Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
Data File : BF115204.D
Acq On : 25 Jun 2019 22:51
Operator : HP/JU
Sample : K3512-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SAMPLE-7

Quant Time: Jun 26 05:51:55 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	225860	20.00	ng	-0.01
21) Naphthalene-d8	7.89	136	765250	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	324506	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	576130	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	537523	20.00	ng	-0.02
87) Perylene-d12	15.09	264	624922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1653677	112.99	ng	0.00
7) Phenol-d6	6.25	99	1993387	112.21	ng	0.00
23) Nitrobenzene-d5	7.17	82	1170693	94.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	416334	121.66	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1890703	98.97	ng	-0.02
79) Terphenyl-d14	12.69	244	1798530	71.14	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	155079	13.635	ng	# 78
25) Isophorone	7.17	82	1148937	45.085	ng	# 63
50) Dimethylphthalate	9.36	163	243679	10.207	ng	98
57) 2,4-Dinitrotoluene	9.64	165	41706	5.860	ng	# 30
58) Fluorene	10.18	166	2316	Below Cal		# 95
65) 4,6-Dinitro-2-methylphenol	10.41	198	904	5.224	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	26037	4.168	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062519\
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Acq On : 25 Jun 2019 22:51
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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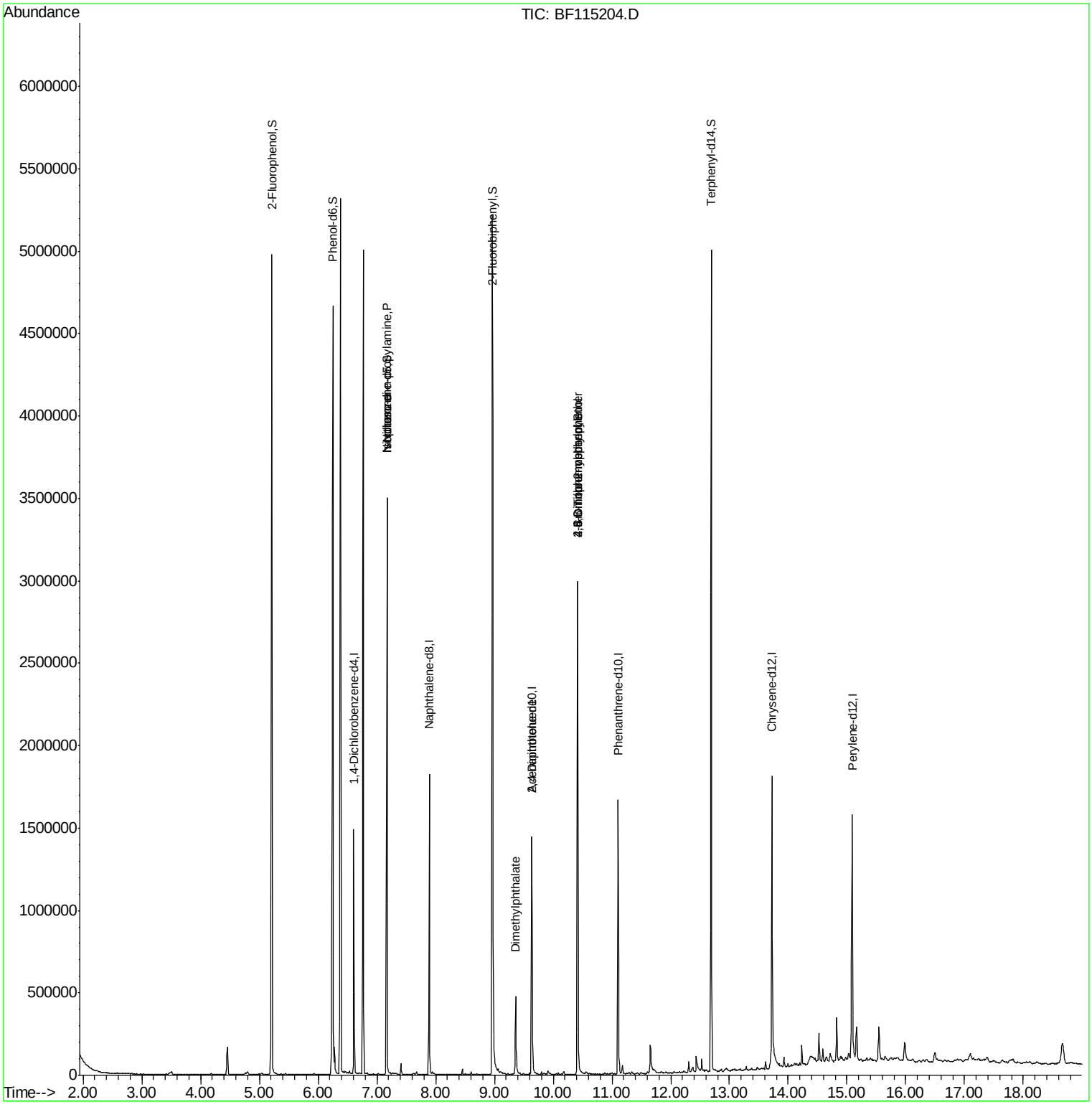
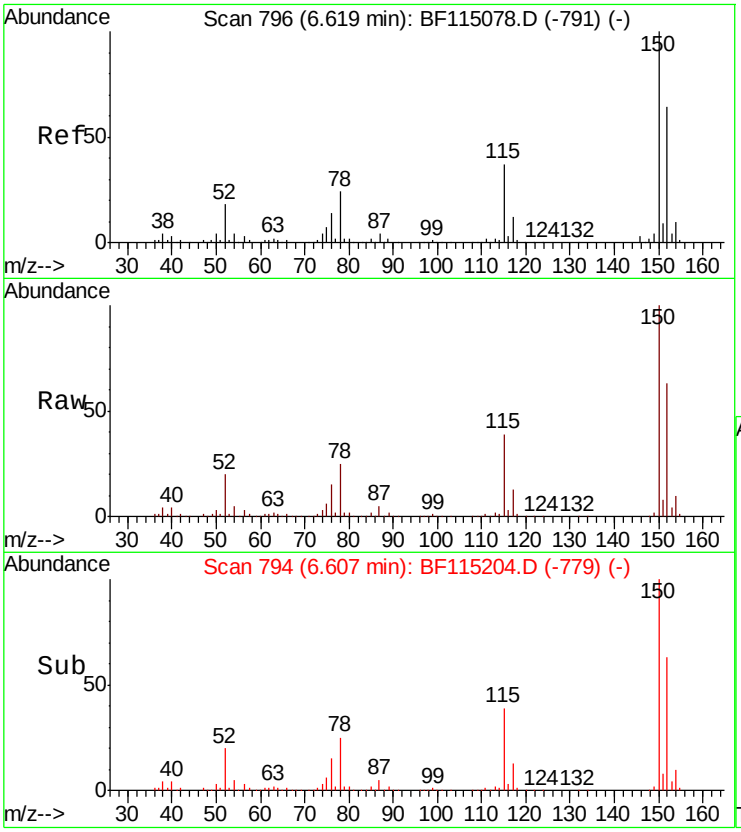


