Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117162.D
Acq On : 18 Sep 2019 23:07
Operator : HP/JU
Sample : K4927-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 19 05:17:09 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	71535	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	282353	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	143270	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	233177	20.00	ng	0.00
76) Chrysene-d12	13.96	240	165901	20.00	ng	-0.01
87) Perylene-d12	15.41	264	114542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	377355	82.36	ng	0.00
7) Phenol-d6	6.46	99	509257	86.00	ng	0.00
23) Nitrobenzene-d5	7.38	82	319156	59.39	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	101653	84.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	550493	60.08	ng	0.00
79) Terphenyl-d14	12.91	244	508508	57.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	628	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.38	70	41380	11.476	ng	# 80
25) Isophorone	7.38	82	319154	33.543	ng	# 66
50) Dimethylphthalate	9.57	163	51459	5.073	ng	98
51) 2,6-Dinitrotoluene	9.85	165	17709	8.571	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	17709	6.603	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.64	198	137	7.013	ng	# 26
67) 4-Bromophenyl-phenylether	10.63	248	6369	2.675	ng	# 1

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

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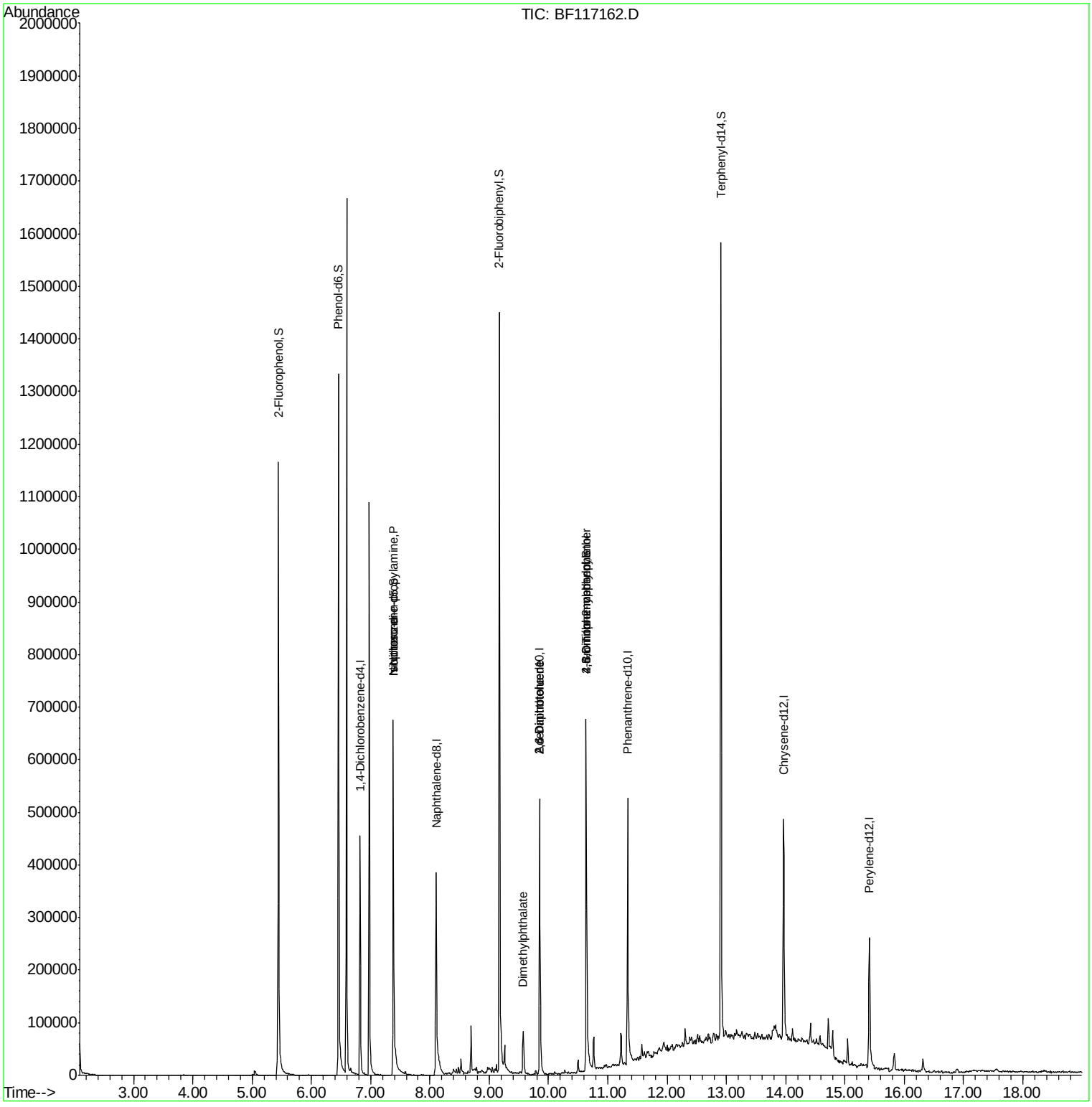
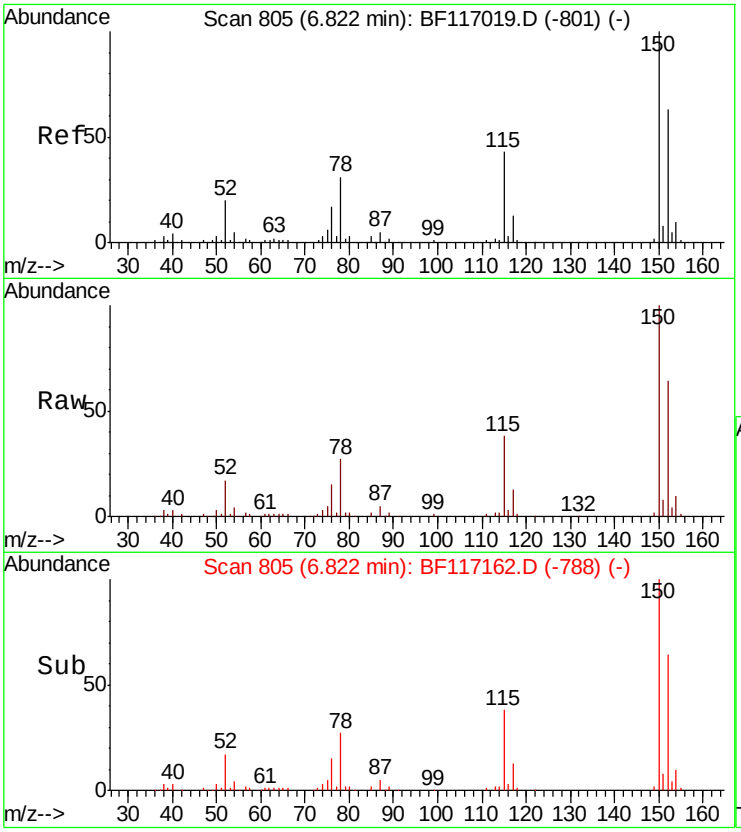


