Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
Data File : BF107636.D
Acq On : 24 Jul 2018 23:01
Operator : JU/SJ
Sample : 4011-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20180415-COMPOSITE-1

Quant Time: Jul 25 01:07:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	224397	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	852520	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	336935	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	590832	20.00	ng	0.00
75) Chrysene-d12	14.15	240	446635	20.00	ng	-0.01
86) Perylene-d12	15.69	264	359230	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1077321	77.19	ng	0.00
7) Phenol-d6	6.61	99	1334822	79.65	ng	0.00
23) Nitrobenzene-d5	7.53	82	789404	62.49	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	278266	72.63	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1391470	66.52	ng	-0.01
78) Terphenyl-d14	13.09	244	1099669	63.03	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	104510	9.653	ng	# 82
25) Isophorone	7.53	82	789400	29.267	ng	# 64
32) Benzoic acid	8.25	122	119	7.912	ng	# 1
49) Dimethylphthalate	9.72	163	224379	8.836	ng	98
56) 2,4-Dinitrotoluene	10.01	165	41603	6.836	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.81	198	515	8.829	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	16408	2.359	ng	# 1
73) Di-n-butylphthalate	12.05	149	1657	Below Cal		# 78
81) 3,3'-Dichlorobenzidine	14.10	252	1518	Below Cal		# 83

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
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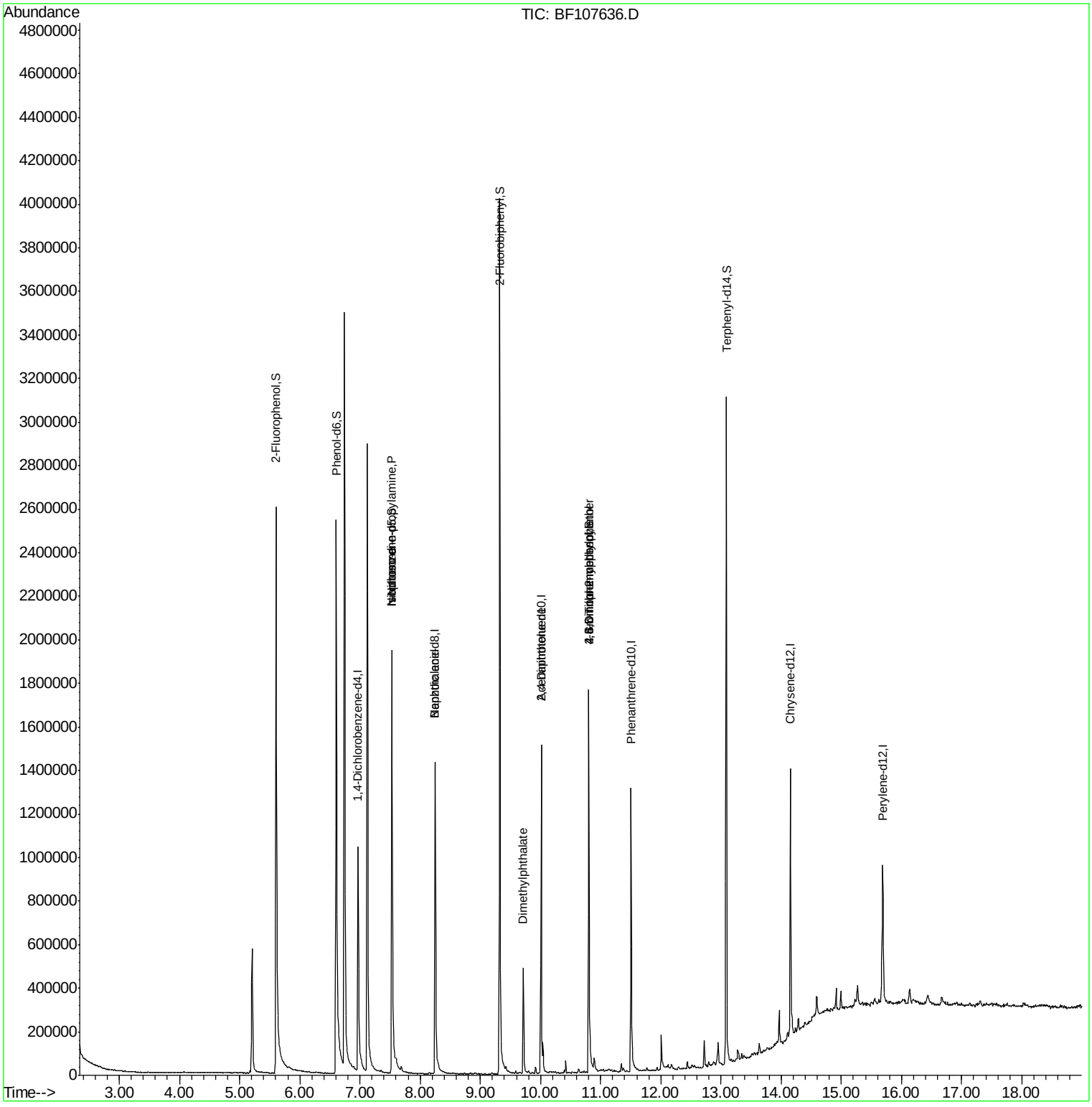
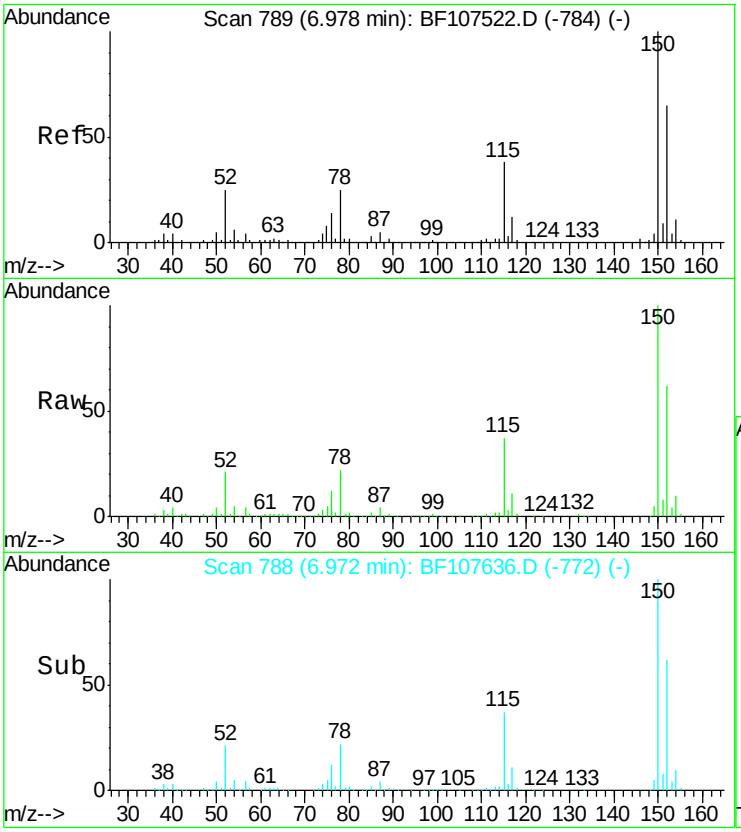
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Quant Time: Jul 25 01:07:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



