Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115355.D
Acq On : 2 Jul 2019 11:16
Operator : HP/JU
Sample : PB121082BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121082BL

Quant Time: Jul 02 12:00:48 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 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	205125	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	785076	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	383691	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	753025	20.00	ng	0.00
76) Chrysene-d12	13.72	240	595305	20.00	ng	0.00
87) Perylene-d12	15.11	264	625714	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1410234	106.09	ng	0.02
7) Phenol-d6	6.25	99	1759955	109.09	ng	0.01
23) Nitrobenzene-d5	7.17	82	1099182	86.13	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	515266	127.35	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2115539	93.66	ng	0.00
79) Terphenyl-d14	12.69	244	2301680	82.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	145527	14.089	ng	# 76
25) Isophorone	7.17	82	1073888	41.076	ng	# 63
50) Dimethylphthalate	9.63	163	95655	3.389	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	48416	7.429	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	48418	5.754	ng	# 30
58) Fluorene	10.41	166	22361	Below Cal		# 84
65) 4,6-Dinitro-2-methylphenol	10.41	198	969	5.177	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	31736	3.887	ng	# 1

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

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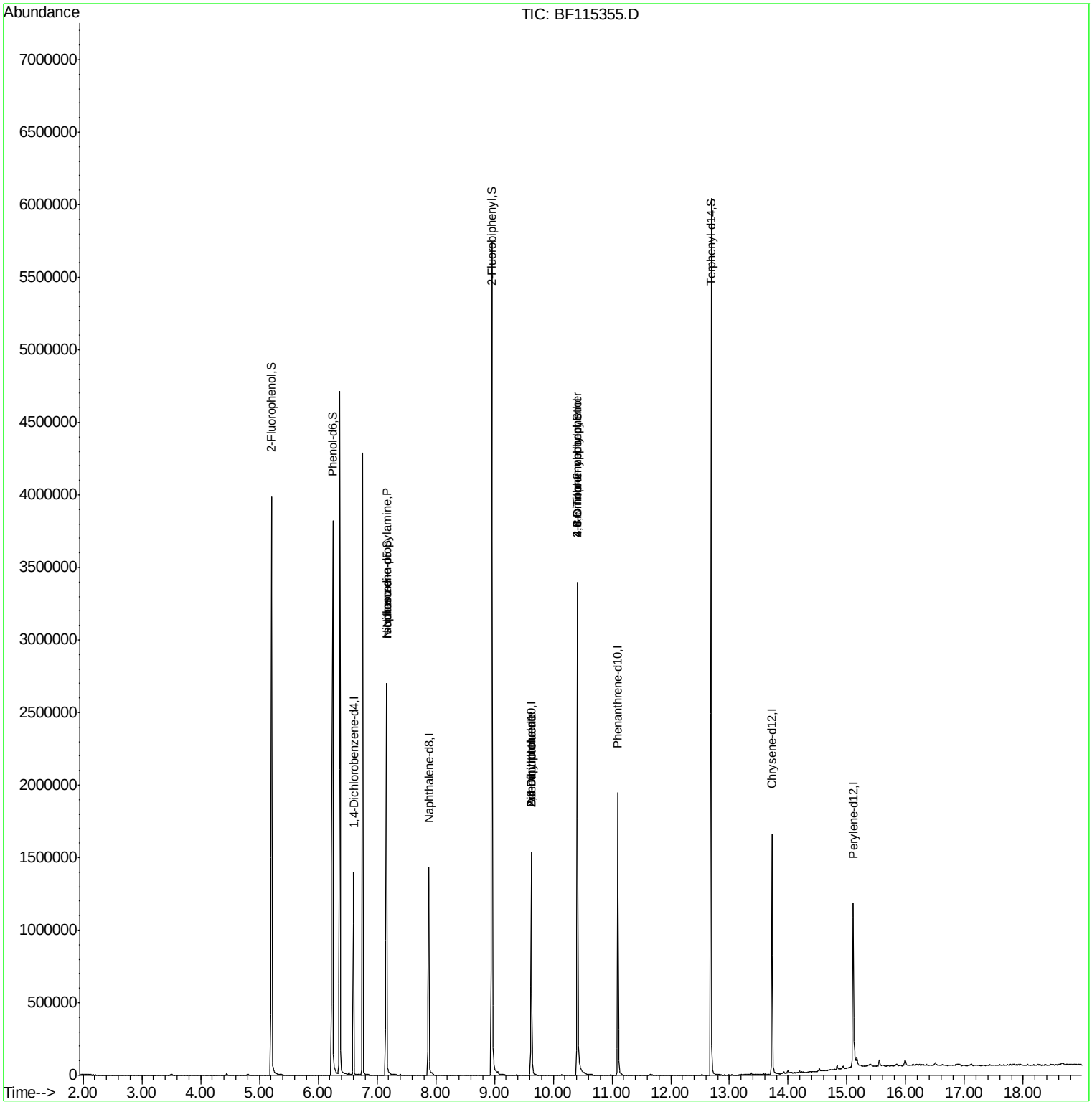
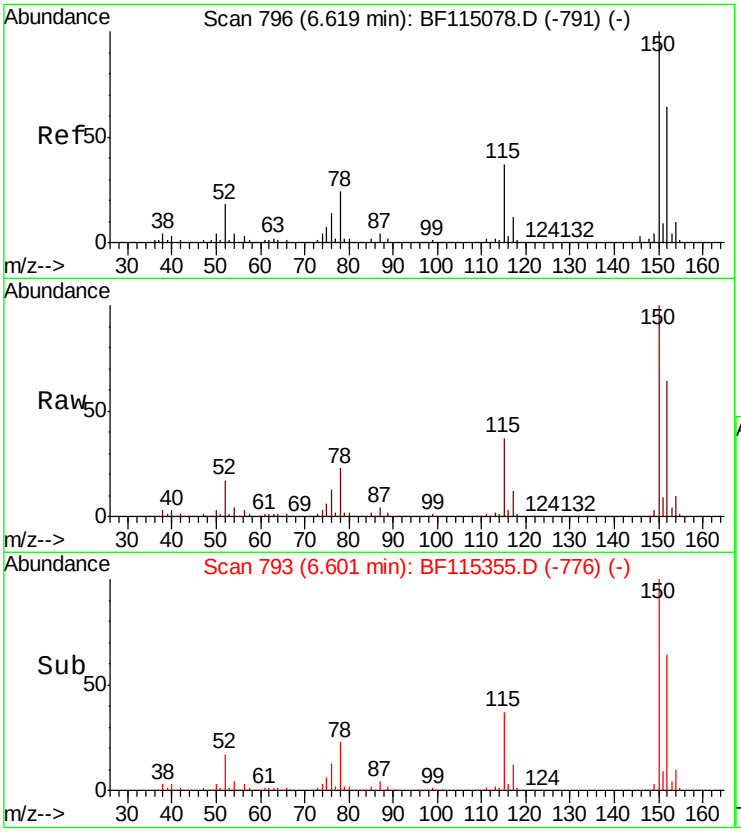