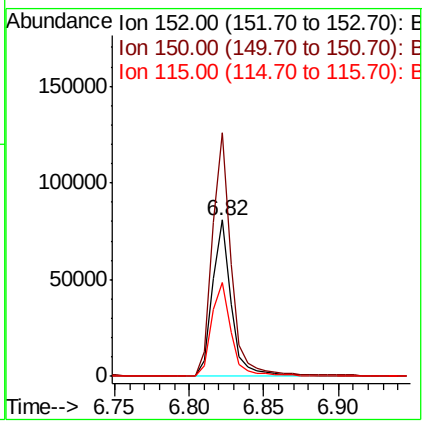


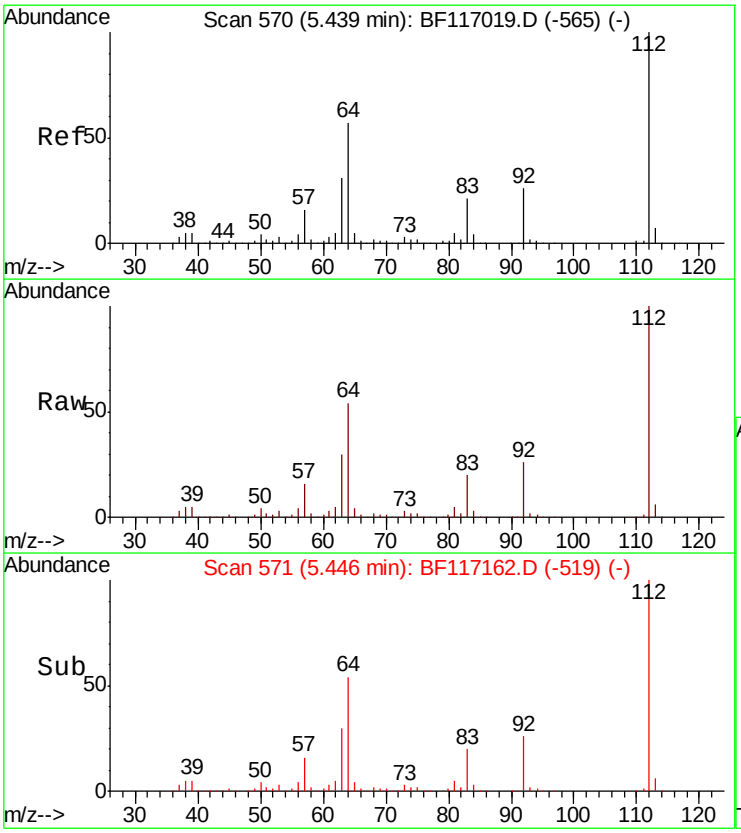
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 71535

Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.5	191.3
115	59.9	55.0	82.4

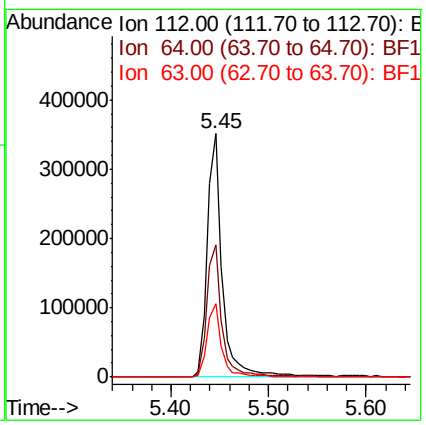


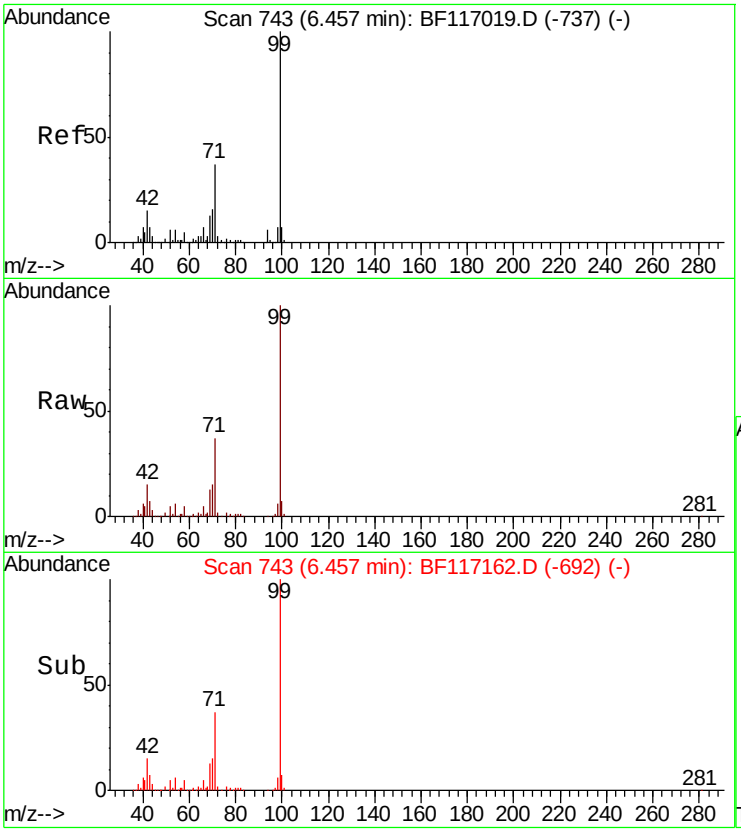


#5
2-Fluorophenol
Concen: 82.358 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:112 Resp: 377355

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.7	68.5
63	30.1	24.9	37.3



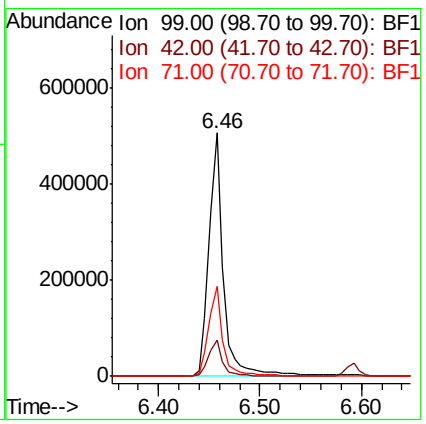


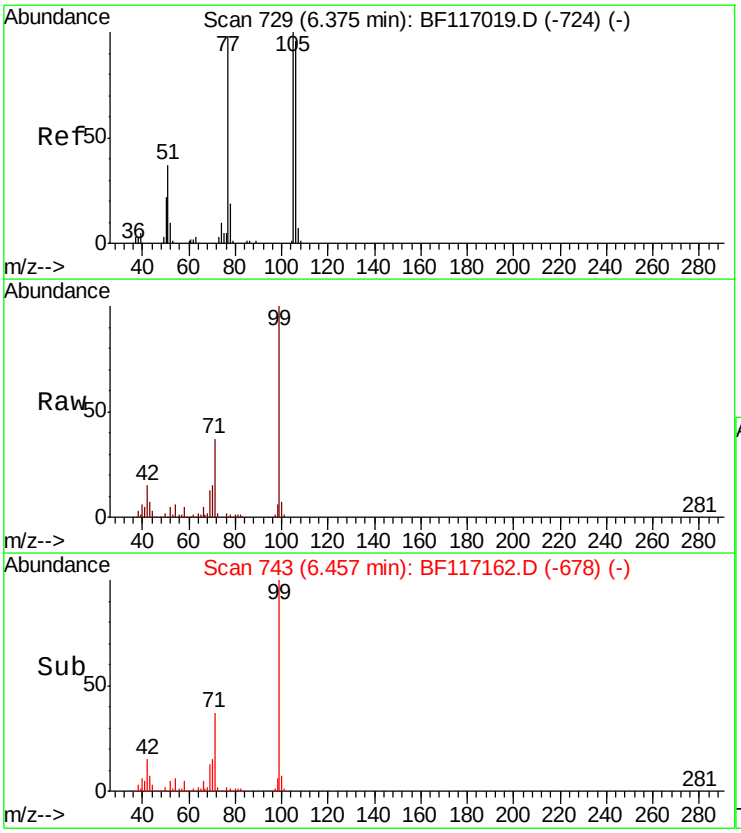
#7
Phenol-d6
Concen: 86.002 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 509257

