Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115170.D
Acq On : 25 Jun 2019 1:41
Operator : HP/JU
Sample : K3500-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-6(7.5-8)

Quant Time: Jun 25 07:45:25 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	282200	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1071705	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	533776	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	1003475	20.00	ng		0.00
76) Chrysene-d12	13.74	240	415680	20.00	ng		0.00
87) Perylene-d12	15.13	264	486088	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	608476	33.27	ng		0.00
7) Phenol-d6	6.24	99	778006	35.05	ng		-0.01
23) Nitrobenzene-d5	7.17	82	438549	25.17	ng		-0.02
42) 2,4,6-Tribromophenol	10.42	330	218461	38.81	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	866495	27.57	ng		-0.02
79) Terphenyl-d14	12.70	244	707657	36.20	ng		-0.01
Target Compounds							Qvalue
20) 3+4-Methylphenols	7.02	107	56036	2.859	ng	#	63
25) Isophorone	7.17	82	433074	12.135	ng	#	63
37) 2-Methylnaphthalene	8.60	142	71954	2.029	ng		99
38) 1-Methylnaphthalene	8.60	142	71954	2.124	ng		96
50) Dimethylphthalate	9.36	163	110657	2.818	ng	#	98
54) 2,4-Dinitrophenol	9.76	184	406	7.423	ng	#	1
57) 2,4-Dinitrotoluene	9.64	165	73939	6.316	ng	#	31
58) Fluorene	10.18	166	7132	Below Cal		#	64
61) 4-Chlorophenyl-phenylether	10.20	204	1228	Below Cal		#	1
65) 4,6-Dinitro-2-methylphenol	10.21	198	456	5.036	ng	#	1
78) Pyrene	12.54	202	76263	2.387	ng	#	85
84) Bis(2-ethylhexyl)phthalate	13.76	149	199952	10.824	ng	#	96
92) Benzo(g,h,i)perylene	16.78	276	57473	2.225	ng	#	57

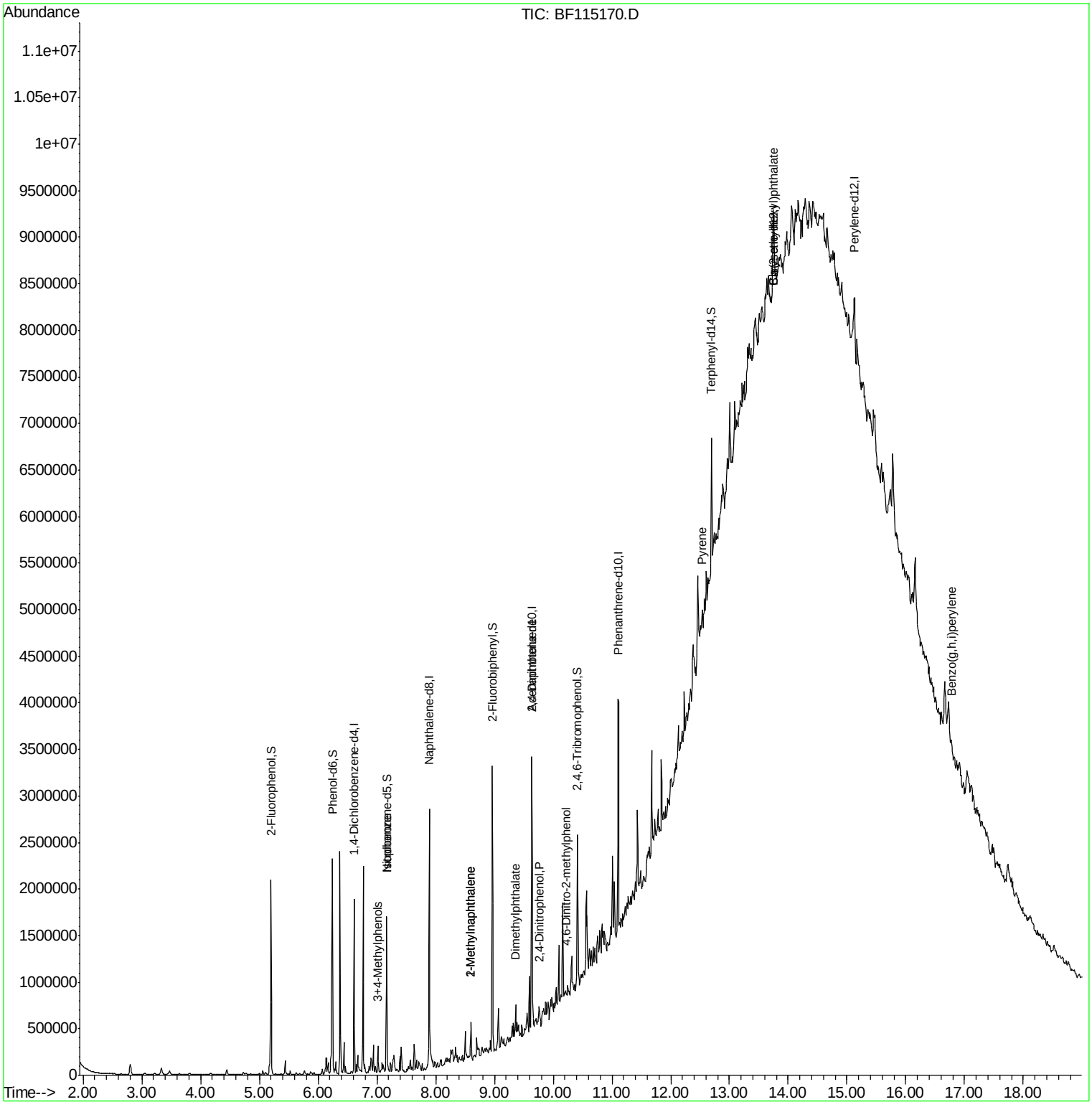
(#) = qualifier out of range (m) = manual integration (+) = signals summed

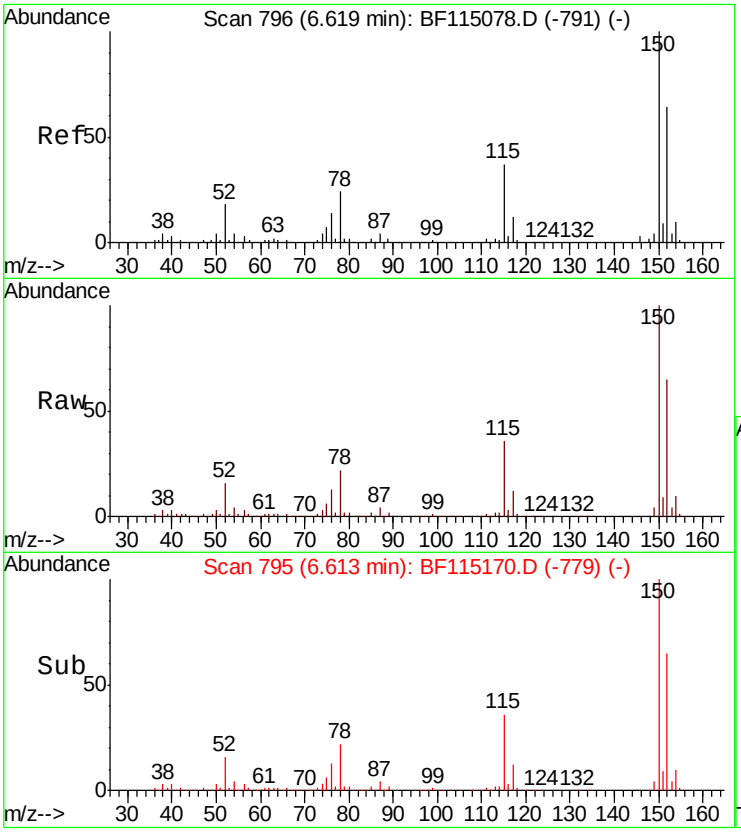
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115170.D
Acq On : 25 Jun 2019 1:41
Operator : HP/JU
Sample : K3500-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Quant Time: Jun 25 07:45:25 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



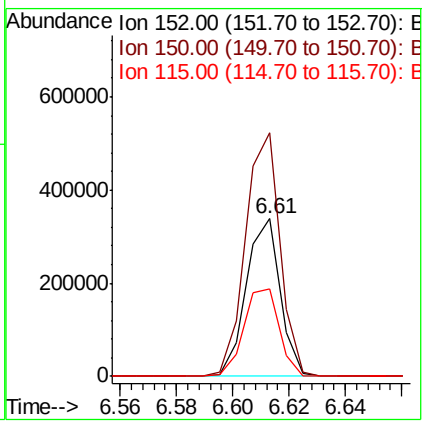


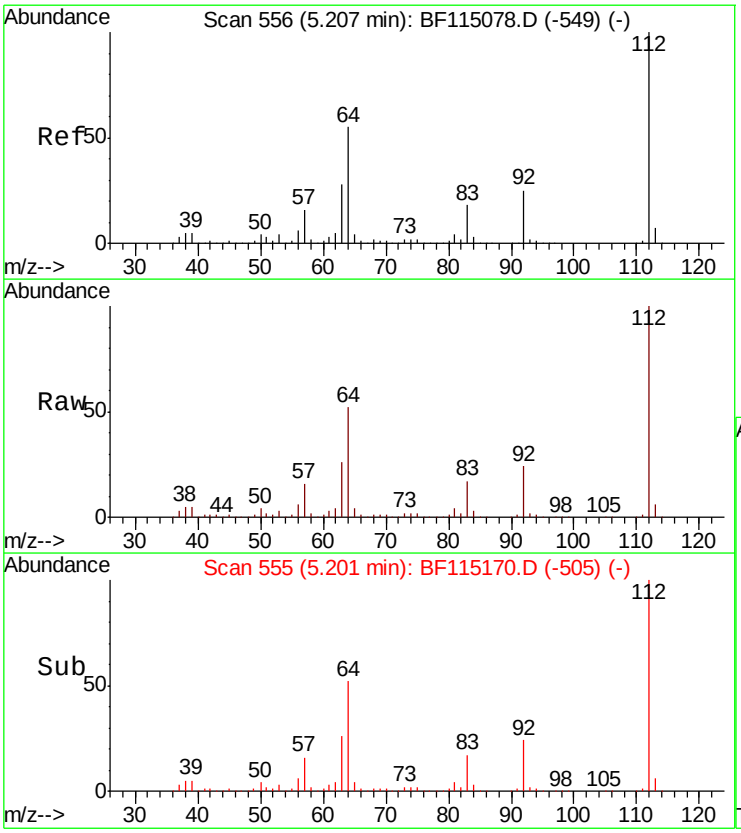
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:152 Resp: 282200