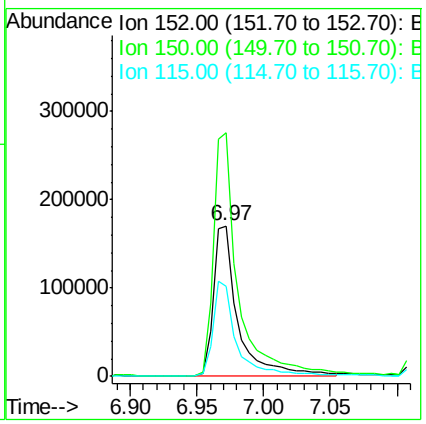


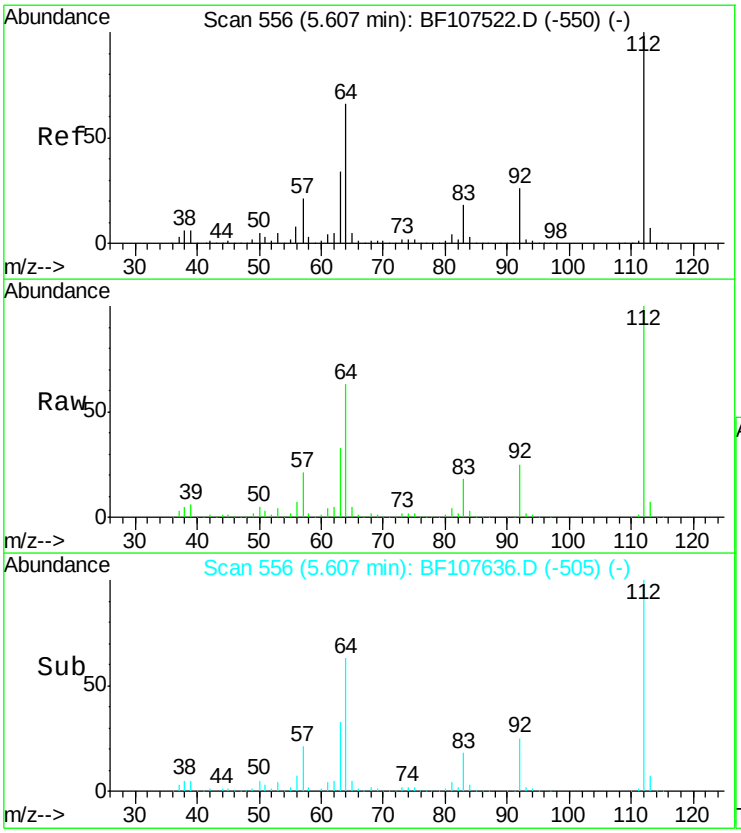
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:152 Resp: 224397

Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.6	186.8
115	60.0	50.1	75.1

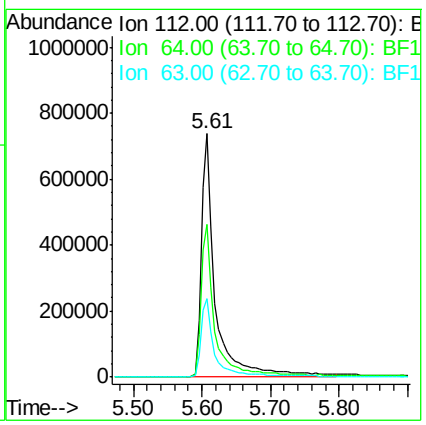


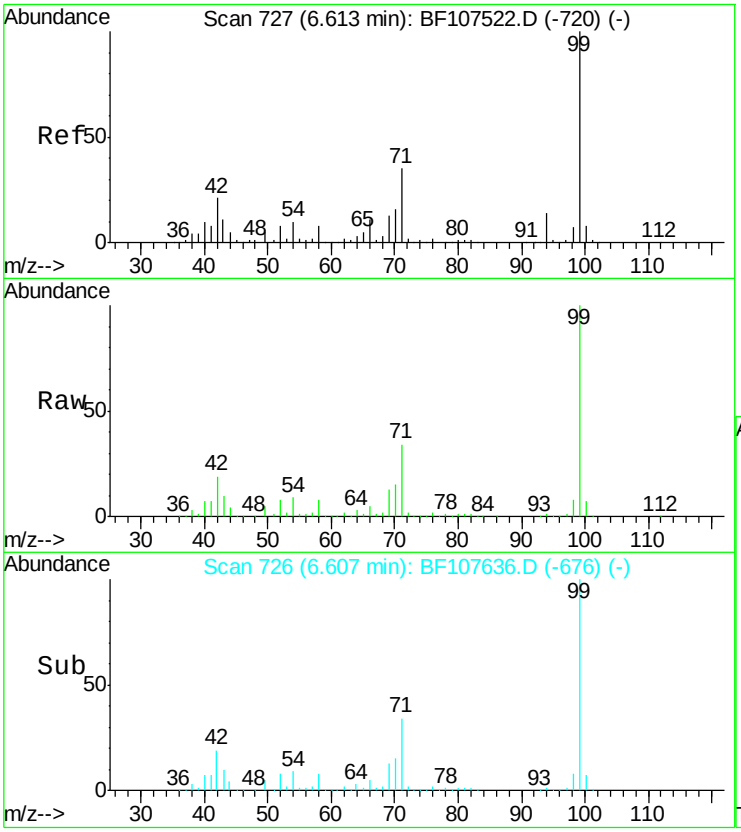


#5
2-Fluorophenol
Concen: 77.190 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:112 Resp: 1077321

