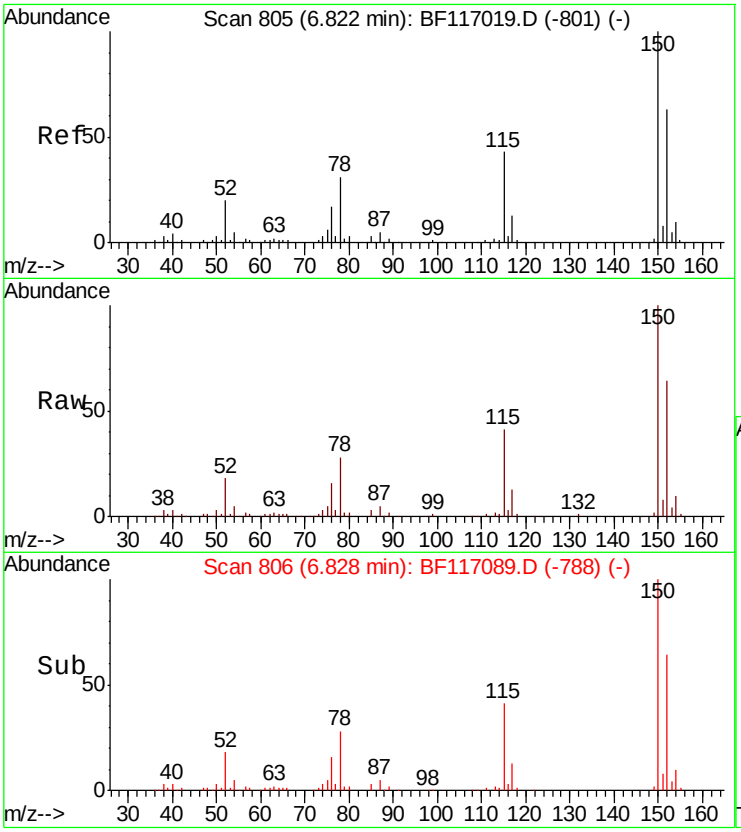
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117089.D
Acq On : 17 Sep 2019 4:11
Operator : HP/JU
Sample : K4877-16
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 17 05:19:37 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



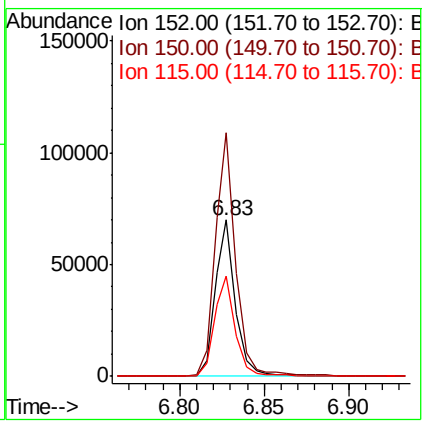


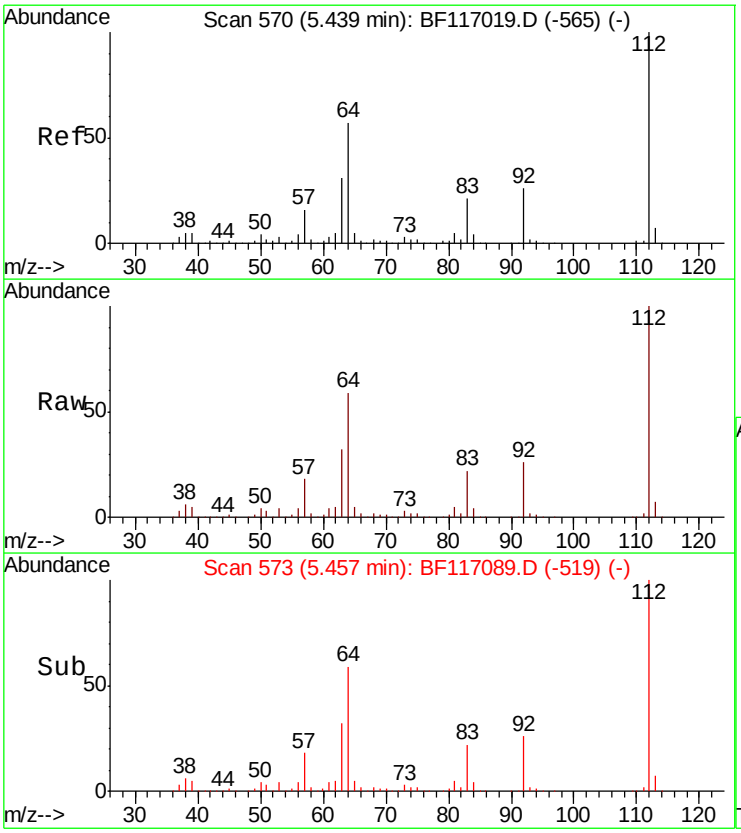
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 58270

Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.5	191.3
115	64.3	55.0	82.4

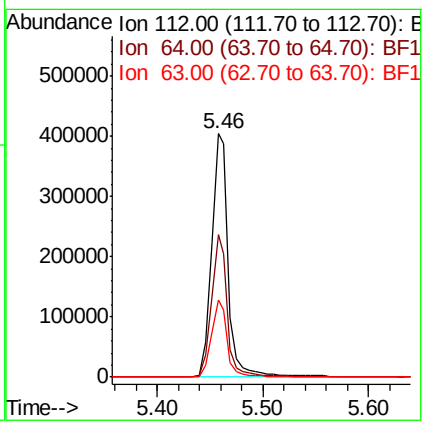


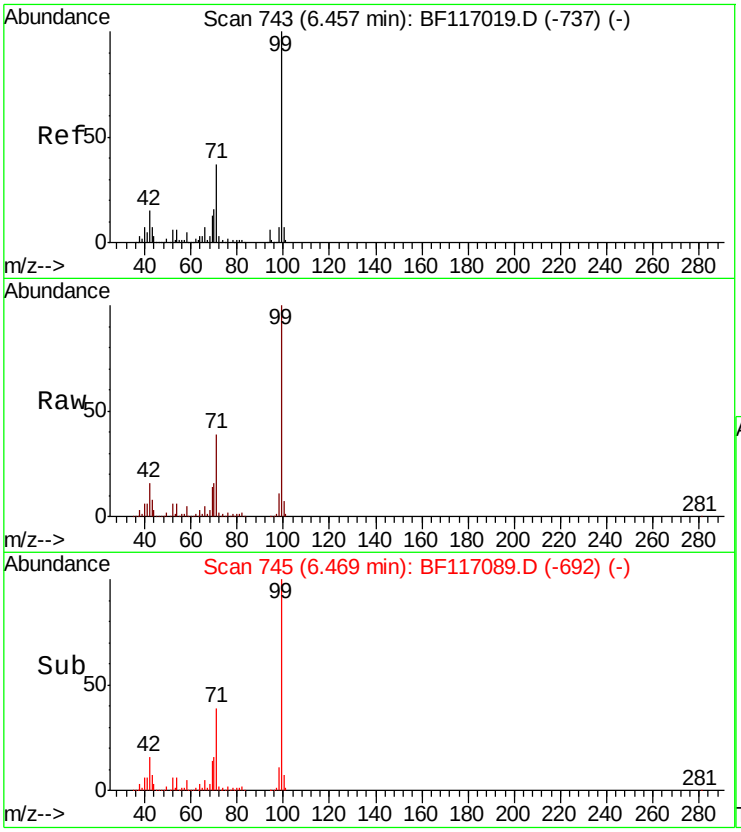


#5
2-Fluorophenol
Concen: 121.216 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:112 Resp: 452410