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.2	186.2
115	55.9	46.1	69.1

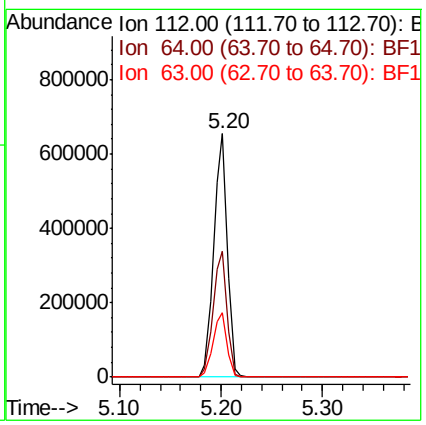


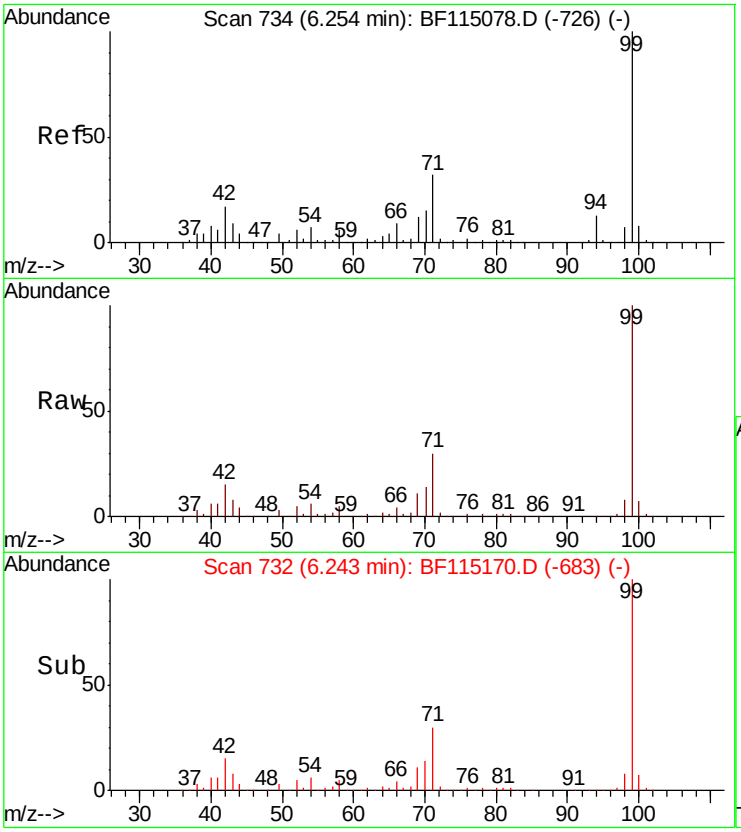


#5
2-Fluorophenol
Concen: 33.274 ng
RT: 5.20 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:112 Resp: 608476

Ion	Ratio	Lower	Upper
112	100		
64	51.9	43.8	65.6
63	26.4	22.2	33.4



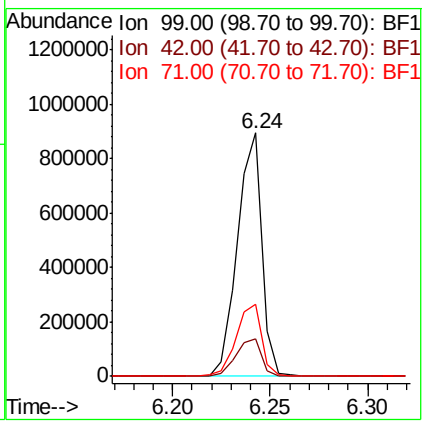


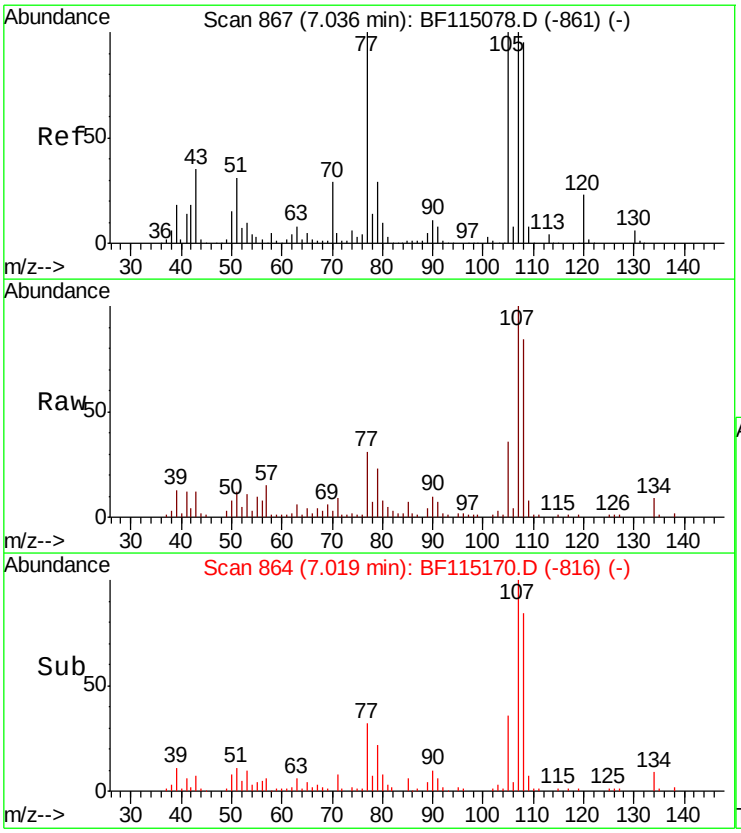
#7
Phenol-d6
Concen: 35.052 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion: 99 Resp: 778006

Ion	Ratio	Lower	Upper
99	100		
42	15.2	13.6	20.4
71	29.9	25.5	38.3

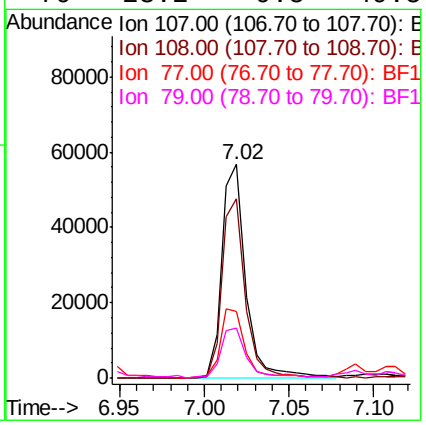


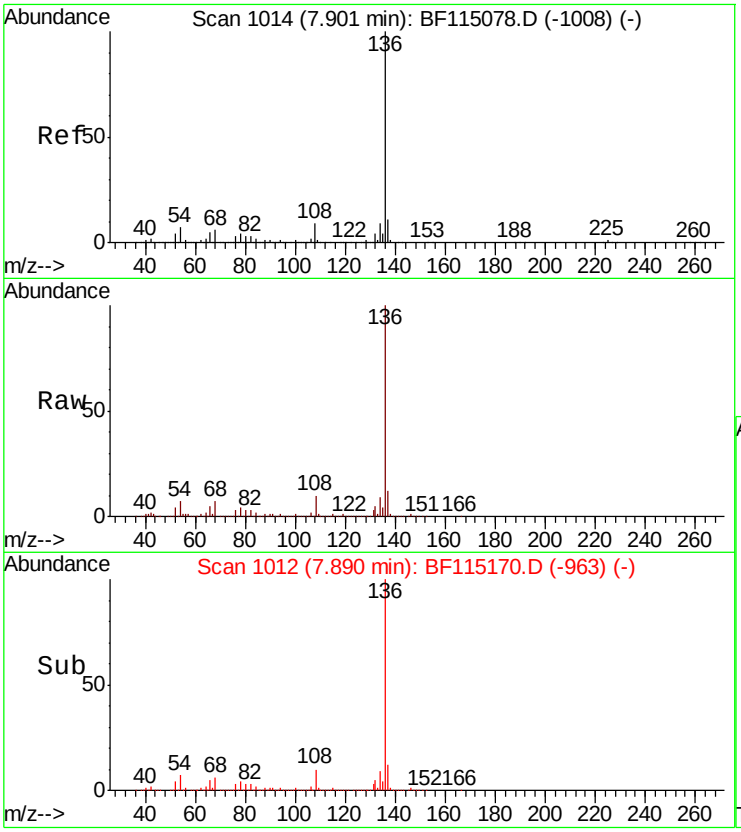


#20
3+4-Methylphenols
Concen: 2.859 ng
RT: 7.02 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:107 Resp: 56036

