Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116591.D
Acq On : 27 Aug 2019 19:12
Operator : HP/JU
Sample : K4093-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 28 06:37:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	57730	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	225006	20.00	ng		-0.01
39) Acenaphthene-d10	9.90	164	119445	20.00	ng		-0.01
64) Phenanthrene-d10	11.39	188	215572	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	151523	20.00	ng		-0.01
87) Perylene-d12	15.49	264	136373	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	443972	112.37	ng		0.00
7) Phenol-d6	6.50	99	519467	107.23	ng		0.00
23) Nitrobenzene-d5	7.43	82	426509	103.71	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	183532	178.94	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	791860	106.76	ng		-0.01
79) Terphenyl-d14	12.97	244	933346	115.06	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	59346	17.953	ng	#	76
25) Isophorone	7.43	82	426502	52.624	ng	#	67
31) Naphthalene	8.17	128	55812	5.128	ng		98
51) 2,6-Dinitrotoluene	9.90	165	15304	8.972	ng	#	26
56) 4-Nitrophenol	10.10	139	3640	2.303	ng	#	5
57) 2,4-Dinitrotoluene	9.90	165	15304	7.051	ng	#	21
65) 4,6-Dinitro-2-methylphenol	10.69	198	331	7.325	ng	#	1
67) 4-Bromophenyl-phenylether	10.69	248	12798	5.663	ng	#	1
71) Phenanthrene	11.41	178	24899	2.120	ng		95
73) Carbazole	11.61	167	26684	2.519	ng		99
77) Benzidine	12.97	184	14176	2.325	ng	#	94

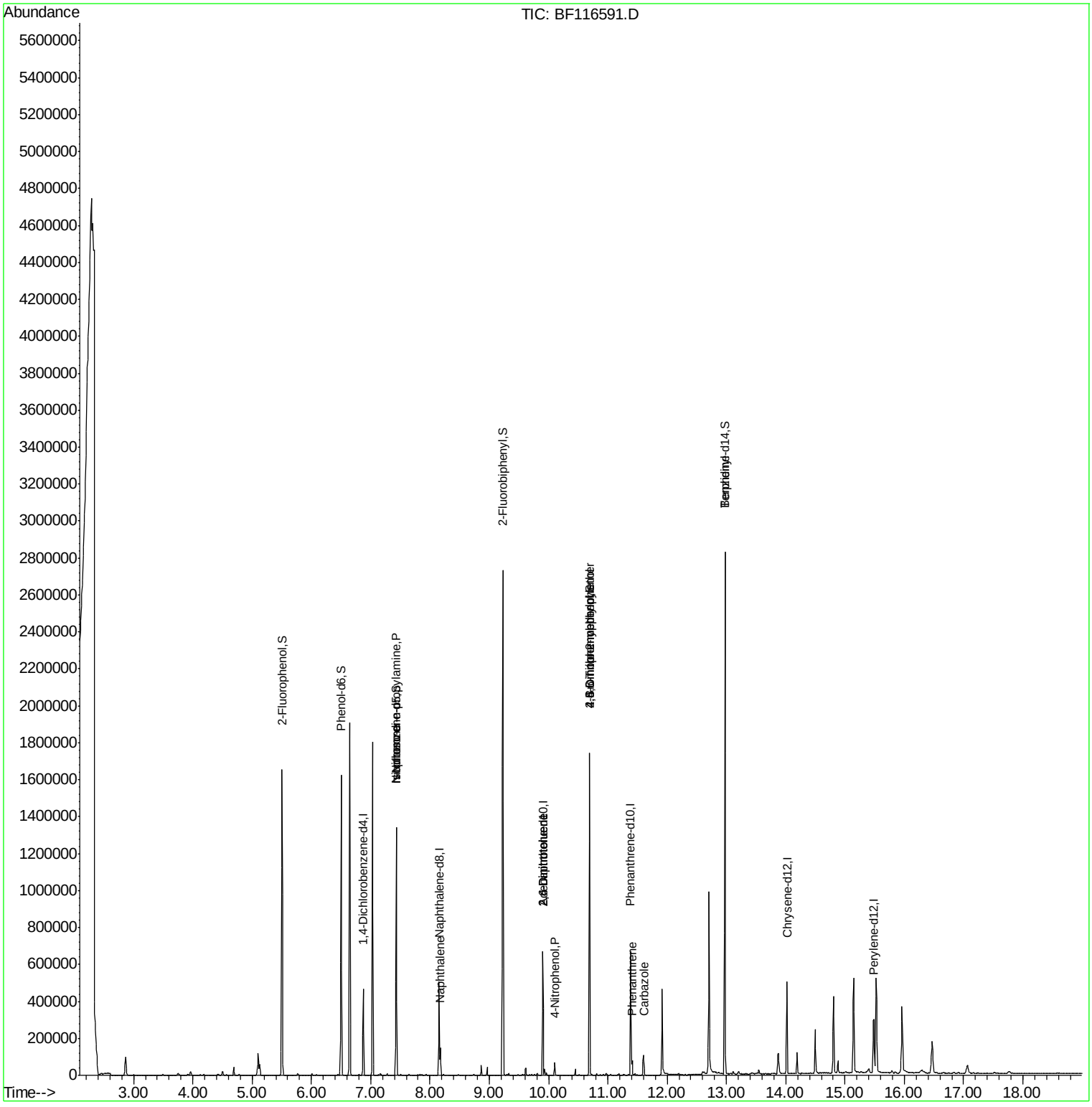
(#) = qualifier out of range (m) = manual integration (+) = signals summed

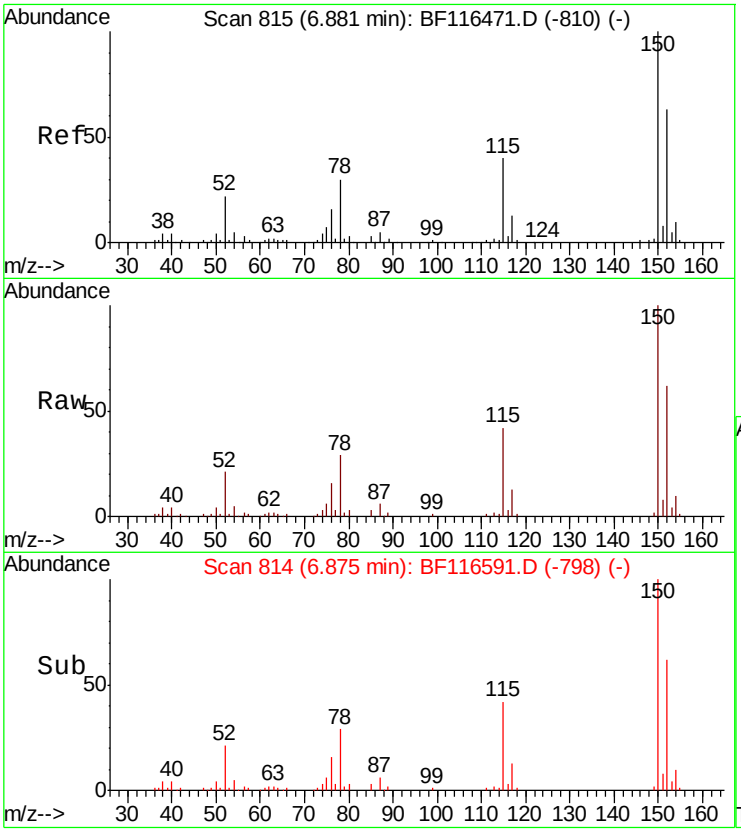
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
Data File : BF116591.D
Acq On : 27 Aug 2019 19:12
Operator : HP/JU
Sample : K4093-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 28 06:37:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration