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.2	18.2
71	36.8	29.8	44.8

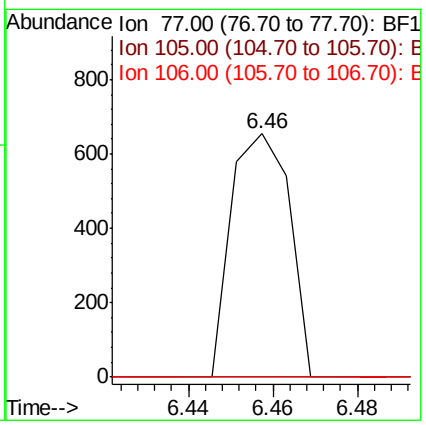


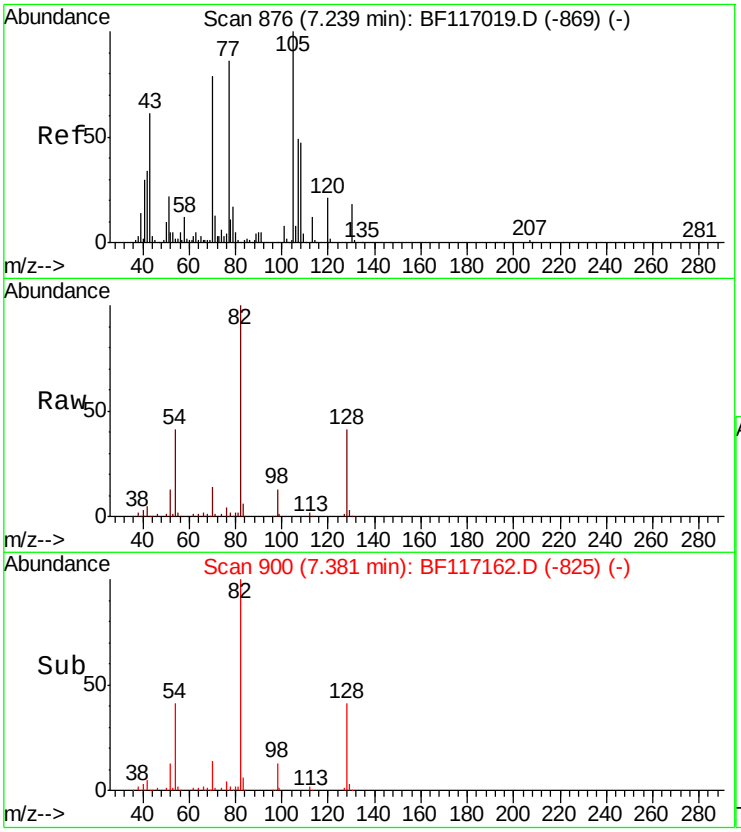


#9
Benzaldehyde
Concen: Below Cal
RT: 6.46 min Scan# 743
Delta R.T. 0.08 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion: 77 Resp: 628

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



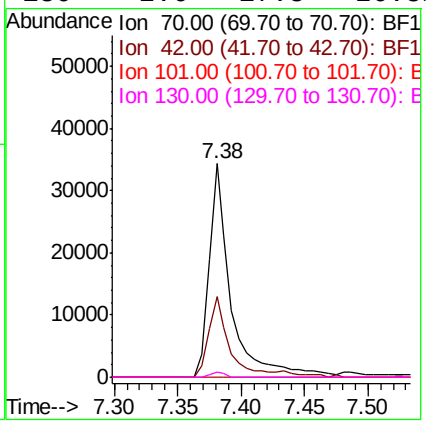


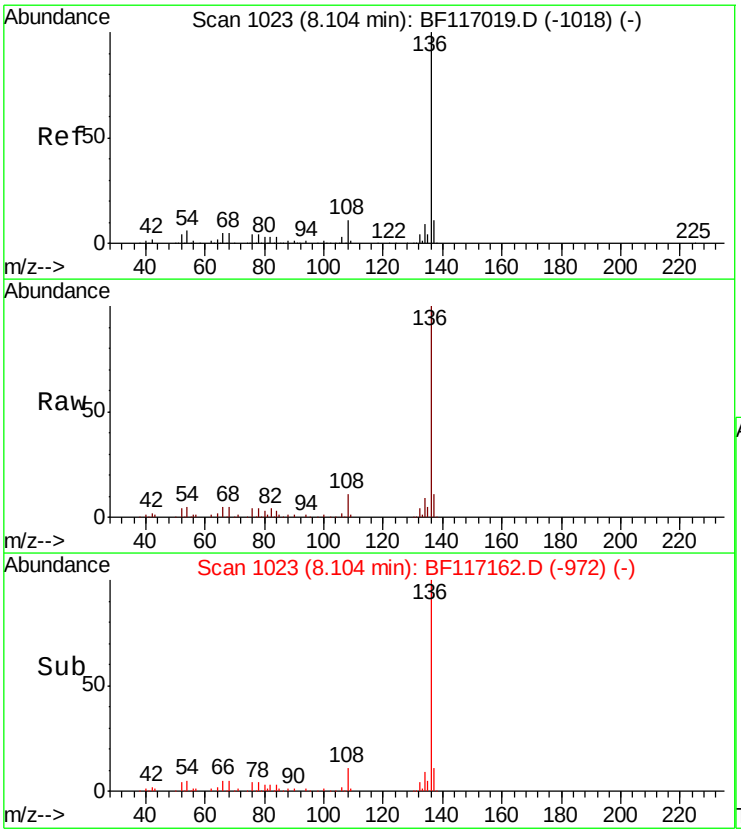
#19
n-Nitroso-di-n-propylamine
Concen: 11.476 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.14 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 41380

Ion	Ratio	Lower	Upper
70	100		
42	37.7	34.0	51.0
101	0.0	7.8	11.6#
130	2.6	17.8	26.8#

