Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112139.D
Acq On : 18 Jan 2019 21:57
Operator : JU/SJ
Sample : K1173-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200052

Quant Time: Jan 18 23:39:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	255250	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	971207	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	476818	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	878628	20.00	ng	0.00
76) Chrysene-d12	14.02	240	636369	20.00	ng	-0.01
87) Perylene-d12	15.49	264	622272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1429321	101.64	ng	0.00
7) Phenol-d6	6.50	99	1551713	88.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1316048	93.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	645130	125.42	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2583285	79.43	ng	0.00
79) Terphenyl-d14	12.96	244	2538851	84.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2542	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	179240	16.722	ng	# 77
25) Isophorone	7.42	82	1297840	47.799	ng	# 63
32) Benzoic acid	7.92	122	131	7.192	ng	# 34
51) 2,6-Dinitrotoluene	9.89	165	59671	8.593	ng	# 34
56) 4-Nitrophenol	10.09	139	416	5.725	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	59671	10.637	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.68	198	1298	10.350	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	38510	3.773	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112139.D
Acq On : 18 Jan 2019 21:57
Operator : JU/SJ
Sample : K1173-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200052

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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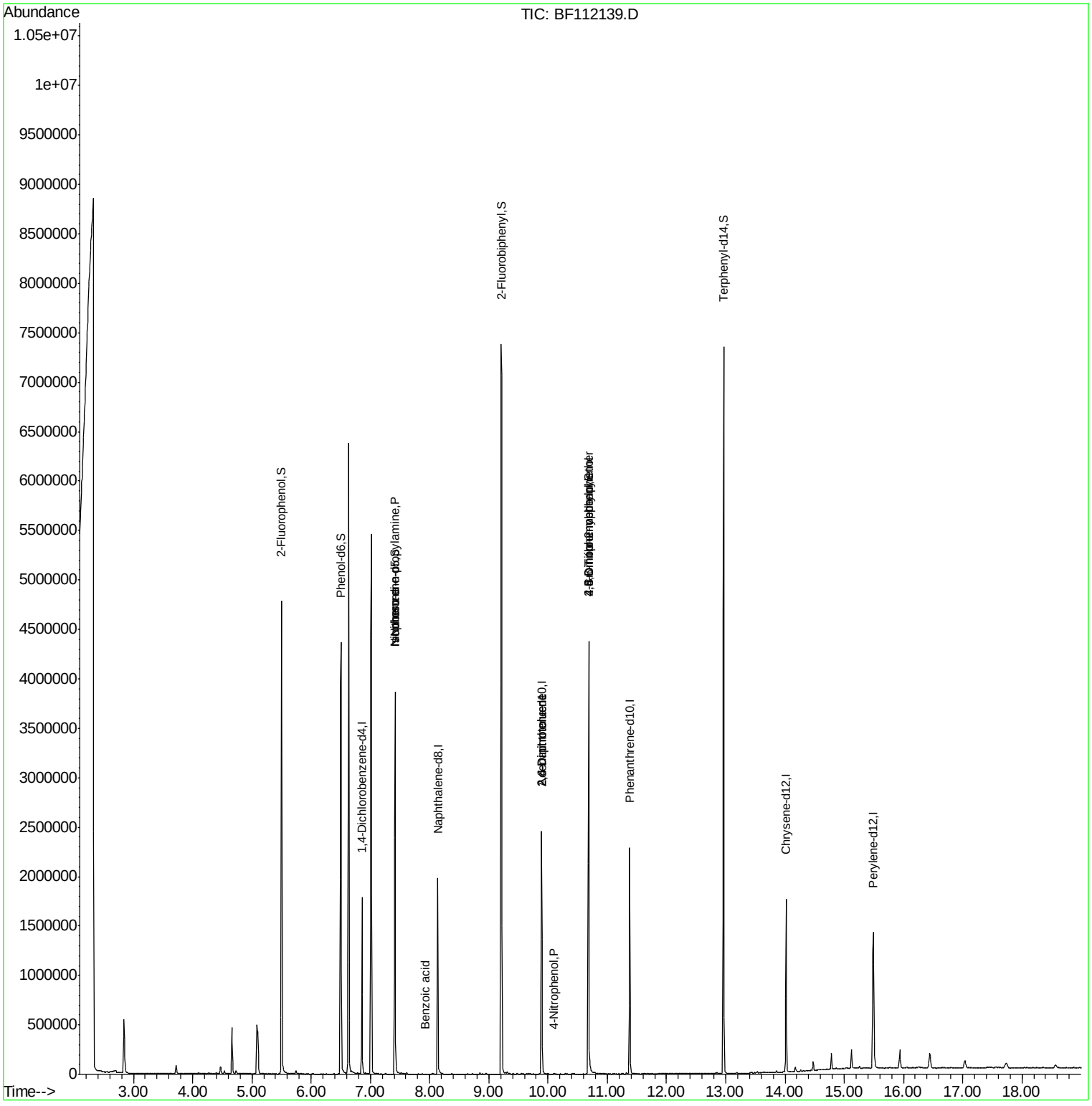
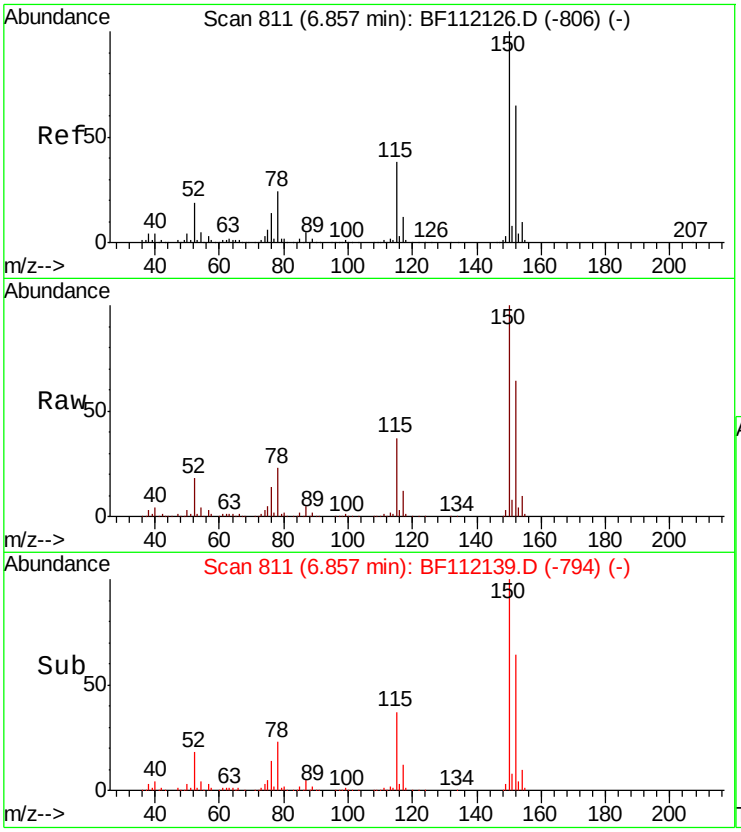