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.7	68.5
63	31.8	24.9	37.3



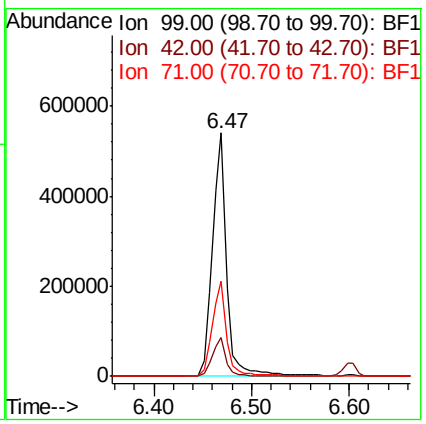


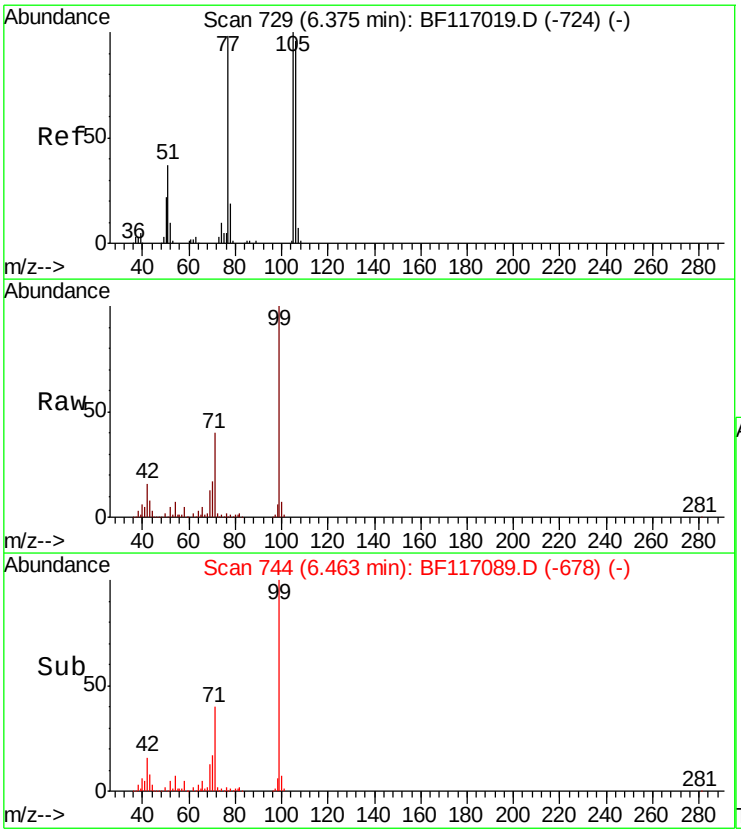
#7
Phenol-d6
Concen: 113.184 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 545935

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.2	18.2
71	39.1	29.8	44.8

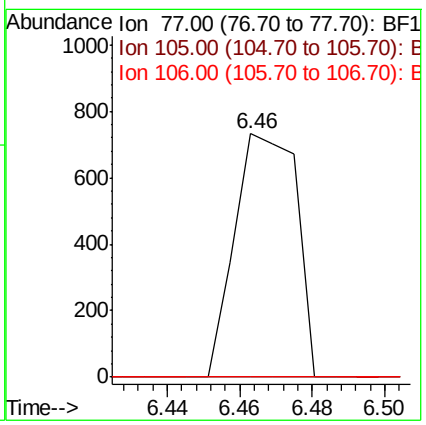


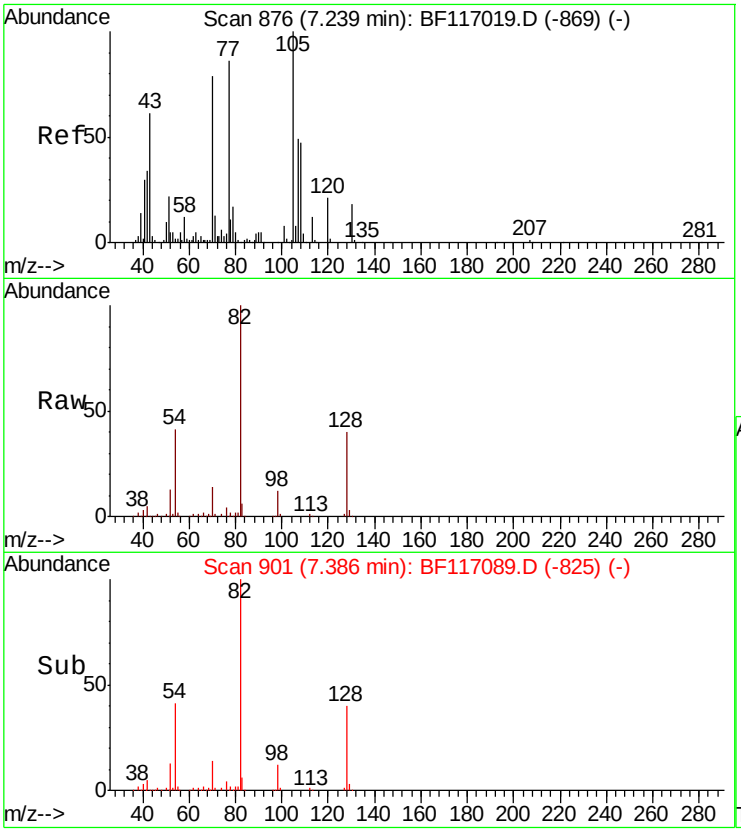


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 744
Delta R.T. 0.09 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion: 77 Resp: 864