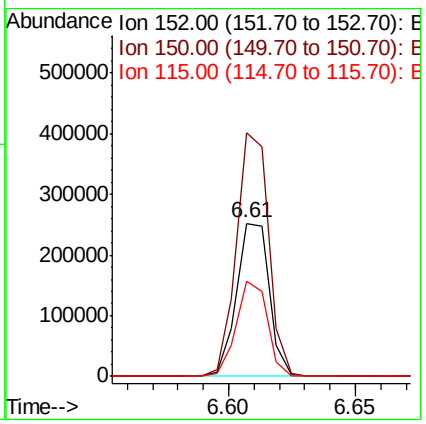


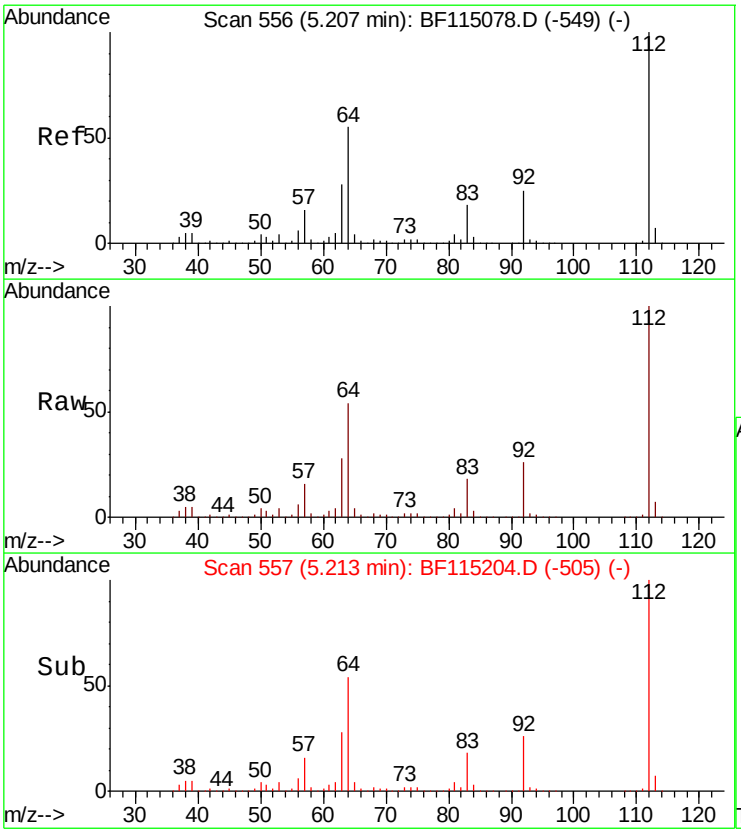
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:152 Resp: 225860

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.2	186.2
115	62.6	46.1	69.1

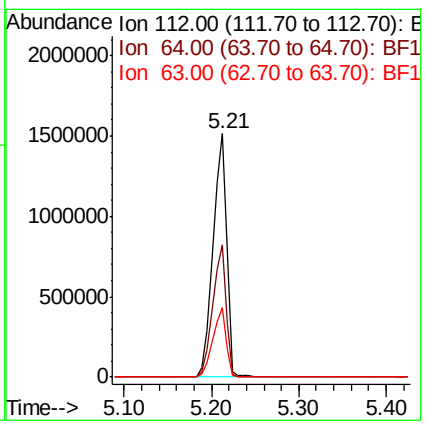


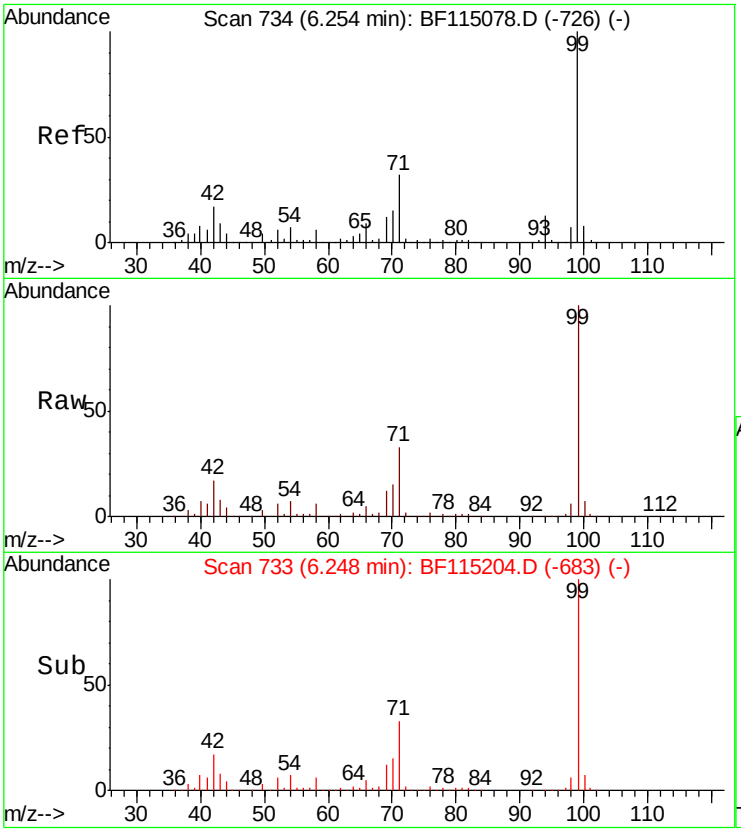


#5
2-Fluorophenol
Concen: 112.986 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:112 Resp: 1653677

Ion	Ratio	Lower	Upper
112	100		
64	54.2	43.8	65.6
63	28.4	22.2	33.4



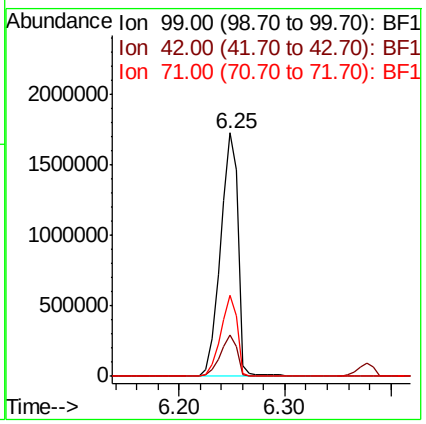


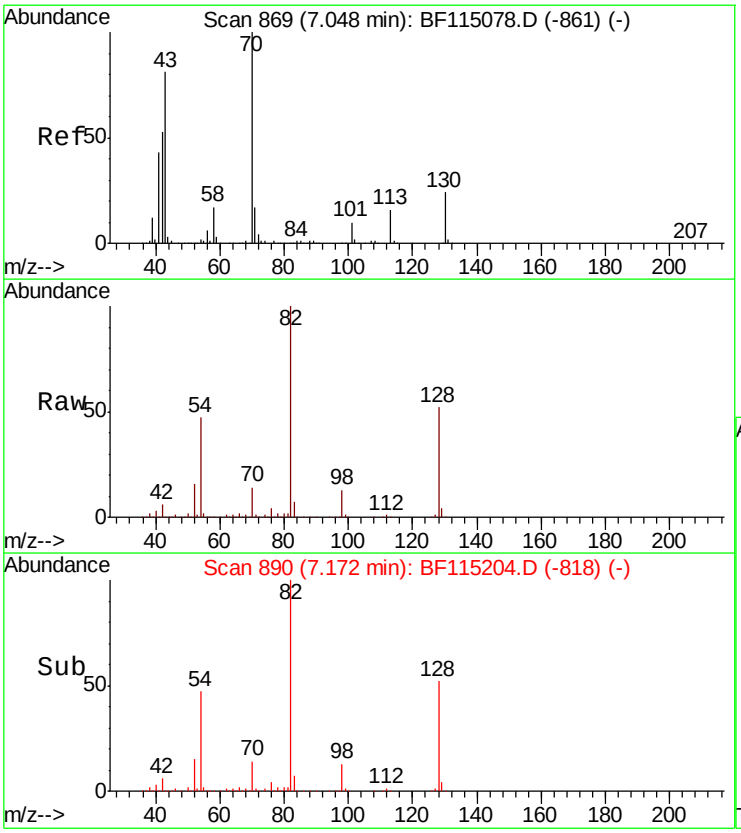
#7
Phenol-d6
Concen: 112.211 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion: 99 Resp: 1993387