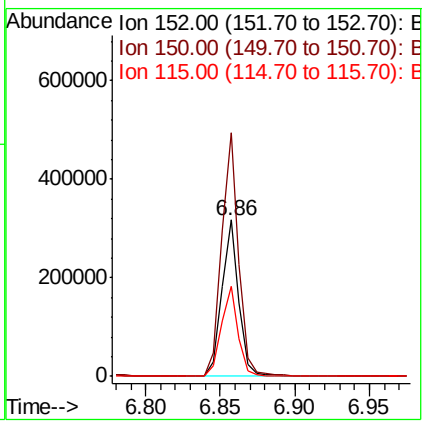


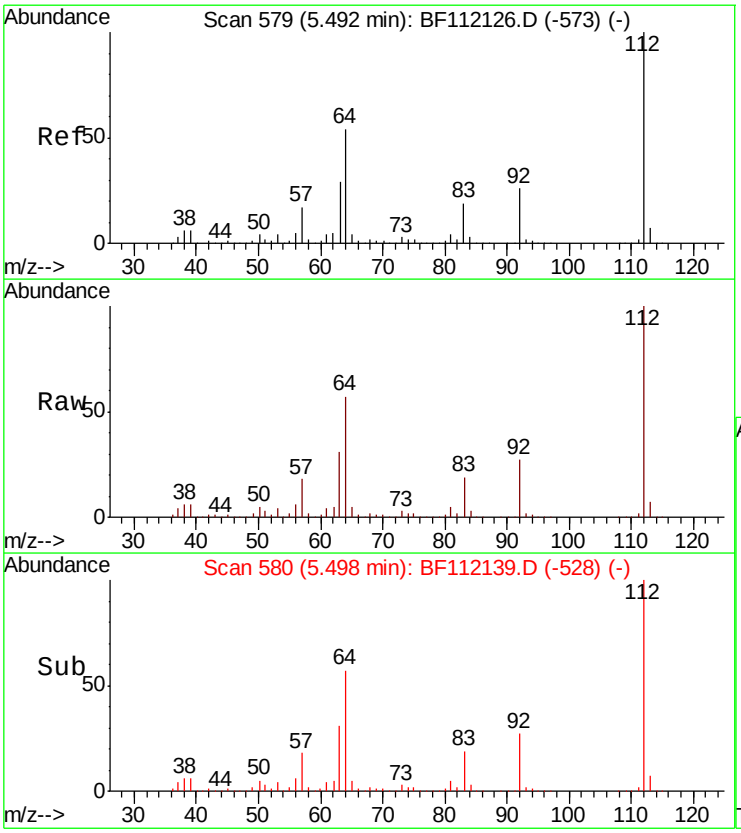
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:152 Resp: 255250

Ion	Ratio	Lower	Upper
152	100		
150	156.1	127.4	191.0
115	57.4	45.5	68.3

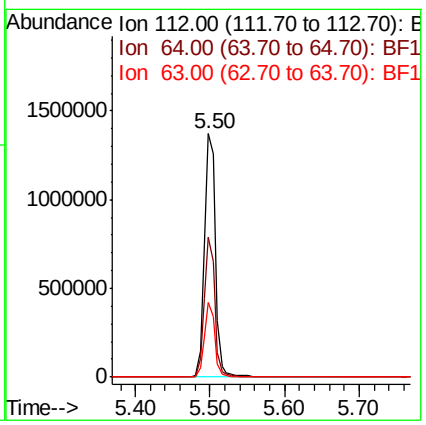


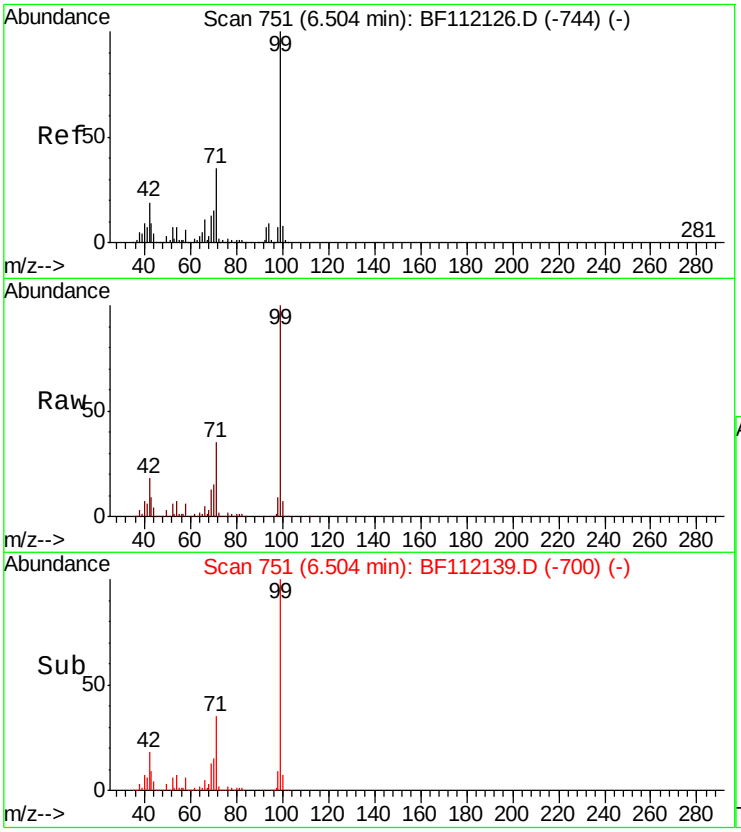


#5
2-Fluorophenol
Concen: 101.636 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:112 Resp: 1429321

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.8	23.6	35.4



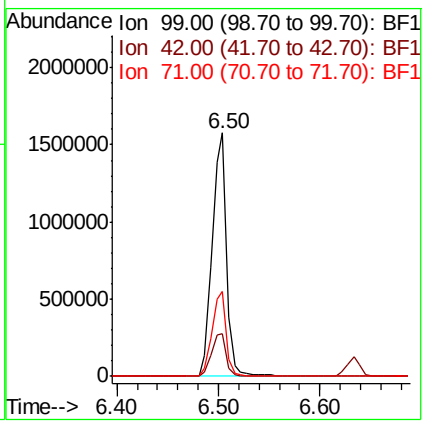


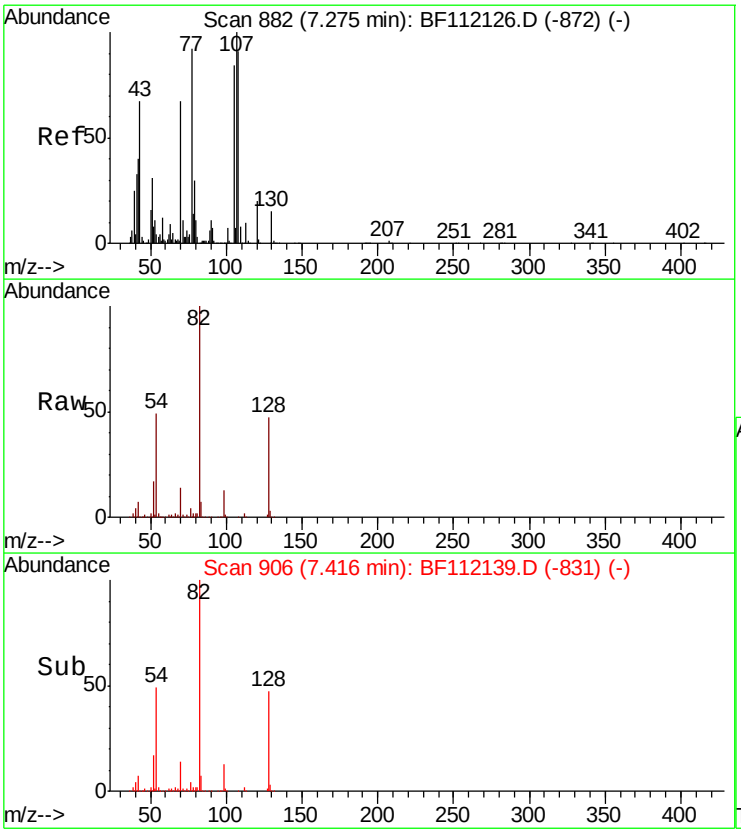
#7
Phenol-d6
Concen: 88.190 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion: 99 Resp: 1551713