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



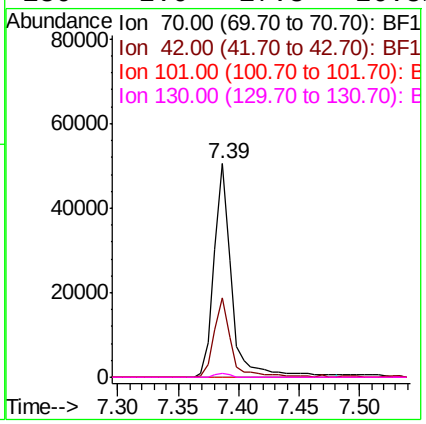


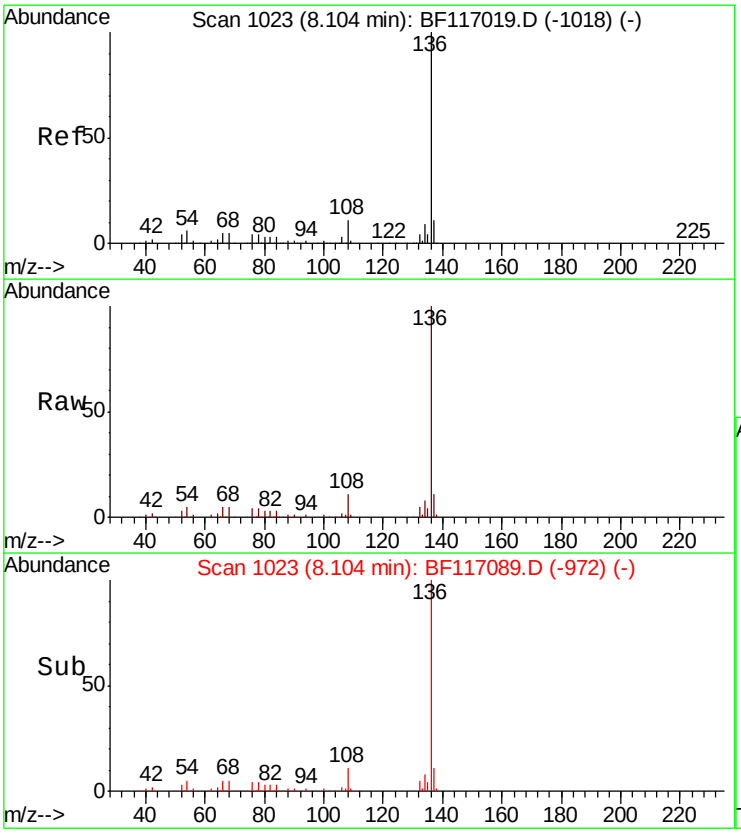
#19
n-Nitroso-di-n-propylamine
Concen: 17.217 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 50567

Ion	Ratio	Lower	Upper
70	100		
42	37.3	34.0	51.0
101	0.0	7.8	11.6#
130	2.0	17.8	26.8#

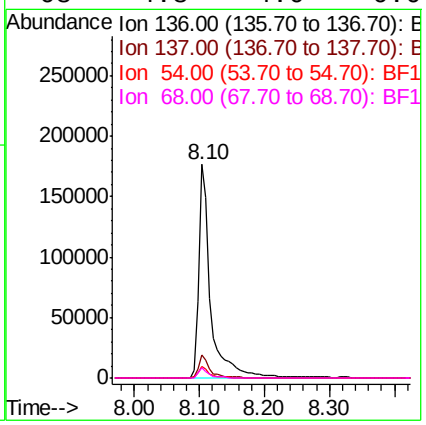


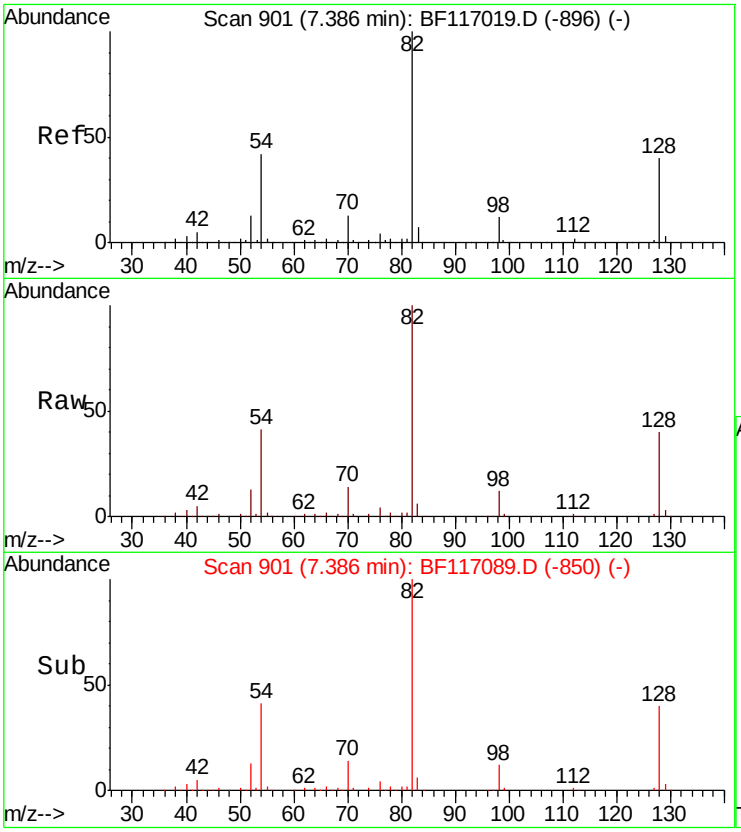


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:136 Resp: 224644

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.3	4.5	6.7
68	4.8	4.0	6.0



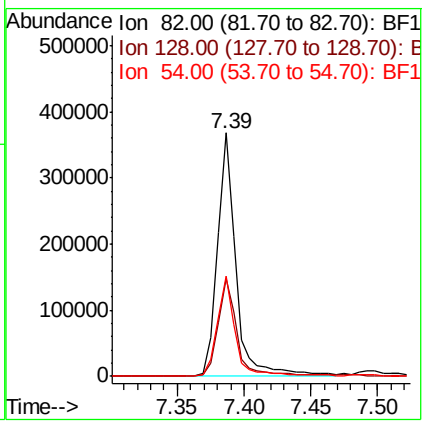


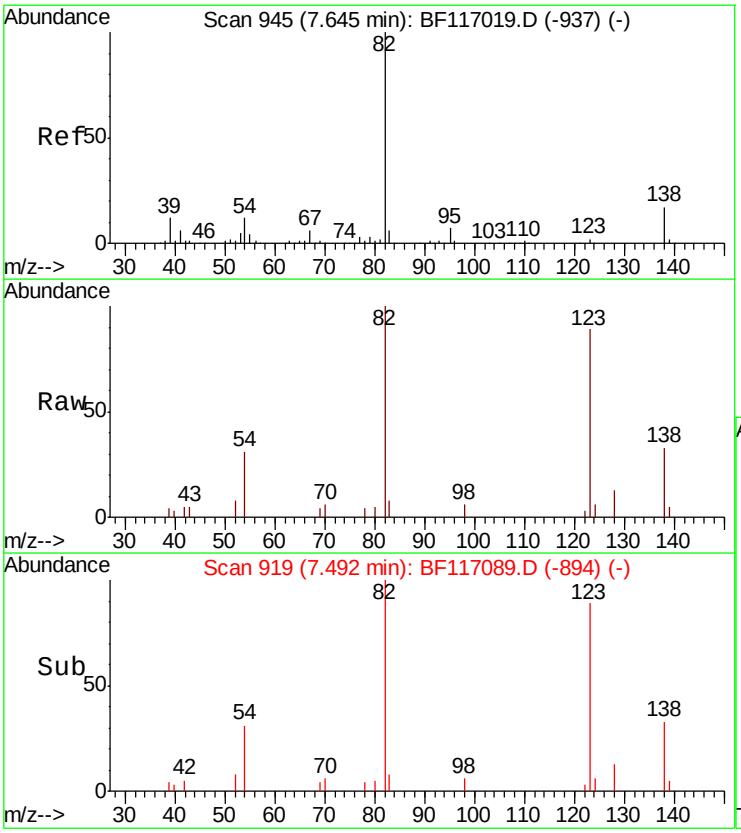
#23
Nitrobenzene-d5
Concen: 85.235 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 364421

