Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112467.D
Acq On : 8 Feb 2019 18:42
Operator : JU/SJ
Sample : K1411-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EIGI-RO-294

Quant Time: Feb 09 04:58:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	129944	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	493624	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	232988	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	400735	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	267765	20.00	ng	0.00
87) Perylene-d12	15.47	264	279343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	887088	145.00	ng	0.00
7) Phenol-d6	6.49	99	995152	117.06	ng	0.00
23) Nitrobenzene-d5	7.40	82	771121	90.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	266963	98.44	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1500726	91.10	ng	-0.01
79) Terphenyl-d14	12.94	244	1327813	93.40	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	6.99	79	21296	2.972	ng	# 55
19) n-Nitroso-di-n-propylamine	7.40	70	106927	18.242	ng	# 74
25) Isophorone	7.40	82	771110	57.376	ng	# 64
31) Naphthalene	8.13	128	55501	2.404	ng	98
51) 2,6-Dinitrotoluene	9.87	165	28975	7.147	ng	# 35
57) 2,4-Dinitrotoluene	9.87	165	28975	5.614	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	15531	3.295	ng	# 1
77) Benzidine	12.94	184	18190	2.468	ng	# 93

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

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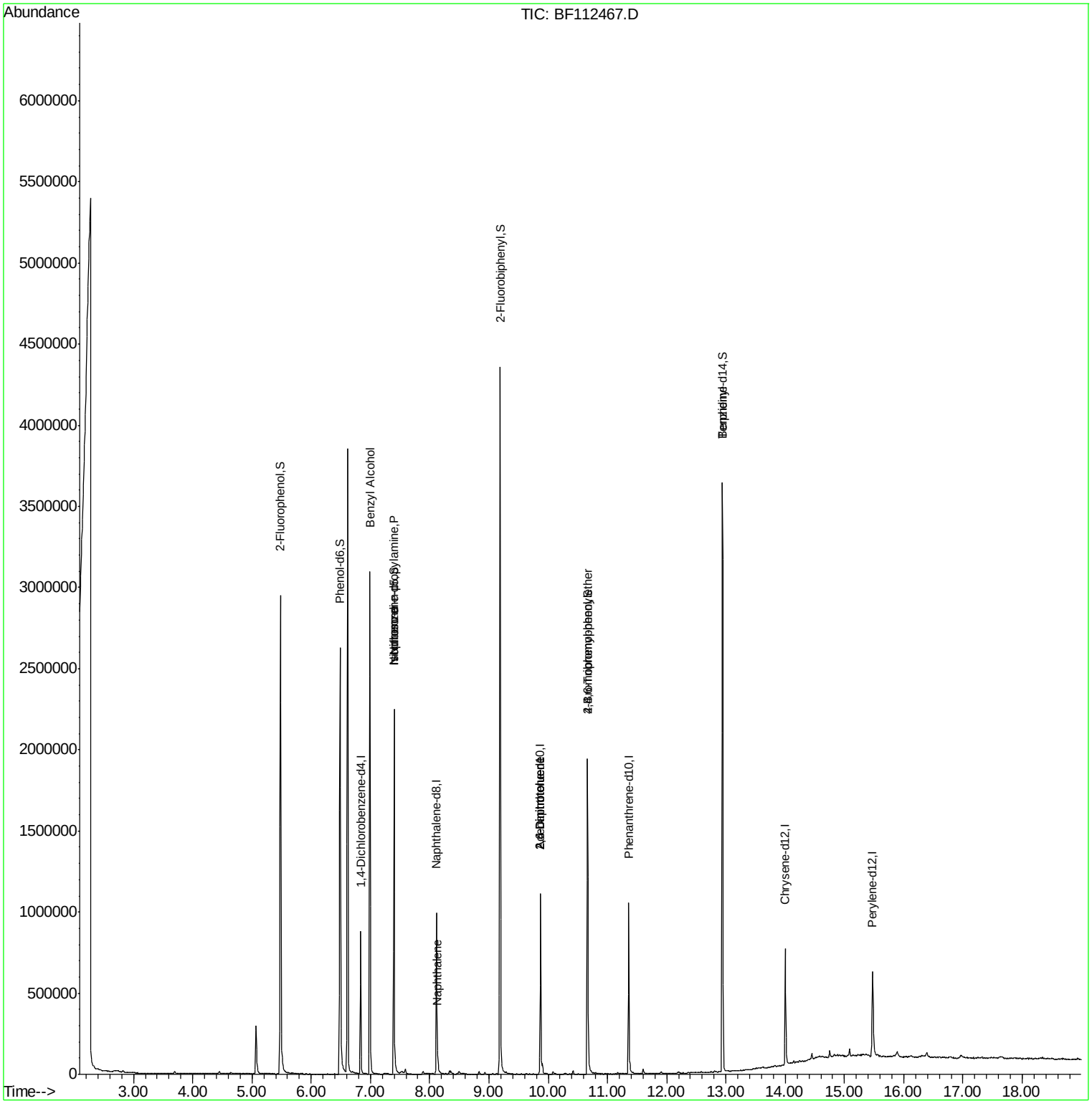
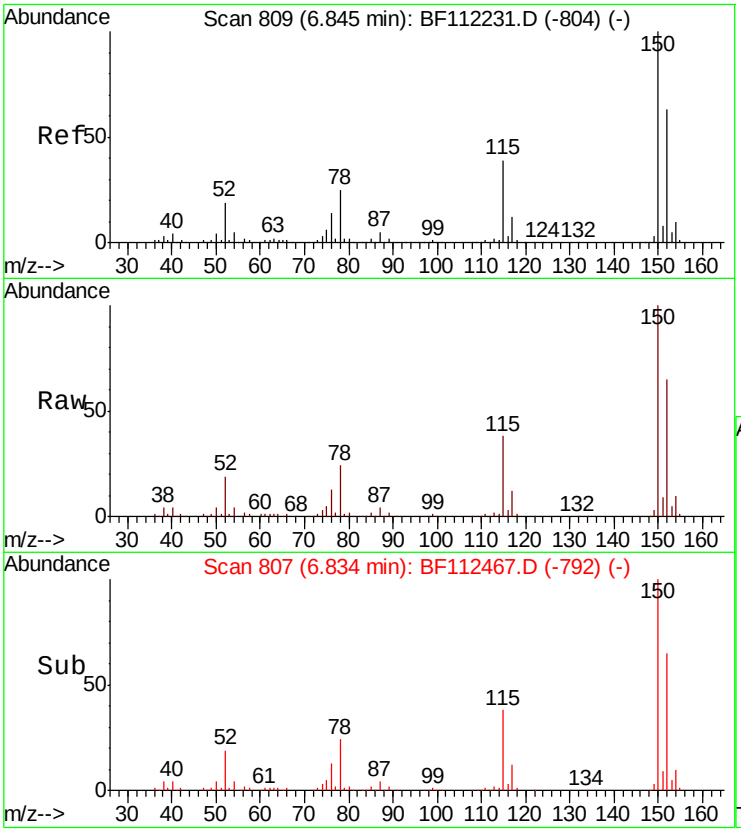


