Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117028.D
Acq On : 13 Sep 2019 17:58
Operator : HP/JU
Sample : K4836-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: Sep 14 00:16:58 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	6.82	152	67937	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	260700	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	136904	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	232691	20.00	ng	0.00
76) Chrysene-d12	13.97	240	189225	20.00	ng	0.00
87) Perylene-d12	15.42	264	166150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	370561	85.16	ng	0.00
7) Phenol-d6	6.45	99	363390	64.62	ng	0.00
23) Nitrobenzene-d5	7.39	82	585434	117.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	200647	175.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	997584	113.93	ng	0.00
79) Terphenyl-d14	12.92	244	1071495	105.85	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.37	77	1232	Below Cal	#	49
15) Benzyl Alcohol	6.98	79	10467	2.427	ng	# 45
18) Hexachloroethane	7.36	117	7352	3.555	ng	# 43
19) n-Nitroso-di-n-propylamine	7.39	70	79474	23.208	ng	# 80
22) Acetophenone	7.22	105	16160	2.440	ng	# 88
25) Isophorone	7.39	82	585428	66.639	ng	# 66
32) Benzoic acid	7.89	122	225	6.671	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	13378	3.281	ng	# 22
48) 2-Nitroaniline	9.42	65	12081	4.444	ng	# 21
50) Dimethylphthalate	9.56	163	43856	4.524	ng	97
51) 2,6-Dinitrotoluene	9.85	165	17140	8.682	ng	# 27
57) 2,4-Dinitrotoluene	9.85	165	17140	6.688	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.64	198	388	7.216	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	12919	5.437	ng	# 1
77) Benzidine	12.92	184	15448	2.534	ng	98

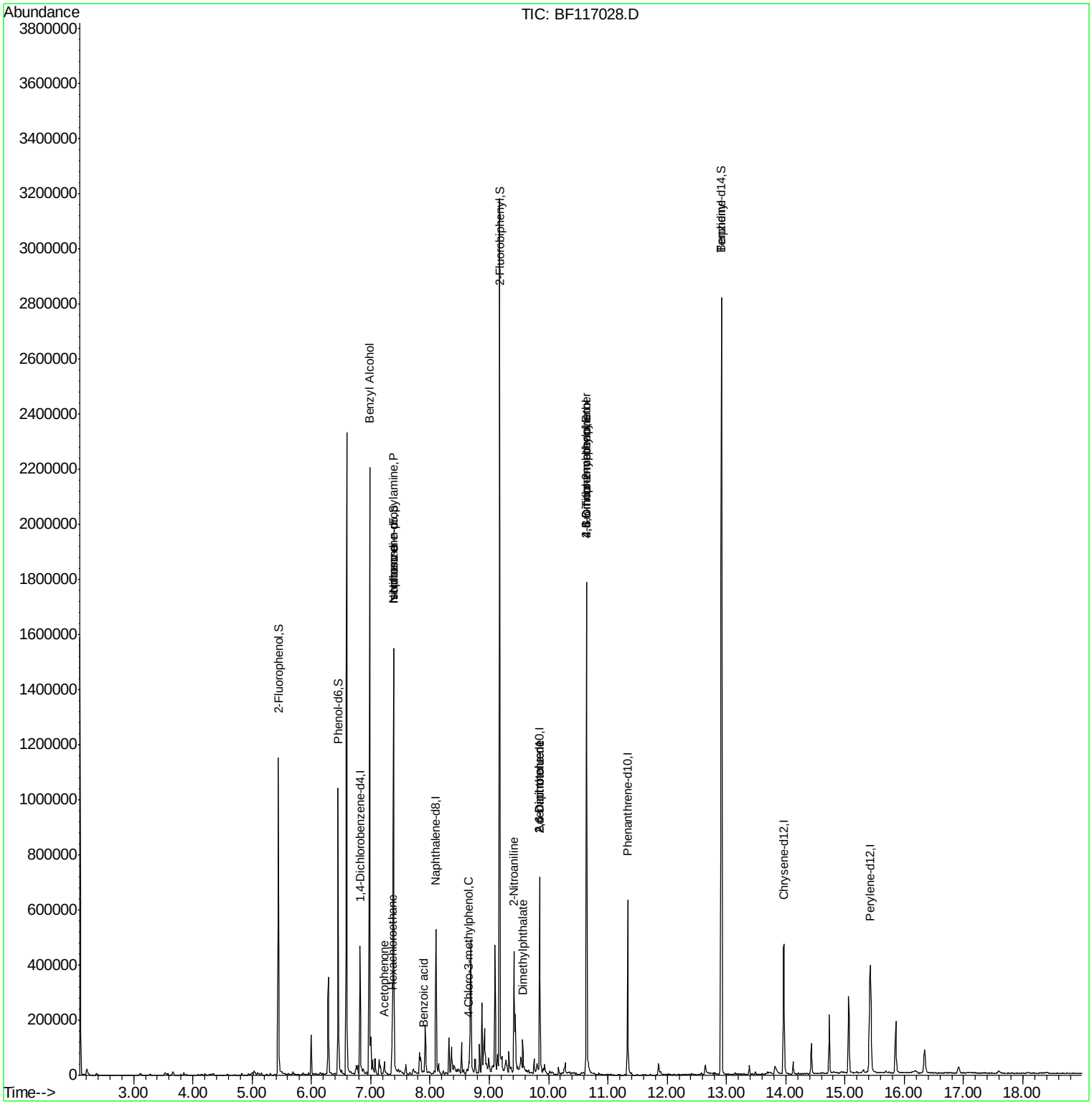
(#) = qualifier out of range (m) = manual integration (+) = signals summed

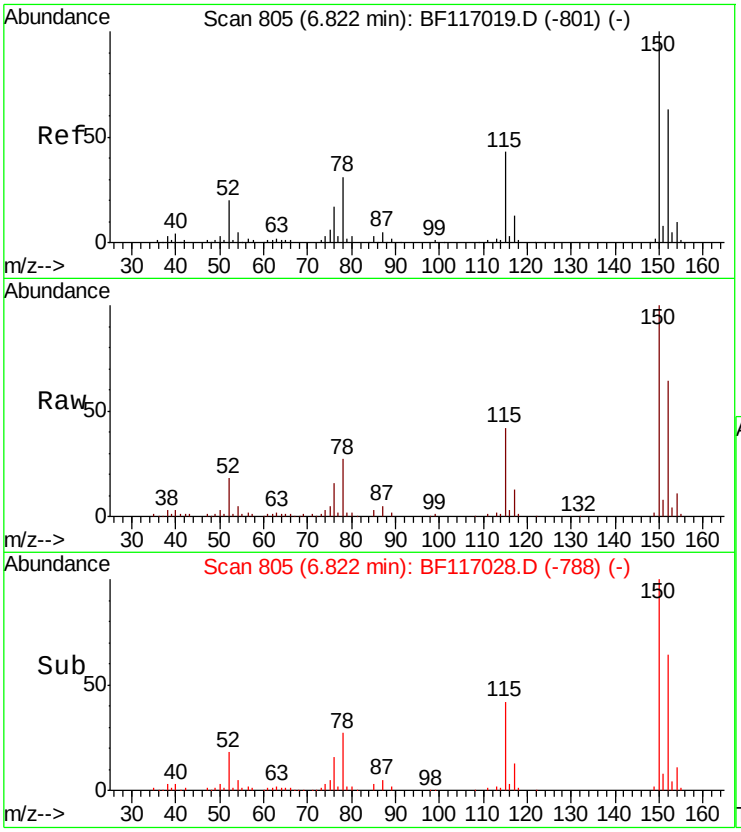
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117028.D
Acq On : 13 Sep 2019 17:58
Operator : HP/JU
Sample : K4836-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2

Quant Time: Sep 14 00:16:58 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



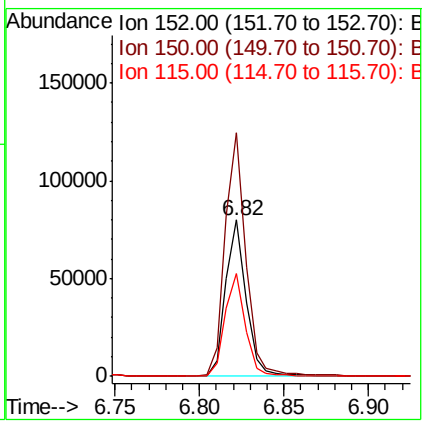


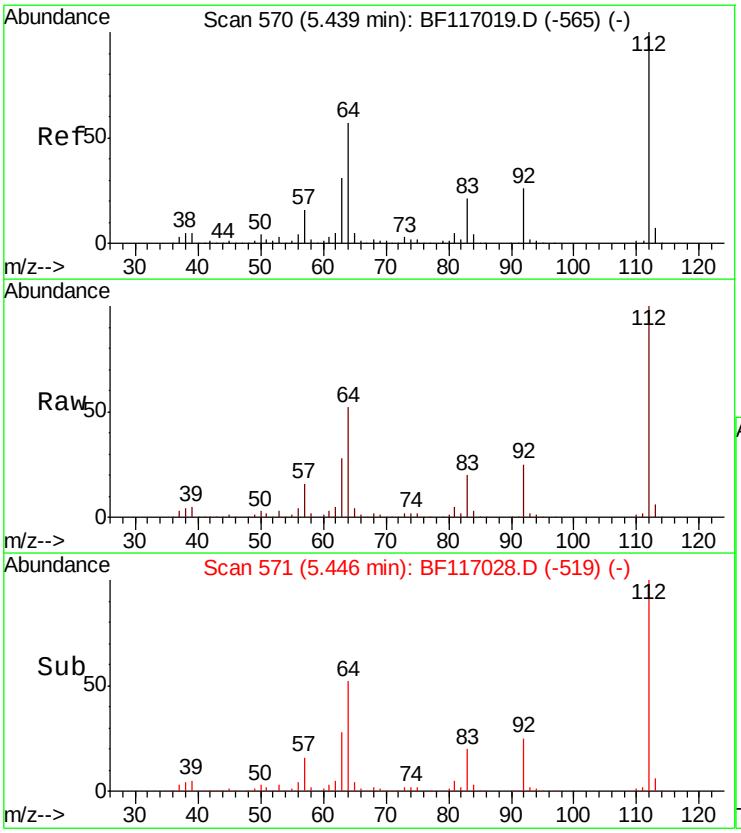
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 67937