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.3	48.5
54	41.1	33.3	49.9

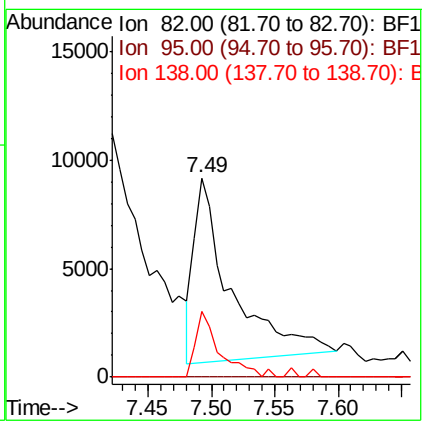


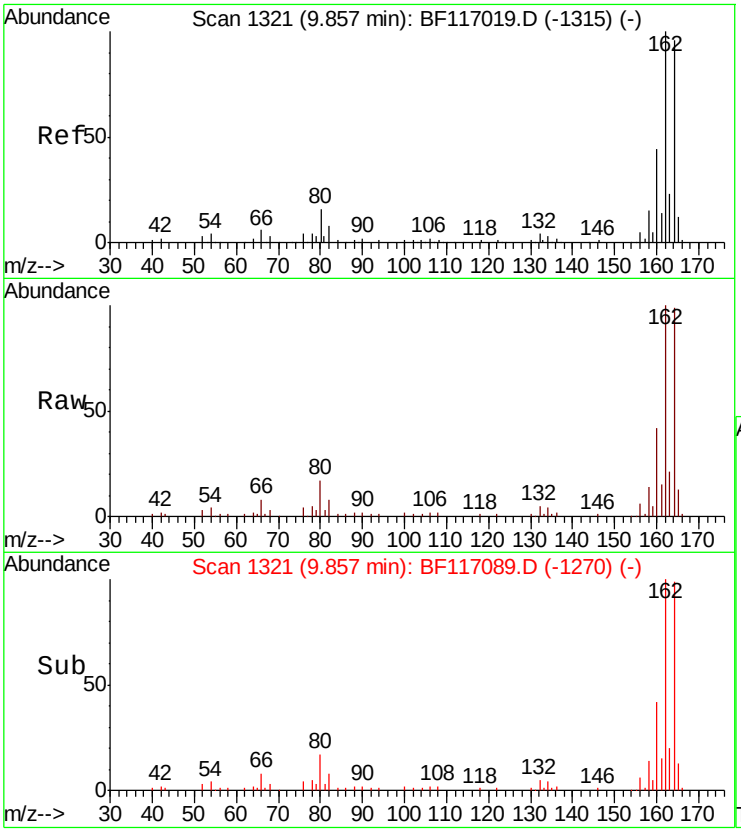


#25
Isophorone
Concen: 2.274 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.15 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion: 82 Resp: 17213

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	32.9	13.5	20.3#



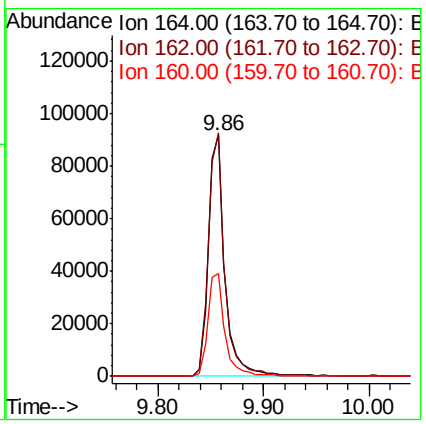


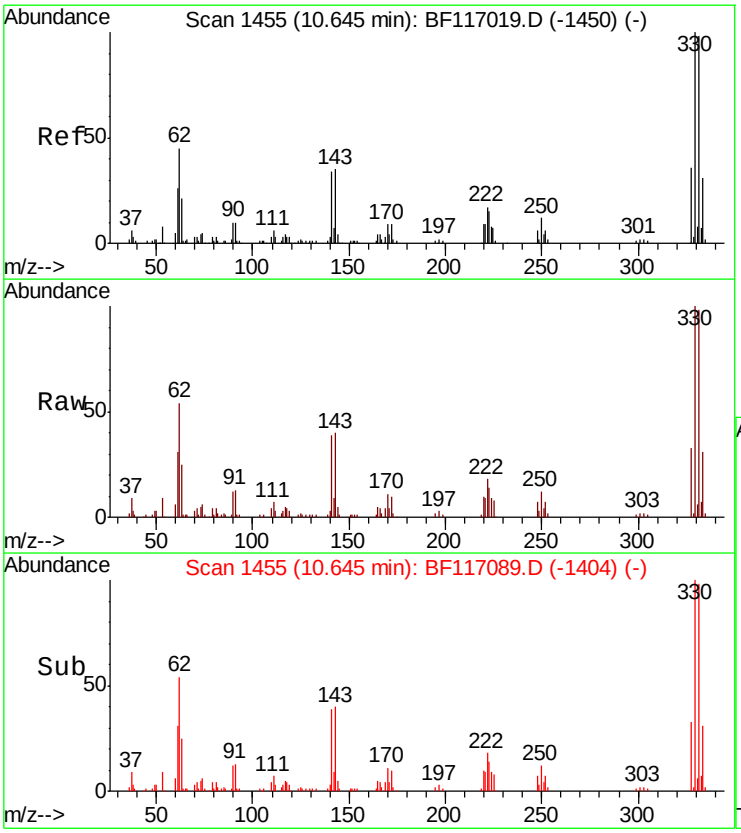
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 101008

