Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115213.D
Acq On : 26 Jun 2019 11:08
Operator : HP/JU
Sample : K3482-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 26 12:13:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	255746	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	953403	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	482477	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	960737	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	800139	20.00	ng	-0.02
87) Perylene-d12	15.09	264	730108	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1636165	98.73	ng	0.02
7) Phenol-d6	6.25	99	1751718	87.08	ng	0.00
23) Nitrobenzene-d5	7.17	82	1447520	93.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	697700	137.13	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	2626935	92.48	ng	-0.01
79) Terphenyl-d14	12.69	244	3087905	82.05	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	192804	14.971	ng	# 76
25) Isophorone	7.17	82	1428726	45.000	ng	# 63
31) Naphthalene	7.91	128	99344	2.123	ng	98
51) 2,6-Dinitrotoluene	9.64	165	62029	7.569	ng	# 29
57) 2,4-Dinitrotoluene	9.64	165	62029	5.862	ng	# 30
58) Fluorene	10.18	166	13442	Below Cal		# 91
65) 4,6-Dinitro-2-methylphenol	10.42	198	1496	5.222	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	43987	4.223	ng	# 1

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

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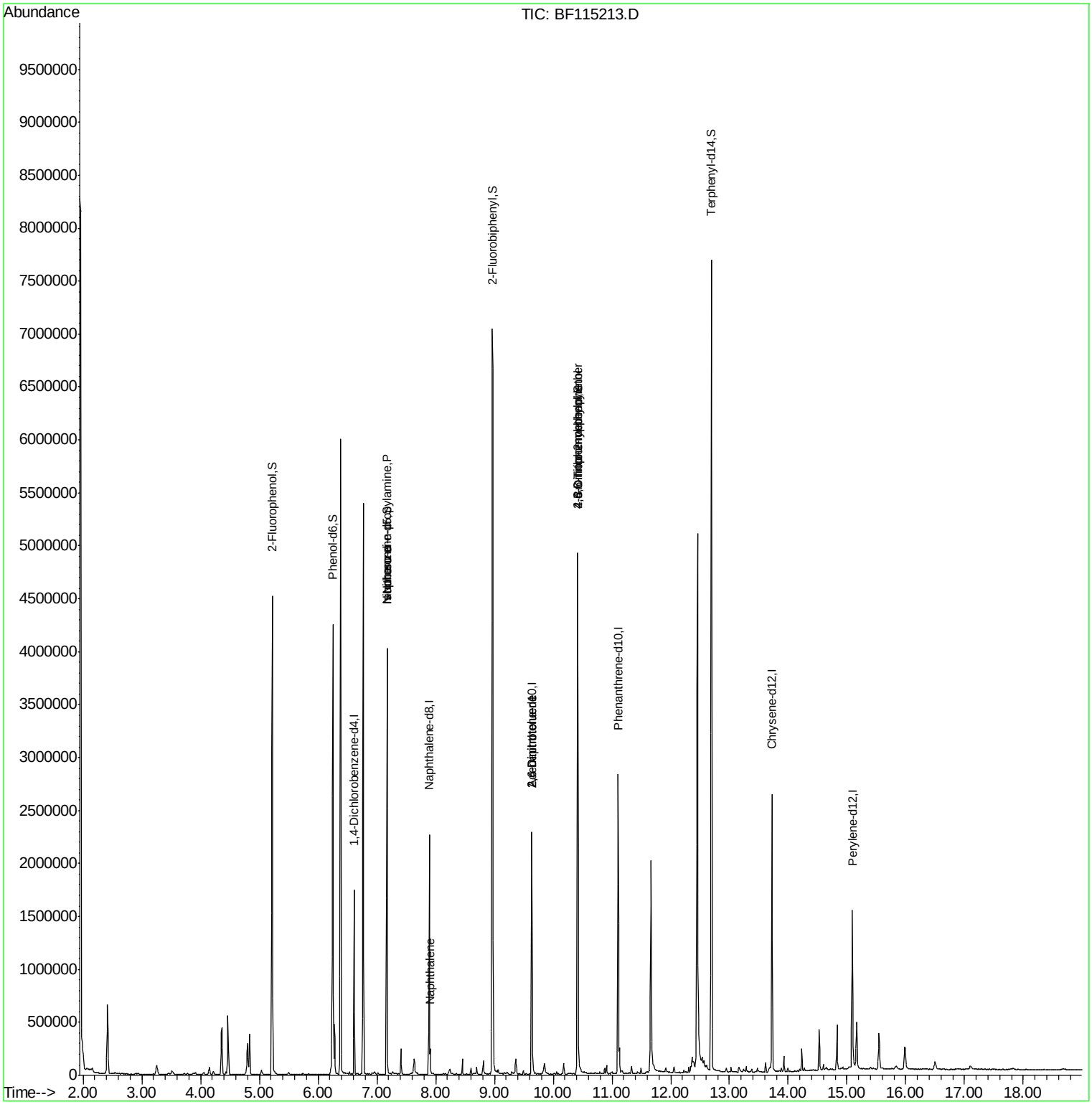
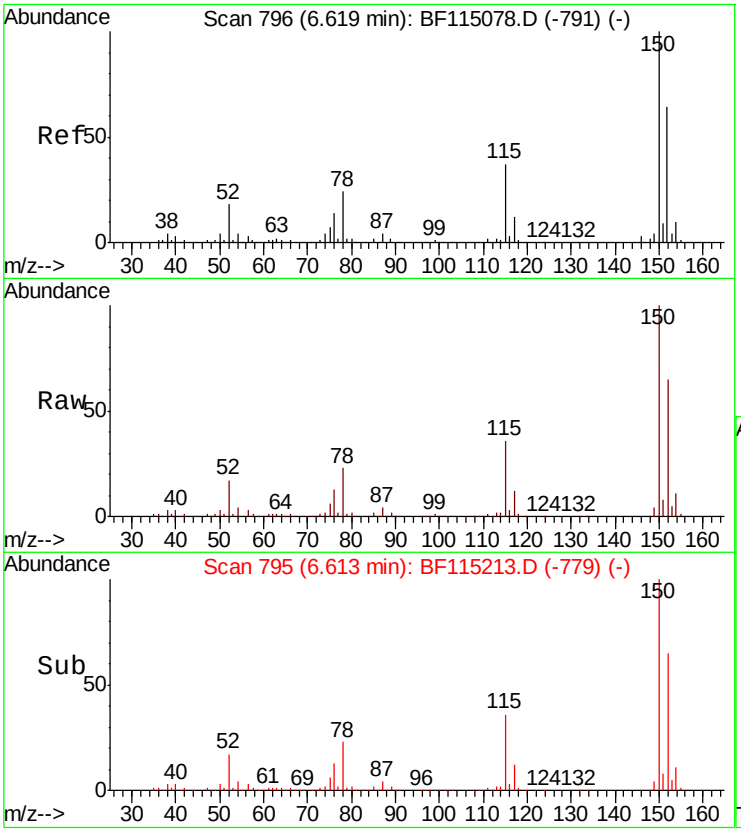