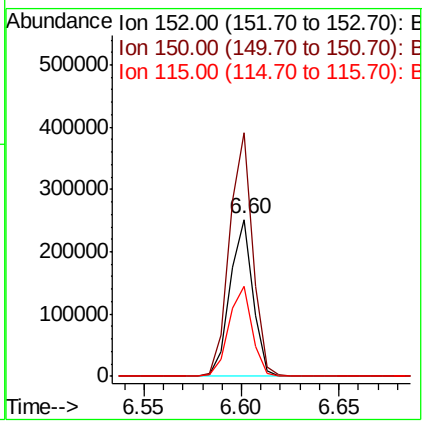


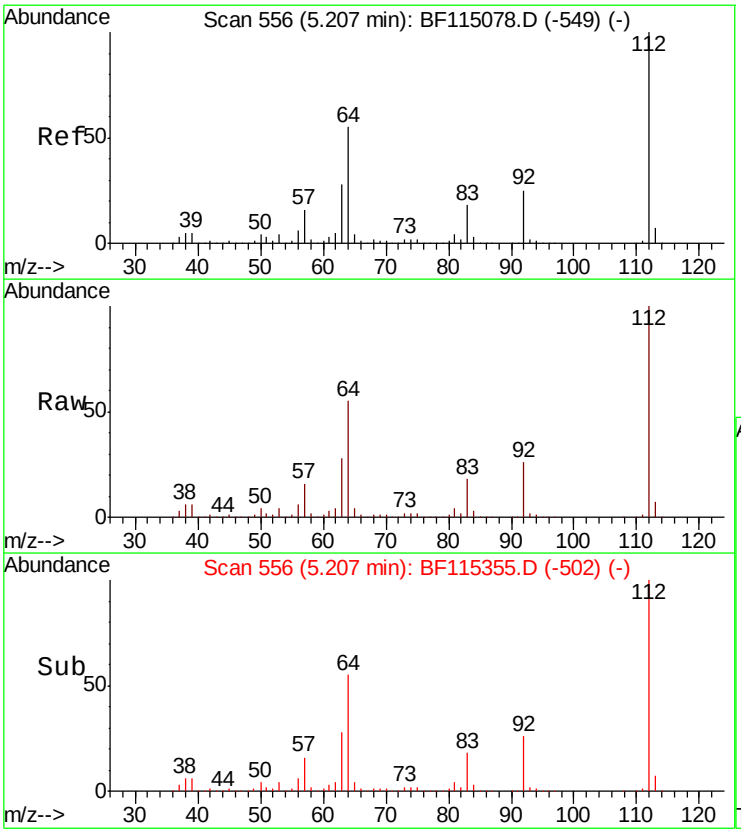
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:152 Resp: 205125

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.2
115	57.2	46.1	69.1

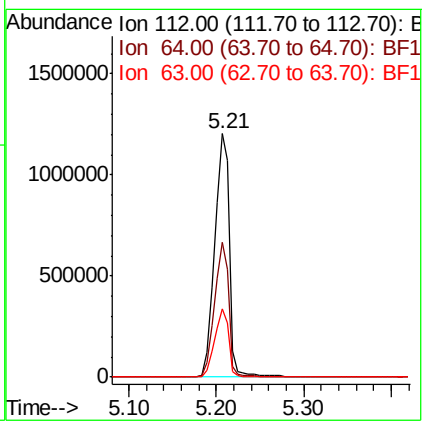


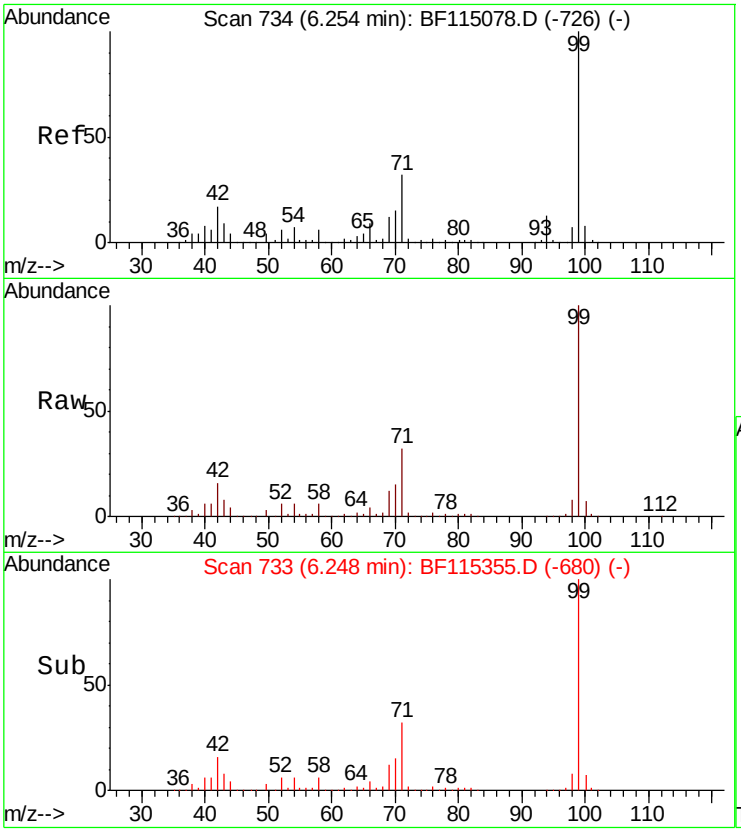


#5
2-Fluorophenol
Concen: 106.093 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:112 Resp: 1410234

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.8	65.6
63	28.3	22.2	33.4



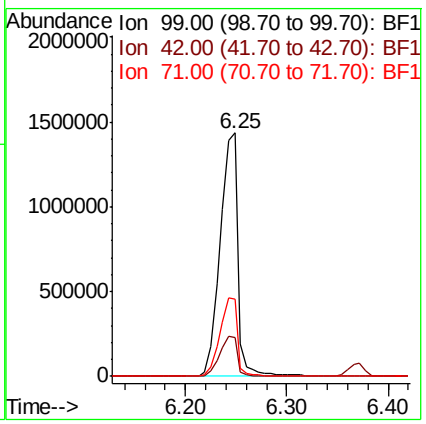


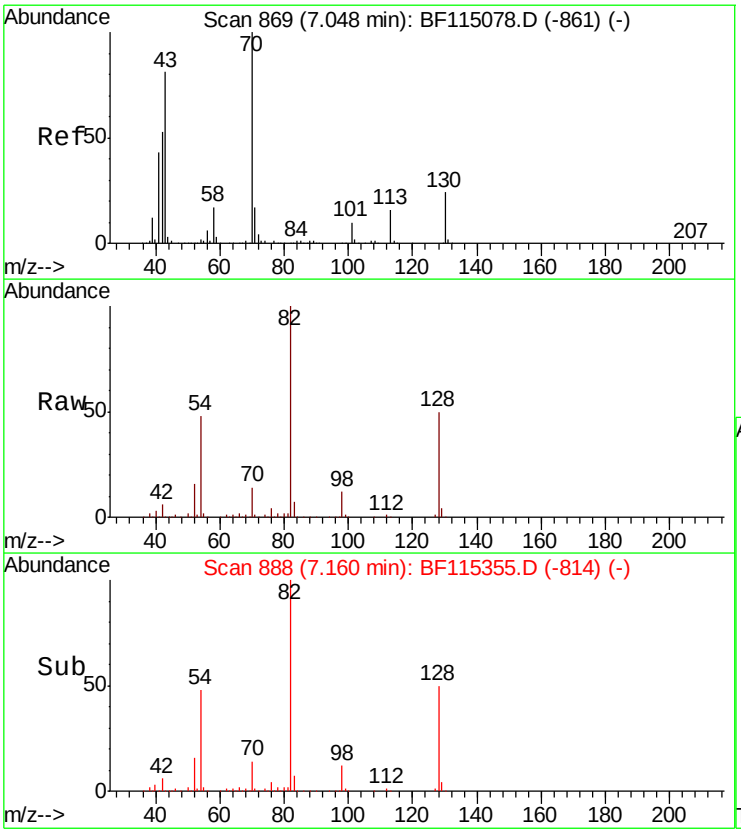
#7
Phenol-d6
Concen: 109.085 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion: 99 Resp: 1759955