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.5	191.3
115	66.2	55.0	82.4

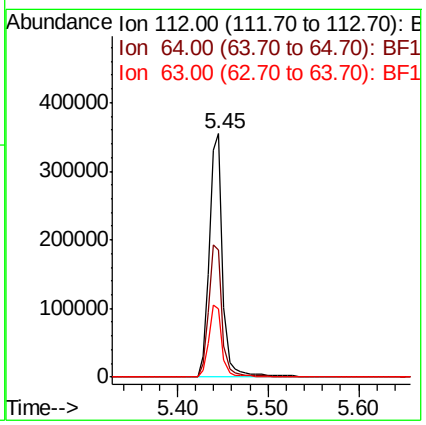


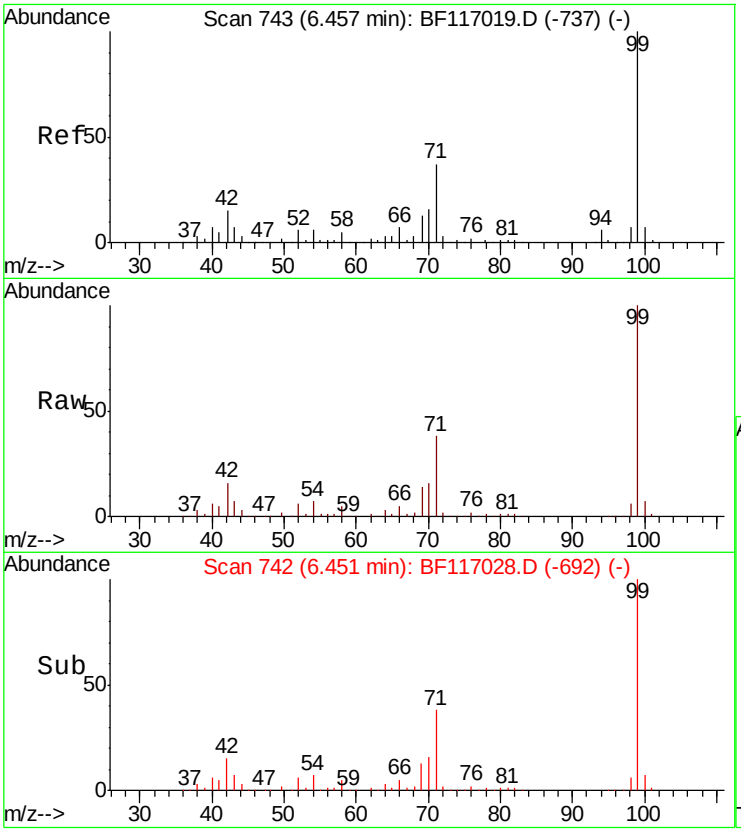


#5
2-Fluorophenol
Concen: 85.158 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:112 Resp: 370561

Ion	Ratio	Lower	Upper
112	100		
64	52.5	45.7	68.5
63	28.2	24.9	37.3



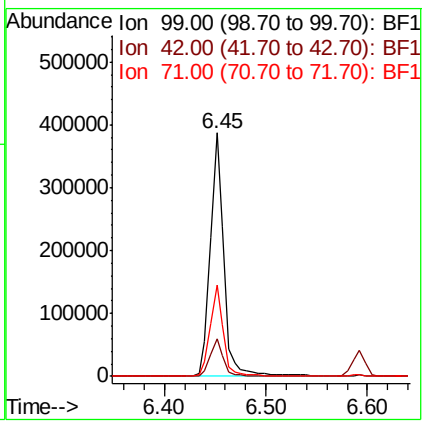


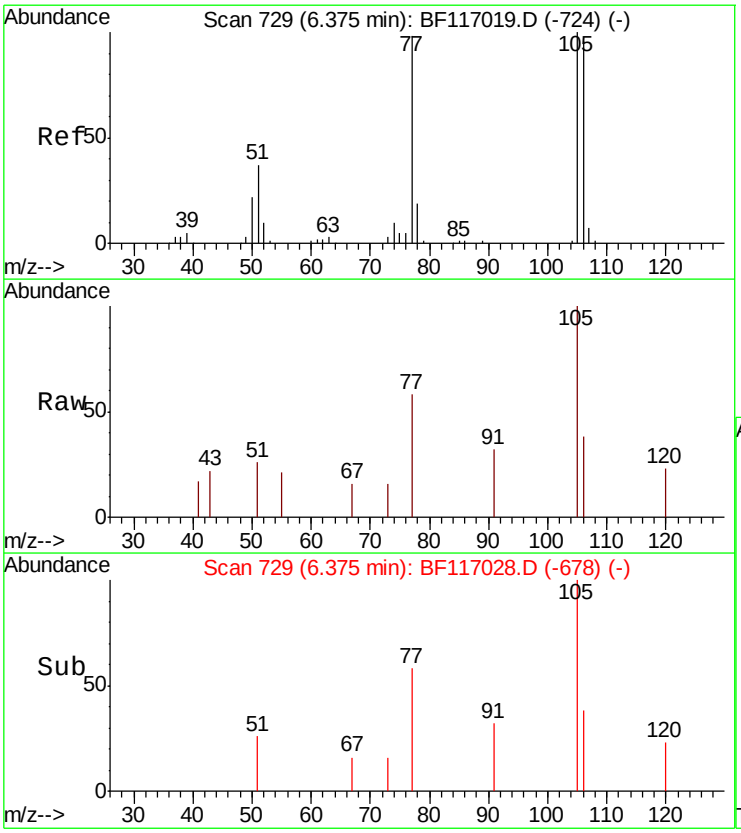
#7
Phenol-d6
Concen: 64.618 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 99 Resp: 363390

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	37.7	29.8	44.8

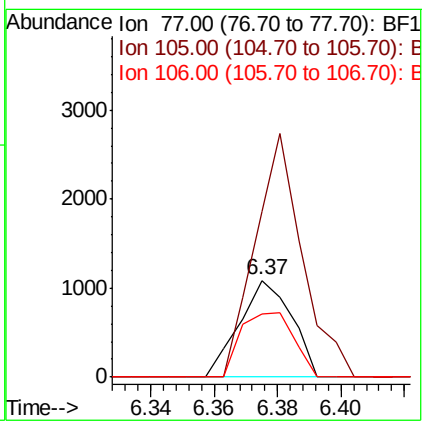


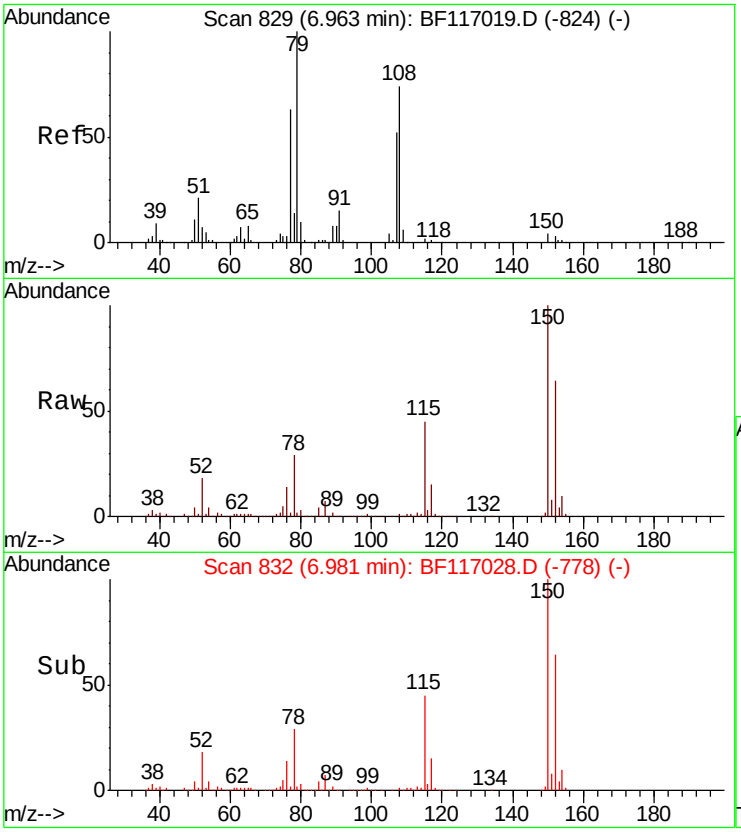


#9
Benzaldehyde
Concen: Below Cal
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion: 77 Resp: 1232

