Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-14B

Quant Time: Jul 27 08:23:27 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	167760	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	655933	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	308714	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	491789	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	400840	20.00	ng	-0.02
86) Perylene-d12	15.67	264	429646	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	235121	22.53	ng	-0.01
7) Phenol-d6	6.61	99	240893	19.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	725131	74.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	262857	74.88	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1473689	80.60	ng	-0.02
78) Terphenyl-d14	13.08	244	1047705	66.91	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.49	77	1583	Below Cal	#	24
18) Hexachloroethane	7.49	117	135673	29.777	ng	# 1
22) Acetophenone	7.29	105	182669	11.858	ng	# 75
24) Nitrobenzene	7.52	77	28323	2.544	ng	# 8
32) Benzoic acid	8.02	122	2884	8.288	ng	# 1
37) 2-Methylnaphthalene	9.05	142	195950	9.803	ng	# 86
49) Dimethylphthalate	9.71	163	270613	11.631	ng	99
53) 2,4-Dinitrophenol	10.04	184	109	8.349	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.62	198	1379	9.157	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	15149	2.617	ng	# 1
73) Di-n-butylphthalate	12.04	149	3178	Below Cal	#	39
81) 3,3'-Dichlorobenzidine	14.06	252	408	Below Cal	#	1

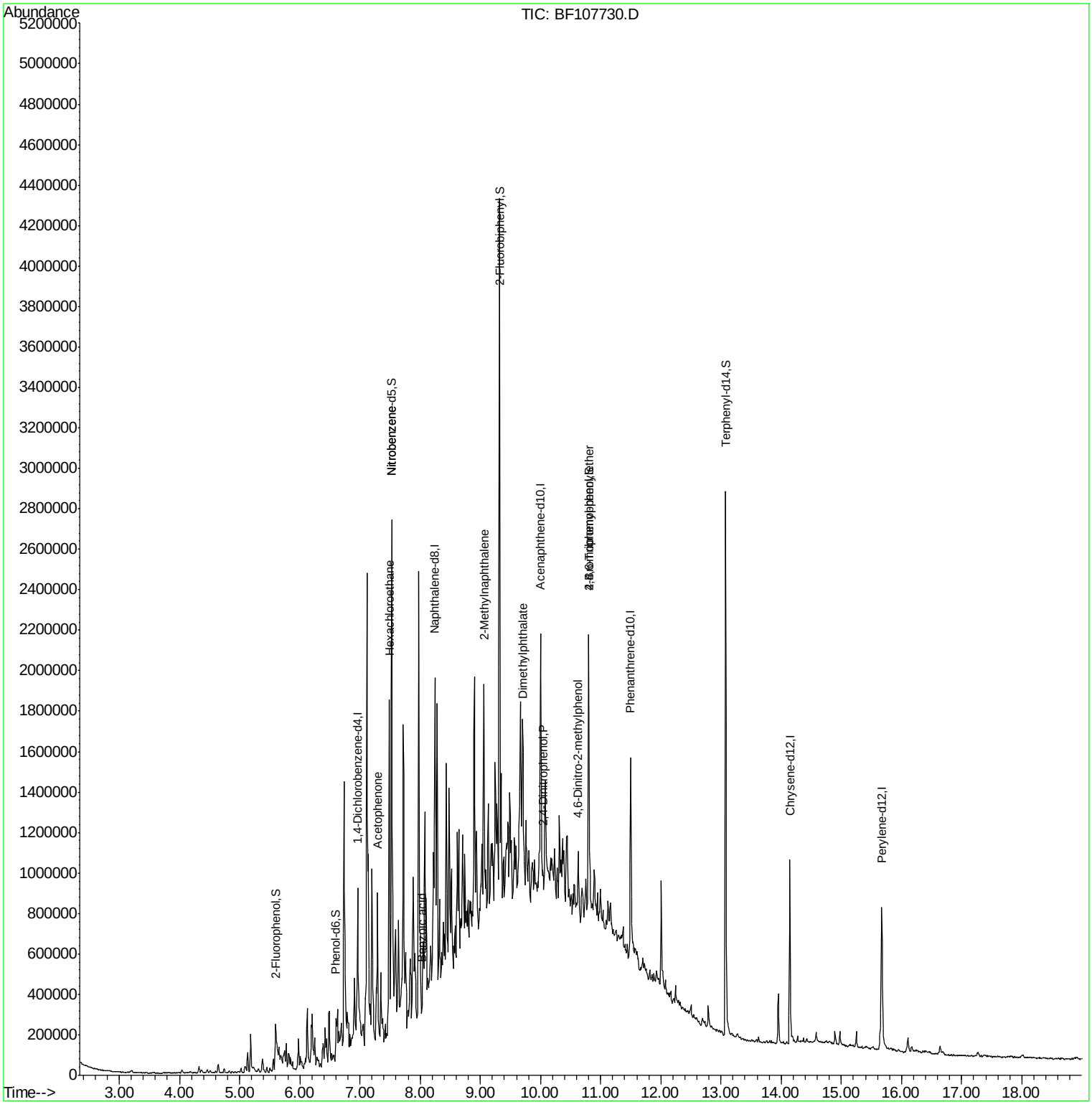
(#) = qualifier out of range (m) = manual integration (+) = signals summed