Ion	Ratio	Lower	Upper
107	100		
108	83.8	75.5	115.5
77	31.3	80.2	120.2#
79	23.2	9.5	49.5



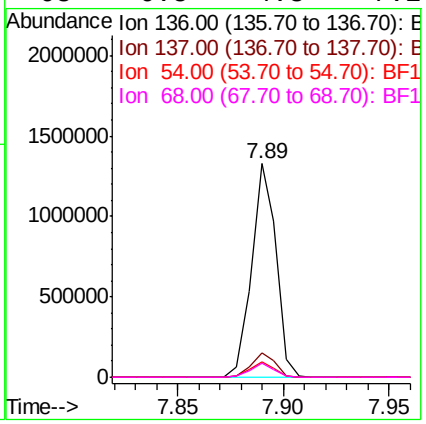


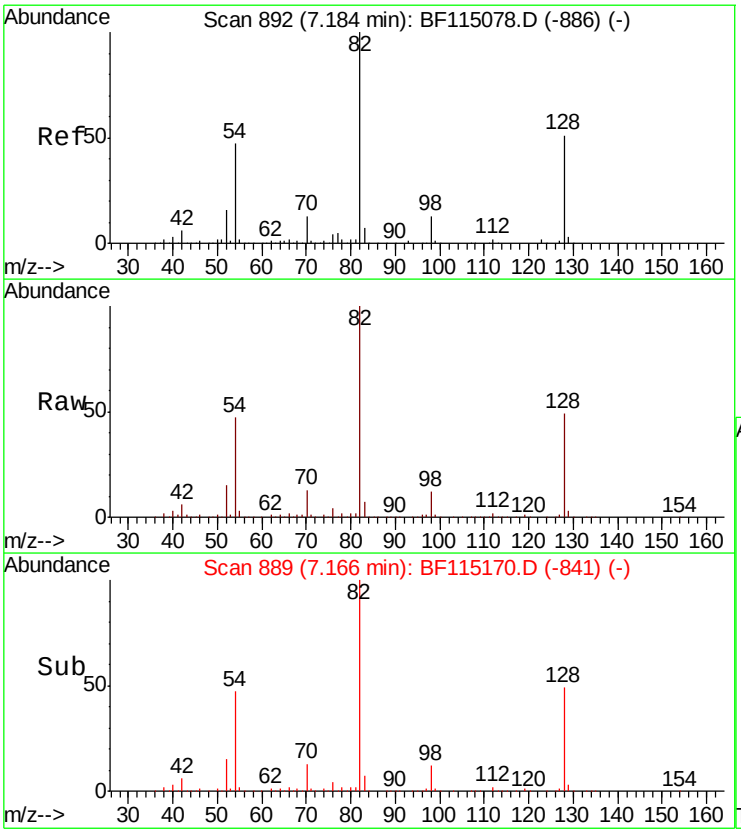
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:136 Resp: 1071705

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.4	5.6	8.4
68	6.5	4.8	7.2

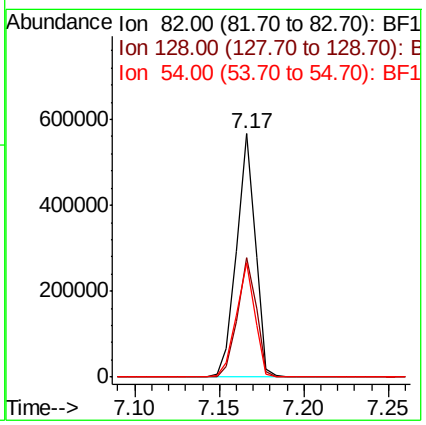


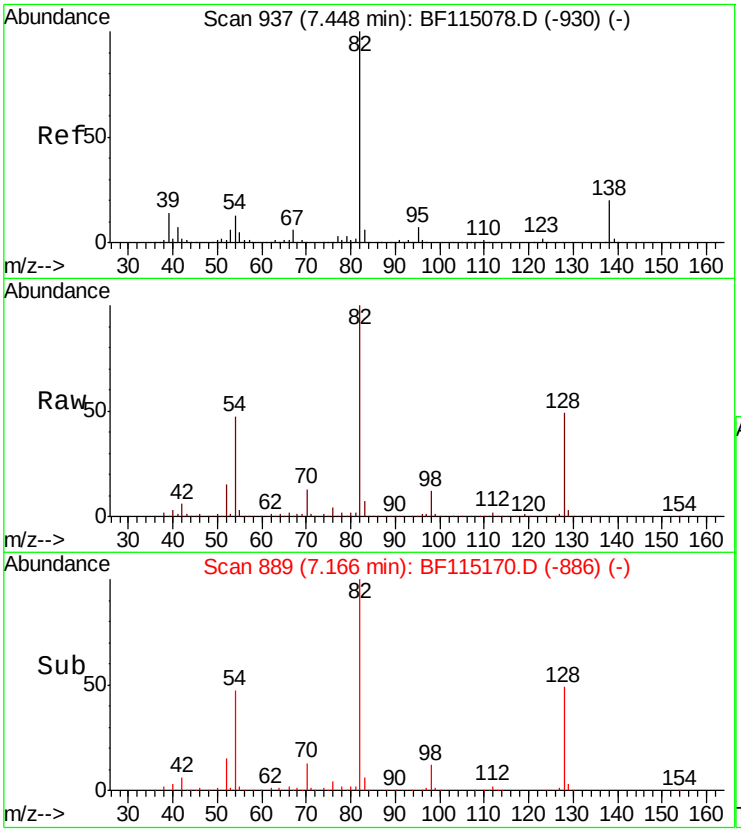


#23
Nitrobenzene-d5
Concen: 25.173 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion: 82 Resp: 438549

Ion	Ratio	Lower	Upper
82	100		
128	49.1	40.4	60.6
54	47.0	37.5	56.3



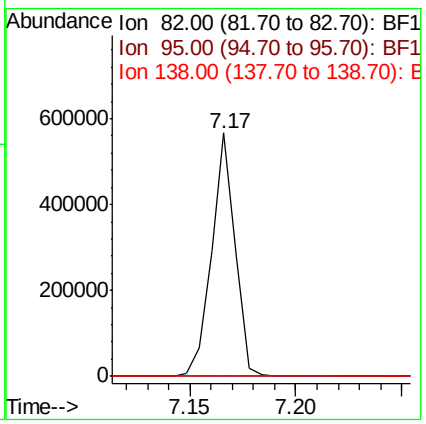


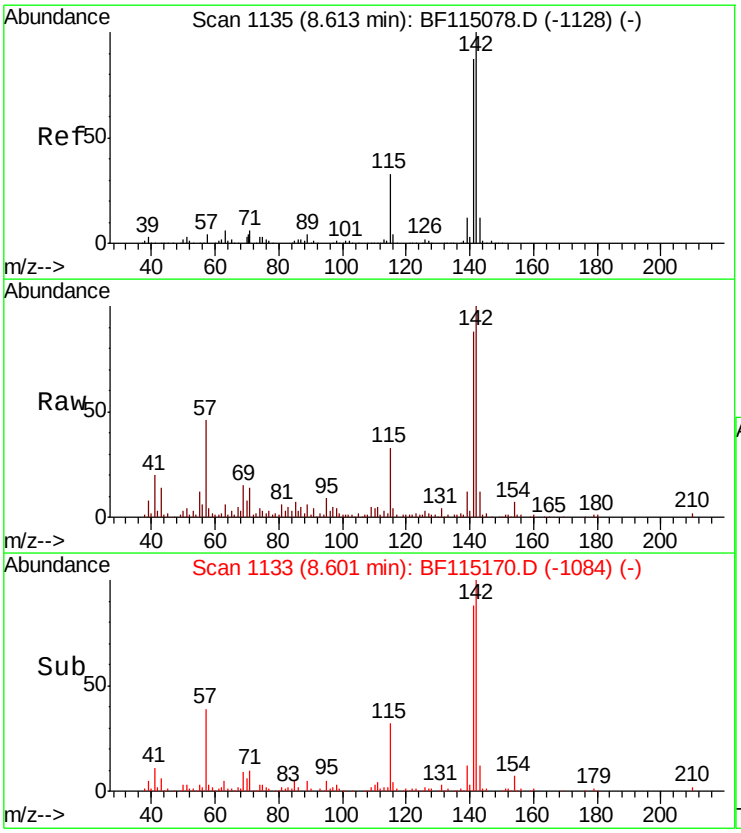
#25
Isophorone
Concen: 12.135 ng
RT: 7.17 min Scan# 889
Delta R.T. -0.28 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion: 82 Resp: 433074

