Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
Data File : BF115103.D
Acq On : 22 Jun 2019 2:43
Operator : HP/JU
Sample : PB120818TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120818TB

Quant Time: Jun 22 05:00:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	254751	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	966528	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	476733	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	947523	20.00	ng	0.00
76) Chrysene-d12	13.73	240	759007	20.00	ng	-0.02
87) Perylene-d12	15.10	264	768539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1624877	98.43	ng	0.01
7) Phenol-d6	6.25	99	2038473	101.74	ng	0.00
23) Nitrobenzene-d5	7.17	82	1211670	77.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	550874	109.58	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2311807	82.37	ng	-0.01
79) Terphenyl-d14	12.71	244	2595619	72.71	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	161220	12.568	ng	# 78
25) Isophorone	7.17	82	1202451	37.359	ng	# 63
50) Dimethylphthalate	9.64	163	137807	3.929	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	61234	7.562	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	61234	5.857	ng	# 30
58) Fluorene	10.42	166	25398	Below Cal		# 84
65) 4,6-Dinitro-2-methylphenol	10.42	198	951	5.129	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	34456	3.354	ng	# 1

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

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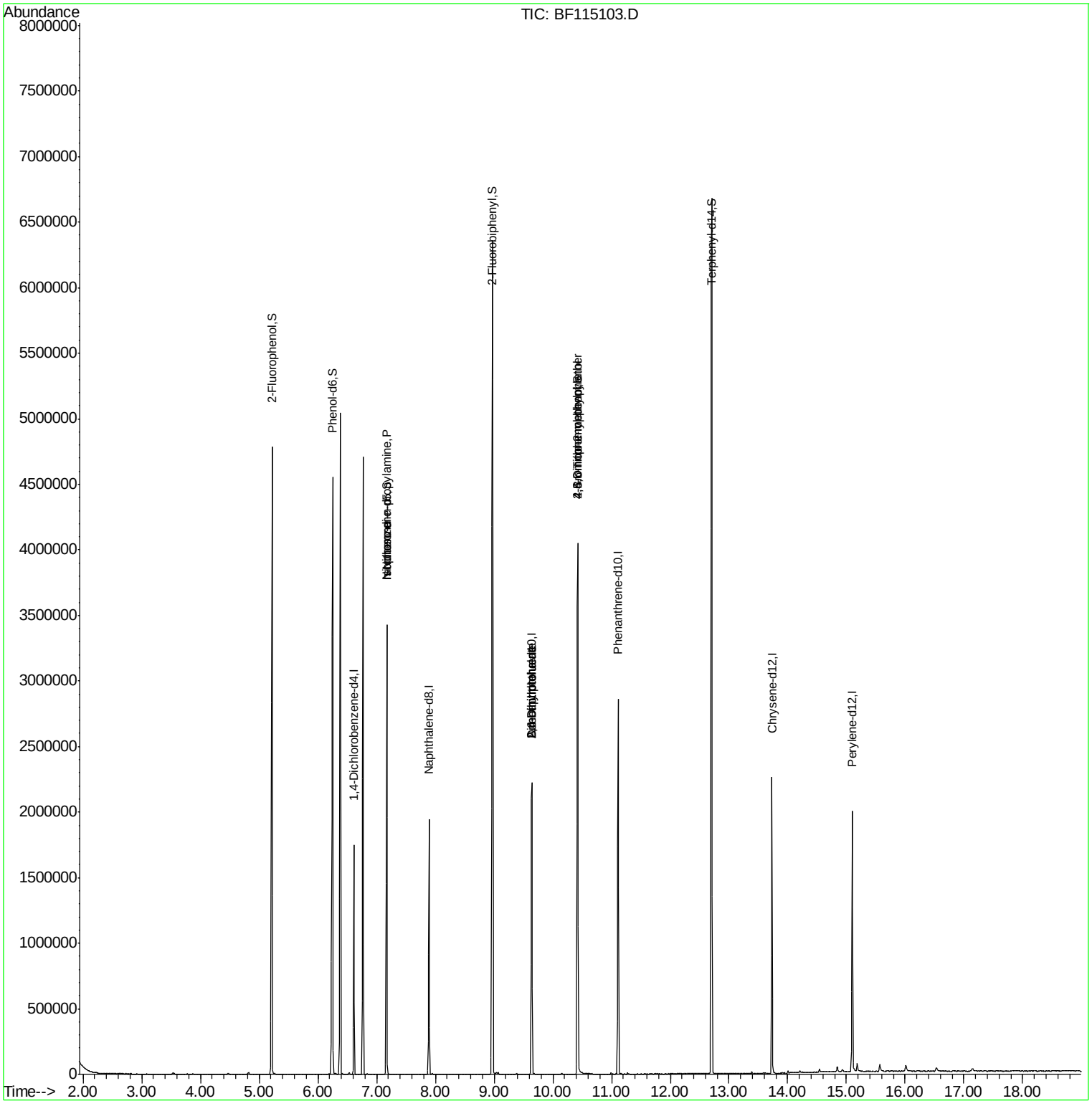
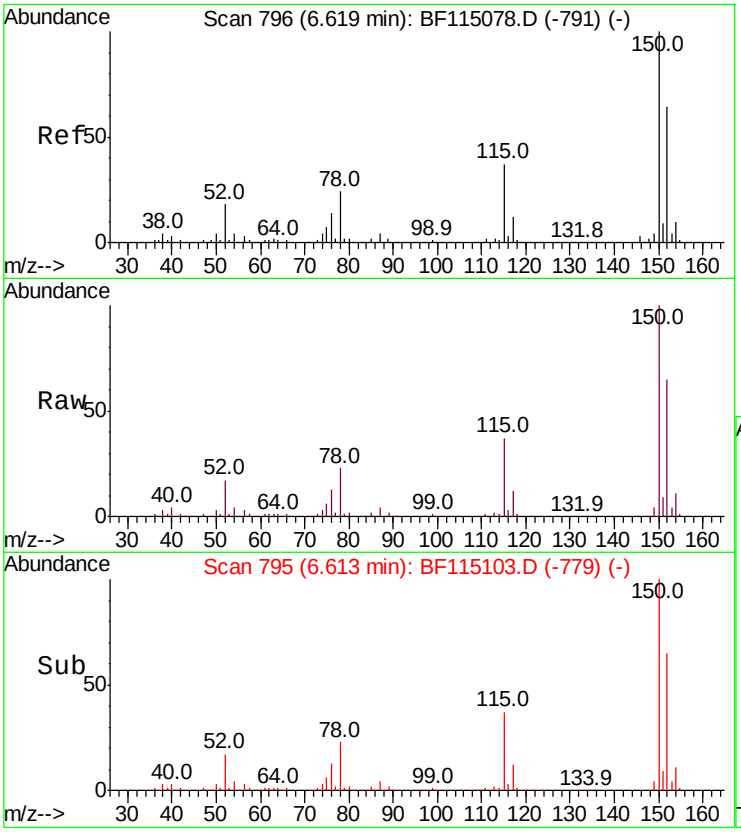