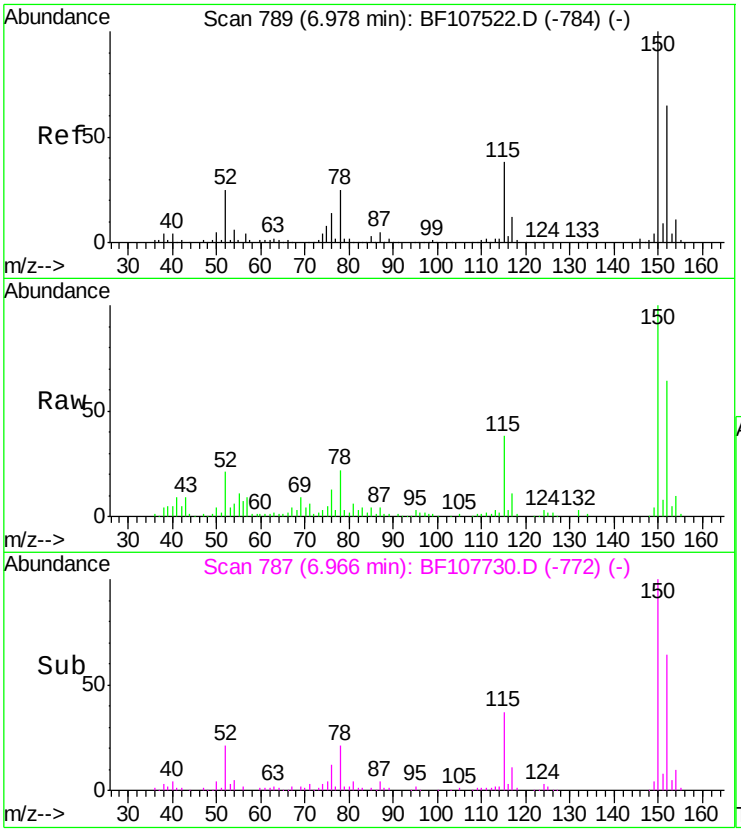
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107730.D
Acq On : 27 Jul 2018 6:24
Operator : JU/SJ
Sample : J4163-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-14B

Quant Time: Jul 27 08:23:27 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