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.1	22.7
71	34.7	26.9	40.3

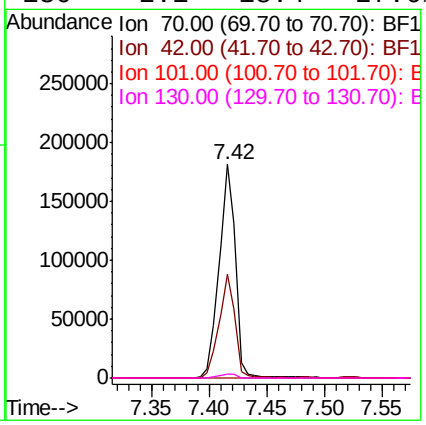


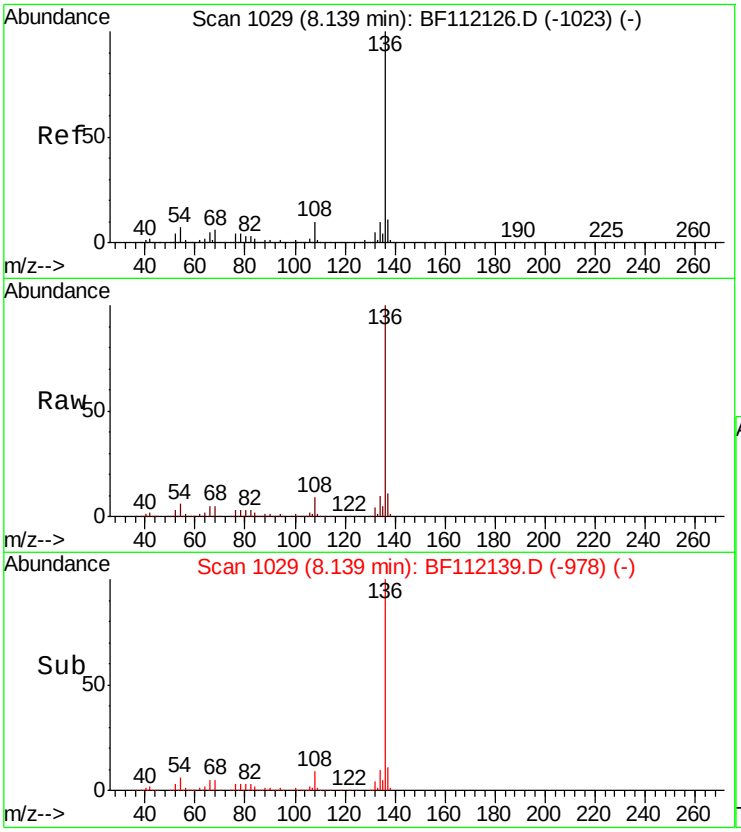


#19
n-Nitroso-di-n-propylamine
Concen: 16.722 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion: 70 Resp: 179240

Ion	Ratio	Lower	Upper
70	100		
42	48.6	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



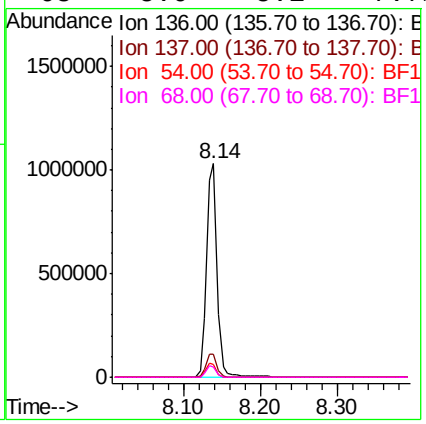


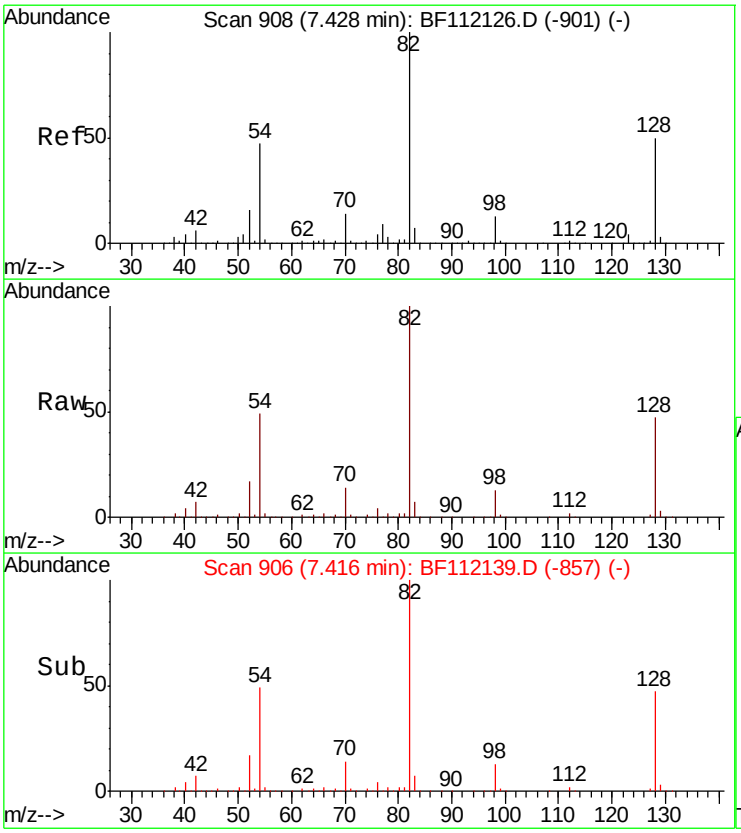
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:136 Resp: 971207

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.9	5.9	8.9
68	5.0	5.1	7.7#

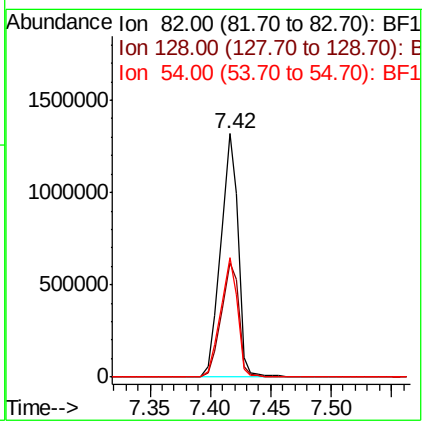


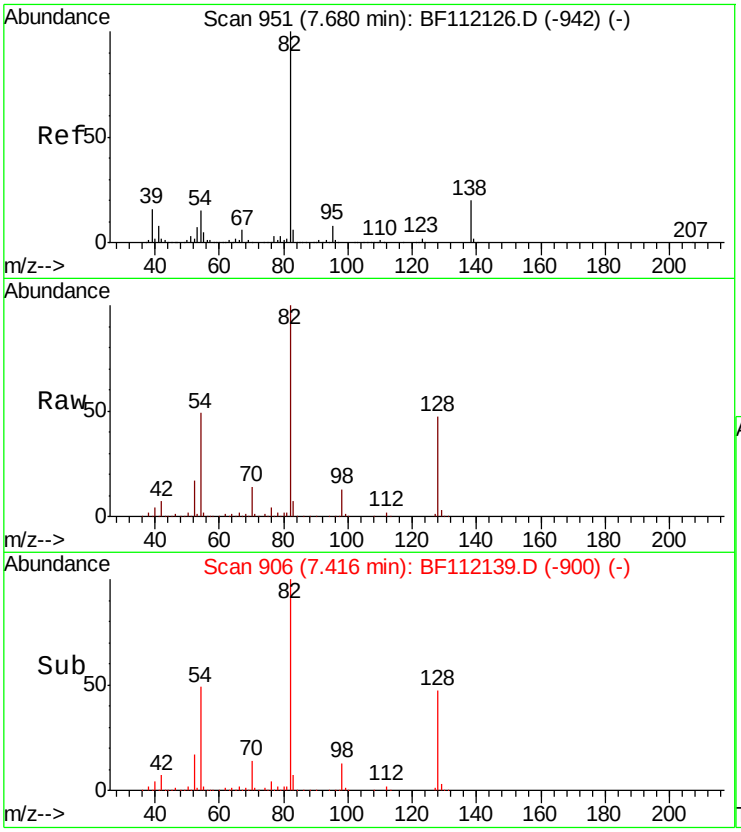


#23
Nitrobenzene-d5
Concen: 93.620 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion: 82 Resp: 1316048