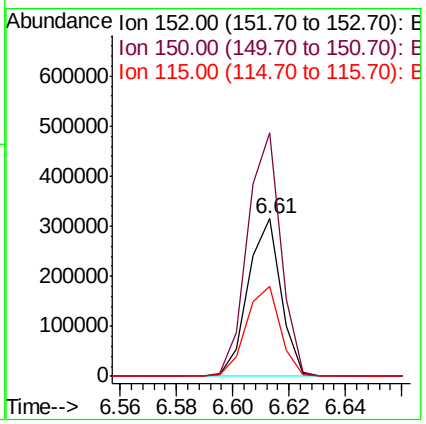


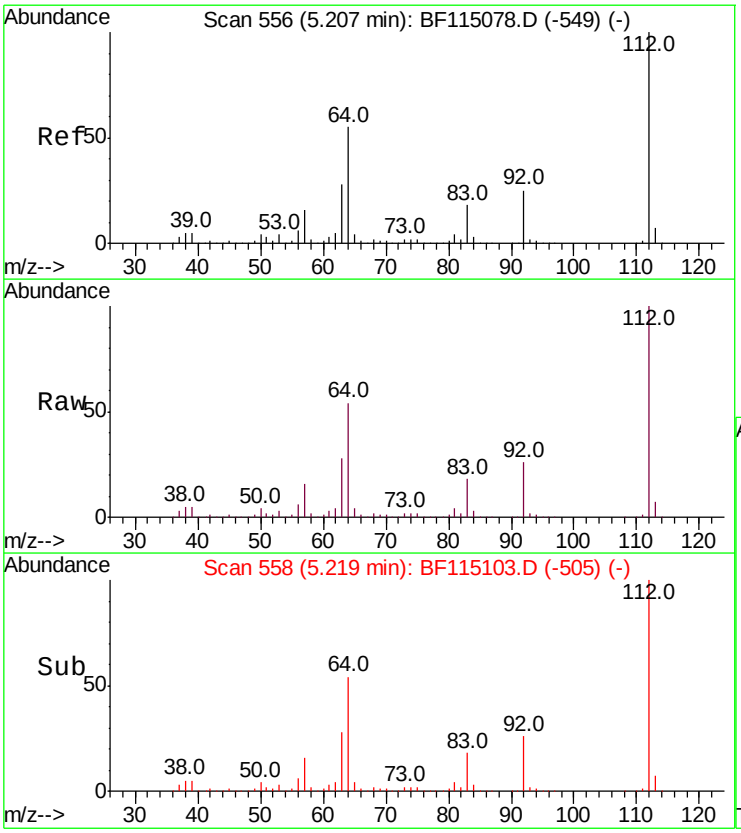
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:152 Resp: 254751

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.2	186.2
115	57.2	46.1	69.1

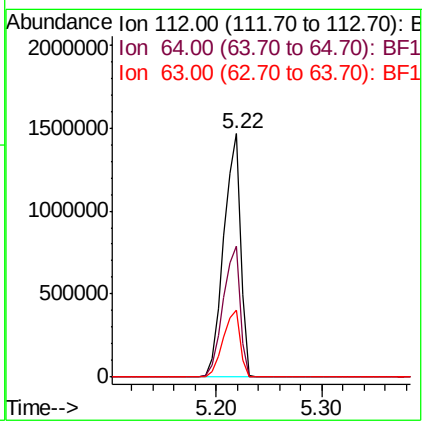


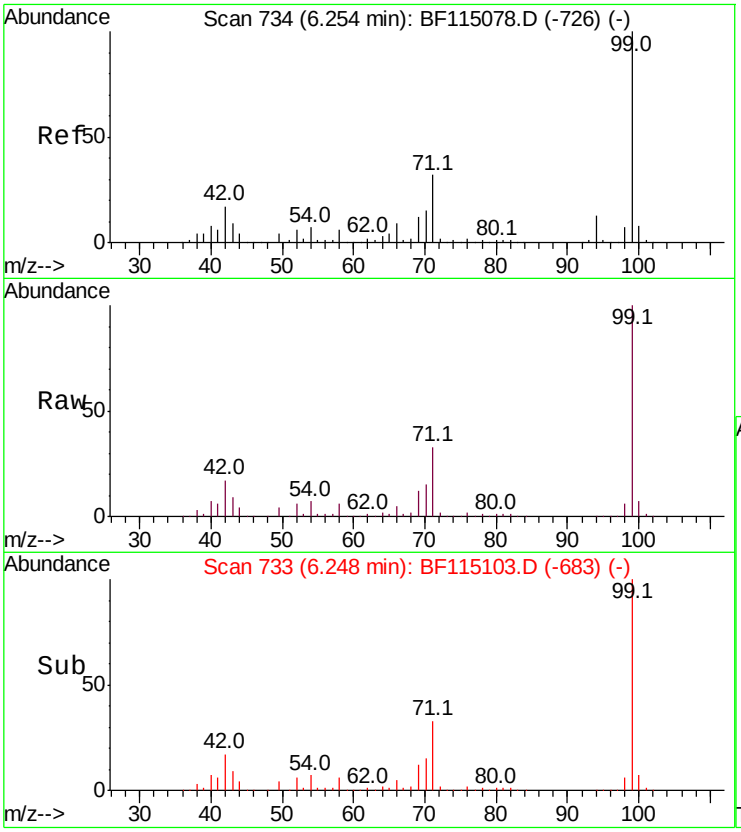


#5
2-Fluorophenol
Concen: 98.428 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:112 Resp: 1624877

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.8	65.6
63	27.6	22.2	33.4



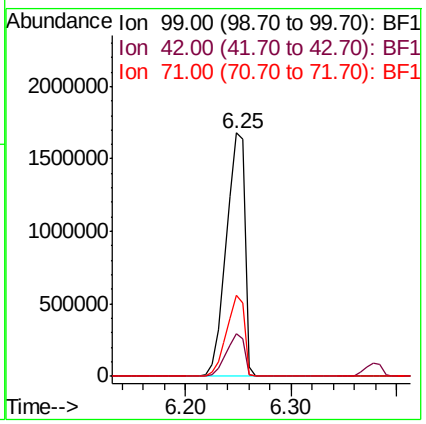


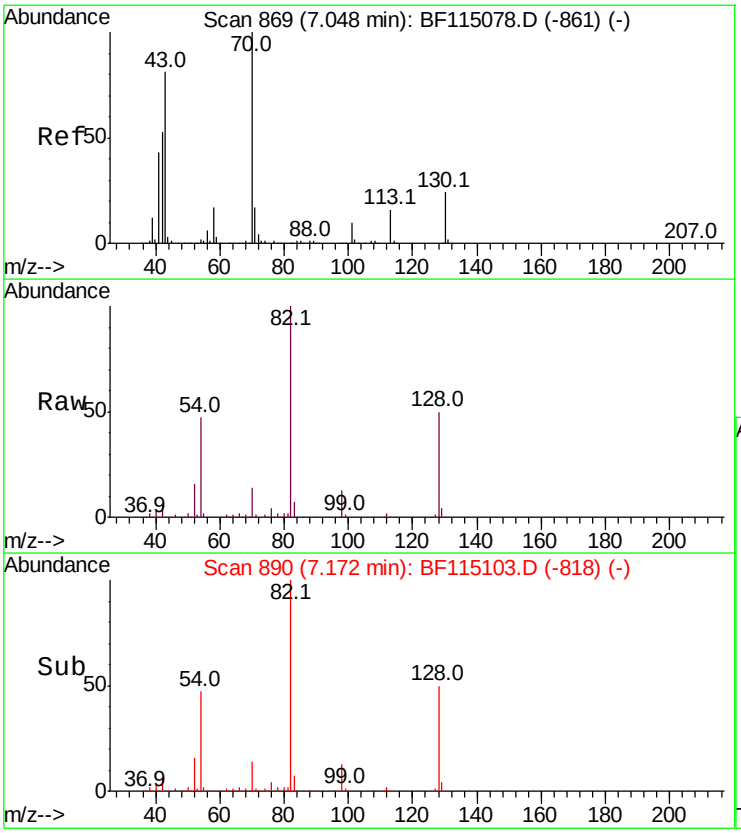
#7
Phenol-d6
Concen: 101.735 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion: 99 Resp: 2038473

