Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115311.D
Acq On : 29 Jun 2019 9:41
Operator : HP/JU
Sample : PB121004BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB121004BL

Quant Time: Jun 30 01:41:13 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	234333	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	881774	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	440505	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	868057	20.00	ng	0.00
76) Chrysene-d12	13.71	240	670530	20.00	ng	0.00
87) Perylene-d12	15.08	264	718394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1637702	107.85	ng	0.02
7) Phenol-d6	6.24	99	2034128	110.36	ng	0.00
23) Nitrobenzene-d5	7.16	82	1269670	88.58	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	592941	127.64	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2345821	90.46	ng	0.00
79) Terphenyl-d14	12.68	244	2579534	81.79	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	168366	14.268	ng	# 77
25) Isophorone	7.16	82	1259252	42.884	ng	# 63
50) Dimethylphthalate	9.62	163	123408	3.808	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	56712	7.580	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	56712	5.870	ng	# 30
58) Fluorene	10.41	166	26051	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	1184	5.190	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	36573	3.886	ng	# 1

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

Quantitation Report (Not Reviewed)

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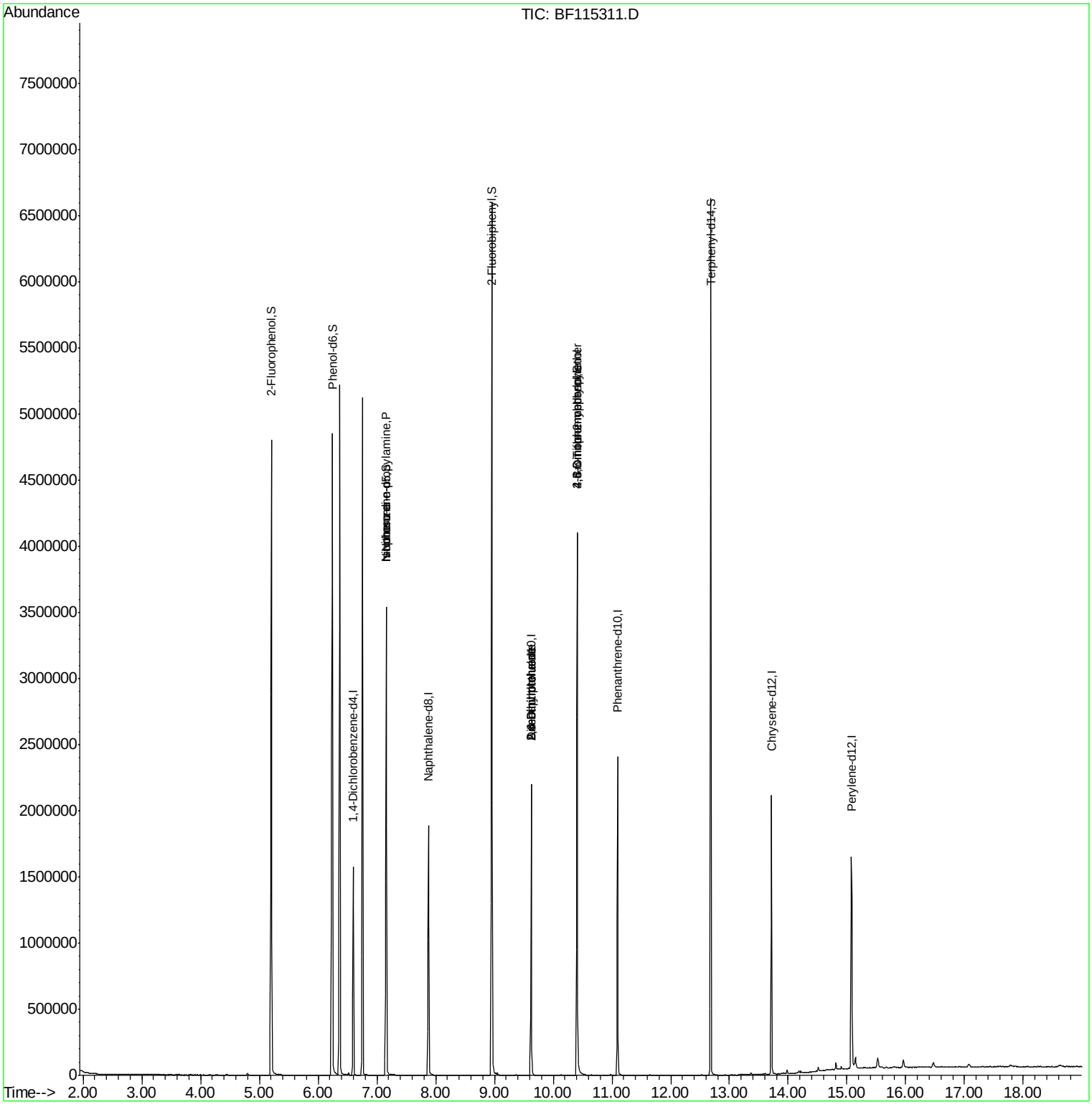
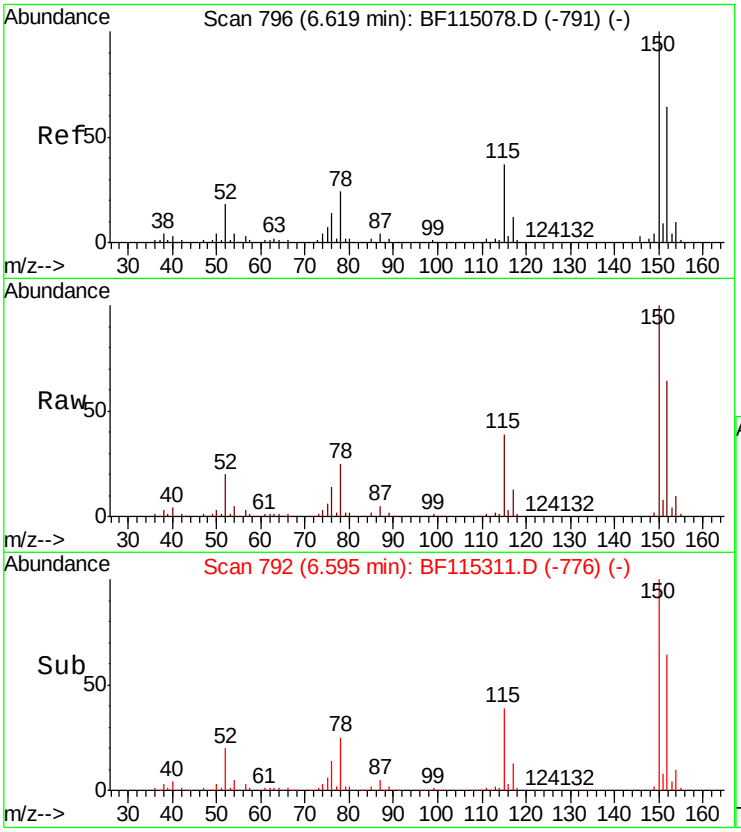