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	48.9	39.7	59.5



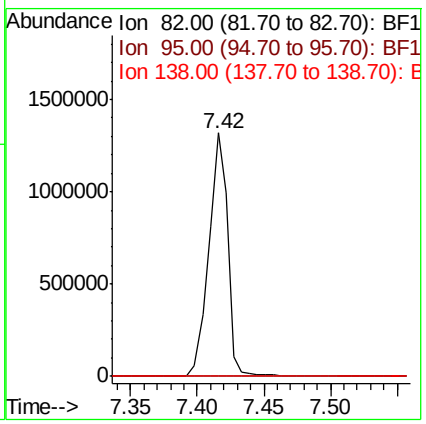


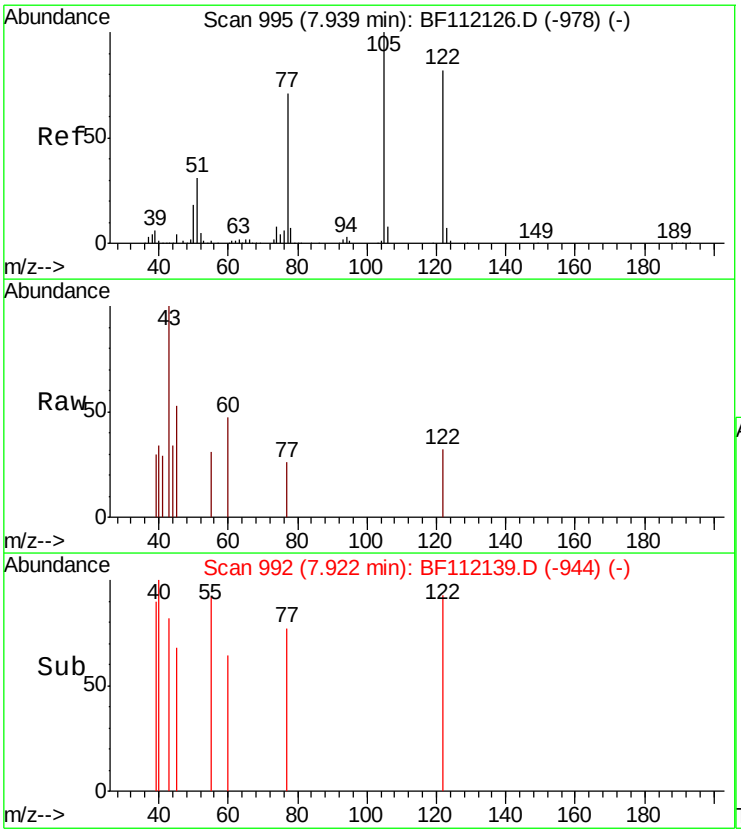
#25
Isophorone
Concen: 47.799 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion: 82 Resp: 1297840

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.4	23.0#

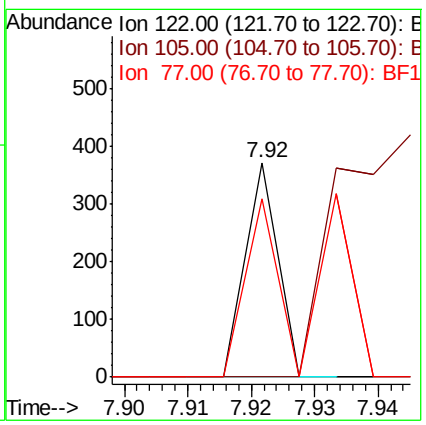


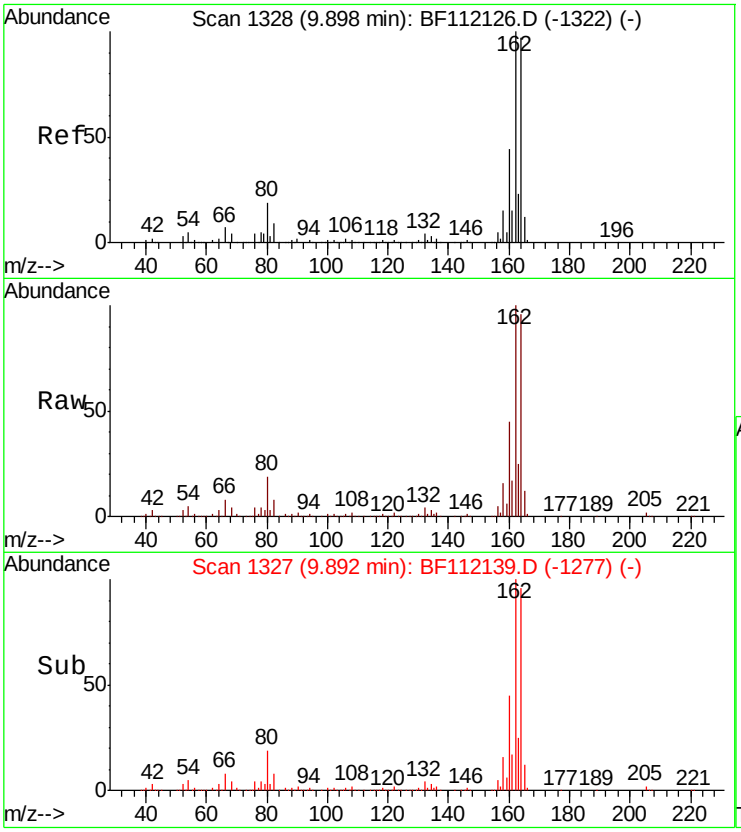


#32
Benzoic acid
Concen: 7.192 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:122 Resp: 131

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.2	141.2#
77	82.8	70.4	110.4