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	15.9	23.9#

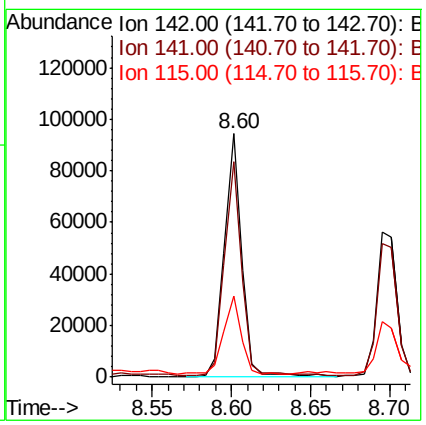


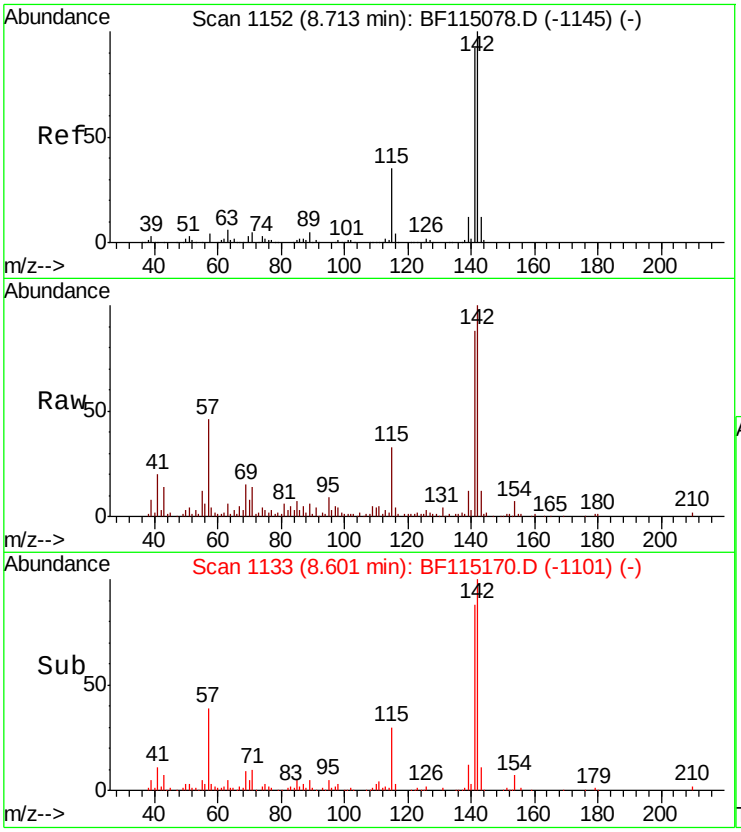


#37
2-Methylnaphthalene
Concen: 2.029 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:142 Resp: 71954

Ion	Ratio	Lower	Upper
142	100		
141	88.5	69.8	104.6
115	33.4	26.7	40.1



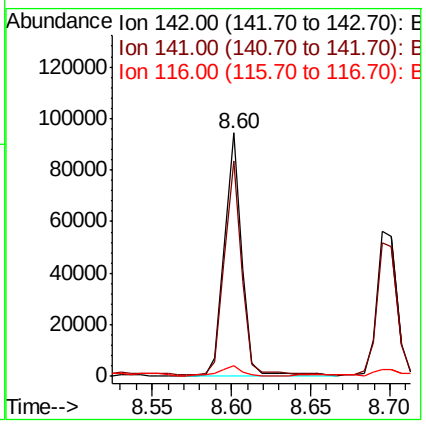


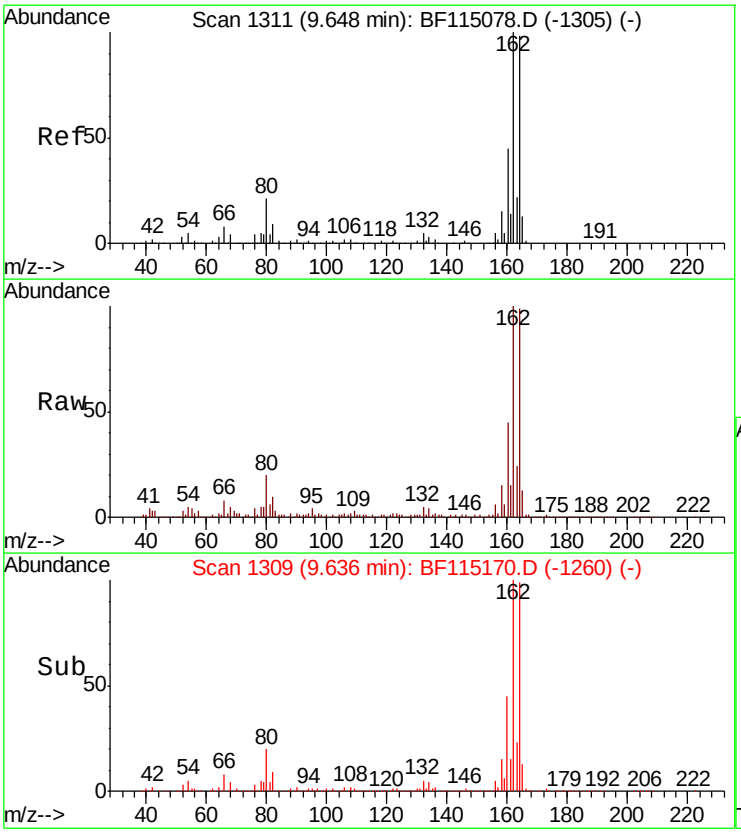
#38
1-Methylnaphthalene
Concen: 2.124 ng
RT: 8.60 min Scan# 1133
Delta R.T. -0.11 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:142 Resp: 71954

Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.8	110.8
116	4.1	2.8	4.2

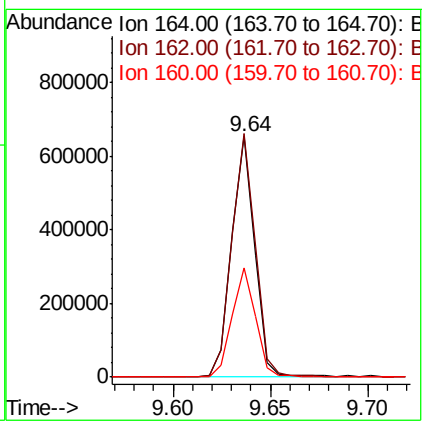


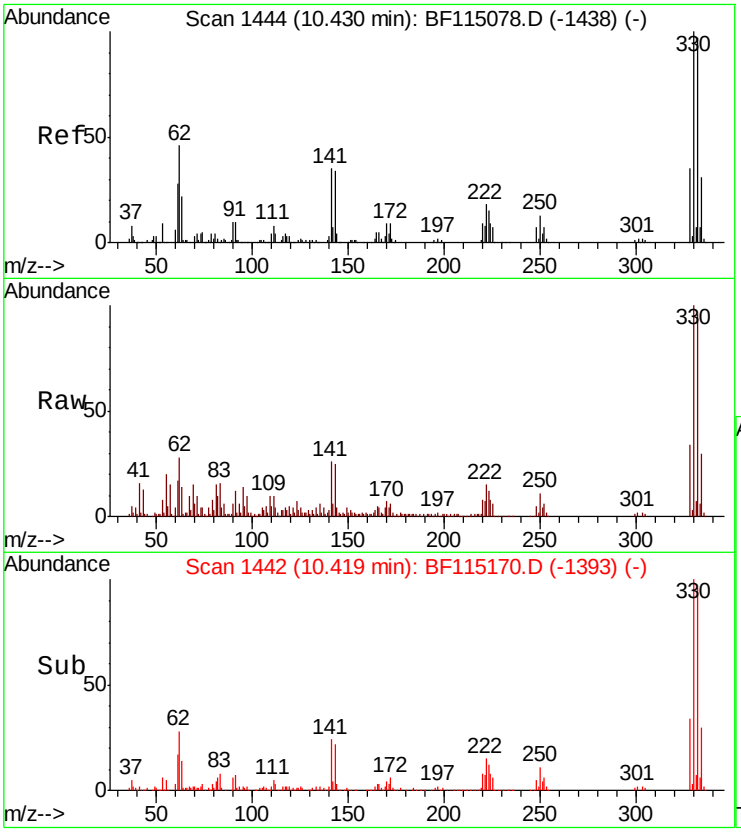


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:164 Resp: 533776

Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.7	122.5
160	45.4	37.0	55.4



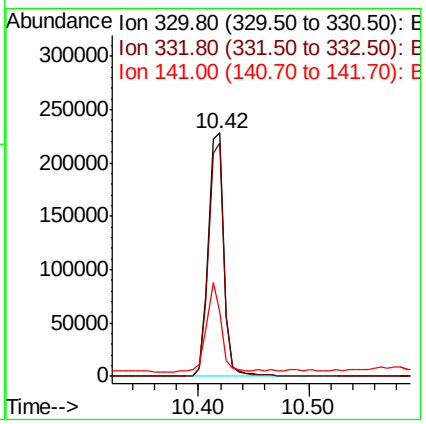


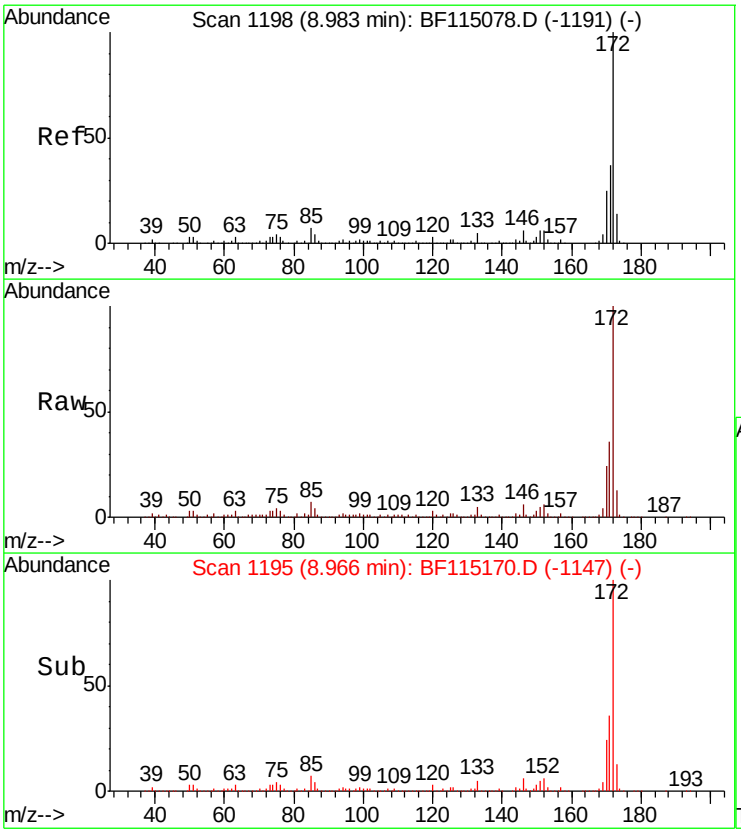
#42
2,4,6-Tribromophenol
Concen: 38.811 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:330 Resp: 218461