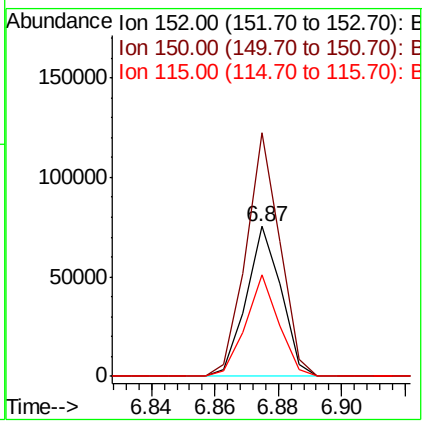


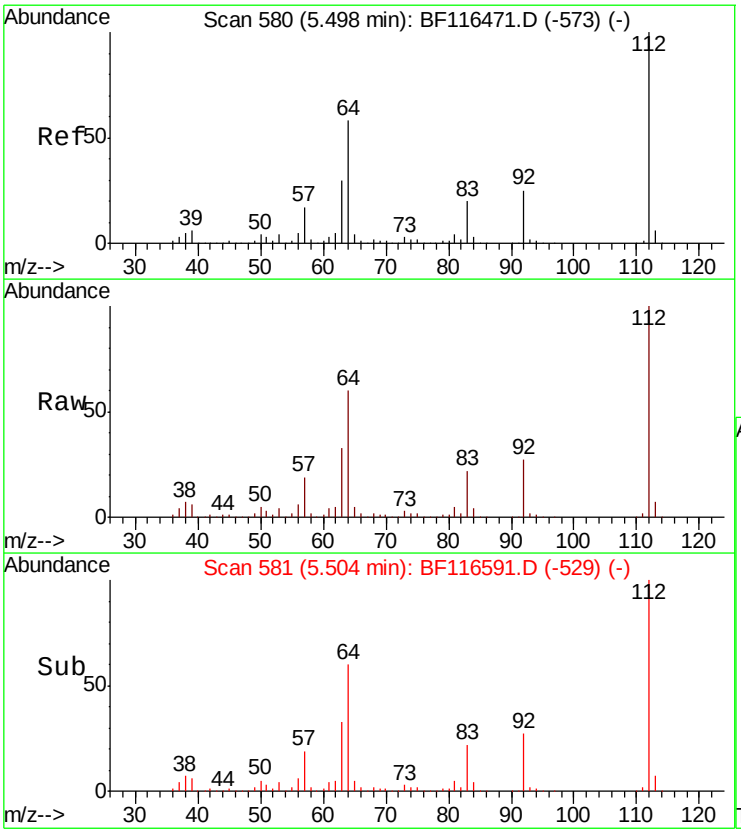
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 57730

Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.7	190.1
115	67.4	50.9	76.3

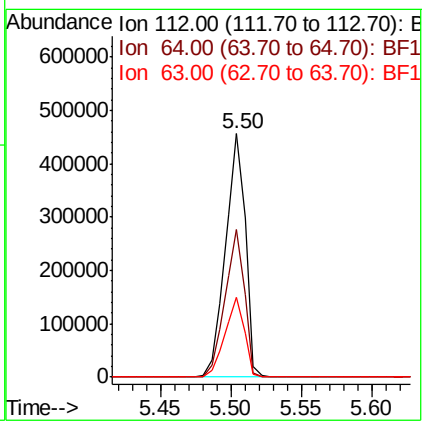


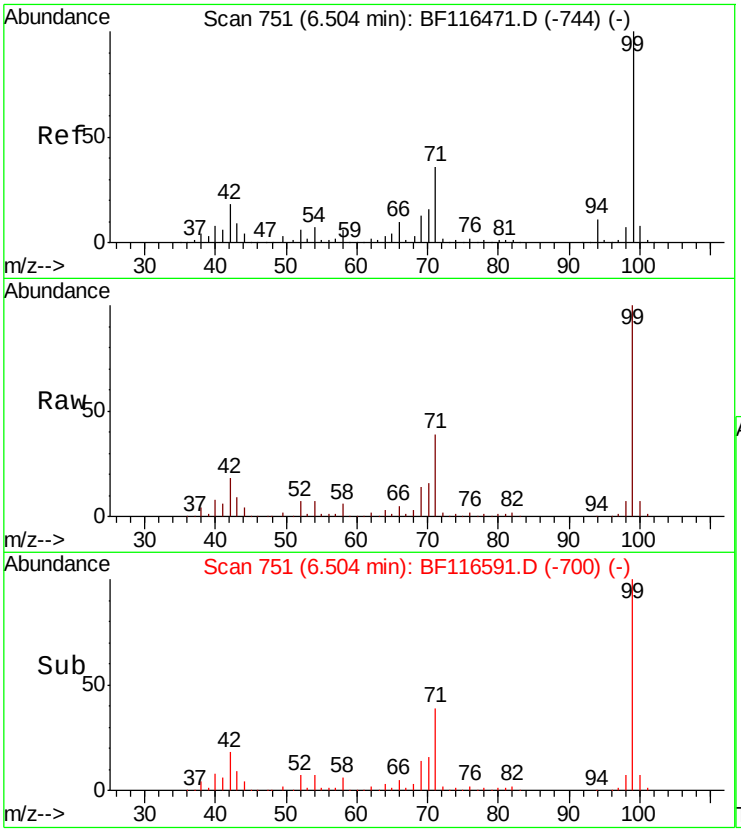


#5
2-Fluorophenol
Concen: 112.369 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:112 Resp: 443972

Ion	Ratio	Lower	Upper
112	100		
64	60.4	46.3	69.5
63	33.0	24.2	36.4



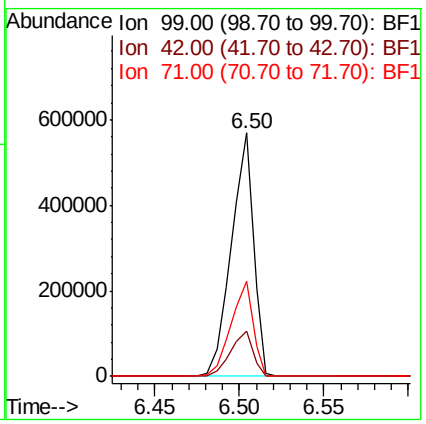


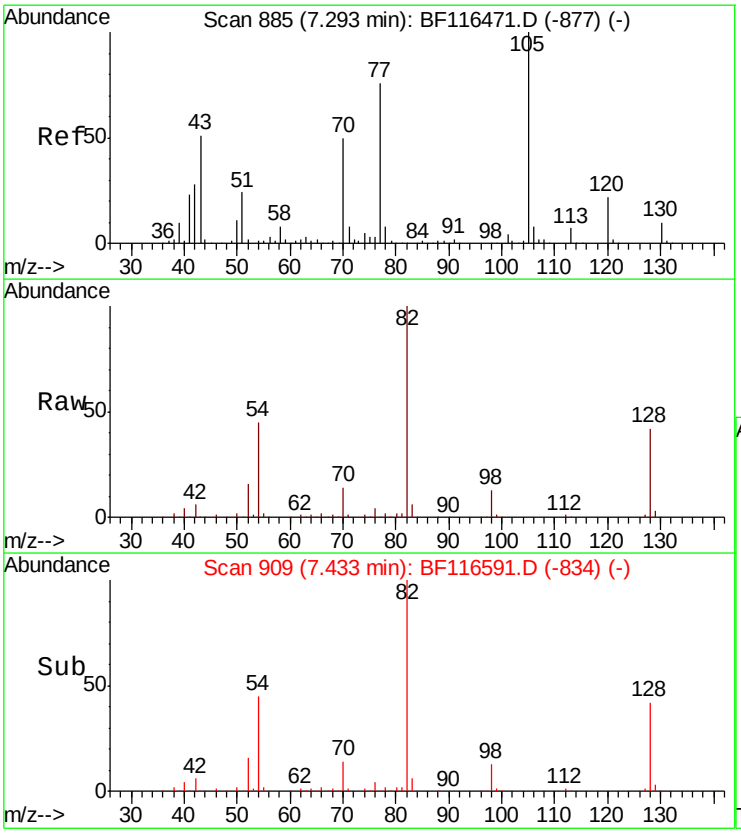
#7
Phenol-d6
Concen: 107.228 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 519467