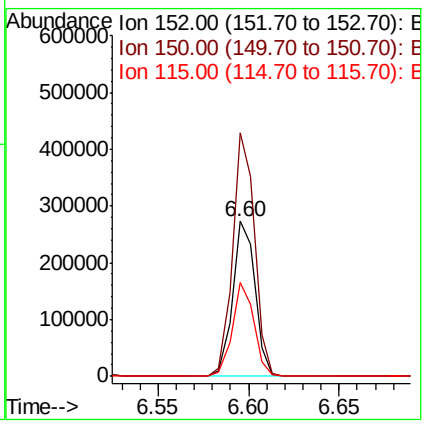


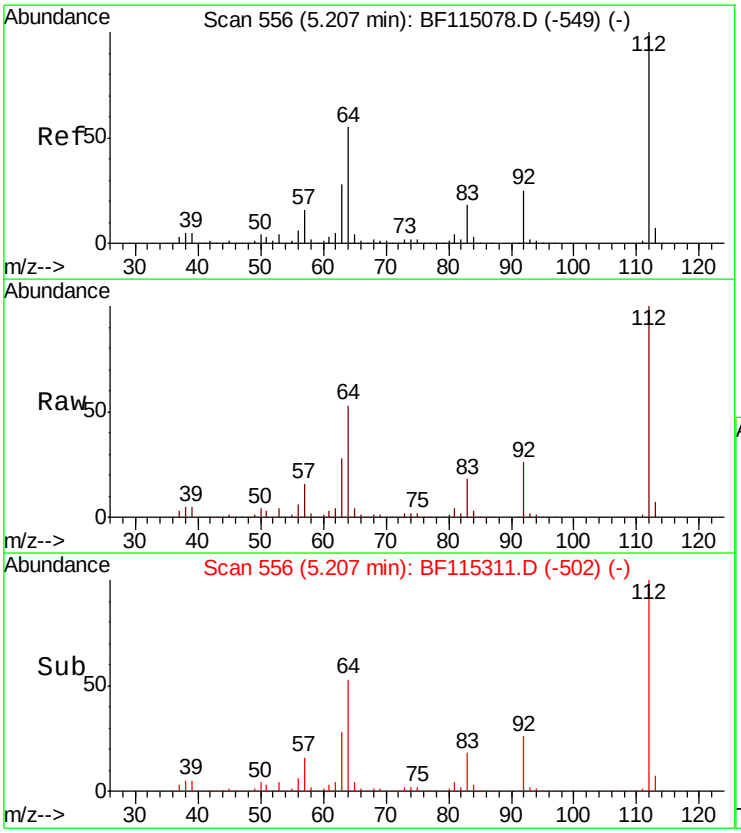
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:152 Resp: 234333

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.2	186.2
115	60.7	46.1	69.1

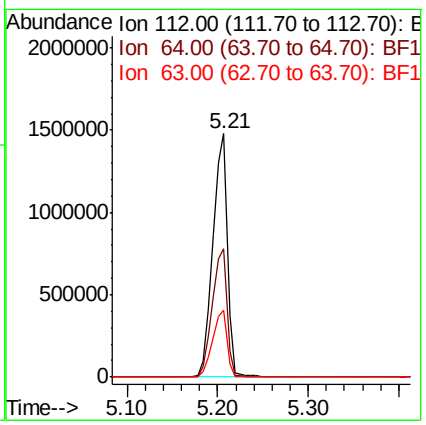


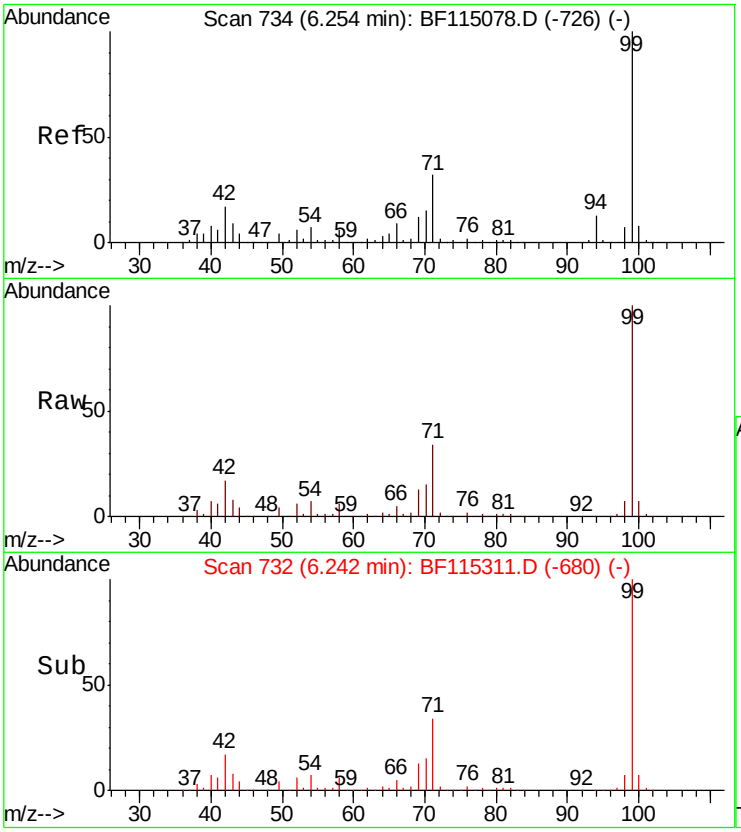


#5
2-Fluorophenol
Concen: 107.849 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:112 Resp: 1637702

Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.8	65.6
63	27.5	22.2	33.4



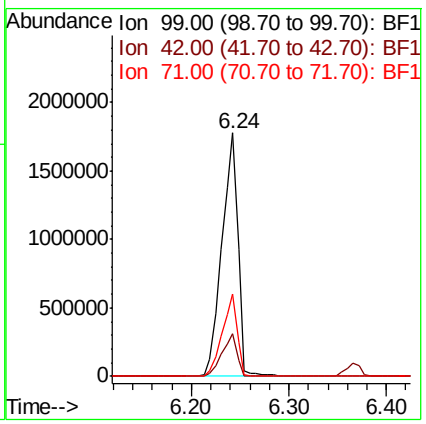


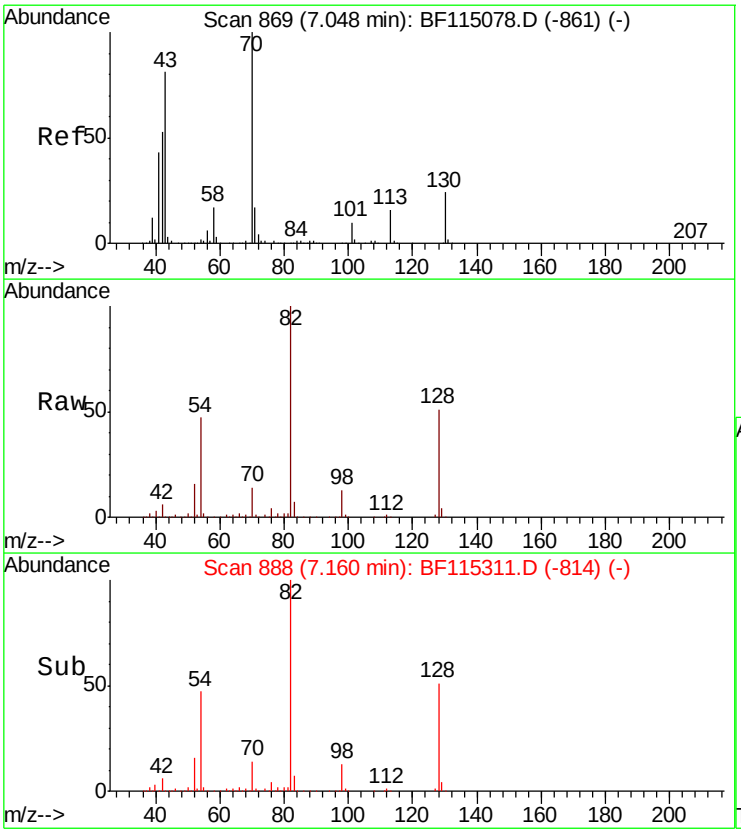
#7
Phenol-d6
Concen: 110.364 ng
RT: 6.24 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion: 99 Resp: 2034128