Ion	Ratio	Lower	Upper
112	100		
64	62.6	47.9	71.9
63	32.5	23.7	35.5



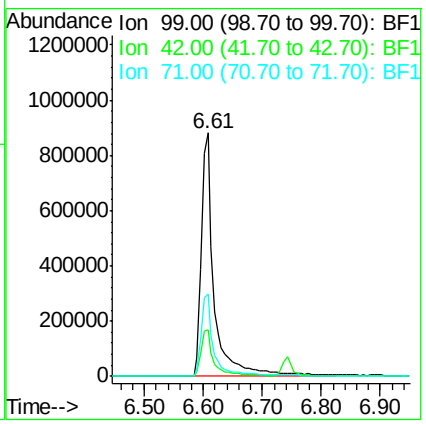


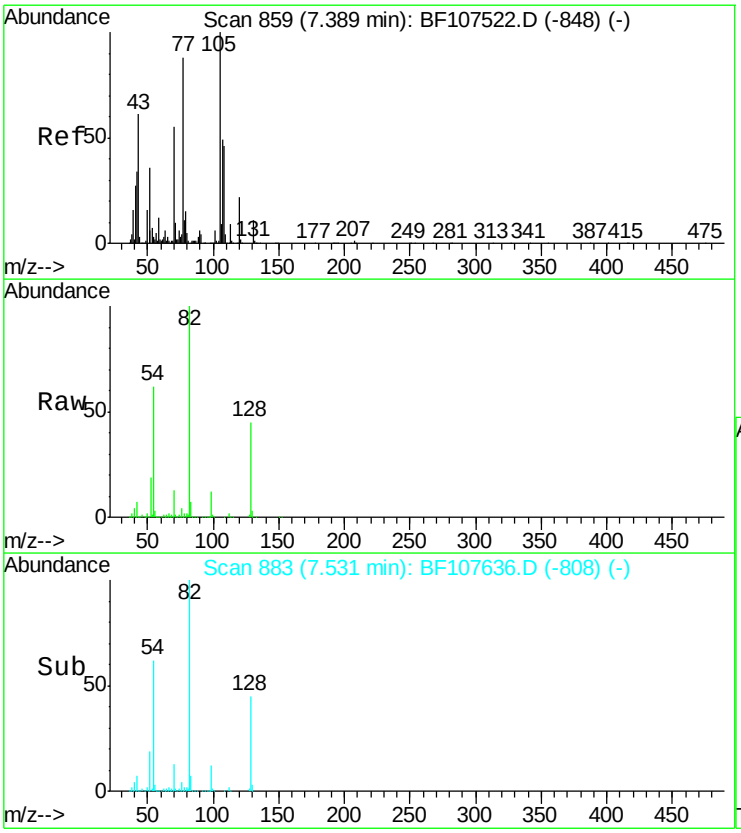
#7
Phenol-d6
Concen: 79.651 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion: 99 Resp: 1334822

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.6	25.4	38.0

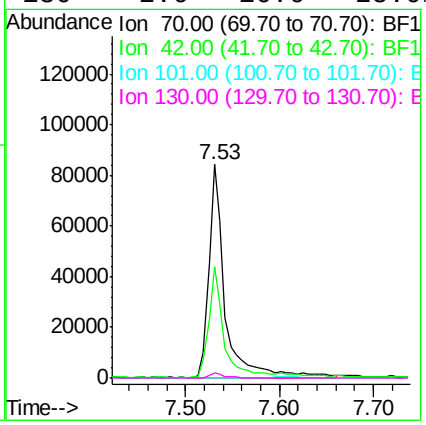


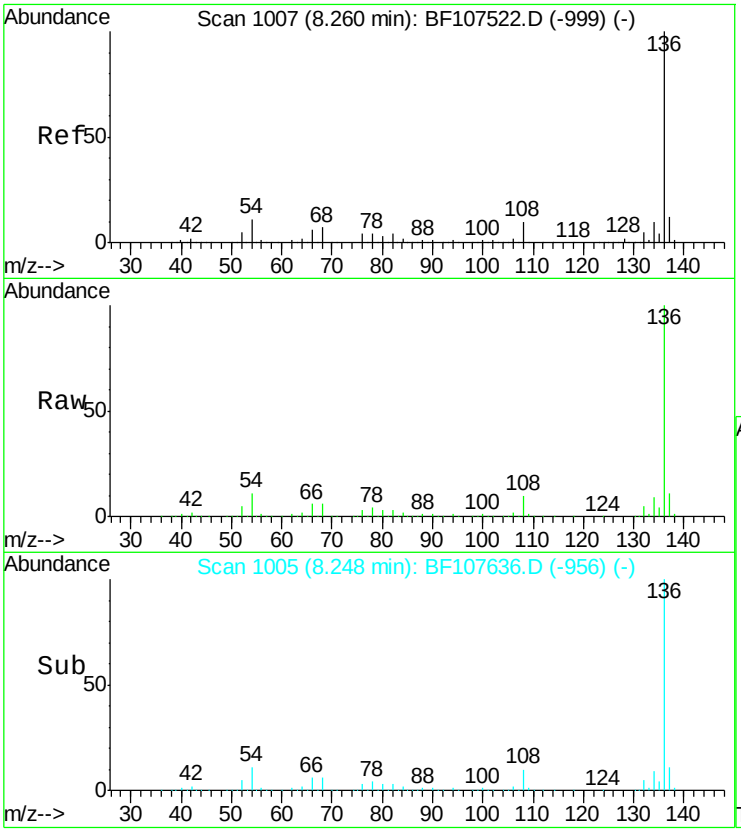


#19
n-Nitroso-di-n-propylamine
Concen: 9.653 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion: 70 Resp: 104510

Ion	Ratio	Lower	Upper
70	100		
42	52.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



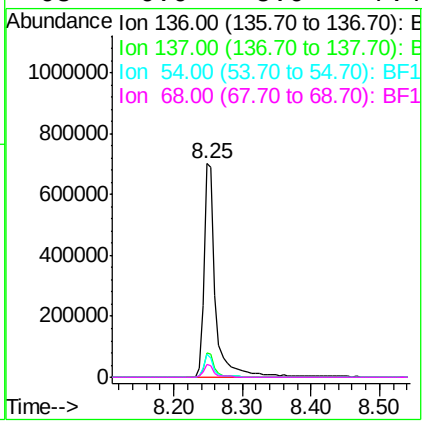


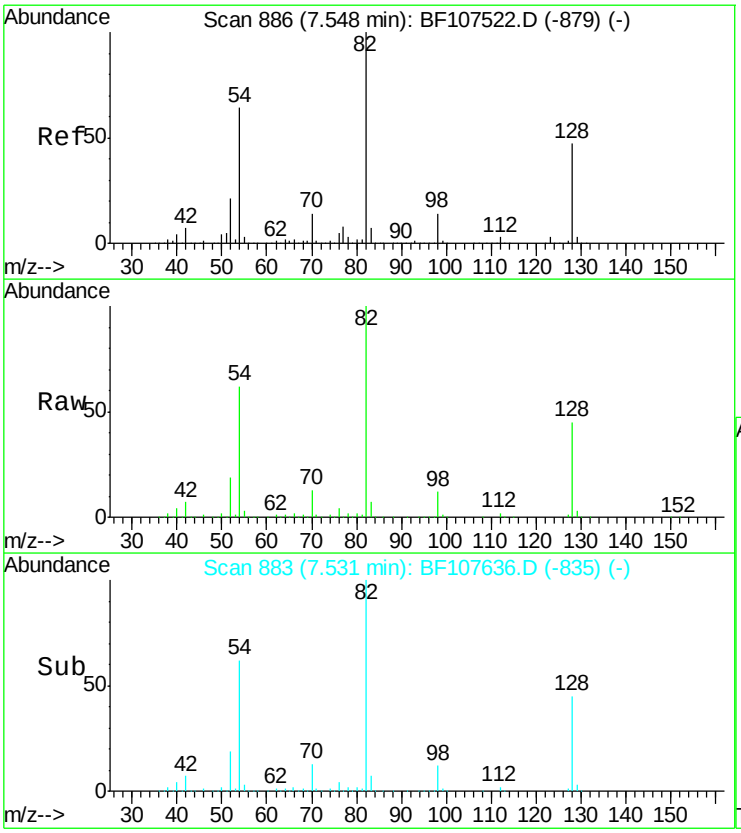
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:136 Resp: 852520