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	34.1	28.2	42.2

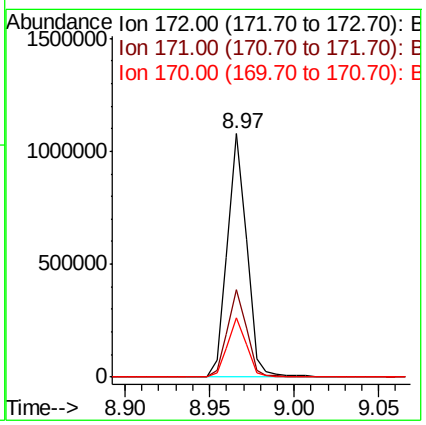


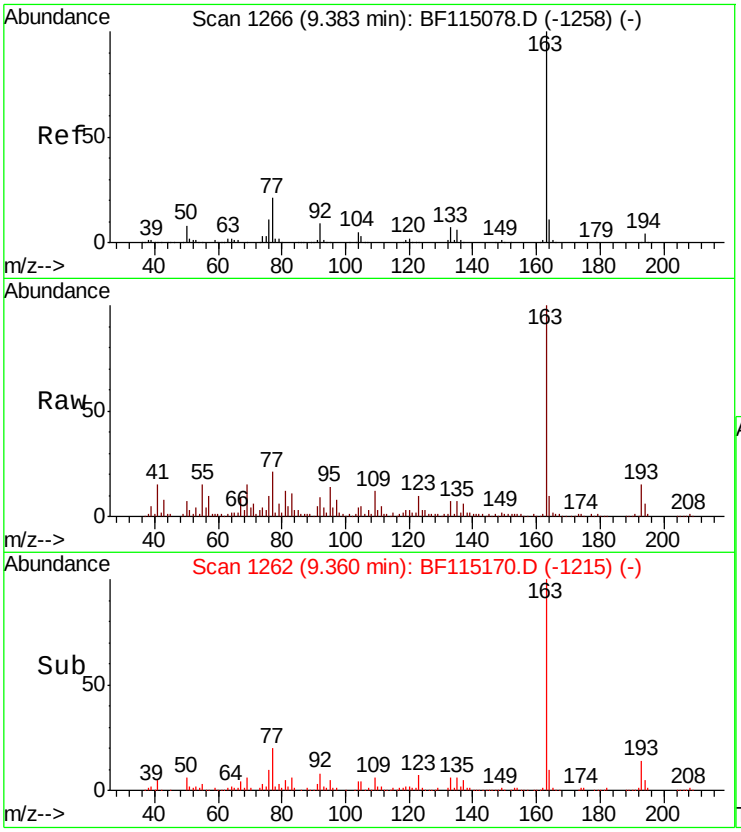


#45
2-Fluorobiphenyl
Concen: 27.574 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:172 Resp: 866495

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.8	44.6
170	24.3	20.3	30.5



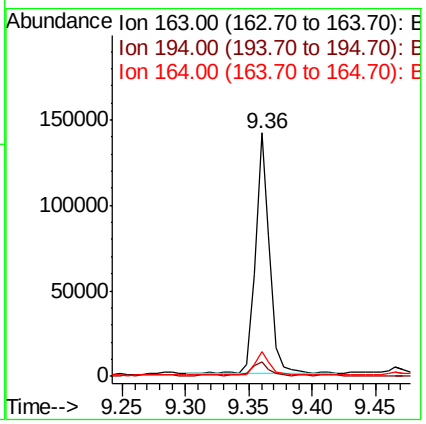


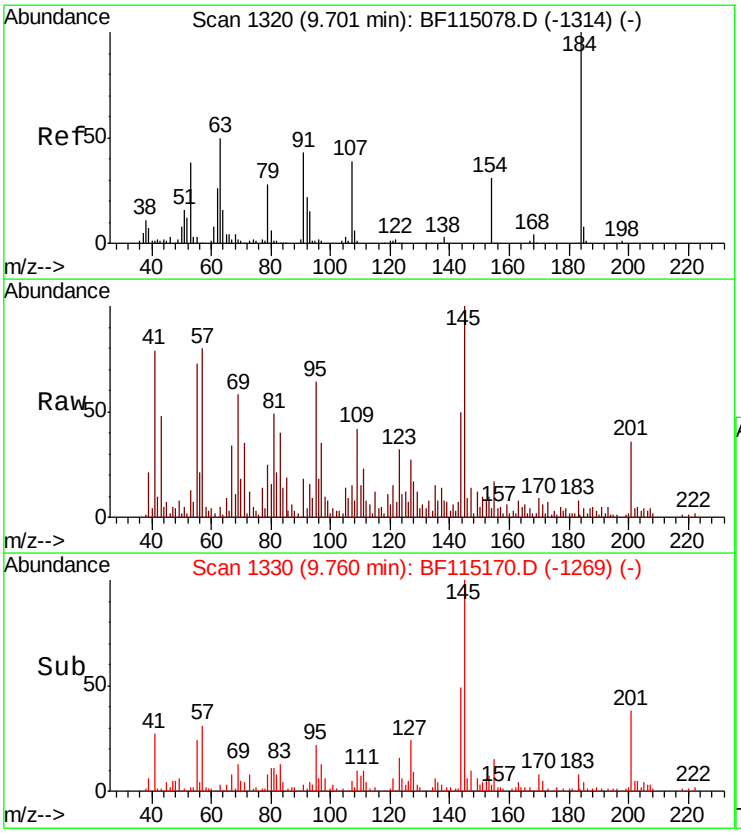
#50
Dimethylphthalate
Concen: 2.818 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:163 Resp: 110657

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.2	4.8#
164	10.3	8.6	13.0

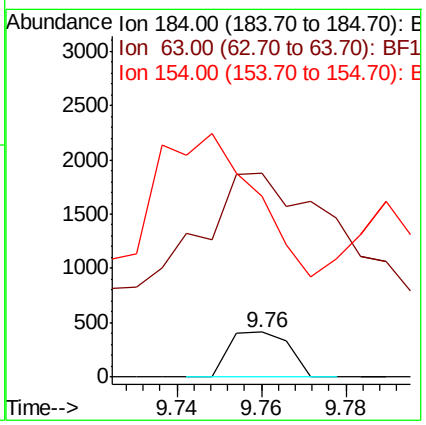


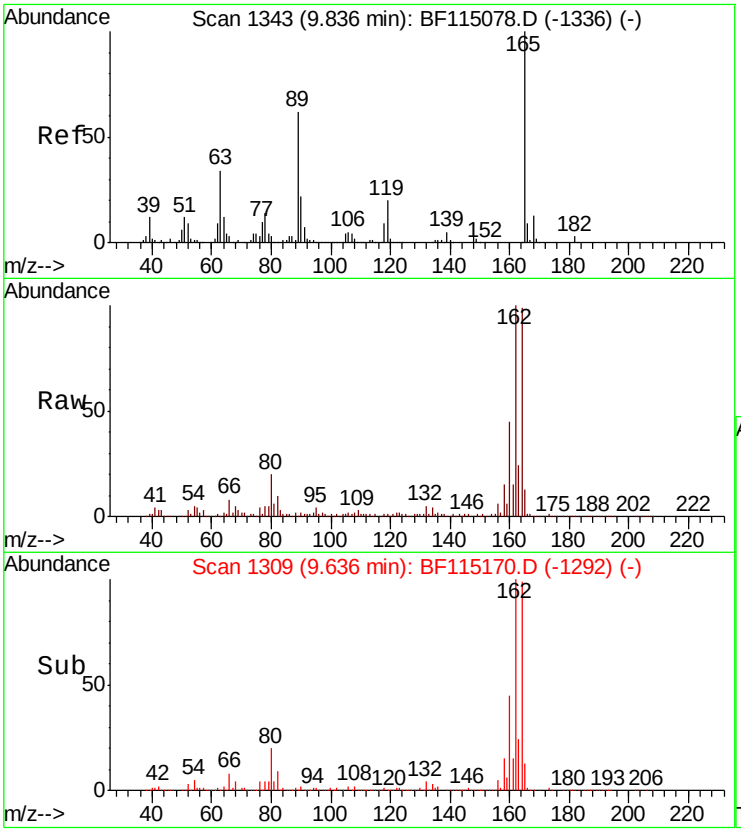


#54
2,4-Dinitrophenol
Concen: 7.423 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.06 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:184 Resp: 406

