Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112140.D
Acq On : 18 Jan 2019 22:24
Operator : JU/SJ
Sample : K1173-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200050

Quant Time: Jan 18 23:39:58 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	262333	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1006322	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	484653	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	895703	20.00	ng	0.00
76) Chrysene-d12	14.02	240	622470	20.00	ng	-0.01
87) Perylene-d12	15.49	264	633453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1601402	110.80	ng	0.01
7) Phenol-d6	6.50	99	1777338	98.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	1439892	98.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	711341	136.05	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2718854	82.25	ng	0.00
79) Terphenyl-d14	12.96	244	2732179	93.38	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2989	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	196048	17.796	ng	# 77
25) Isophorone	7.42	82	1421666	50.532	ng	# 64
32) Benzoic acid	8.14	122	234	7.211	ng	# 1
51) 2,6-Dinitrotoluene	9.89	165	62517	8.857	ng	# 34
56) 4-Nitrophenol	10.10	139	106	5.672	ng	# 12
57) 2,4-Dinitrotoluene	9.89	165	62517	10.823	ng	# 32
65) 4,6-Dinitro-2-methylphenol	10.69	198	1320	10.349	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	43198	4.152	ng	# 1

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

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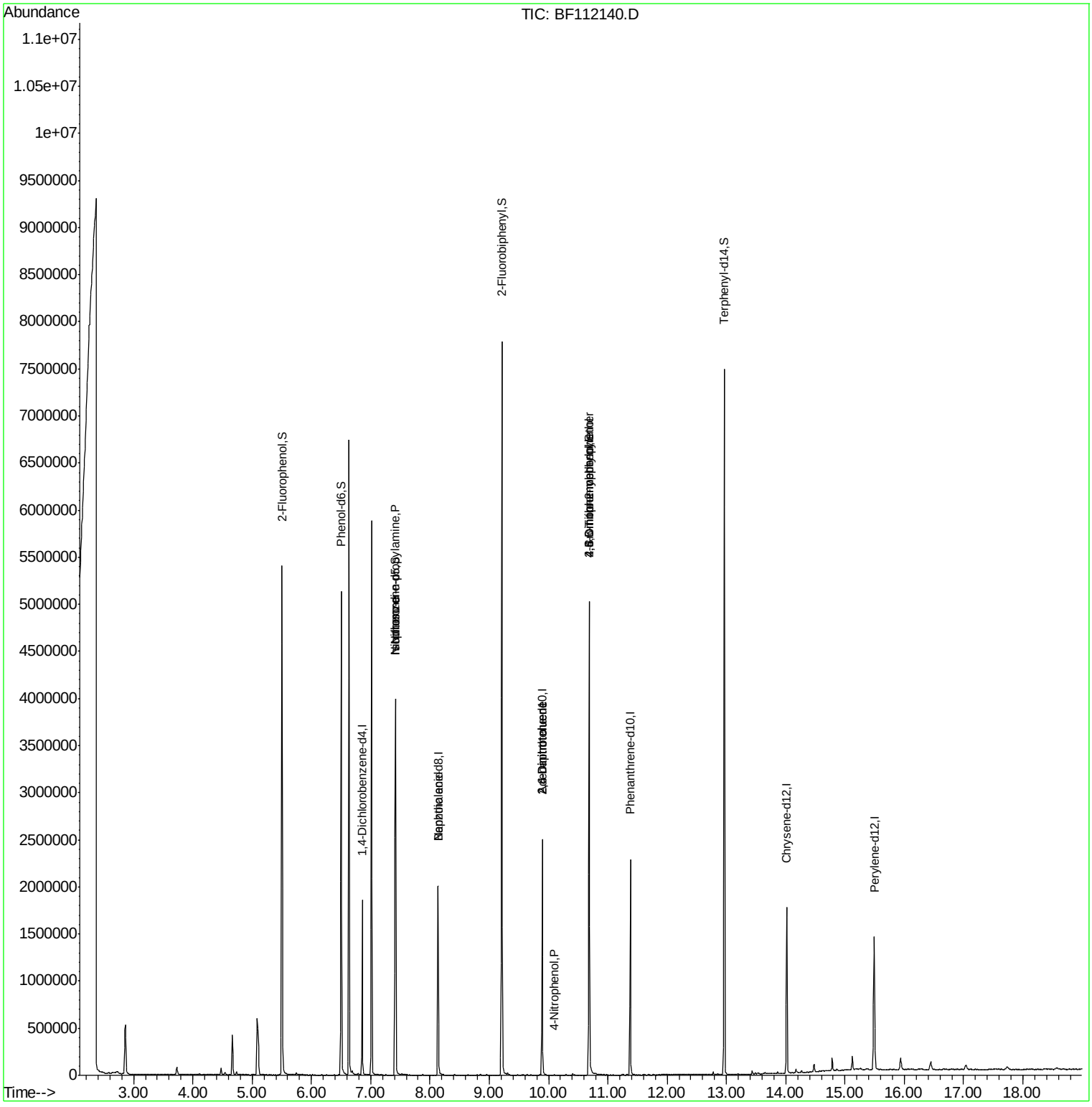
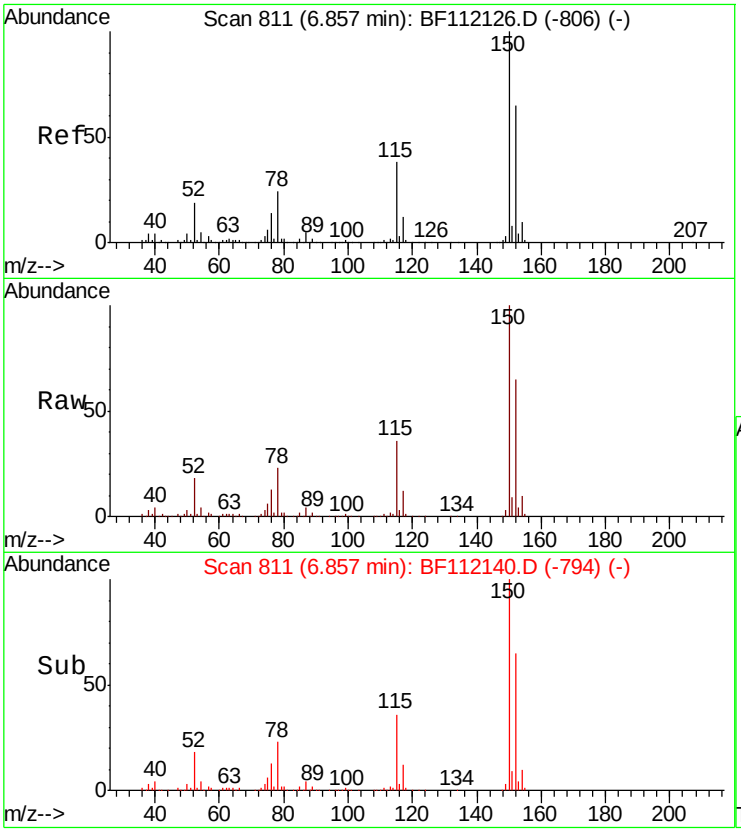