Ion	Ratio	Lower	Upper
164	100		
162	101.2	83.4	125.2
160	42.8	36.4	54.6

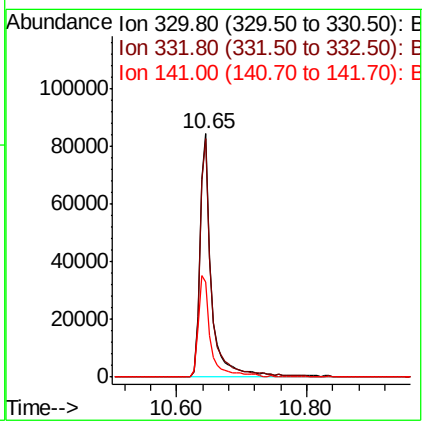


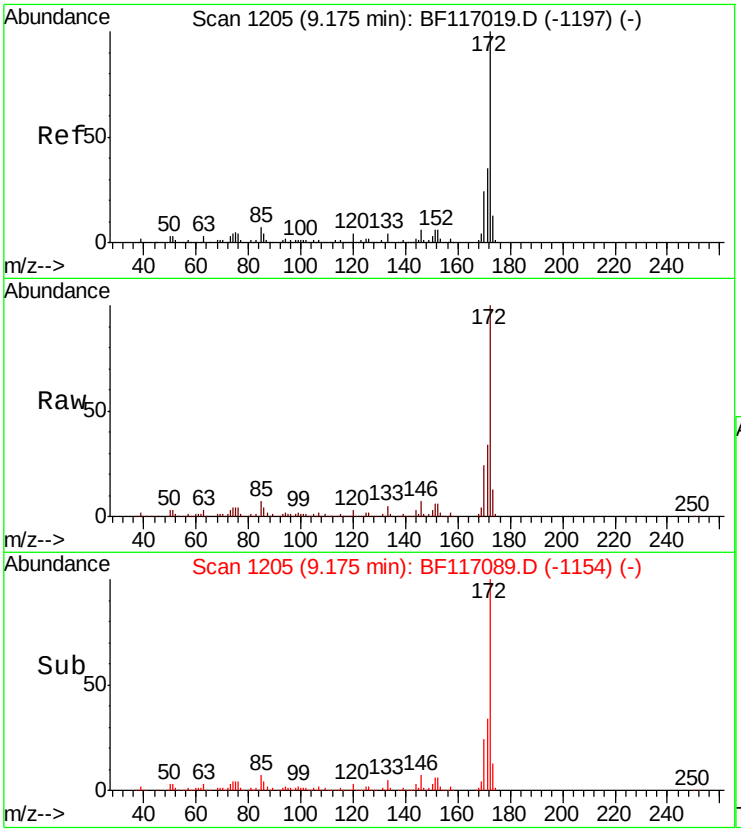


#42
2,4,6-Tribromophenol
Concen: 122.370 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:330 Resp: 103304

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	44.3	35.8	53.6



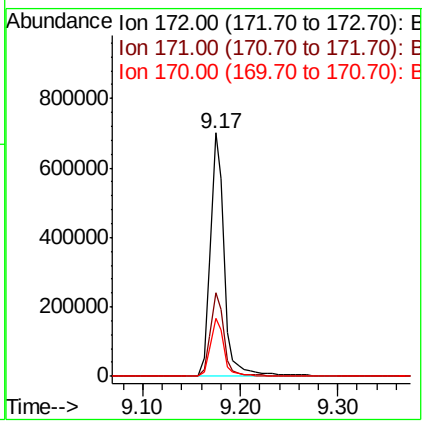


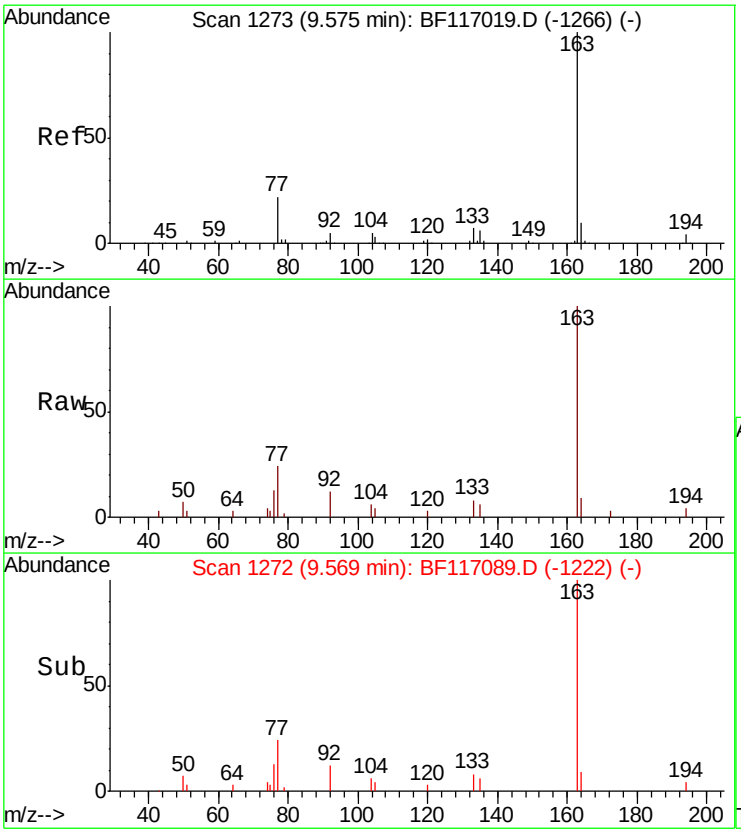
#45
2-Fluorobiphenyl
Concen: 107.285 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 693071