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.6	20.4
71	33.1	25.5	38.3

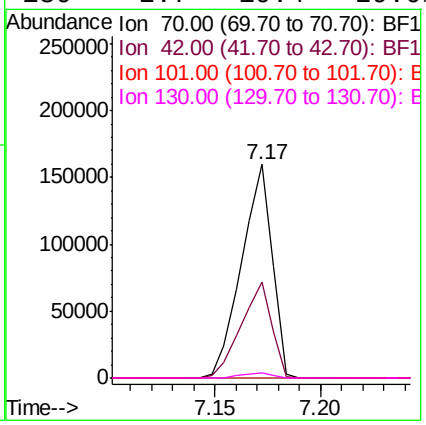


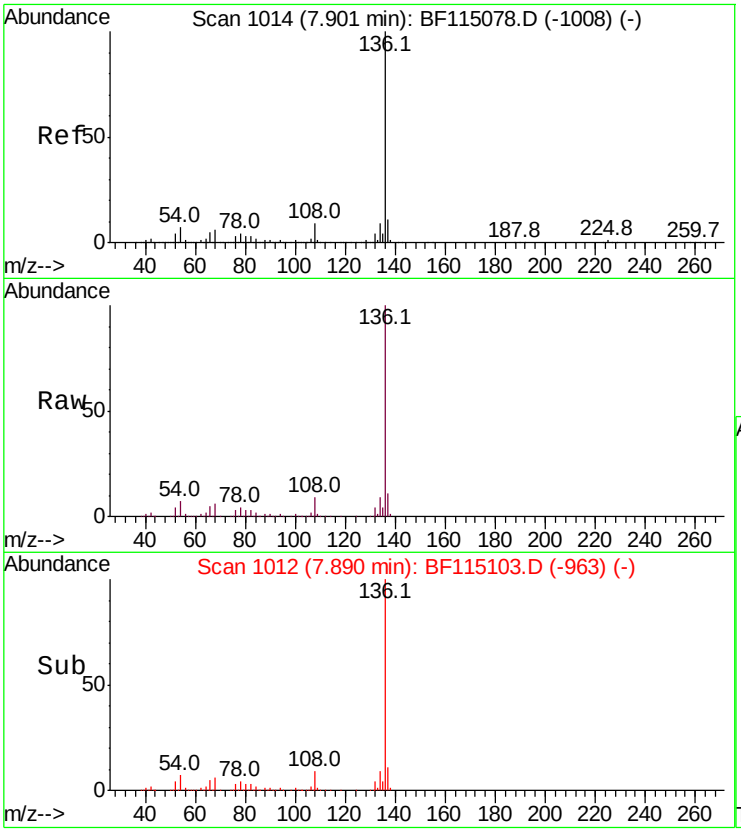


#19
n-Nitroso-di-n-propylamine
Concen: 12.568 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.12 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion: 70 Resp: 161220

Ion	Ratio	Lower	Upper
70	100		
42	44.7	42.6	63.8
101	0.0	8.0	12.0#
130	2.7	19.4	29.0#



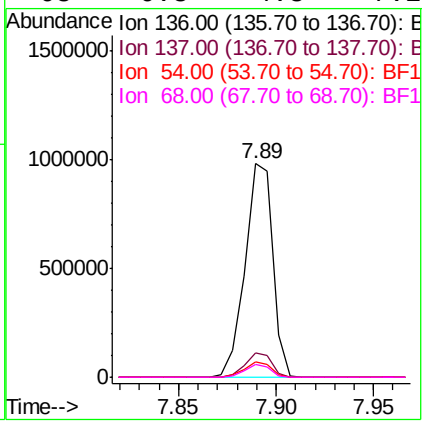


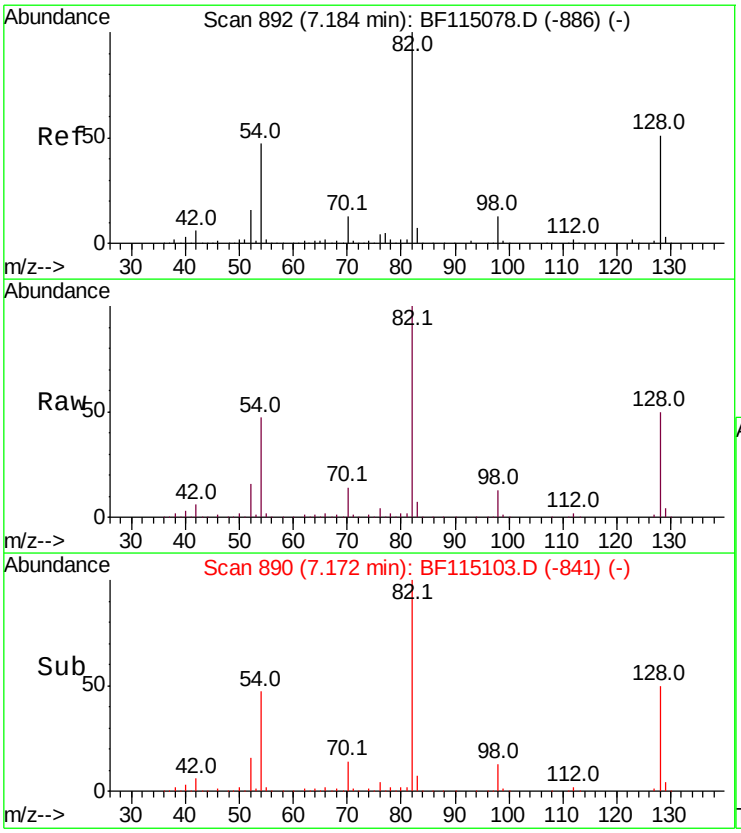
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:136 Resp: 966528

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.4	5.6	8.4
68	6.3	4.8	7.2

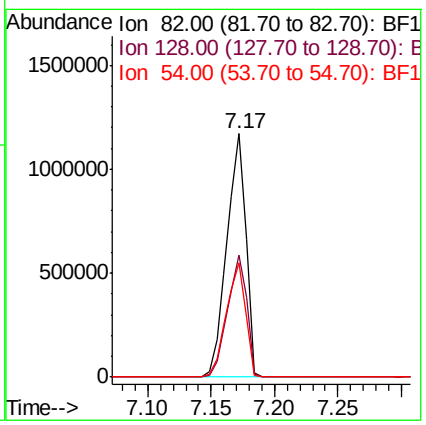


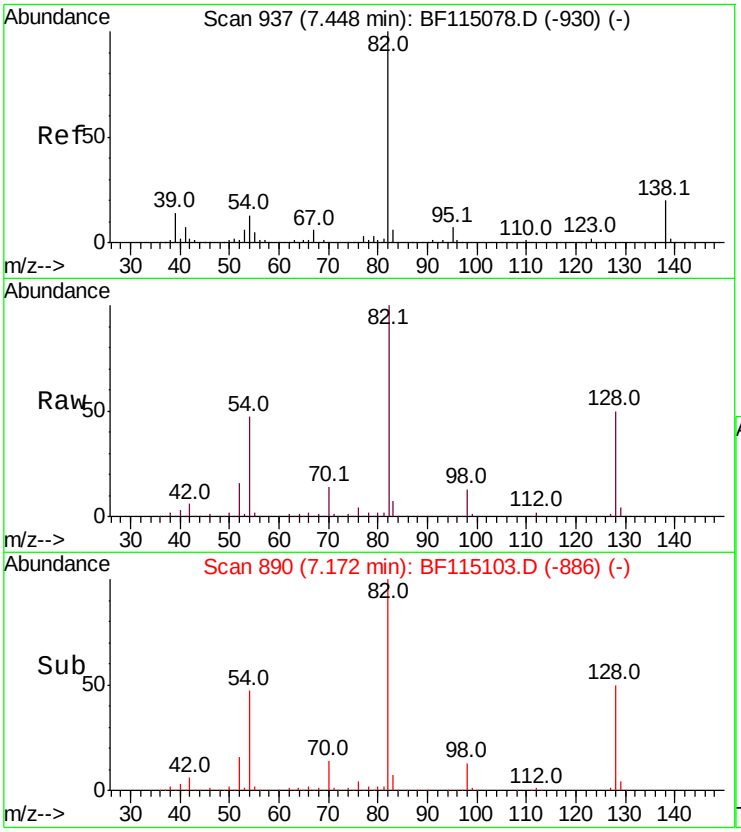


#23
Nitrobenzene-d5
Concen: 77.118 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion: 82 Resp: 1211670