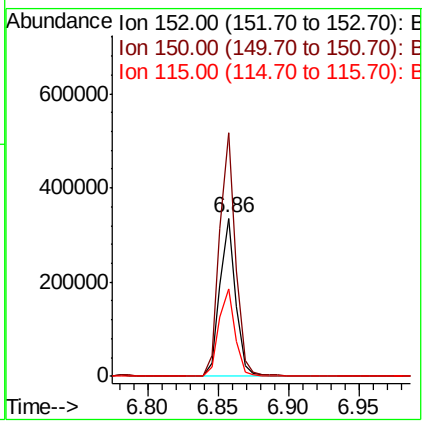


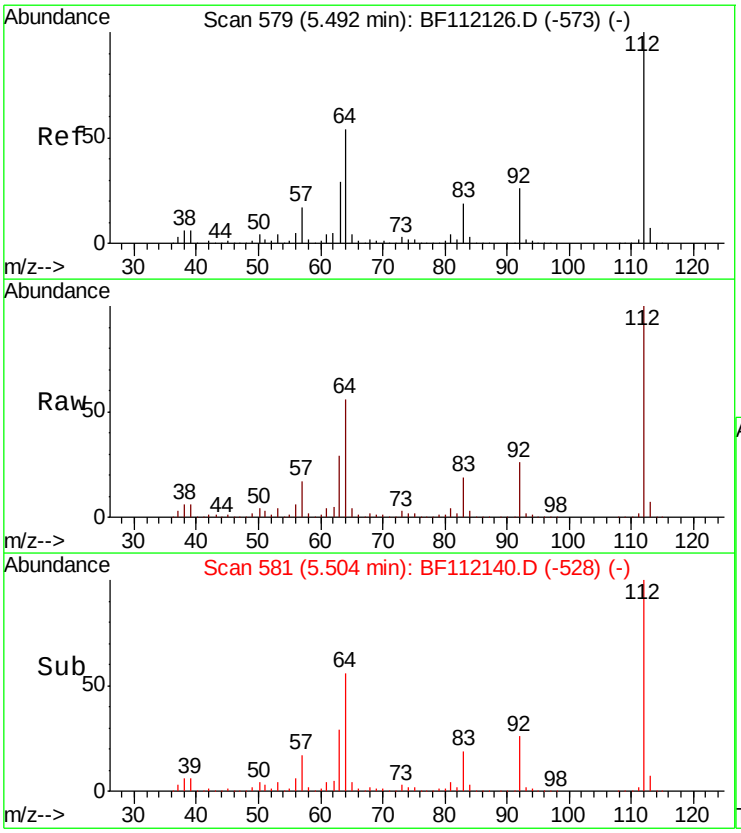
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:152 Resp: 262333

Ion	Ratio	Lower	Upper
152	100		
150	154.2	127.4	191.0
115	55.5	45.5	68.3

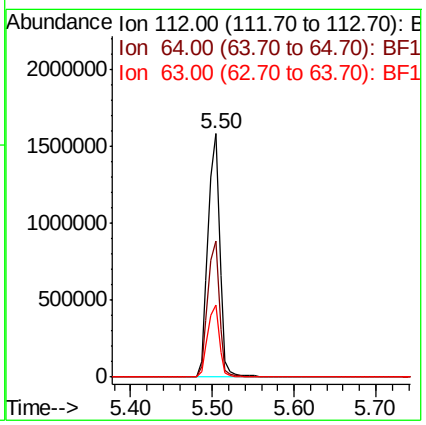


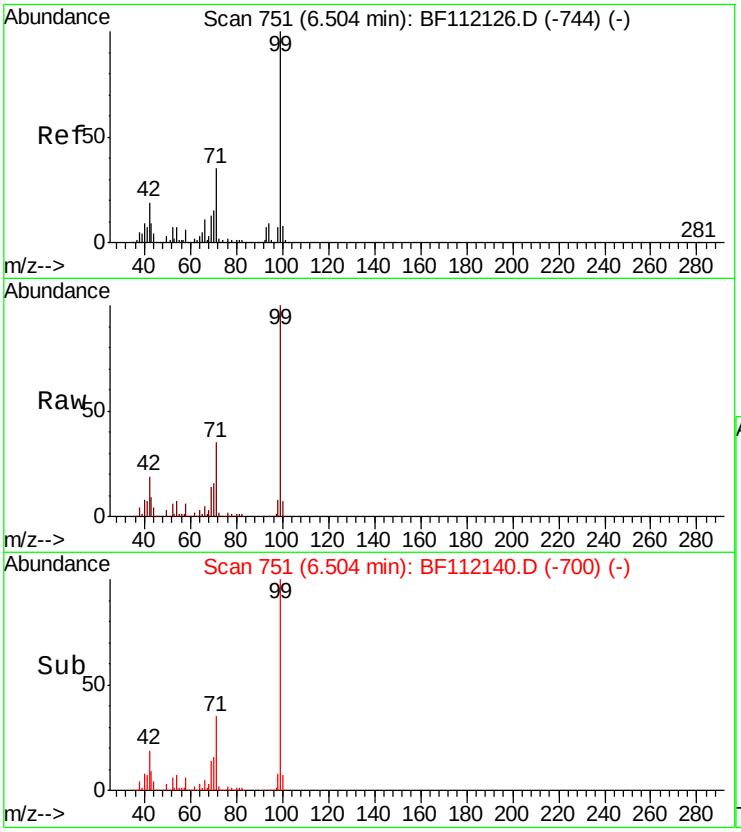


#5
2-Fluorophenol
Concen: 110.798 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:112 Resp: 1601402

Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.7	68.5
63	29.4	23.6	35.4



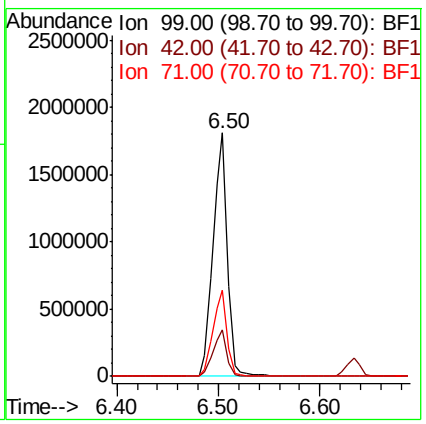


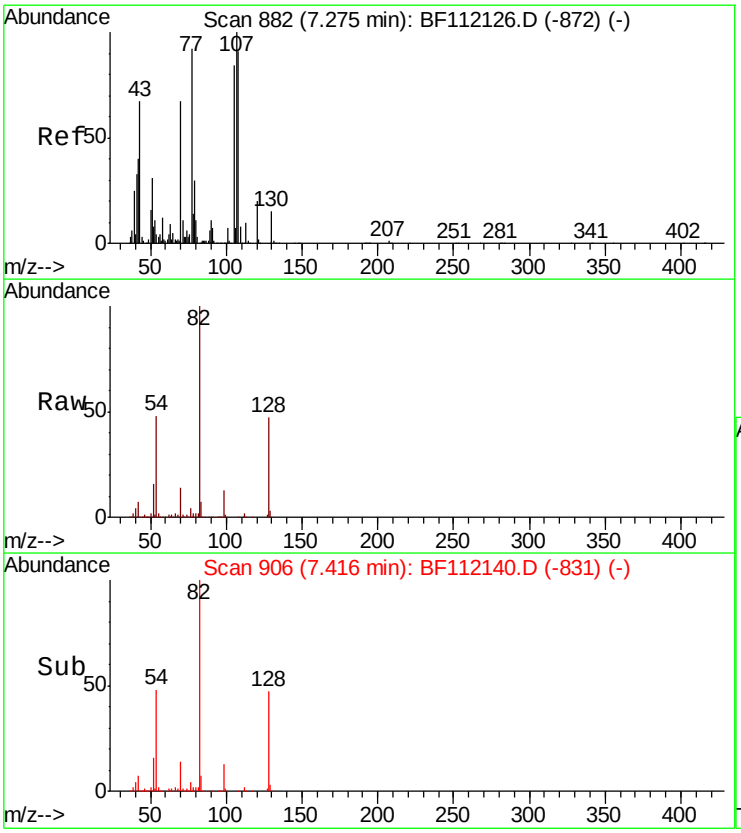
#7
Phenol-d6
Concen: 98.286 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion: 99 Resp: 1777338