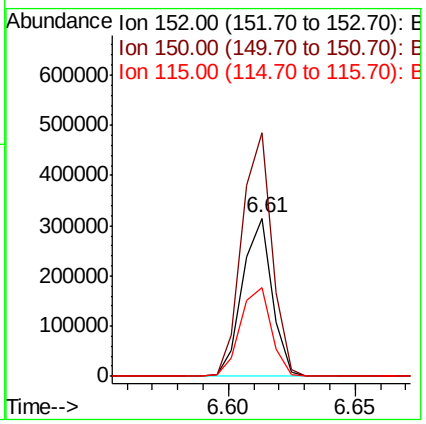


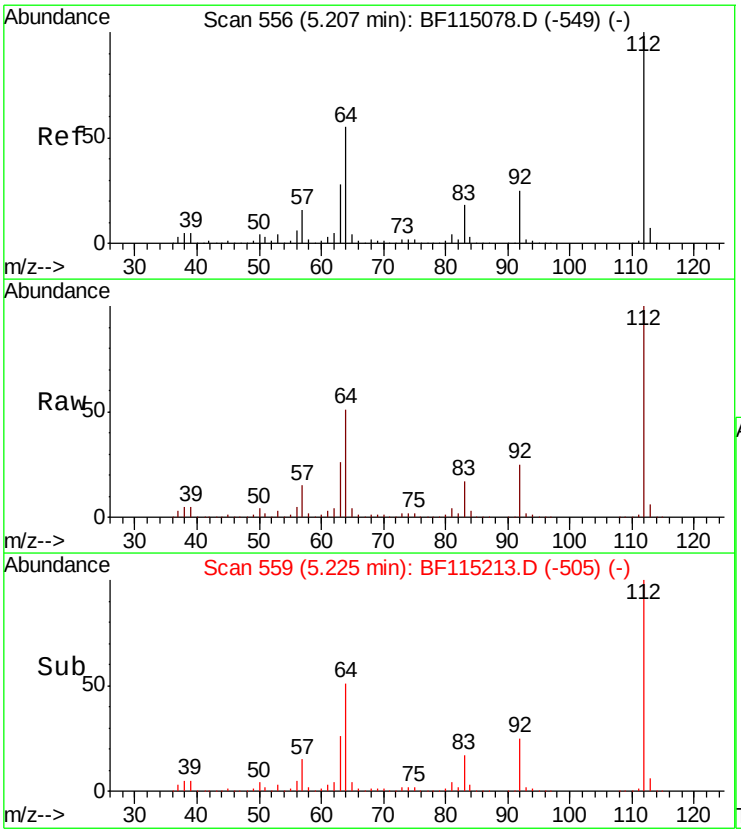
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 255746

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.2	186.2
115	55.9	46.1	69.1

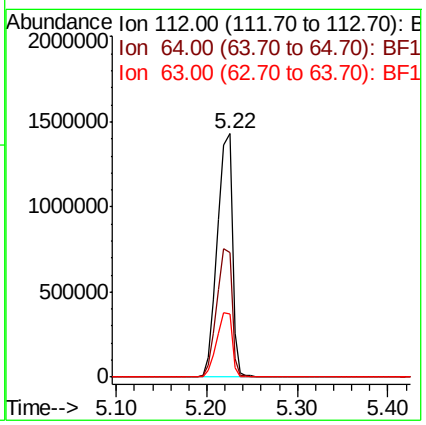


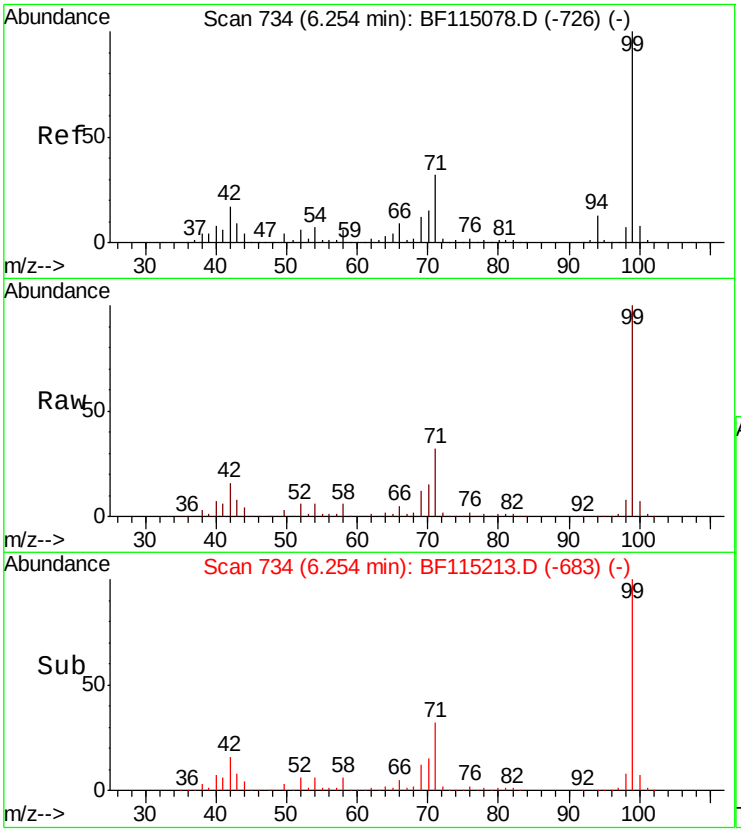


#5
2-Fluorophenol
Concen: 98.726 ng
RT: 5.22 min Scan# 559
Delta R.T. 0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:112 Resp: 1636165

Ion	Ratio	Lower	Upper
112	100		
64	51.1	43.8	65.6
63	26.1	22.2	33.4



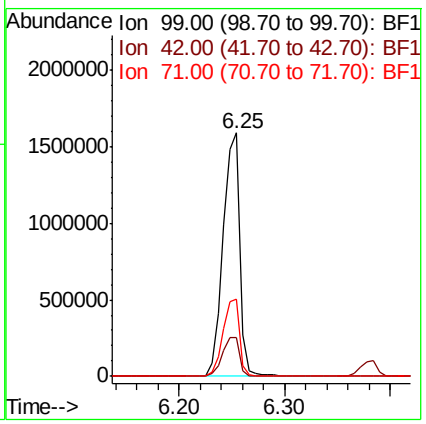


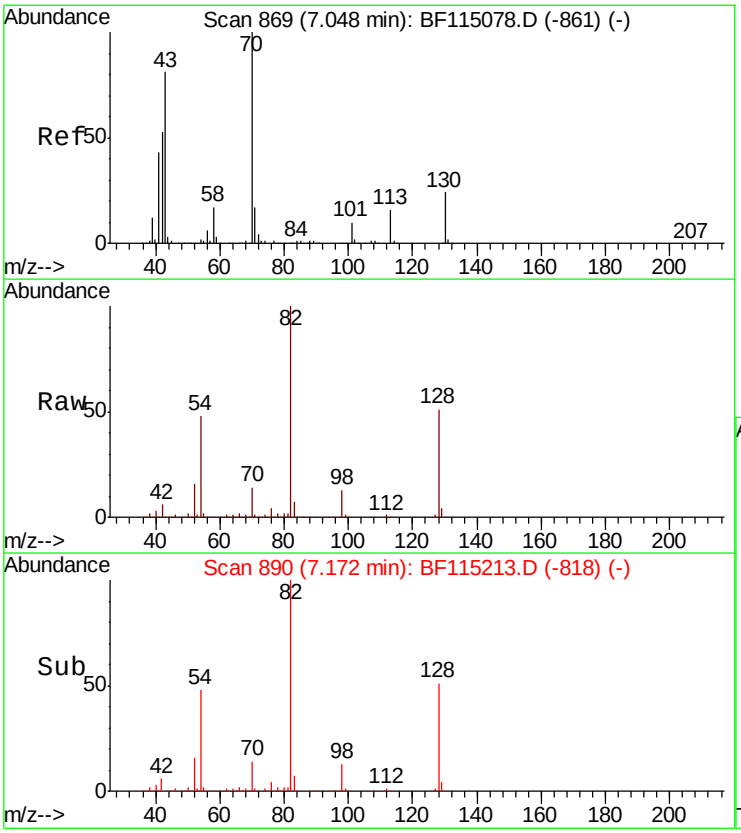
#7
Phenol-d6
Concen: 87.084 ng
RT: 6.25 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1751718