Ion	Ratio	Lower	Upper
184	100		
63	456.9	41.9	62.9#
154	405.8	44.7	67.1#



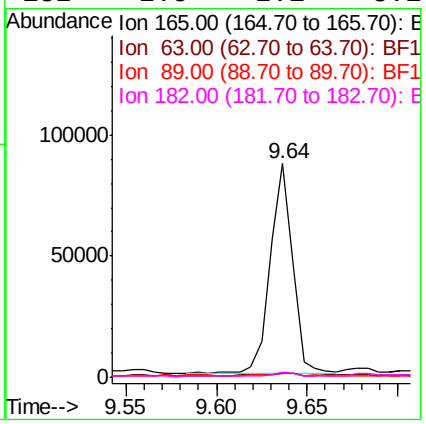


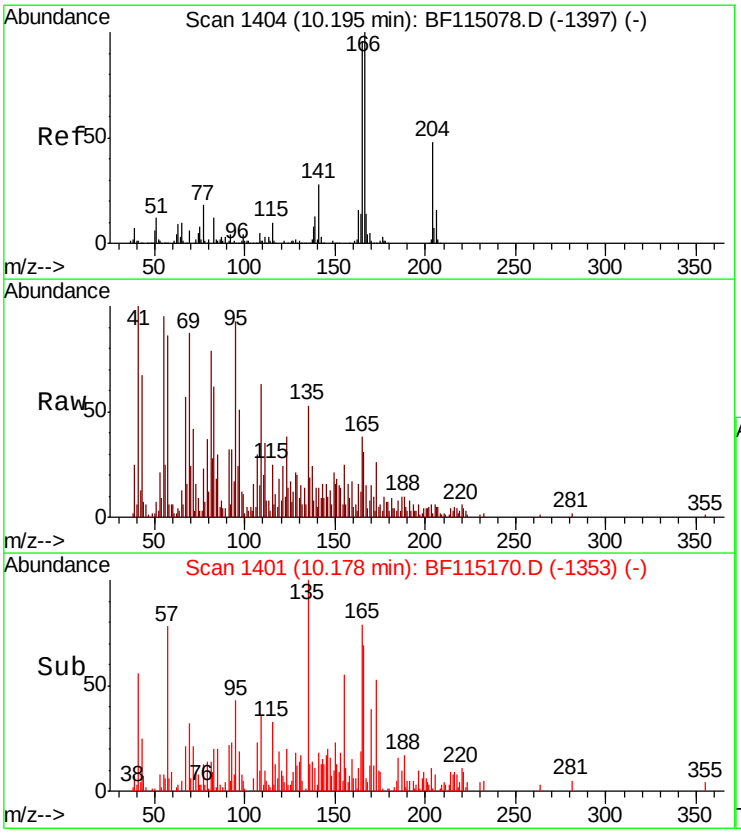
#57
2,4-Dinitrotoluene
Concen: 6.316 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:165 Resp: 73939

Ion	Ratio	Lower	Upper
165	100		
63	2.0	27.5	41.3#
89	1.9	49.9	74.9#
182	2.5	2.1	3.1

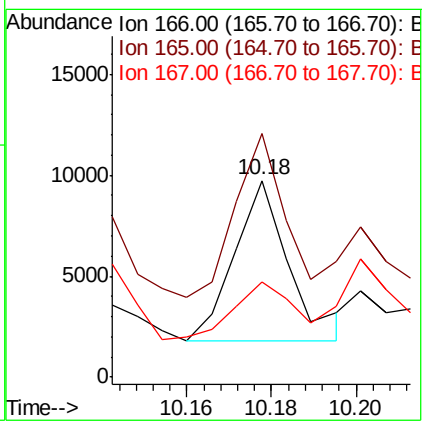


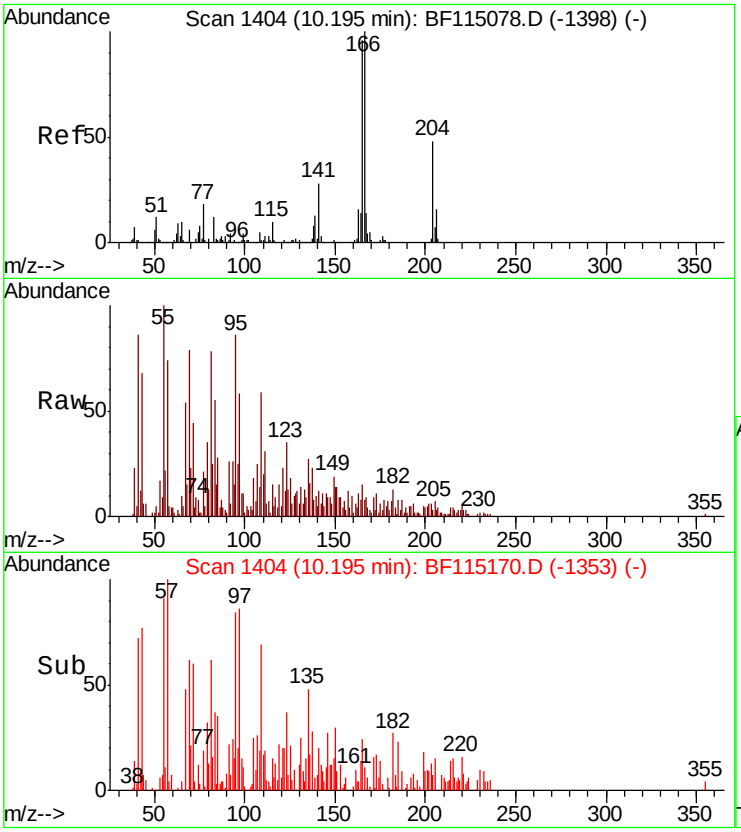


#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:166 Resp: 7132

Ion	Ratio	Lower	Upper
166	100		
165	124.0	76.5	114.7#
167	48.5	11.0	16.4#



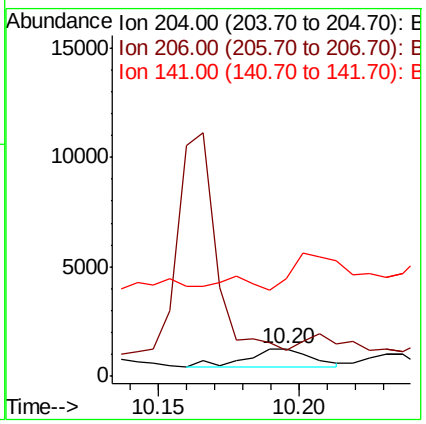


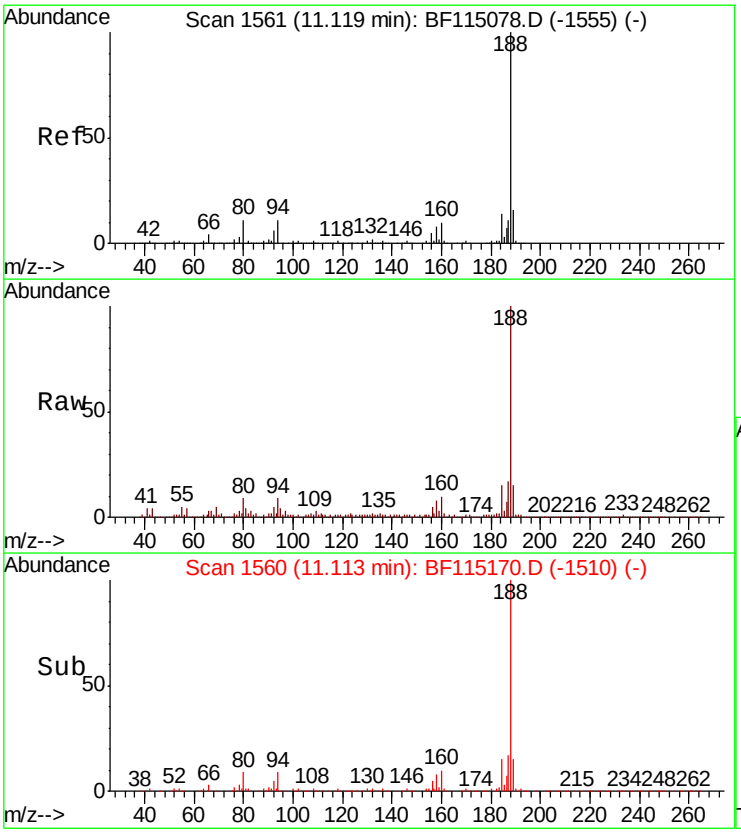
#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:204 Resp: 1228