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	35.4	26.9	40.3

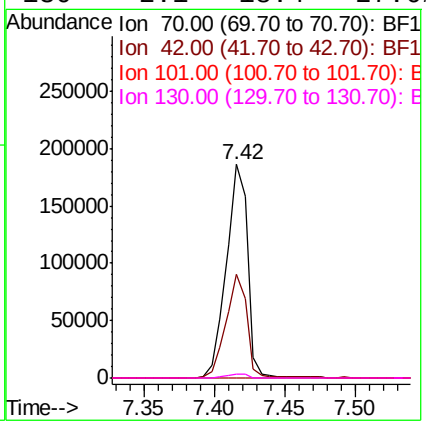


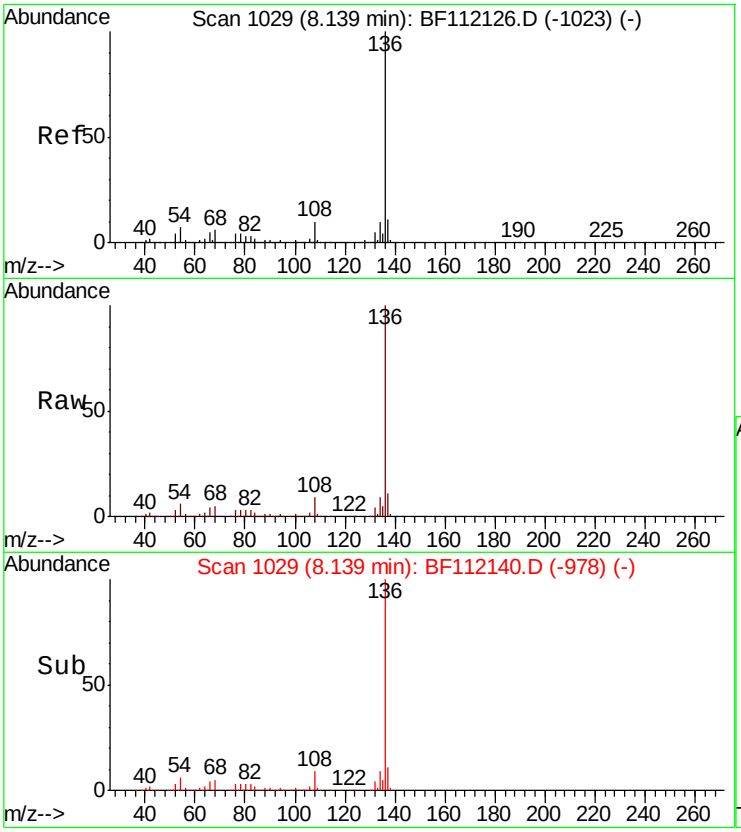


#19
n-Nitroso-di-n-propylamine
Concen: 17.796 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion: 70 Resp: 196048

Ion	Ratio	Lower	Upper
70	100		
42	48.8	47.6	71.4
101	0.0	7.9	11.9#
130	2.1	18.4	27.6#



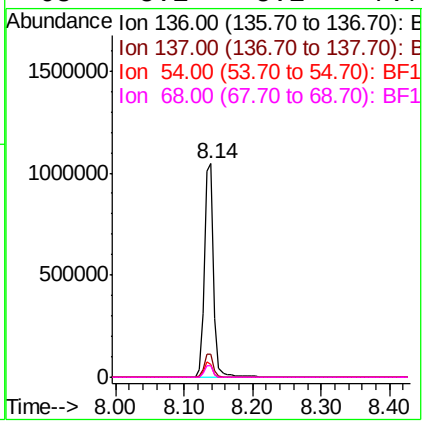


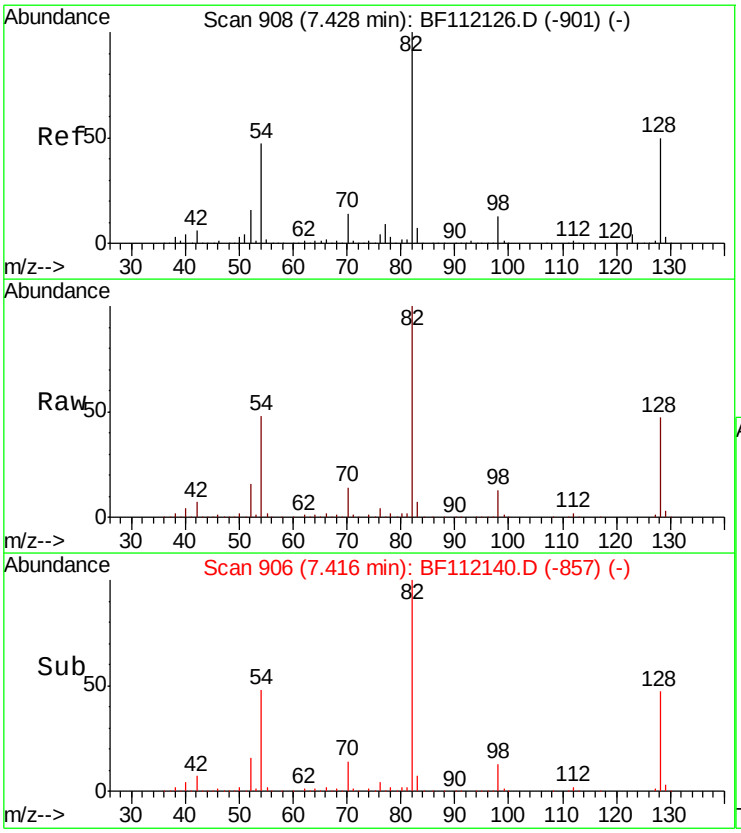
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:136 Resp: 1006322