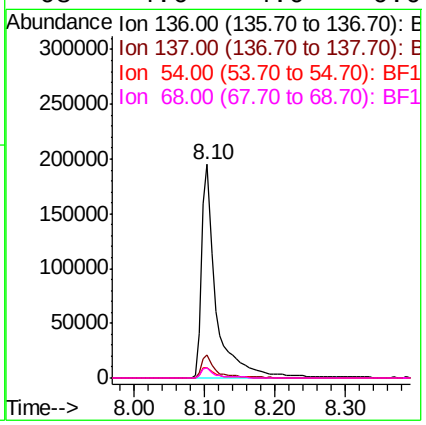


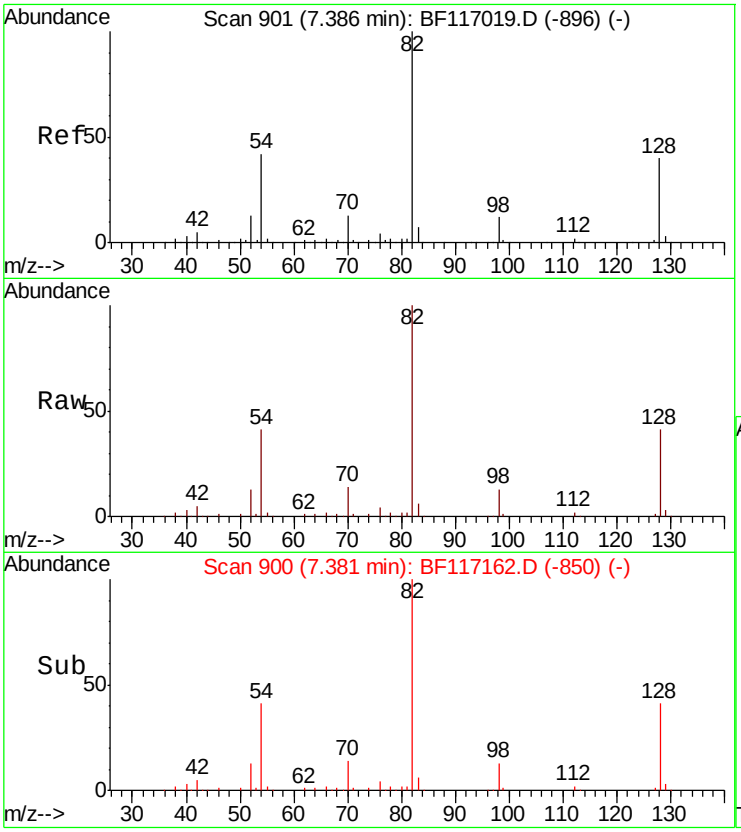


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:136 Resp: 282353

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	5.0	4.5	6.7
68	4.6	4.0	6.0



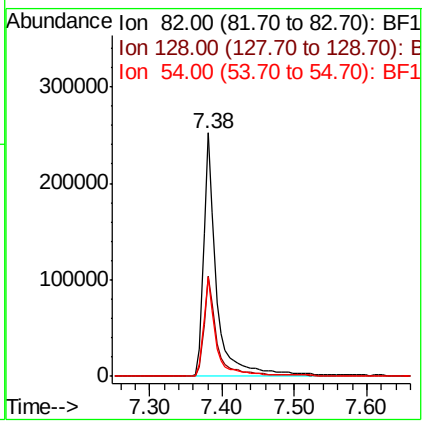


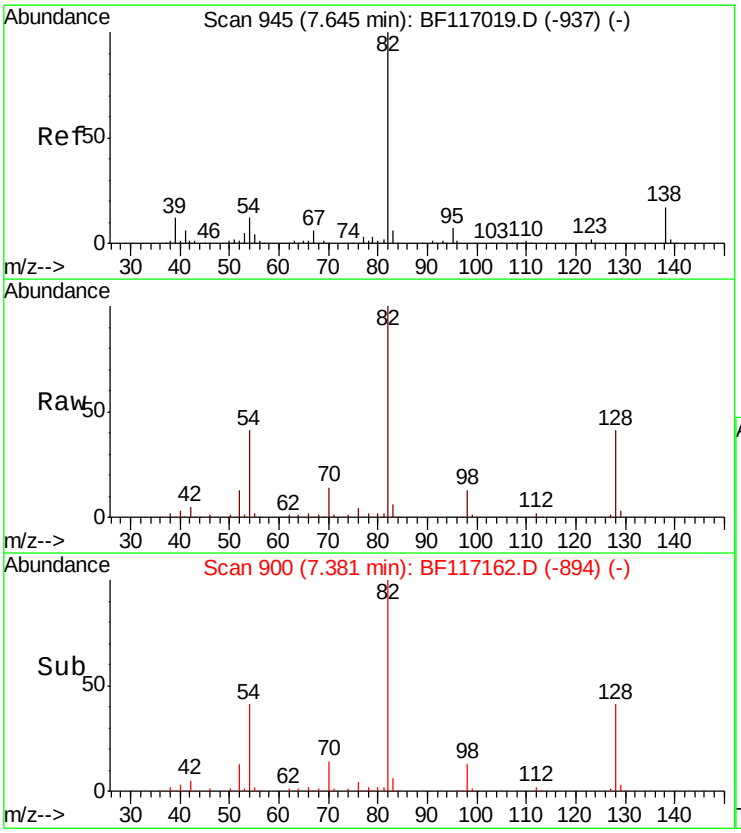
#23
Nitrobenzene-d5
Concen: 59.391 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 319156

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	40.7	33.3	49.9

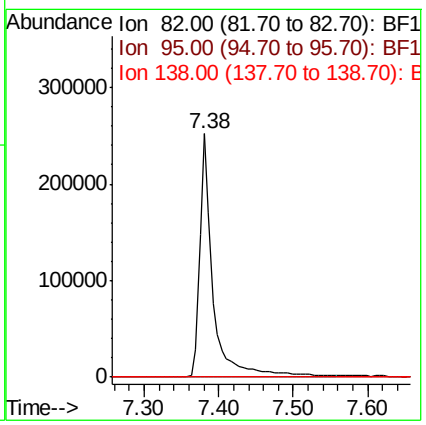


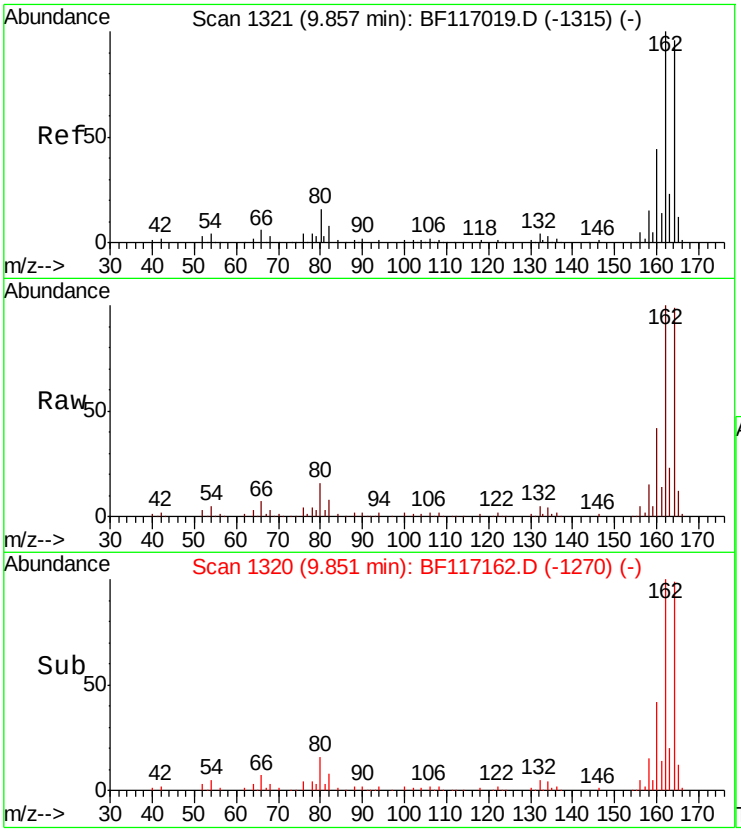


#25
Isophorone
Concen: 33.543 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion: 82 Resp: 319154