Ion	Ratio	Lower	Upper
82	100		
128	49.9	40.4	60.6
54	47.2	37.5	56.3



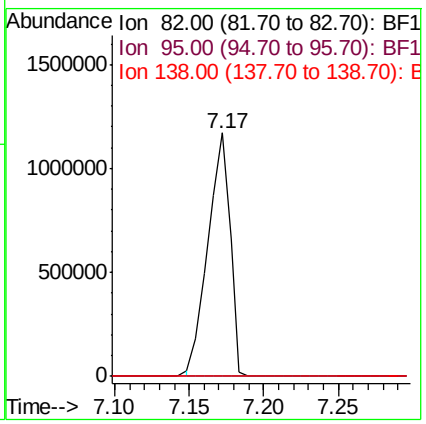


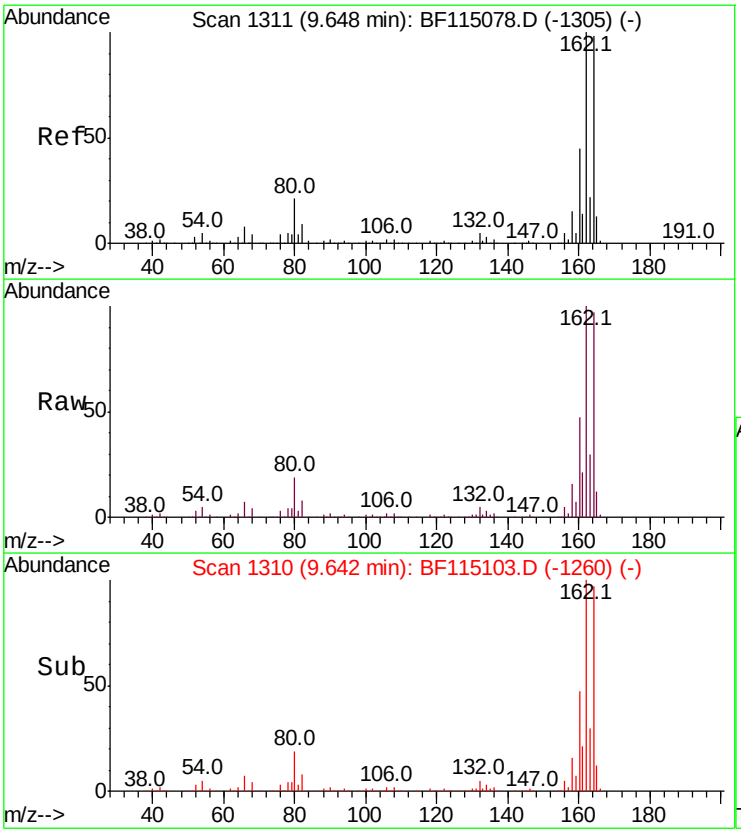
#25
Isophorone
Concen: 37.359 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion: 82 Resp: 1202451