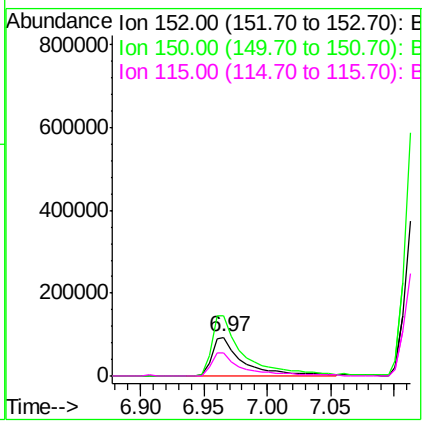


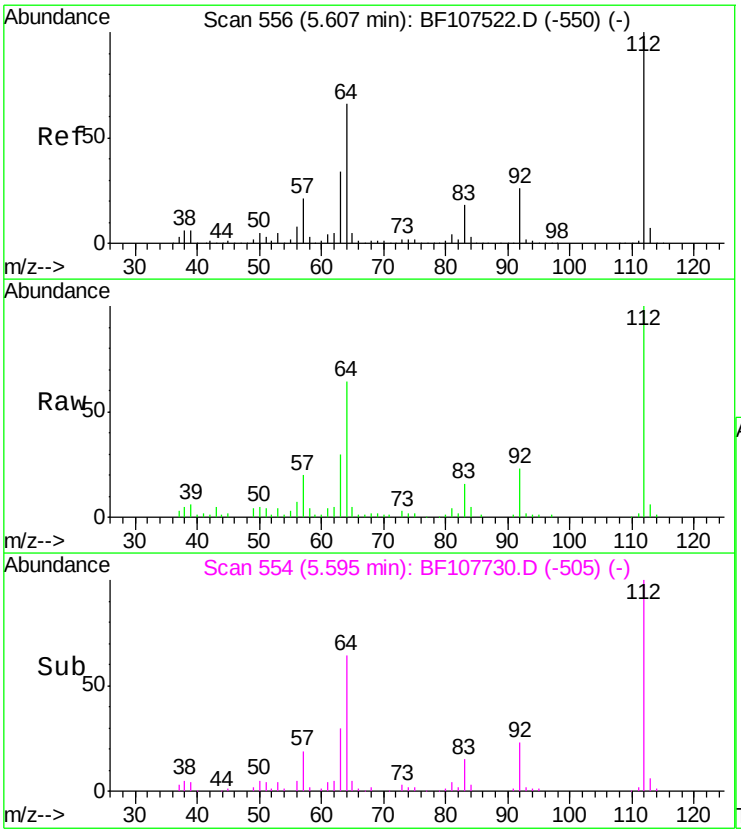
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:152 Resp: 167760