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



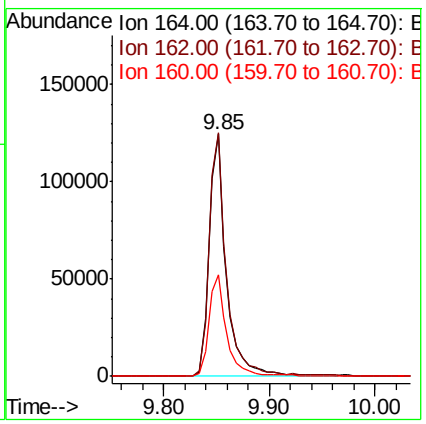


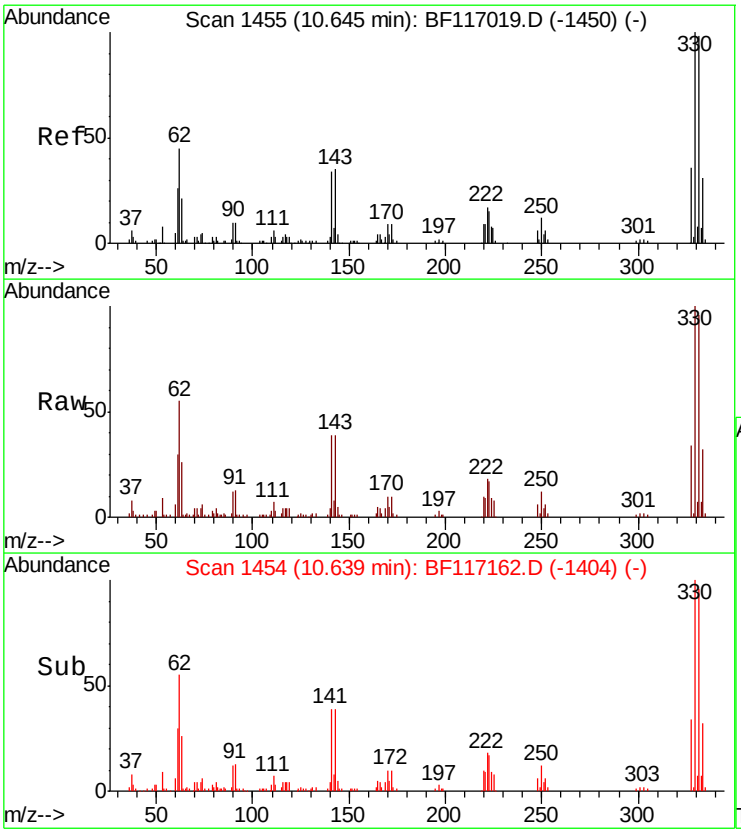
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 143270

Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.2
160	42.0	36.4	54.6

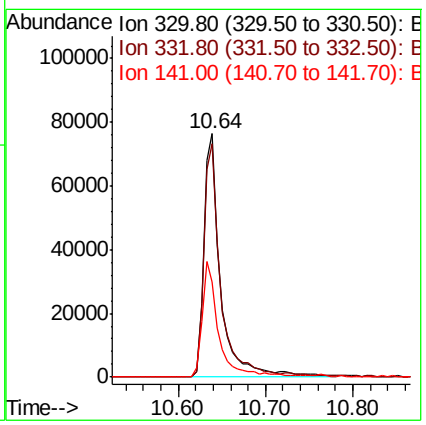


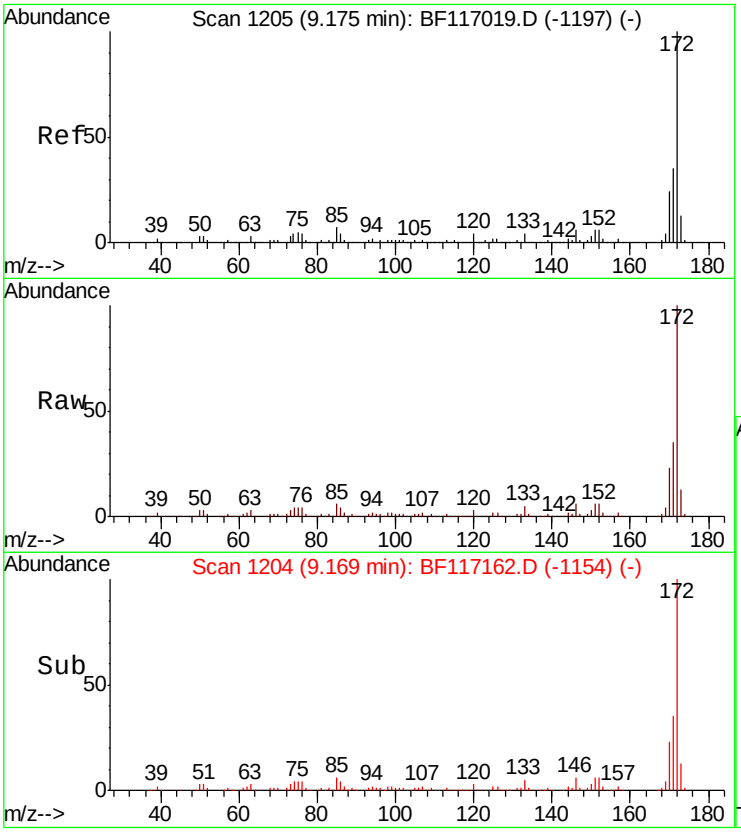


#42
2,4,6-Tribromophenol
Concen: 84.894 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:330 Resp: 101653

Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.0	117.0
141	46.9	35.8	53.6



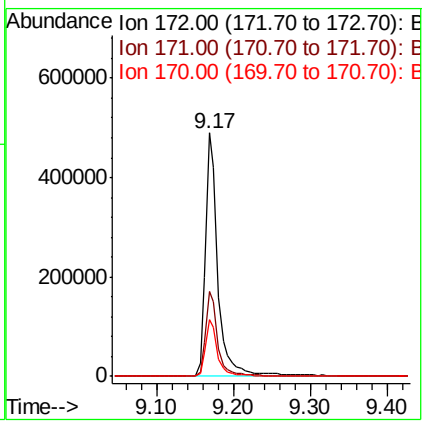


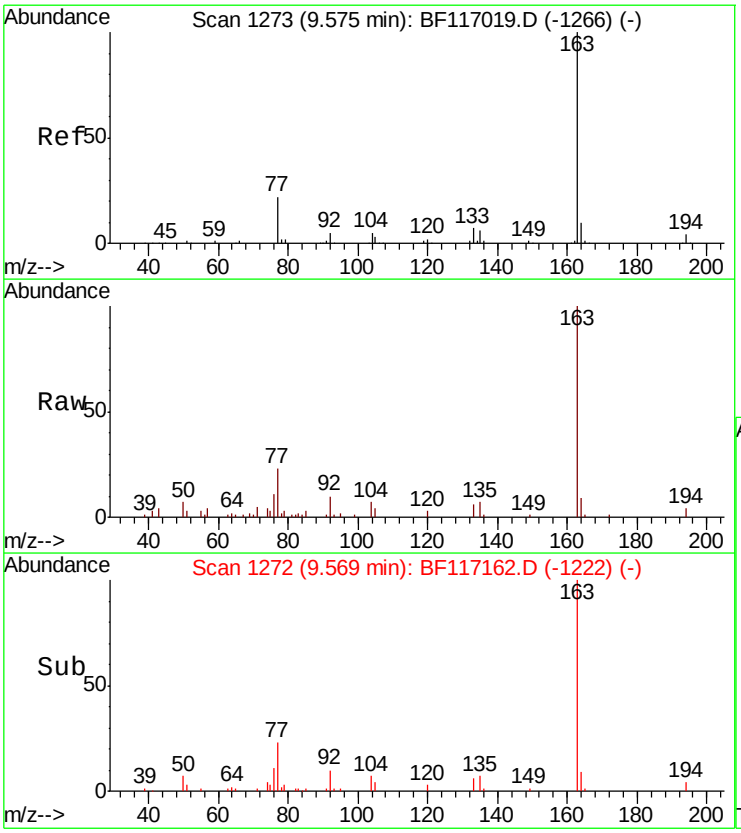
#45
2-Fluorobiphenyl
Concen: 60.078 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 550493