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.7	6.6	9.8#
68	6.0	5.0	7.4

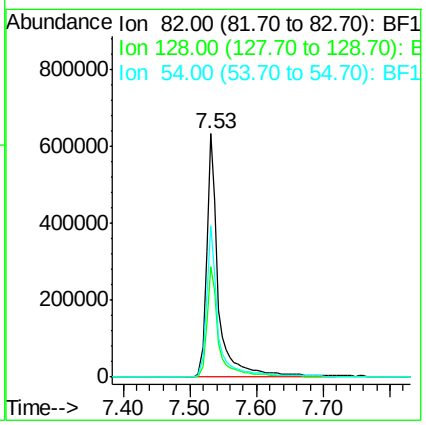


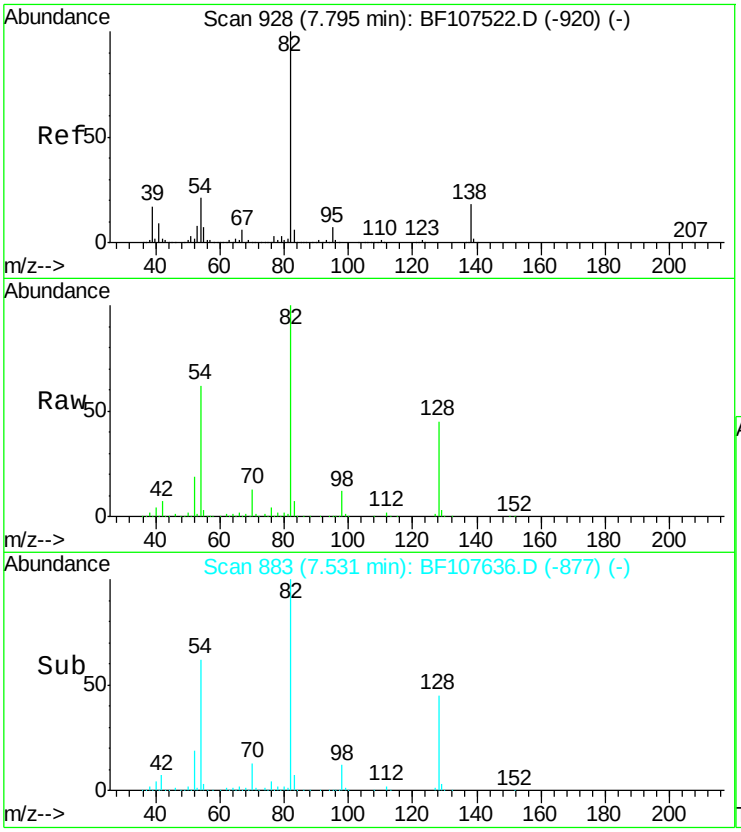


#23
Nitrobenzene-d5
Concen: 62.491 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion: 82 Resp: 789404

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	62.3	41.4	62.2#



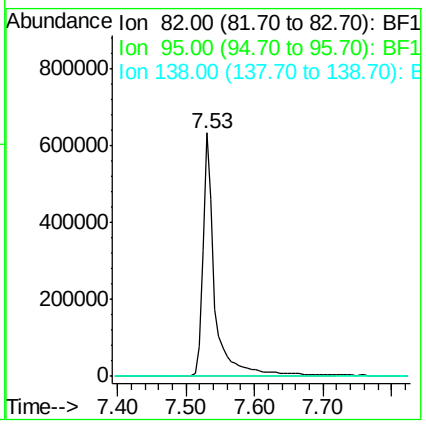


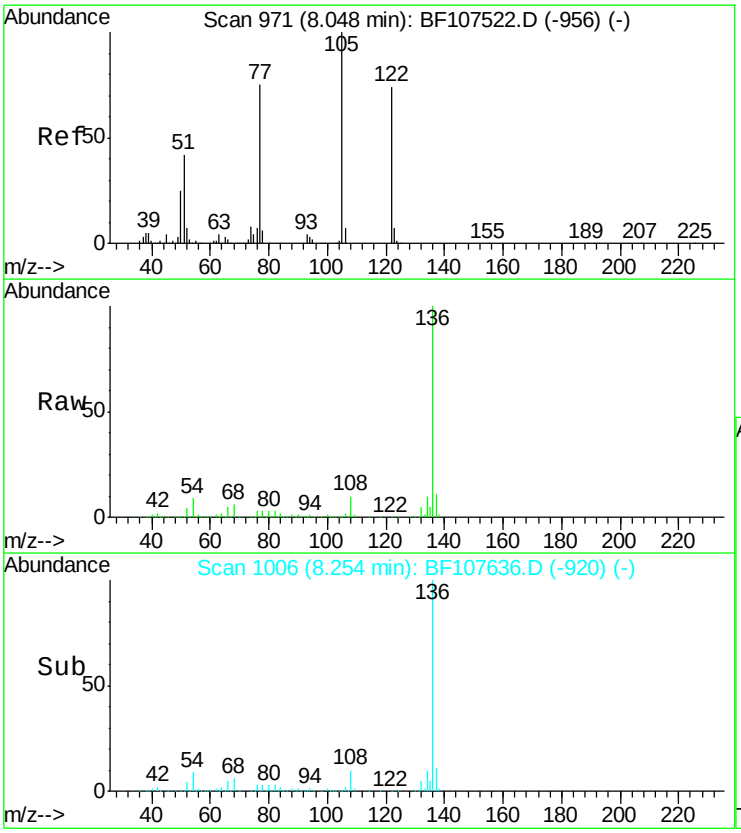
#25
Isophorone
Concen: 29.267 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion: 82 Resp: 789400

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

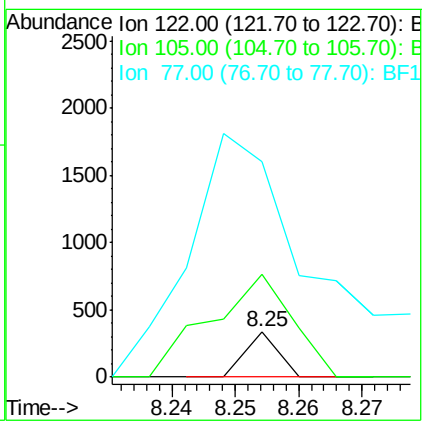


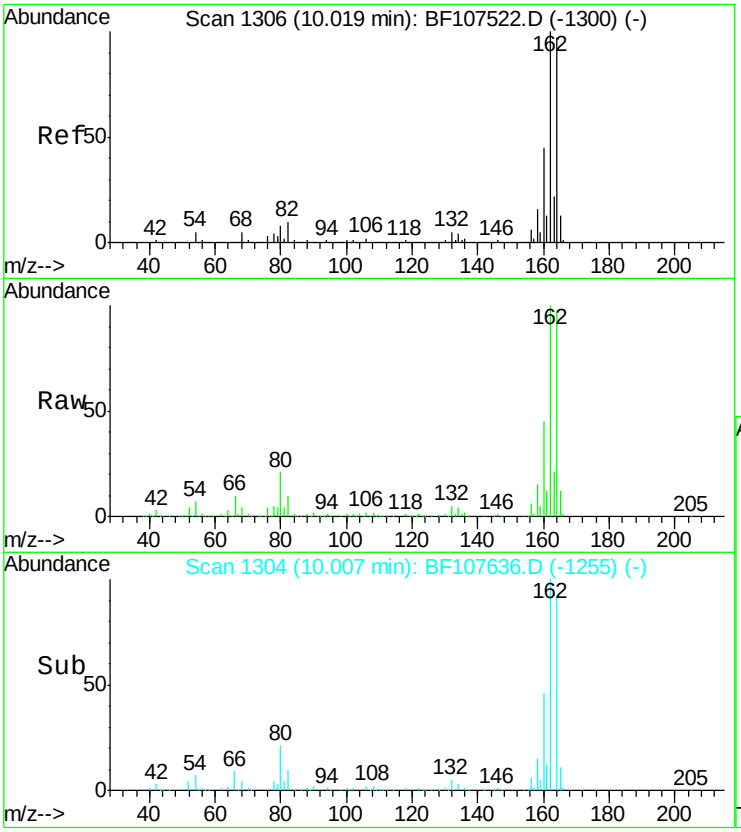


#32
Benzoic acid
Concen: 7.912 ng
RT: 8.25 min Scan# 1006
Delta R.T. 0.21 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:122 Resp: 119