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	33.3	25.5	38.3

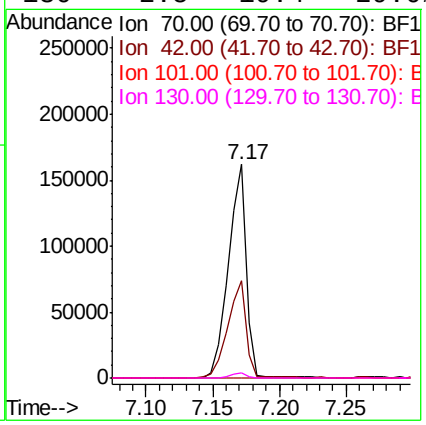


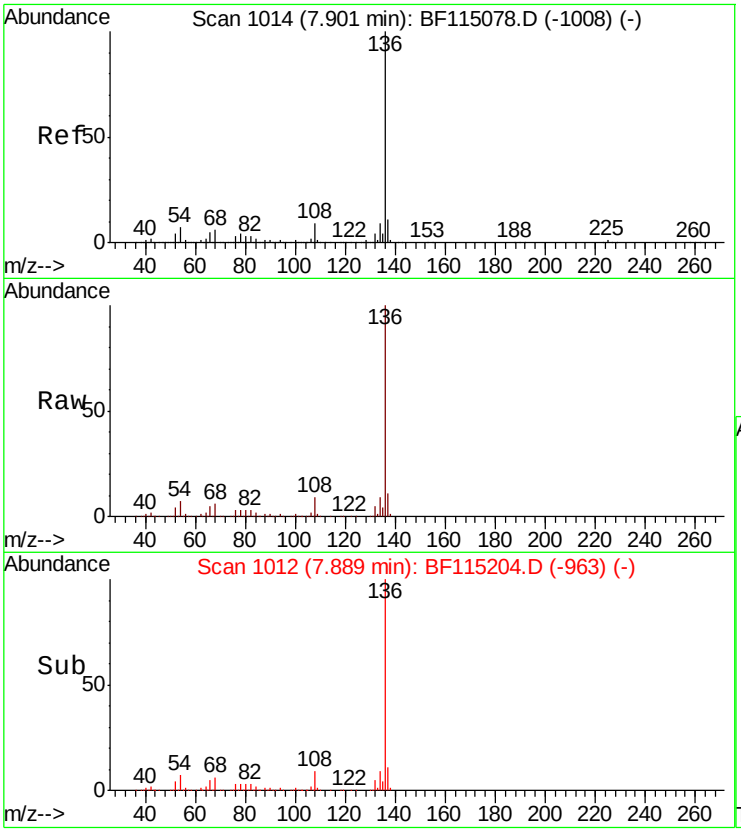


#19
n-Nitroso-di-n-propylamine
Concen: 13.635 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.12 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion: 70 Resp: 155079

Ion	Ratio	Lower	Upper
70	100		
42	45.7	42.6	63.8
101	0.0	8.0	12.0#
130	2.5	19.4	29.0#



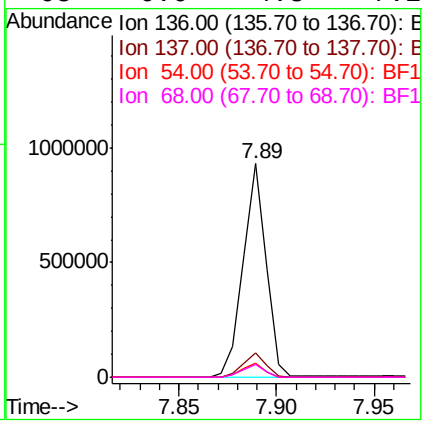


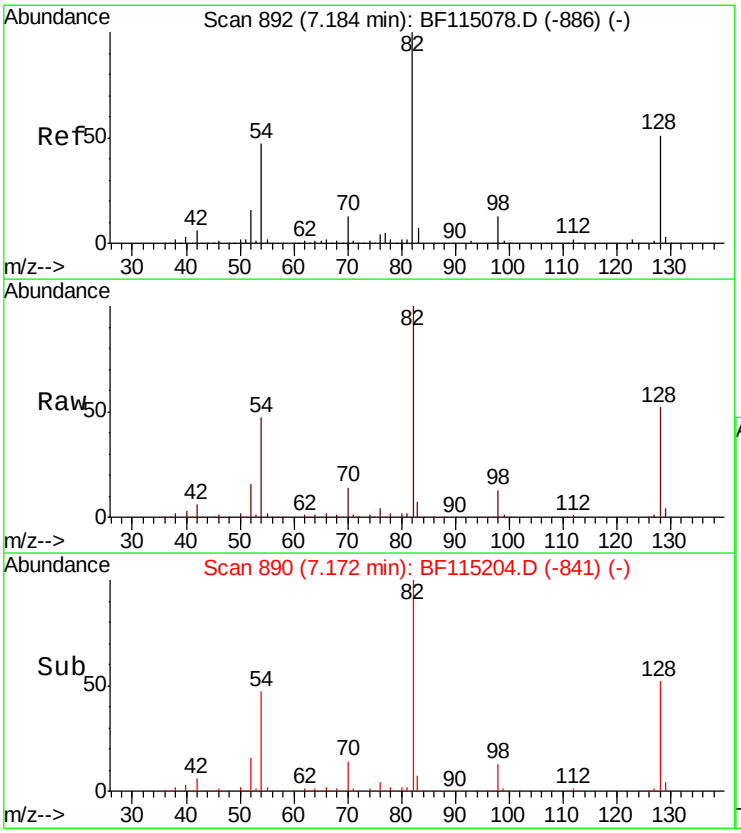
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:136 Resp: 765250