Ion	Ratio	Lower	Upper
77	100		
105	172.0	81.8	121.8#
106	65.5	77.3	117.3#



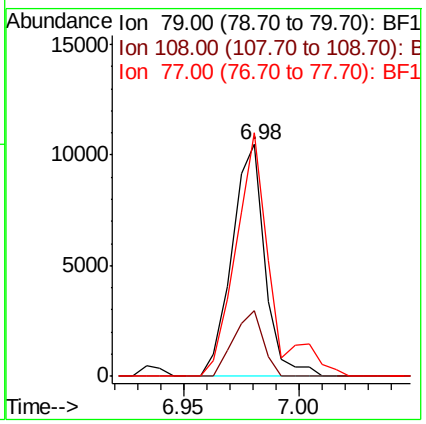


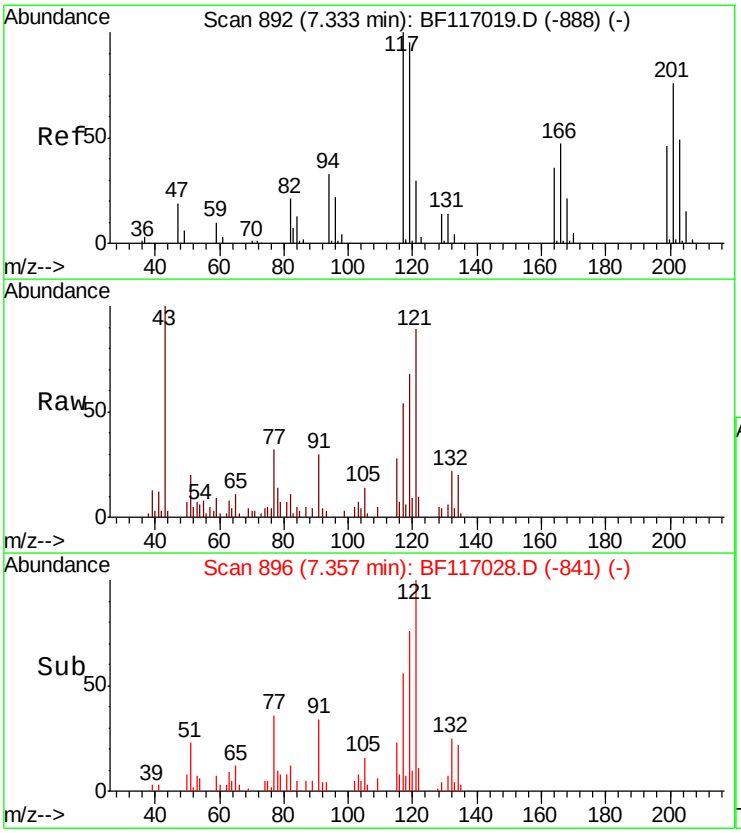
#15
Benzyl Alcohol
Concen: 2.427 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.02 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 79 Resp: 10467

Ion	Ratio	Lower	Upper
79	100		
108	28.3	59.4	89.0#
77	105.2	50.2	75.2#

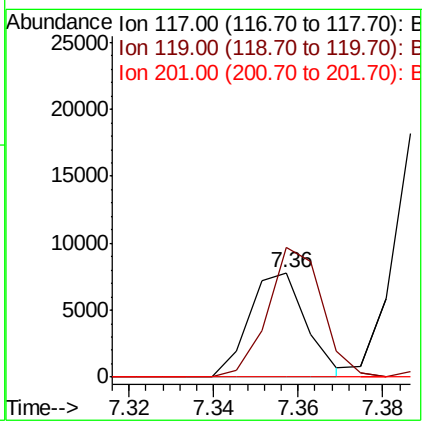


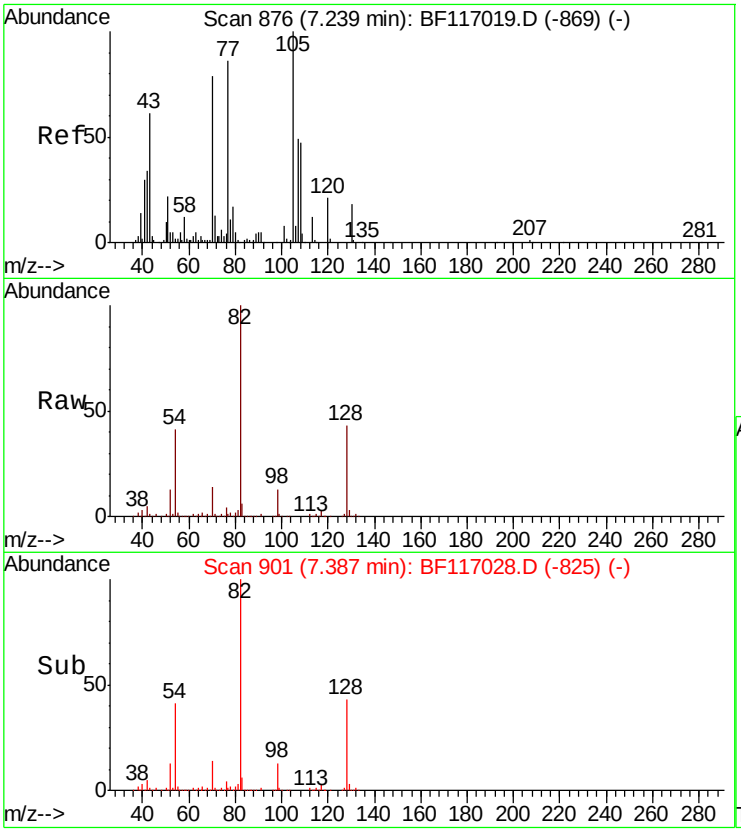


#18
Hexachloroethane
Concen: 3.555 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:117 Resp: 7352

Ion	Ratio	Lower	Upper
117	100		
119	124.7	75.8	113.8#
201	0.0	60.9	91.3#



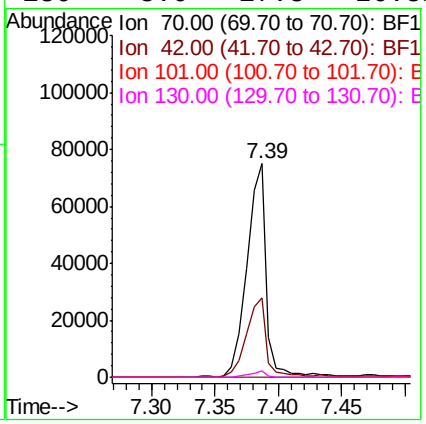


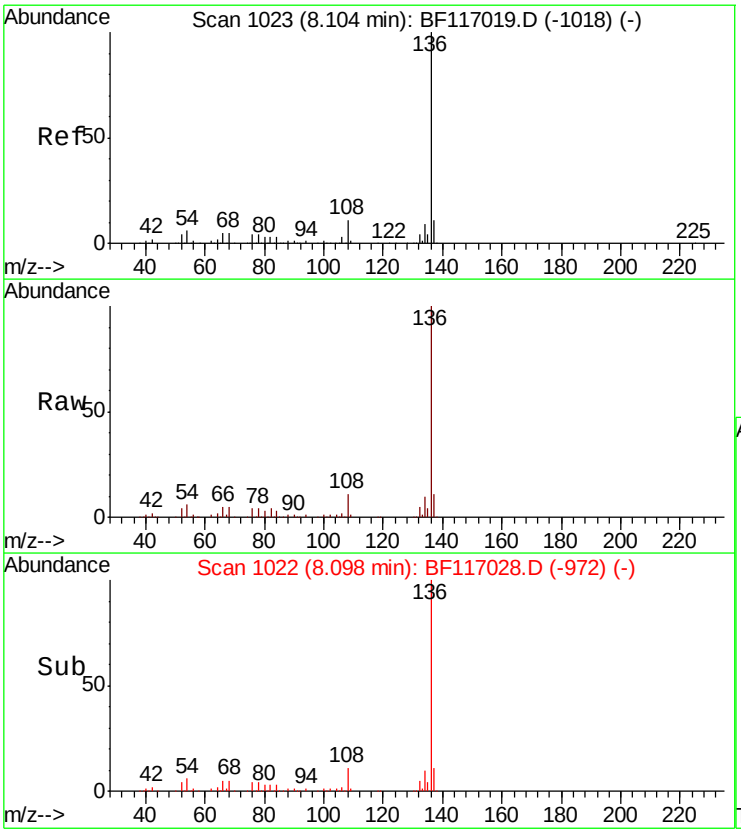
#19
n-Nitroso-di-n-propylamine
Concen: 23.208 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.15 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 70 Resp: 79474

Ion	Ratio	Lower	Upper
70	100		
42	37.1	34.0	51.0
101	0.0	7.8	11.6#
130	3.0	17.8	26.8#