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	58.7	50.1	75.1

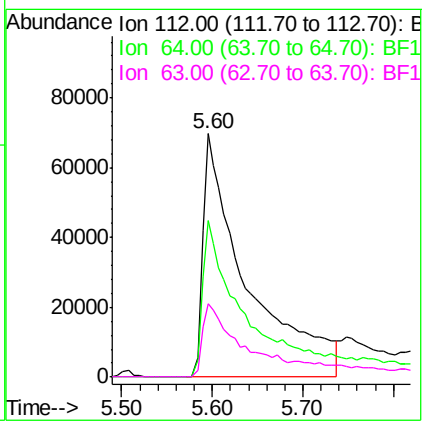


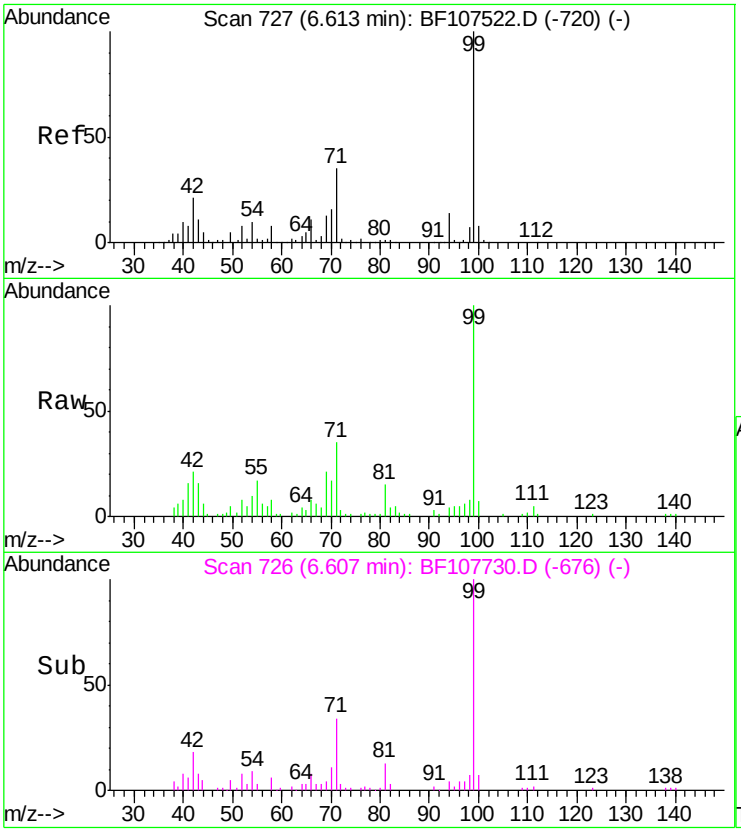


#5
2-Fluorophenol
Concen: 22.534 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:112 Resp: 235121

Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	30.3	23.7	35.5



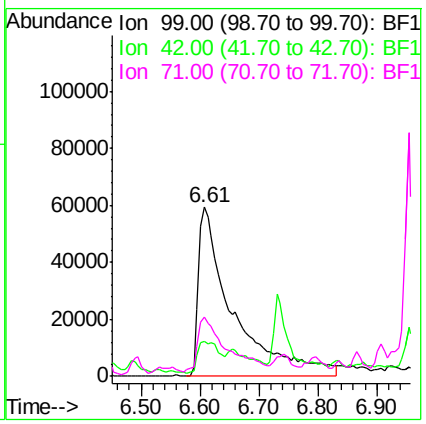


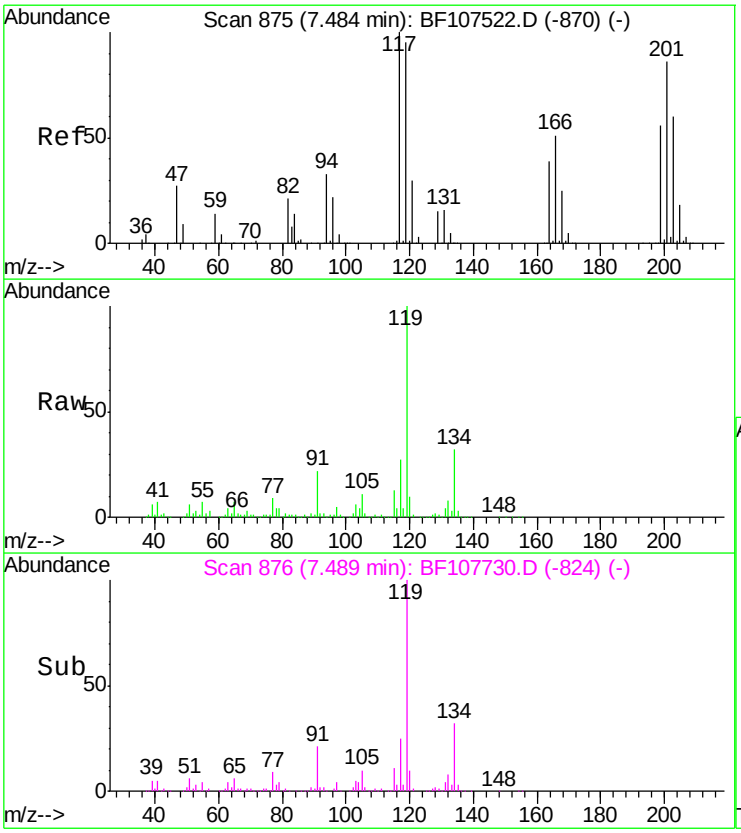
#7
Phenol-d6
Concen: 19.227 ng
RT: 6.61 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion: 99 Resp: 240893