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	5.6	8.4
68	6.0	4.8	7.2

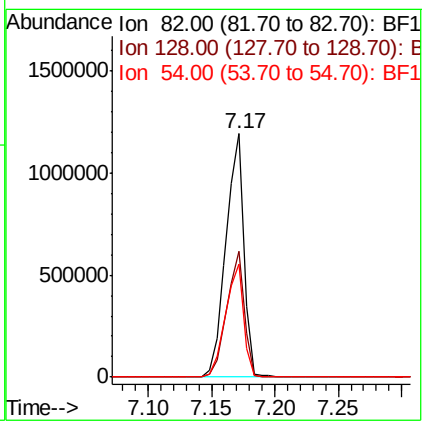


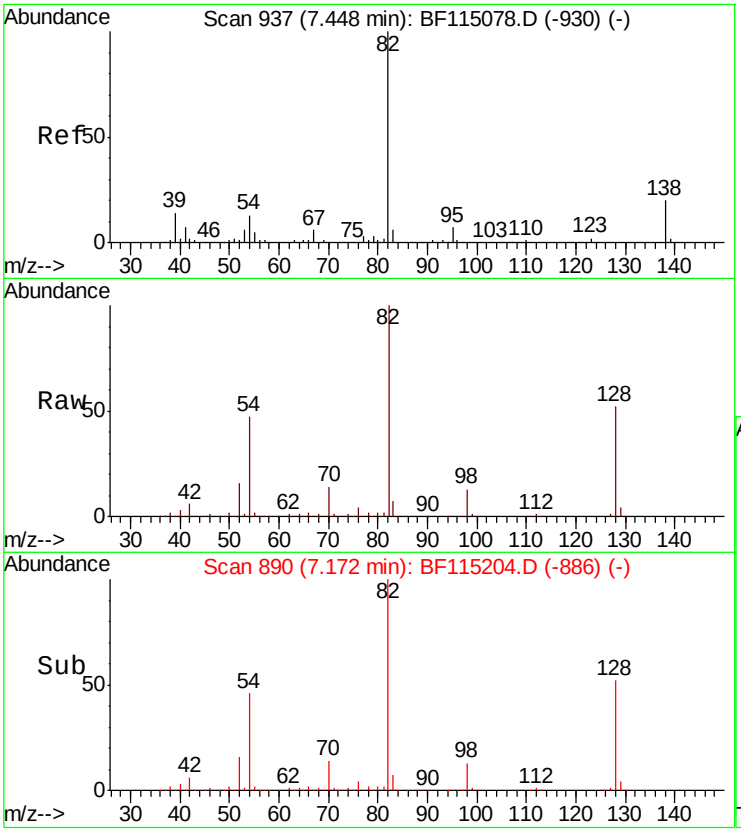


#23
Nitrobenzene-d5
Concen: 94.107 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion: 82 Resp: 1170693

Ion	Ratio	Lower	Upper
82	100		
128	51.8	40.4	60.6
54	46.6	37.5	56.3



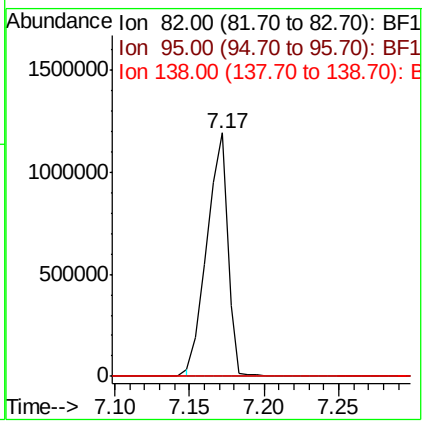


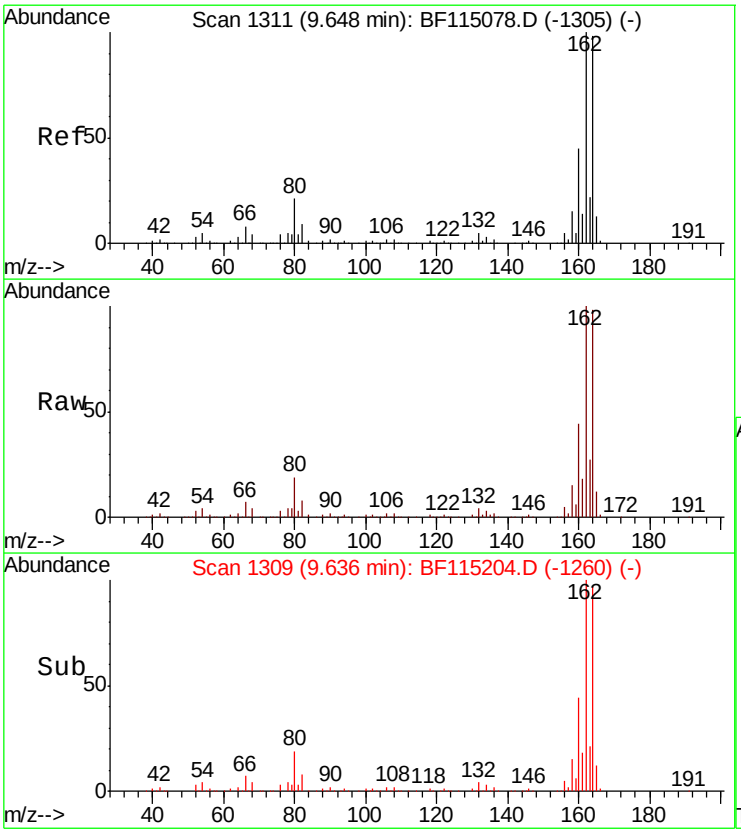
#25
Isophorone
Concen: 45.085 ng
RT: 7.17 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion: 82 Resp: 1148937