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	21.8
71	38.8	28.5	42.7

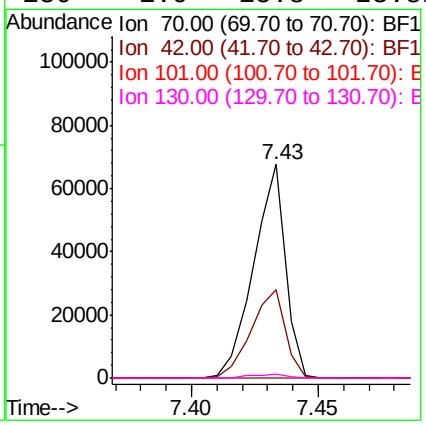


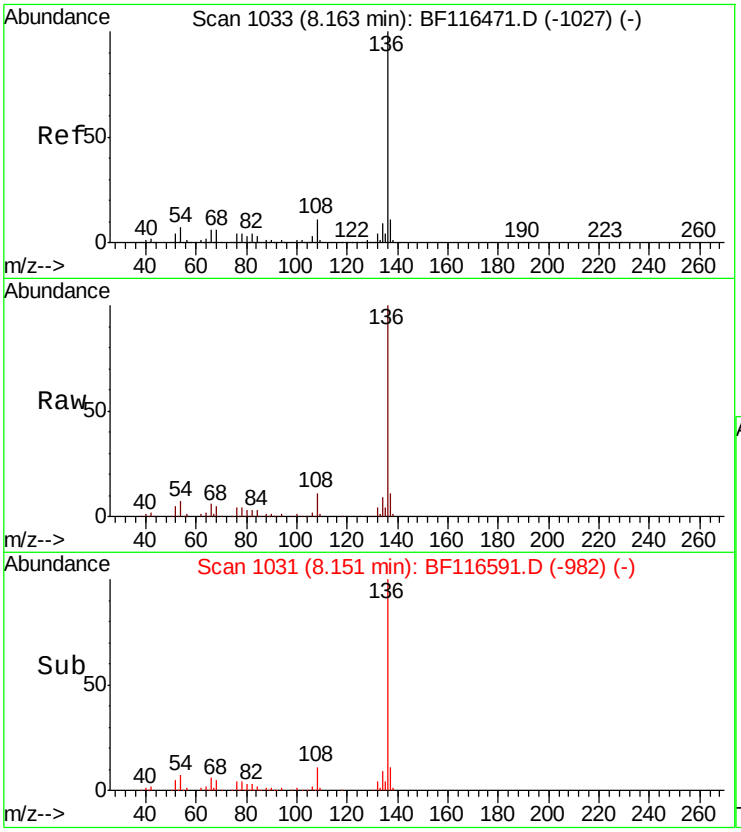


#19
n-Nitroso-di-n-propylamine
Concen: 17.953 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion: 70 Resp: 59346

Ion	Ratio	Lower	Upper
70	100		
42	41.6	44.4	66.6#
101	0.0	7.1	10.7#
130	1.9	15.8	23.8#



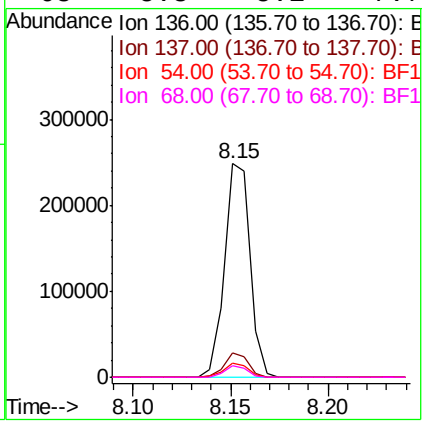


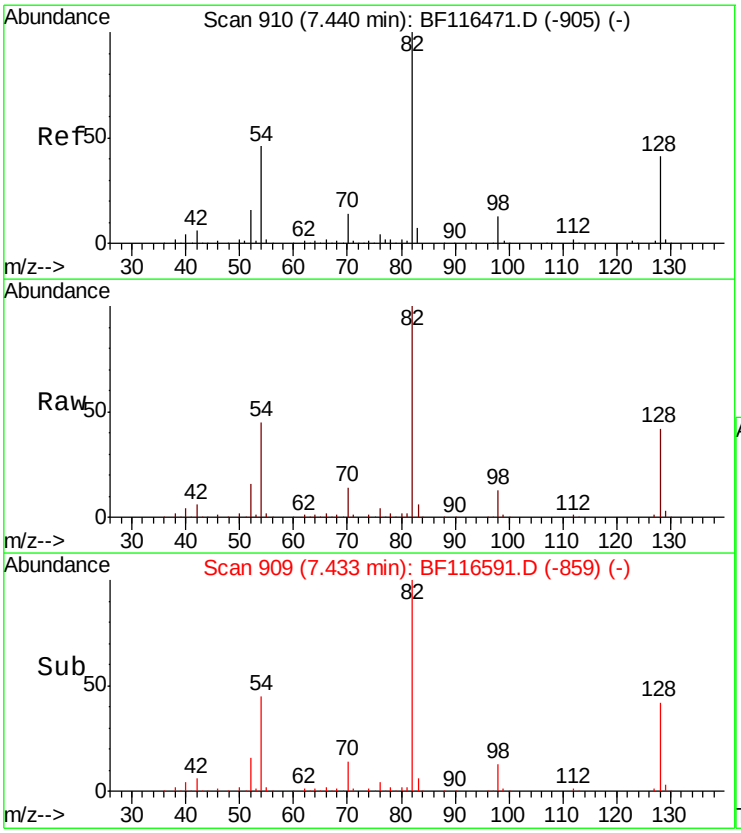
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 225006

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	6.9	5.8	8.6
68	5.3	5.1	7.7

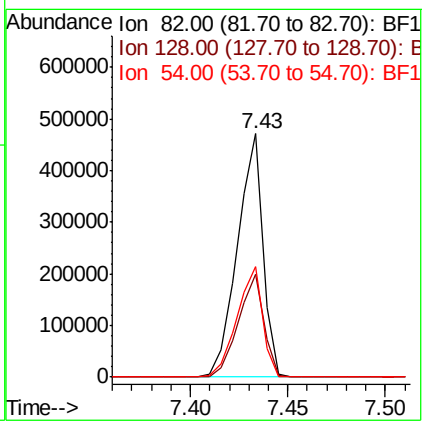


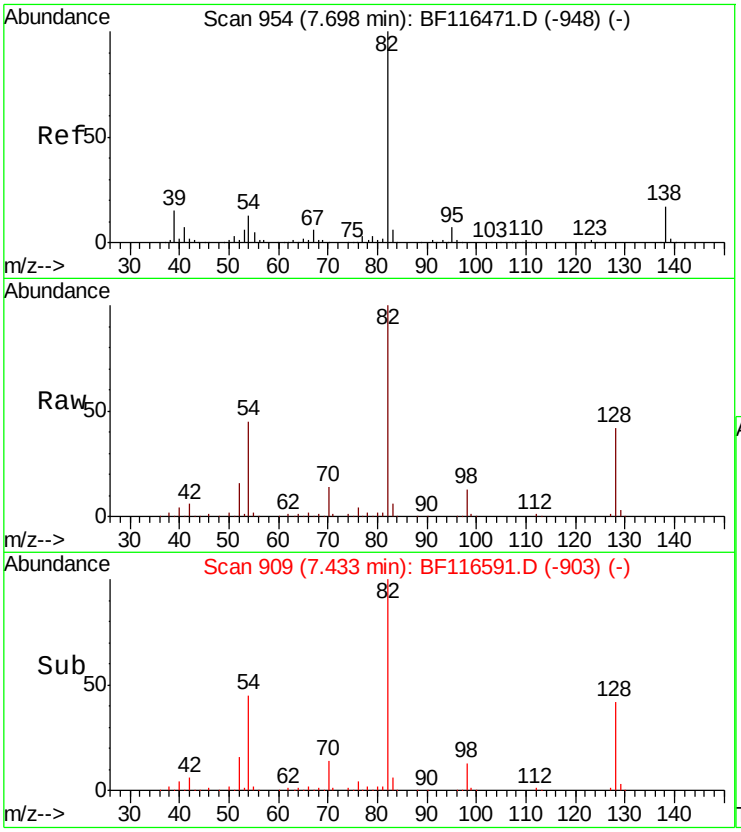


#23
Nitrobenzene-d5
Concen: 103.705 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion: 82 Resp: 426509

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.2	48.4
54	45.3	36.5	54.7



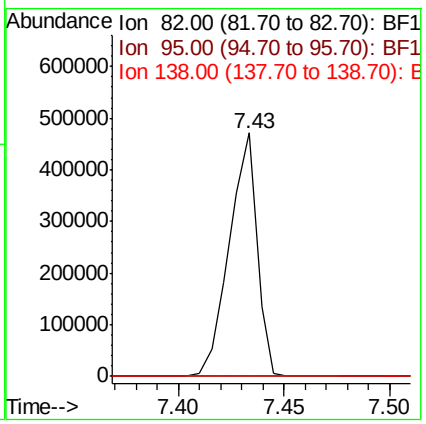


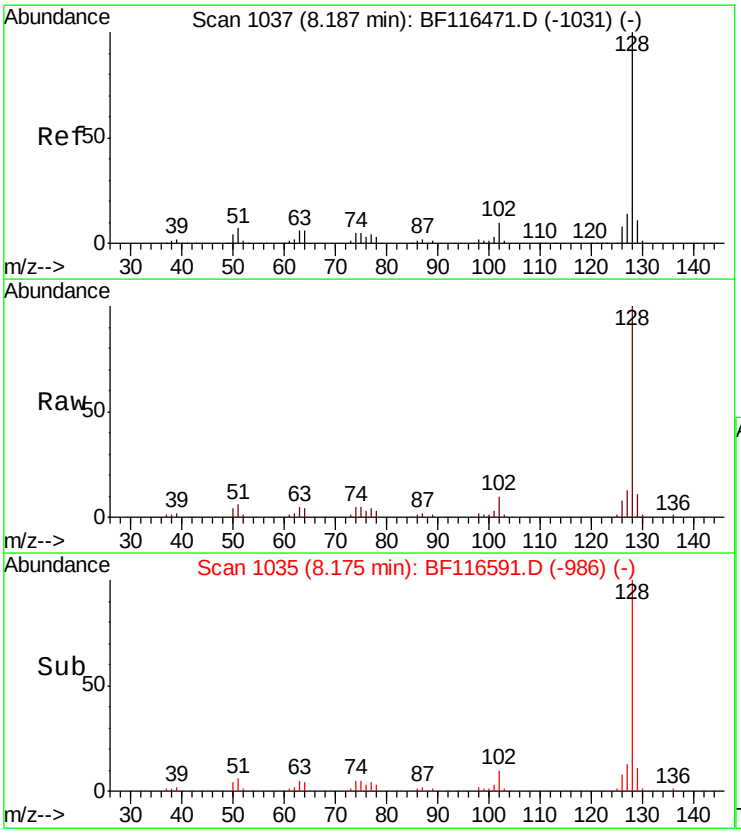
#25
Isophorone
Concen: 52.624 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 426502