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.2	5.9	8.9
68	5.1	5.1	7.7

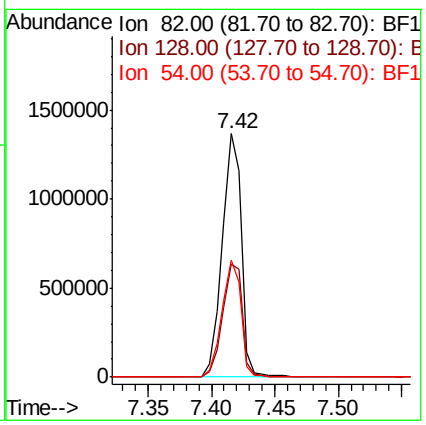


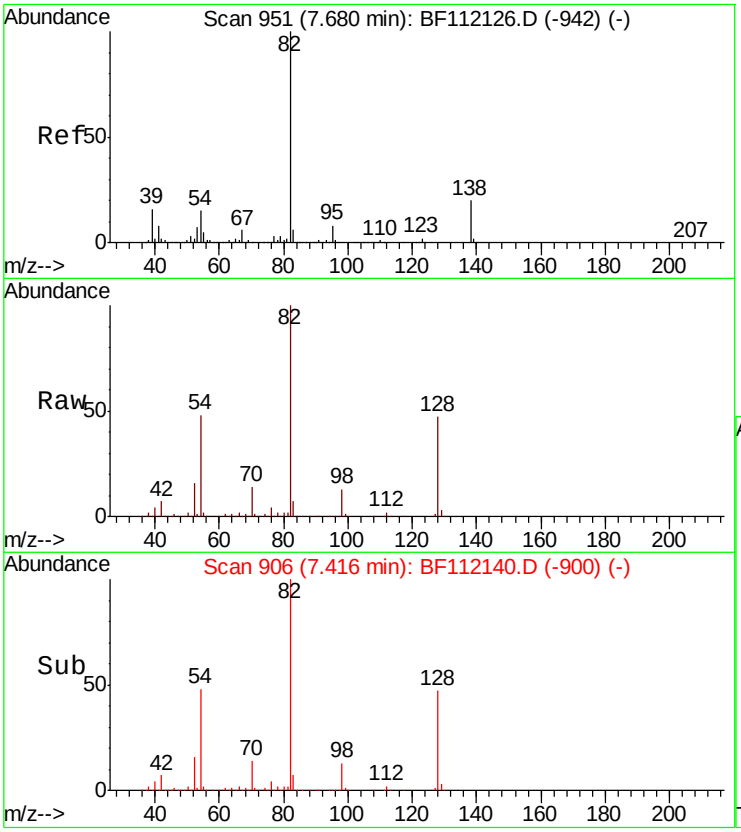


#23
Nitrobenzene-d5
Concen: 98.856 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion: 82 Resp: 1439892

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	48.2	39.7	59.5



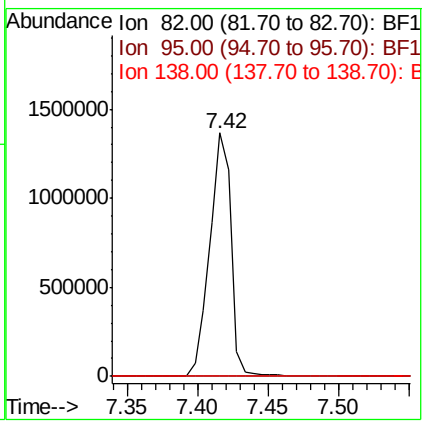


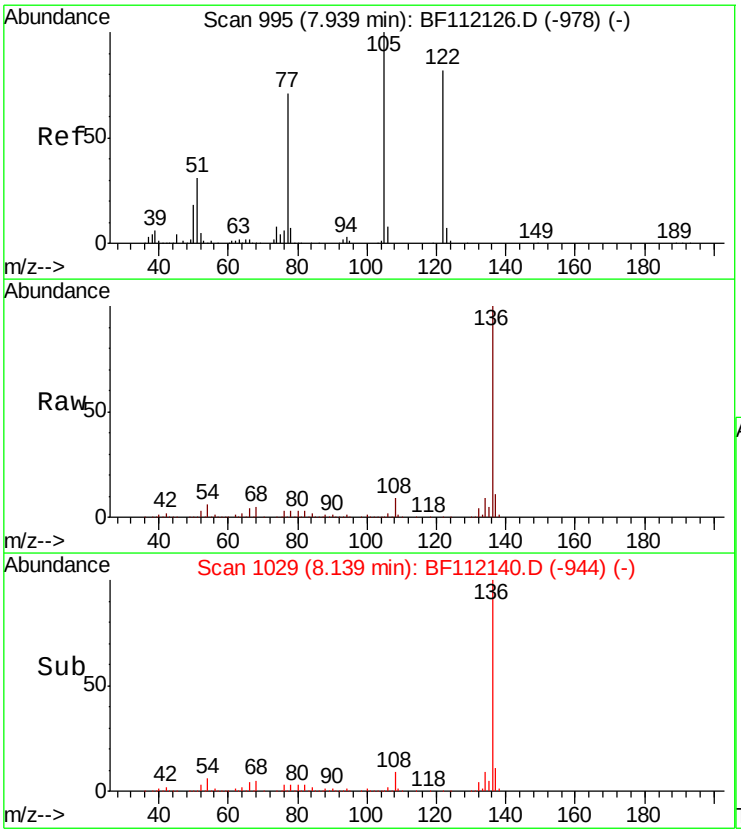
#25
Isophorone
Concen: 50.532 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion: 82 Resp: 1421666

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

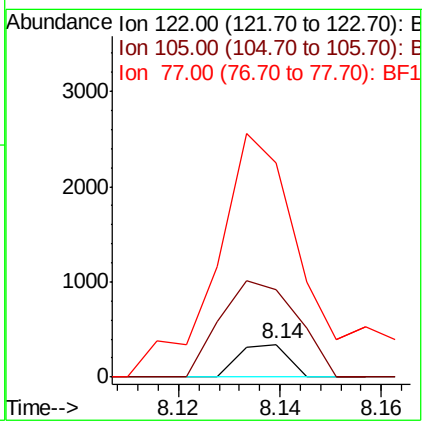


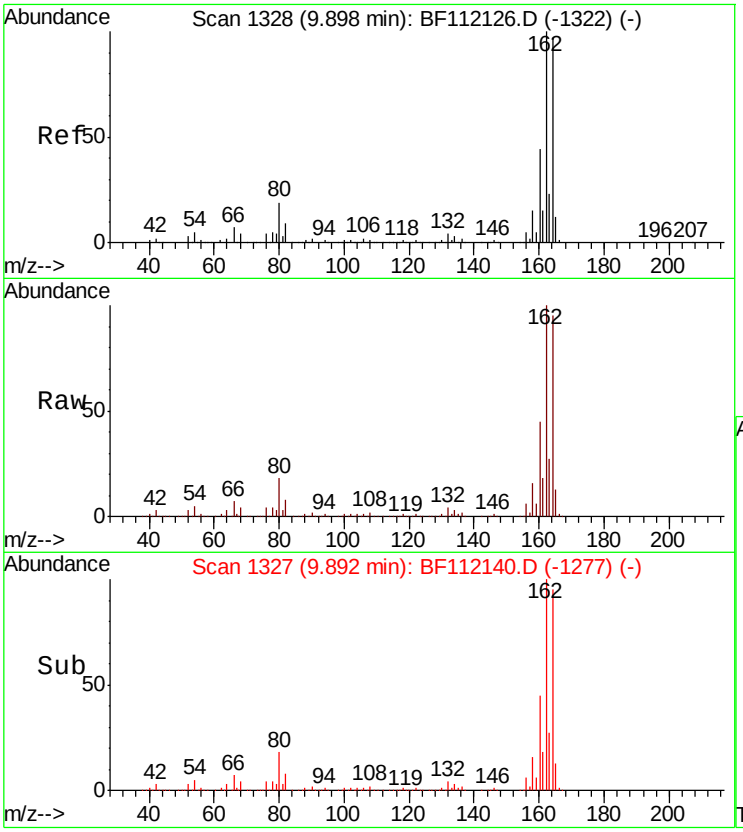


#32
Benzoic acid
Concen: 7.211 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.20 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:122 Resp: 234