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

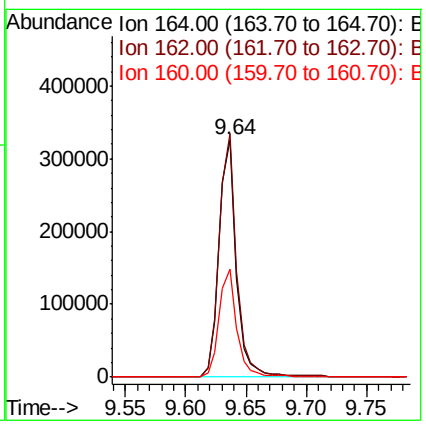


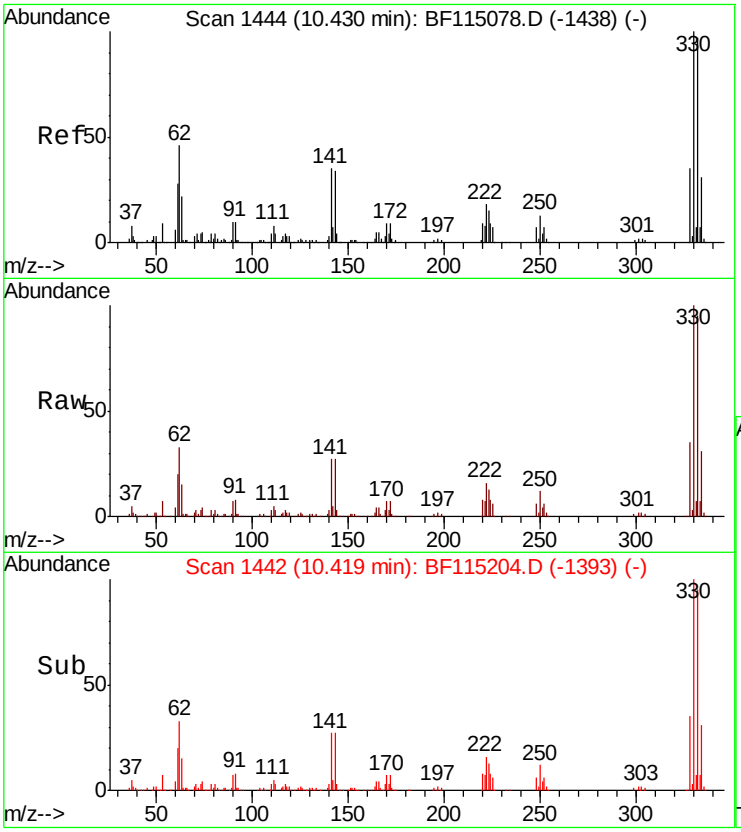


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:164 Resp: 324506

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.7	122.5
160	45.3	37.0	55.4



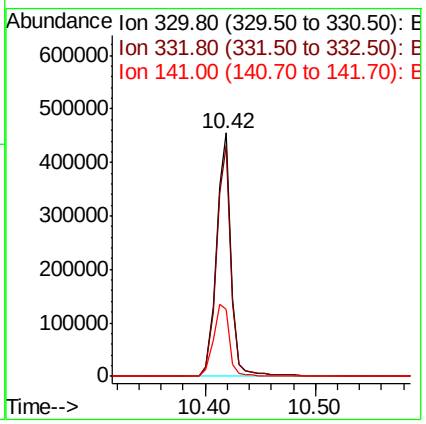


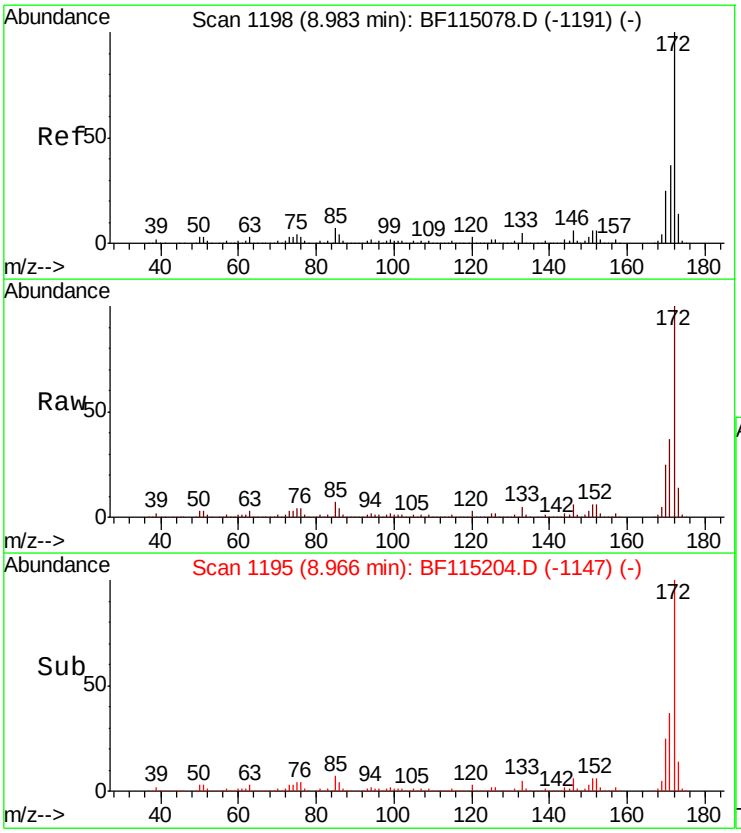
#42
2,4,6-Tribromophenol
Concen: 121.663 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:330 Resp: 416334

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	32.8	28.2	42.2

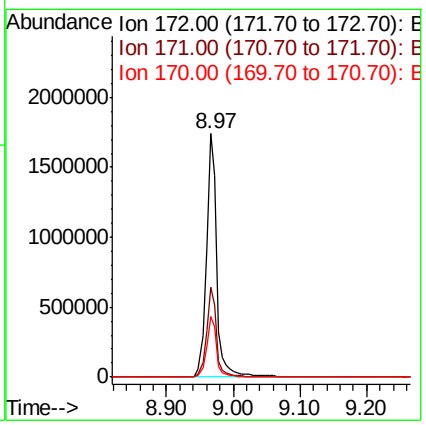


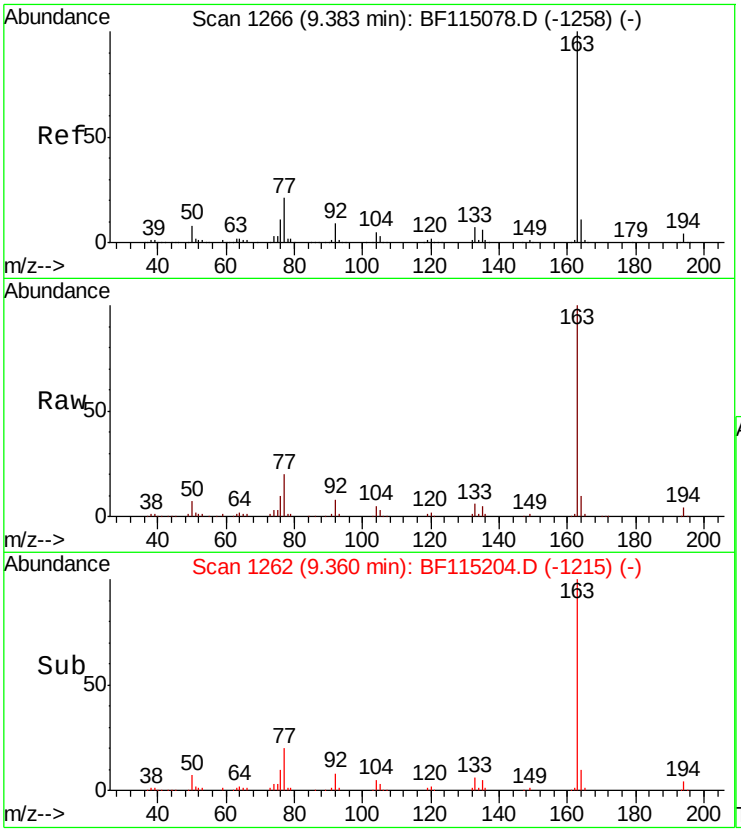


#45
2-Fluorobiphenyl
Concen: 98.969 ng
RT: 8.97 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:172 Resp: 1890703