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

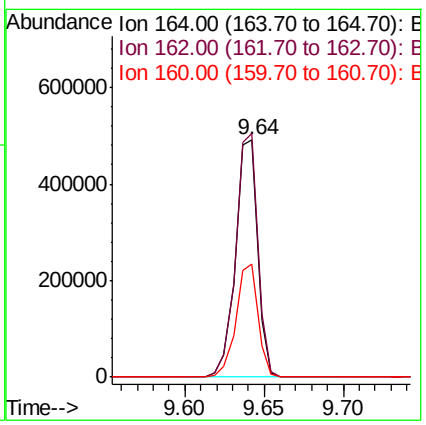


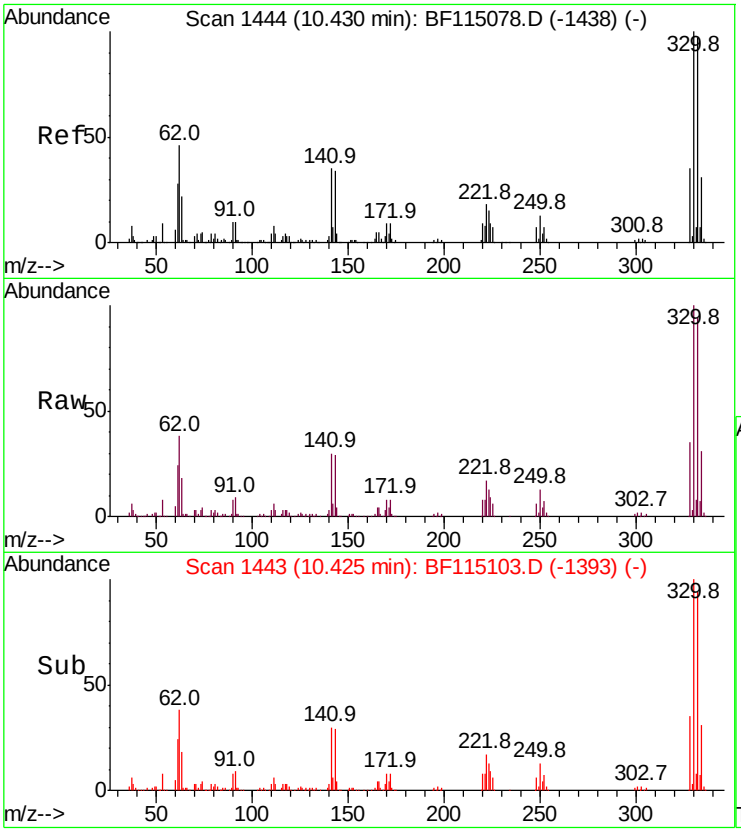


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:164 Resp: 476733

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.7	122.5
160	47.7	37.0	55.4



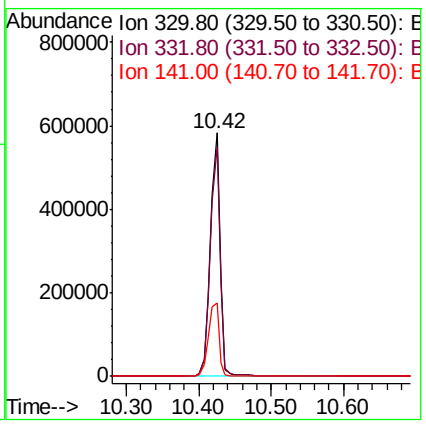


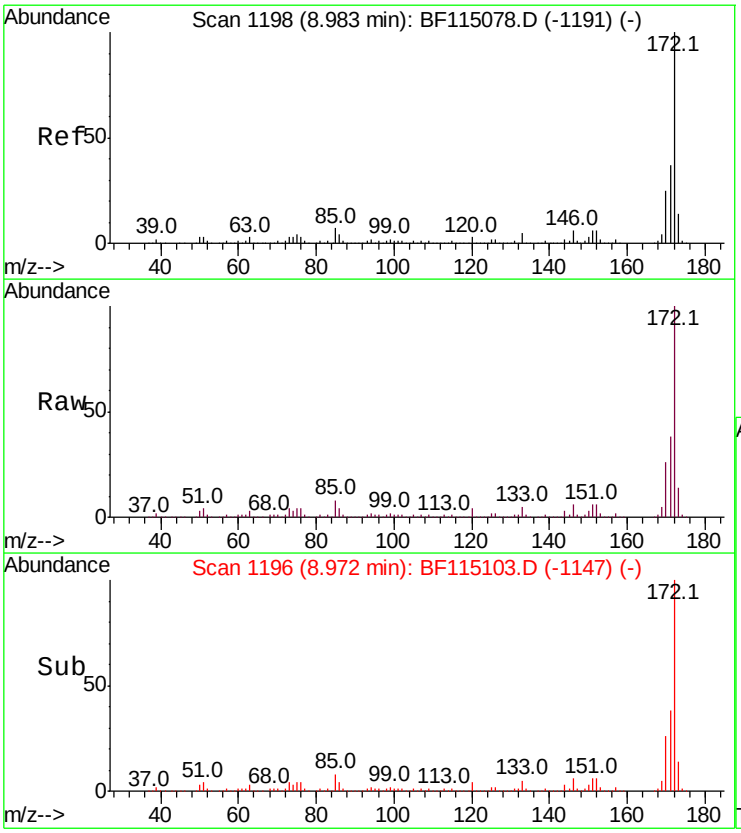
#42
2,4,6-Tribromophenol
Concen: 109.576 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:330 Resp: 550874

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.3	115.9
141	33.5	28.2	42.2

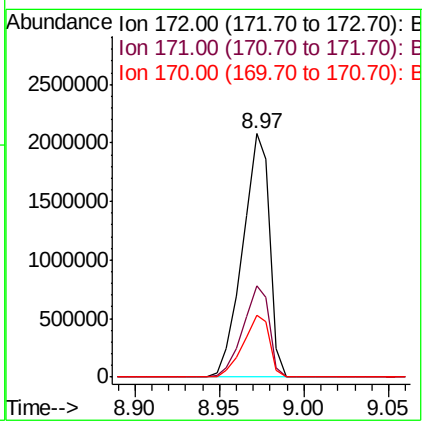


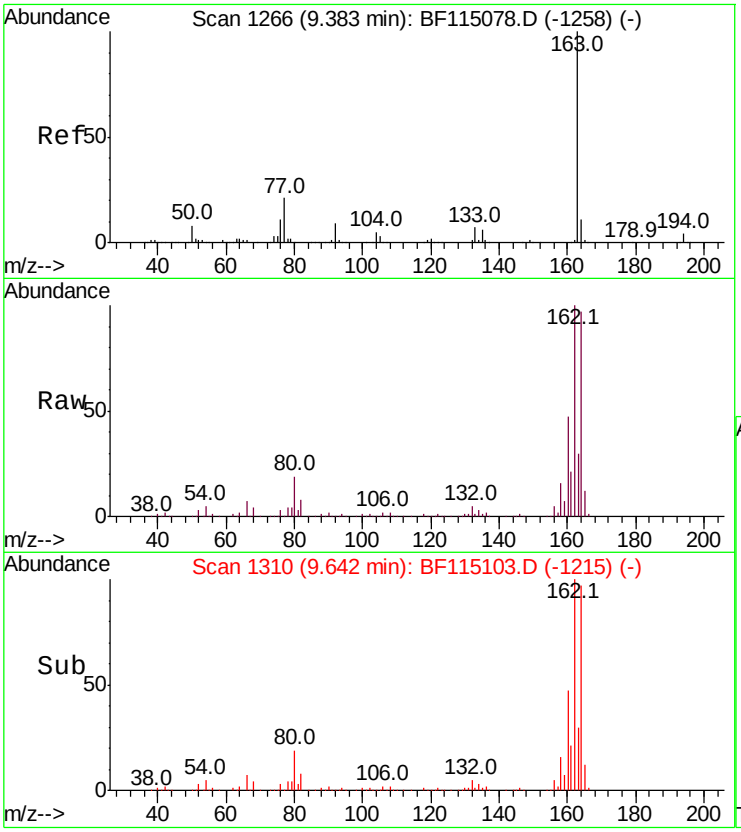


#45
2-Fluorobiphenyl
Concen: 82.371 ng
RT: 8.97 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:172 Resp: 2311807

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	25.5	20.3	30.5



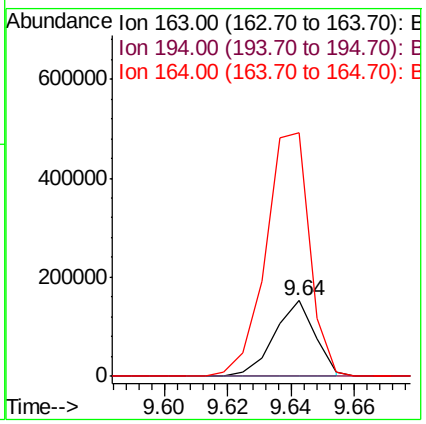


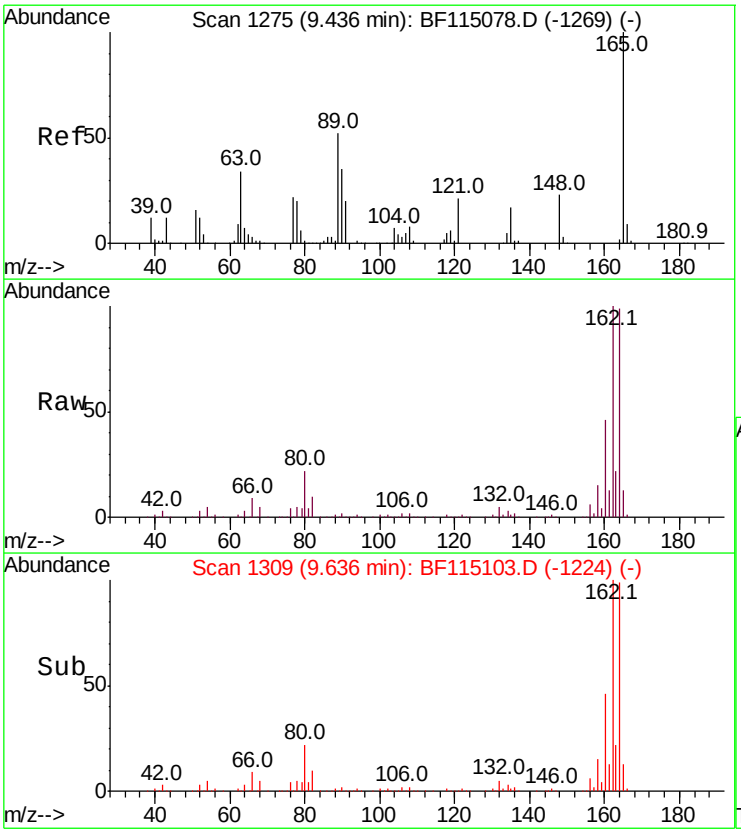
#50
Dimethylphthalate
Concen: 3.929 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:163 Resp: 137807