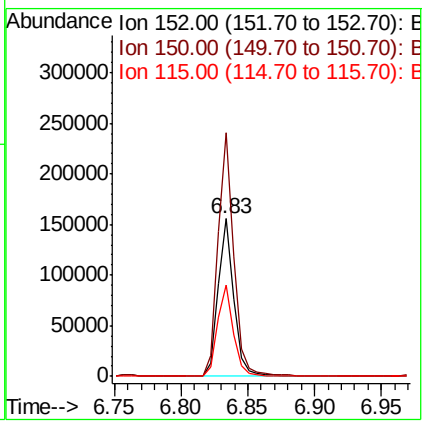


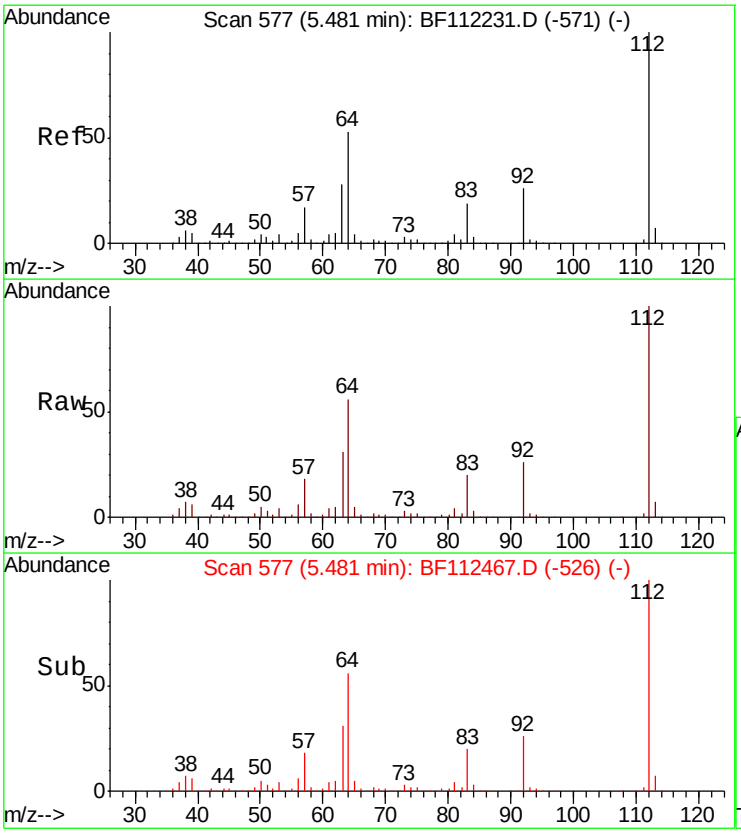
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion:152 Resp: 129944

Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.4	191.0
115	58.2	45.5	68.3

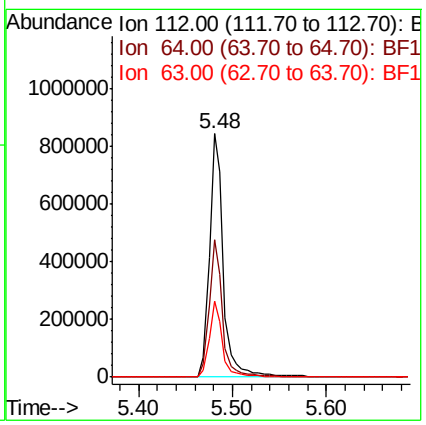


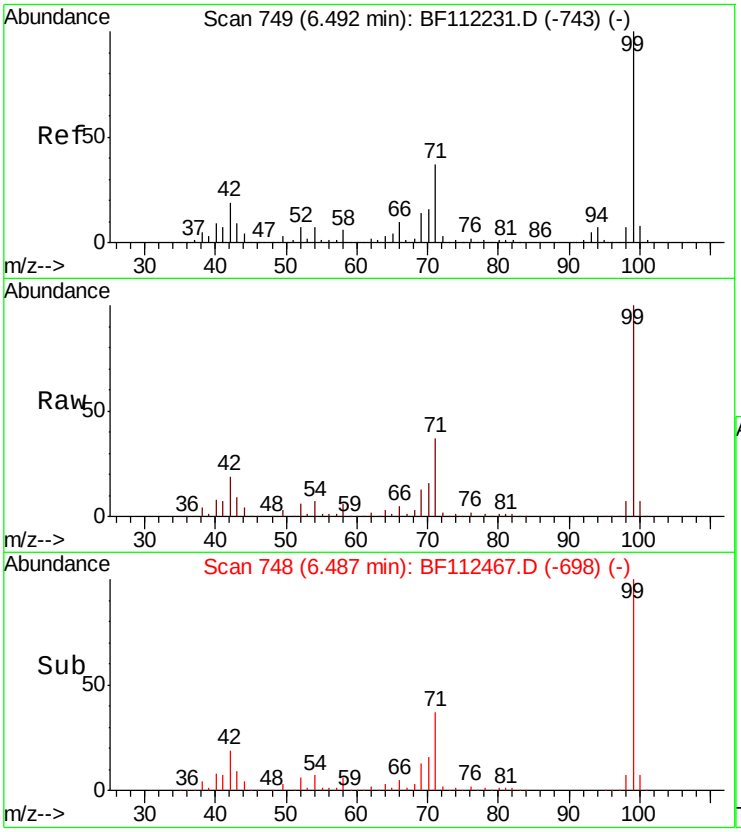


#5
2-Fluorophenol
Concen: 145.003 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:112 Resp: 887088

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.7	68.5
63	31.2	23.6	35.4



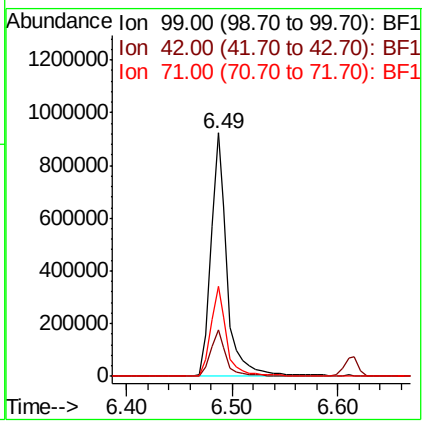


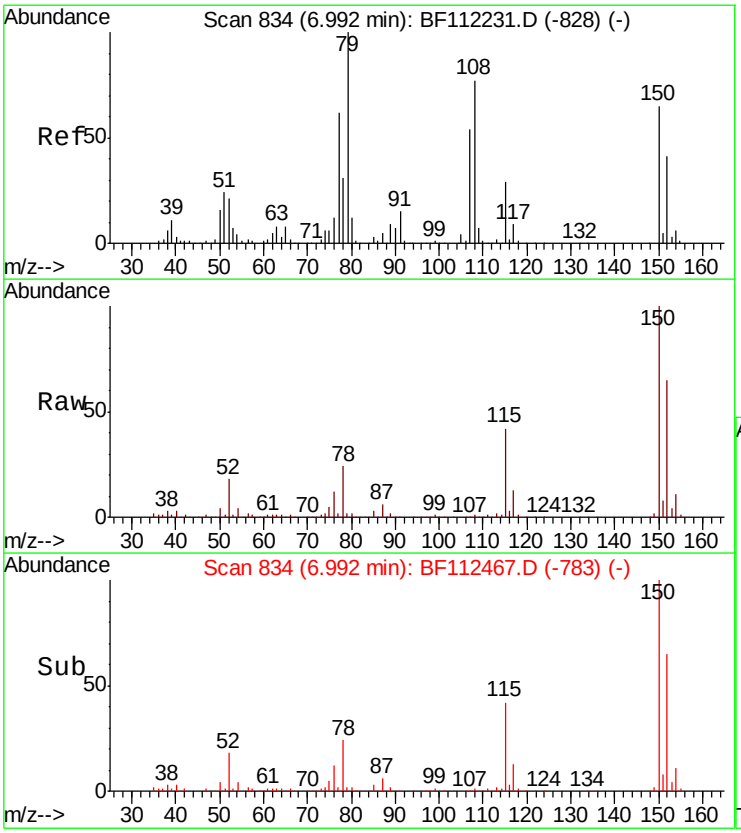
#7
Phenol-d6
Concen: 117.065 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion: 99 Resp: 995152