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	31.8	25.5	38.3

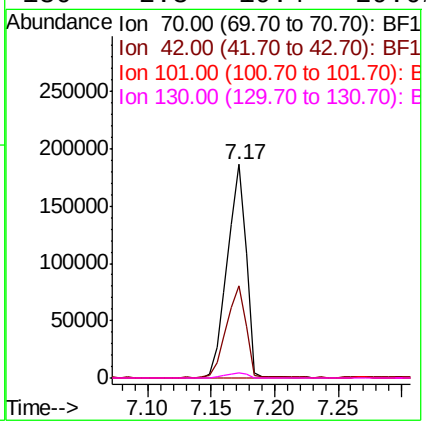


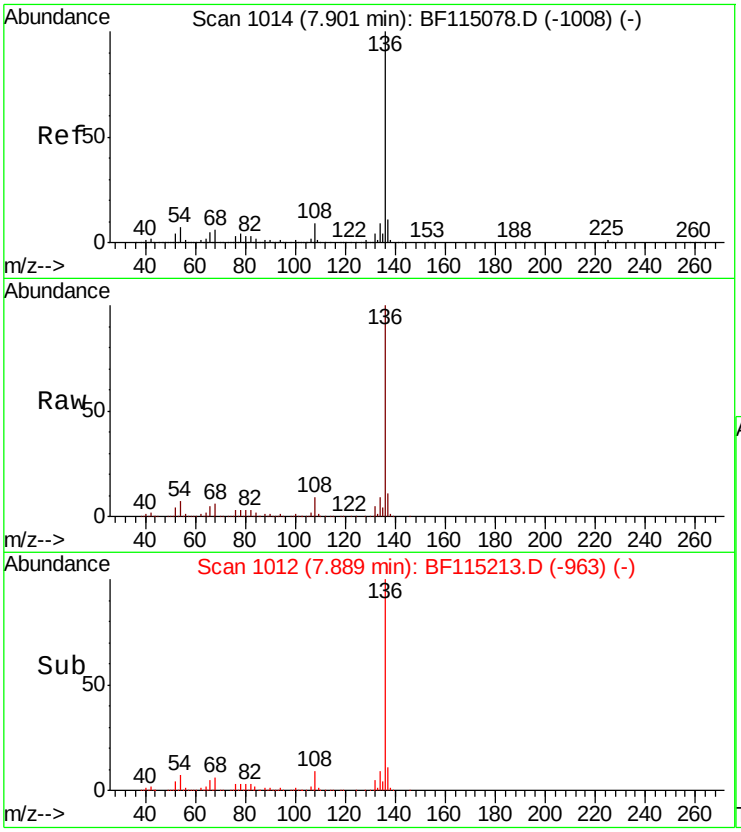


#19
n-Nitroso-di-n-propylamine
Concen: 14.971 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.12 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion: 70 Resp: 192804

Ion	Ratio	Lower	Upper
70	100		
42	43.4	42.6	63.8
101	0.0	8.0	12.0#
130	2.3	19.4	29.0#



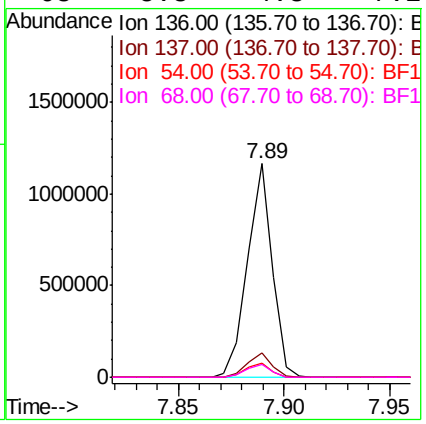


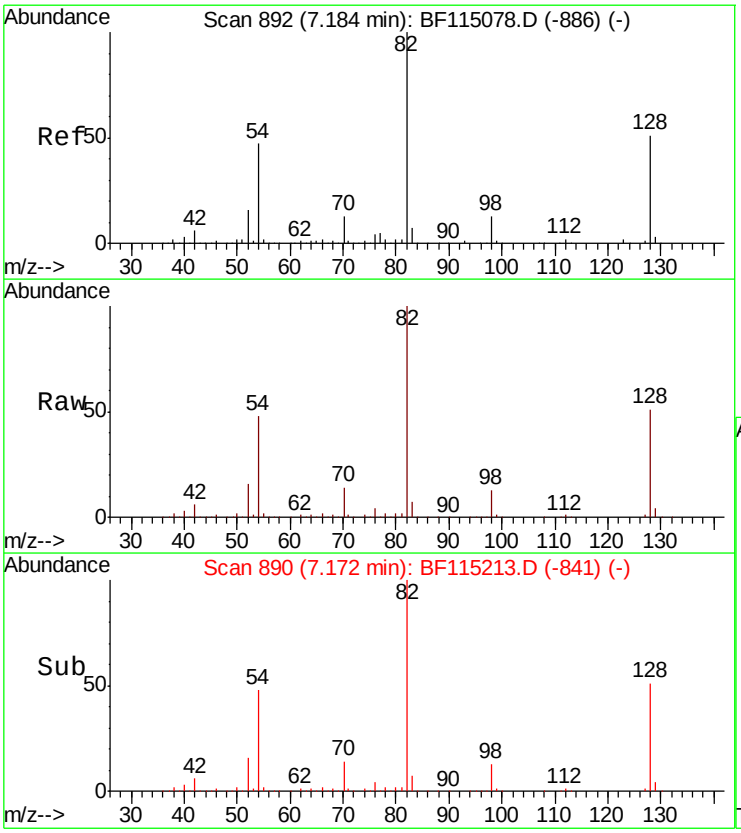
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 953403