Ion	Ratio	Lower	Upper
122	100		
105	267.7	101.2	141.2#
77	653.2	70.4	110.4#



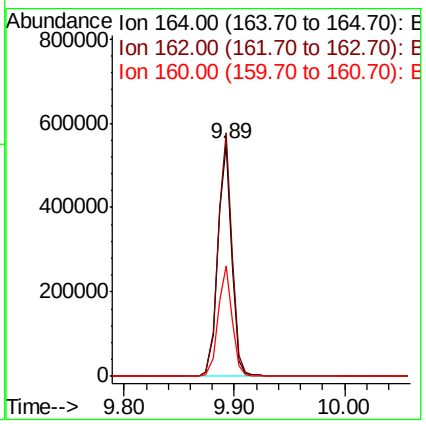


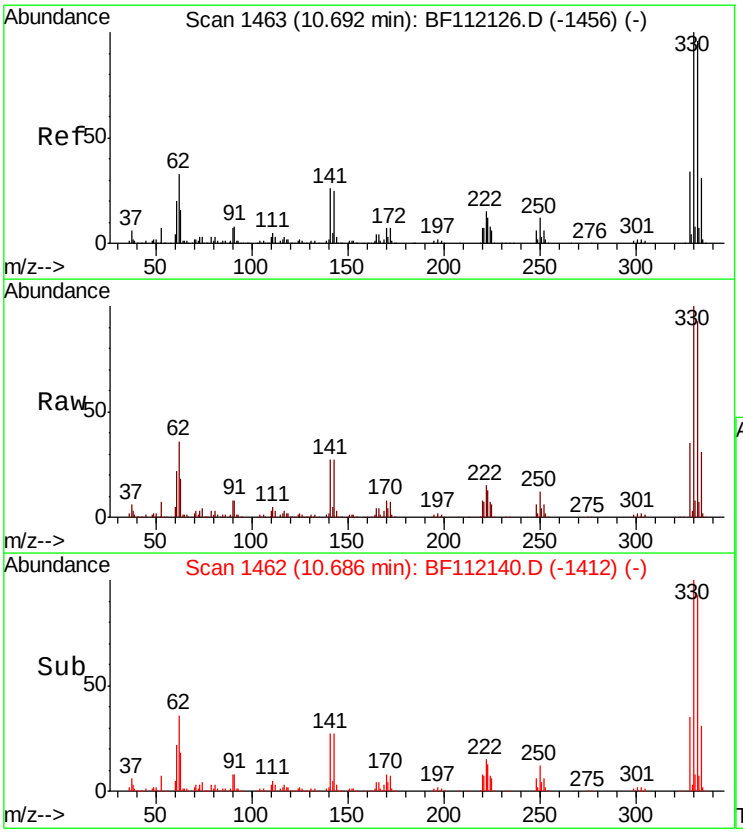
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:164 Resp: 484653

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.4
160	47.5	36.2	54.4

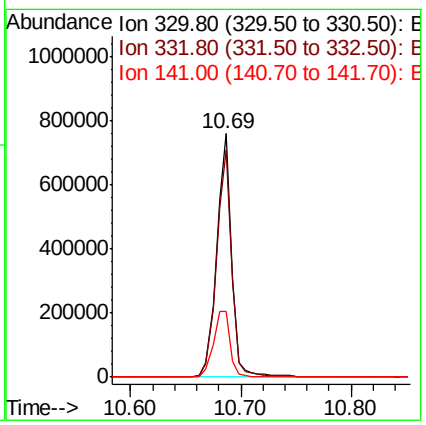


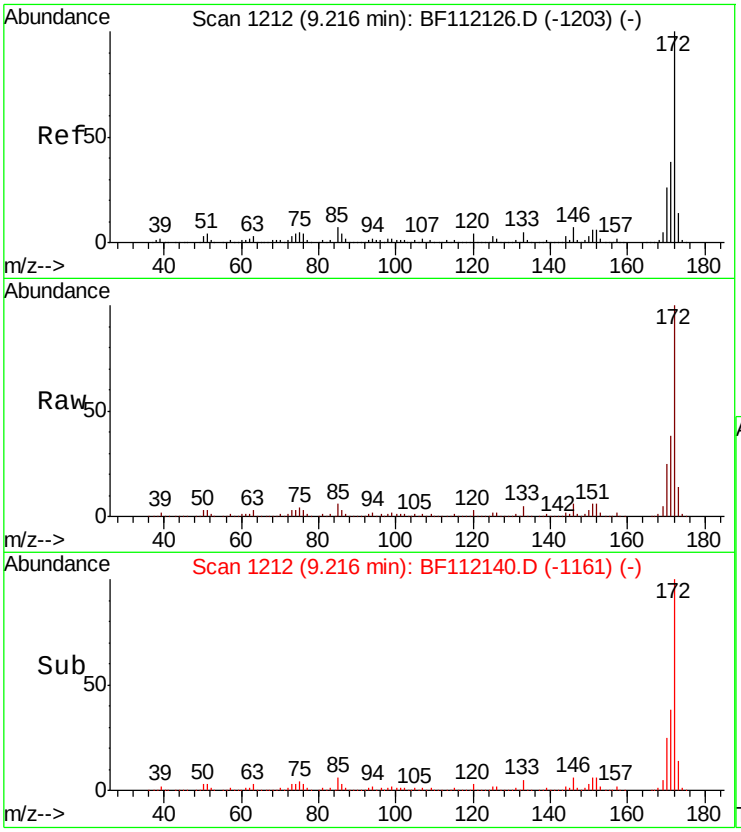


#42
2,4,6-Tribromophenol
Concen: 136.055 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:330 Resp: 711341

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	31.0	24.3	36.5



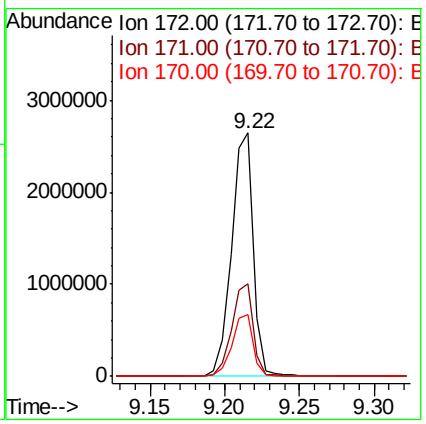


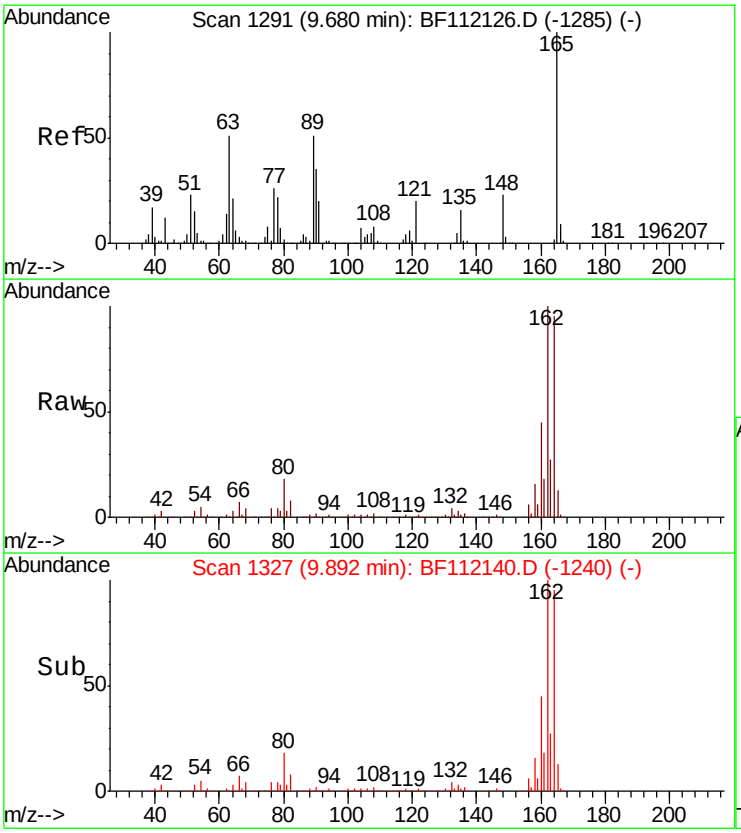
#45
2-Fluorobiphenyl
Concen: 82.247 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:172 Resp: 2718854