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.6	20.4
71	33.8	25.5	38.3

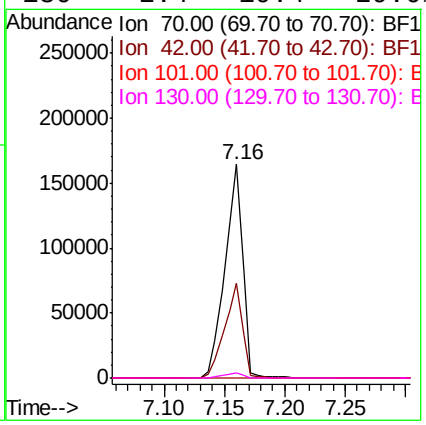


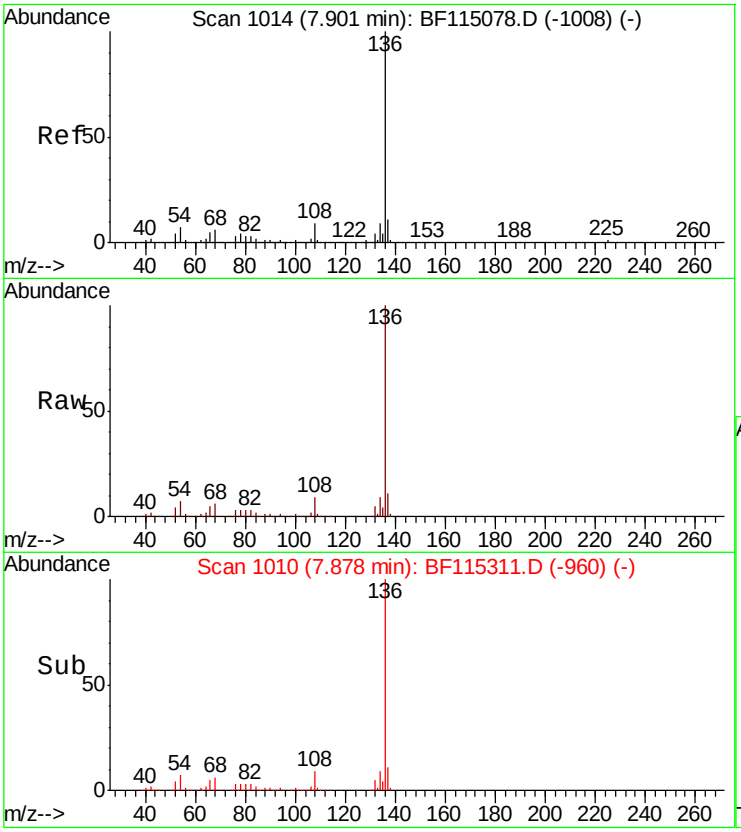


#19
n-Nitroso-di-n-propylamine
Concen: 14.268 ng
RT: 7.16 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion: 70 Resp: 168366

Ion	Ratio	Lower	Upper
70	100		
42	44.6	42.6	63.8
101	0.0	8.0	12.0#
130	2.4	19.4	29.0#



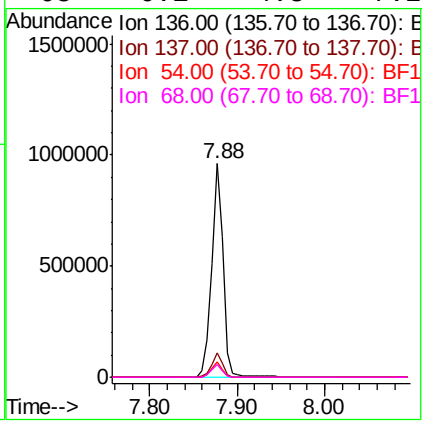


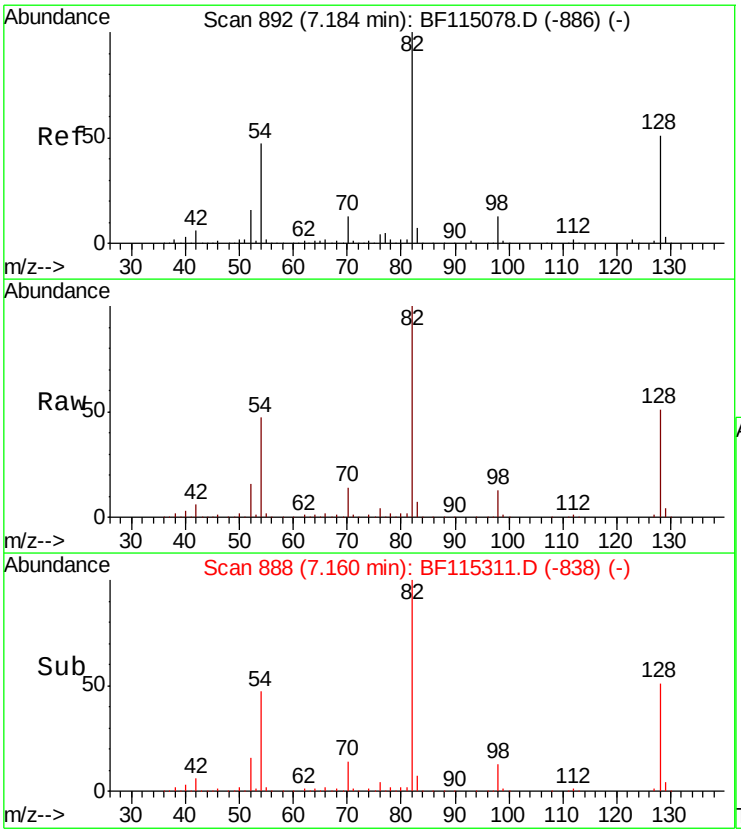
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:136 Resp: 881774