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.4	18.9	28.3

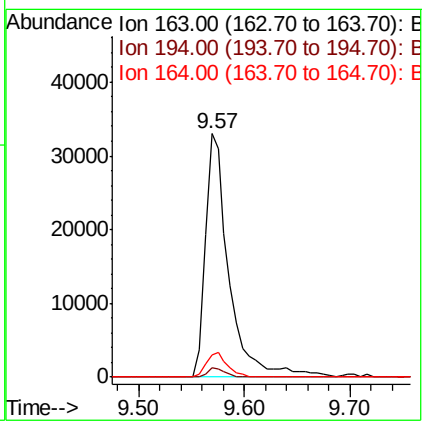


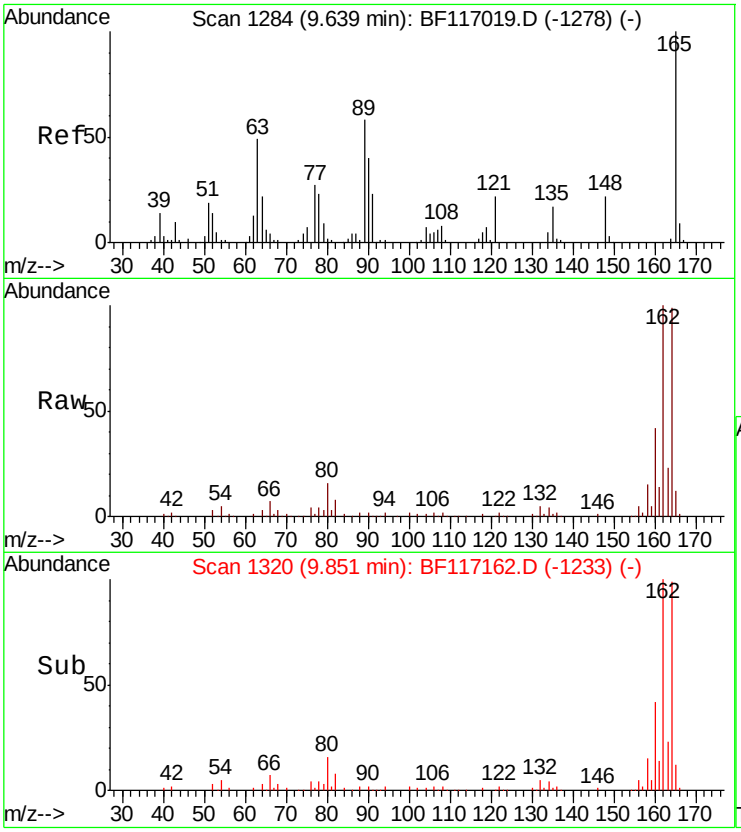


#50
Dimethylphthalate
Concen: 5.073 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:163 Resp: 51459

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.3	8.2	12.4



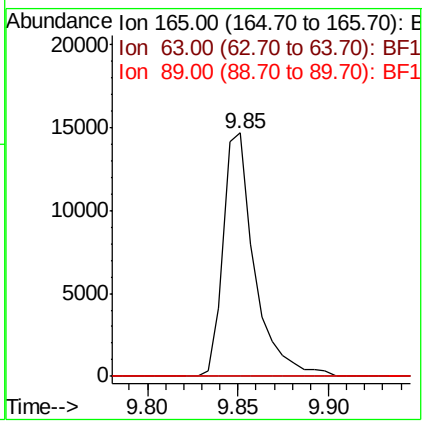


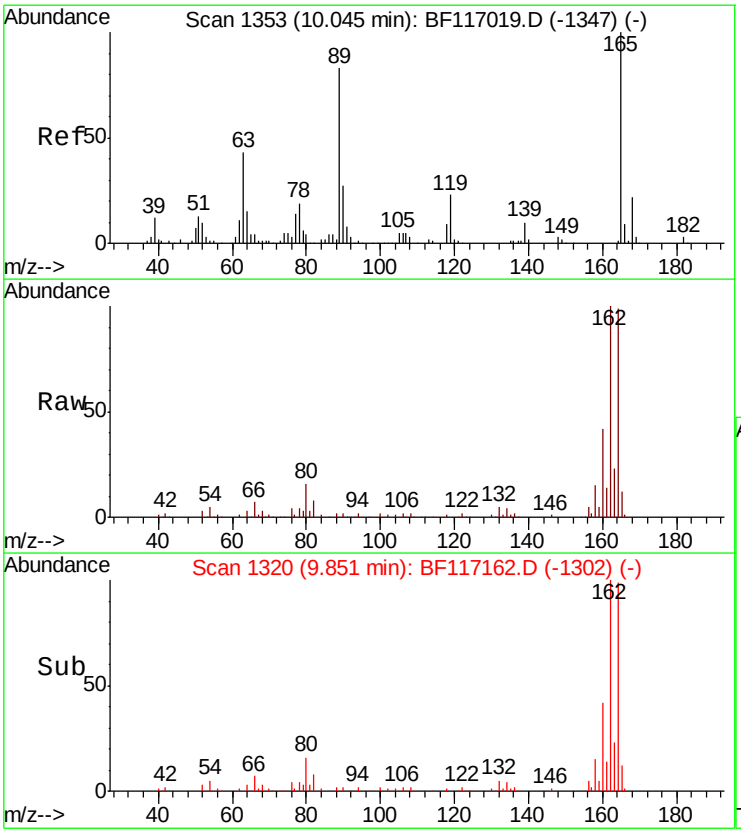
#51
2,6-Dinitrotoluene
Concen: 8.571 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17709