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	37.0	26.9	40.3

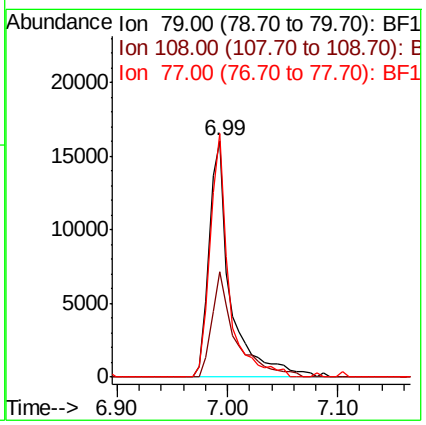


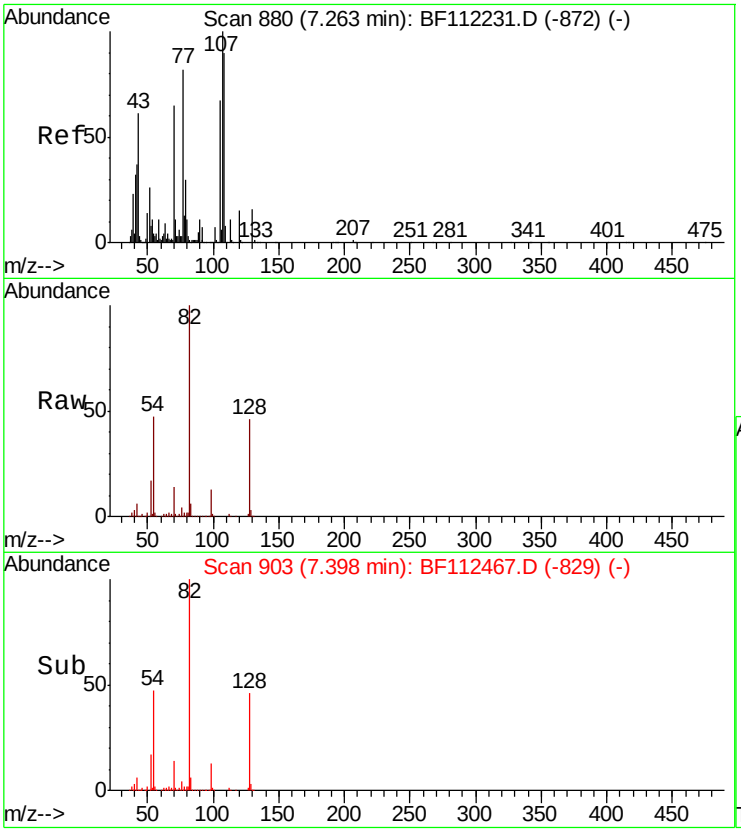


#15
Benzyl Alcohol
Concen: 2.972 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion: 79 Resp: 21296

Ion	Ratio	Lower	Upper
79	100		
108	44.4	64.2	96.2#
77	103.0	50.3	75.5#



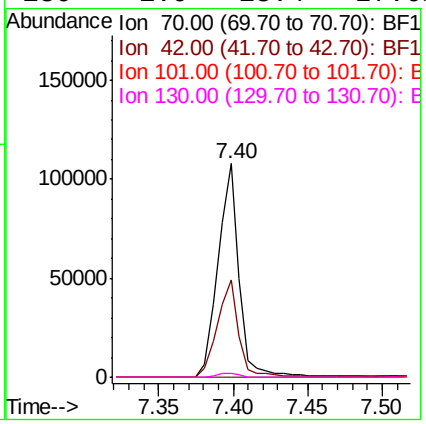


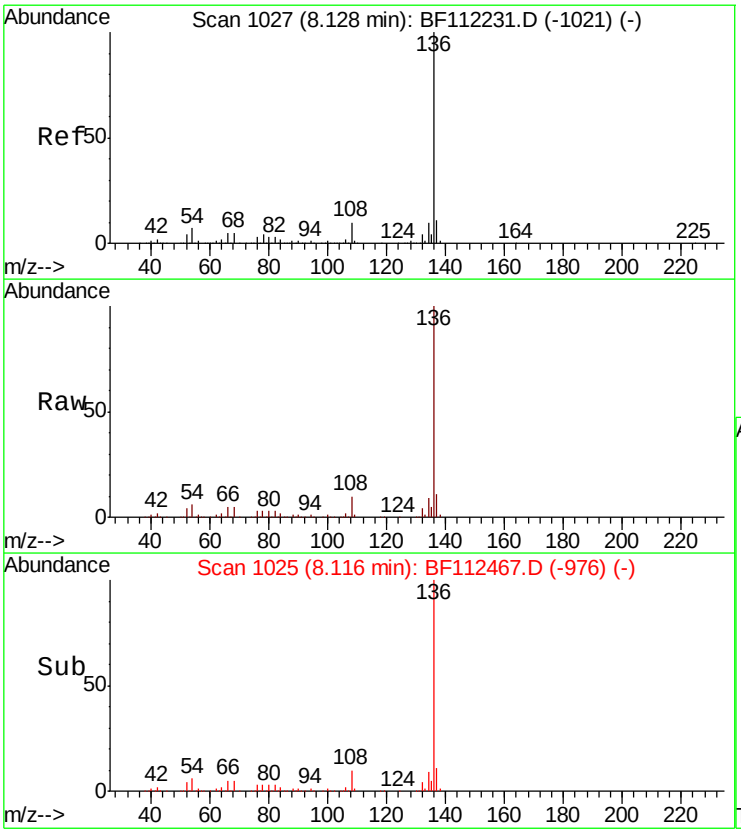
#19
n-Nitroso-di-n-propylamine
Concen: 18.242 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.14 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion: 70 Resp: 106927

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.6	71.4#
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#