Ion	Ratio	Lower	Upper
122	100		
105	226.4	101.1	141.1#
77	475.7	70.7	110.7#



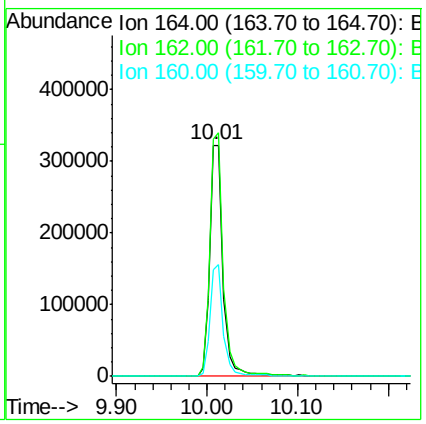


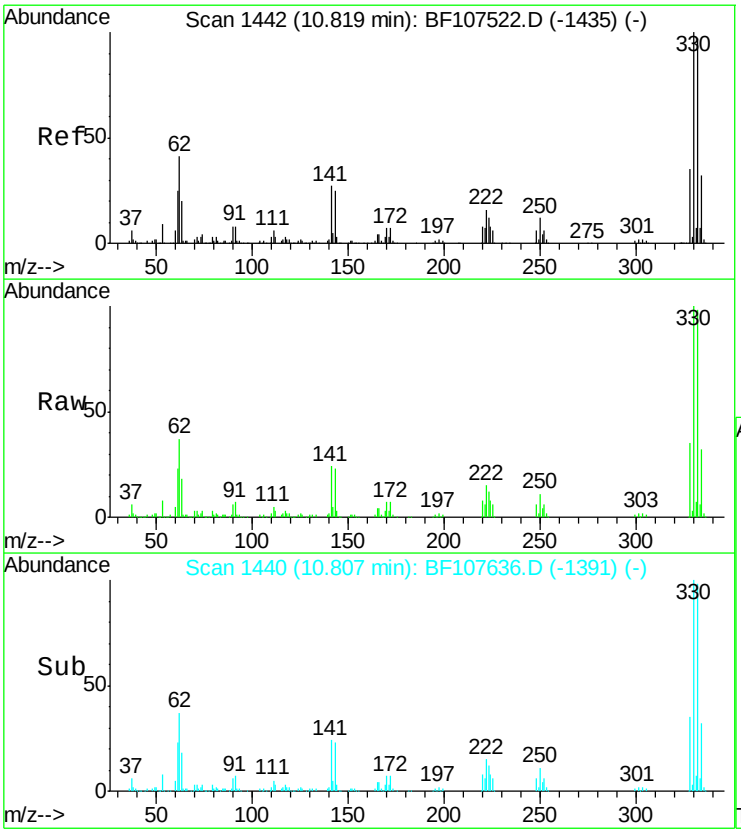
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:164 Resp: 336935

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	46.5	38.3	57.5

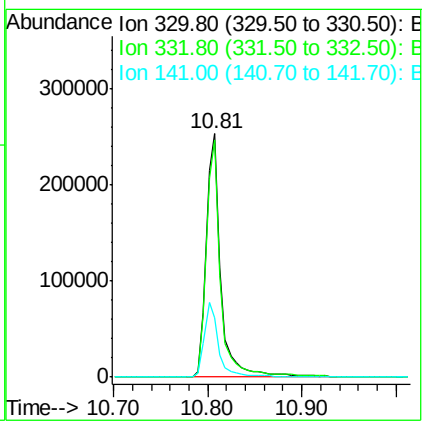


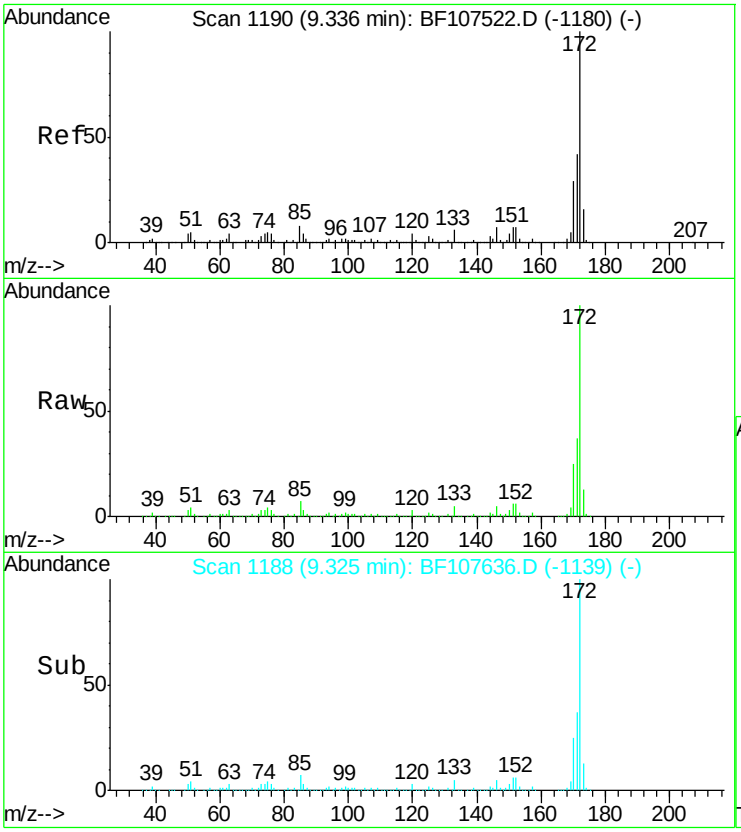


#41
2,4,6-Tribromophenol
Concen: 72.626 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:330 Resp: 278266