Ion	Ratio	Lower	Upper
204	100		
206	93.8	26.6	40.0#
141	359.2	46.7	70.1#

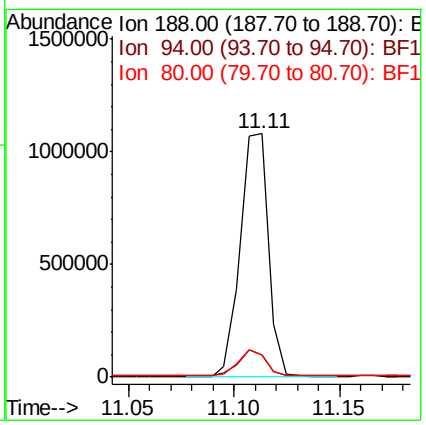


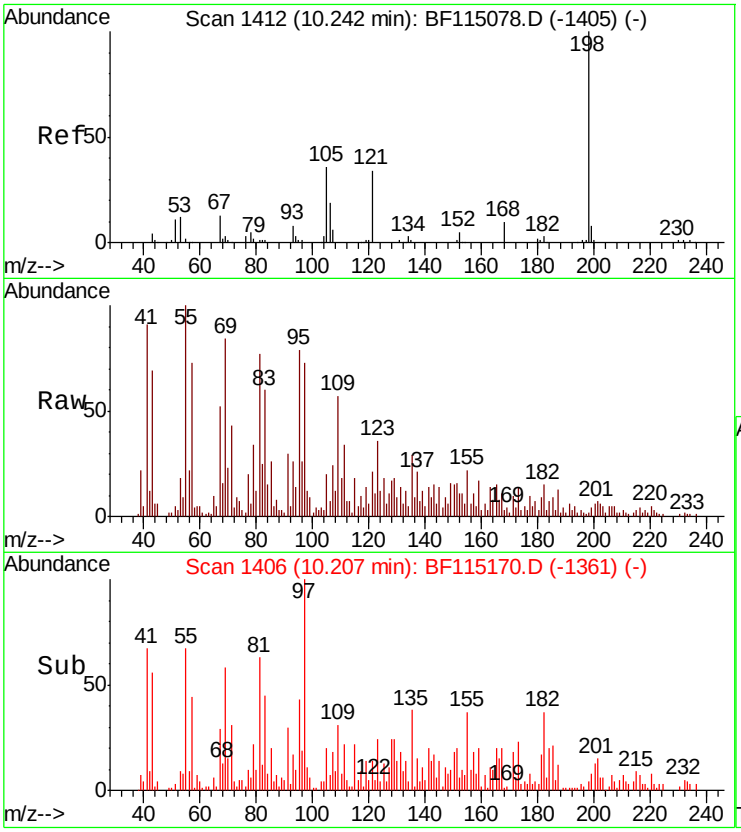


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:188 Resp: 1003475

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.6	12.8
80	9.2	8.8	13.2



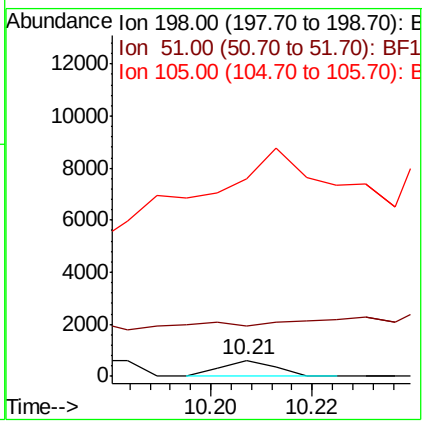


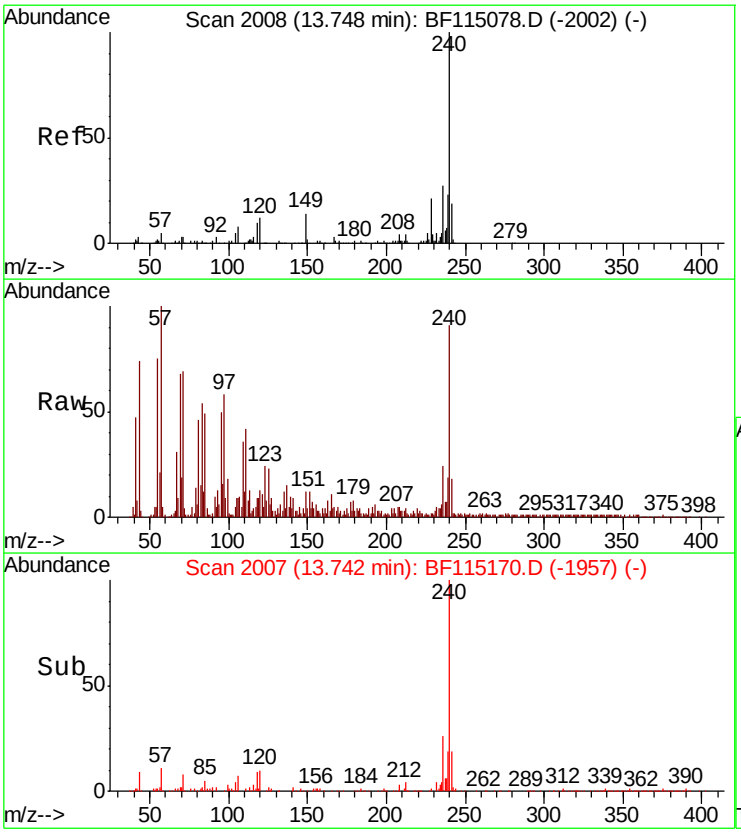
#65
4,6-Dinitro-2-methylphenol
Concen: 5.036 ng
RT: 10.21 min Scan# 1406
Delta R.T. -0.03 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:198 Resp: 456

Ion	Ratio	Lower	Upper
198	100		
51	312.4	11.0	51.0#
105	1239.3	17.3	57.3#

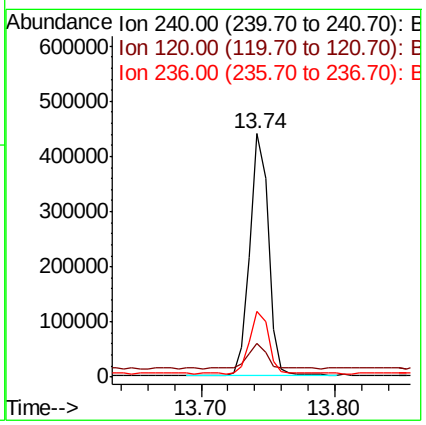


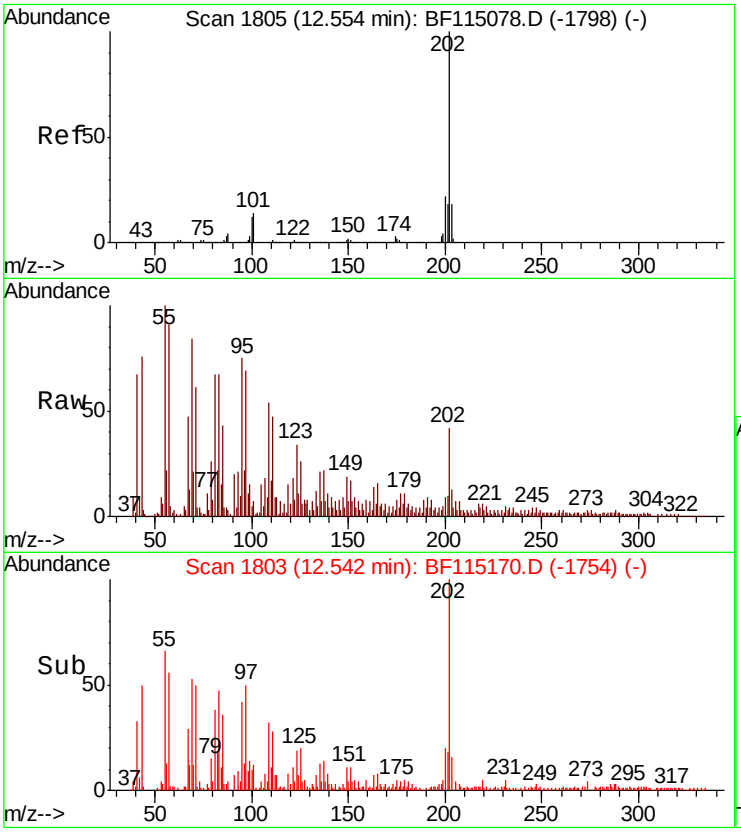


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:240 Resp: 415680

Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.4	14.2
236	26.8	21.7	32.5



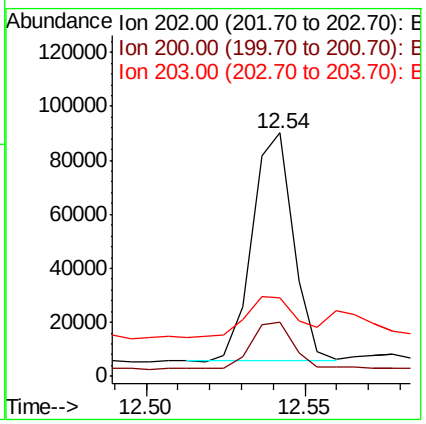


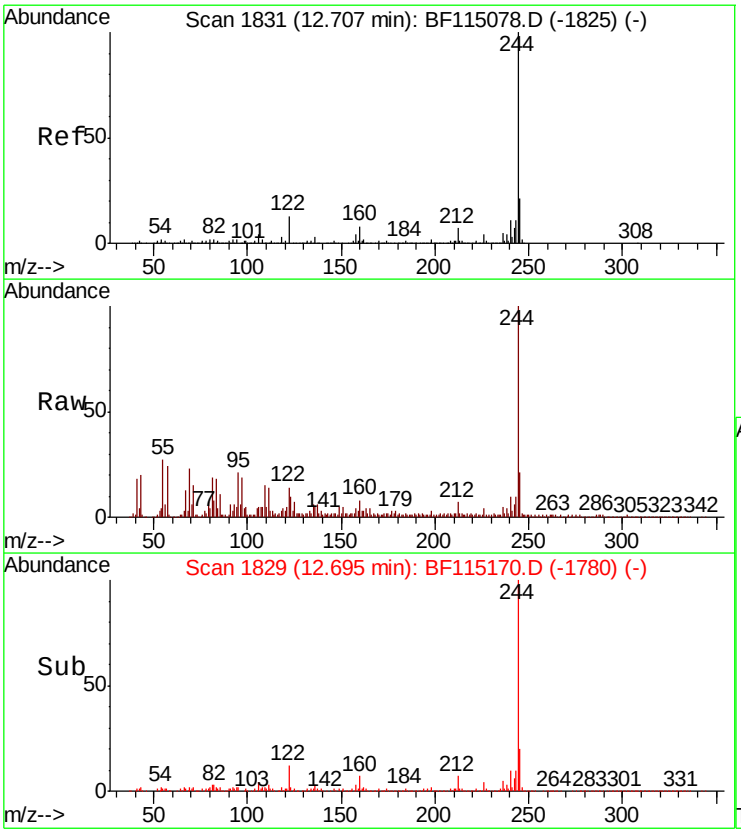
#78
Pyrene
Concen: 2.387 ng
RT: 12.54 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:202 Resp: 76263