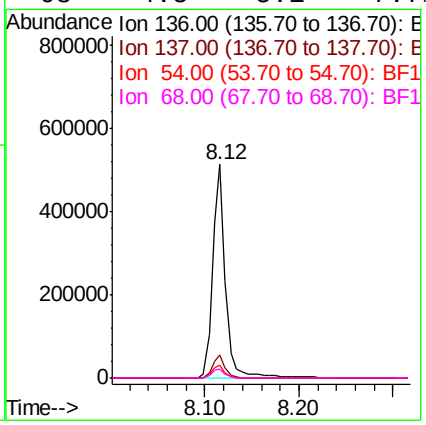


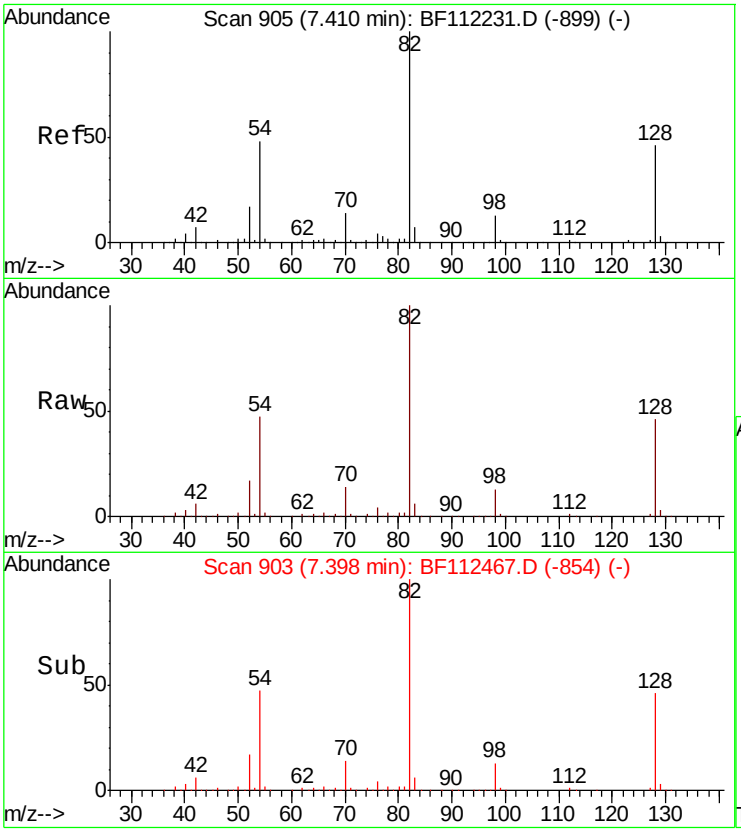


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:136 Resp: 493624

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.9	5.9	8.9#
68	4.5	5.1	7.7#



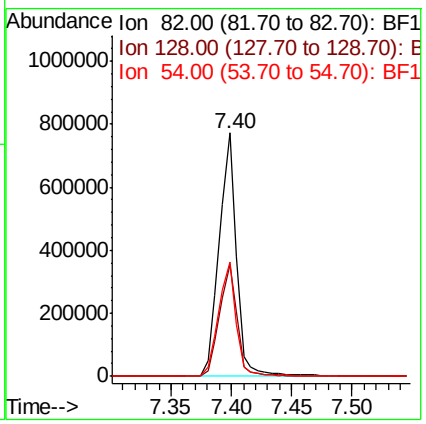


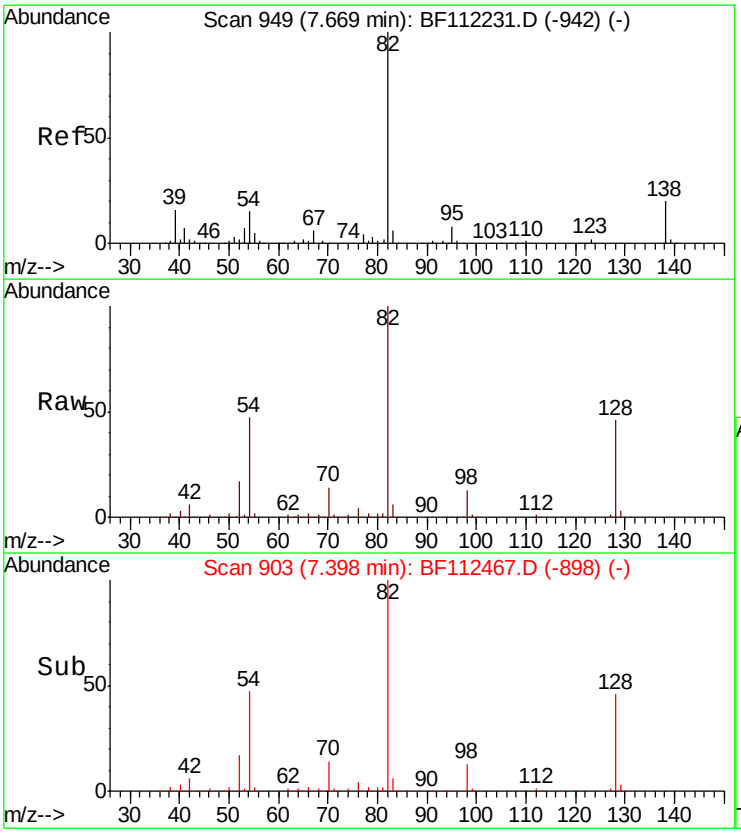
#23
Nitrobenzene-d5
Concen: 90.011 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion: 82 Resp: 771121

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	46.8	39.7	59.5

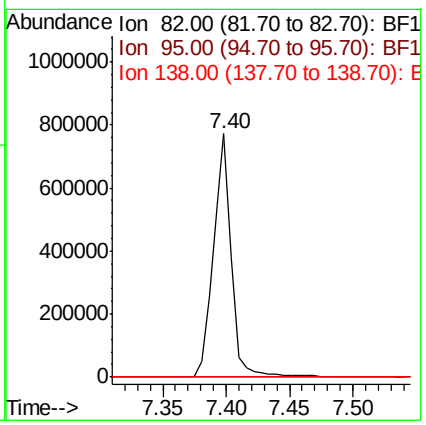


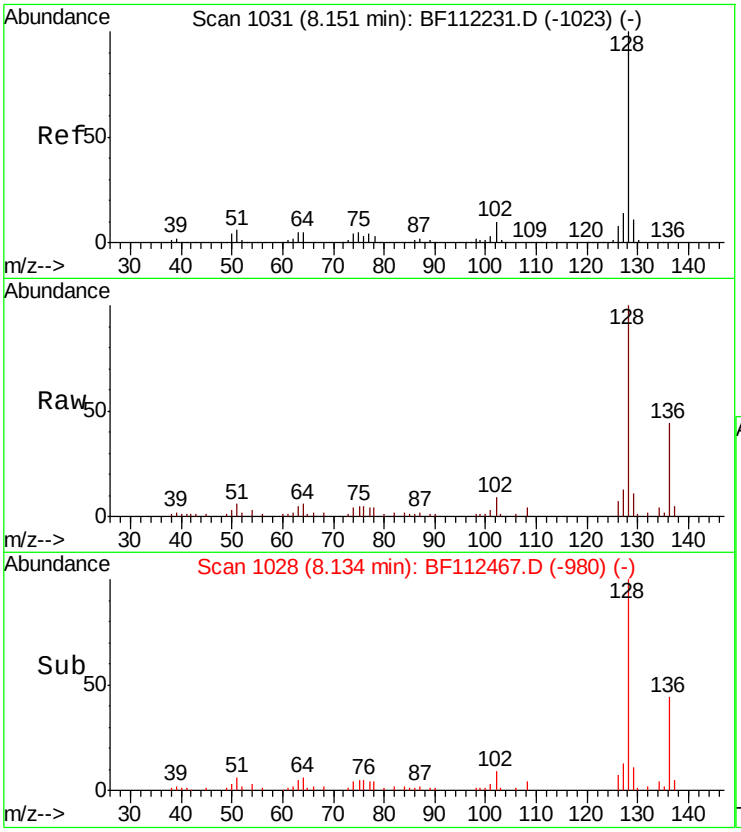


#25
Isophorone
Concen: 57.376 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.27 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion: 82 Resp: 771110