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	34.8	25.4	38.0

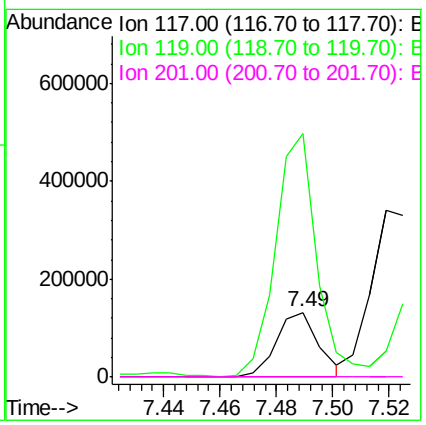


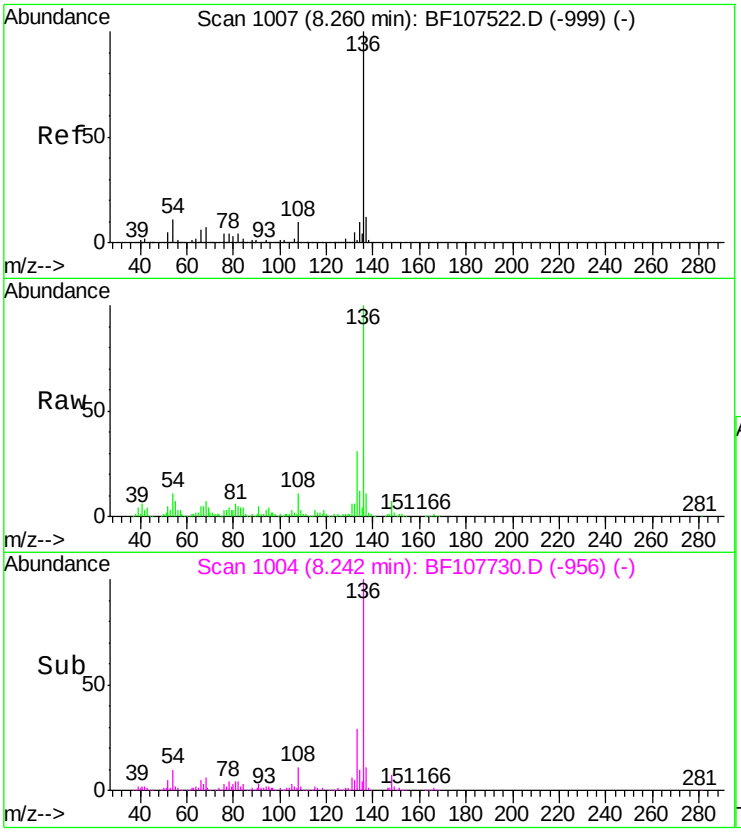


#18
Hexachloroethane
Concen: 29.777 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:117 Resp: 135673