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.4	20.2	30.4

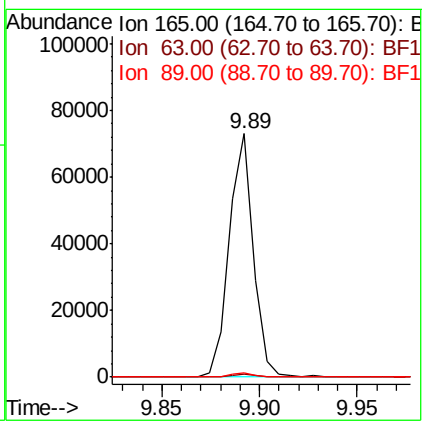


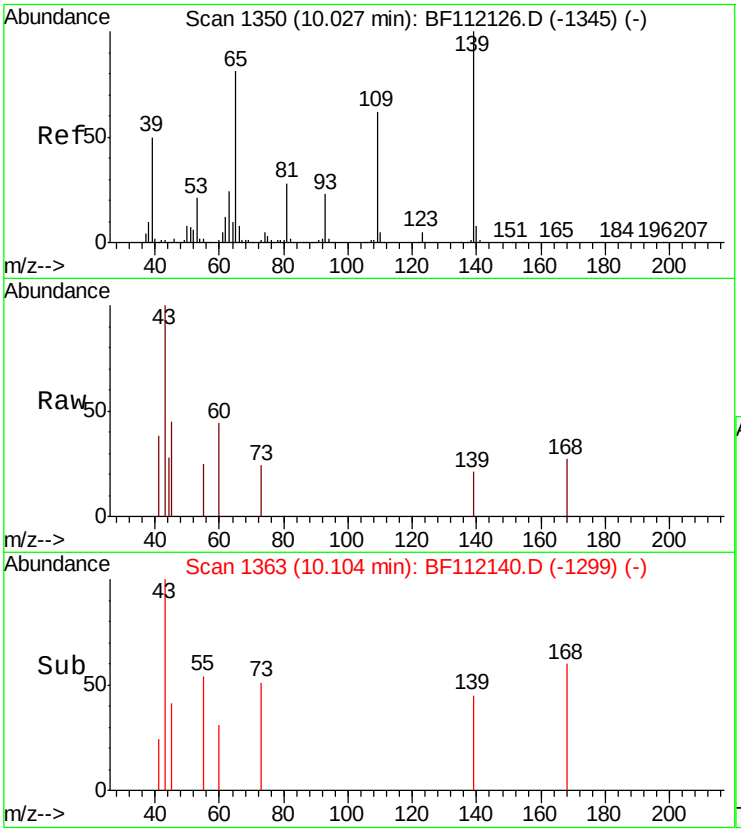


#51
2,6-Dinitrotoluene
Concen: 8.857 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:165 Resp: 62517

Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.8	50.8#
89	1.6	36.9	55.3#



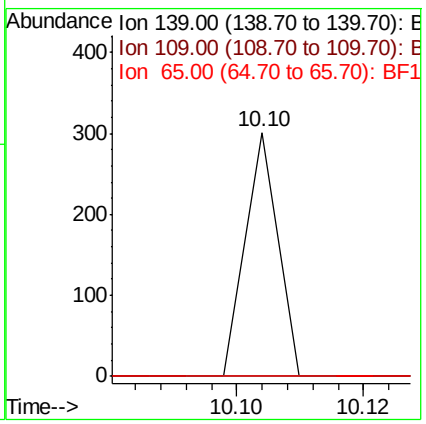


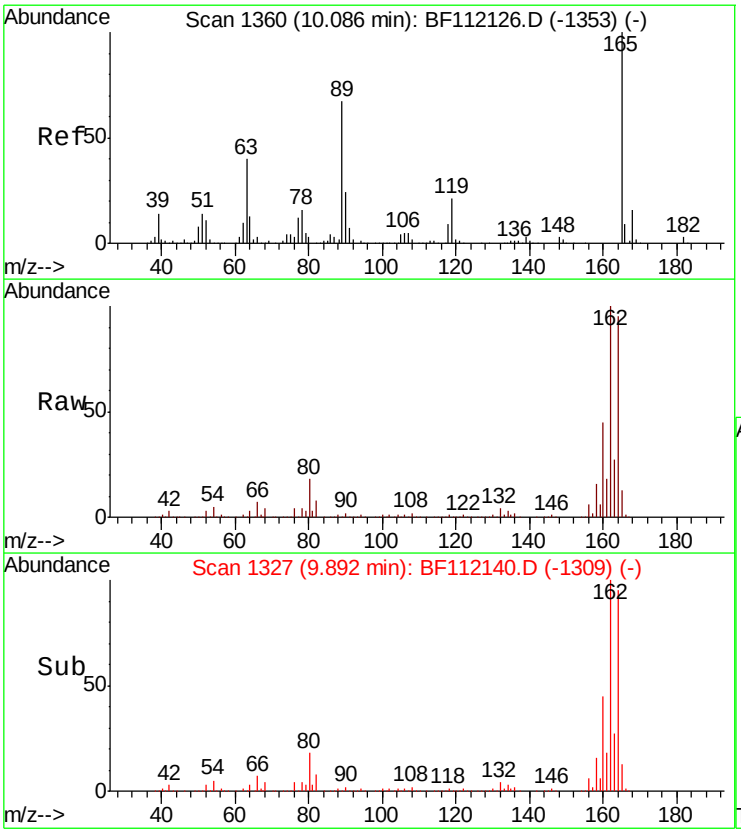
#56
4-Nitrophenol
Concen: 5.672 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:139 Resp: 106

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

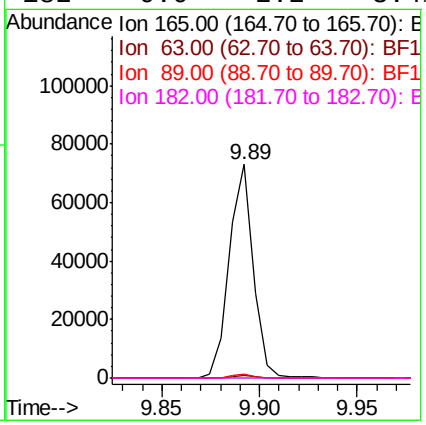


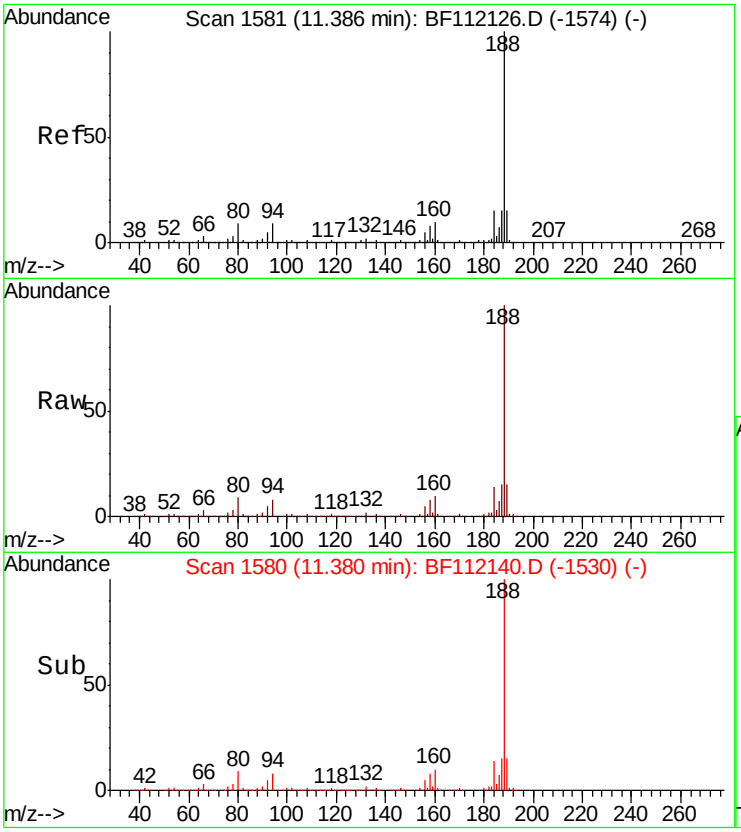


#57
2,4-Dinitrotoluene
Concen: 10.823 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:165 Resp: 62517

Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.9	41.9#
89	1.6	47.9	71.9#
182	0.0	2.2	3.4#



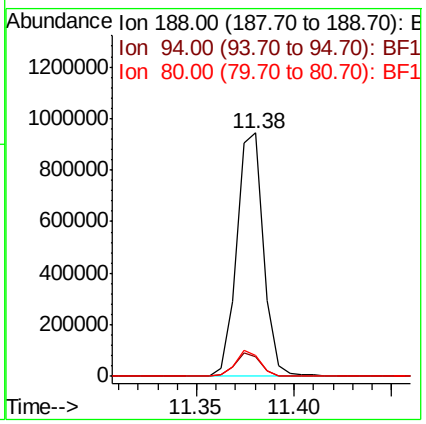


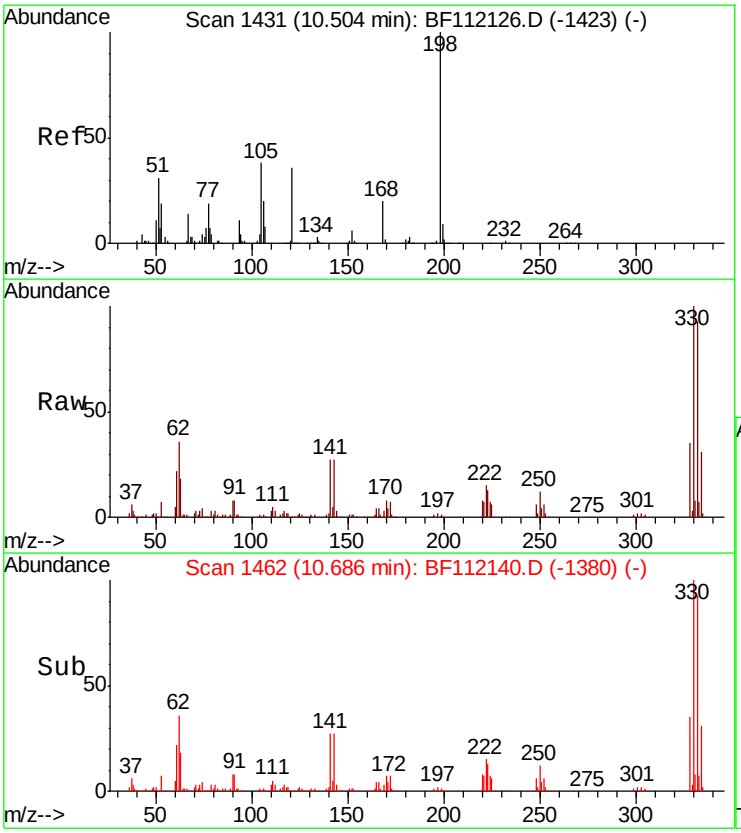
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:188 Resp: 895703

Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.6	8.9	13.3#

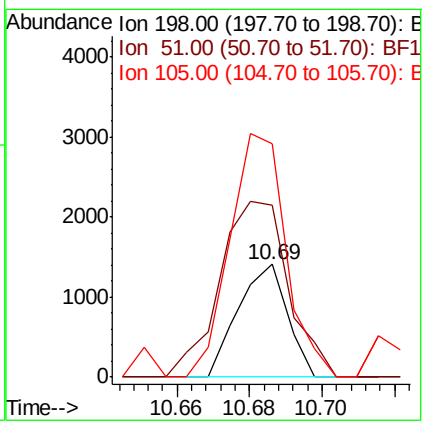


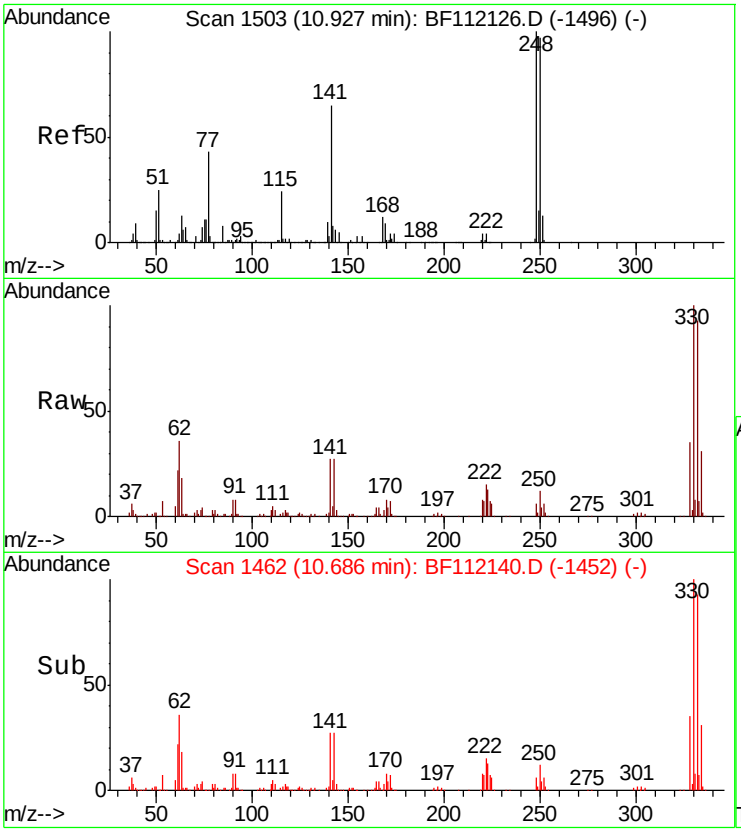


#65
4,6-Dinitro-2-methylphenol
Concen: 10.349 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.18 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:198 Resp: 1320