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.1	20.3	30.5



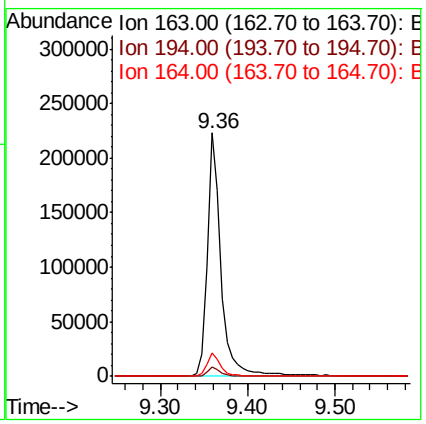


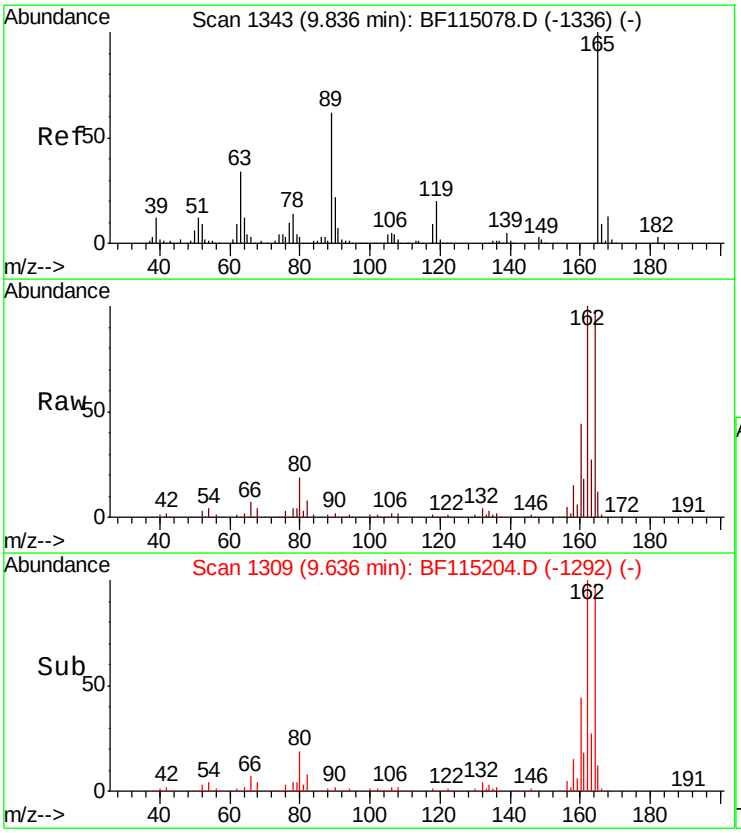
#50
Dimethylphthalate
Concen: 10.207 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:163 Resp: 243679

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.8	8.6	13.0

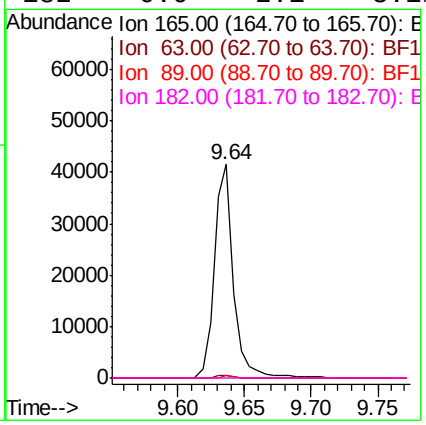


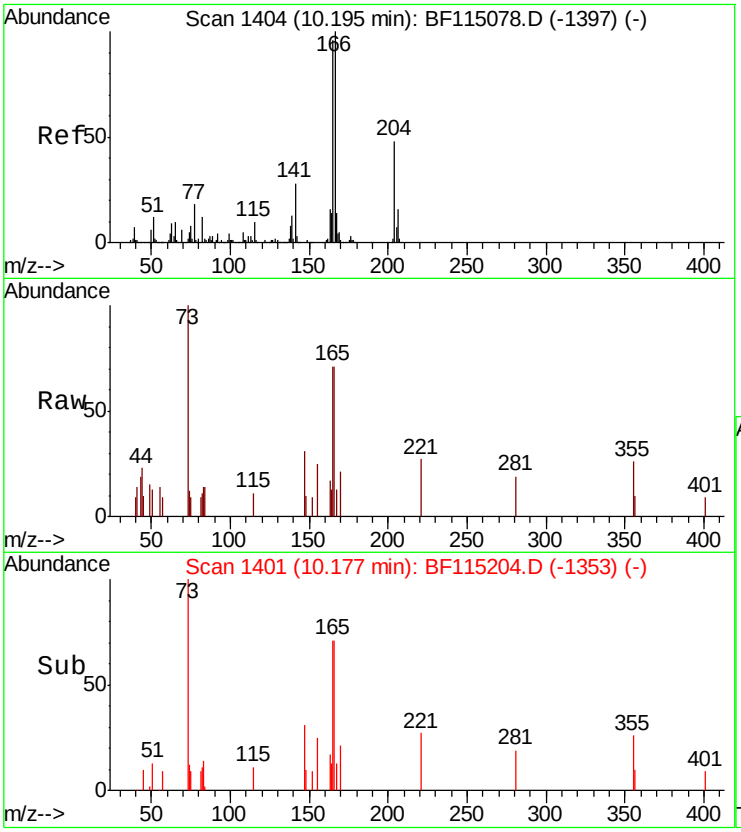


#57
2,4-Dinitrotoluene
Concen: 5.860 ng
RT: 9.64 min Scan# 1309
Delta R.T. -0.20 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:165 Resp: 41706

Ion	Ratio	Lower	Upper
165	100		
63	1.1	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#



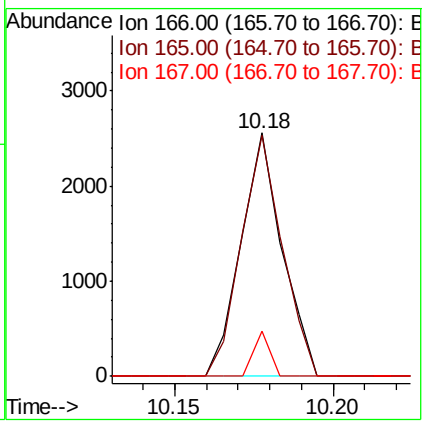


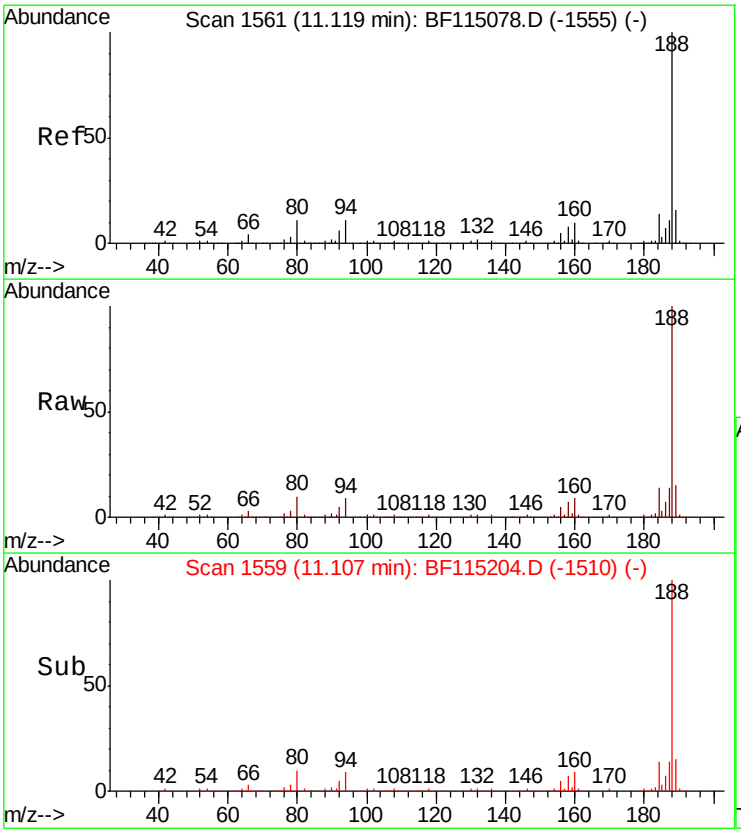
#58
Fluorene
Concen: Below Cal
RT: 10.18 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:166 Resp: 2316

Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.5	114.7
167	18.6	11.0	16.4#