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	322.7	8.6	13.0#

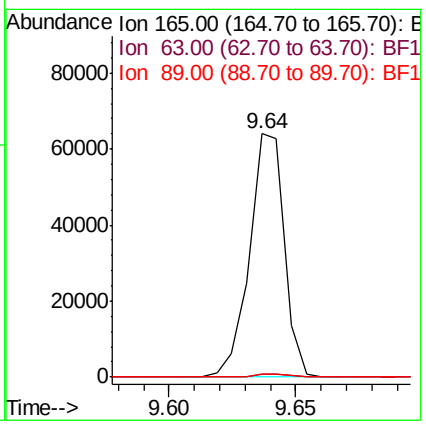


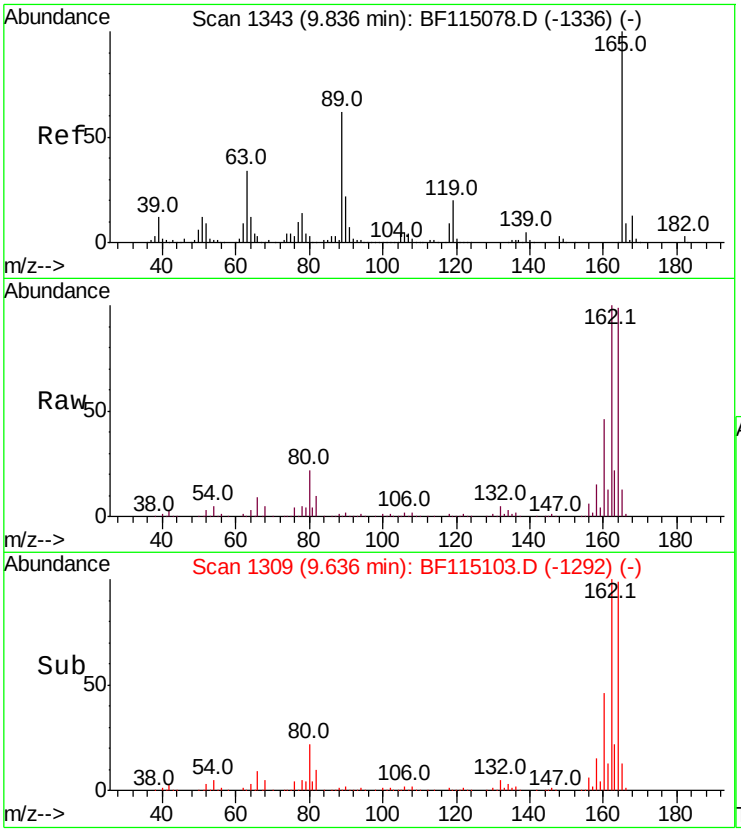


#51
2,6-Dinitrotoluene
Concen: 7.562 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:165 Resp: 61234

Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.2	42.0	63.0#



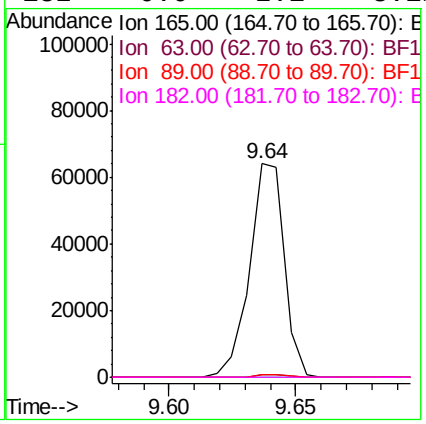


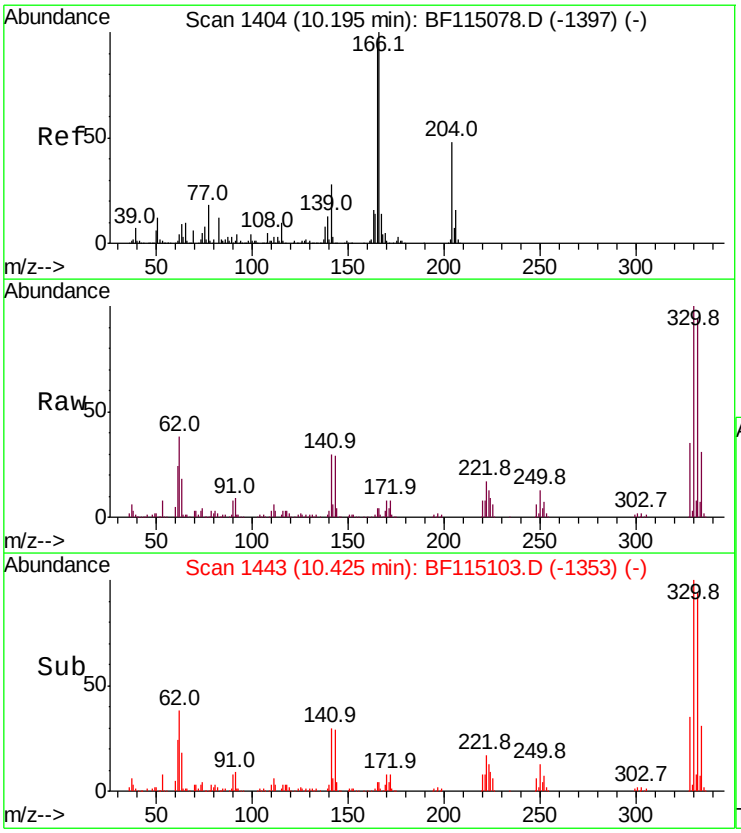
#57
2,4-Dinitrotoluene
Concen: 5.857 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:165 Resp: 61234

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#

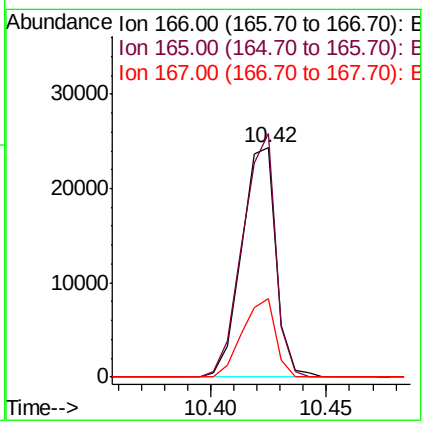


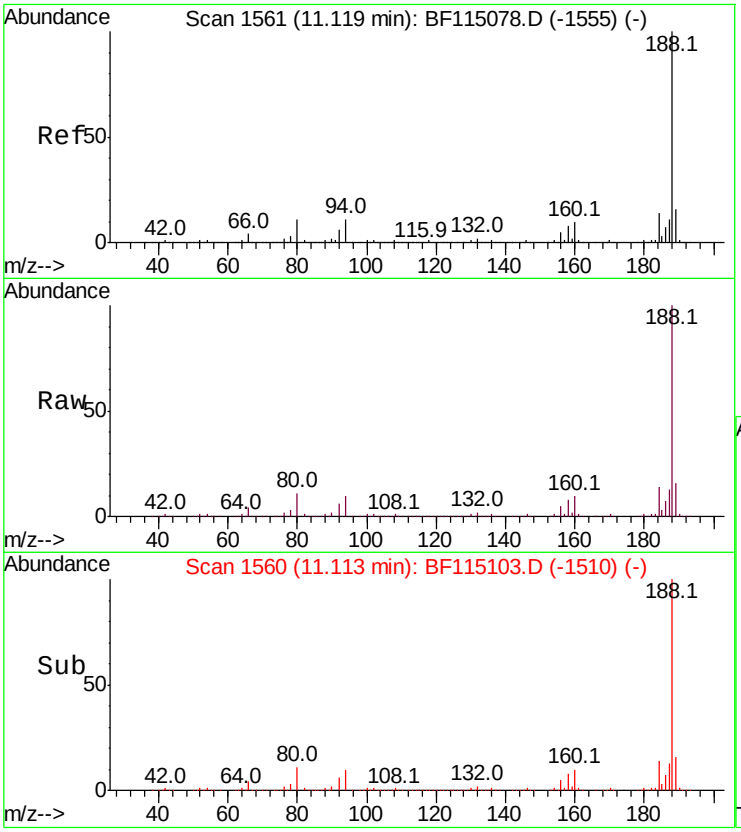


#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1443
Delta R.T. 0.23 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:166 Resp: 25398