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

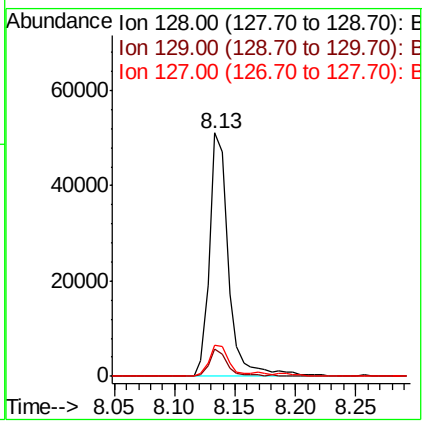




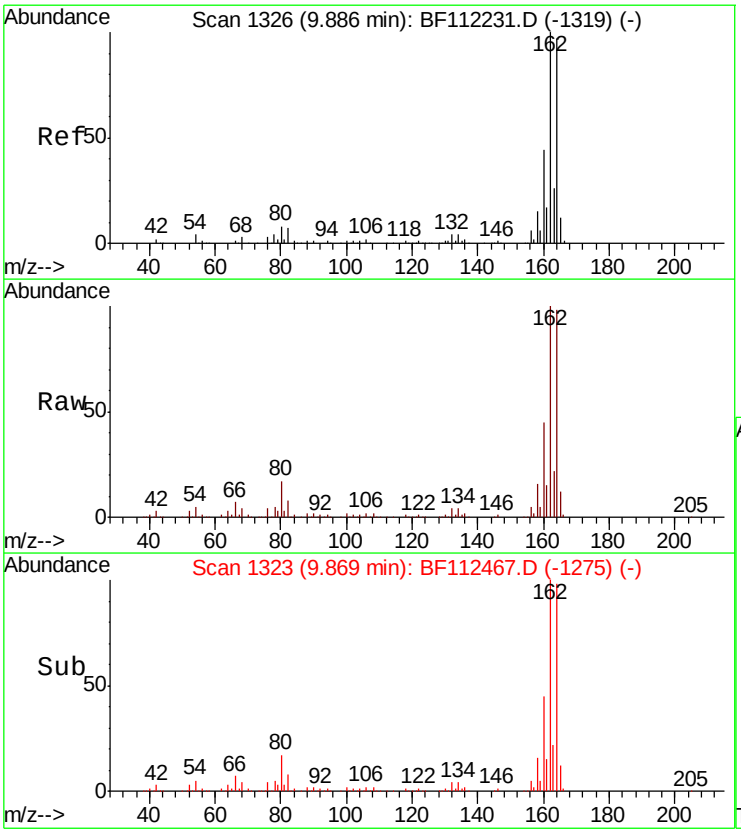
#31
Naphthalene
Concen: 2.404 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:128 Resp: 55501

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.6	14.4
127	12.9	11.1	16.7



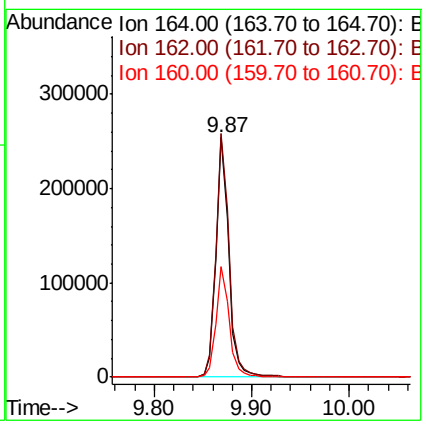
Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

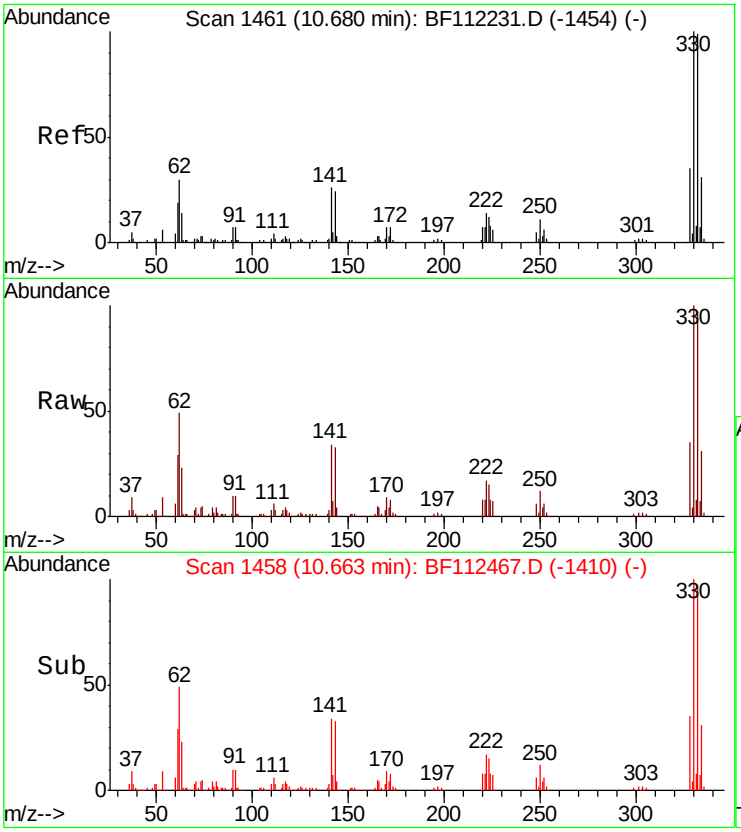


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:164 Resp: 232988

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.2	123.4
160	46.1	36.2	54.4



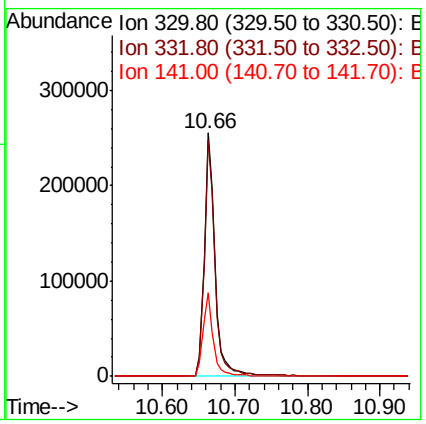


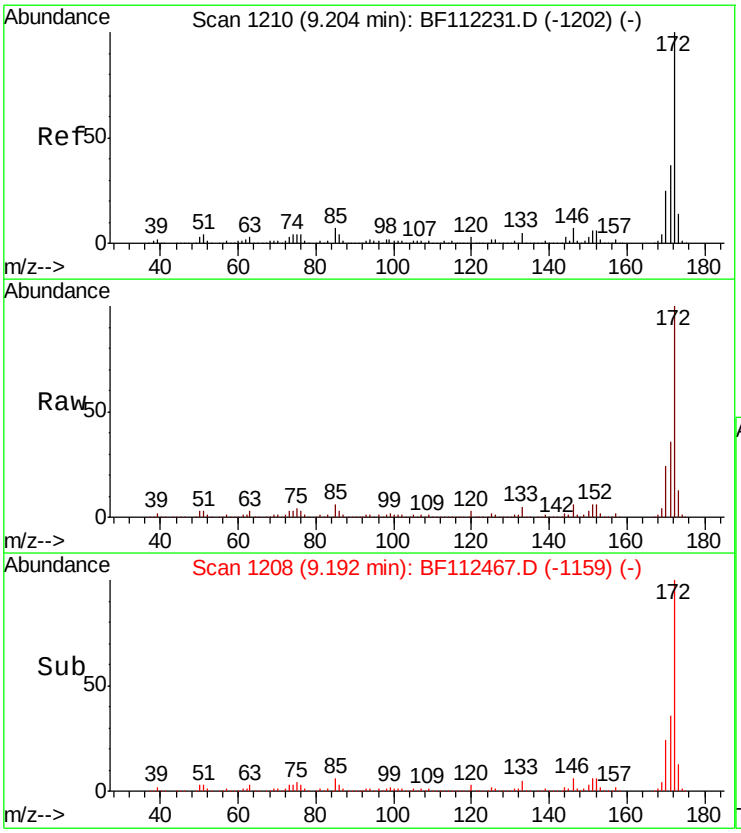
#42
2,4,6-Tribromophenol
Concen: 98.441 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion:330 Resp: 266963