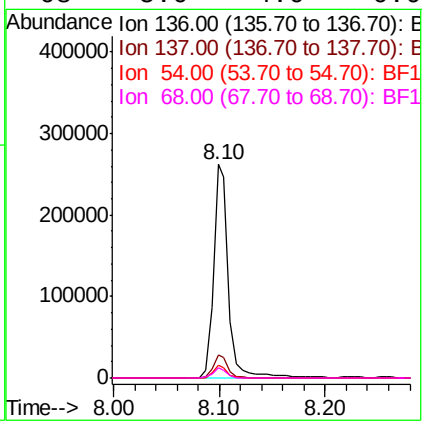


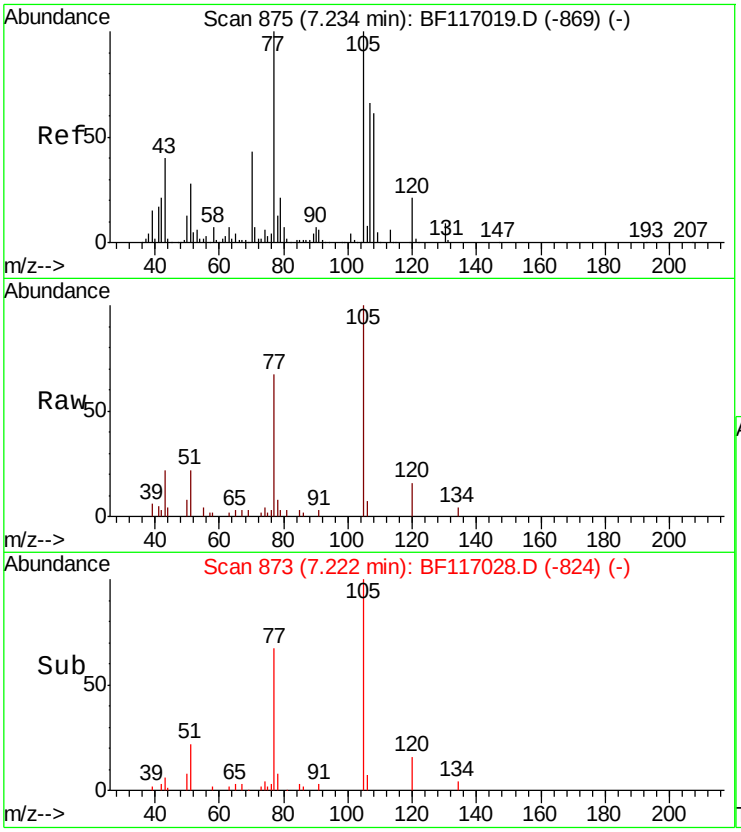


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:136 Resp: 260700

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.8	4.5	6.7
68	5.0	4.0	6.0



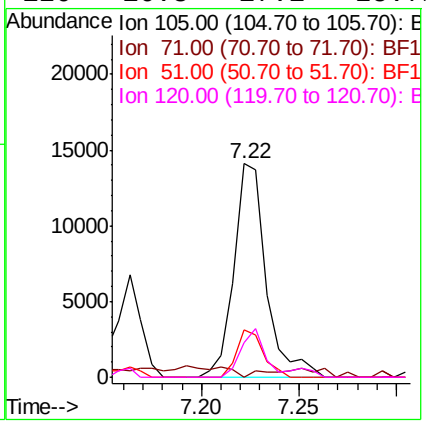


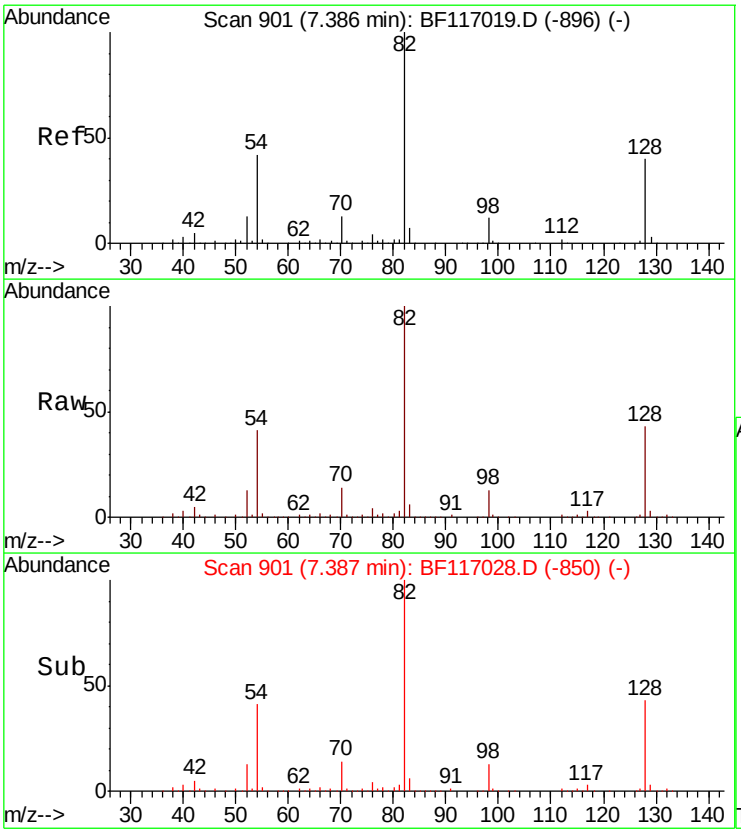
#22
Acetophenone
Concen: 2.440 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 16160

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.7	8.5#
51	22.2	22.1	33.1
120	16.3	17.1	25.7#

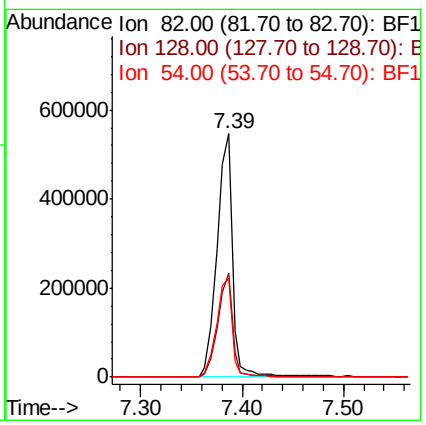


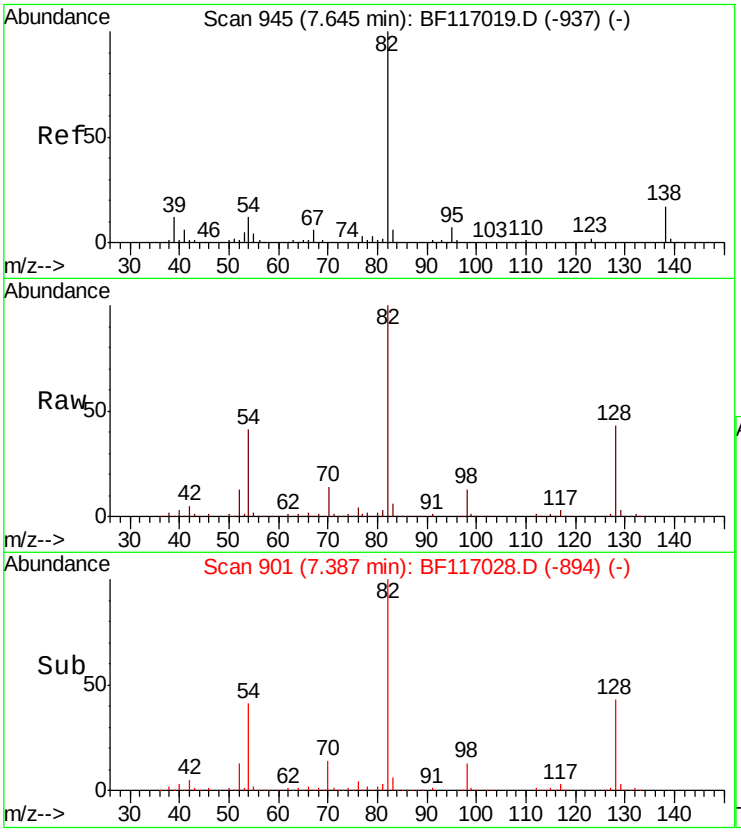


#23
Nitrobenzene-d5
Concen: 117.991 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion: 82 Resp: 585434

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.3	48.5
54	40.7	33.3	49.9



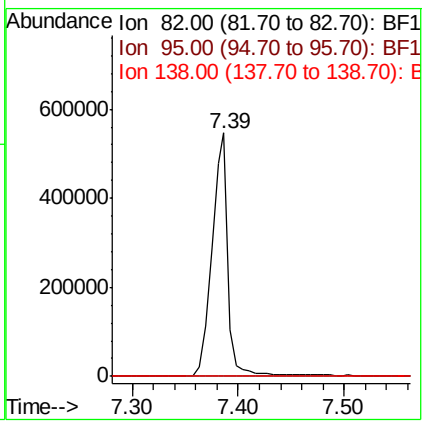


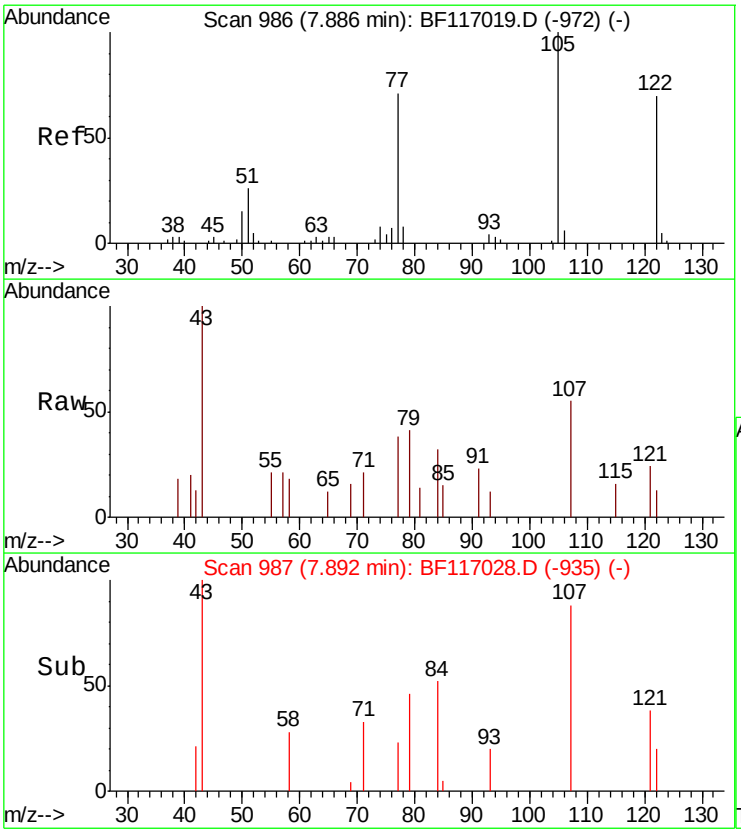
#25
Isophorone
Concen: 66.639 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.26 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 82 Resp: 585428

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

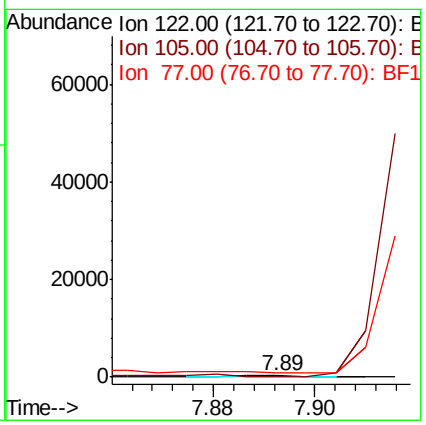


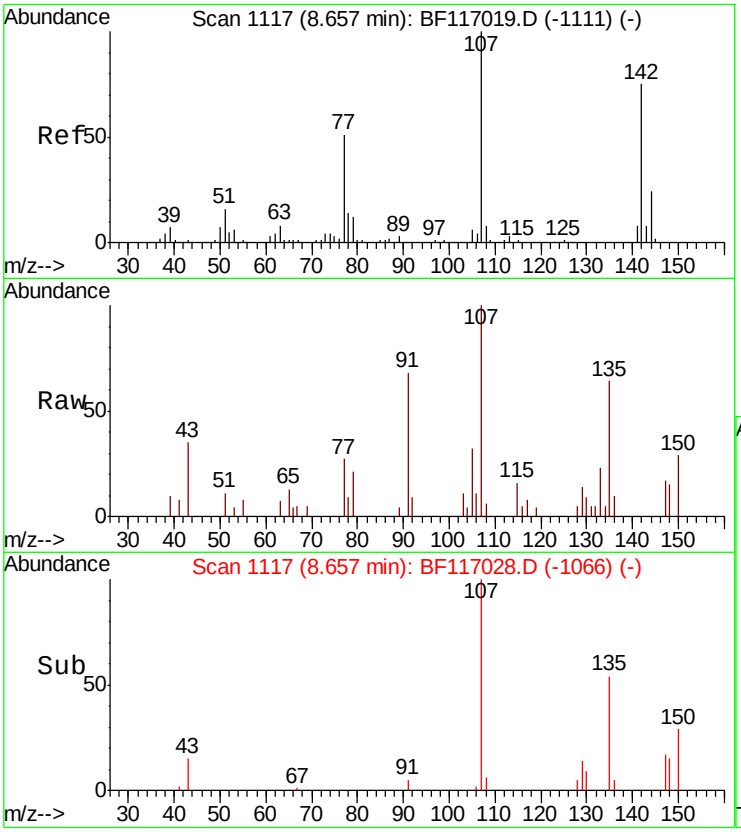


#32
Benzoic acid
Concen: 6.671 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:122 Resp: 225