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.3	19.9#

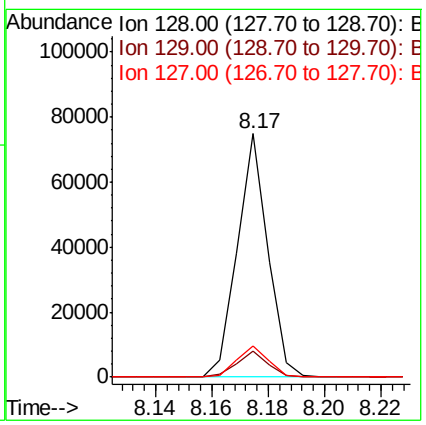


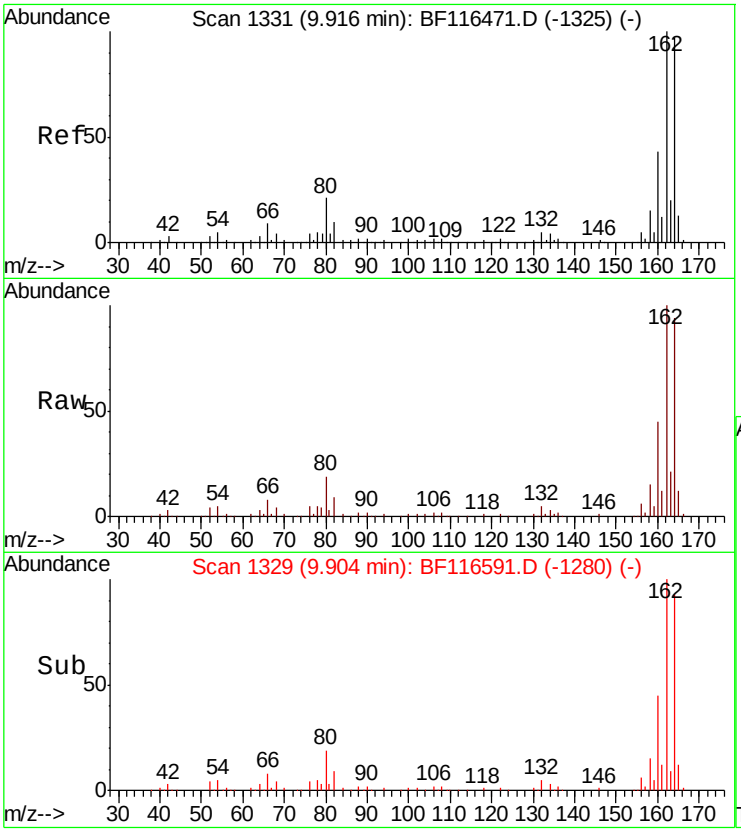


#31
Naphthalene
Concen: 5.128 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:128 Resp: 55812

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.8	10.9	16.3



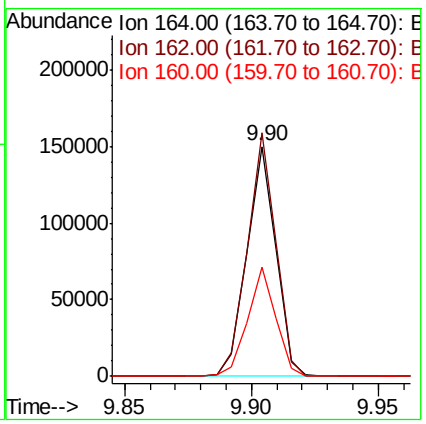


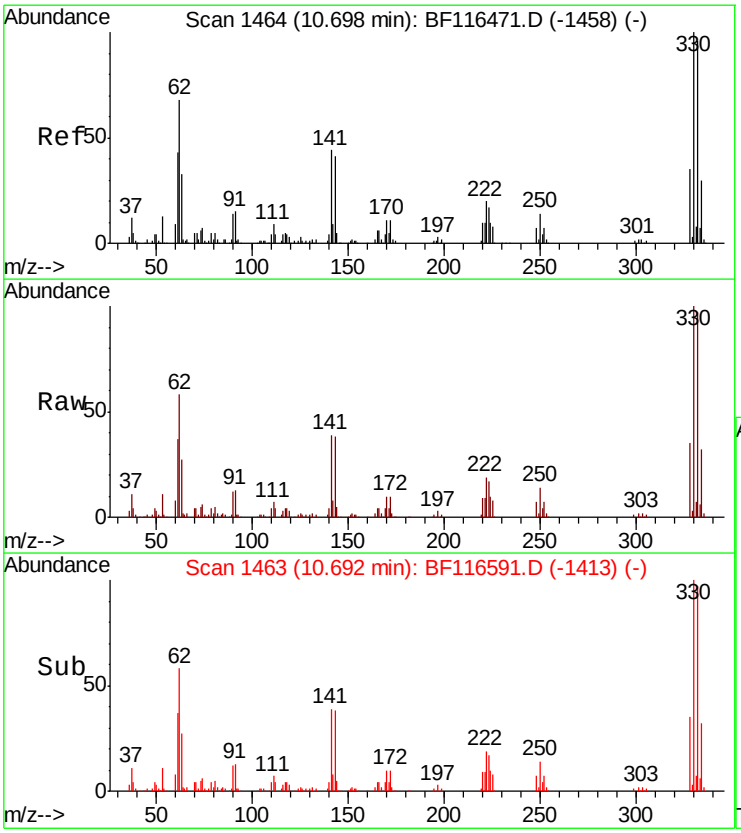
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 119445

Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.6	123.8
160	47.3	35.8	53.8

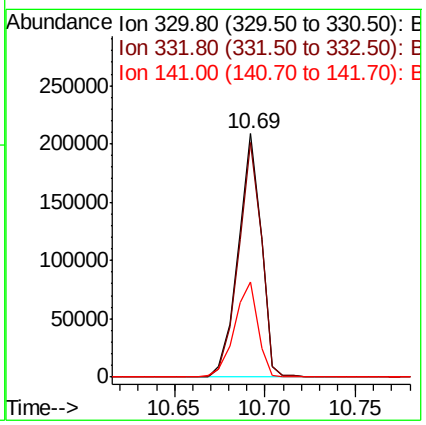


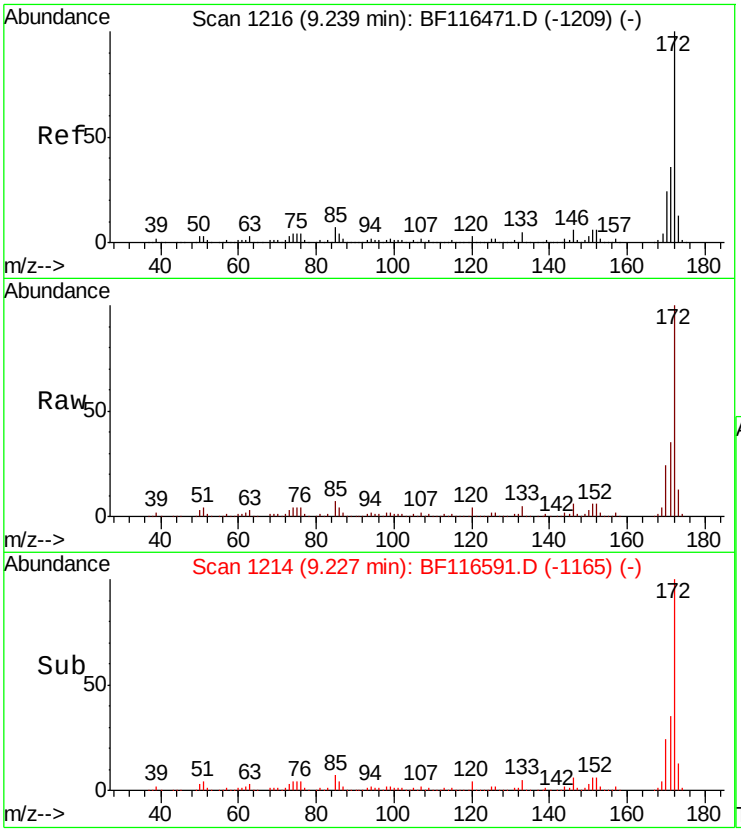


#42
2,4,6-Tribromophenol
Concen: 178.944 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:330 Resp: 183532