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	32.8	24.3	36.5

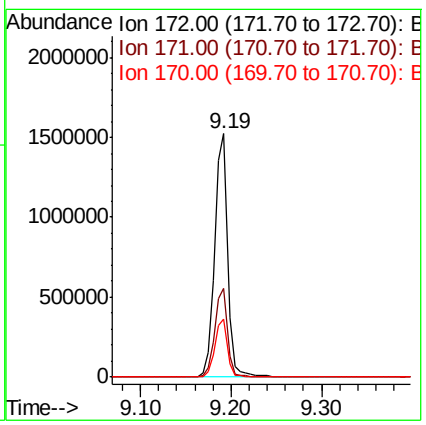


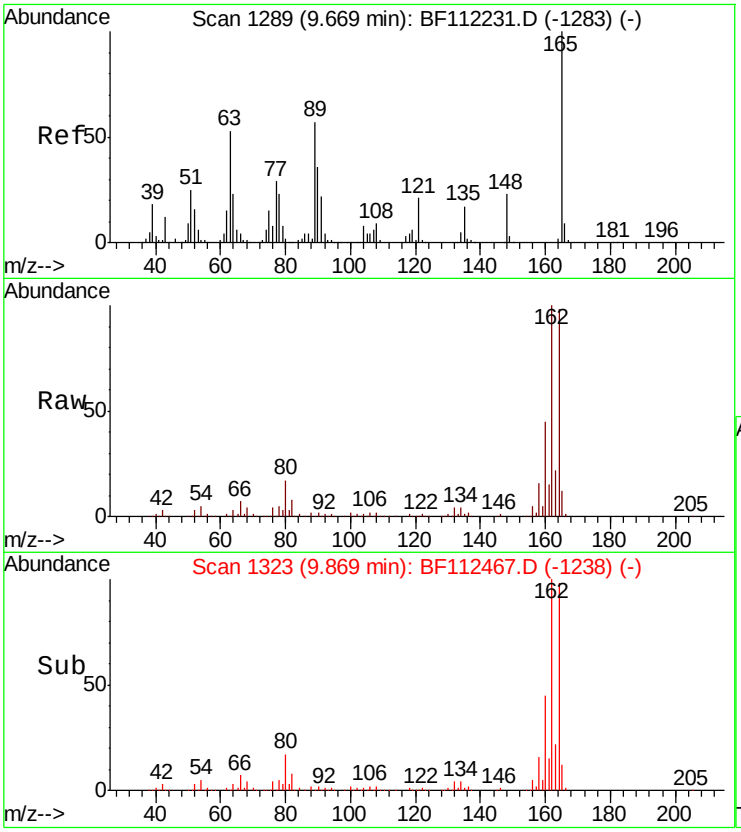


#45
2-Fluorobiphenyl
Concen: 91.100 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:172 Resp: 1500726

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.7	20.2	30.4



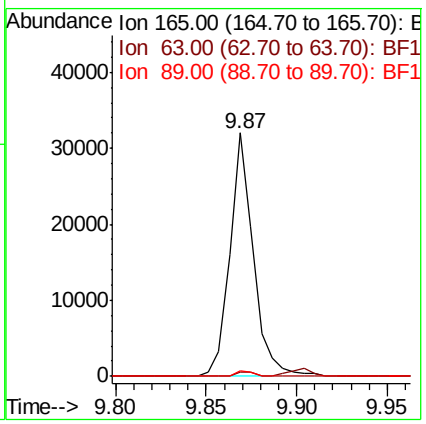


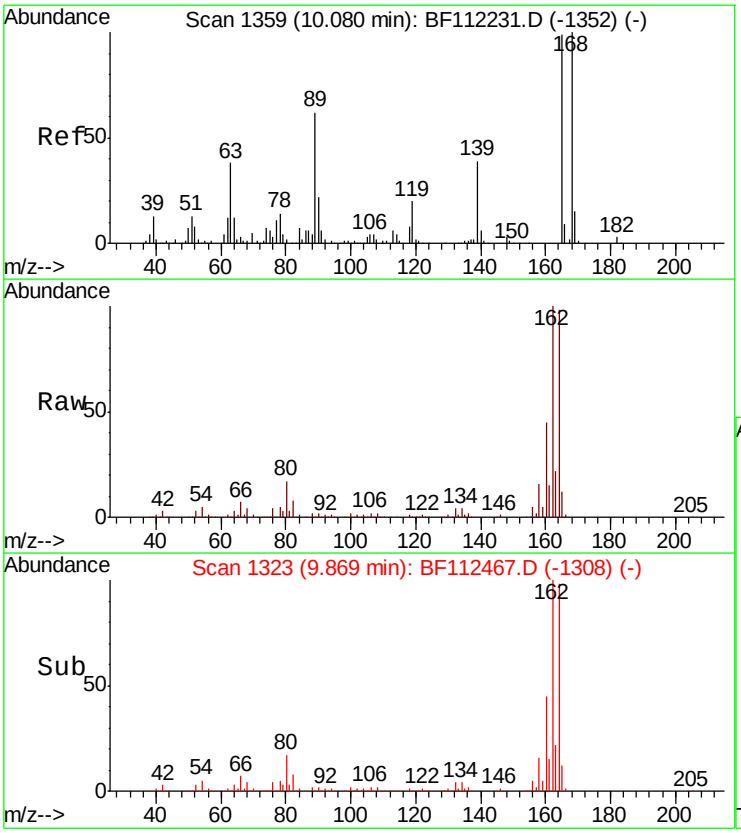
#51
2,6-Dinitrotoluene
Concen: 7.147 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion:165 Resp: 28975

Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.8#
89	2.0	36.9	55.3#

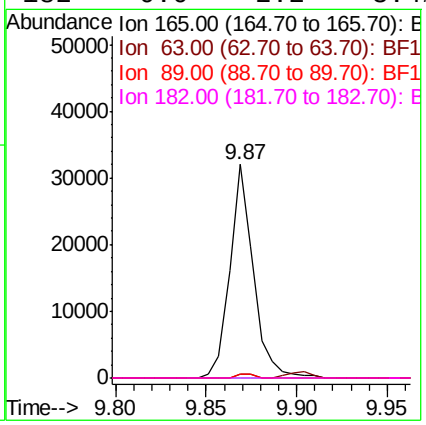


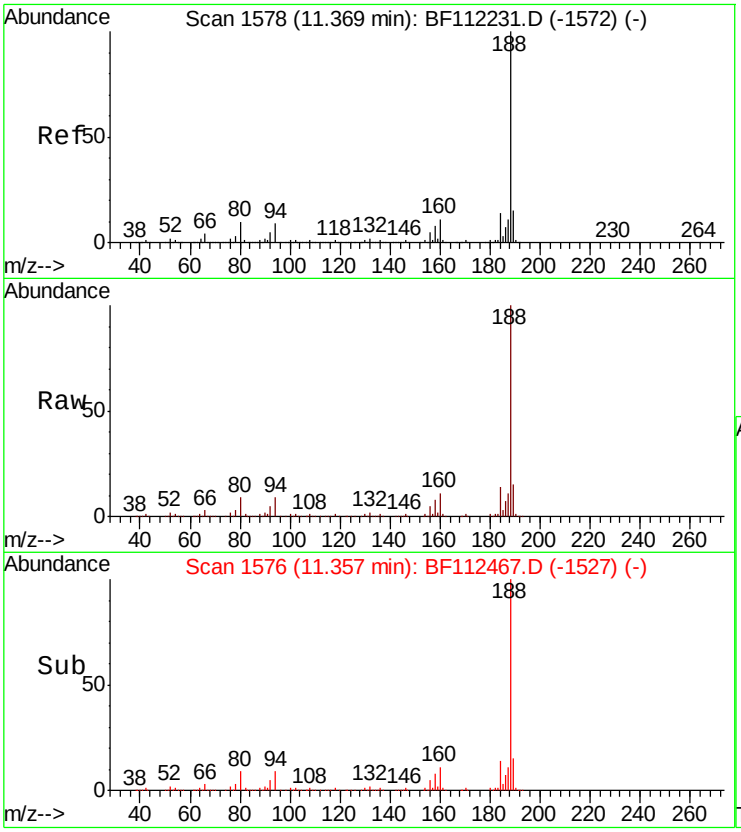


#57
2,4-Dinitrotoluene
Concen: 5.614 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:165 Resp: 28975