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	23.7	18.9	28.3

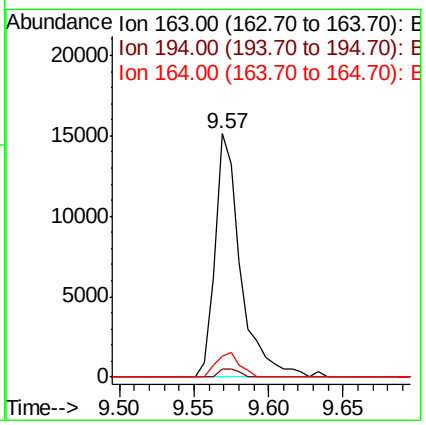


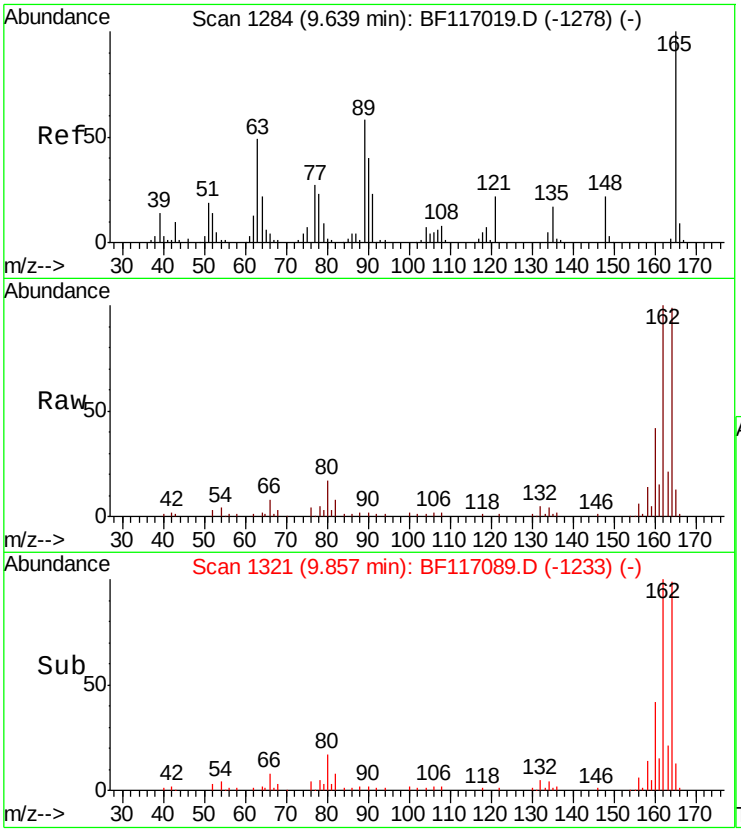


#50
Dimethylphthalate
Concen: 2.548 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:163 Resp: 18225

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.9	4.3
164	8.8	8.2	12.4



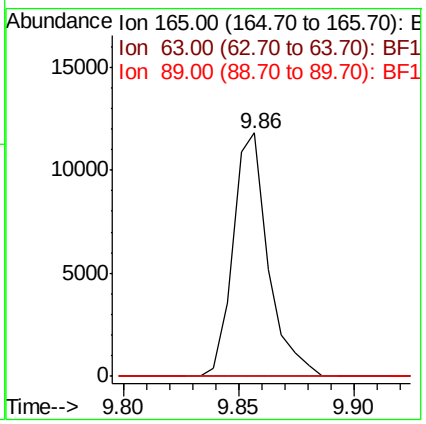


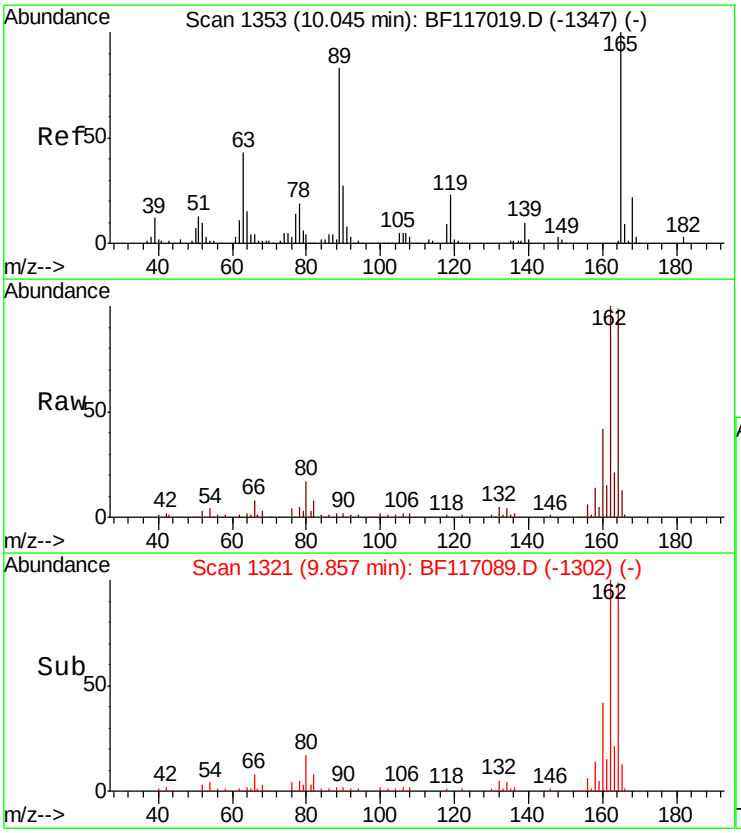
#51
2,6-Dinitrotoluene
Concen: 8.598 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.22 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12524

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

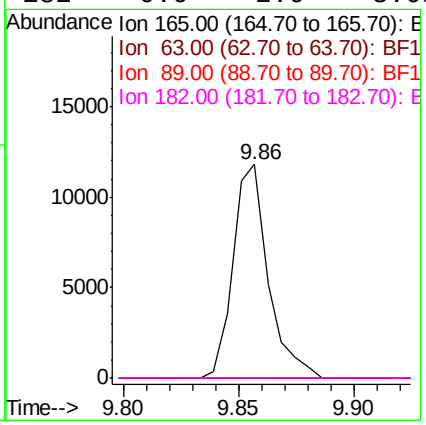


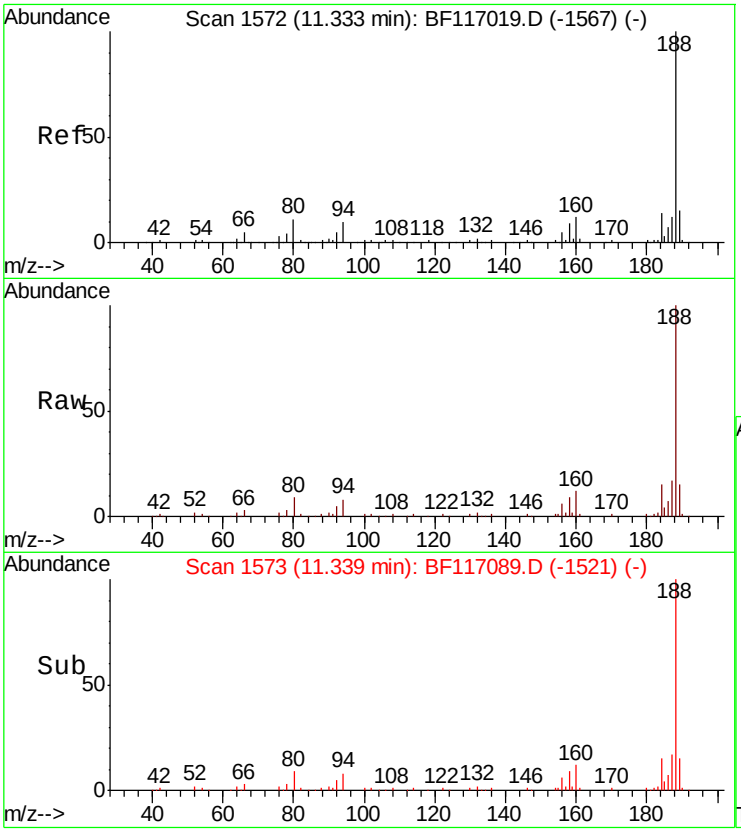


#57
2,4-Dinitrotoluene
Concen: 6.624 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:165 Resp: 12524