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	39.9	33.3	49.9



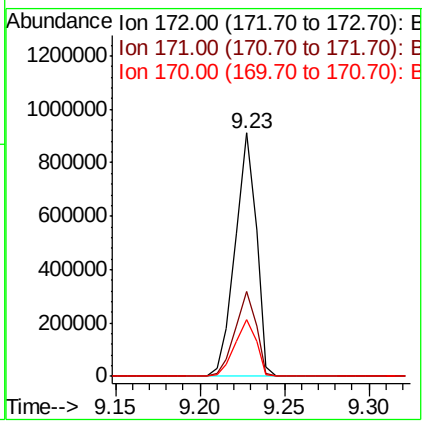


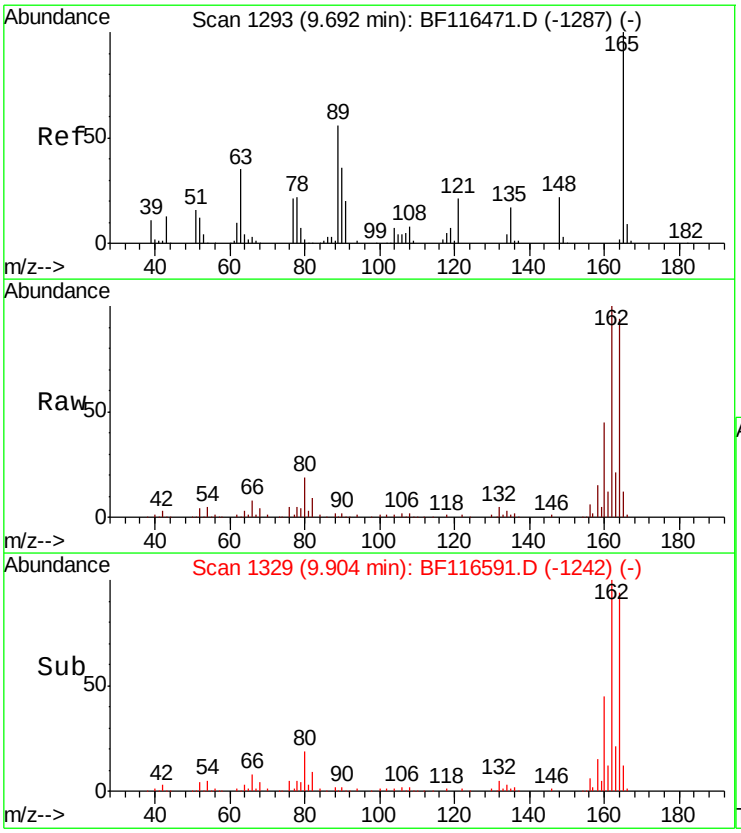
#45
2-Fluorobiphenyl
Concen: 106.762 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 791860

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.5	19.4	29.0

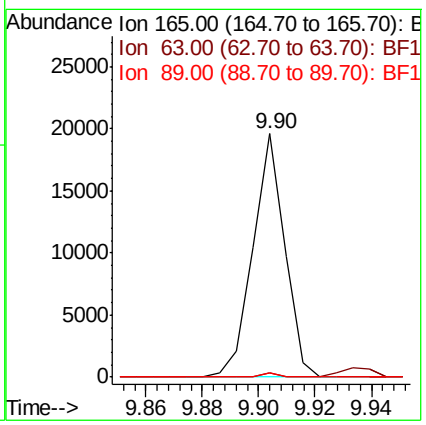


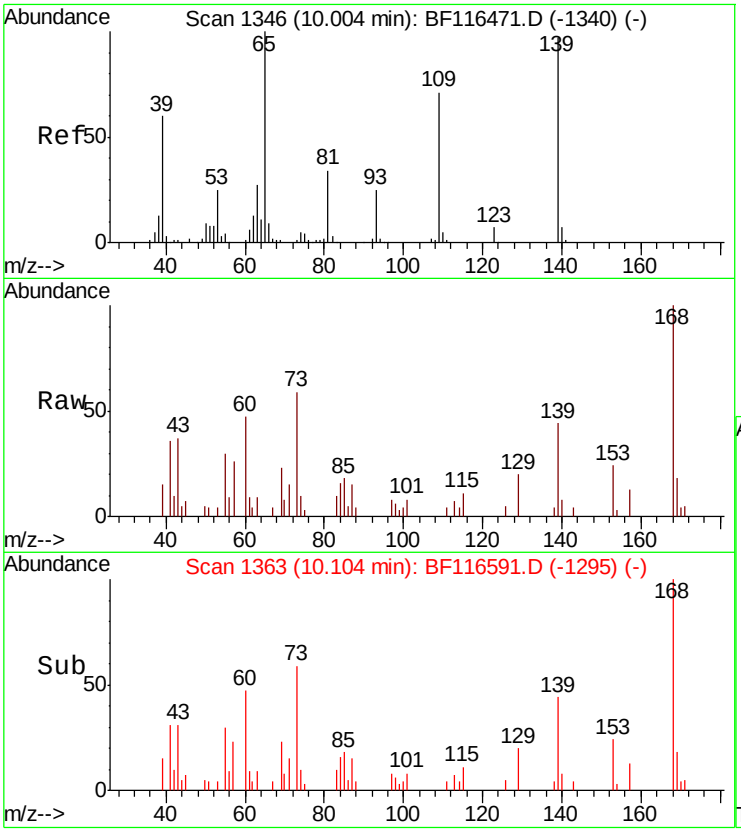


#51
2,6-Dinitrotoluene
Concen: 8.972 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.21 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:165 Resp: 15304

Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.7	65.5#
89	1.8	45.1	67.7#



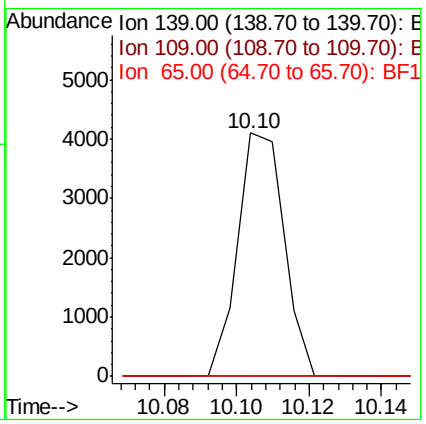


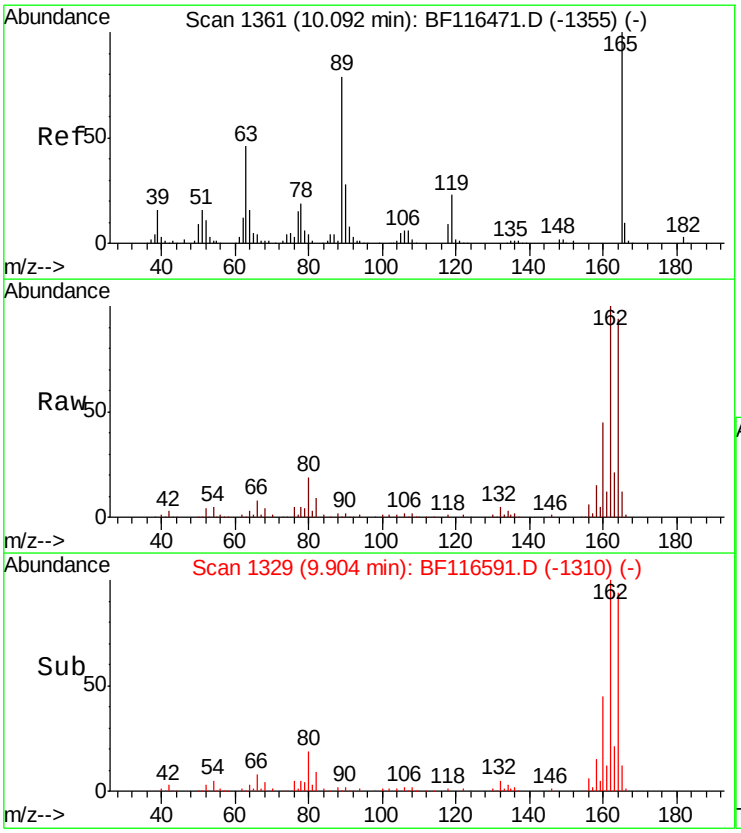
#56
4-Nitrophenol
Concen: 2.303 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.10 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3640