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.6	20.4
71	31.7	25.5	38.3

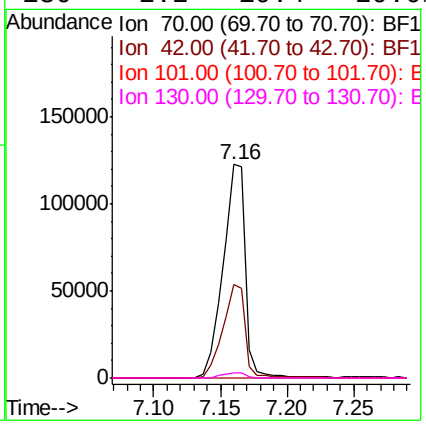


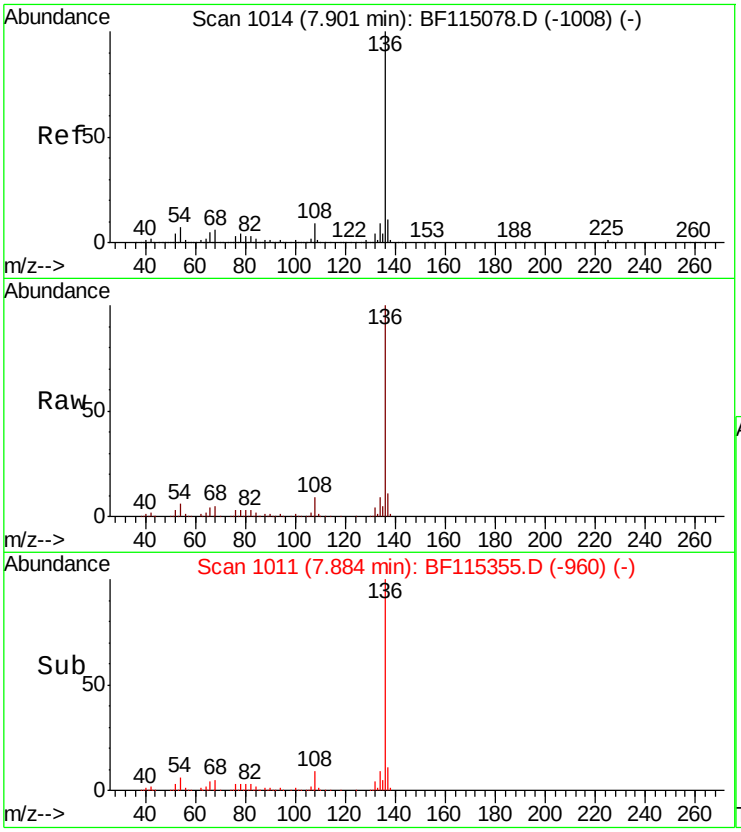


#19
n-Nitroso-di-n-propylamine
Concen: 14.089 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion: 70 Resp: 145527

Ion	Ratio	Lower	Upper
70	100		
42	43.7	42.6	63.8
101	0.0	8.0	12.0#
130	2.2	19.4	29.0#



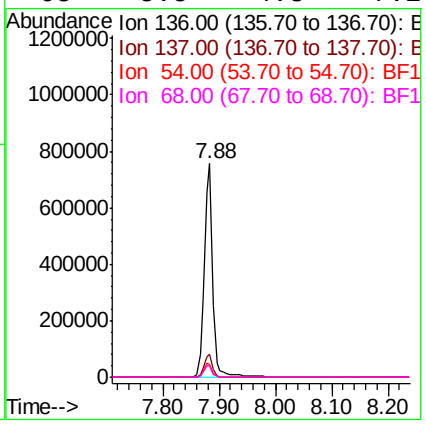


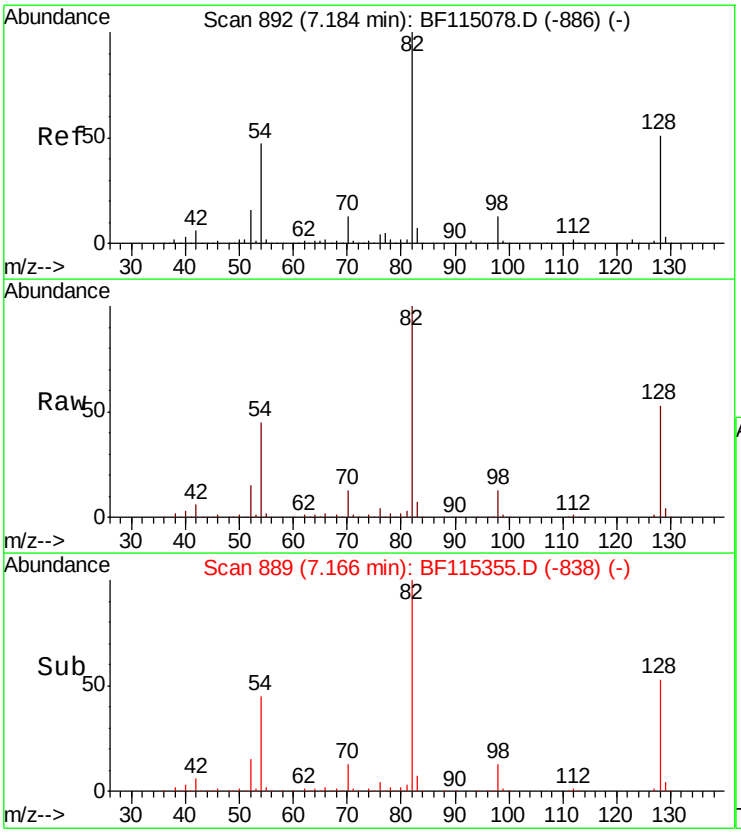
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:136 Resp: 785076