Ion	Ratio	Lower	Upper
122	100		
105	0.0	114.8	154.8#
77	298.2	78.7	118.7#



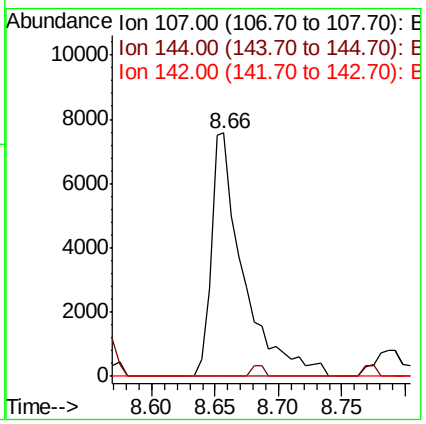


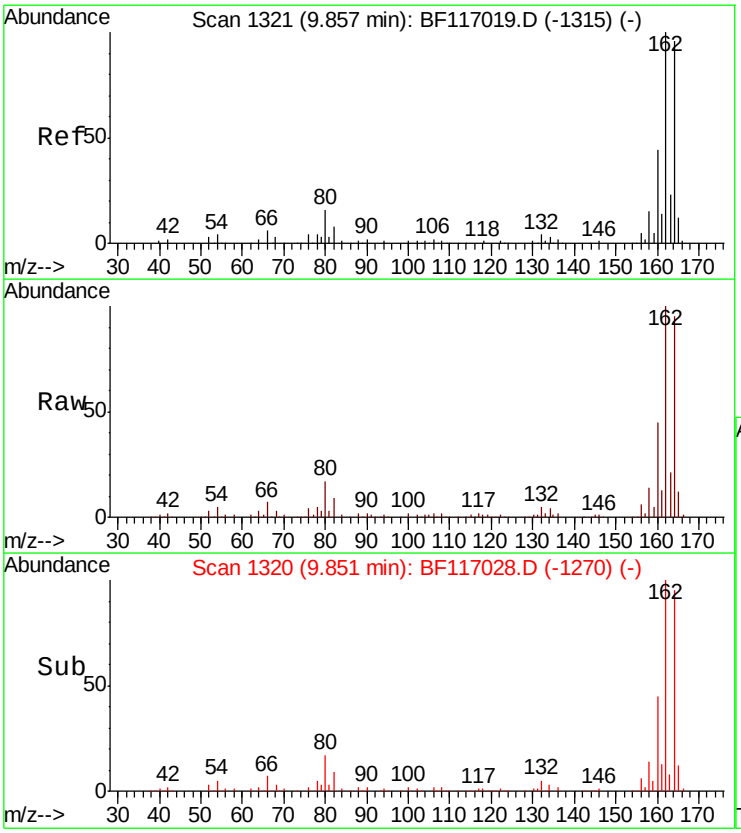
#36
4-Chloro-3-methylphenol
Concen: 3.281 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:107 Resp: 13378

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.2	28.8#
142	0.0	59.6	89.4#

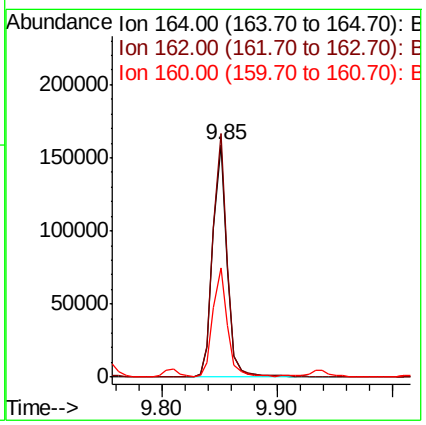


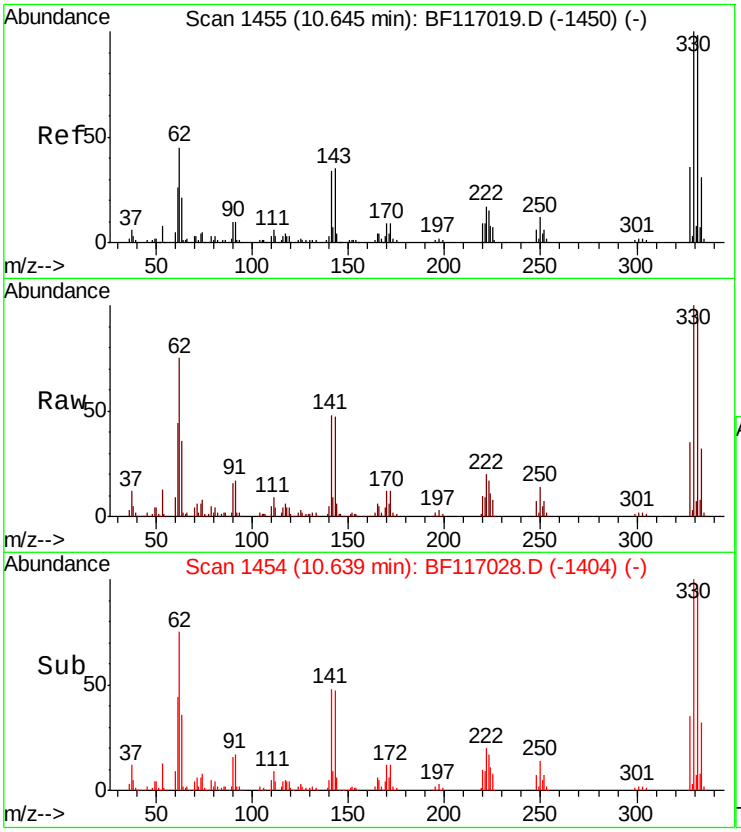


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:164 Resp: 136904

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.2
160	46.8	36.4	54.6



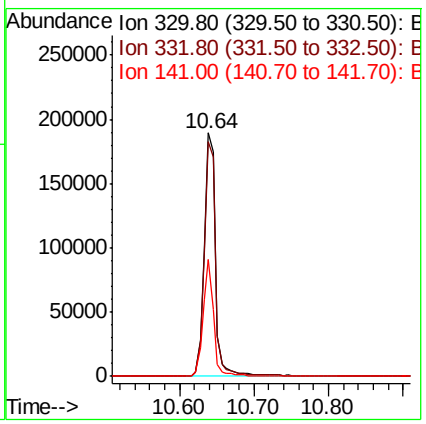


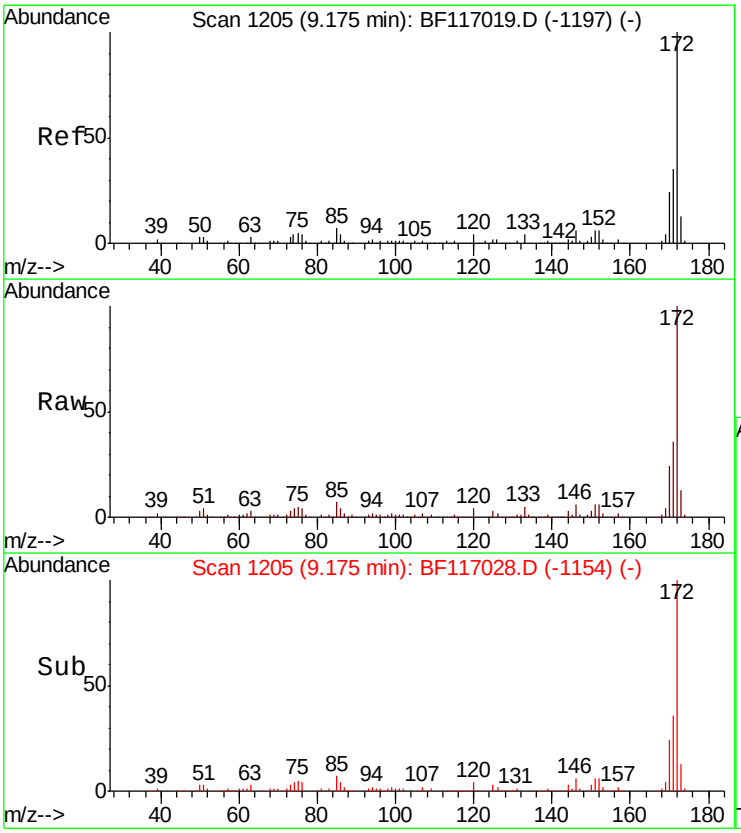
#42
2,4,6-Tribromophenol
Concen: 175.359 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:330 Resp: 200647