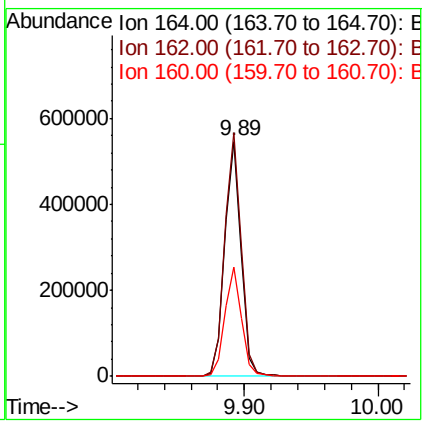


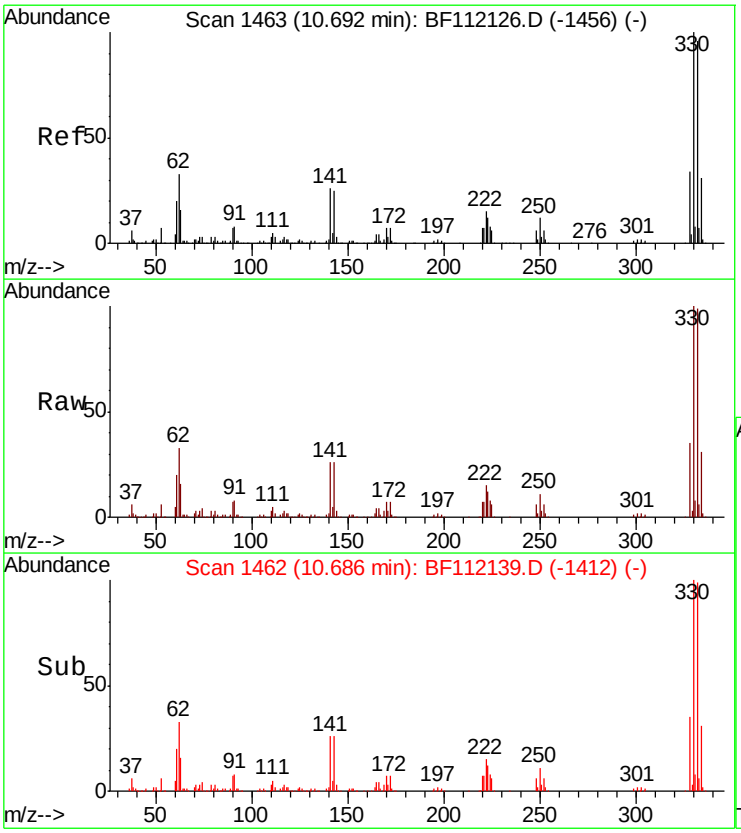
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:164 Resp: 476818

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	46.3	36.2	54.4

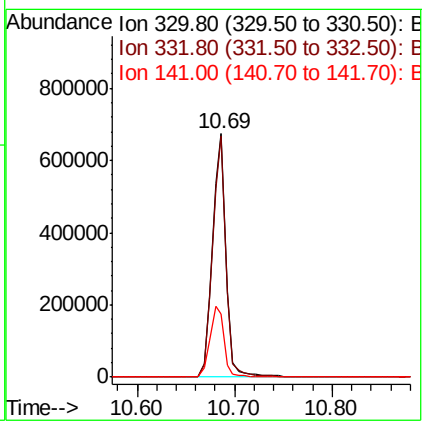


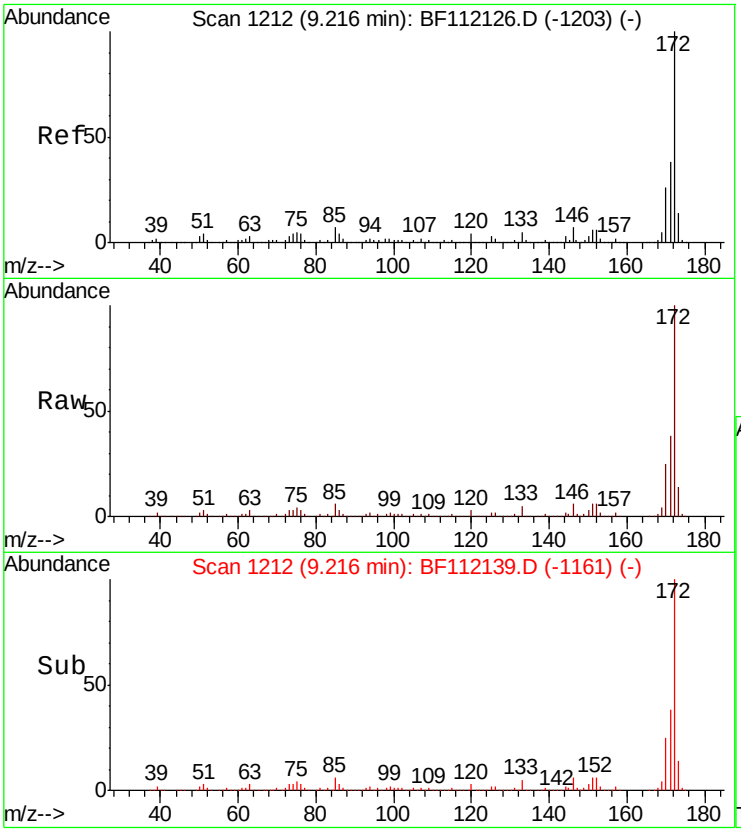


#42
2,4,6-Tribromophenol
Concen: 125.418 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:330 Resp: 645130

Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.6	114.8
141	30.8	24.3	36.5



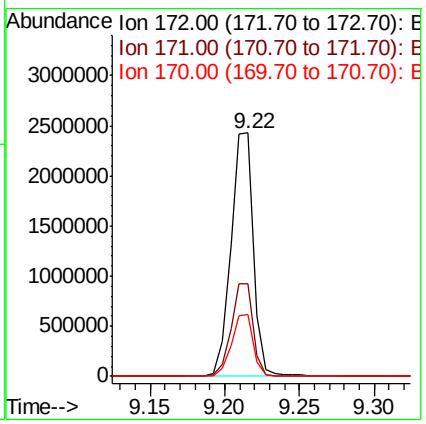


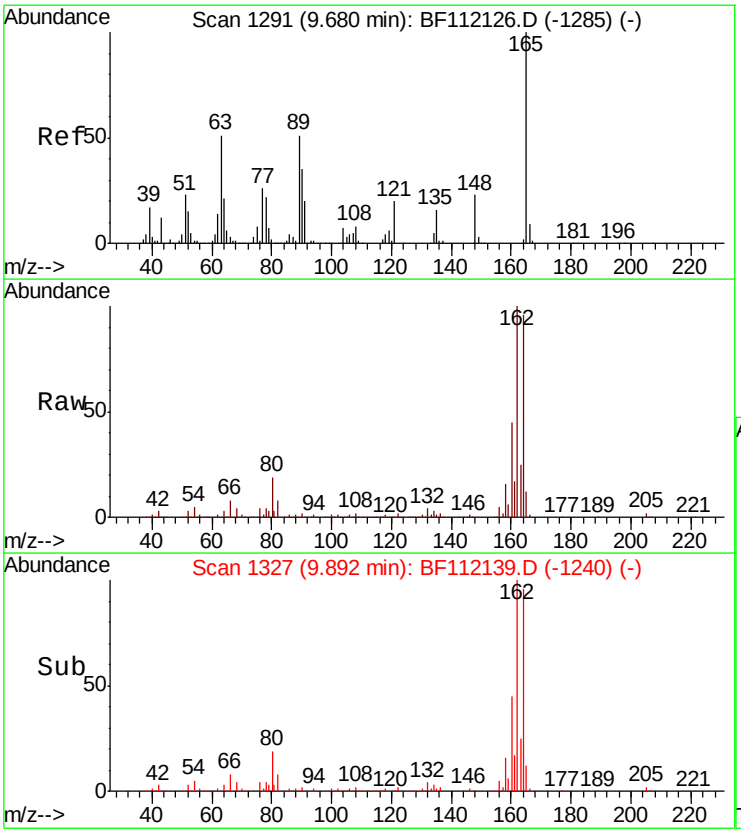
#45
2-Fluorobiphenyl
Concen: 79.430 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:172 Resp: 2583285