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.6	8.4
68	5.5	4.8	7.2

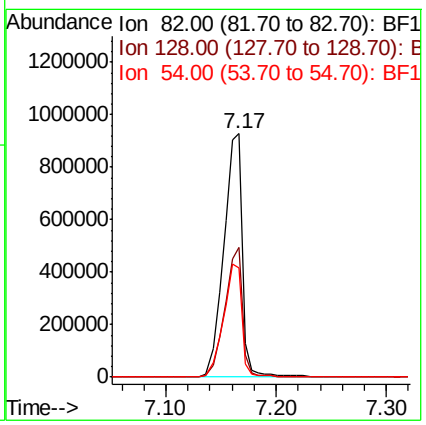


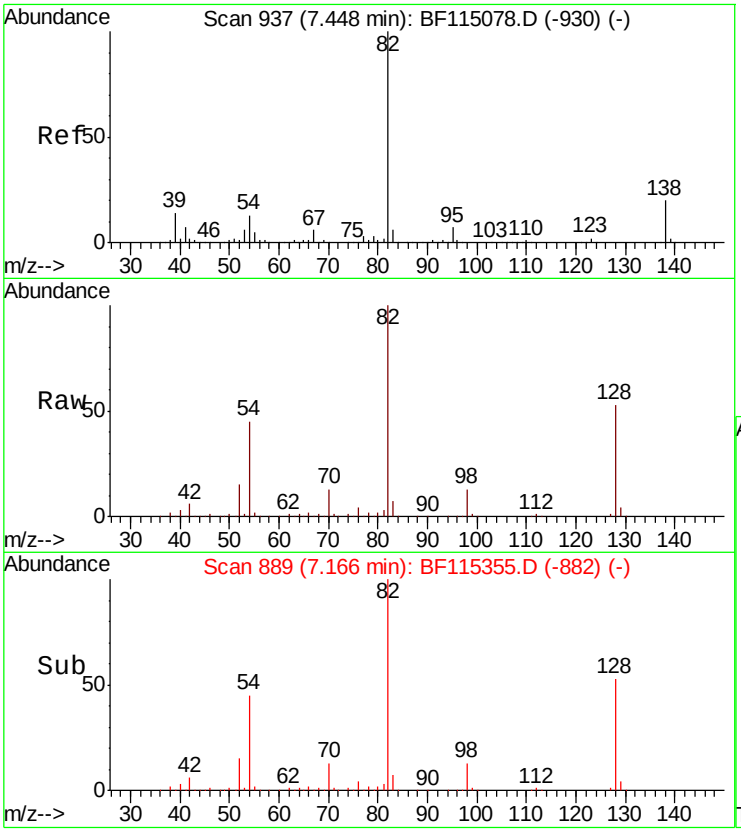


#23
Nitrobenzene-d5
Concen: 86.127 ng
RT: 7.17 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion: 82 Resp: 1099182

Ion	Ratio	Lower	Upper
82	100		
128	53.1	40.4	60.6
54	44.9	37.5	56.3



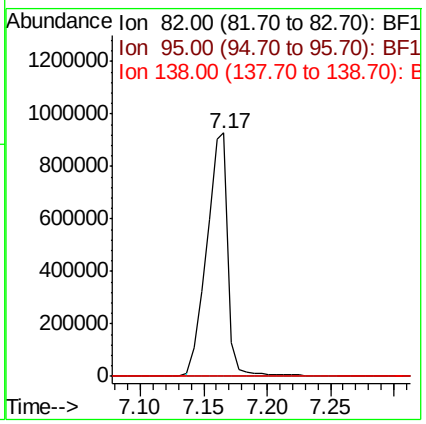


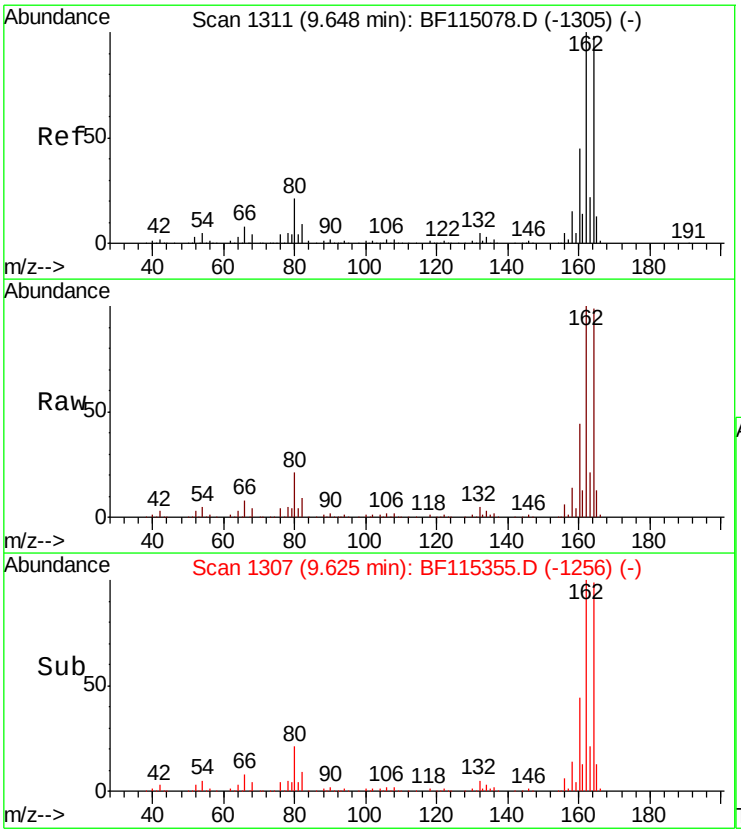
#25
Isophorone
Concen: 41.076 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion: 82 Resp: 1073888