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	5.6	8.4
68	6.1	4.8	7.2

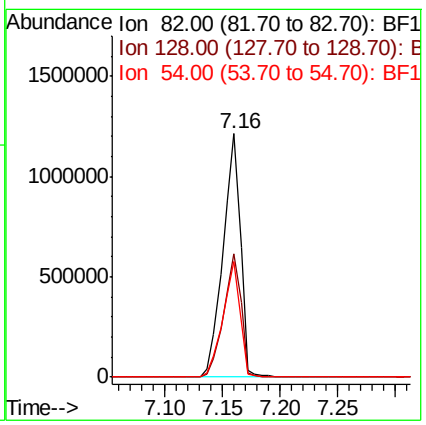


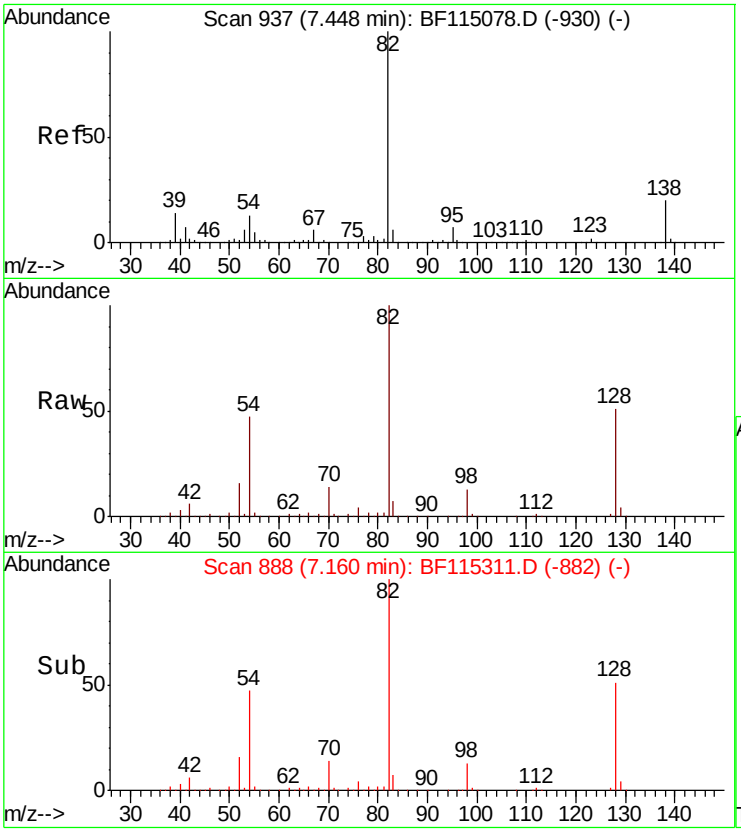


#23
Nitrobenzene-d5
Concen: 88.576 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion: 82 Resp: 1269670

Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.4	60.6
54	47.3	37.5	56.3



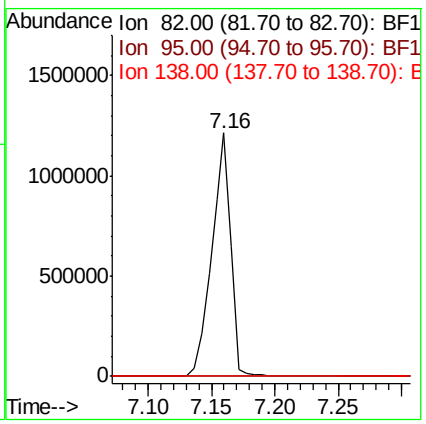


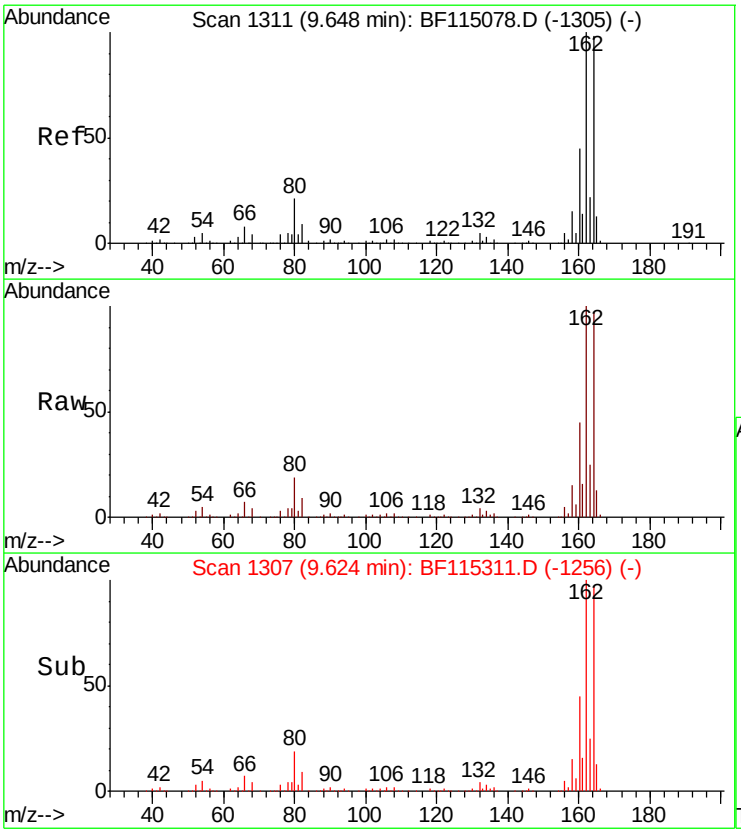
#25
Isophorone
Concen: 42.884 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion: 82 Resp: 1259252