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.5	45.7
170	25.2	20.2	30.4

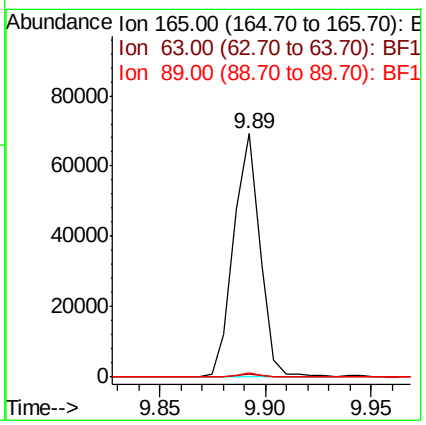


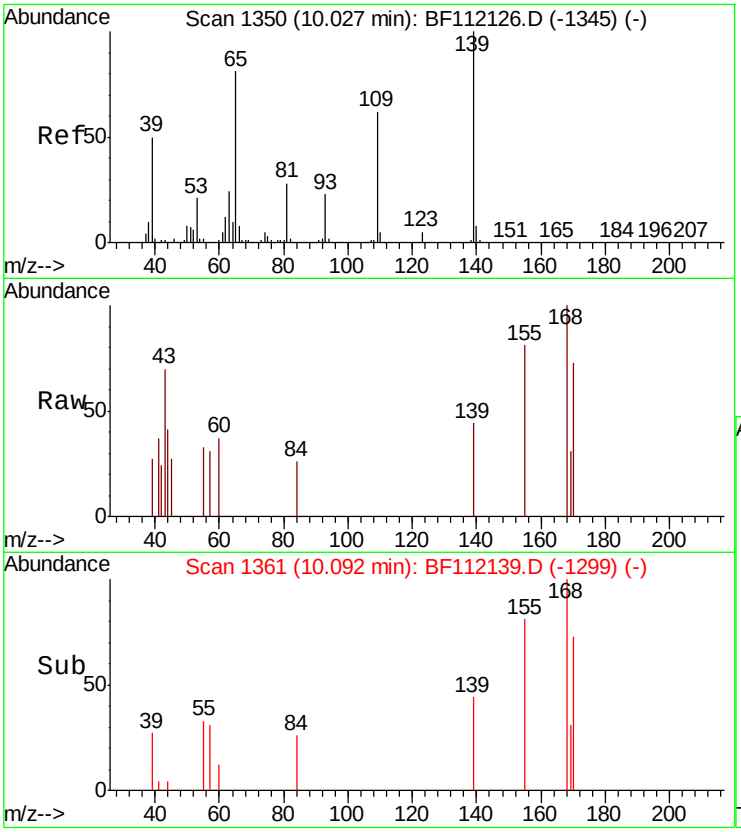


#51
2,6-Dinitrotoluene
Concen: 8.593 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:165 Resp: 59671

Ion	Ratio	Lower	Upper
165	100		
63	1.2	33.8	50.8#
89	2.0	36.9	55.3#



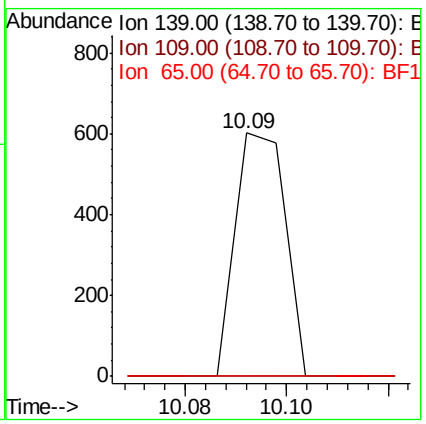


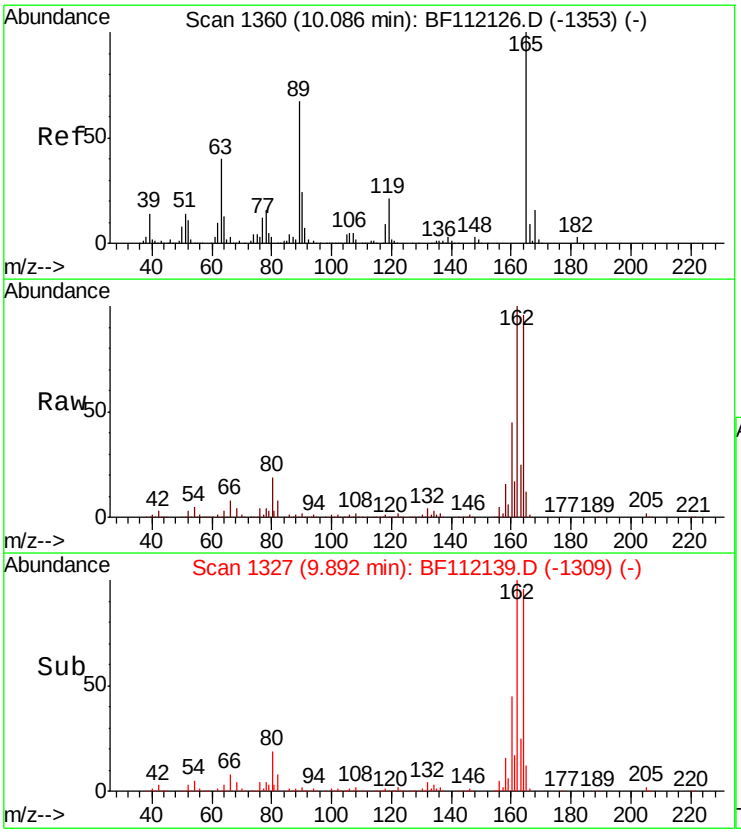
#56
4-Nitrophenol
Concen: 5.725 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:139 Resp: 416

Ion	Ratio	Lower	Upper
139	100		
109	0.0	42.8	82.8#
65	0.0	66.1	106.1#

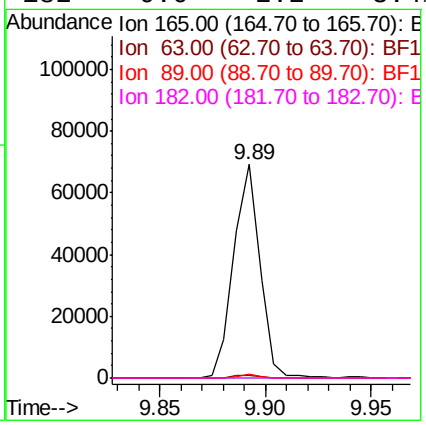


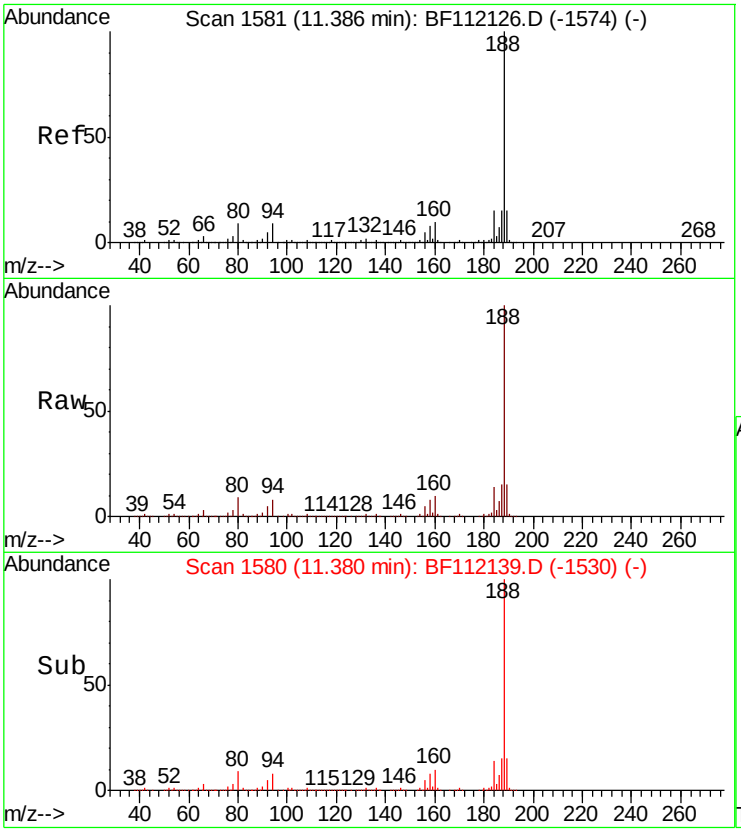


#57
2,4-Dinitrotoluene
Concen: 10.637 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:165 Resp: 59671

Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.9	41.9#
89	2.0	47.9	71.9#
182	0.0	2.2	3.4#



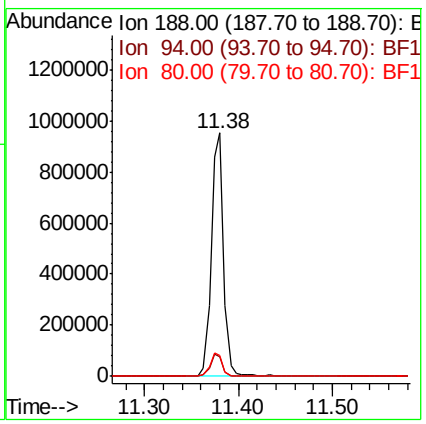


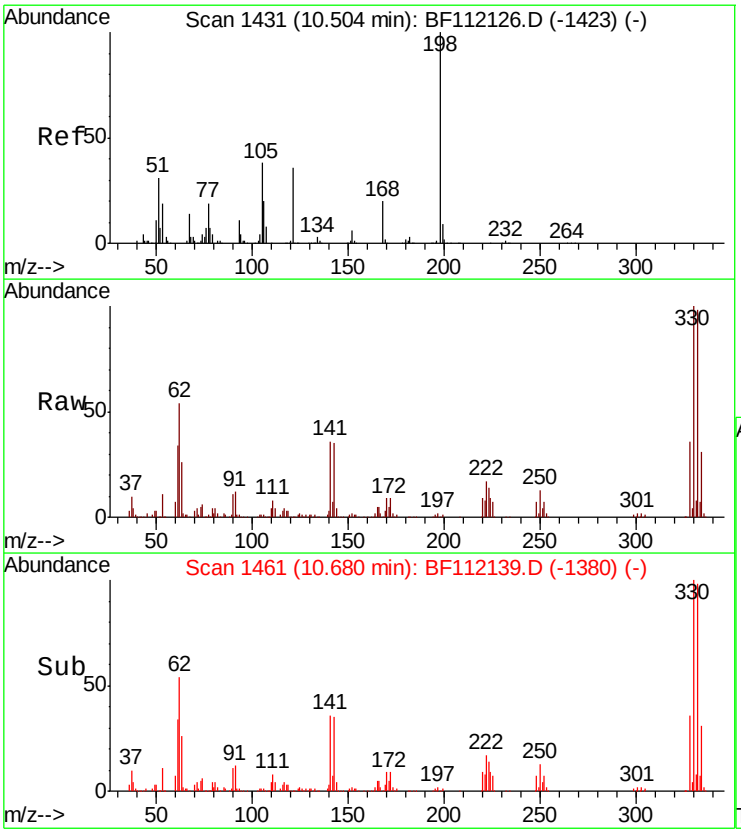
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:188 Resp: 878628

Ion	Ratio	Lower	Upper
188	100		
94	8.2	8.2	12.2
80	8.8	8.9	13.3#

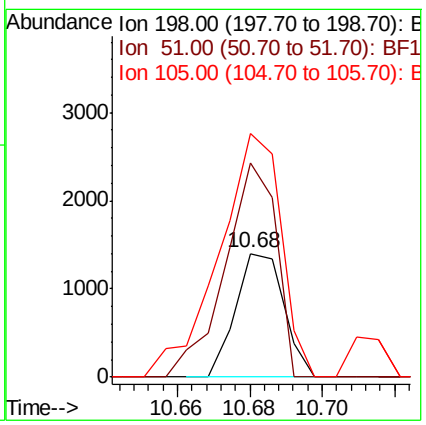


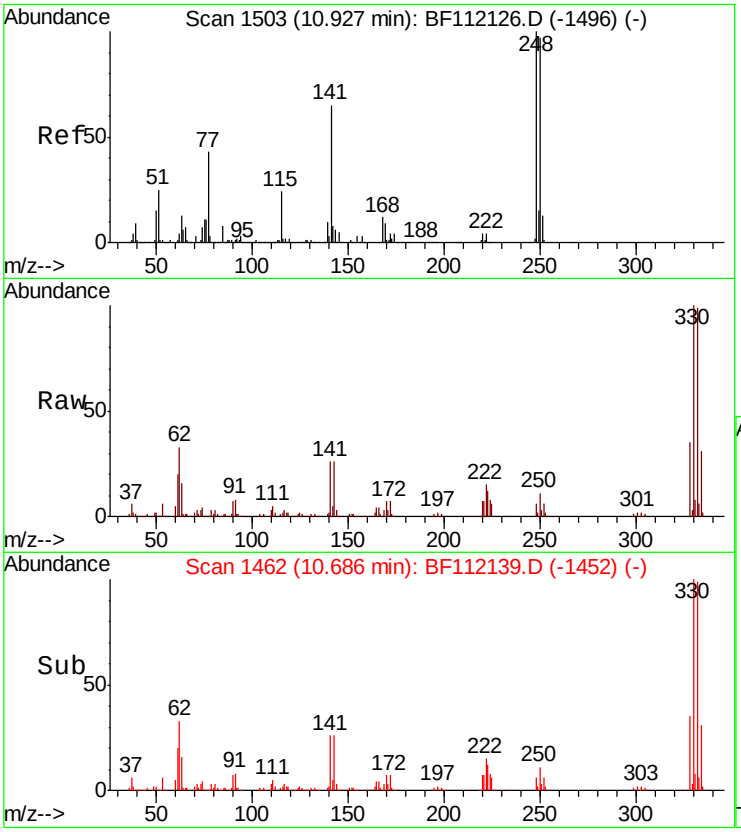


#65
4,6-Dinitro-2-methylphenol
Concen: 10.350 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.18 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:198 Resp: 1298