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	44.1	35.8	53.6

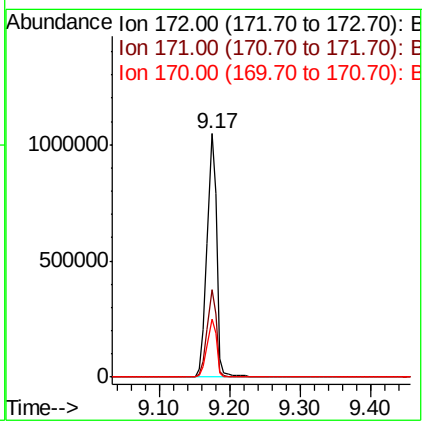


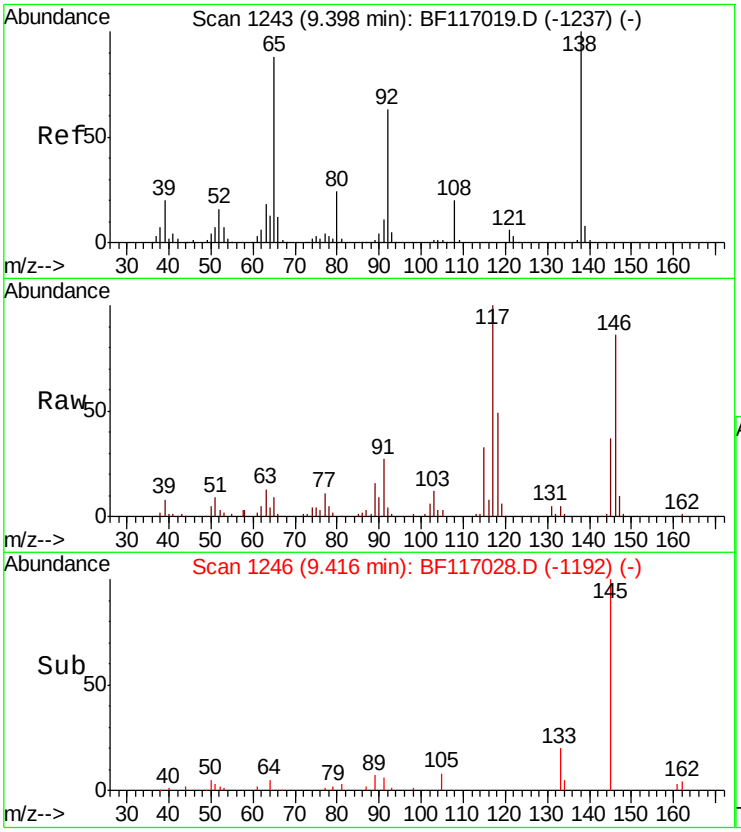


#45
2-Fluorobiphenyl
Concen: 113.934 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:172 Resp: 997584

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	24.1	18.9	28.3



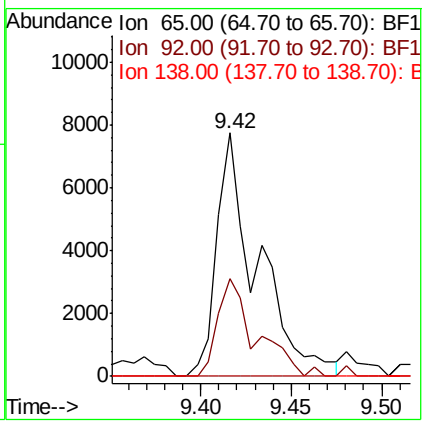


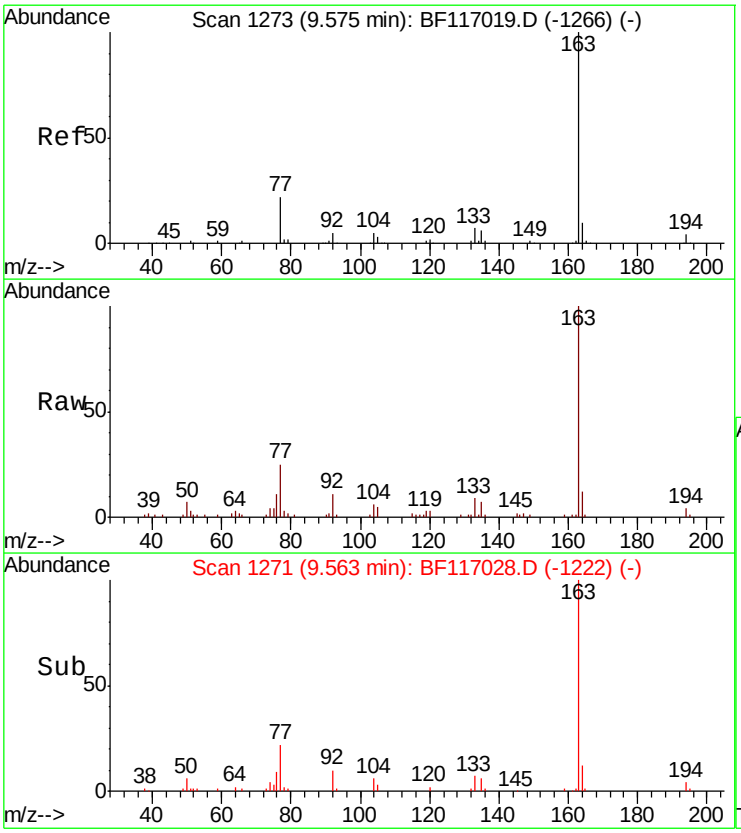
#48
2-Nitroaniline
Concen: 4.444 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.02 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion: 65 Resp: 12081

Ion	Ratio	Lower	Upper
65	100		
92	40.4	57.5	86.3#
138	0.0	90.6	136.0#

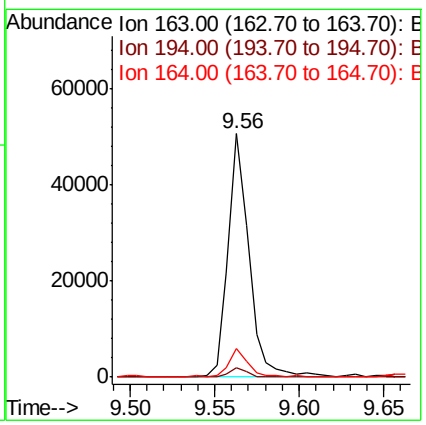


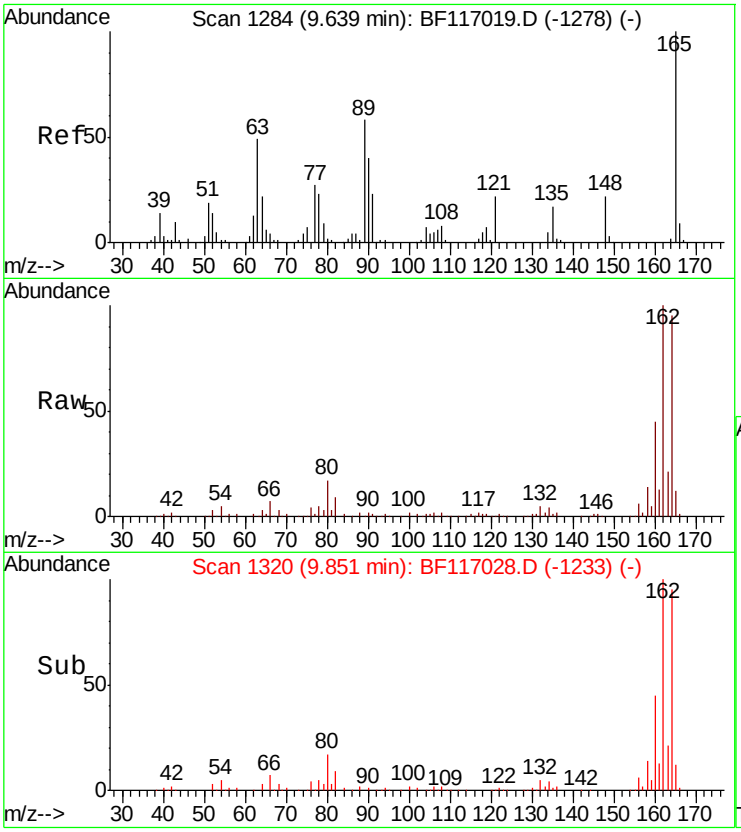


#50
Dimethylphthalate
Concen: 4.524 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:163 Resp: 43856

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	11.5	8.2	12.4



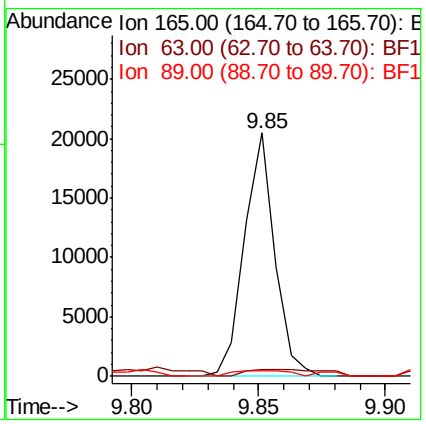


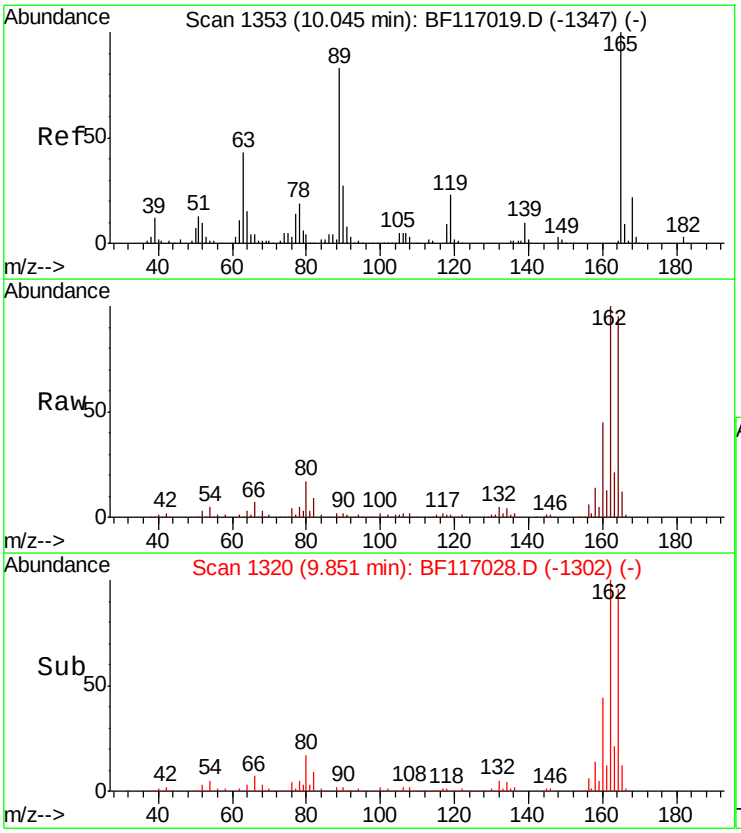
#51
2,6-Dinitrotoluene
Concen: 8.682 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:165 Resp: 17140