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

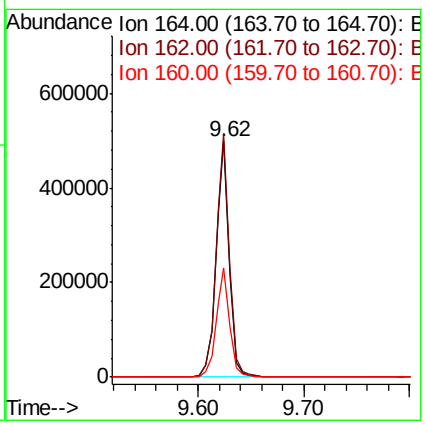


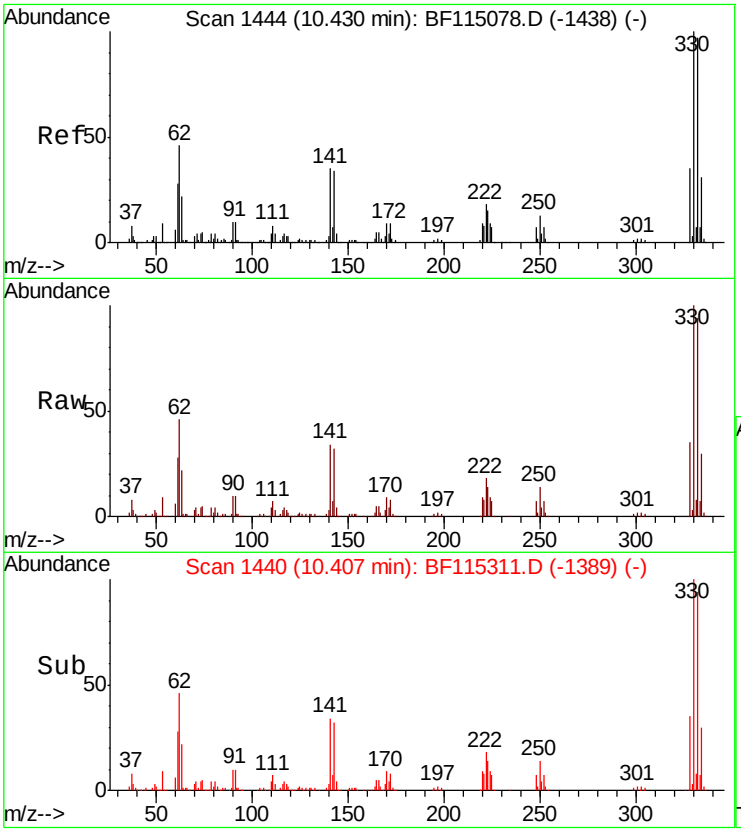


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:164 Resp: 440505

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.7	122.5
160	46.6	37.0	55.4



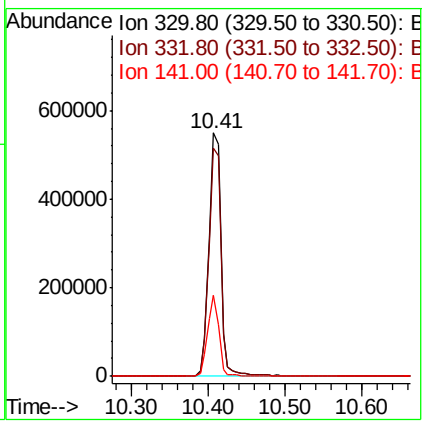


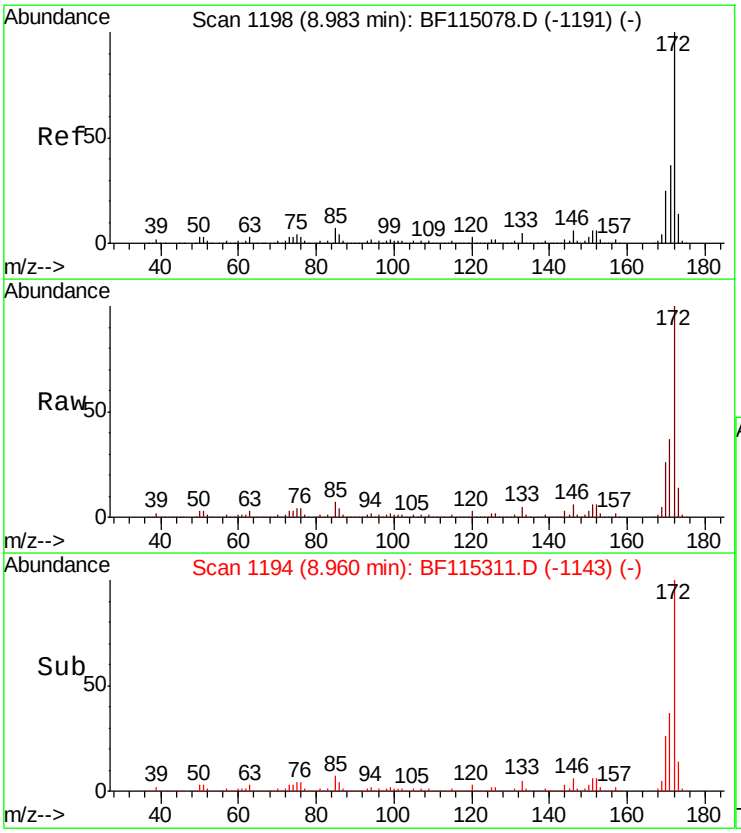
#42
2,4,6-Tribromophenol
Concen: 127.644 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:330 Resp: 592941

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	31.7	28.2	42.2

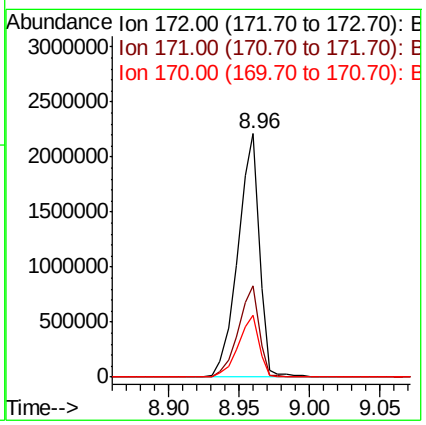


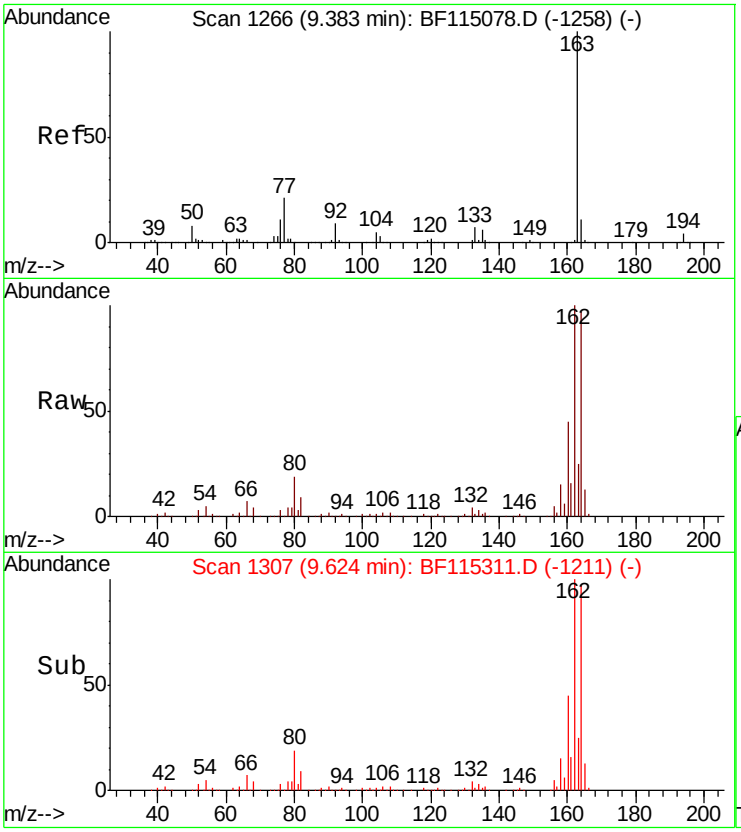


#45
2-Fluorobiphenyl
Concen: 90.457 ng
RT: 8.96 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:172 Resp: 2345821

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.5	20.3	30.5



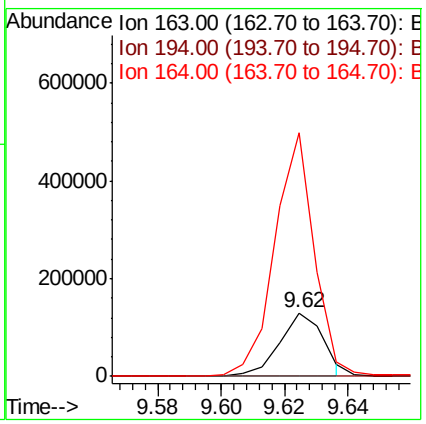


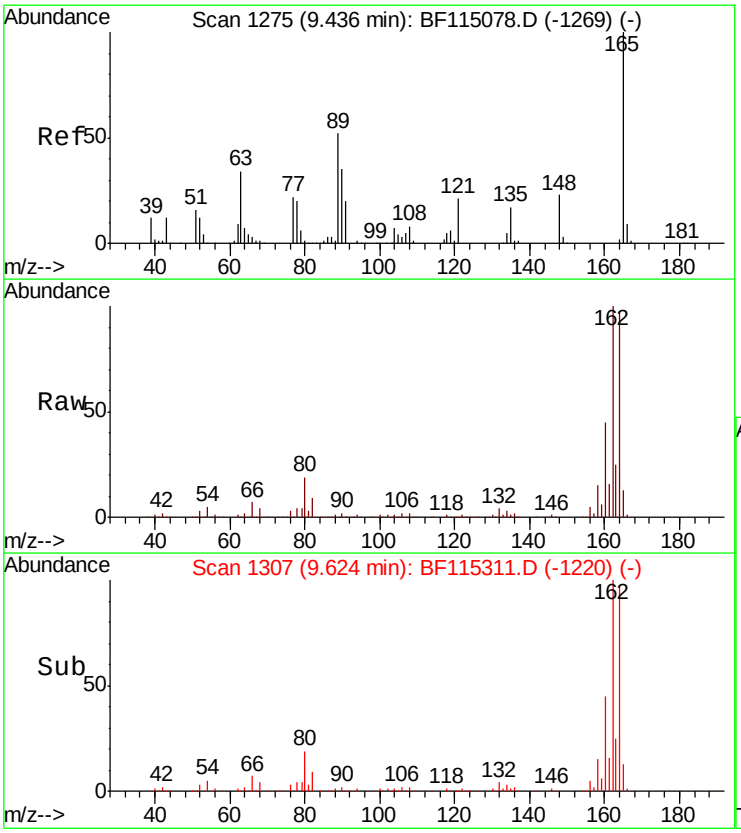
#50
Dimethylphthalate
Concen: 3.808 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:163 Resp: 123408