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	32.3	14.6	21.8#

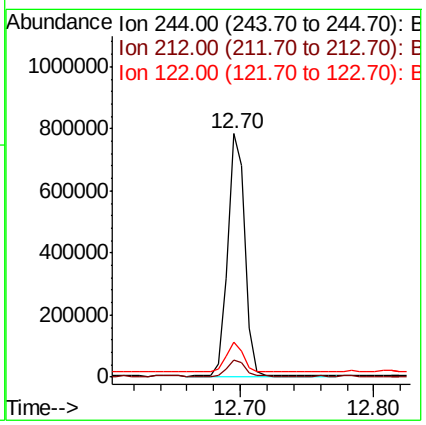


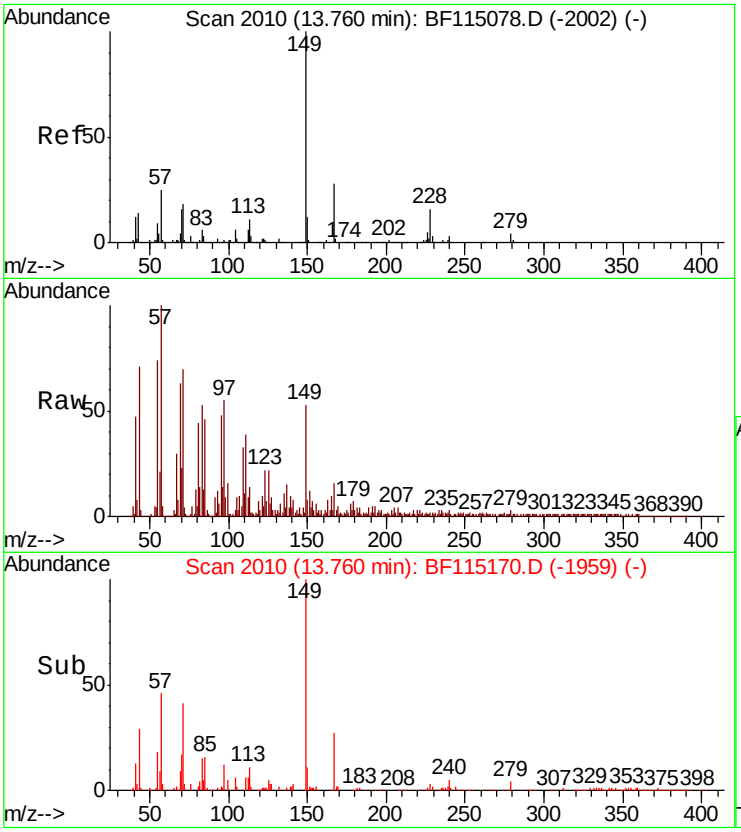


#79
Terphenyl-d14
Concen: 36.196 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:244 Resp: 707657

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	14.3	10.4	15.6



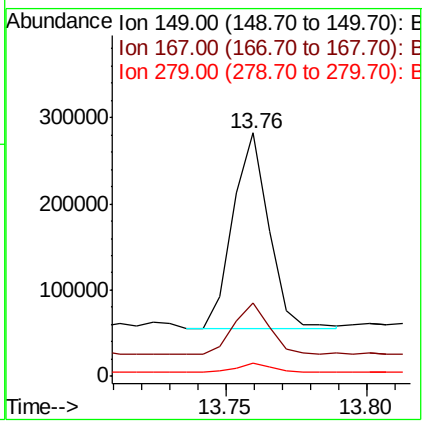


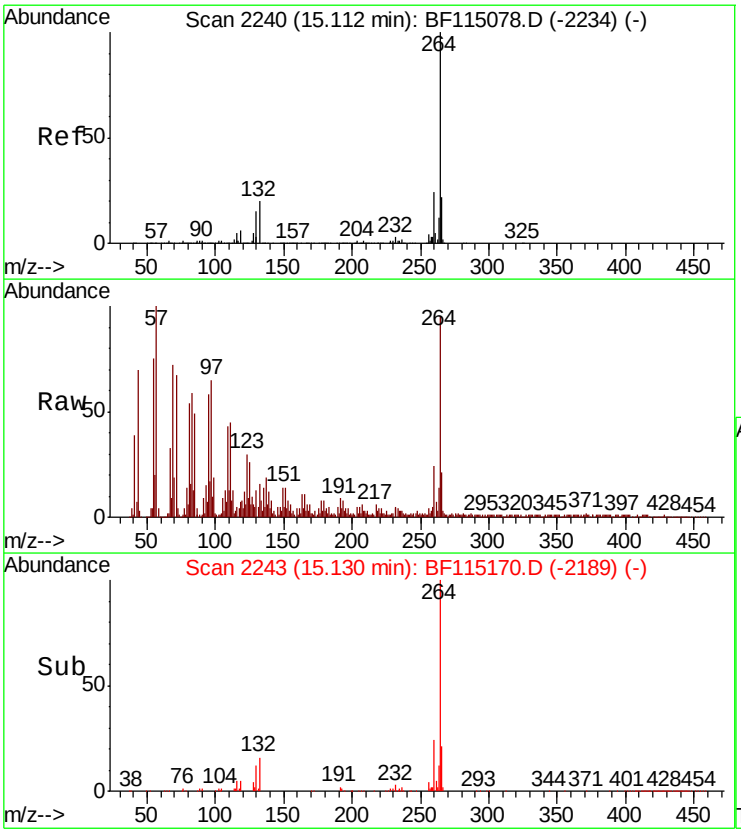
#84
Bis(2-ethylhexyl)phthalate
Concen: 10.824 ng
RT: 13.76 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:149 Resp: 199952

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.2	33.4
279	5.2	2.9	4.3#

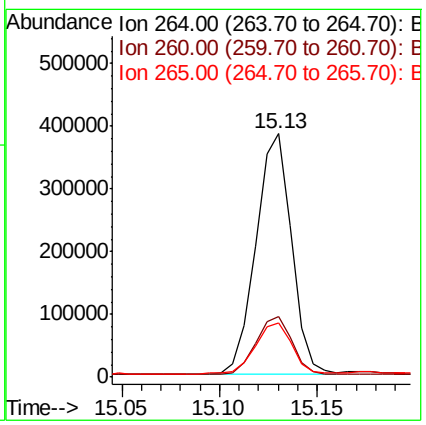


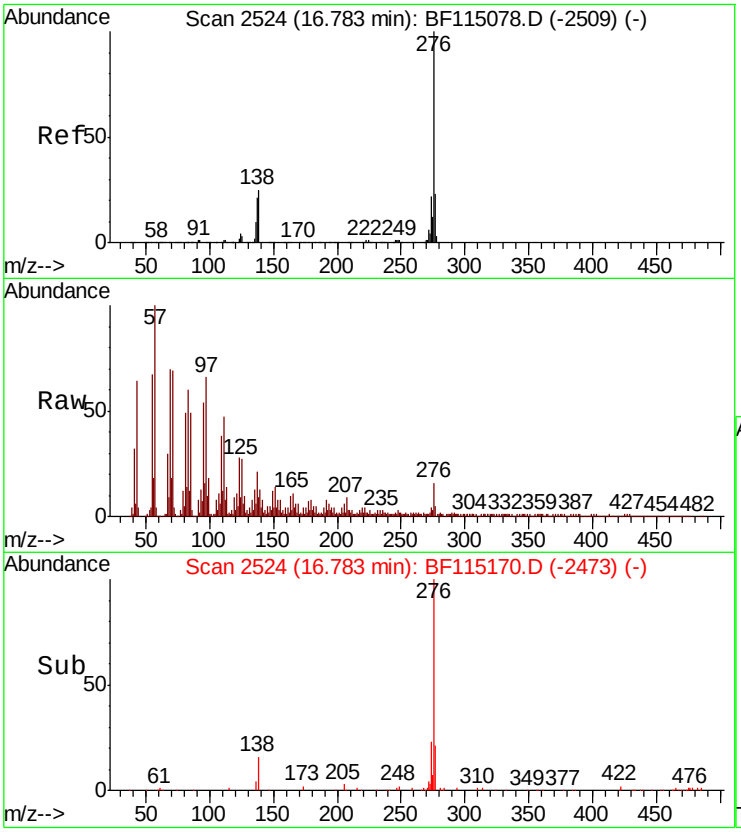


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.13 min Scan# 2243
Delta R.T. 0.02 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Tgt Ion:264 Resp: 486088

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.6	29.4
265	22.3	17.3	25.9





#92
Benzo(g,h,i)perylene
Concen: 2.225 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115170.D
Acq: 25 Jun 2019 1:41

Instrument :
BNA_F
ClientSampleId :
B-6(7.5-8)

Tgt Ion:276 Resp: 57473

Ion	Ratio	Lower	Upper
276	100		
277	32.6	18.6	28.0#
138	57.2	19.8	29.6#