Ion	Ratio	Lower	Upper
166	100		
165	106.2	76.5	114.7
167	34.4	11.0	16.4#



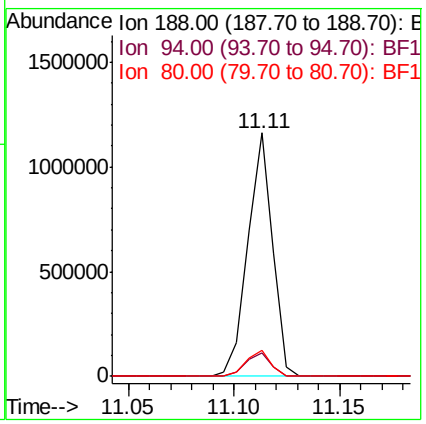


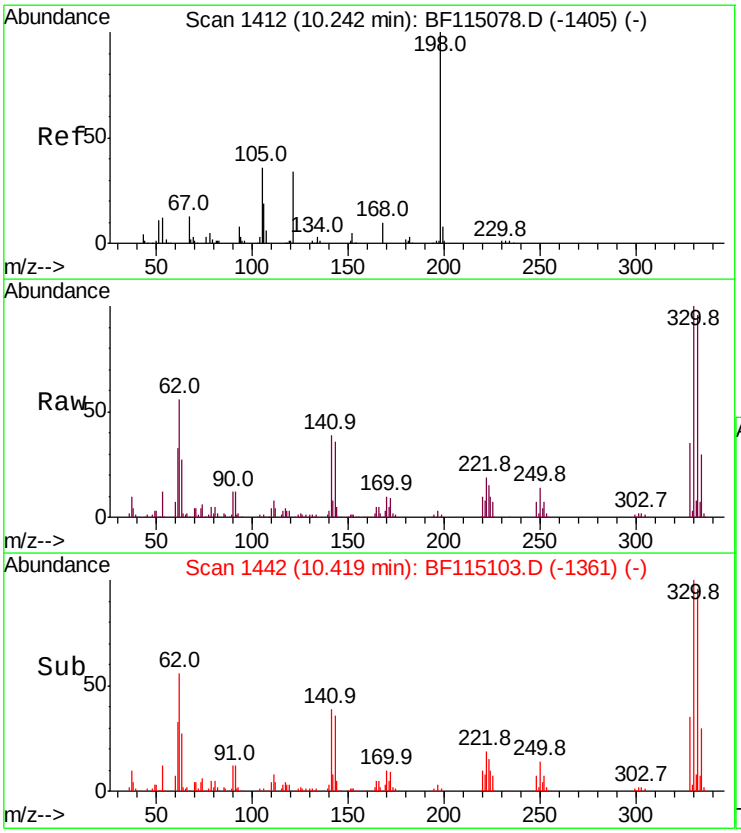
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:188 Resp: 947523

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.6	12.8
80	10.6	8.8	13.2

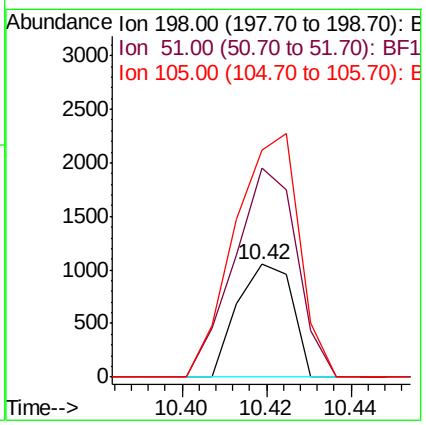


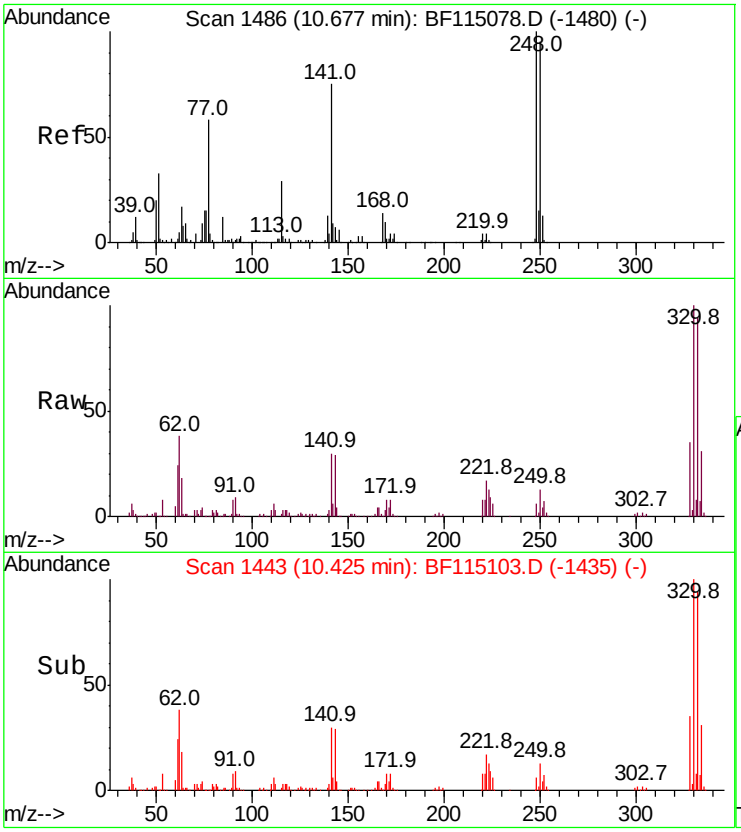


#65
4,6-Dinitro-2-methylphenol
Concen: 5.129 ng
RT: 10.42 min Scan# 1442
Delta R.T. 0.18 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:198 Resp: 951