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

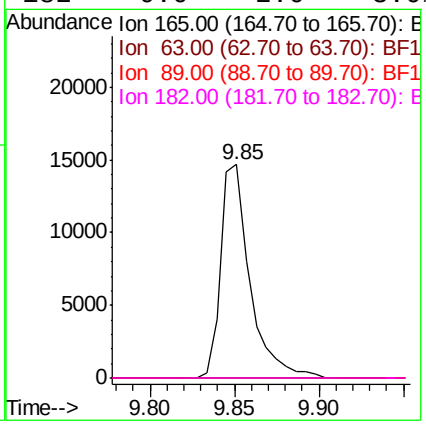


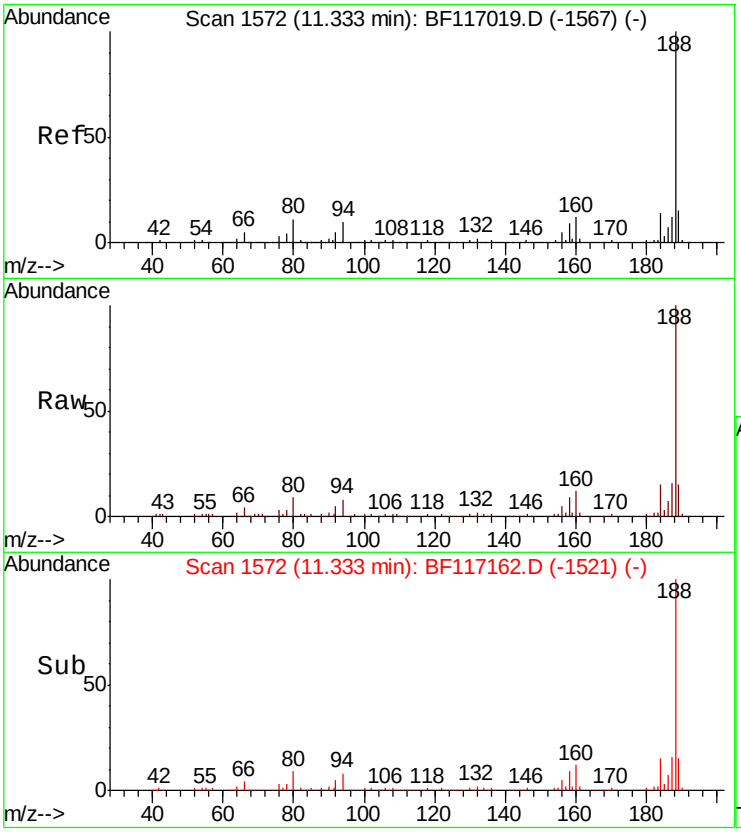


#57
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:165 Resp: 17709

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#



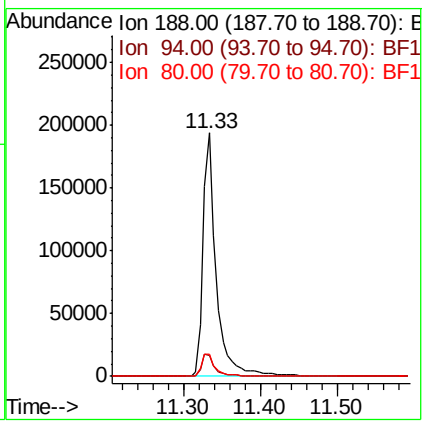


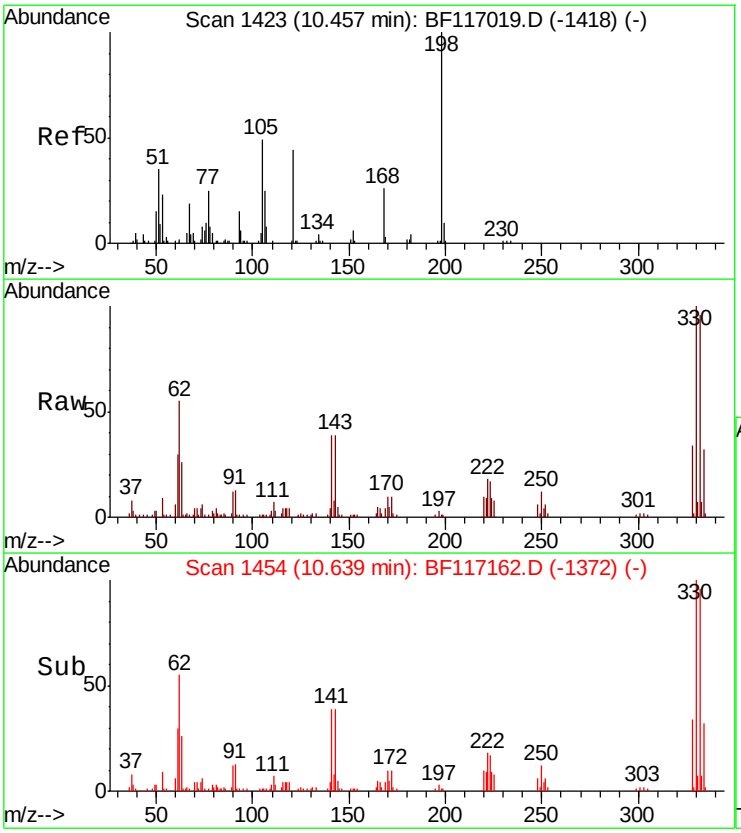
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 233177

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	9.1	9.0	13.6

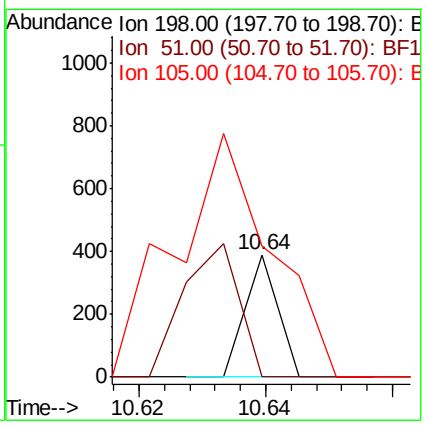


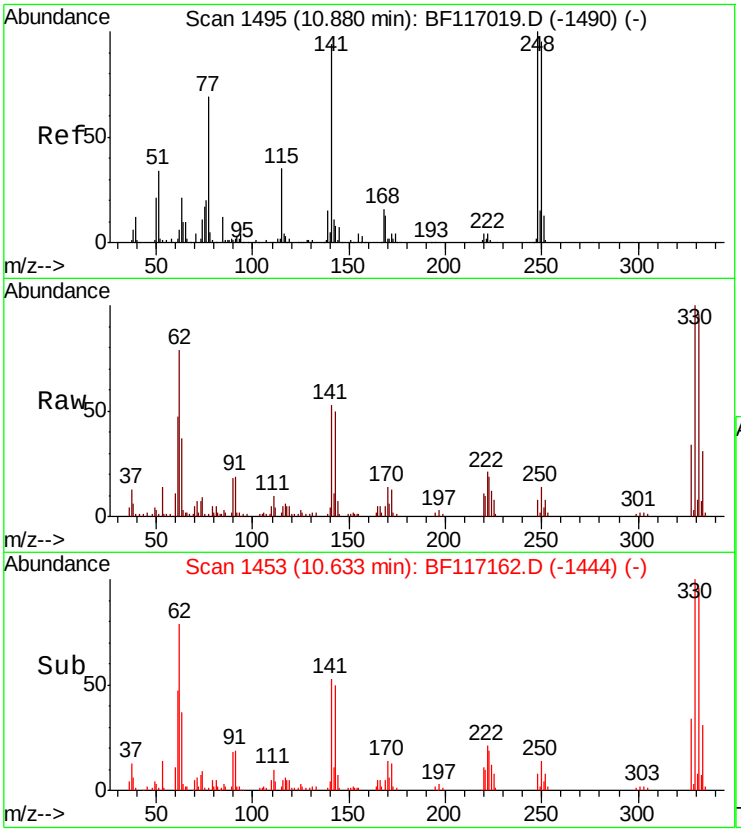


#65
4,6-Dinitro-2-methylphenol
Concen: 7.013 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:198 Resp: 137