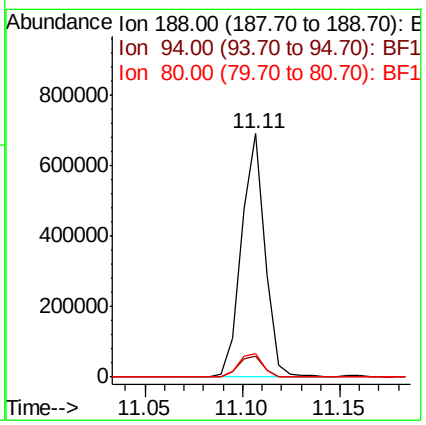


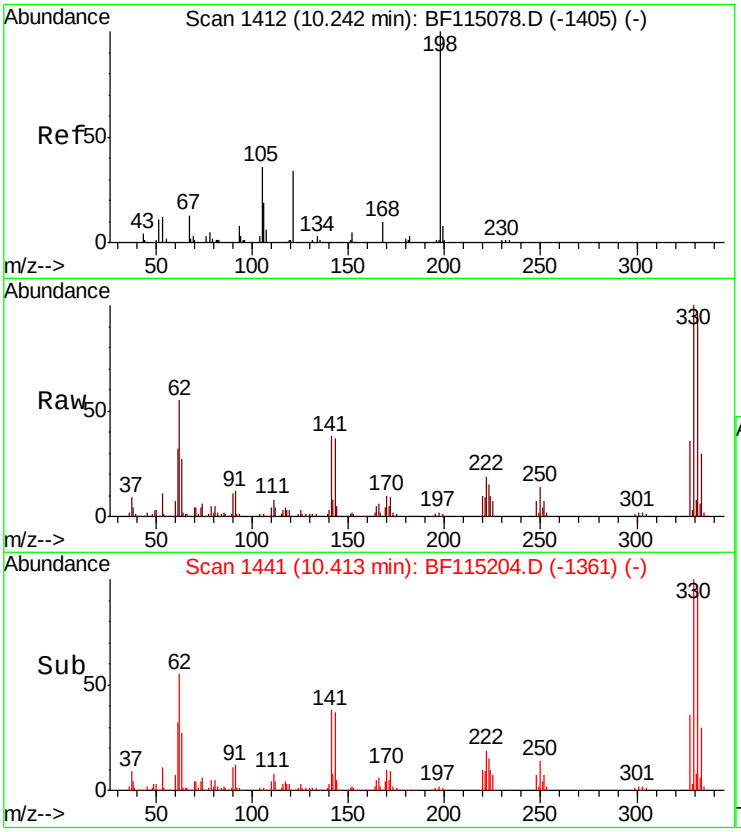


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:188 Resp: 576130

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.6	12.8
80	9.7	8.8	13.2



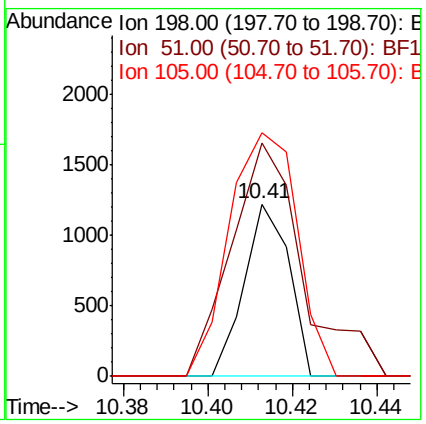


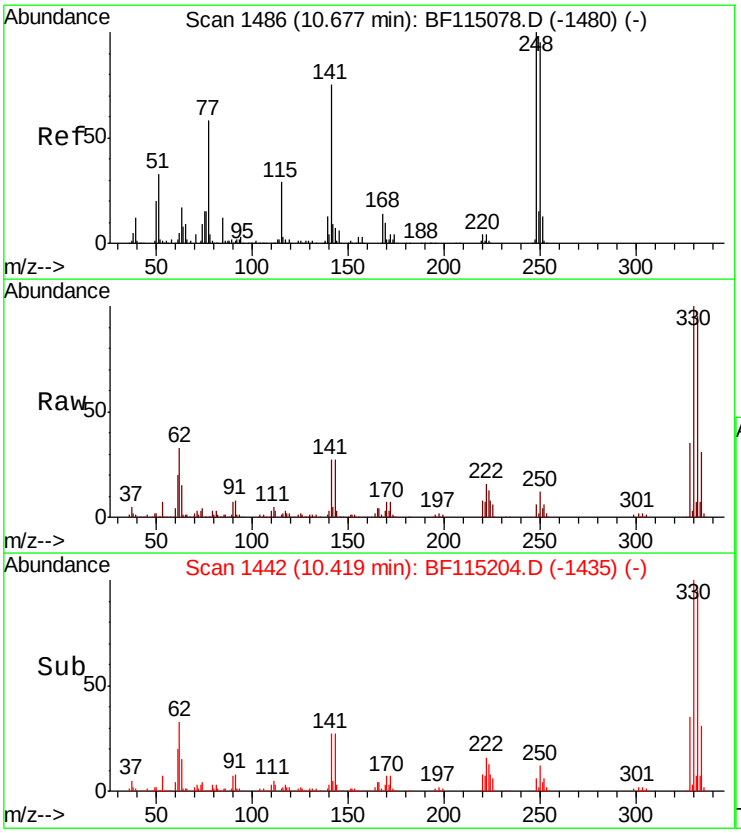
#65
4,6-Dinitro-2-methylphenol
Concen: 5.224 ng
RT: 10.41 min Scan# 1441
Delta R.T. 0.17 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:198 Resp: 904

Ion	Ratio	Lower	Upper
198	100		
51	135.4	11.0	51.0#
105	141.3	17.3	57.3#

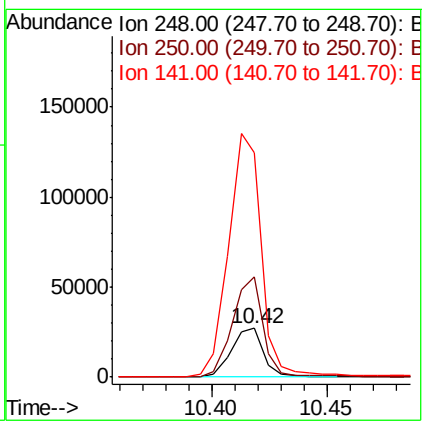


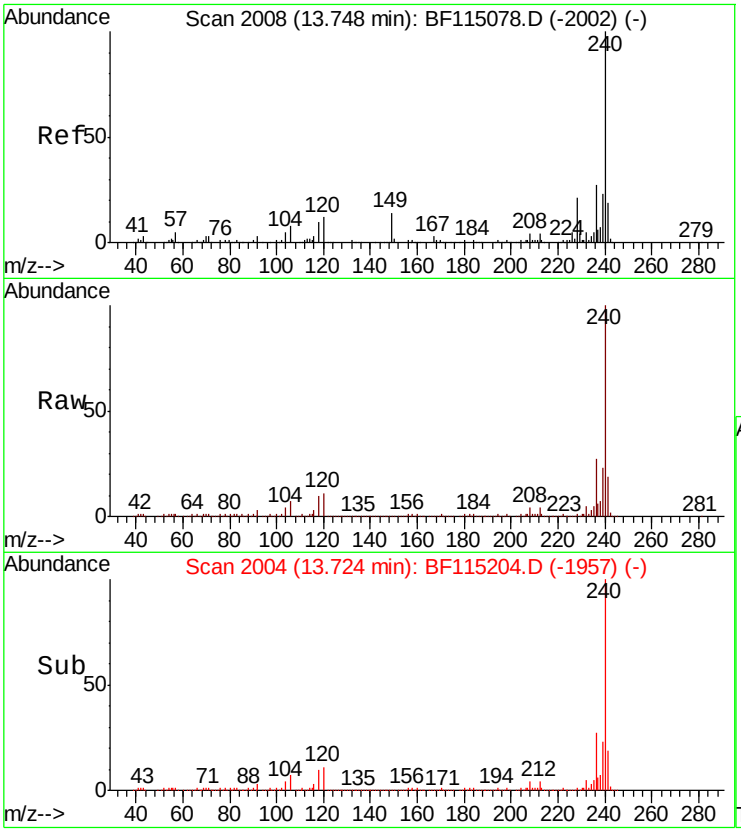


#67
4-Bromophenyl-phenylether
Concen: 4.168 ng
RT: 10.42 min Scan# 1442
Delta R.T. -0.26 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:248 Resp: 26037