Ion	Ratio	Lower	Upper
165	100		
63	2.9	41.8	62.8#
89	2.5	46.5	69.7#

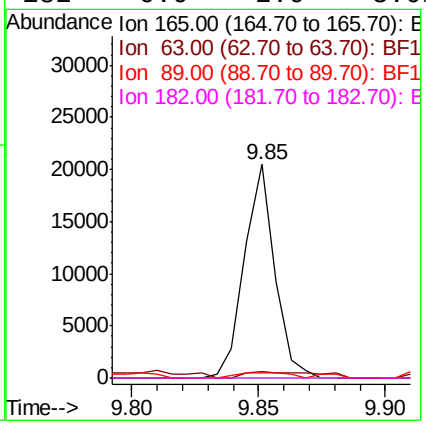


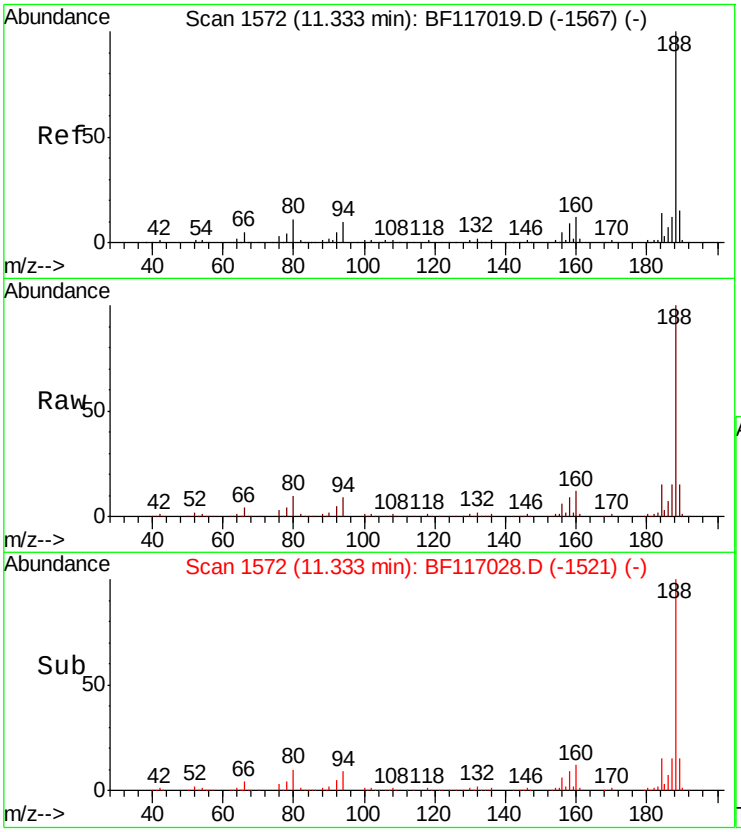


#57
2,4-Dinitrotoluene
Concen: 6.688 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:165 Resp: 17140

Ion	Ratio	Lower	Upper
165	100		
63	2.9	35.0	52.4#
89	2.5	66.1	99.1#
182	0.0	2.0	3.0#



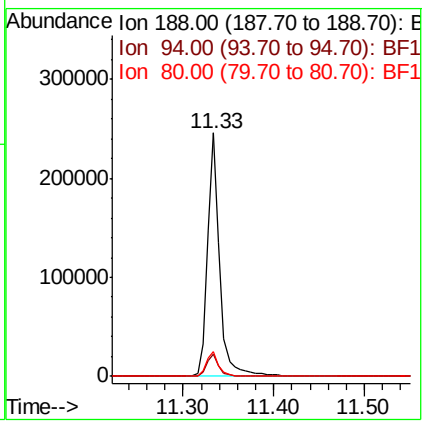


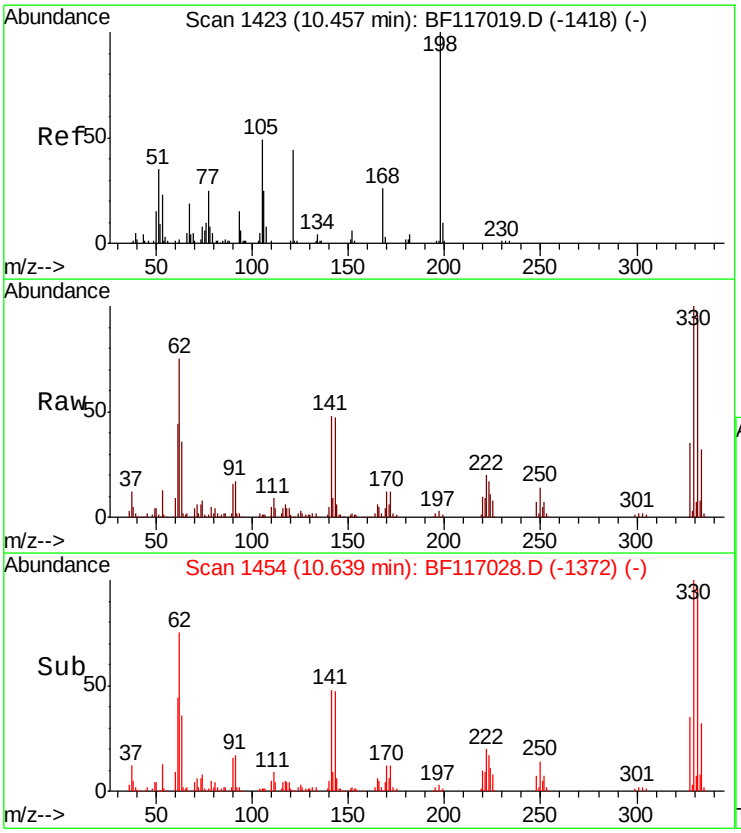
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:188 Resp: 232691

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	10.3	9.0	13.6

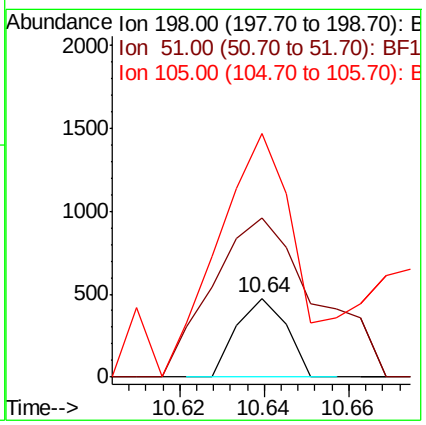


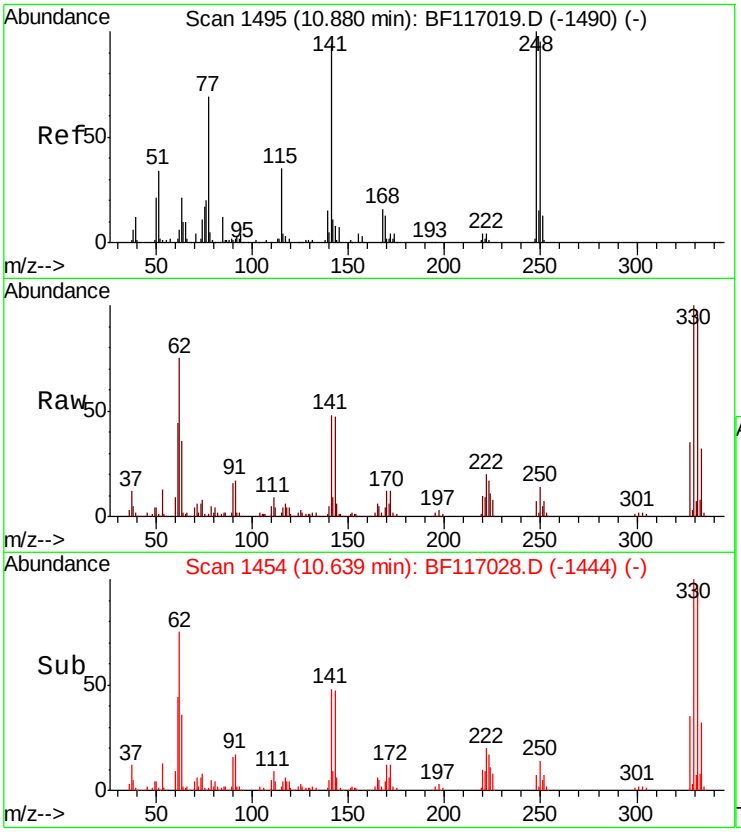


#65
4,6-Dinitro-2-methylphenol
Concen: 7.216 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:198 Resp: 388