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	29.9	29.9	44.9#



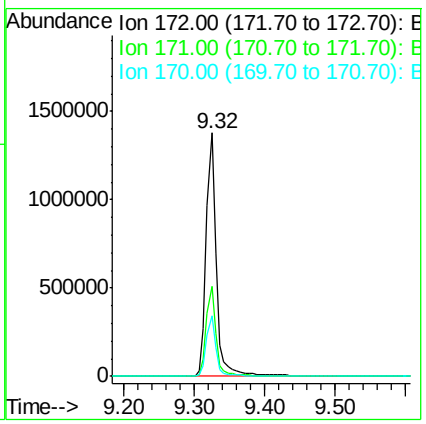


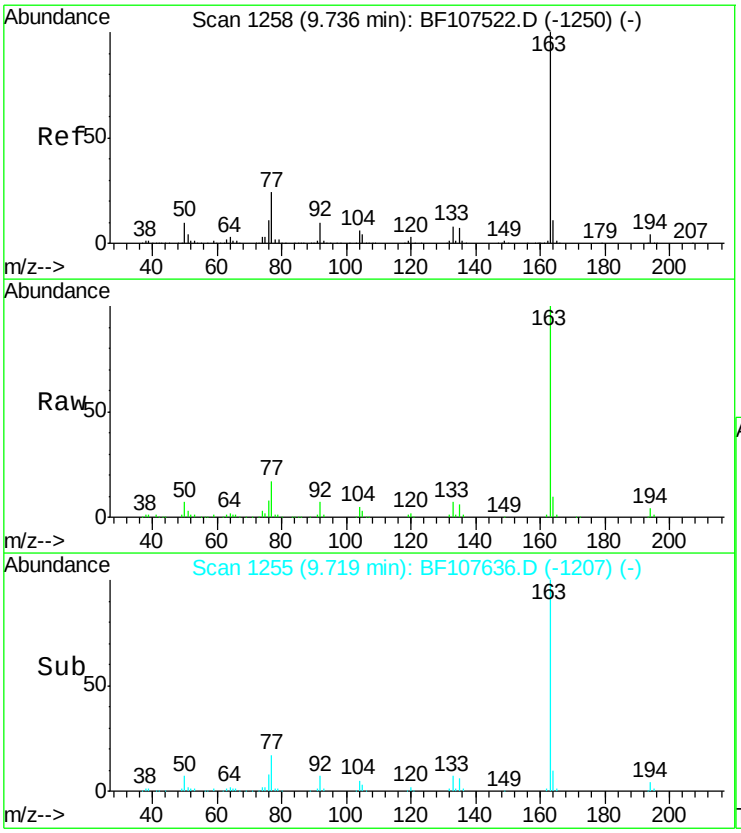
#44
2-Fluorobiphenyl
Concen: 66.524 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:172 Resp: 1391470

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	24.9	19.6	29.4

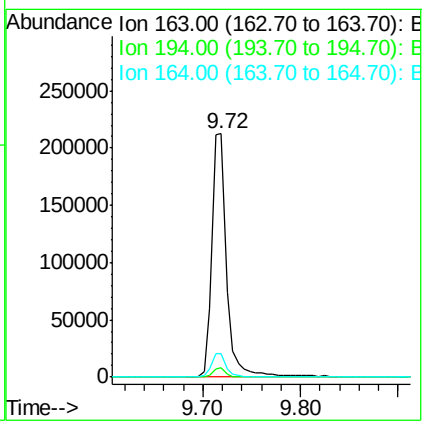


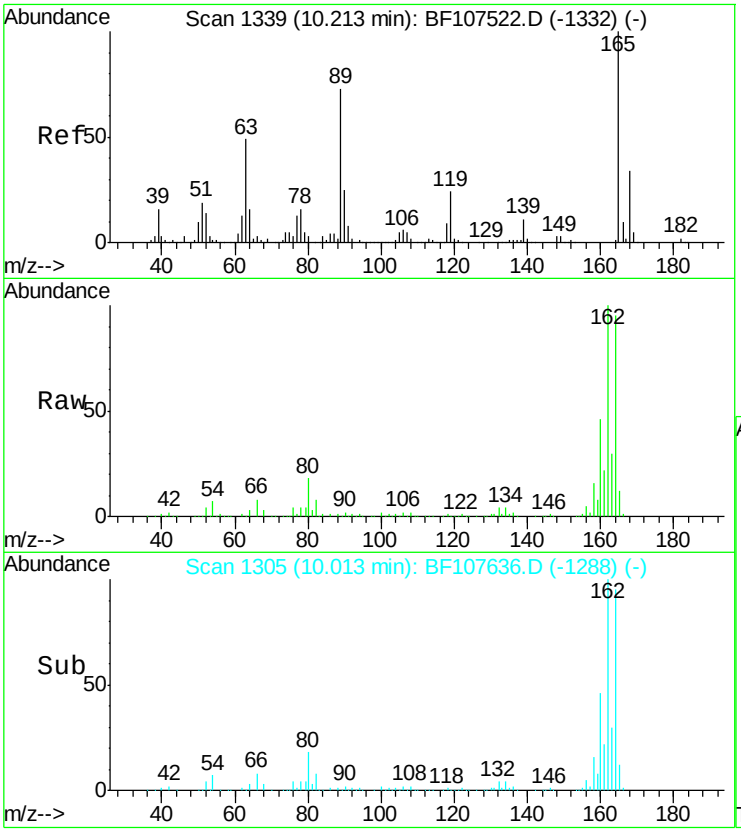


#49
Dimethylphthalate
Concen: 8.836 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:163 Resp: 224379

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.6	8.2	12.2



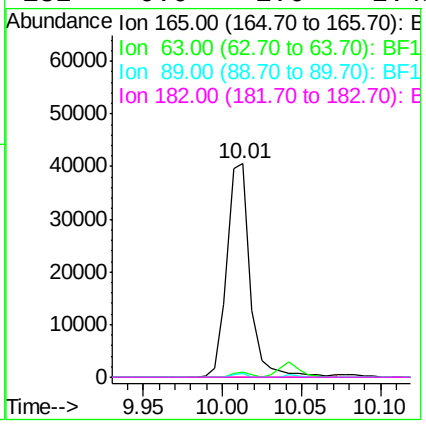


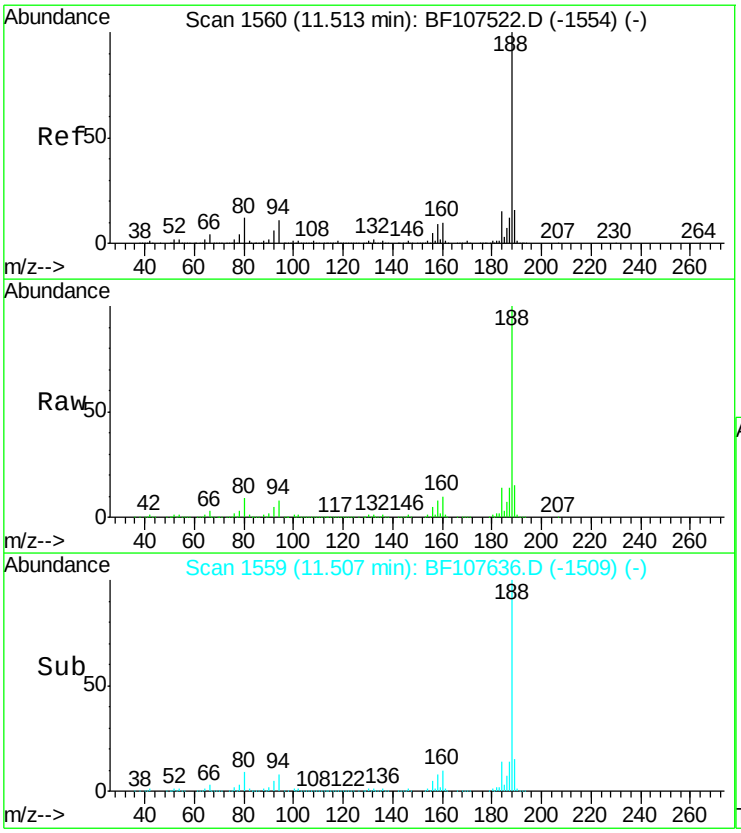
#56
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:165 Resp: 41603