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	382.0	8.6	13.0#

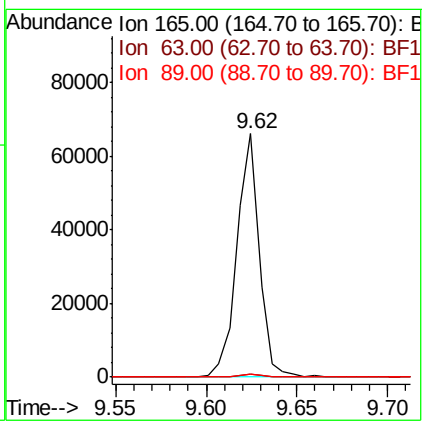


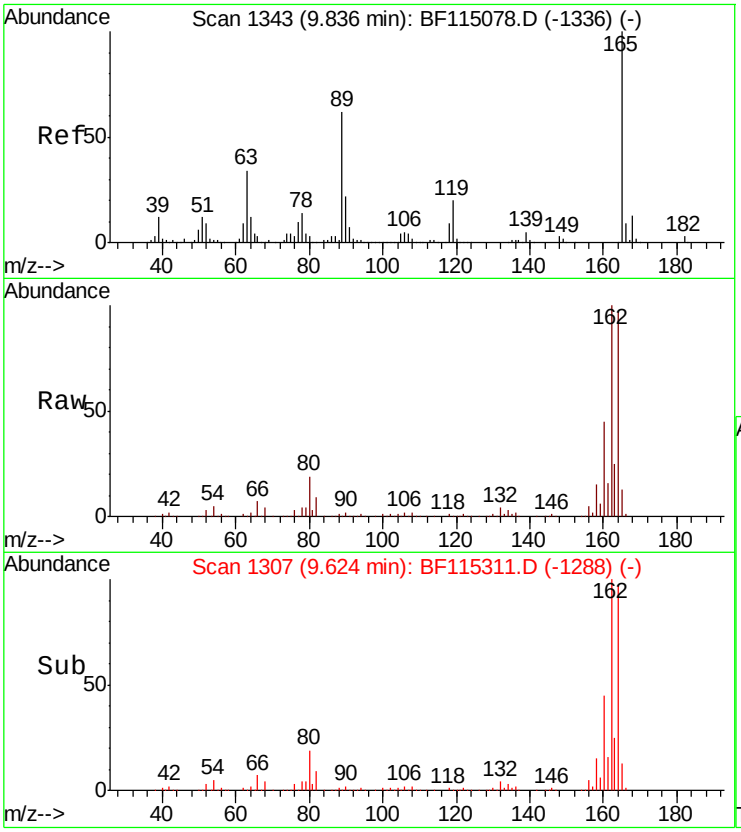


#51
2,6-Dinitrotoluene
Concen: 7.580 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:165 Resp: 56712

Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.4	59.2#
89	1.1	42.0	63.0#



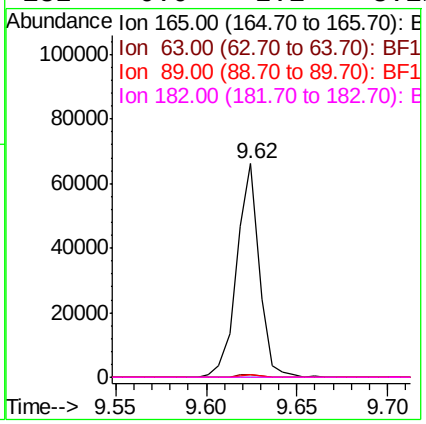


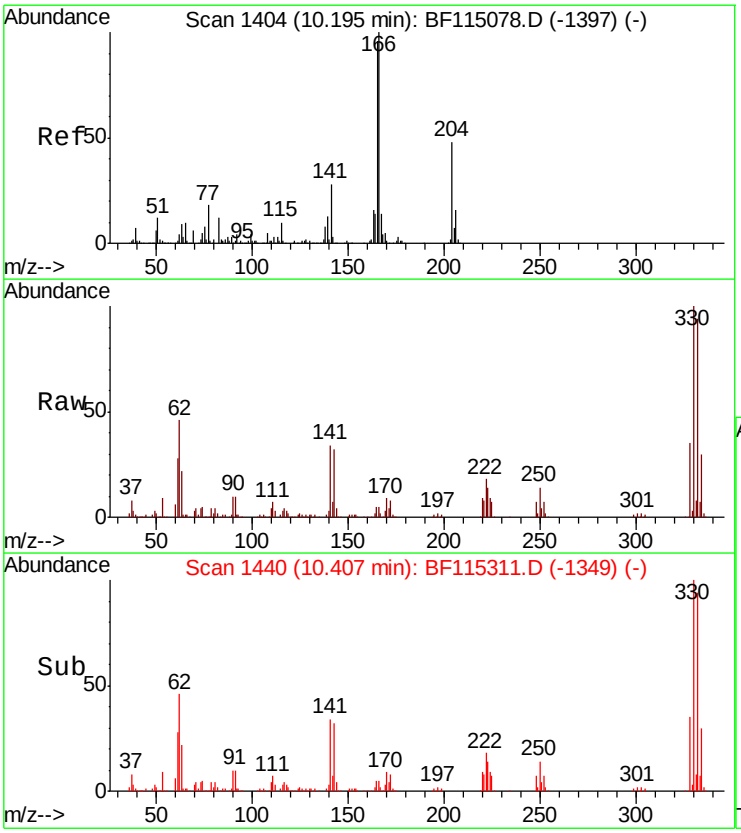
#57
2,4-Dinitrotoluene
Concen: 5.870 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:165 Resp: 56712

Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#

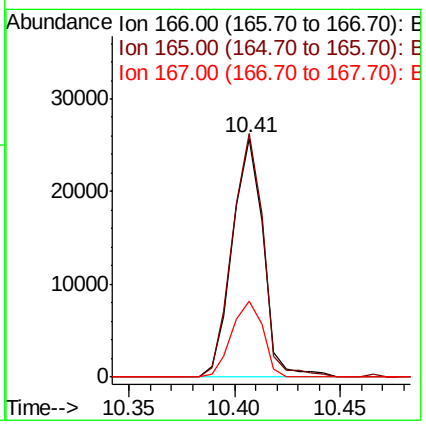


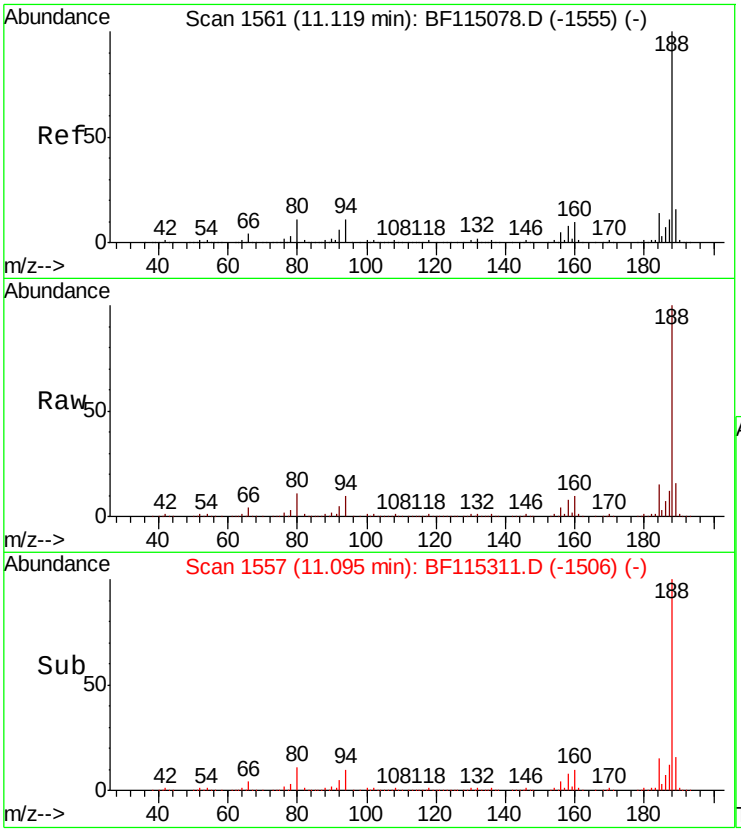


#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:166 Resp: 26051

Ion	Ratio	Lower	Upper
166	100		
165	102.0	76.5	114.7
167	32.0	11.0	16.4#



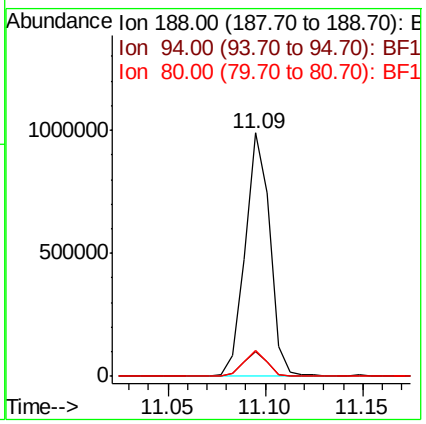


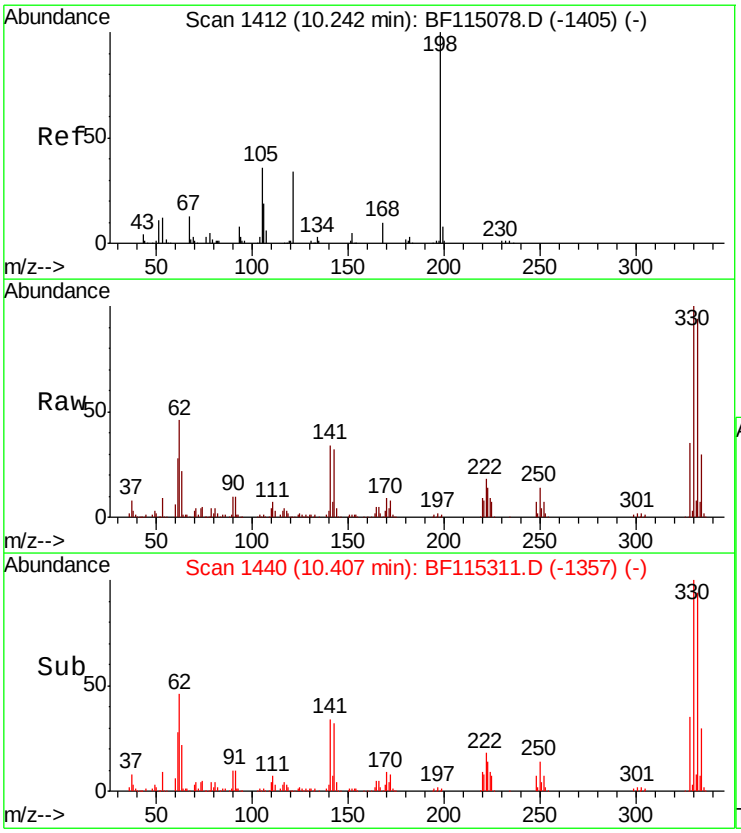
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.09 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:188 Resp: 868057

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	12.8
80	10.6	8.8	13.2

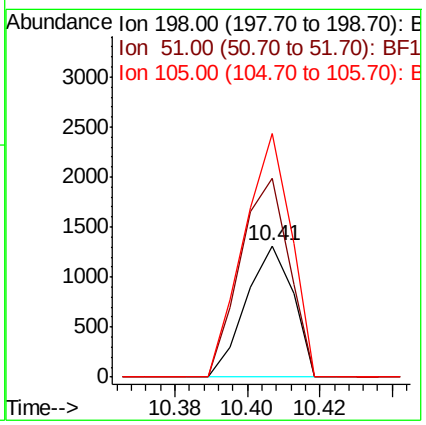


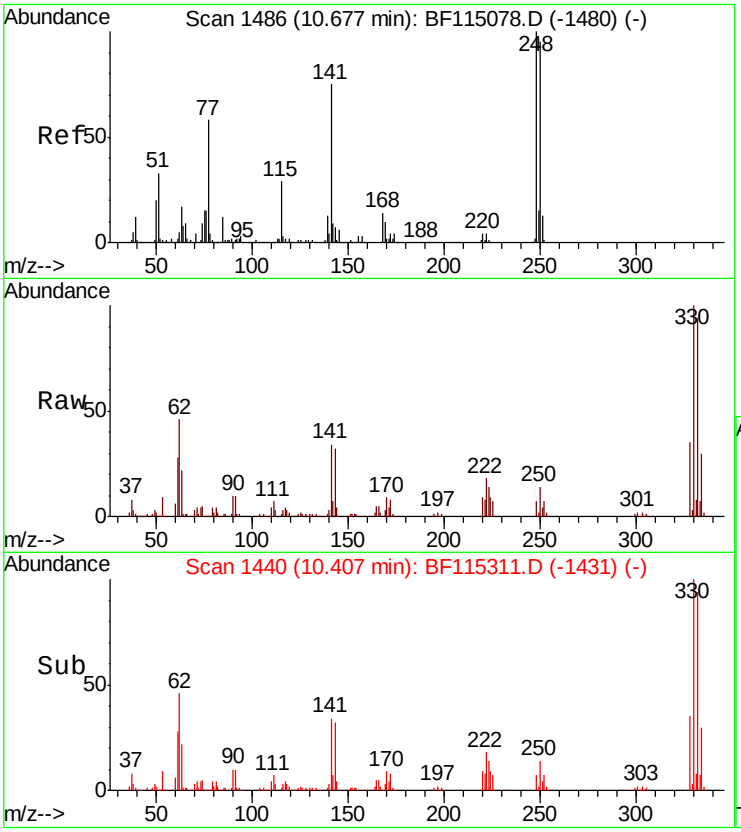


#65
4,6-Dinitro-2-methylphenol
Concen: 5.190 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:198 Resp: 1184