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.8	5.6	8.4
68	5.8	4.8	7.2

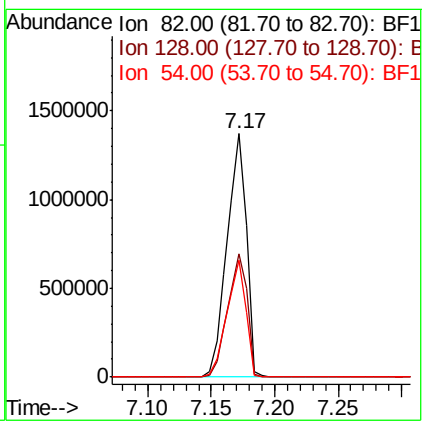


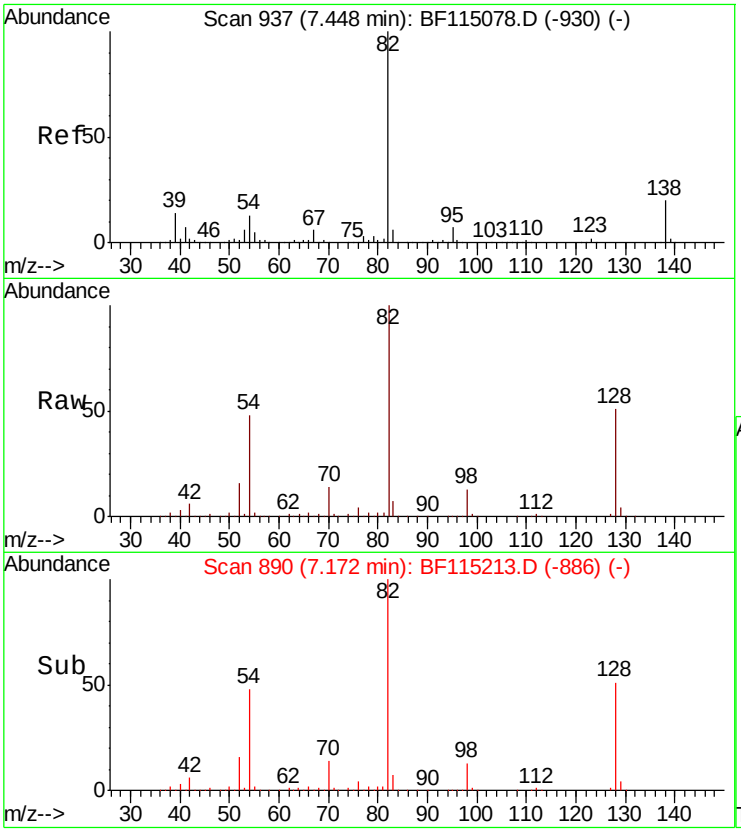


#23
Nitrobenzene-d5
Concen: 93.397 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion: 82 Resp: 1447520

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.4	60.6
54	47.8	37.5	56.3



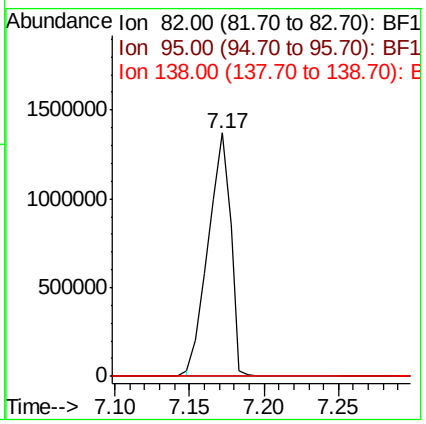


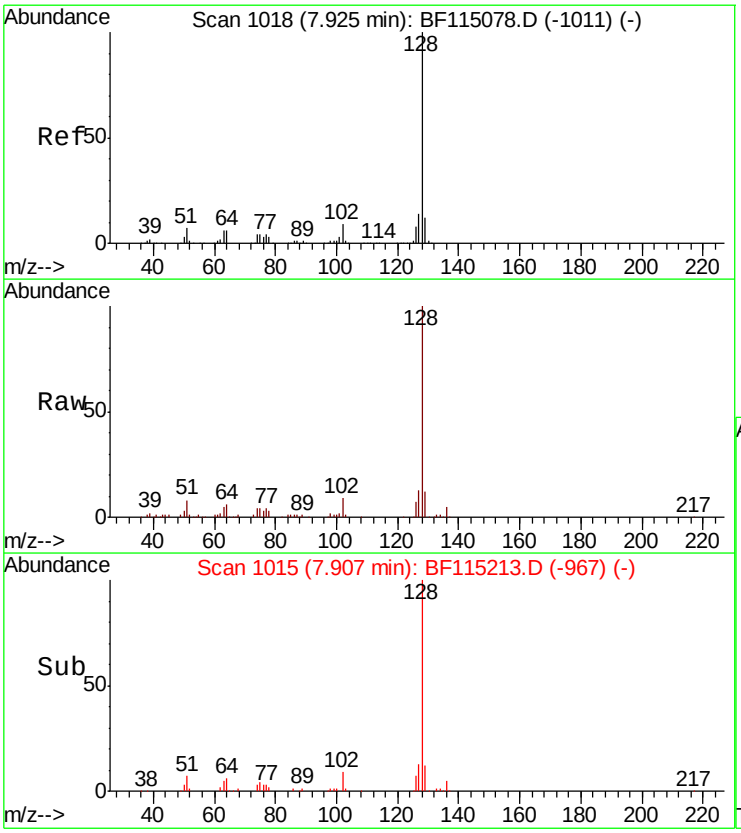
#25
Isophorone
Concen: 45.000 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1428726

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.9	23.9#

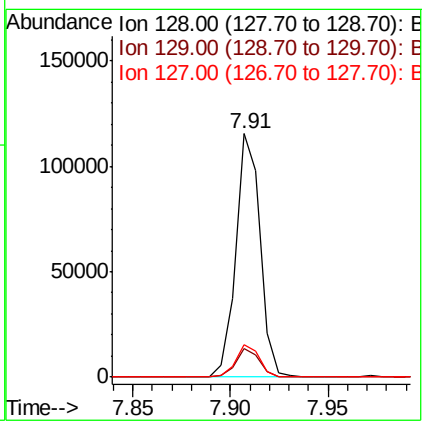


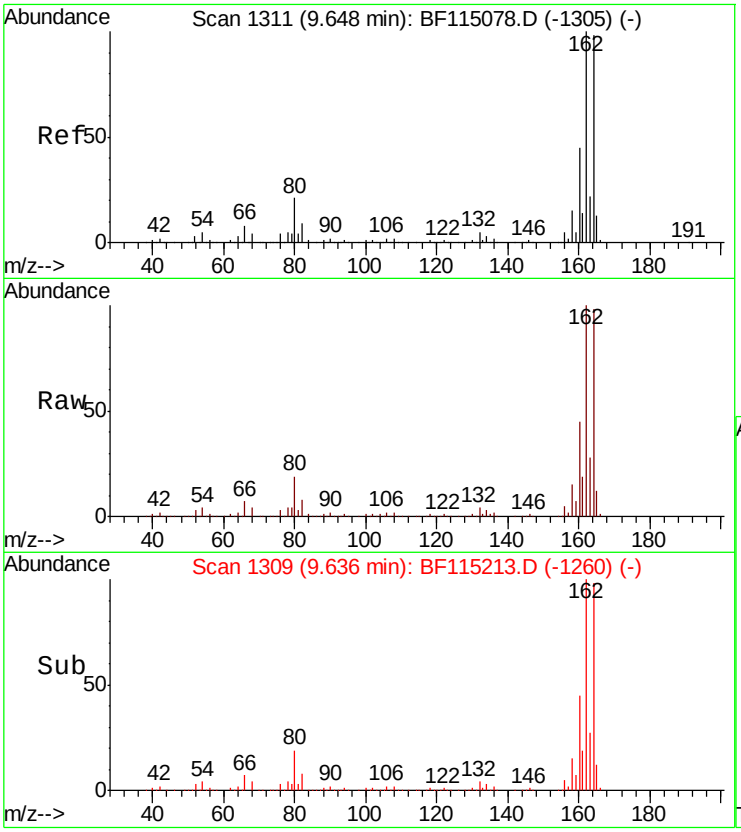


#31
Naphthalene
Concen: 2.123 ng
RT: 7.91 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:128 Resp: 99344