Ion	Ratio	Lower	Upper
198	100		
51	153.3	17.2	57.2#
105	207.5	21.9	61.9#



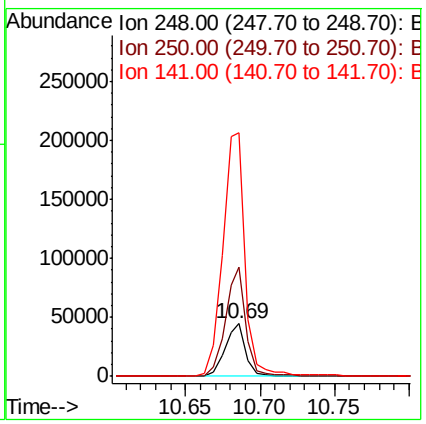


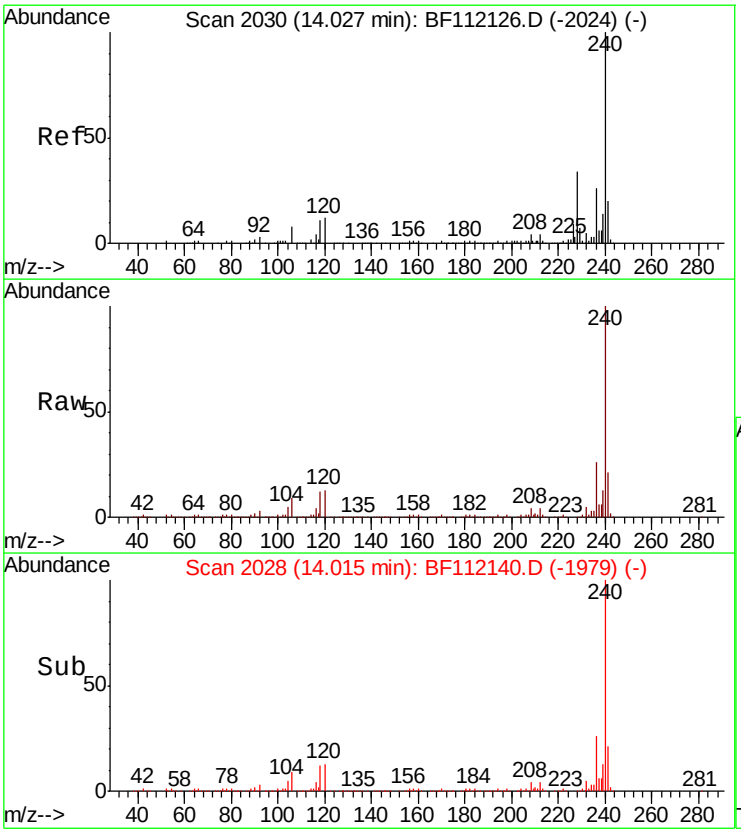
#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.24 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:248 Resp: 43198

Ion	Ratio	Lower	Upper
248	100		
250	206.4	79.7	119.5#
141	461.4	60.3	90.5#

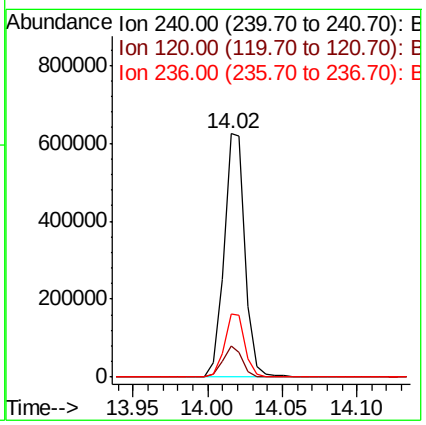


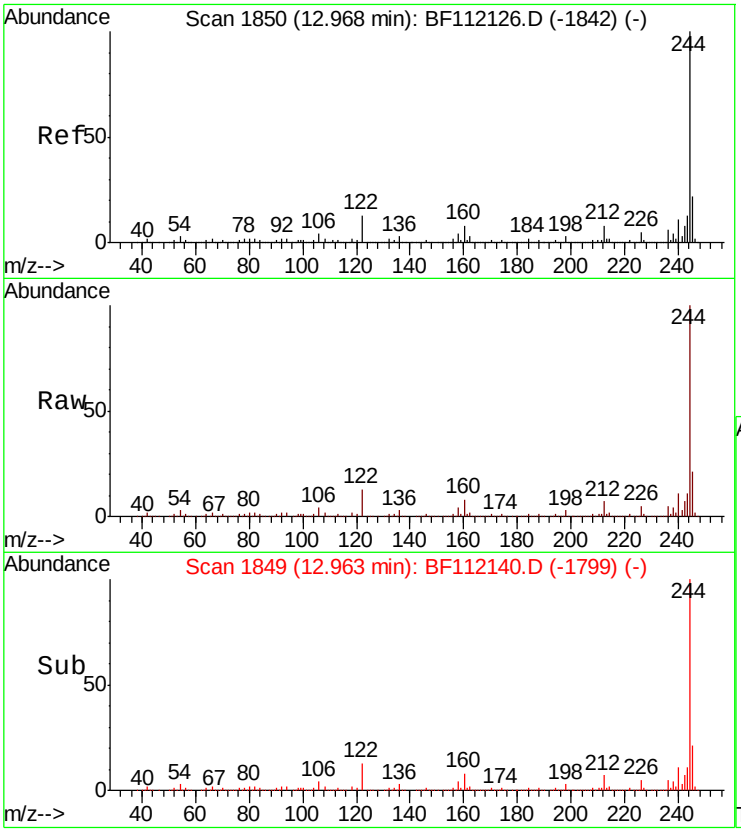


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:240 Resp: 622470

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.0	13.6
236	26.1	20.7	31.1



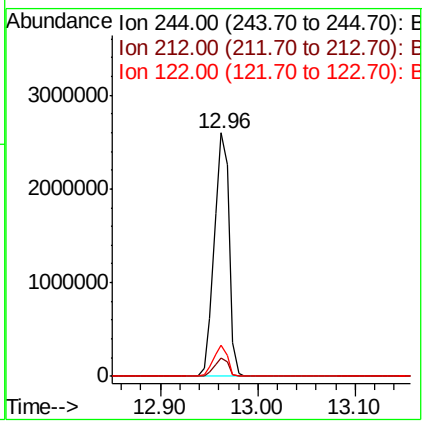


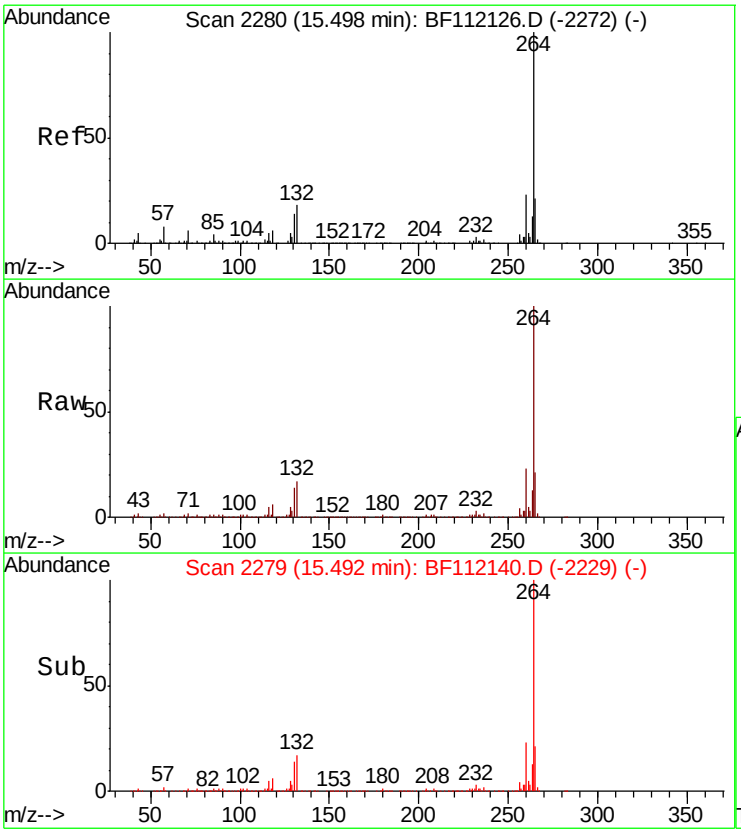
#79
Terphenyl-d14
Concen: 93.376 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF112140.D
Acq: 18 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
RBR-200050

Tgt Ion:244 Resp: 2732179

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	13.0	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: BF112140.D
Acq: 18 Jan 2019 22:24

Tgt Ion:264 Resp: 633453

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	21.3	17.0	25.4