Ion	Ratio	Lower	Upper
198	100		
51	173.5	17.2	57.2#
105	196.8	21.9	61.9#



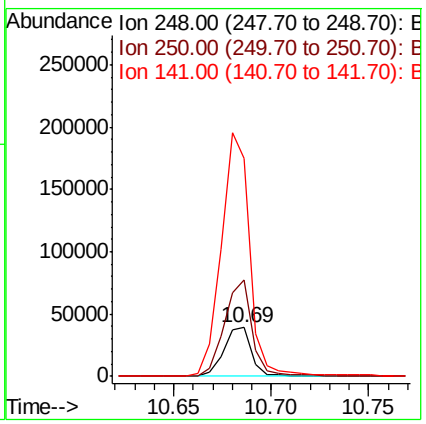


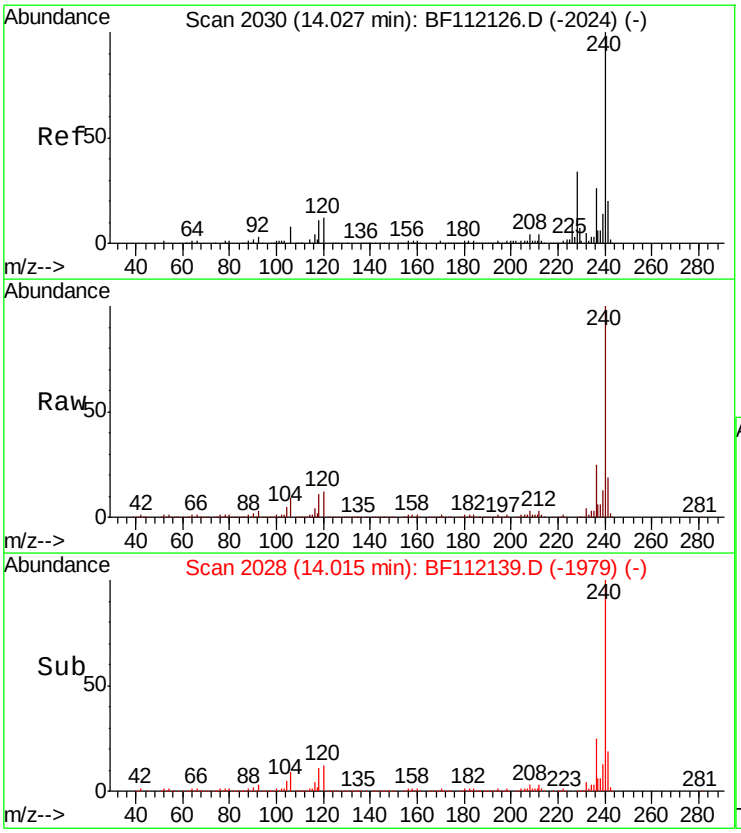
#67
4-Bromophenyl-phenylether
Concen: 3.773 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:248 Resp: 38510

Ion	Ratio	Lower	Upper
248	100		
250	196.9	79.7	119.5#
141	445.4	60.3	90.5#

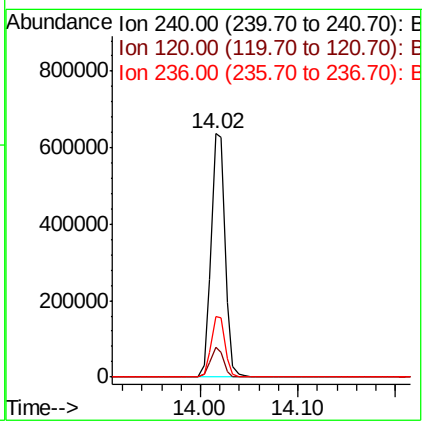


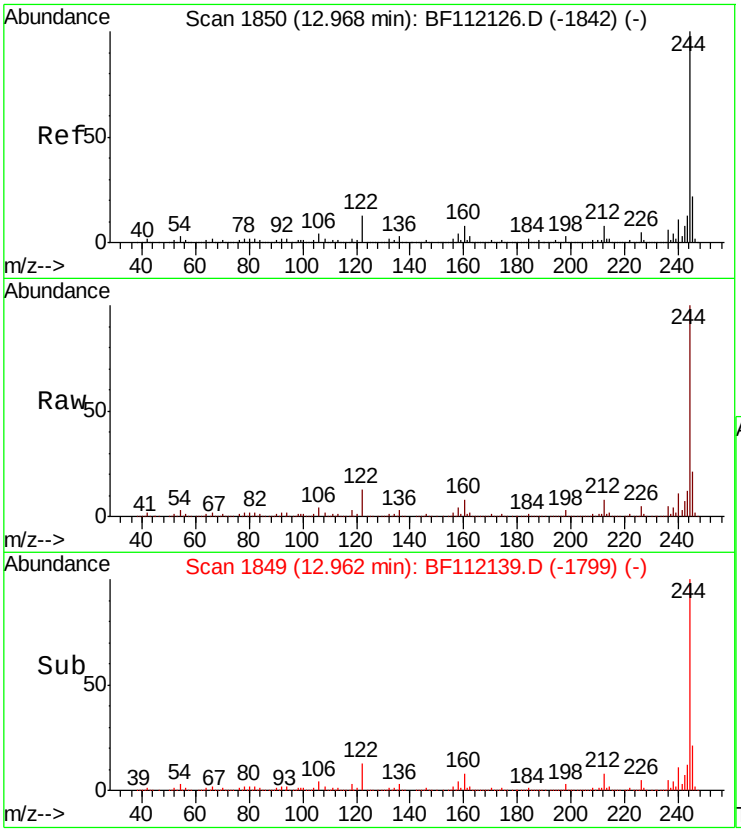


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:240 Resp: 636369

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.0	13.6
236	24.8	20.7	31.1



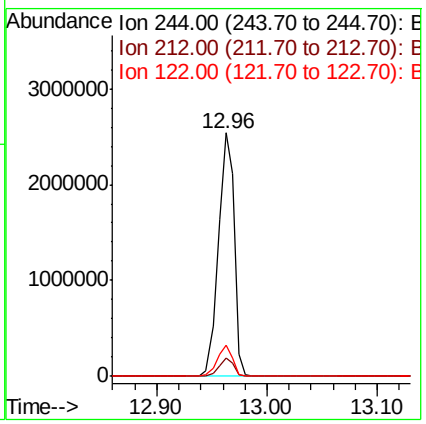


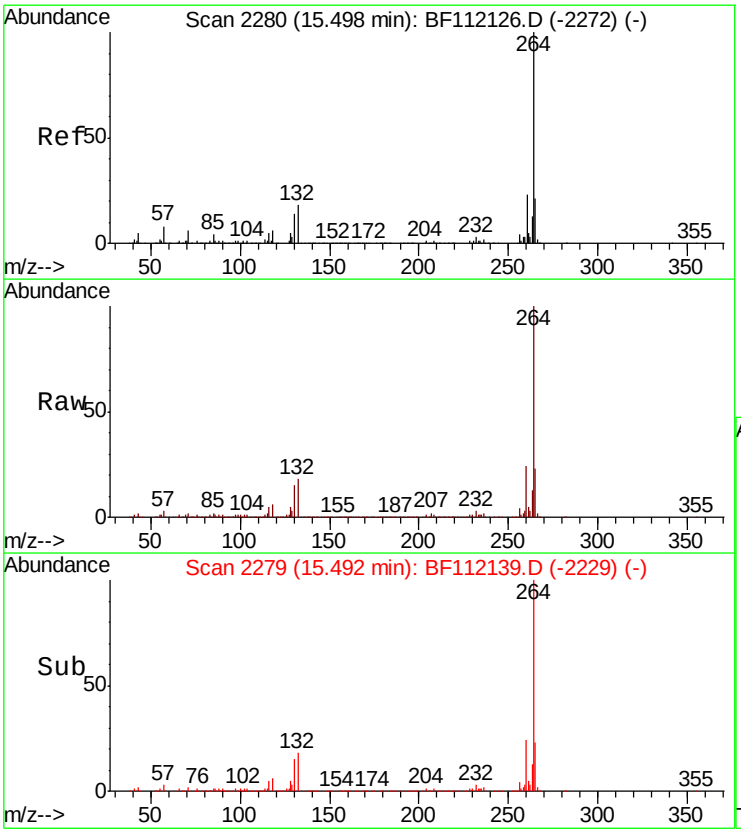
#79
Terphenyl-d14
Concen: 84.874 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Instrument :
BNA_F
ClientSampleId :
RBR-200052

Tgt Ion:244 Resp: 2538851

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.9	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF112139.D
Acq: 18 Jan 2019 21:57

Tgt Ion:264 Resp: 622272

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.2
265	22.6	17.0	25.4