Ion	Ratio	Lower	Upper
139	100		
109	0.0	53.4	93.4#
65	0.0	83.0	123.0#

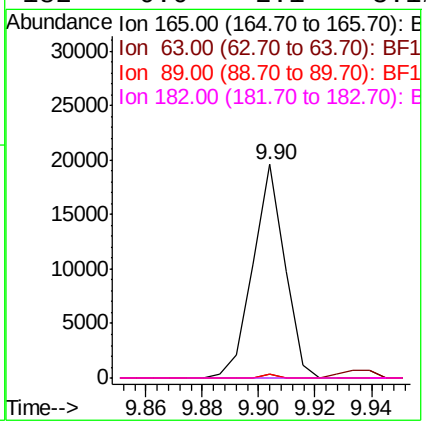


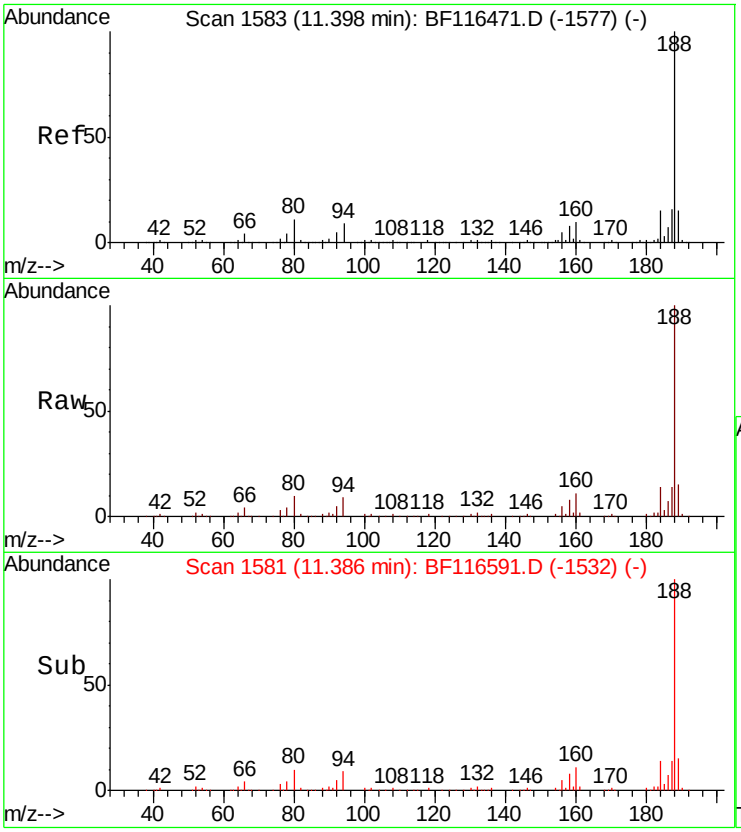


#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:165 Resp: 15304

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.9	55.3#
89	1.8	63.4	95.0#
182	0.0	2.1	3.1#



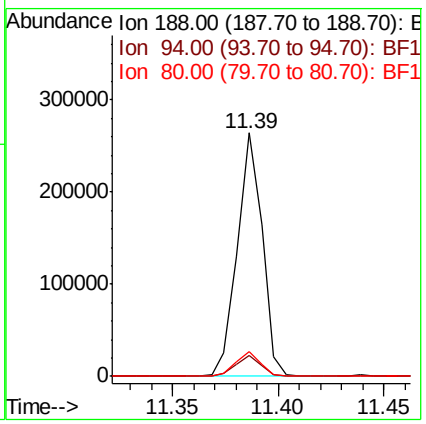


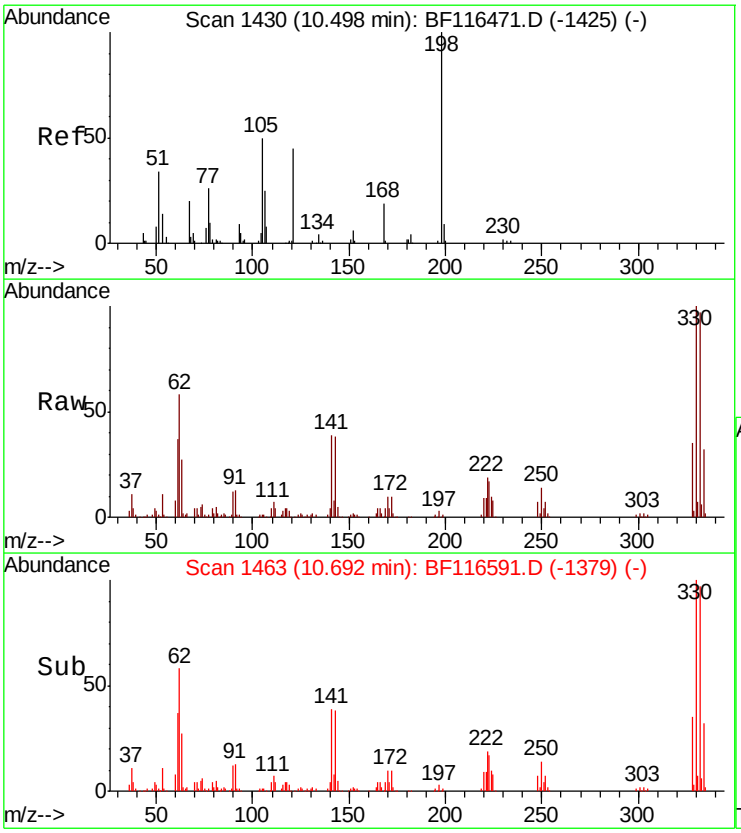
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 215572

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	10.0	8.6	12.8

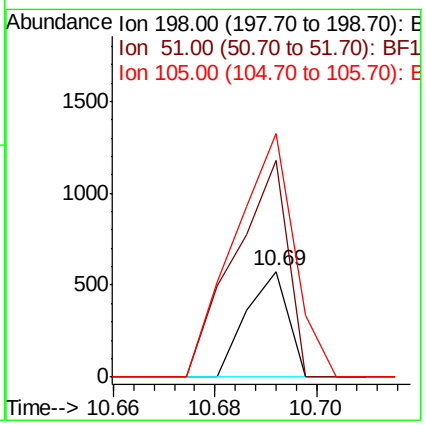


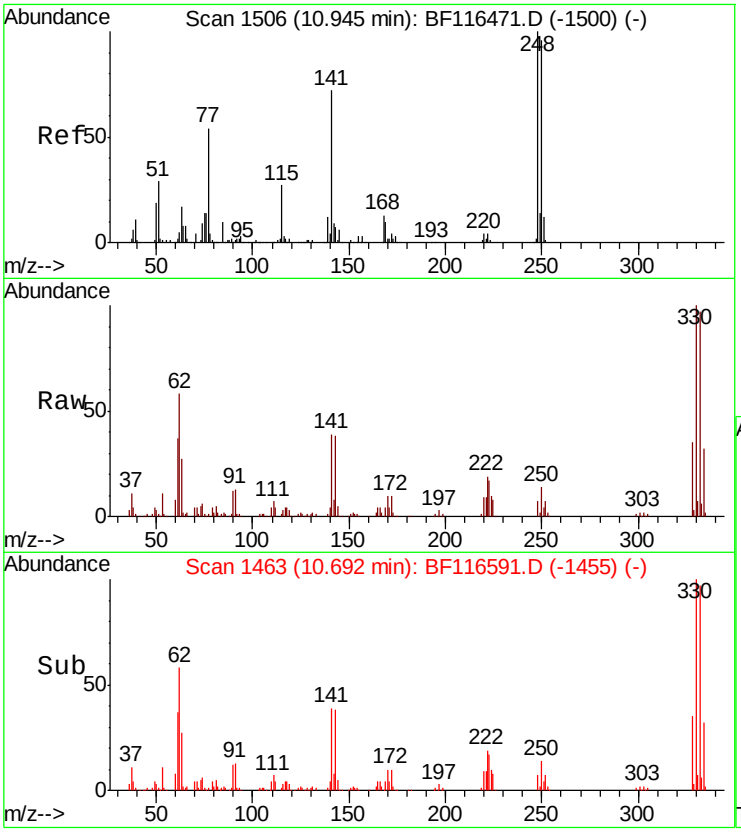


#65
4,6-Dinitro-2-methylphenol
Concen: 7.325 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.19 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:198 Resp: 331