Ion	Ratio	Lower	Upper
198	100		
51	184.9	11.0	51.0#
105	201.2	17.3	57.3#



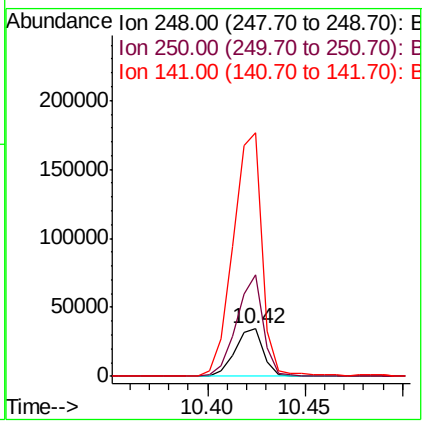


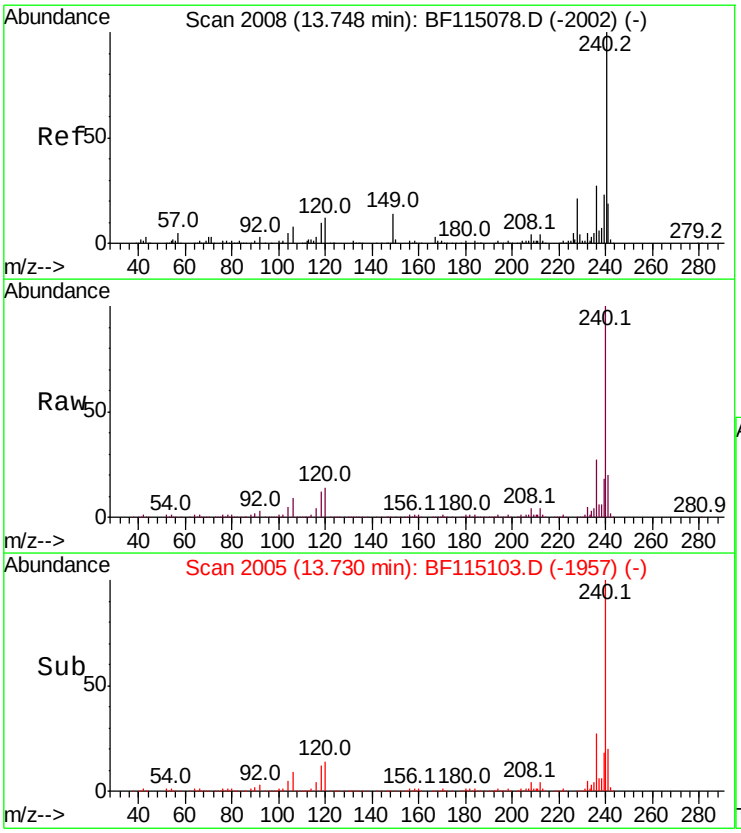
#67
4-Bromophenyl-phenylether
Concen: 3.354 ng
RT: 10.42 min Scan# 1443
Delta R.T. -0.25 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:248 Resp: 34456

Ion	Ratio	Lower	Upper
248	100		
250	213.4	76.2	114.2#
141	511.7	59.6	89.4#

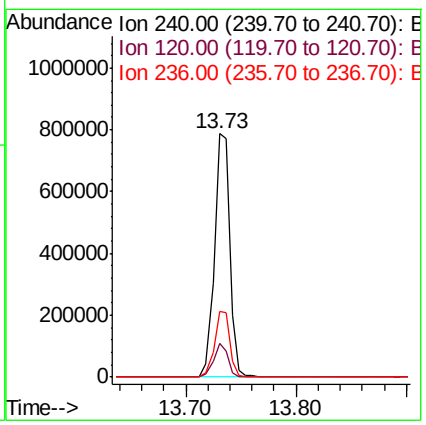


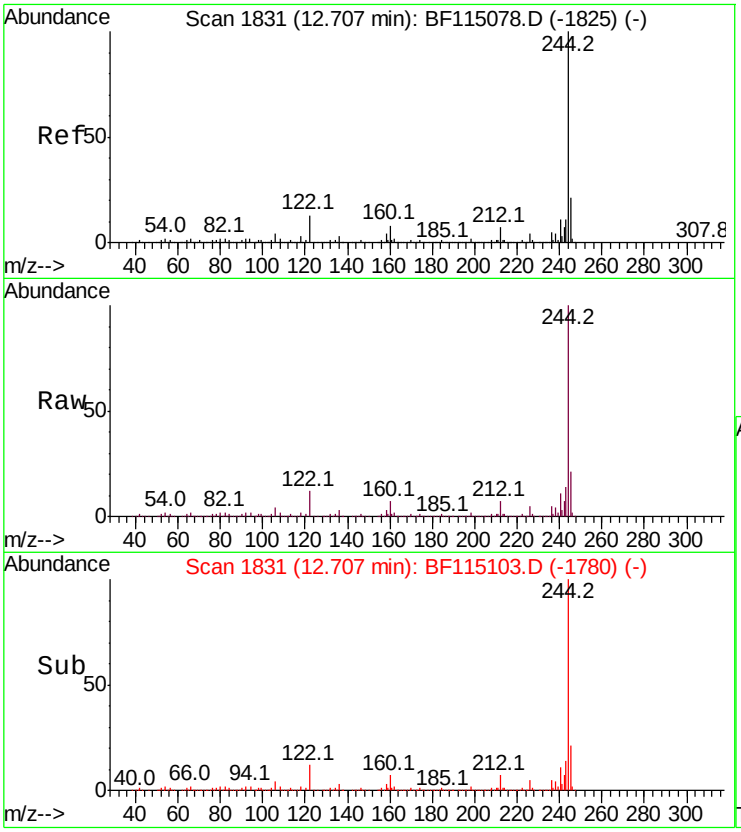


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:240 Resp: 759007

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.4	14.2
236	27.1	21.7	32.5



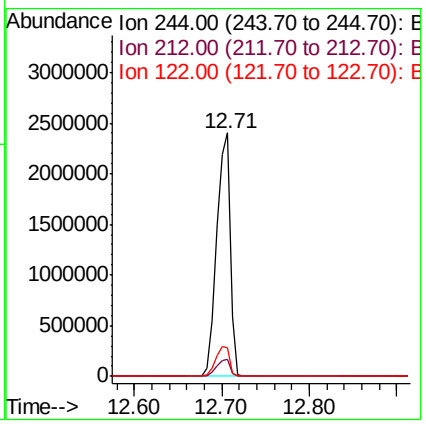


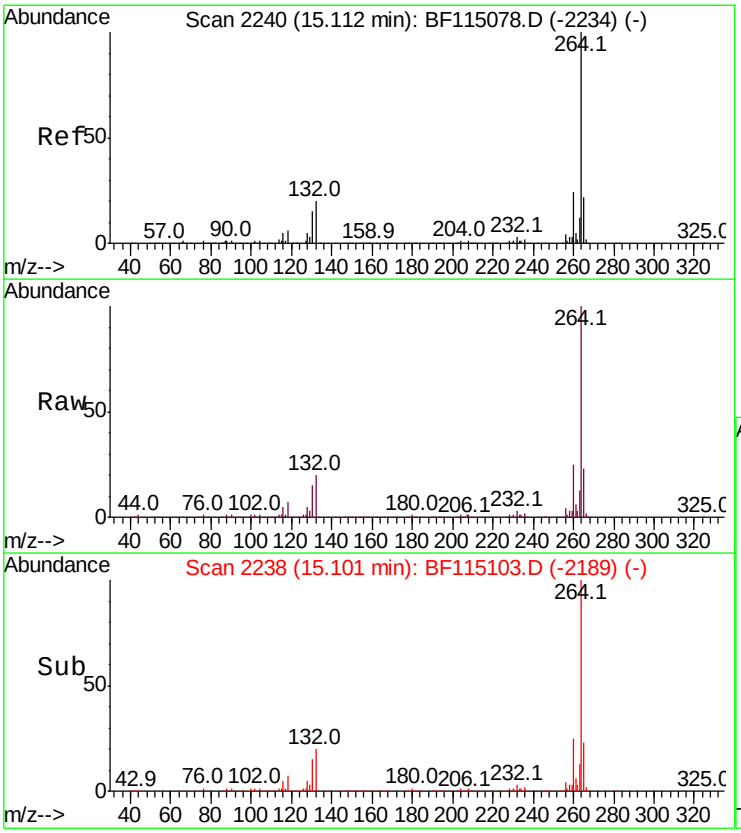
#79
Terphenyl-d14
Concen: 72.709 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tgt Ion:244 Resp: 2595619

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.5	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:264 Resp: 768539

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.7	17.3	25.9