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.6	14.4
127	13.3	11.4	17.0



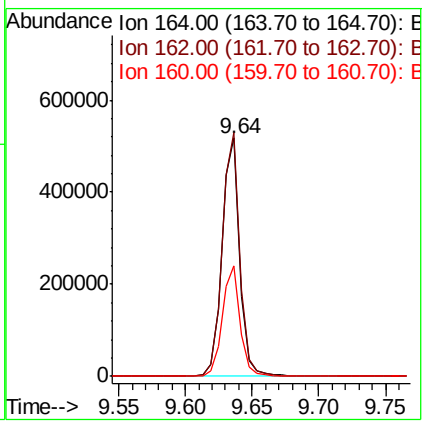


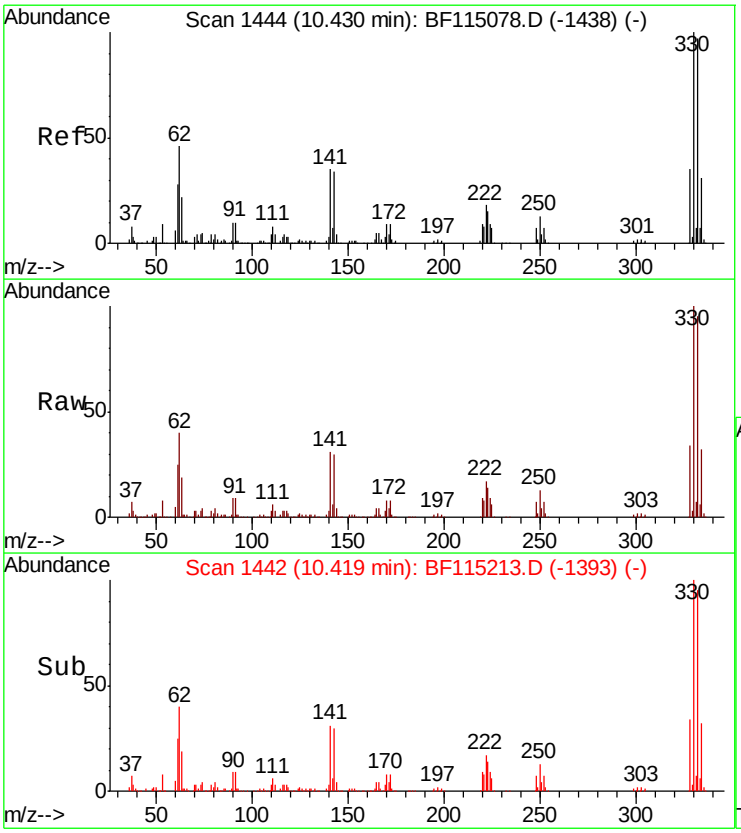
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 482477

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.7	122.5
160	46.4	37.0	55.4

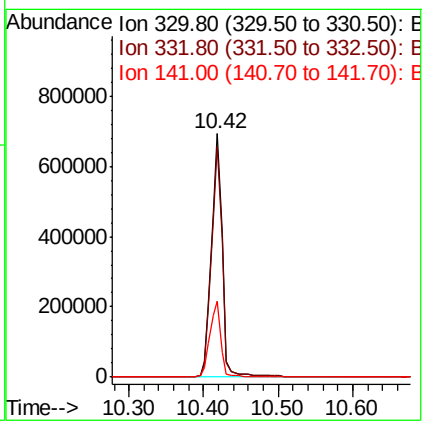


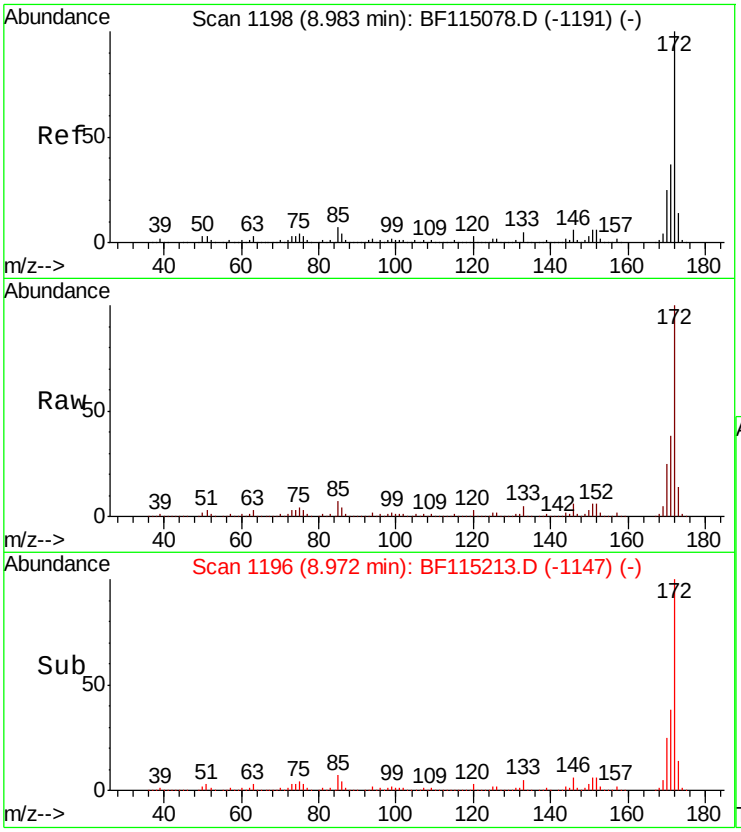


#42
2,4,6-Tribromophenol
Concen: 137.129 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:330 Resp: 697700

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	31.6	28.2	42.2



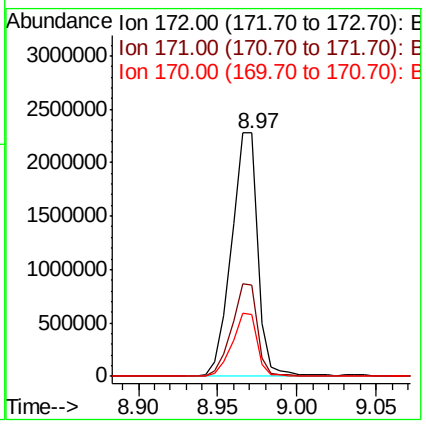


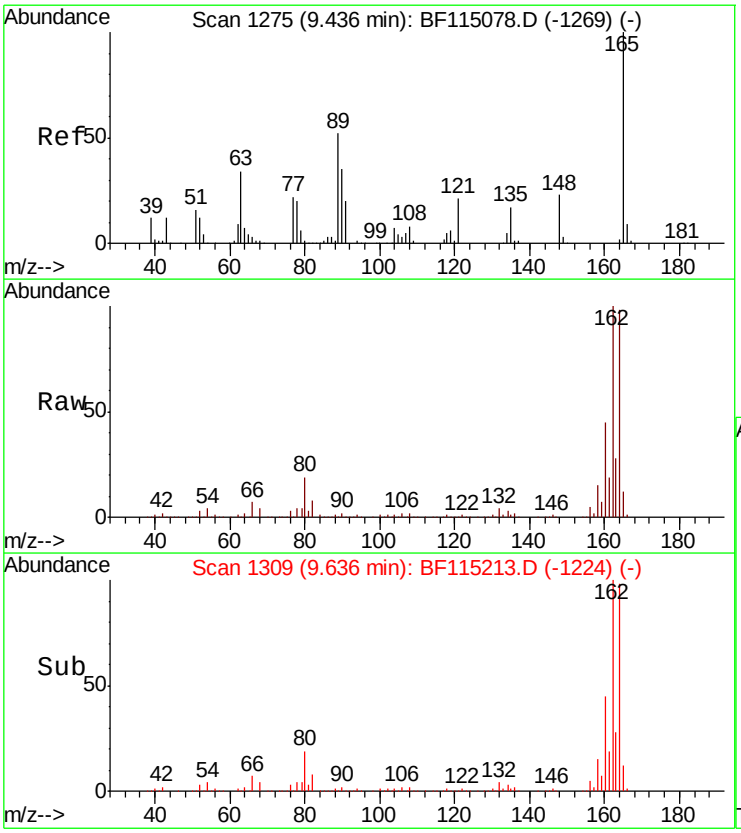
#45
2-Fluorobiphenyl
Concen: 92.485 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2626935