Ion	Ratio	Lower	Upper
198	100		
51	204.7	30.4	70.4#
105	230.3	32.8	72.8#



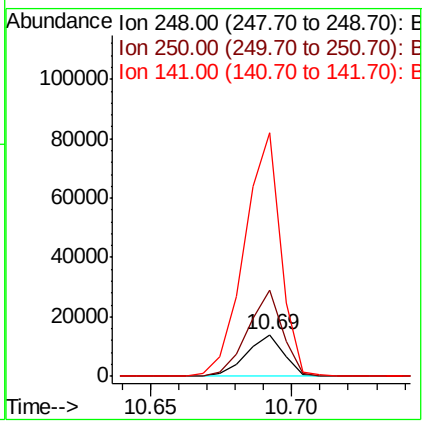


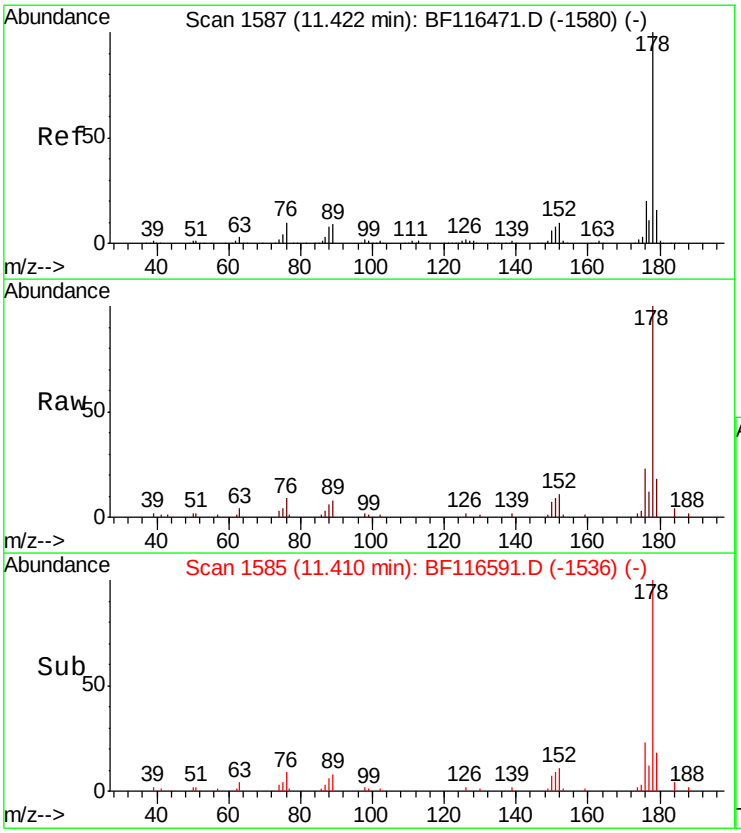
#67
4-Bromophenyl-phenylether
Concen: 5.663 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.25 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 12798

Ion	Ratio	Lower	Upper
248	100		
250	206.6	77.0	115.6#
141	586.6	57.4	86.0#

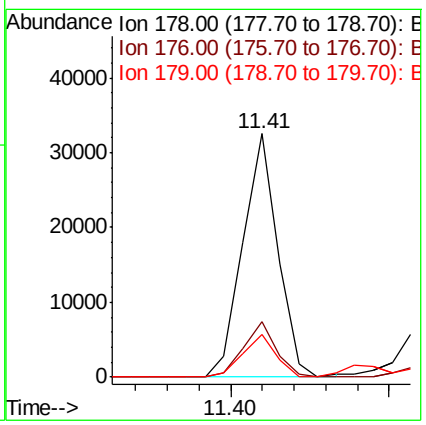


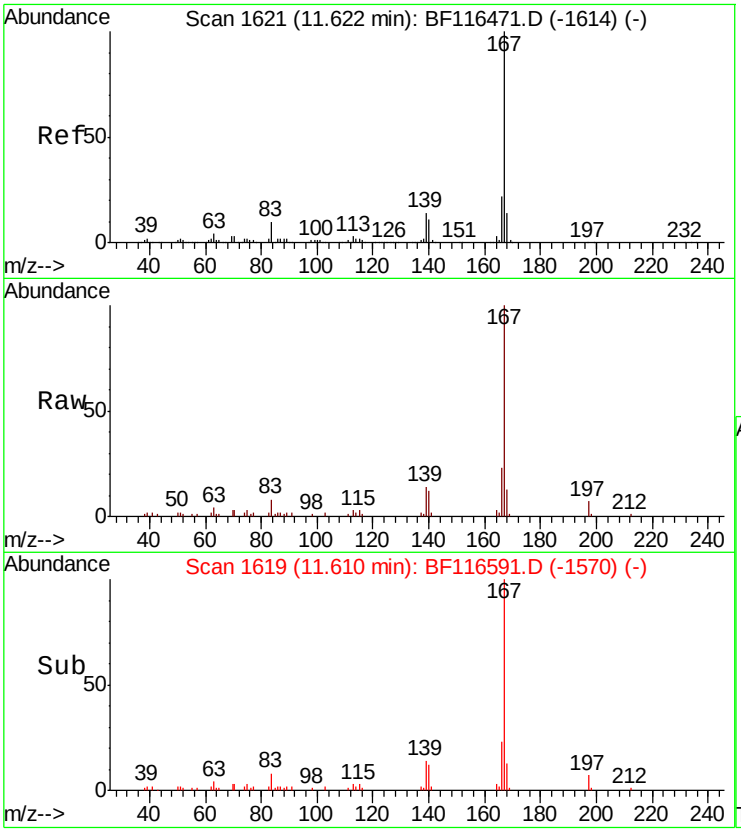


#71
Phenanthrene
Concen: 2.120 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:178 Resp: 24899

Ion	Ratio	Lower	Upper
178	100		
176	22.6	15.8	23.6
179	17.6	12.8	19.2



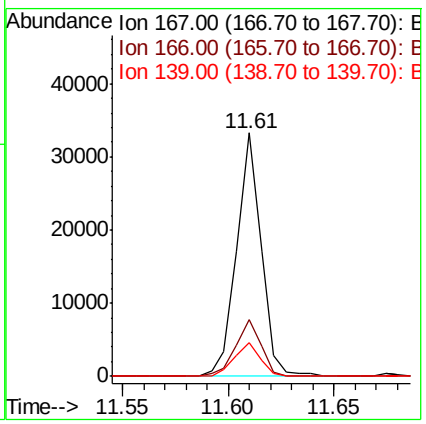


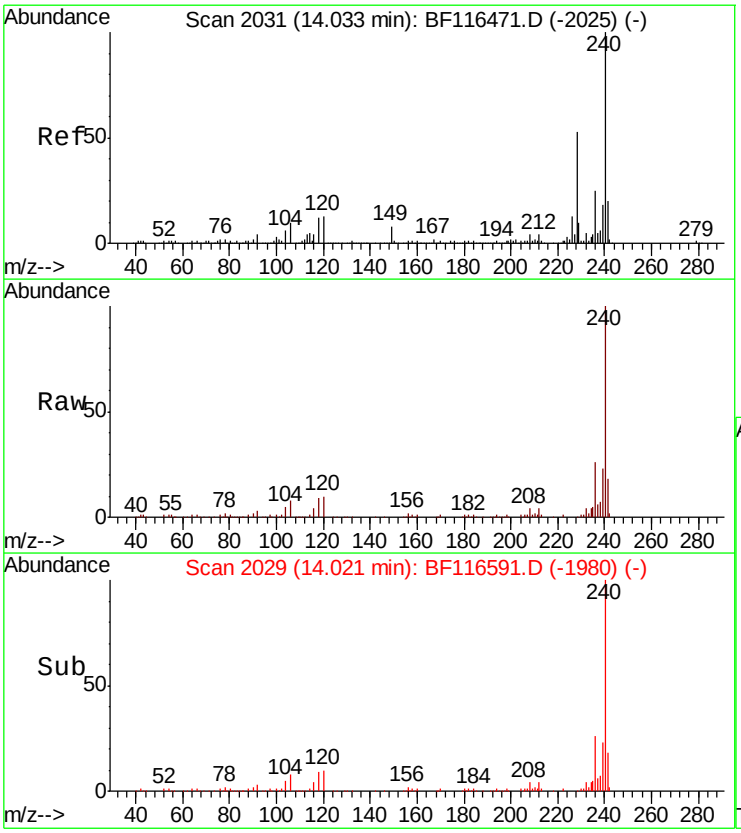
#73
Carbazole
Concen: 2.519 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 26684