Ion	Ratio	Lower	Upper
165	100		
63	1.6	27.9	41.9#
89	2.0	47.9	71.9#
182	0.0	2.2	3.4#



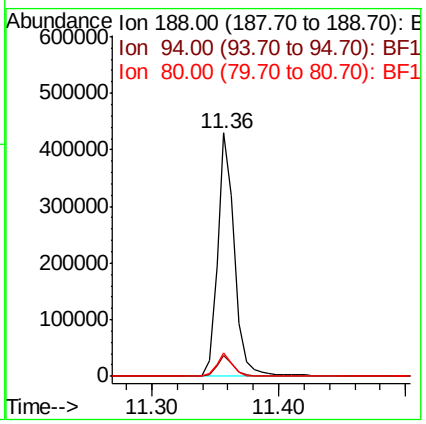


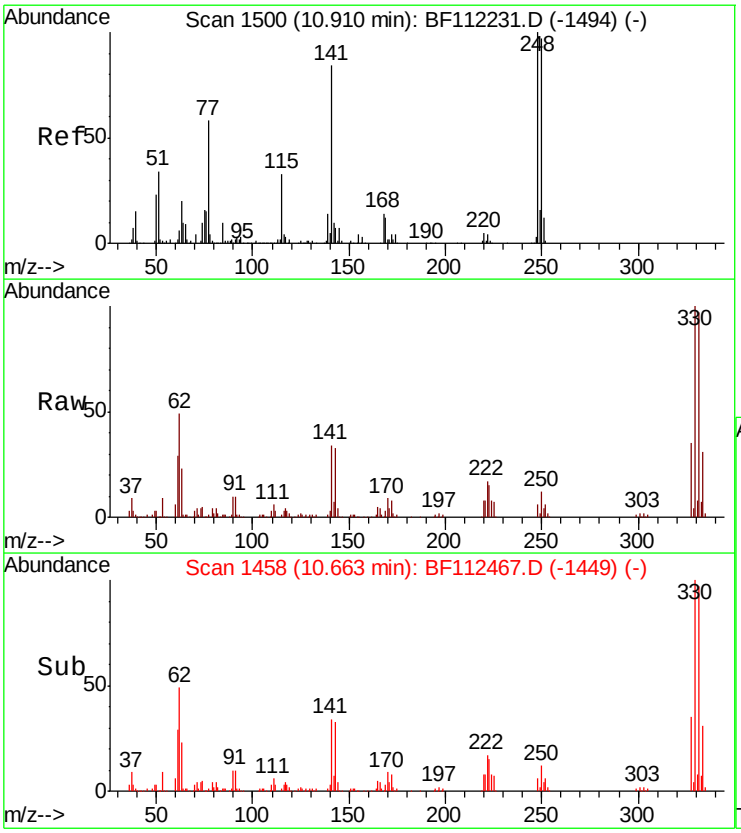
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion:188 Resp: 400735

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.4	8.9	13.3

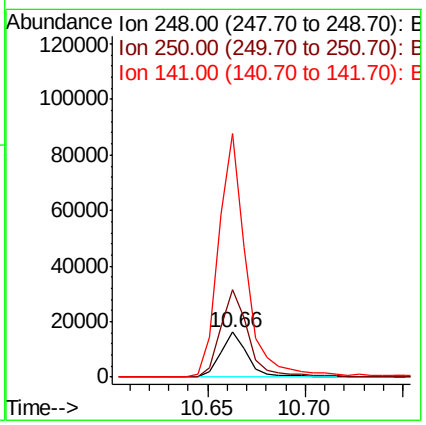


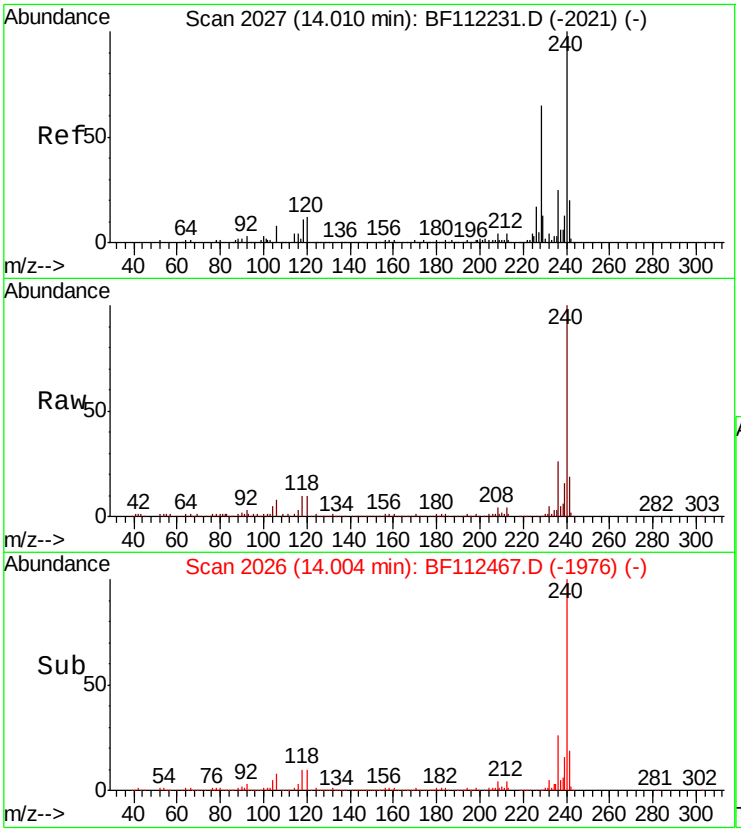


#67
4-Bromophenyl-phenylether
Concen: 3.295 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:248 Resp: 15531