Ion	Ratio	Lower	Upper
117	100		
119	375.9	75.8	113.8#
201	0.0	75.7	113.5#



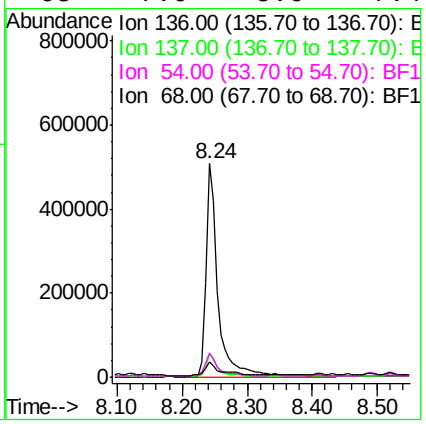


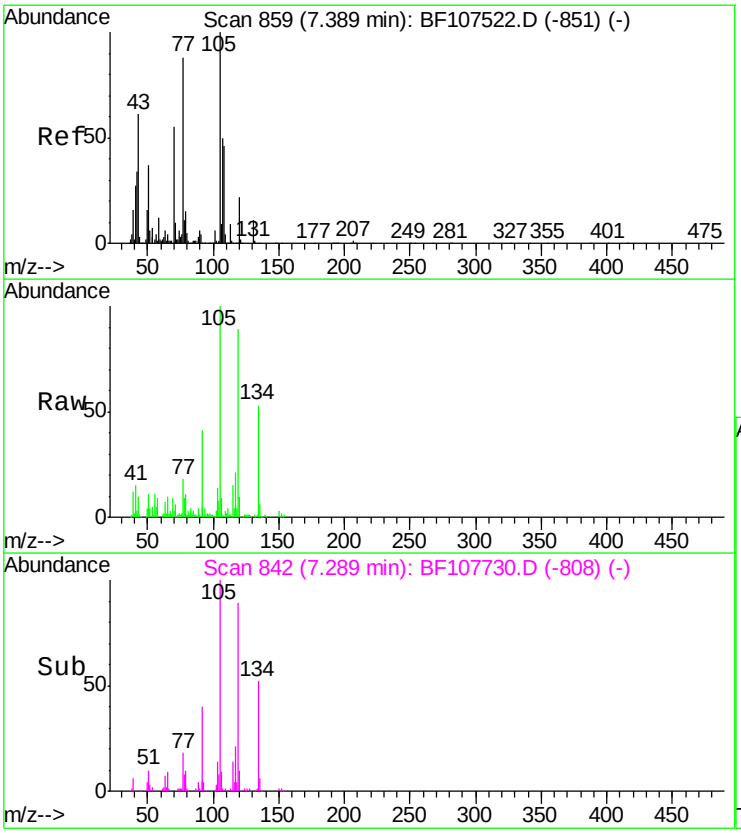
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:136 Resp: 655933

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.2	6.6	9.8#
68	7.0	5.0	7.4

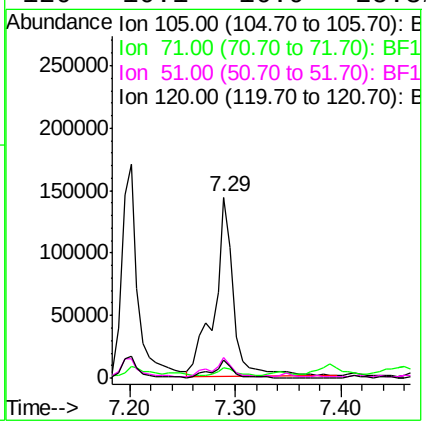


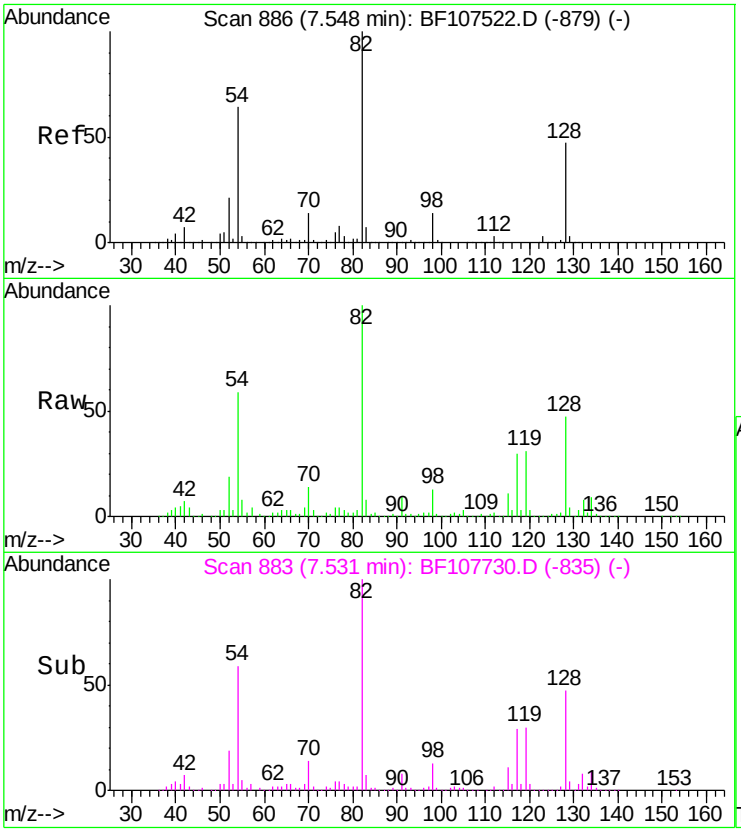


#22
Acetophenone
Concen: 11.858 ng
RT: 7.29 min Scan# 842
Delta R.T. -0.10 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:105 Resp: 182669