Ion	Ratio	Lower	Upper
198	100		
51	0.0	18.7	58.7#
105	107.2	30.2	70.2#



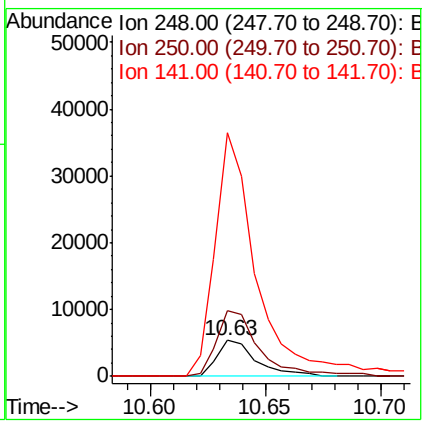


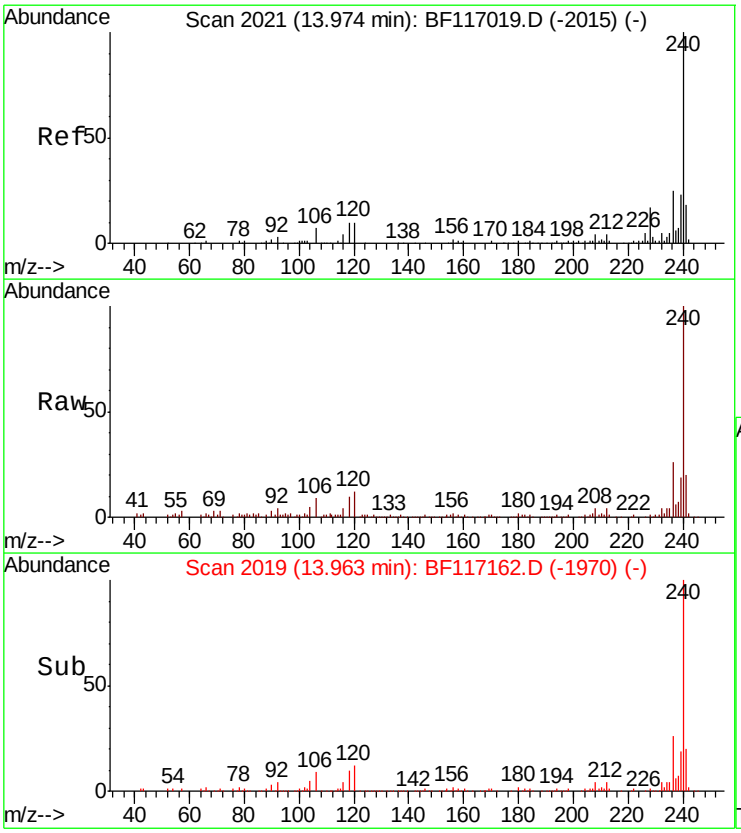
#67
4-Bromophenyl-phenylether
Concen: 2.675 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6369

Ion	Ratio	Lower	Upper
248	100		
250	181.1	76.2	114.4#
141	675.6	75.0	112.4#

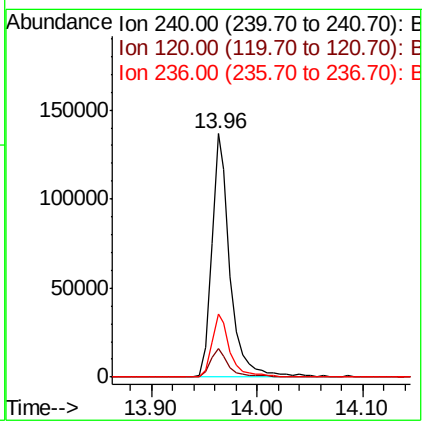


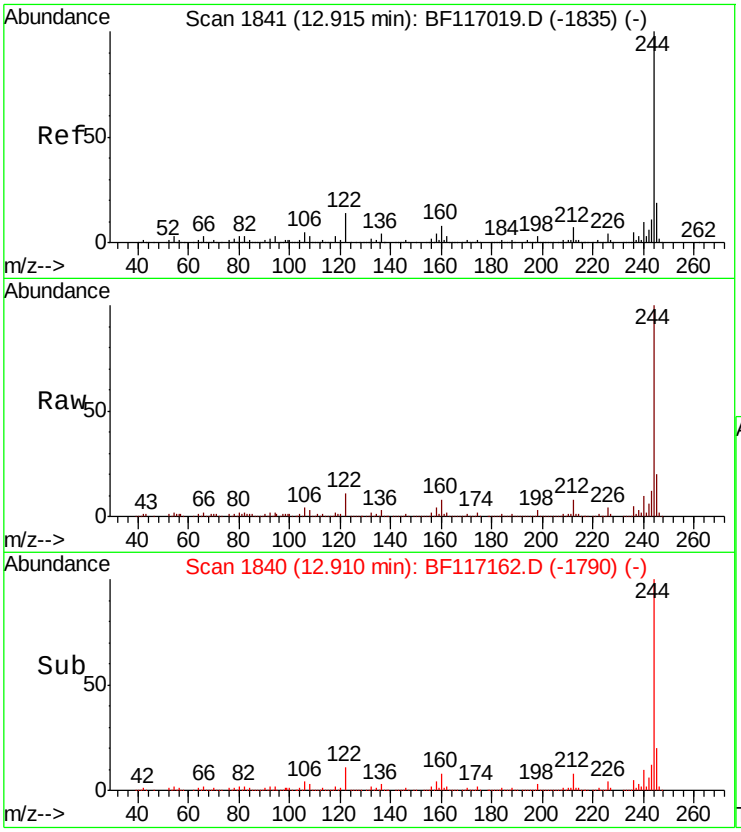


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:240 Resp: 165901

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.3	12.5
236	25.9	20.3	30.5



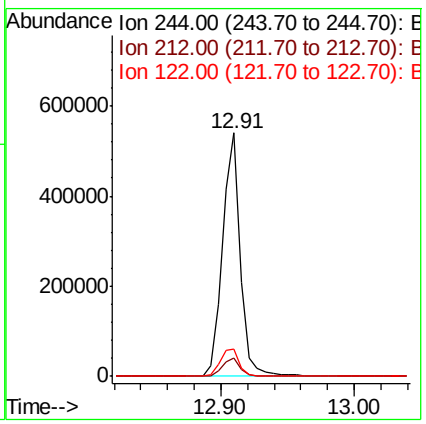


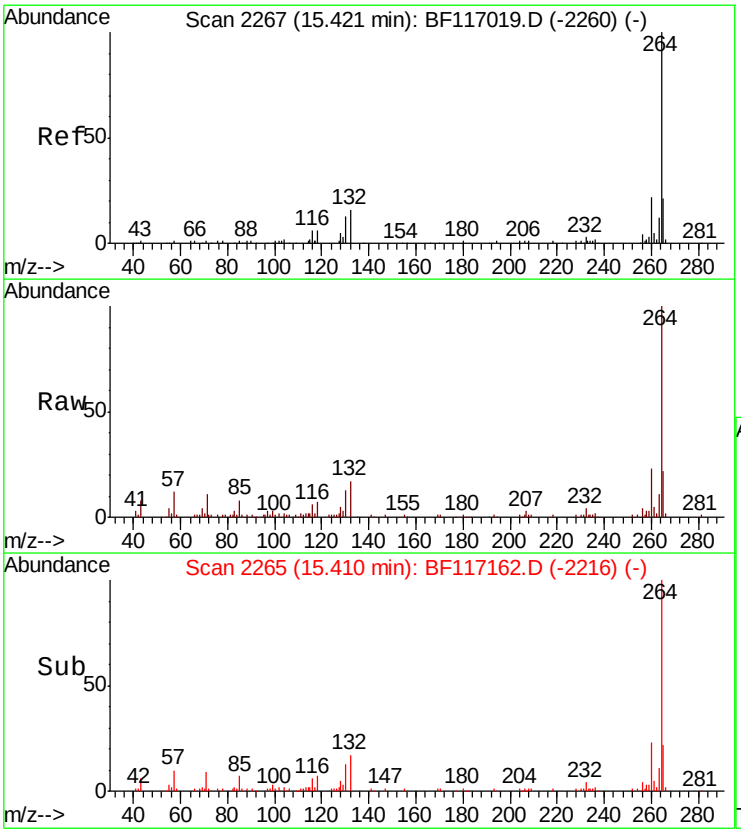
#79
Terphenyl-d14
Concen: 57.294 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 508508

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	11.3	11.3	16.9#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117162.D
Acq: 18 Sep 2019 23:07

Tgt Ion:264 Resp: 114542

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.7	16.6	24.8