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

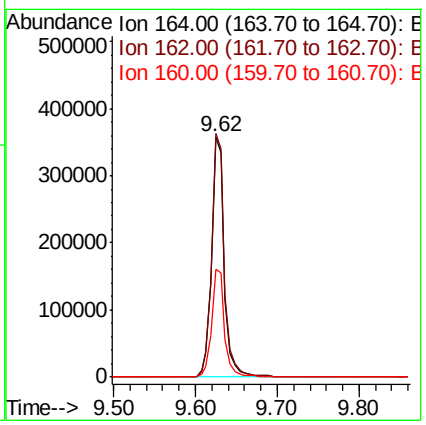


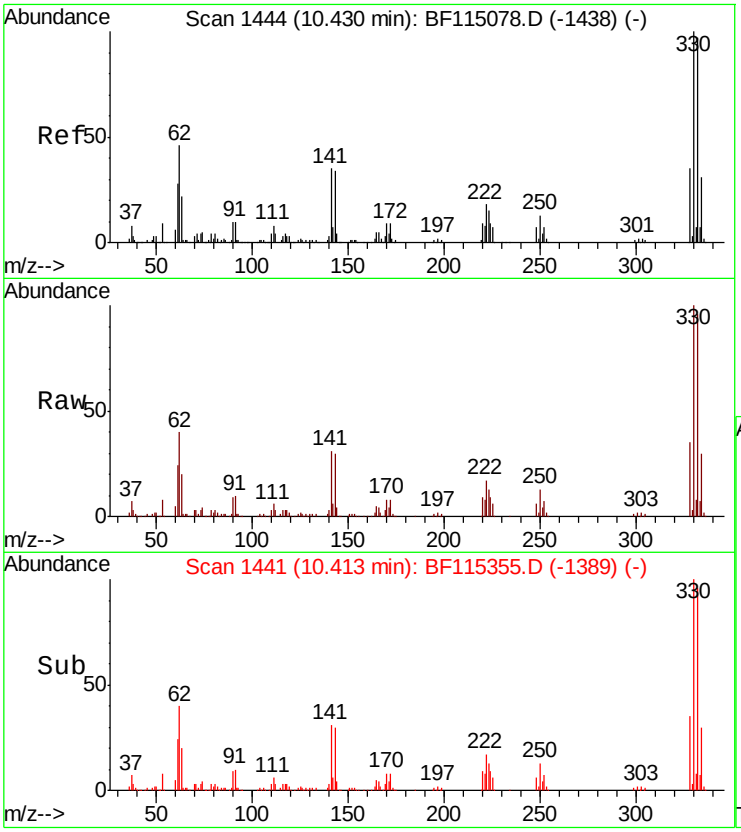


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:164 Resp: 383691

Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.7	122.5
160	44.9	37.0	55.4



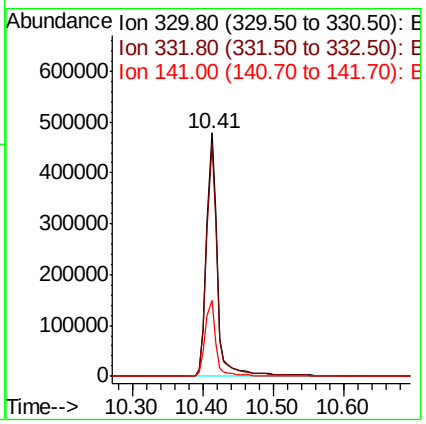


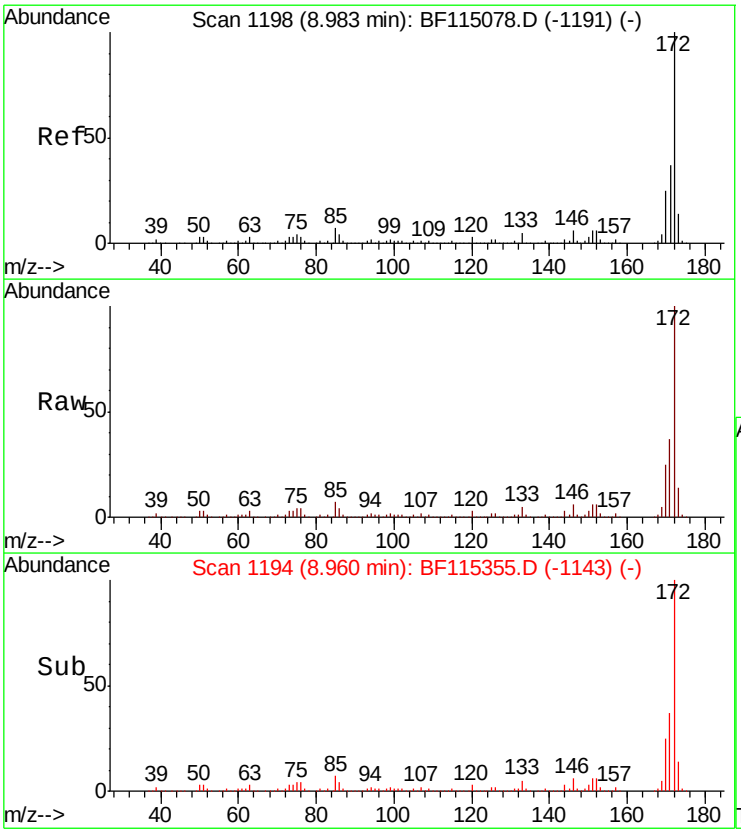
#42
2,4,6-Tribromophenol
Concen: 127.347 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:330 Resp: 515266

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	31.5	28.2	42.2

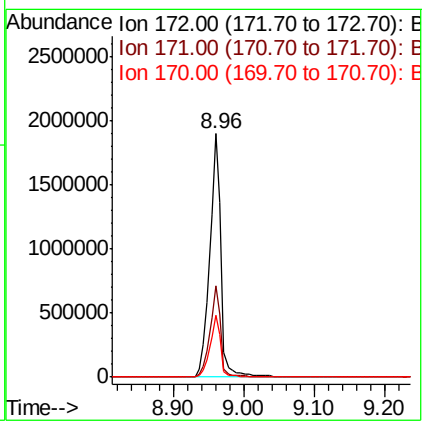


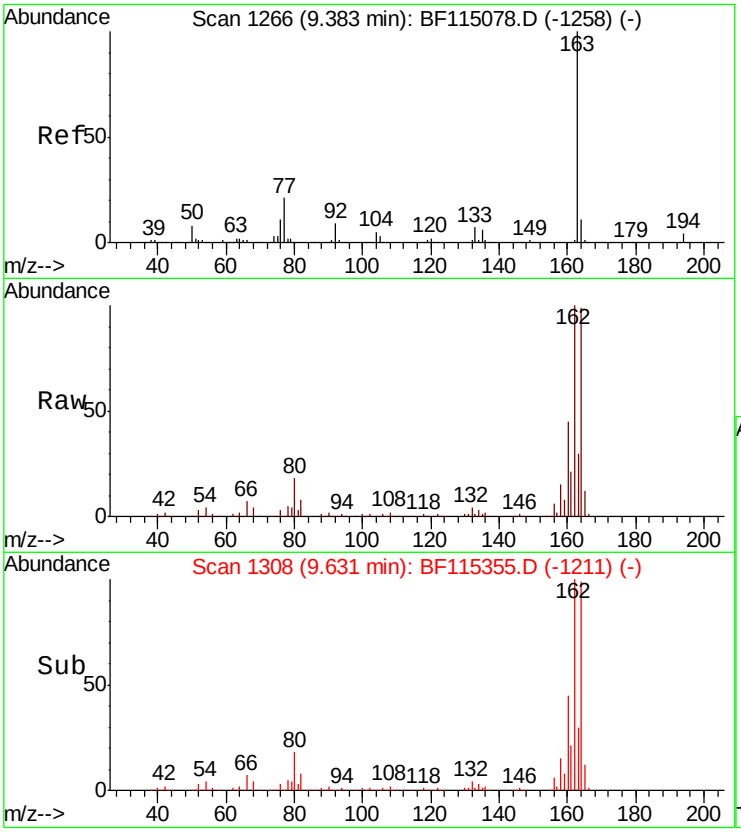


#45
2-Fluorobiphenyl
Concen: 93.656 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:172 Resp: 2115539

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.5	20.3	30.5



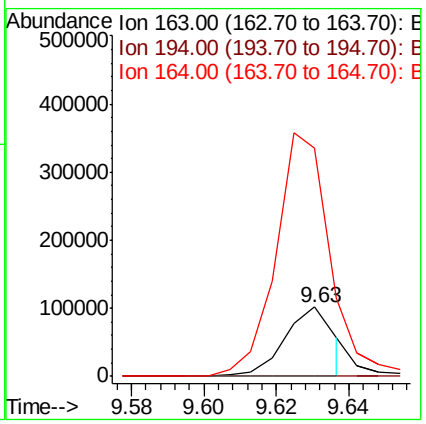


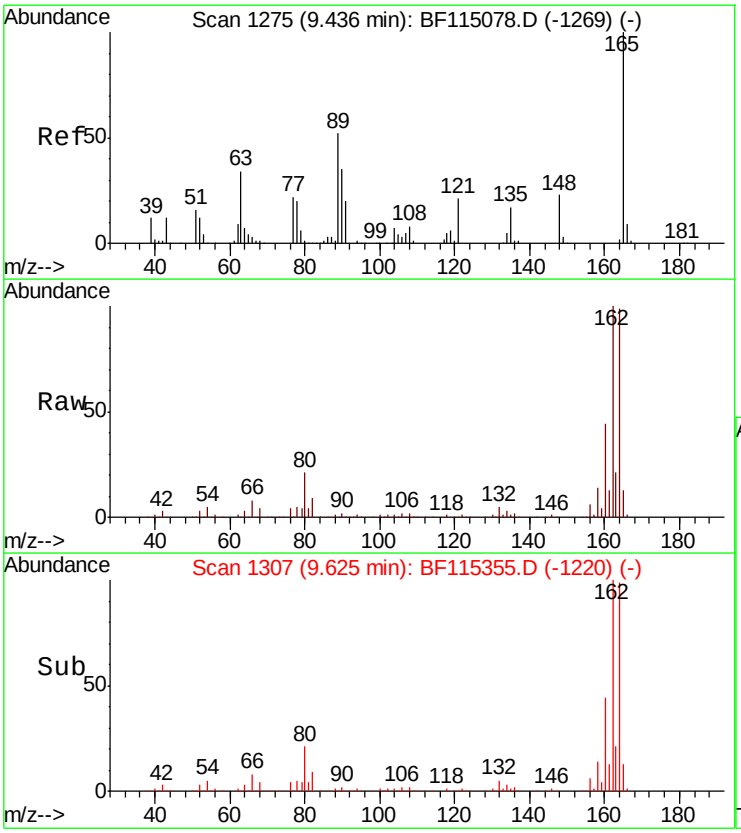
#50
Dimethylphthalate
Concen: 3.389 ng
RT: 9.63 min Scan# 1308
Delta R.T. 0.27 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:163 Resp: 95655