Ion	Ratio	Lower	Upper
248	100		
250	195.6	79.7	119.5#
141	541.5	60.3	90.5#



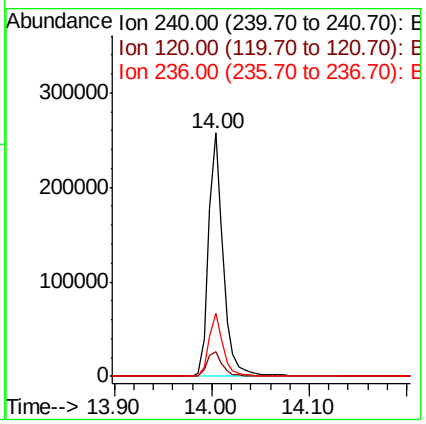


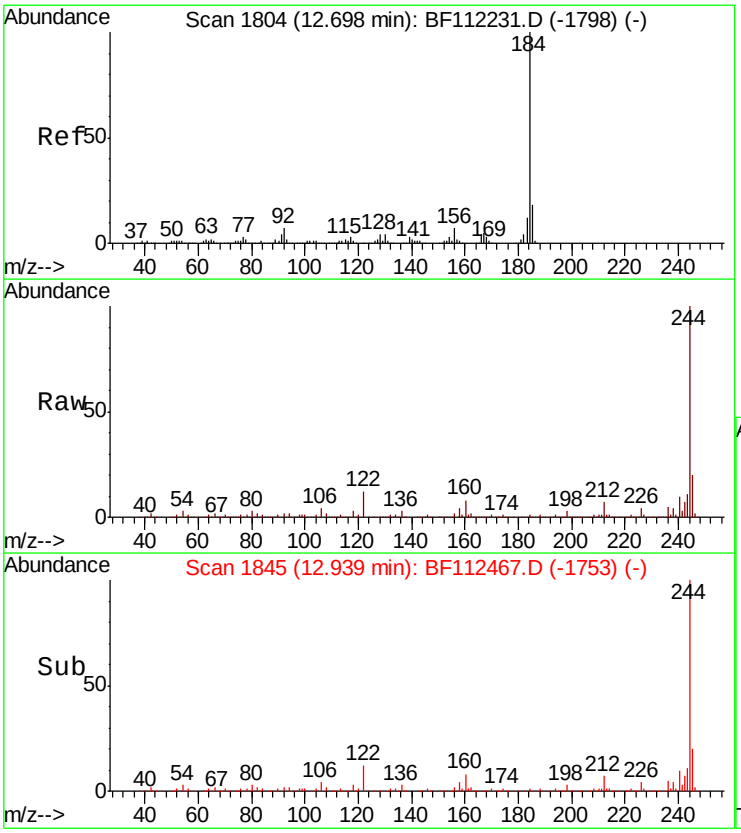
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion:240 Resp: 267765

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	25.9	20.7	31.1

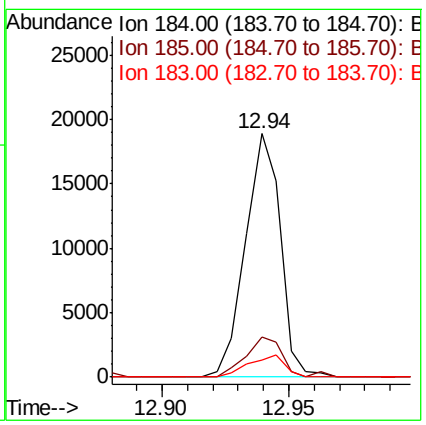


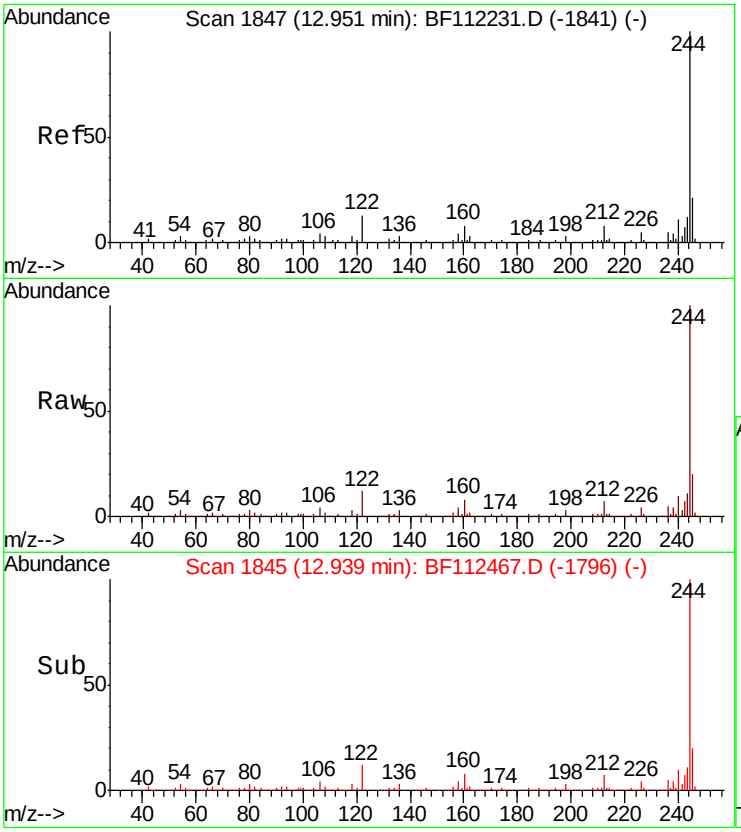


#77
Benzidine
Concen: 2.468 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.24 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:184 Resp: 18190

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.9	20.9
183	7.2	10.0	15.0#



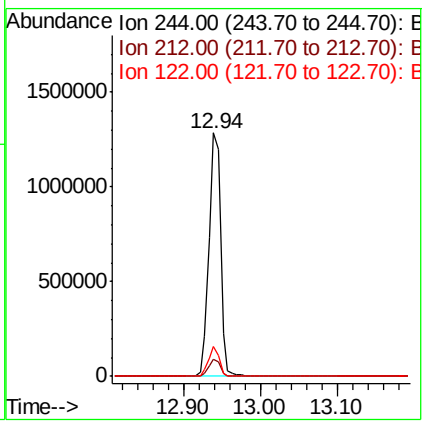


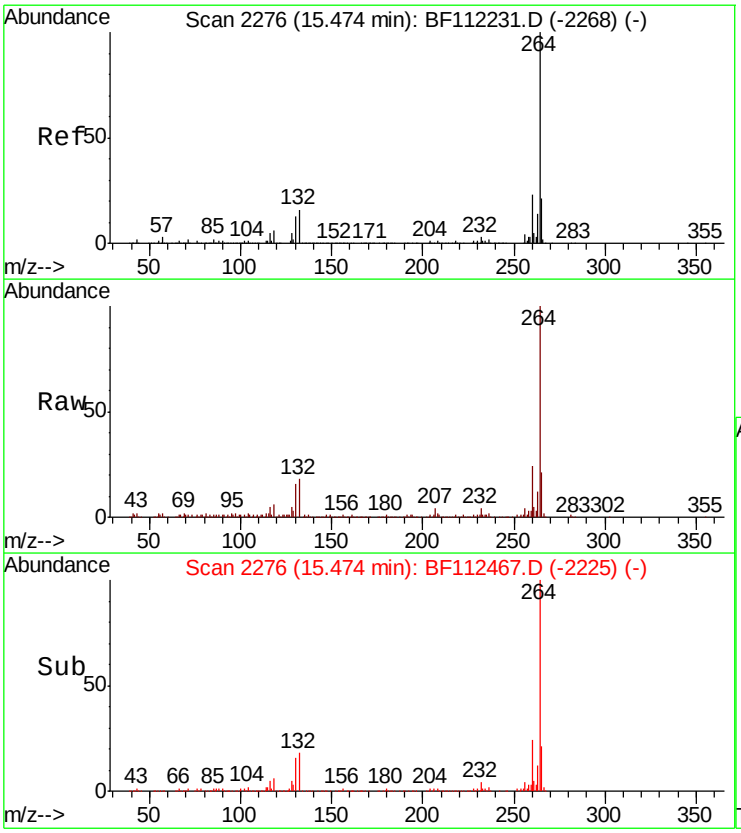
#79
Terphenyl-d14
Concen: 93.398 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Instrument :
BNA_F
ClientSampleId :
EIGI-RO-294

Tgt Ion:244 Resp: 1327813

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.3	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112467.D
Acq: 8 Feb 2019 18:42

Tgt Ion:264 Resp: 279343

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	21.5	17.0	25.4