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.4	20.3	30.5

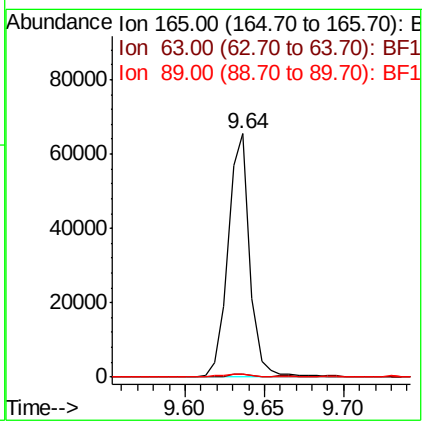


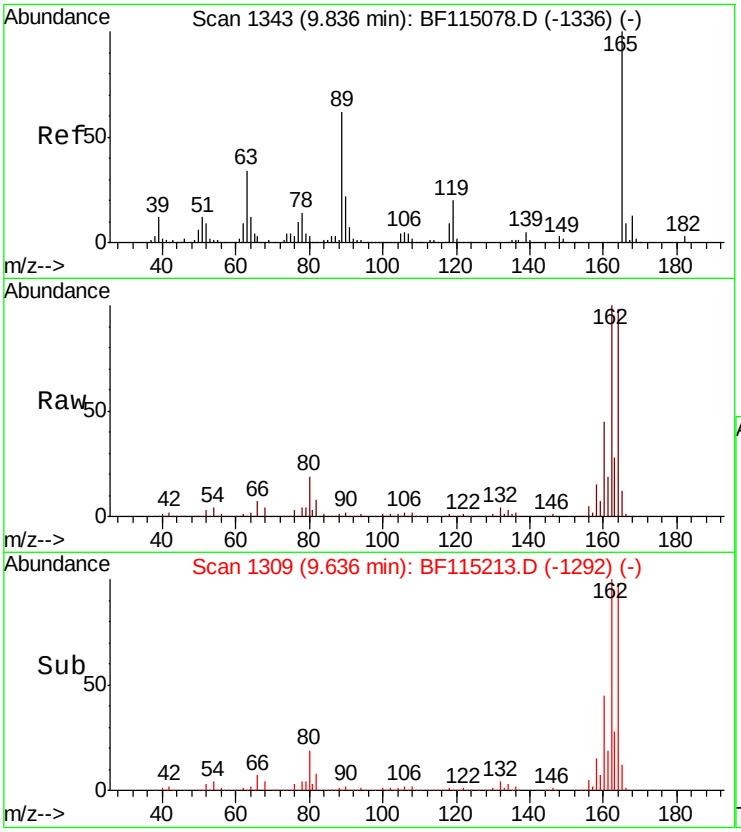


#51
2,6-Dinitrotoluene
Concen: 7.569 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:165 Resp: 62029

Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.5	42.0	63.0#



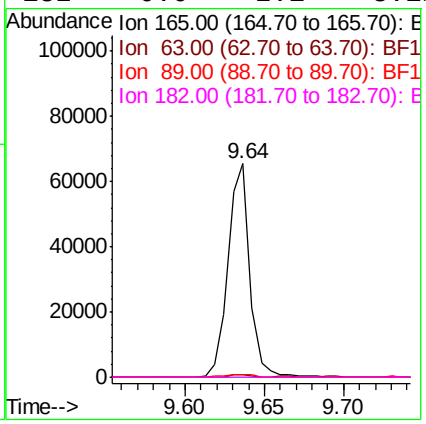


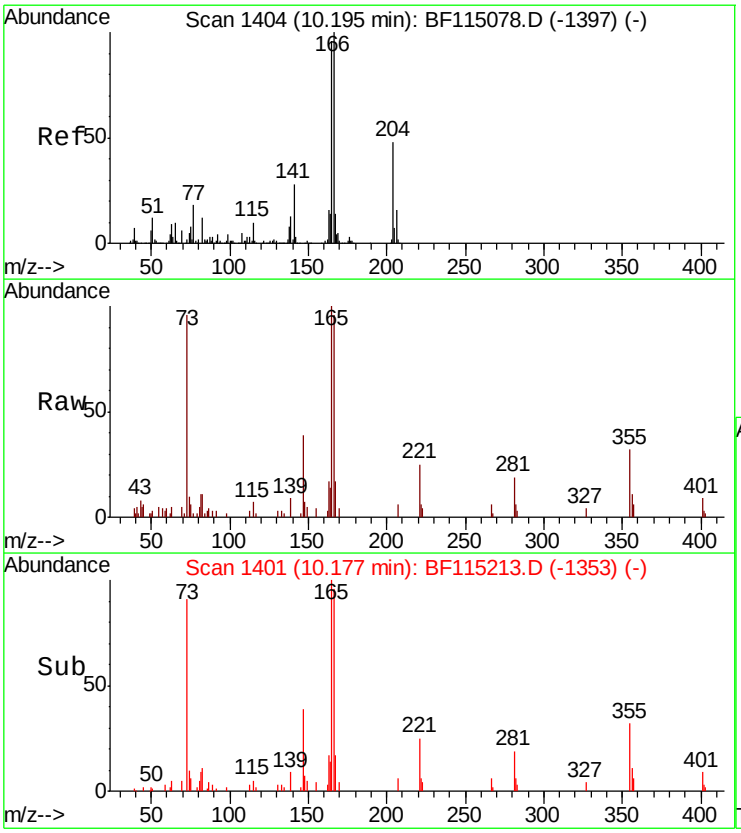
#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 62029

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.5	49.9	74.9#
182	0.0	2.1	3.1#