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	328.2	8.6	13.0#

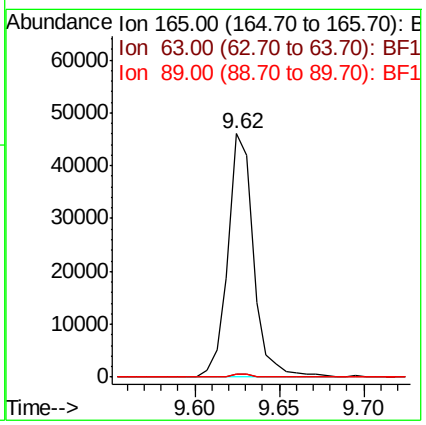


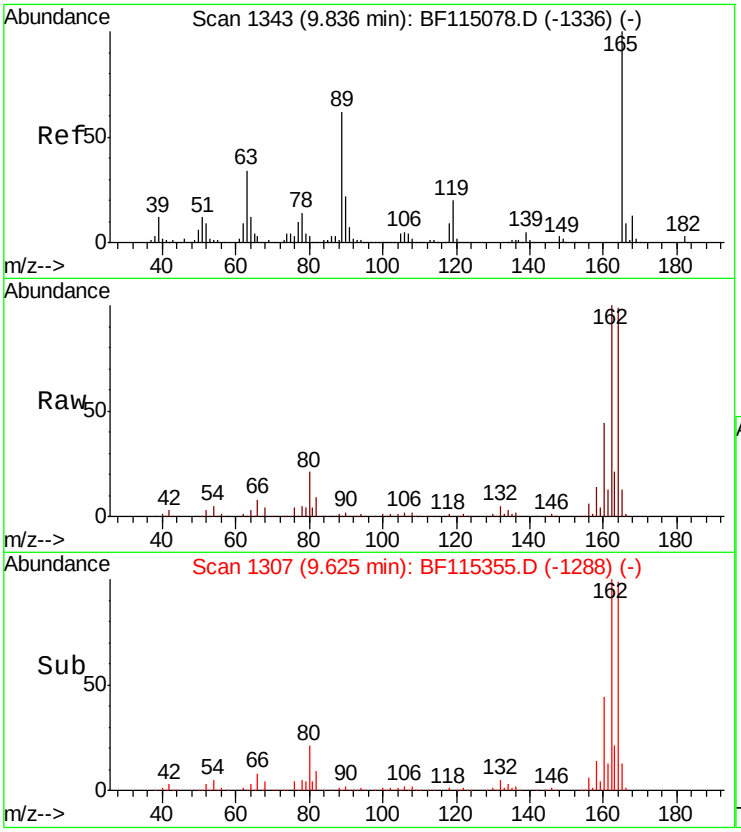


#51
2,6-Dinitrotoluene
Concen: 7.429 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:165 Resp: 48416

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



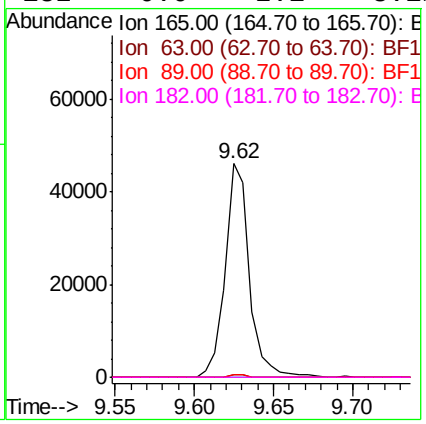


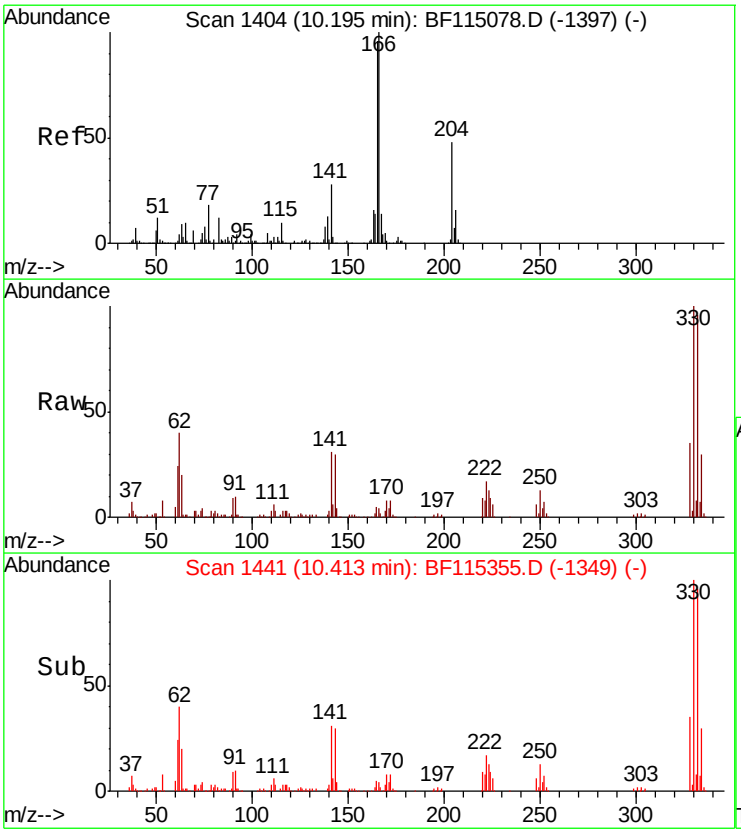
#57
2,4-Dinitrotoluene
Concen: 5.754 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:165 Resp: 48418

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#

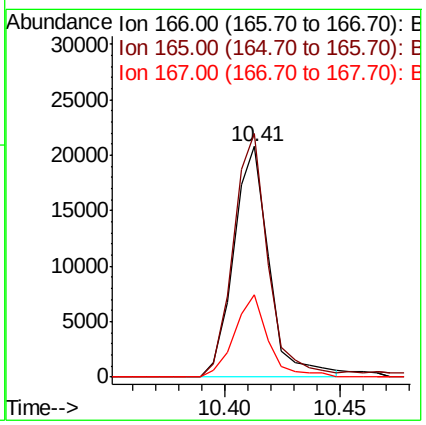


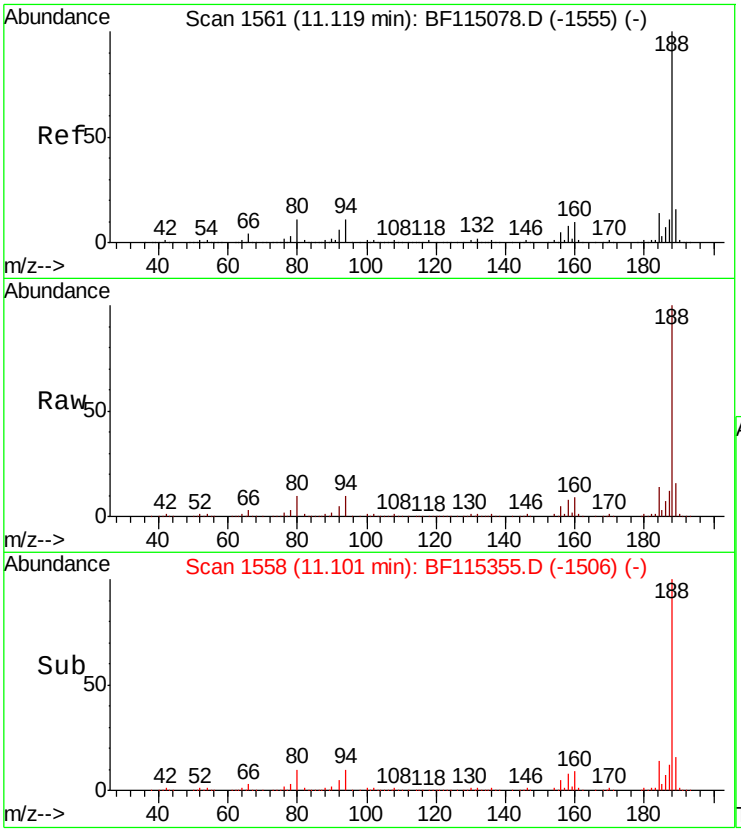


#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1441
Delta R.T. 0.24 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:166 Resp: 22361