Ion	Ratio	Lower	Upper
165	100		
63	2.2	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

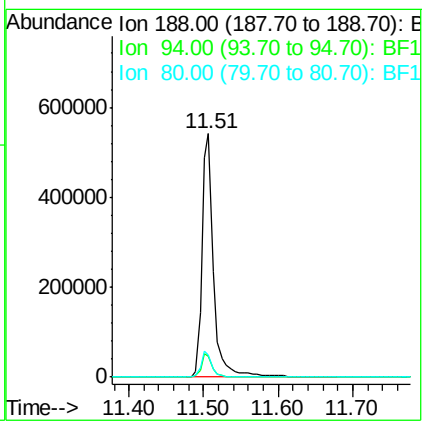


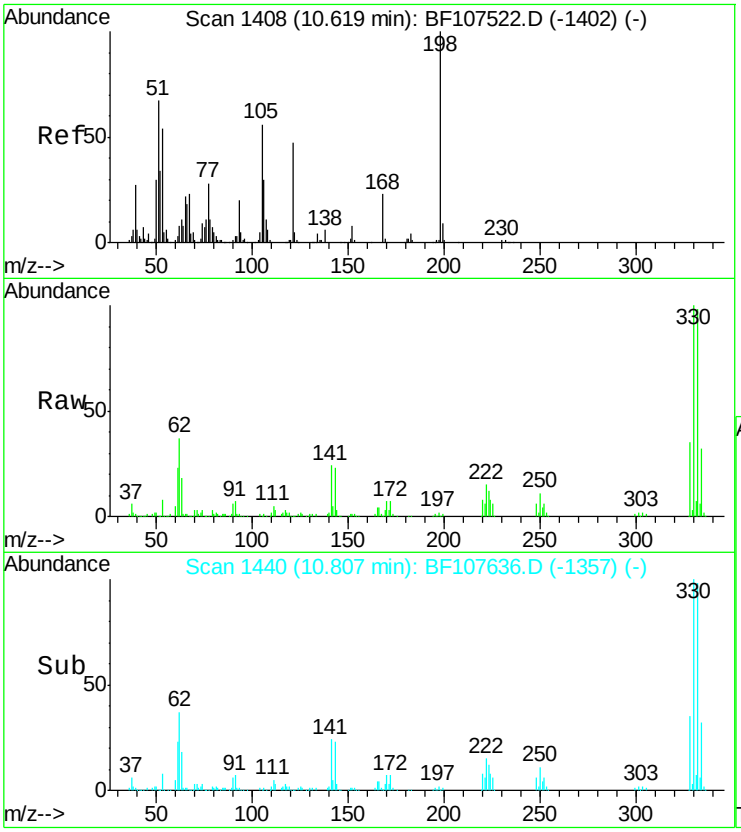


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:188 Resp: 590832

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	8.9	9.2	13.8#



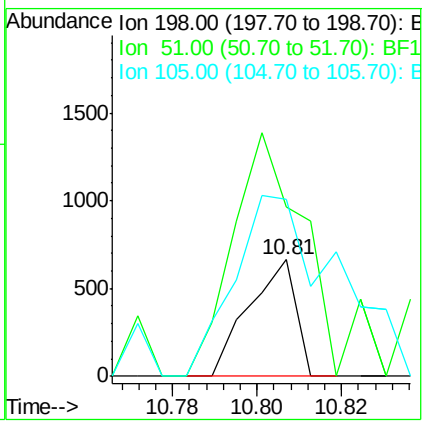


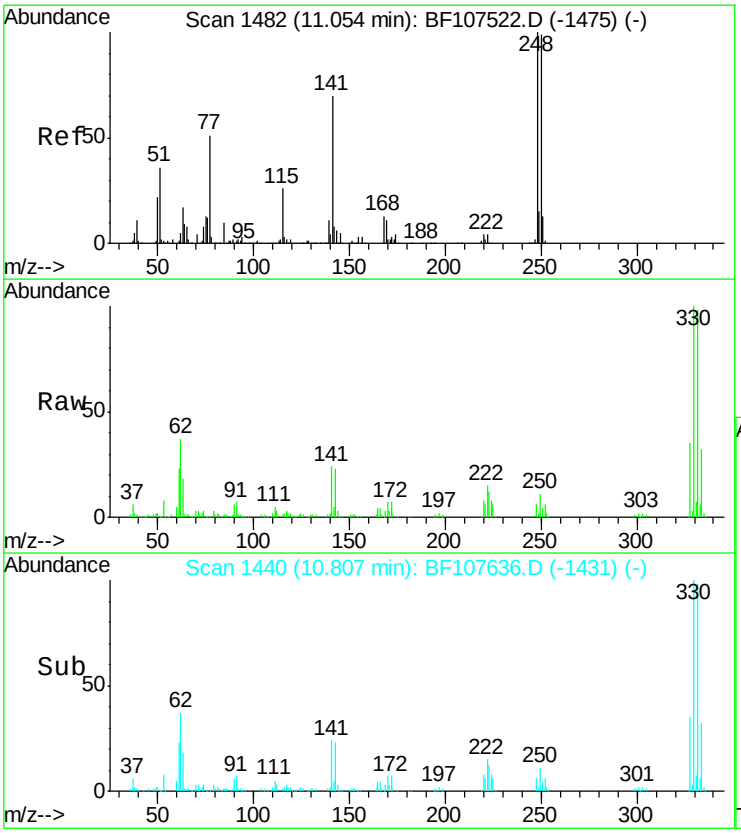
#64
4,6-Dinitro-2-methylphenol
Concen: 8.829 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:198 Resp: 515