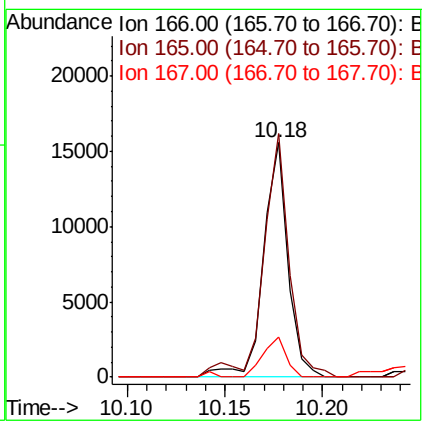


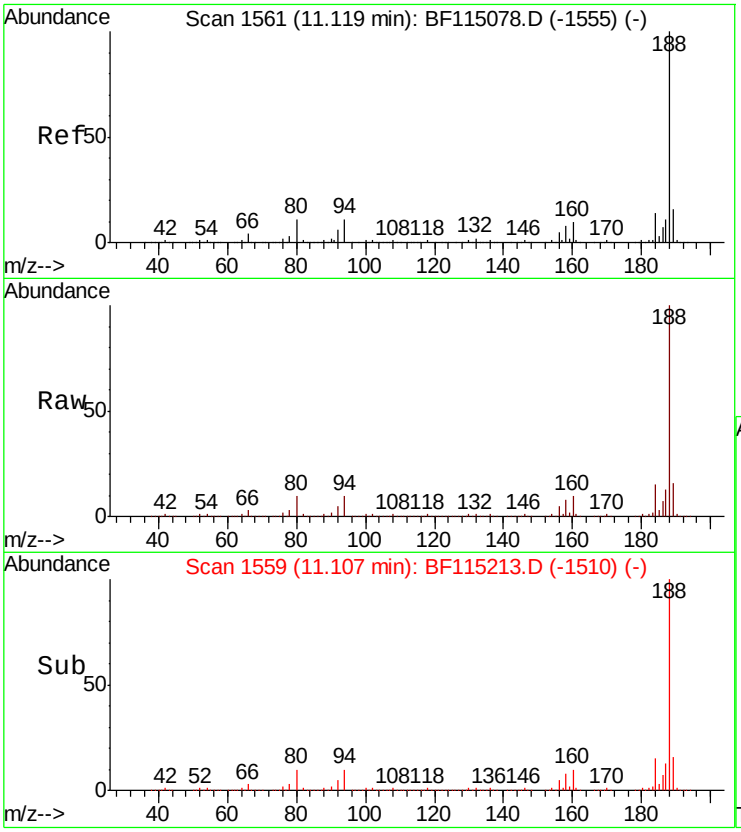


#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:166 Resp: 13442

Ion	Ratio	Lower	Upper
166	100		
165	103.9	76.5	114.7
167	17.3	11.0	16.4#



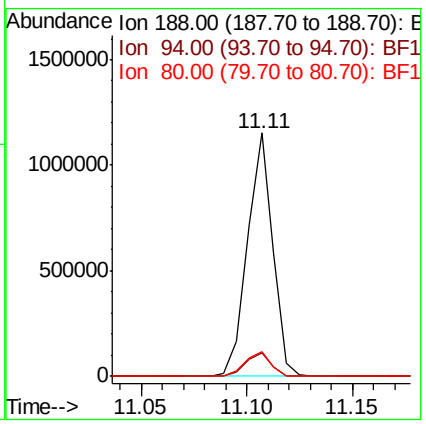


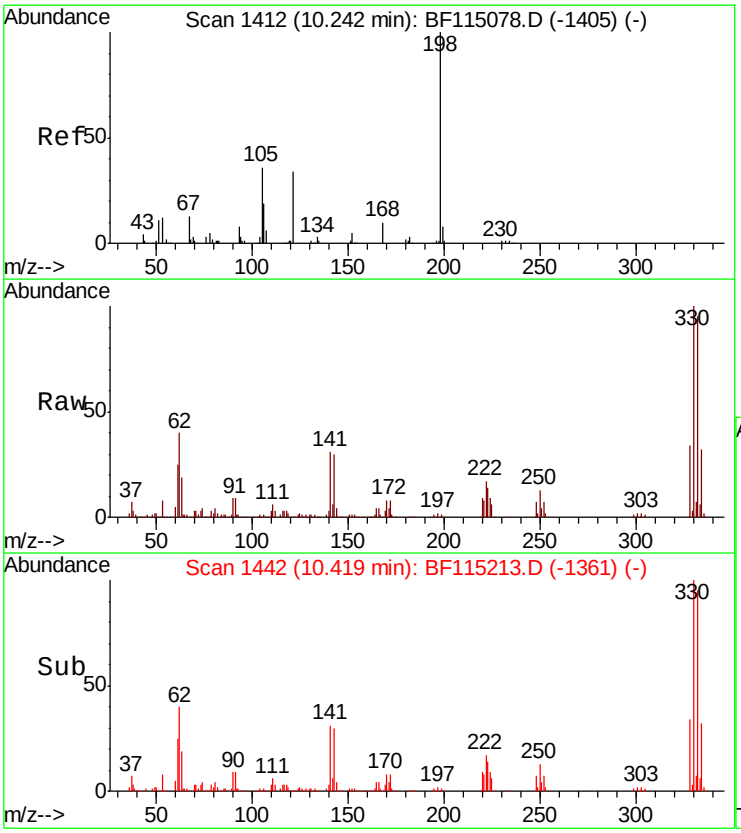
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 960737

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.0	8.8	13.2

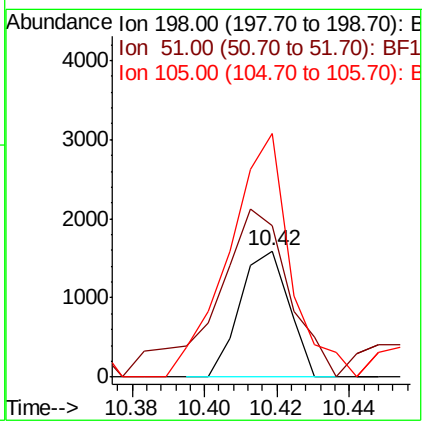


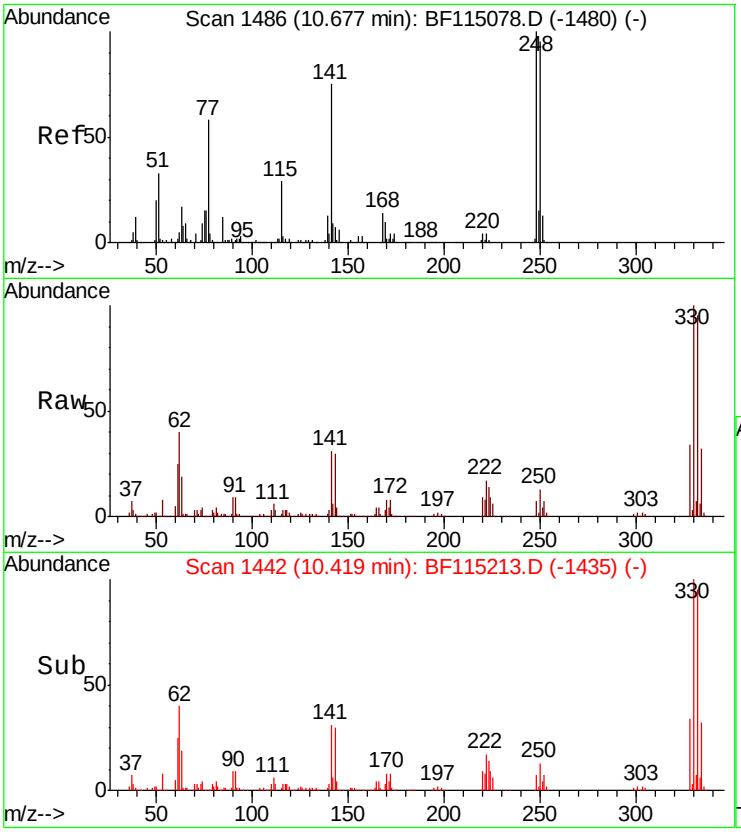


#65
4,6-Dinitro-2-methylphenol
Concen: 5.222 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.18 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:198 Resp: 1496