Ion	Ratio	Lower	Upper
166	100		
165	105.7	76.5	114.7
167	35.6	11.0	16.4#



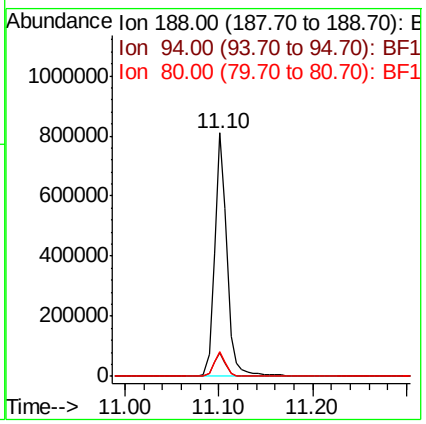


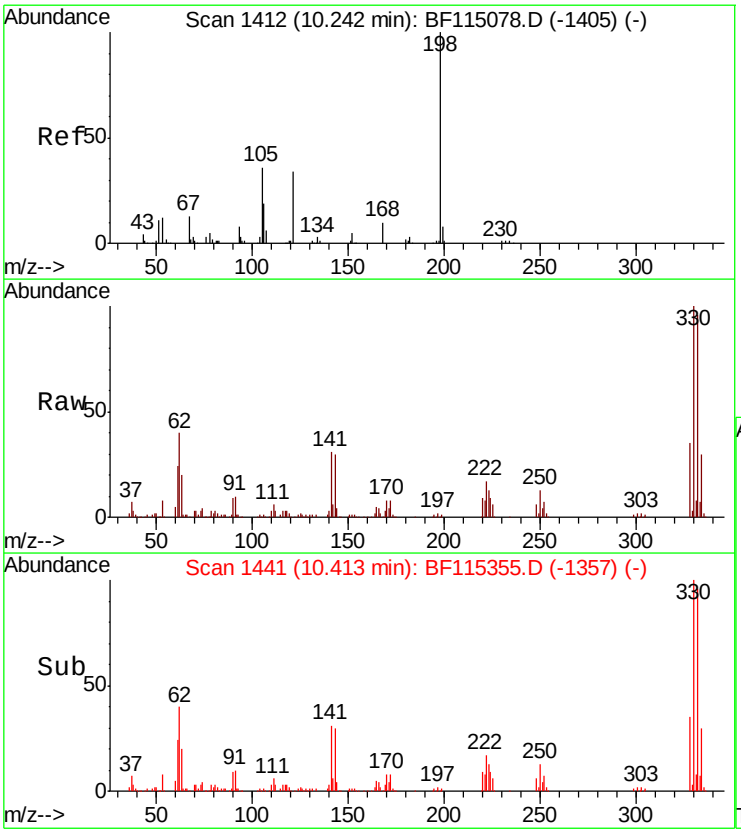
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:188 Resp: 753025

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.6	12.8
80	10.2	8.8	13.2

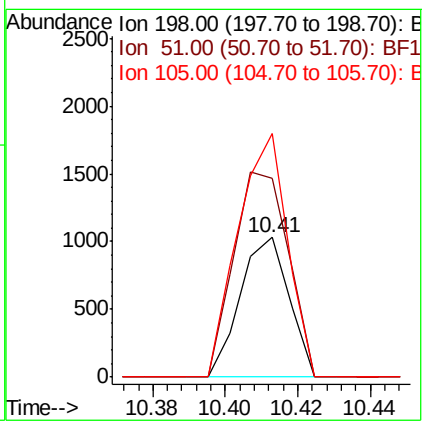


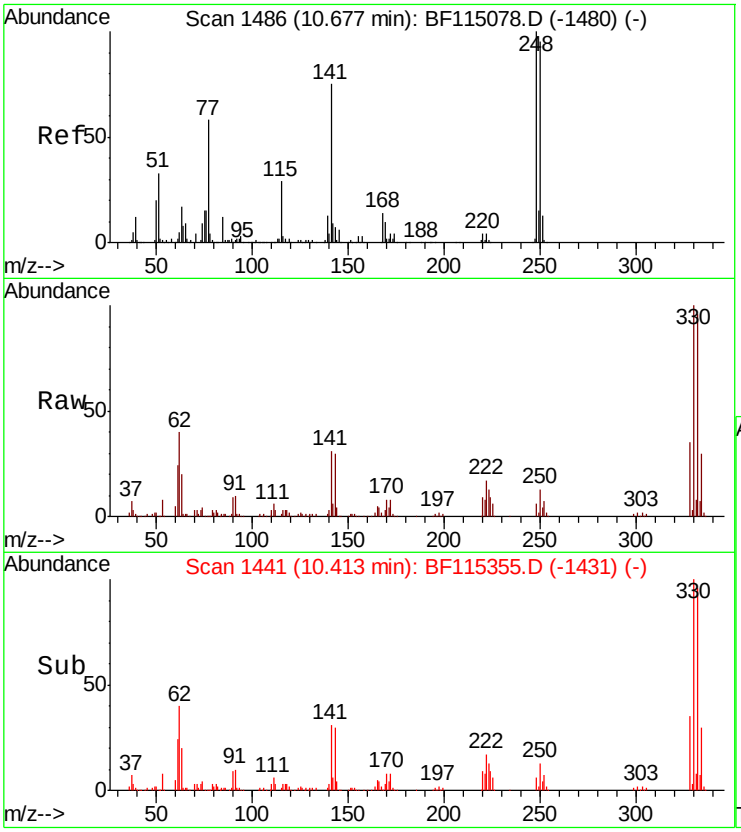


#65
4,6-Dinitro-2-methylphenol
Concen: 5.177 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.19 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:198 Resp: 969