Ion	Ratio	Lower	Upper
198	100		
51	151.4	11.0	51.0#
105	185.7	17.3	57.3#



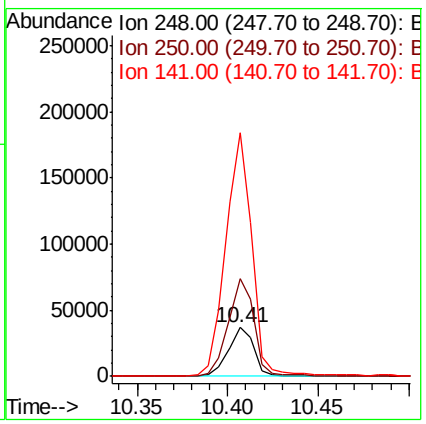


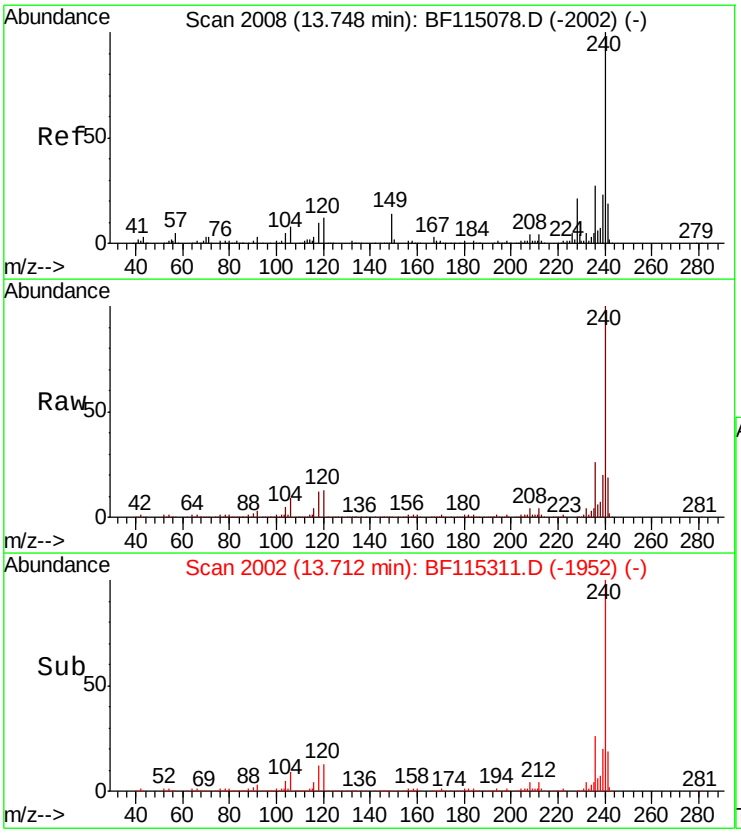
#67
4-Bromophenyl-phenylether
Concen: 3.886 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:248 Resp: 36573

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.2	114.2#
141	500.6	59.6	89.4#

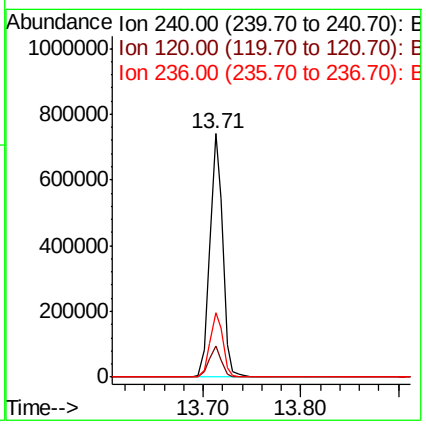


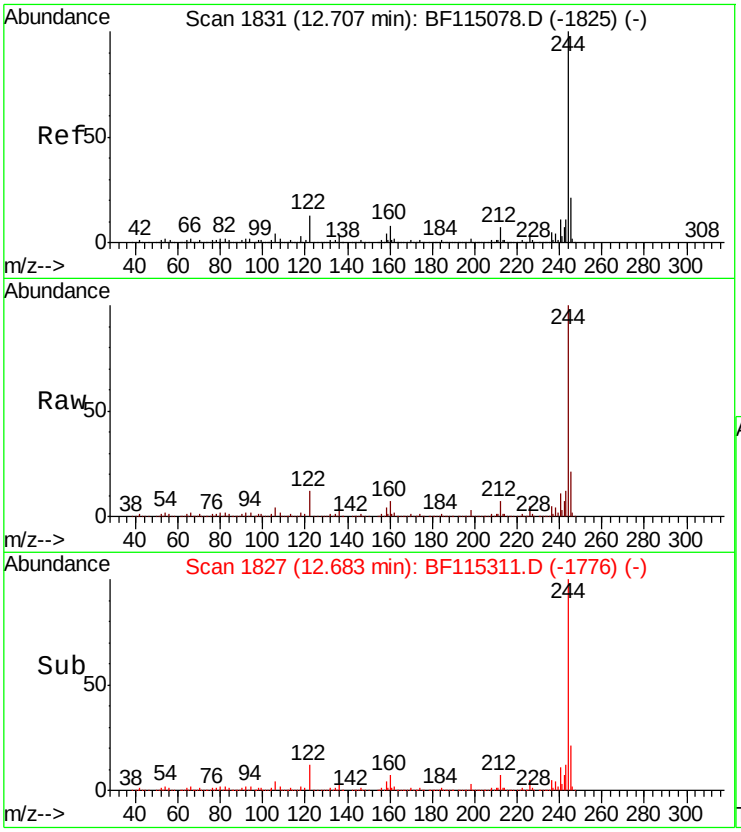


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:240 Resp: 670530

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.4	14.2
236	26.4	21.7	32.5



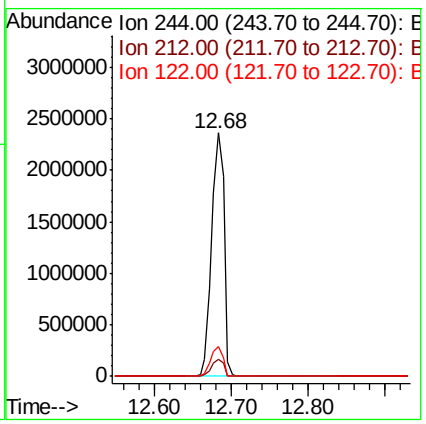


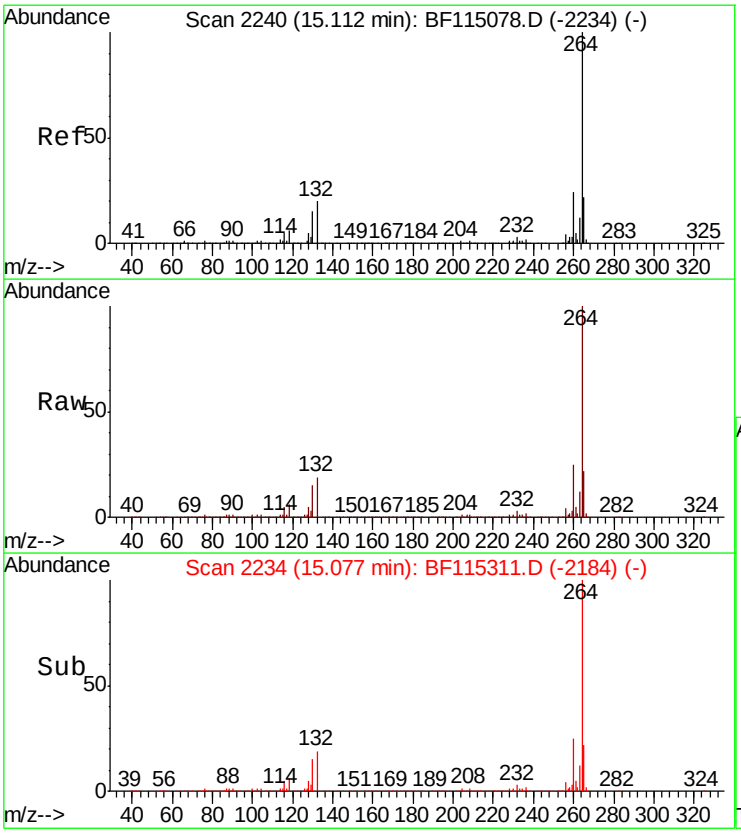
#79
Terphenyl-d14
Concen: 81.793 ng
RT: 12.68 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Instrument :
BNA_F
ClientSampleId :
PB121004BL

Tgt Ion:244 Resp: 2579534

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	12.3	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115311.D
Acq: 29 Jun 2019 9:41

Tgt Ion:264 Resp: 718394

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