Ion	Ratio	Lower	Upper
198	100		
51	120.2	11.0	51.0#
105	193.1	17.3	57.3#



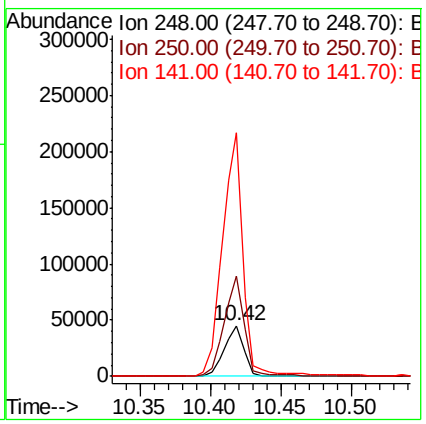


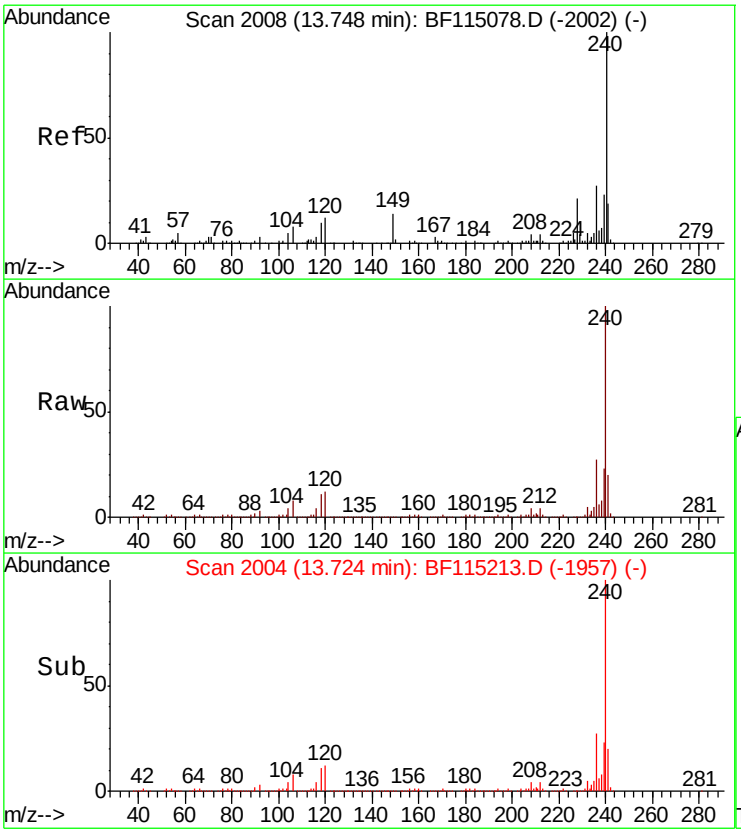
#67
4-Bromophenyl-phenylether
Concen: 4.223 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 43987

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.2	114.2#
141	480.3	59.6	89.4#

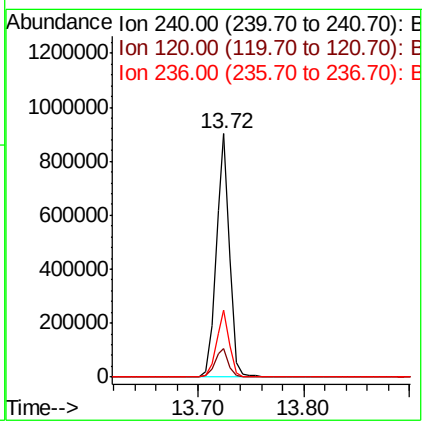


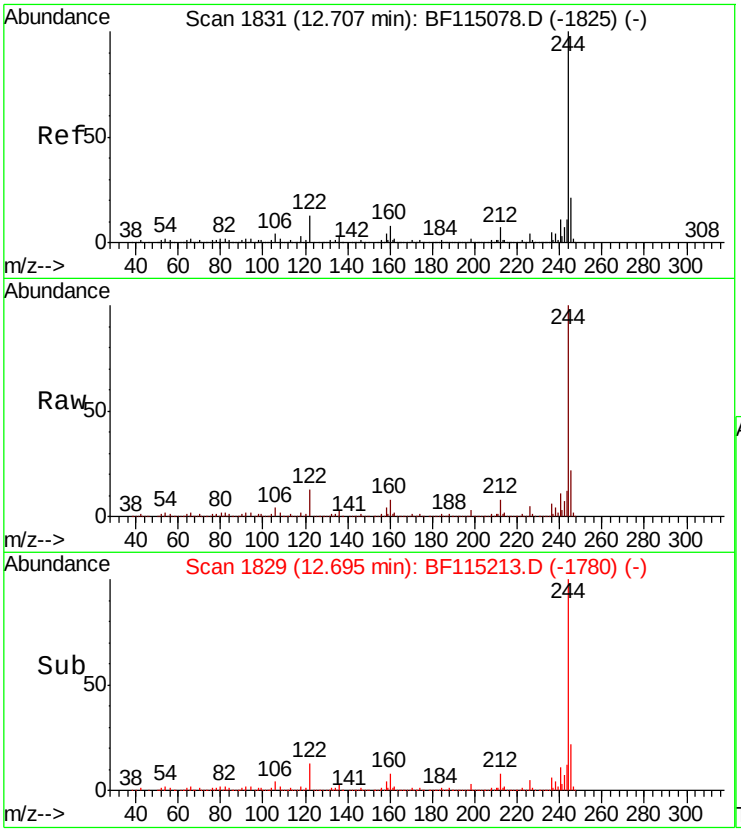


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:240 Resp: 800139

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	27.4	21.7	32.5



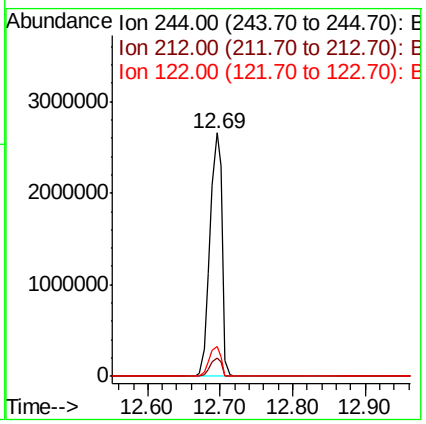


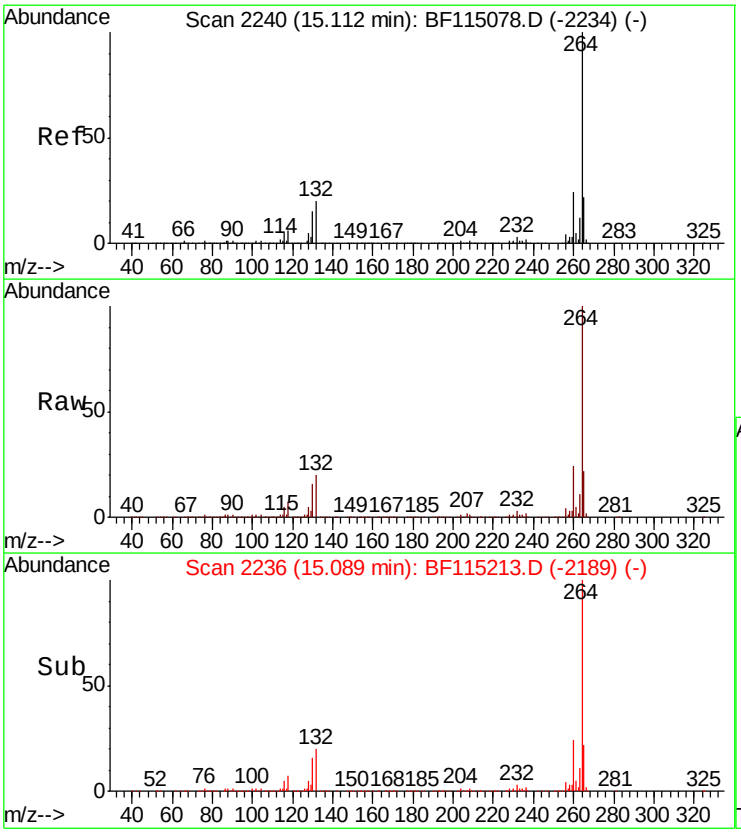
#79
Terphenyl-d14
Concen: 82.053 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 3087905

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	12.5	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115213.D
Acq: 26 Jun 2019 11:08

Tgt Ion:264 Resp: 730108

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	21.9	17.3	25.9