Ion	Ratio	Lower	Upper
198	100		
51	142.6	11.0	51.0#
105	174.3	17.3	57.3#



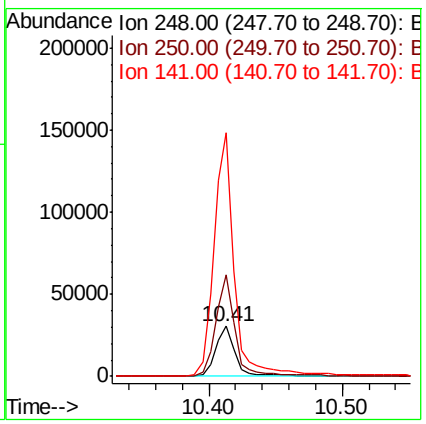


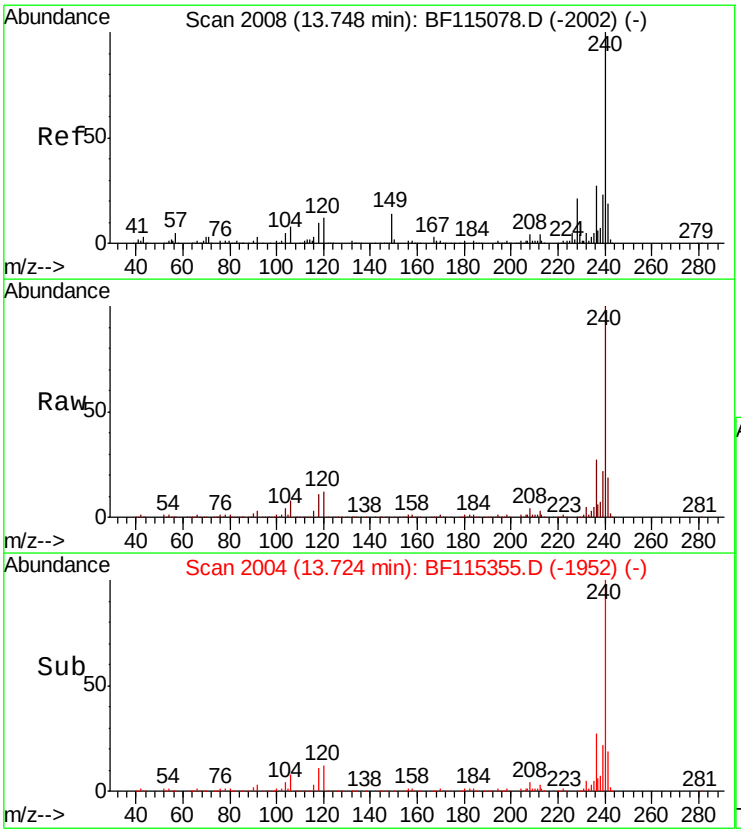
#67
4-Bromophenyl-phenylether
Concen: 3.887 ng
RT: 10.41 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:248 Resp: 31736

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.2	114.2#
141	486.2	59.6	89.4#

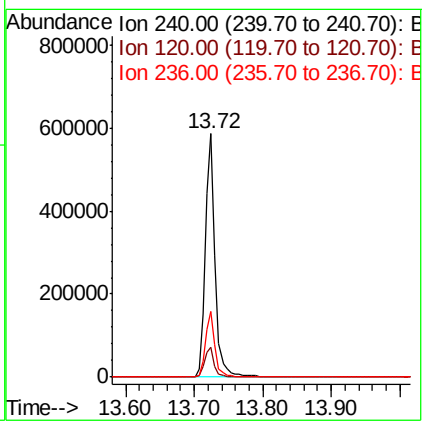


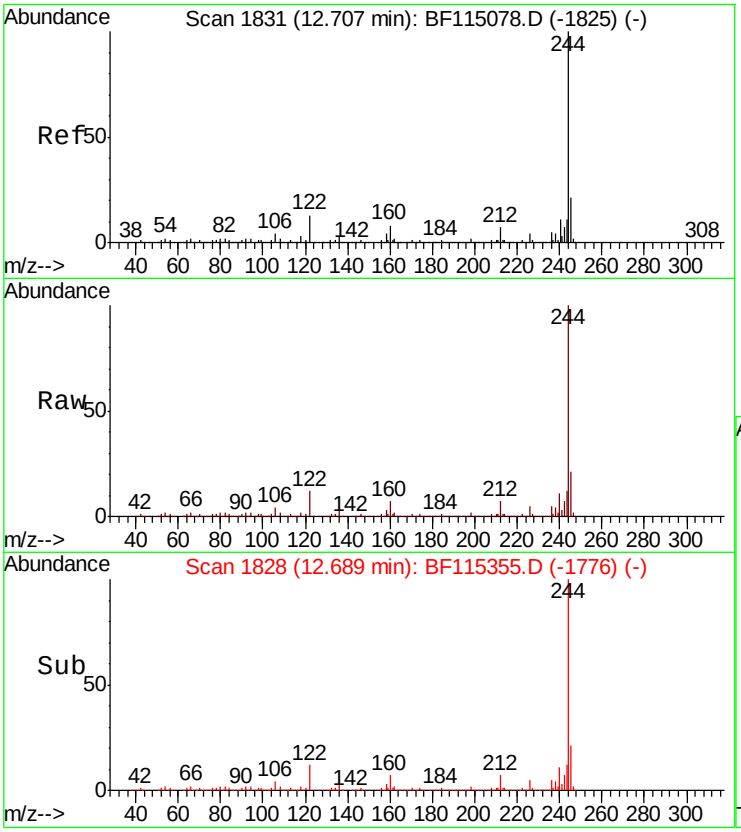


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:240 Resp: 595305

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	27.1	21.7	32.5



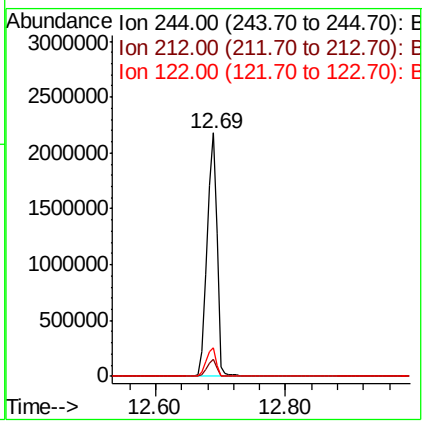


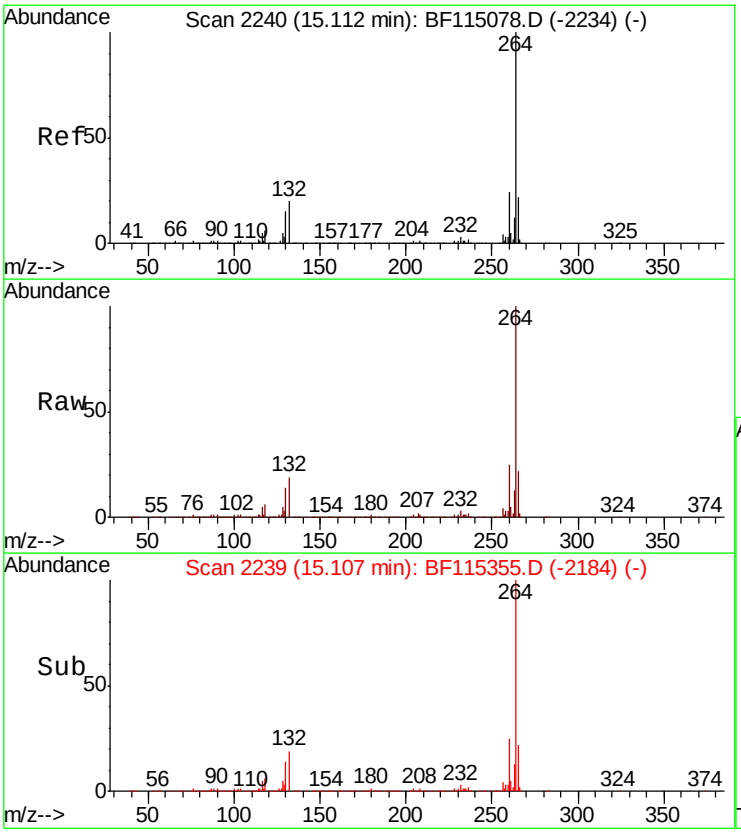
#79
Terphenyl-d14
Concen: 82.205 ng
RT: 12.69 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Instrument :
BNA_F
ClientSampleId :
PB121082BL

Tgt Ion:244 Resp: 2301680

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.6	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF115355.D
Acq: 2 Jul 2019 11:16

Tgt Ion:264 Resp: 625714

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.1	17.3	25.9