Ion	Ratio	Lower	Upper
198	100		
51	201.3	18.7	58.7#
105	308.8	30.2	70.2#



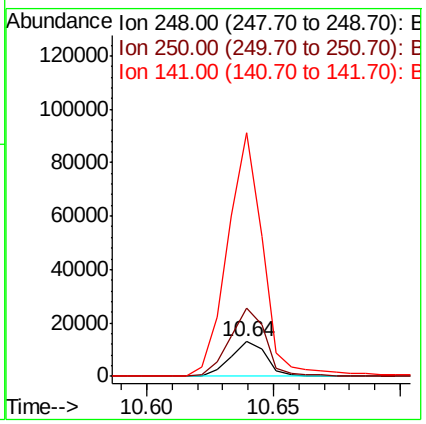


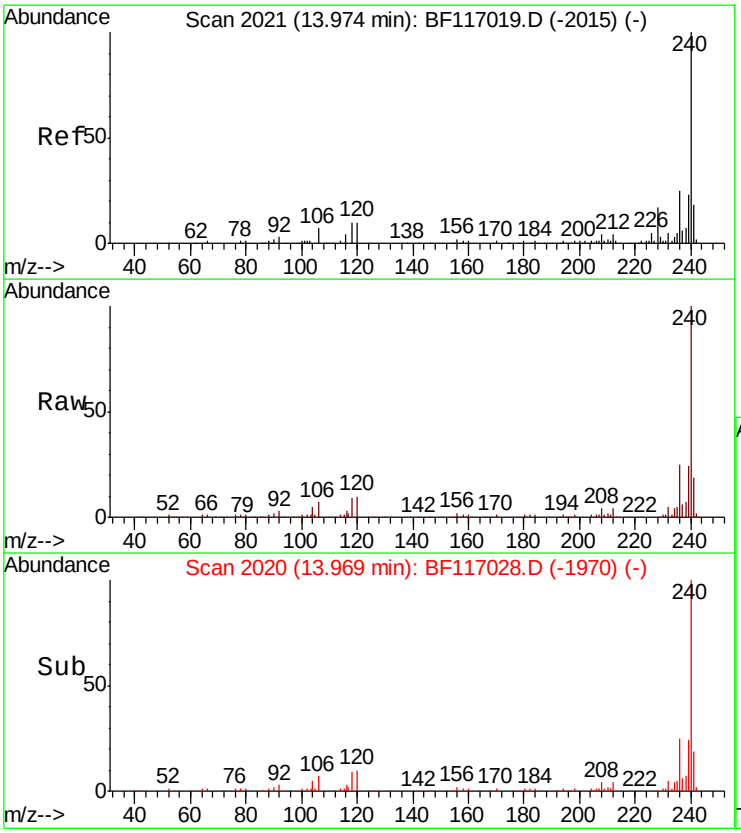
#67
4-Bromophenyl-phenylether
Concen: 5.437 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:248 Resp: 12919

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.2	114.4#
141	702.2	75.0	112.4#

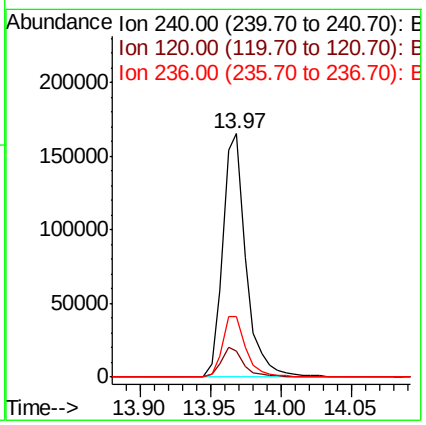


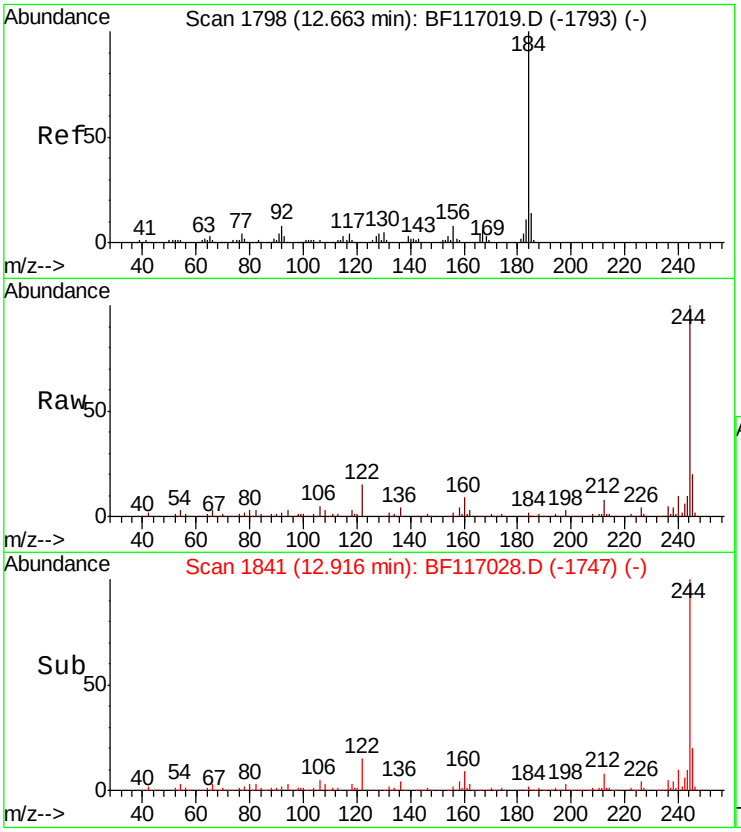


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:240 Resp: 189225

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.9	20.3	30.5



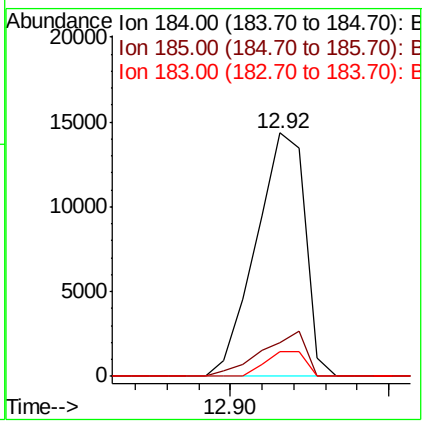


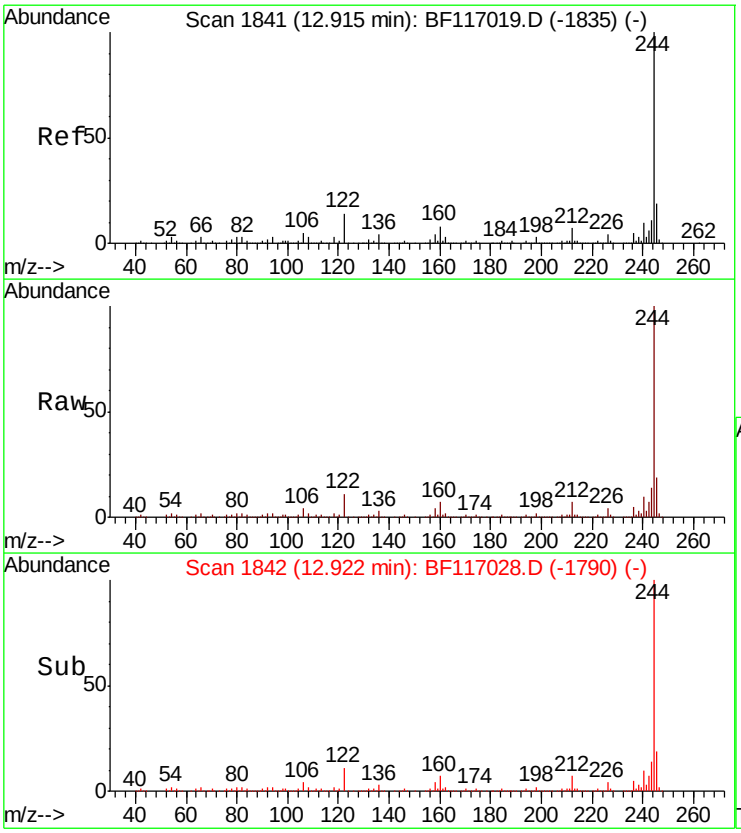
#77
Benzidine
Concen: 2.534 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:184 Resp: 15448

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.6	17.4
183	10.3	9.0	13.4

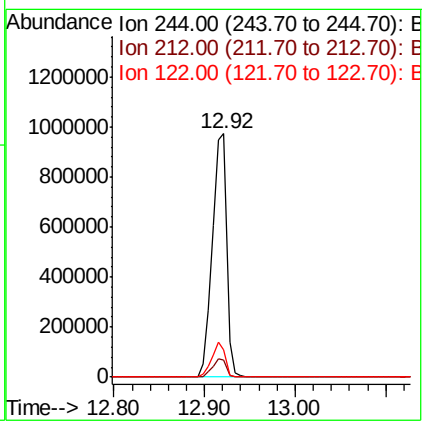


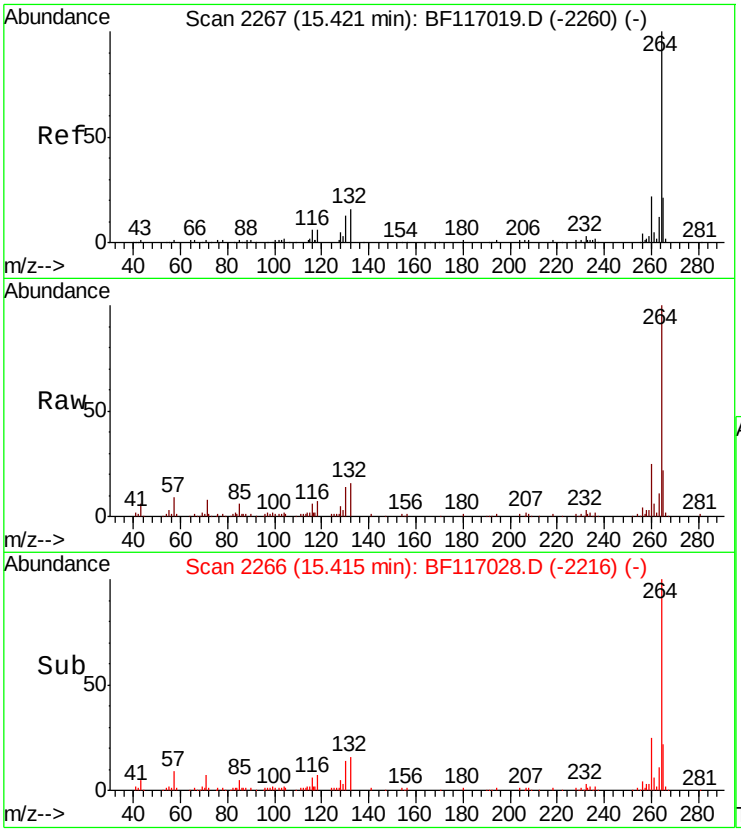


#79
Terphenyl-d14
Concen: 105.846 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:244 Resp: 1071495

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.4	11.3	16.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 166150

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.6	26.4
265	22.5	16.6	24.8