Ion	Ratio	Lower	Upper
198	100		
51	145.4	37.7	77.7#
105	151.3	36.3	76.3#

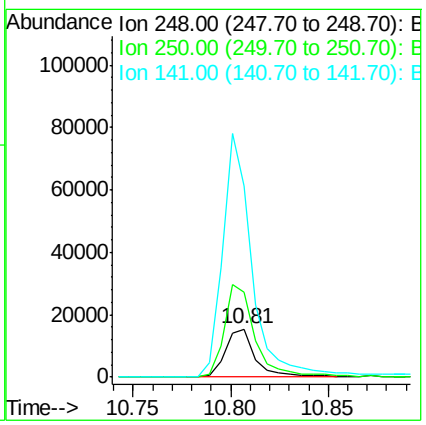


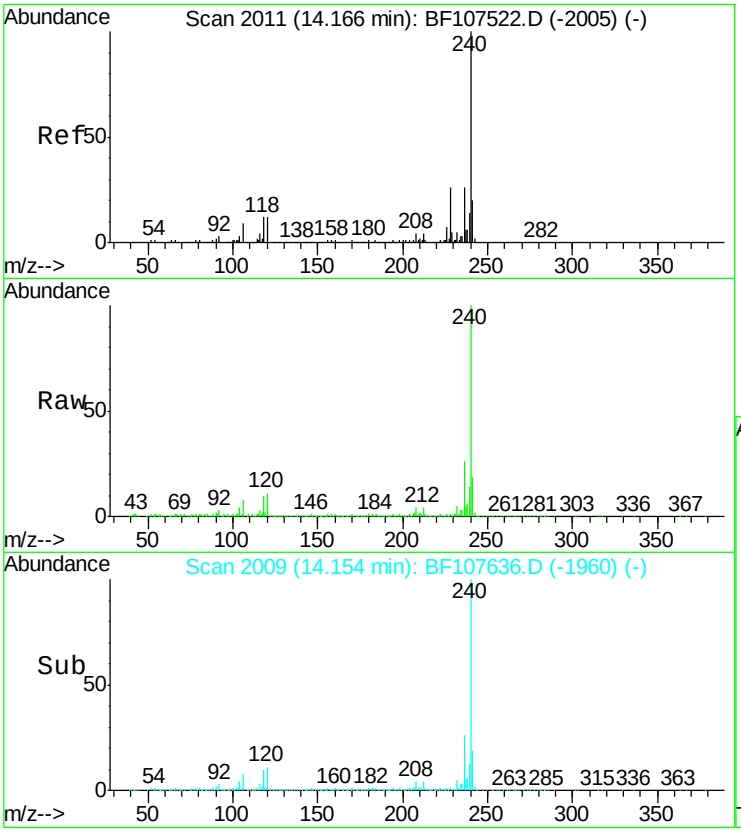


#66
4-Bromophenyl-phenylether
Concen: 2.359 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:248 Resp: 16408

Ion	Ratio	Lower	Upper
248	100		
250	177.9	76.9	115.3#
141	399.3	74.4	111.6#



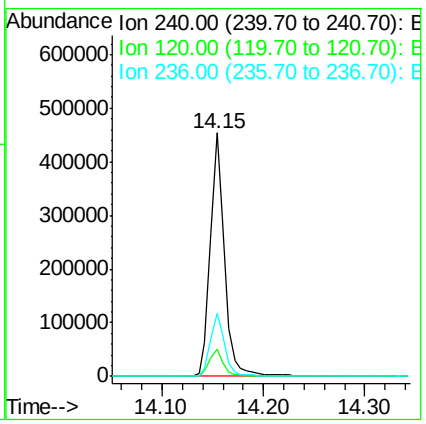


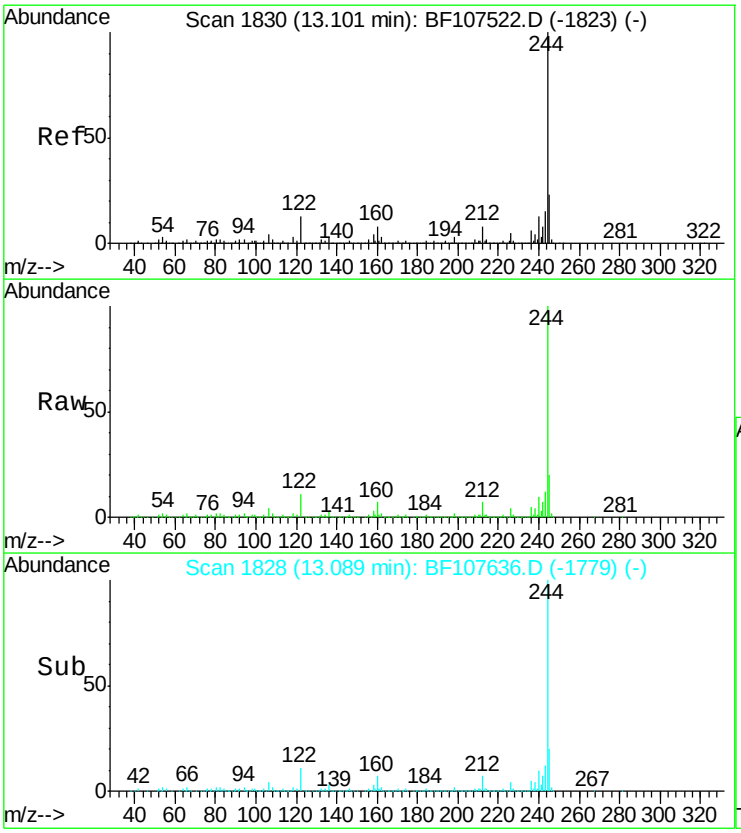
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:240 Resp: 446635

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.9	20.7	31.1

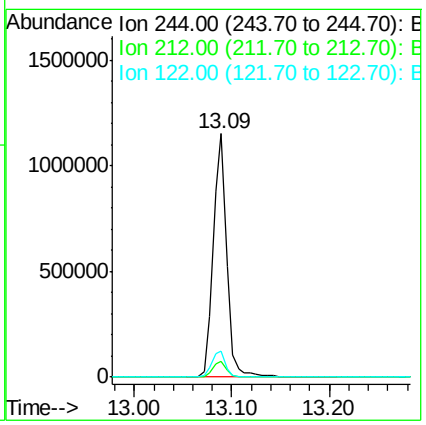


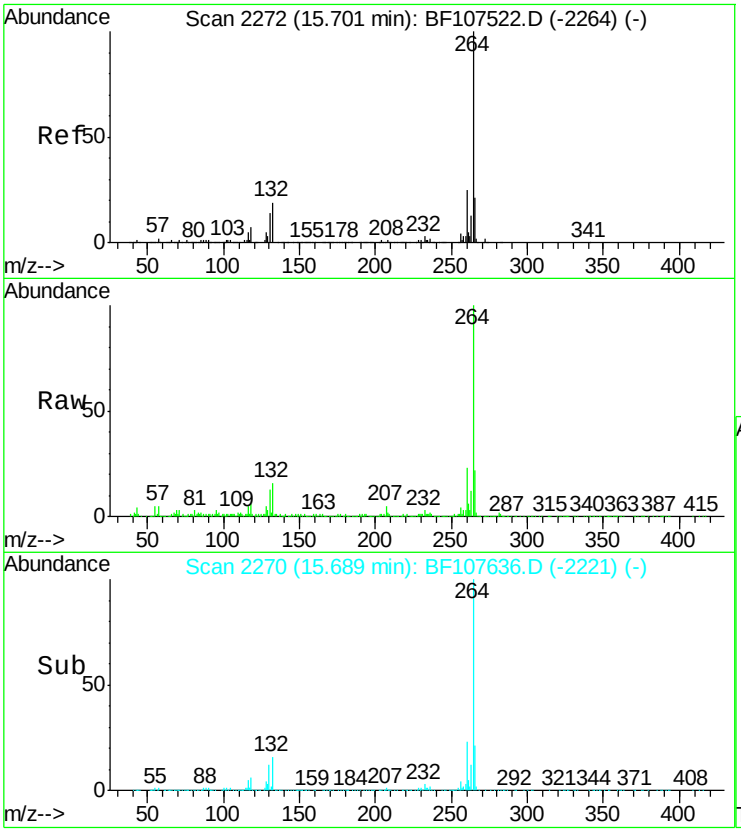


#78
Terphenyl-d14
Concen: 63.033 ng
RT: 13.09 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Tgt Ion:244 Resp: 1099669

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107636.D
Acq: 24 Jul 2018 23:01

Instrument :
BNA_F
ClientSampleId :
20180415-COMPOSITE-1

Tgt Ion:264 Resp: 359230

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	17.5	26.3