Ion	Ratio	Lower	Upper
248	100		
250	207.7	76.2	114.2#
141	461.8	59.6	89.4#



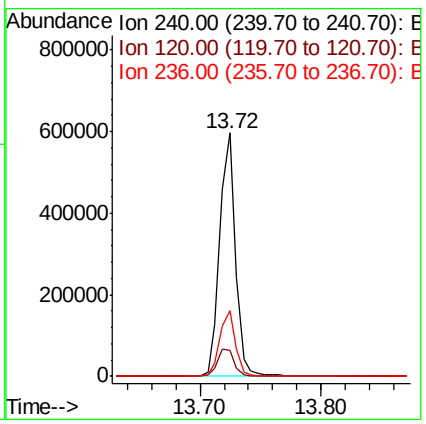


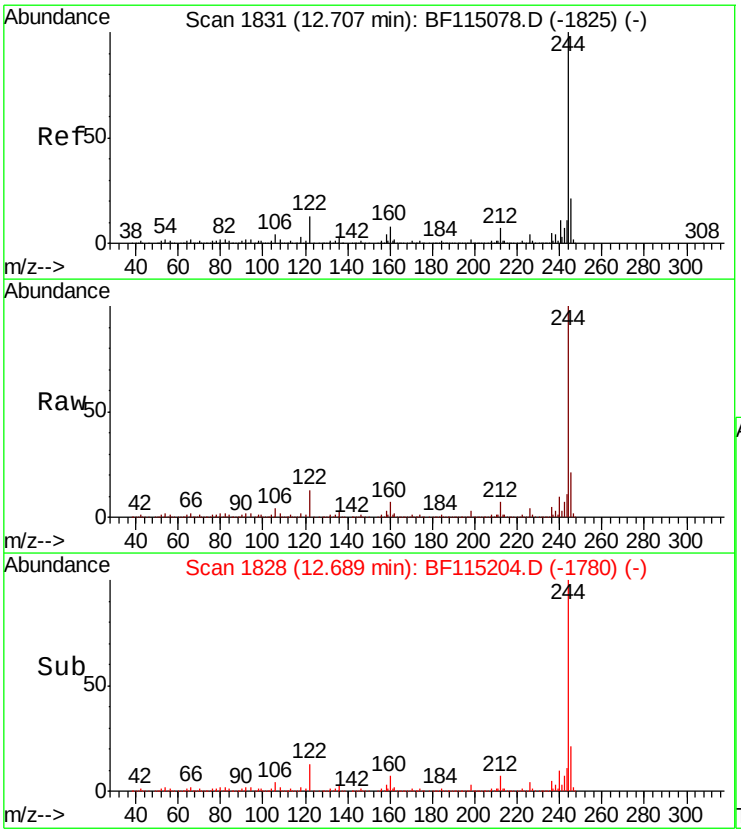
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.72 min Scan# 2004
Delta R.T. -0.02 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:240 Resp: 537523

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.2
236	26.9	21.7	32.5

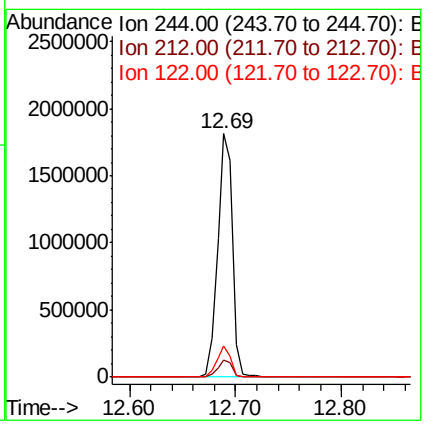


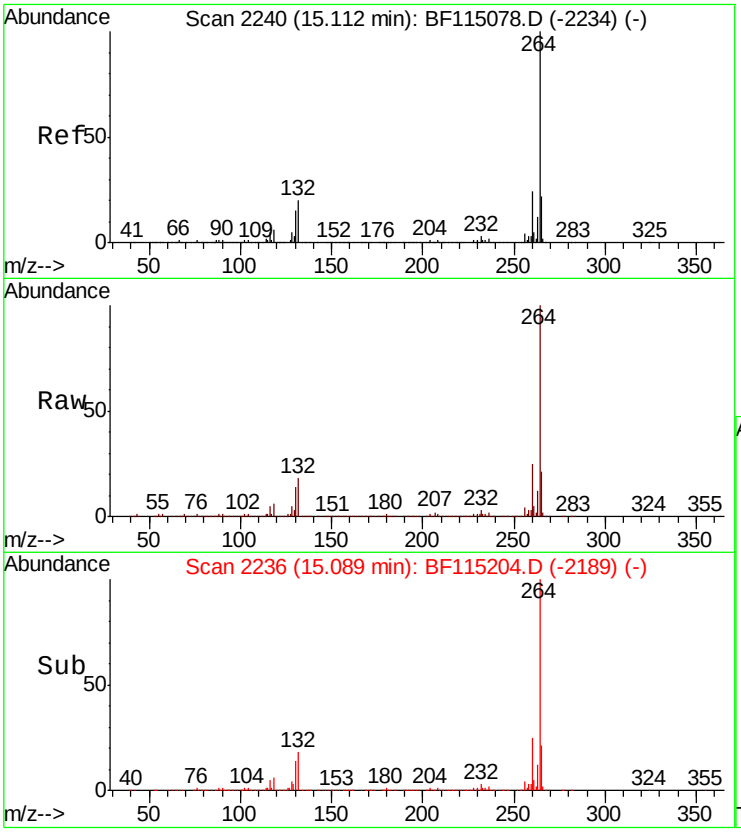


#79
Terphenyl-d14
Concen: 71.140 ng
RT: 12.69 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Tgt Ion:244 Resp: 1798530

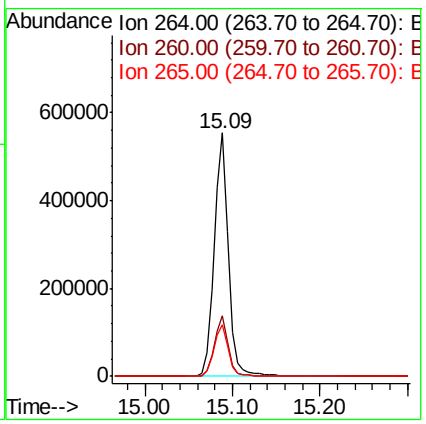
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.7	10.4	15.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF115204.D
Acq: 25 Jun 2019 22:51

Instrument :
BNA_F
ClientSampleId :
SAMPLE-7

Tgt Ion:264 Resp: 624922

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	21.0	17.3	25.9