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.8	26.6
139	13.7	10.9	16.3

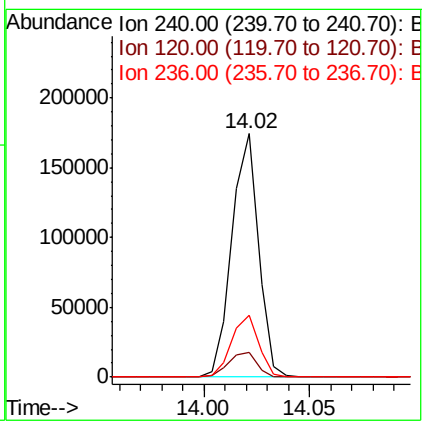


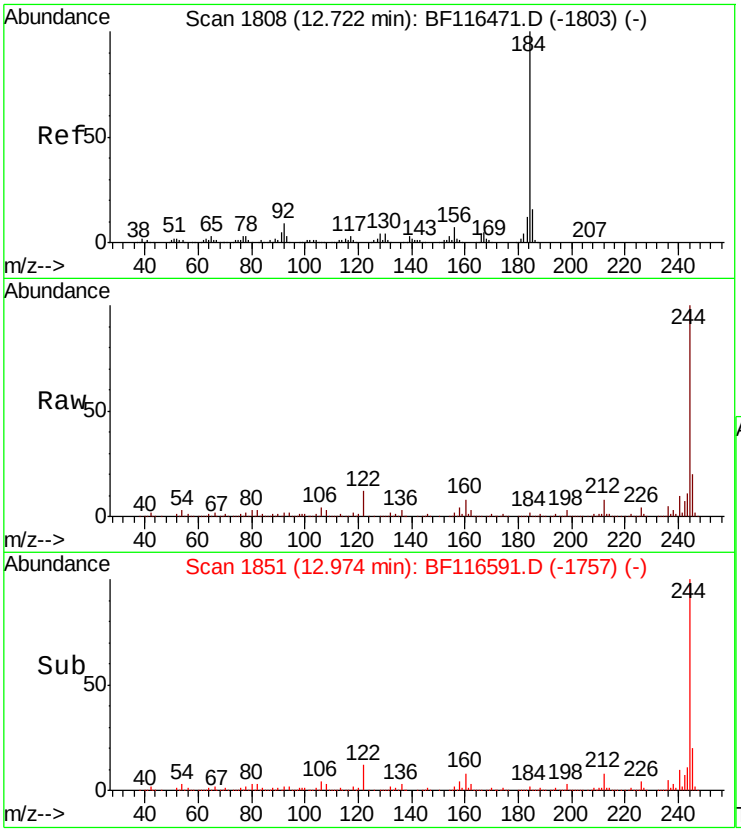


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:240 Resp: 151523

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.5	15.7#
236	25.6	20.2	30.2



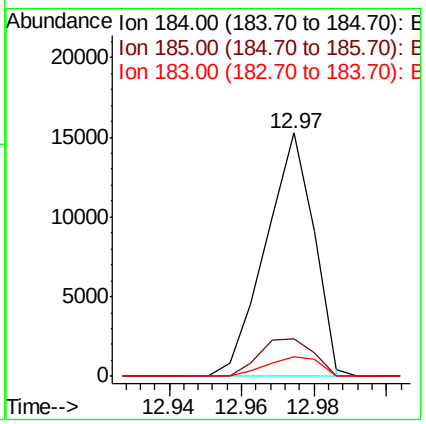


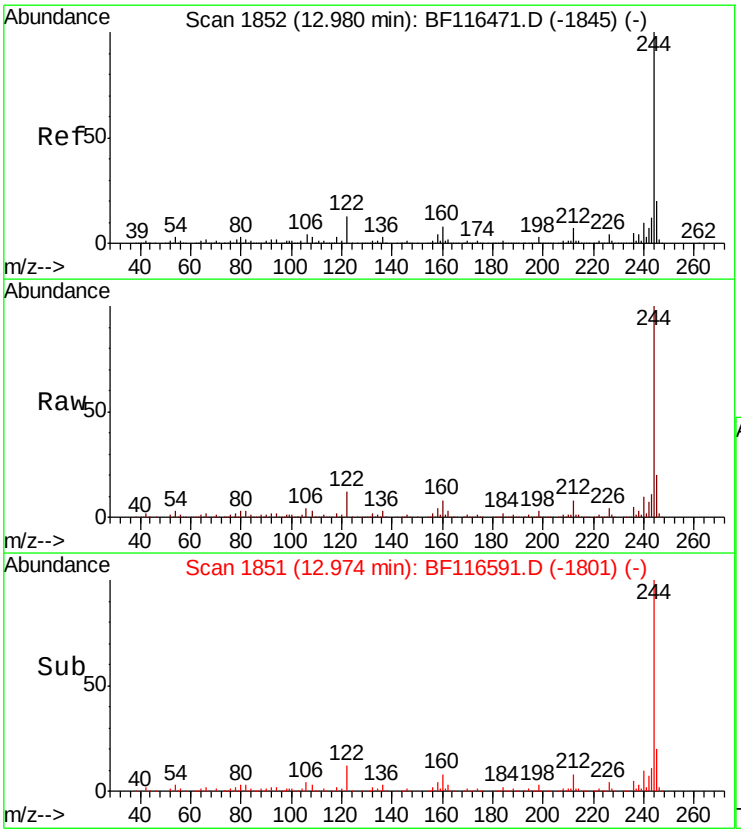
#77
Benzidine
Concen: 2.325 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.25 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 14176

Ion	Ratio	Lower	Upper
184	100		
185	15.2	13.0	19.4
183	8.0	9.8	14.6#

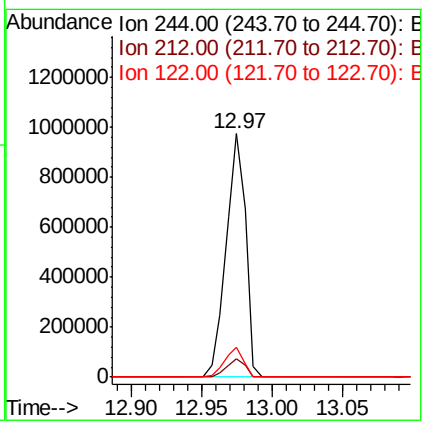


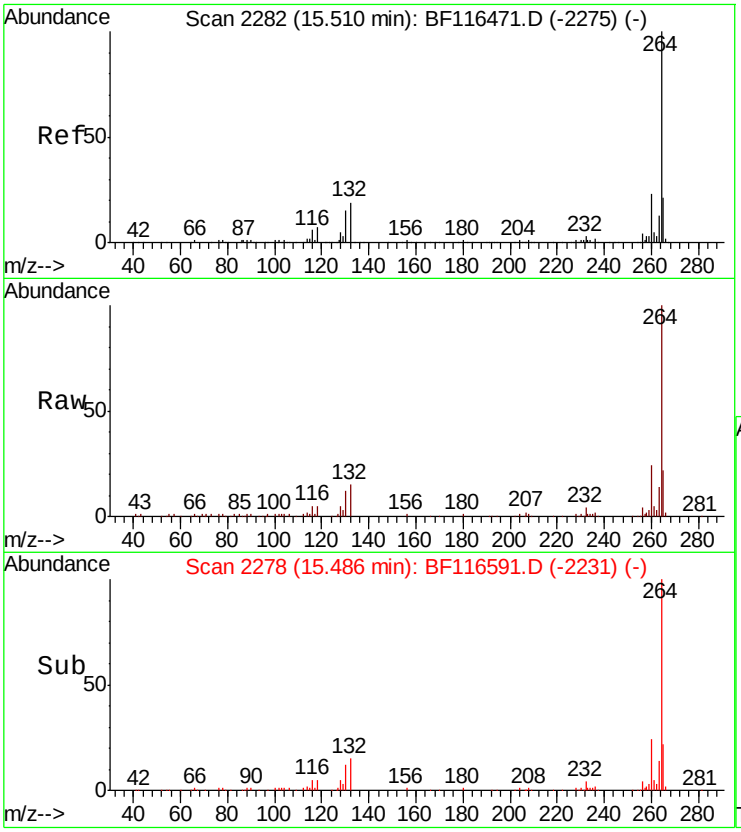


#79
Terphenyl-d14
Concen: 115.058 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Tgt Ion:244 Resp: 933346

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.7	8.5
122	12.3	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF116591.D
Acq: 27 Aug 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 136373

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.6	17.1	25.7