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#



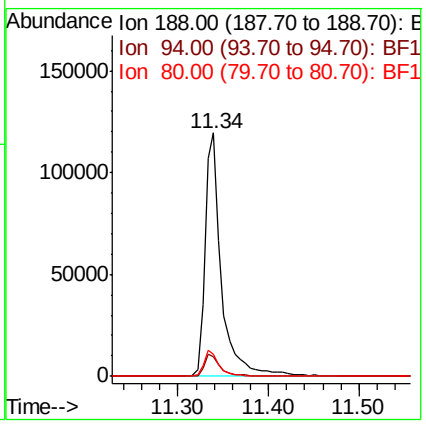


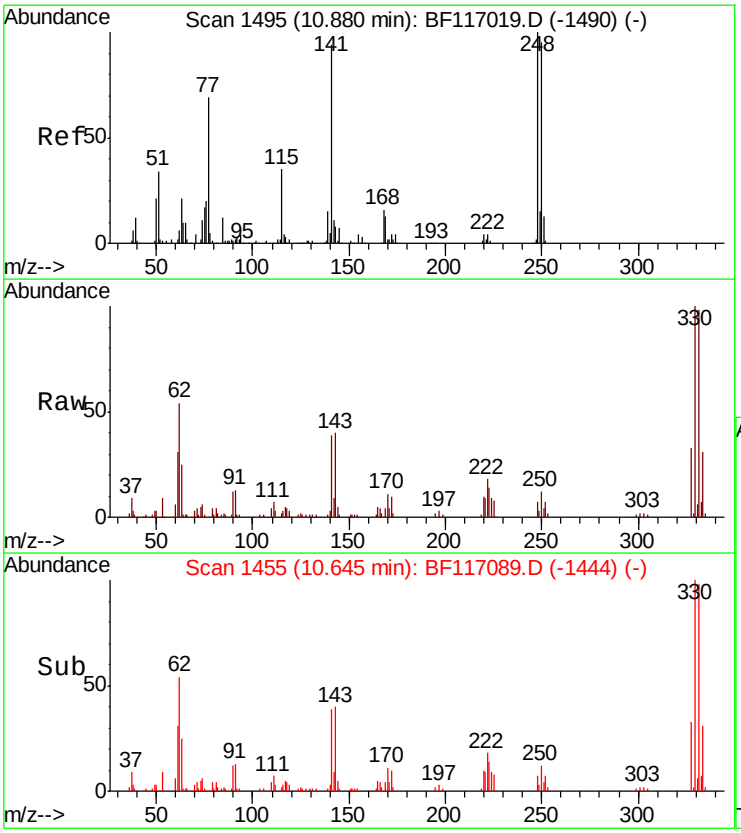
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 151350

Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.9	9.0	13.6#

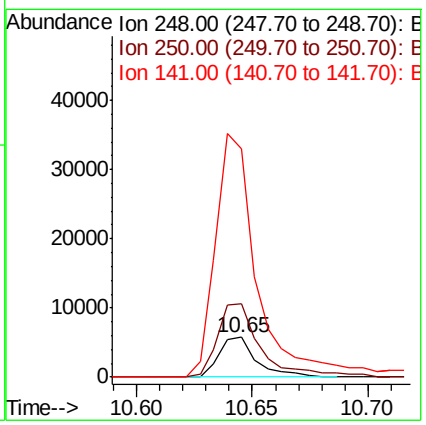


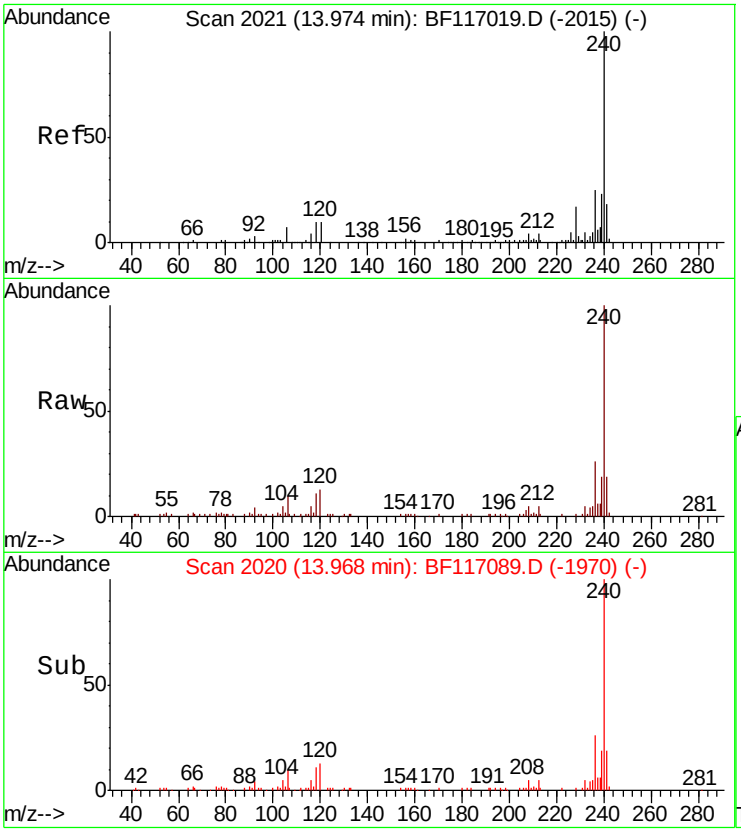


#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:248 Resp: 6535

Ion	Ratio	Lower	Upper
248	100		
250	184.2	76.2	114.4#
141	577.2	75.0	112.4#



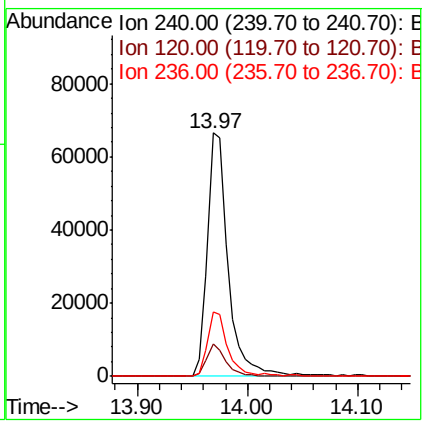


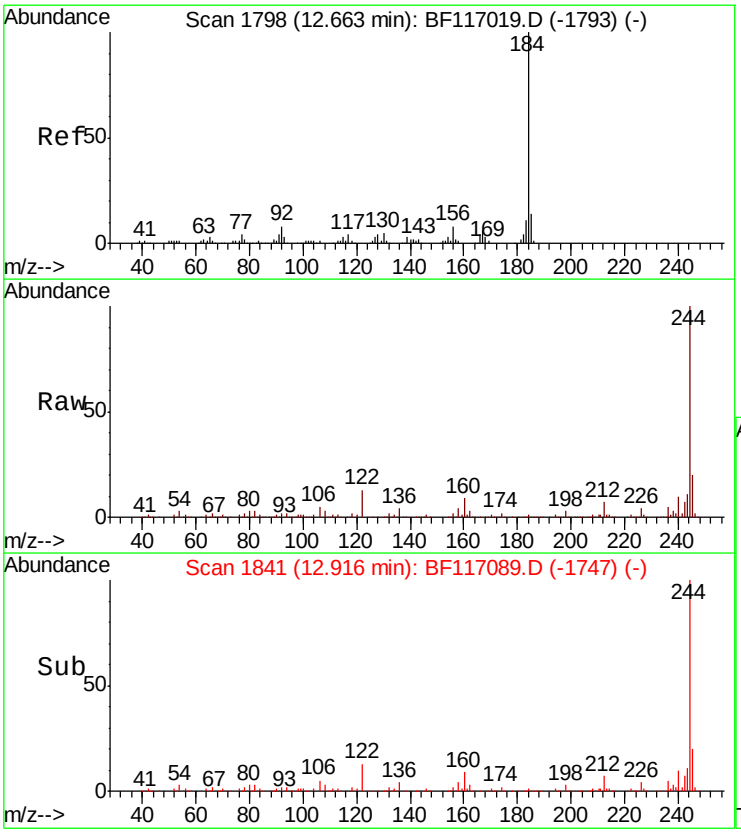
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 85705

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	26.4	20.3	30.5

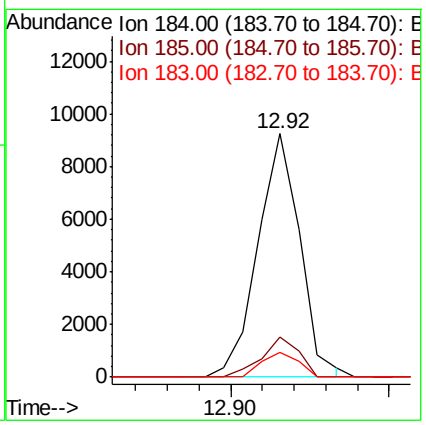


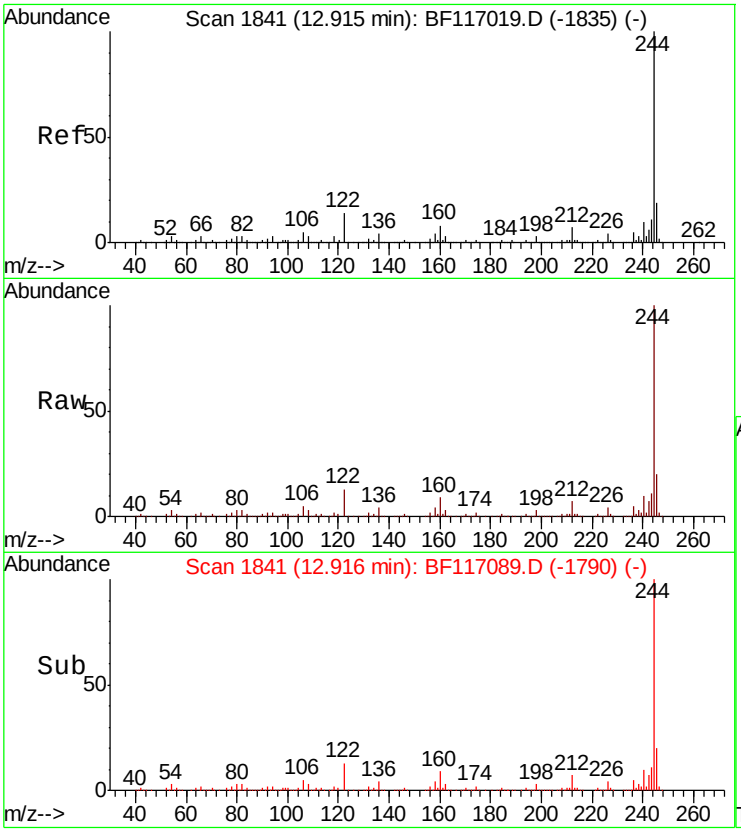


#77
Benzidine
Concen: 3.080 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:184 Resp: 8504

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.6	17.4
183	10.2	9.0	13.4



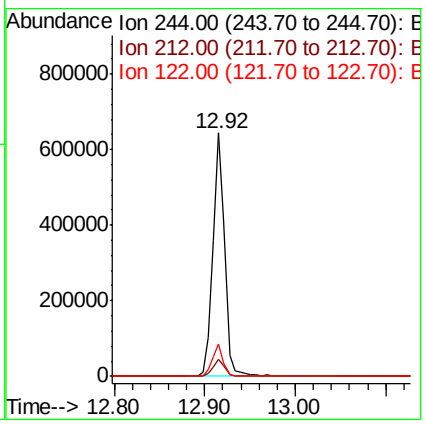


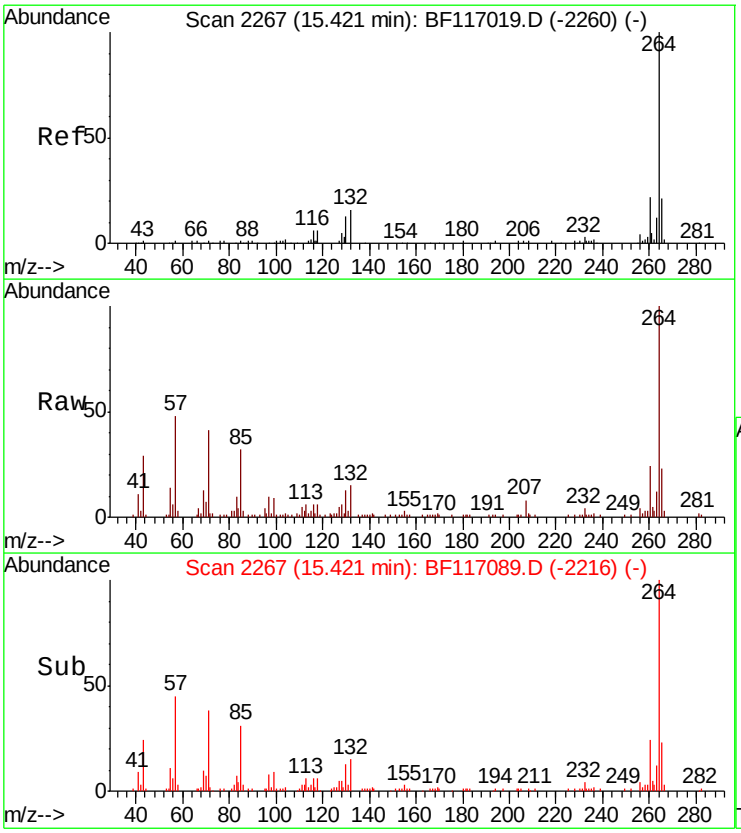
#79
Terphenyl-d14
Concen: 126.501 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117089.D
Acq: 17 Sep 2019 4:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 580013

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.3	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: BF117089.D
Acq: 17 Sep 2019 4:11

Tgt Ion:264 Resp: 64958

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.6	26.4
265	23.2	16.6	24.8