Ion	Ratio	Lower	Upper
105	100		
71	5.5	4.4	6.6
51	11.2	22.3	33.5#
120	10.1	16.9	25.3#



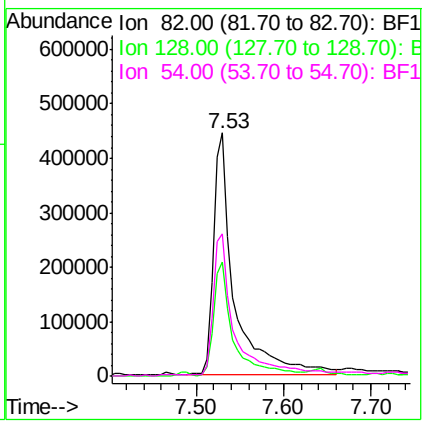


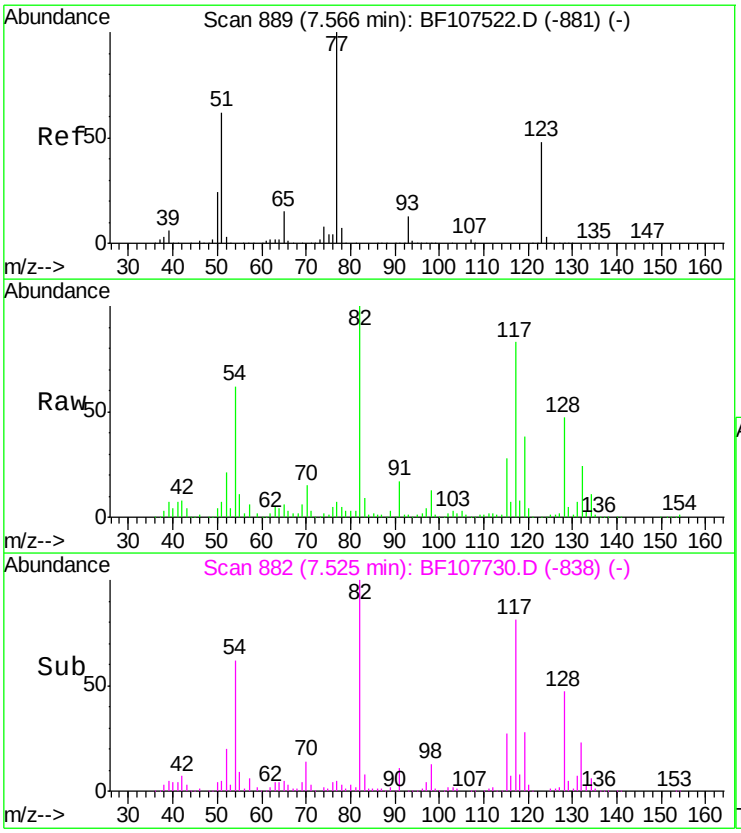
#23
Nitrobenzene-d5
Concen: 74.607 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion: 82 Resp: 725131

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	58.7	41.4	62.2

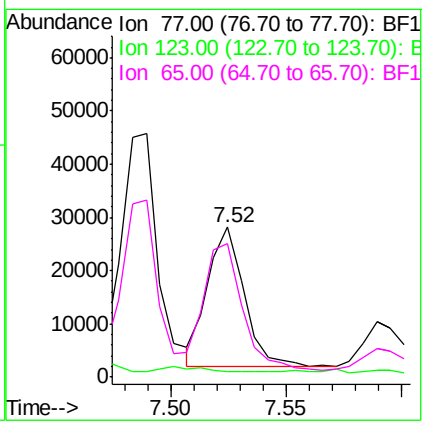


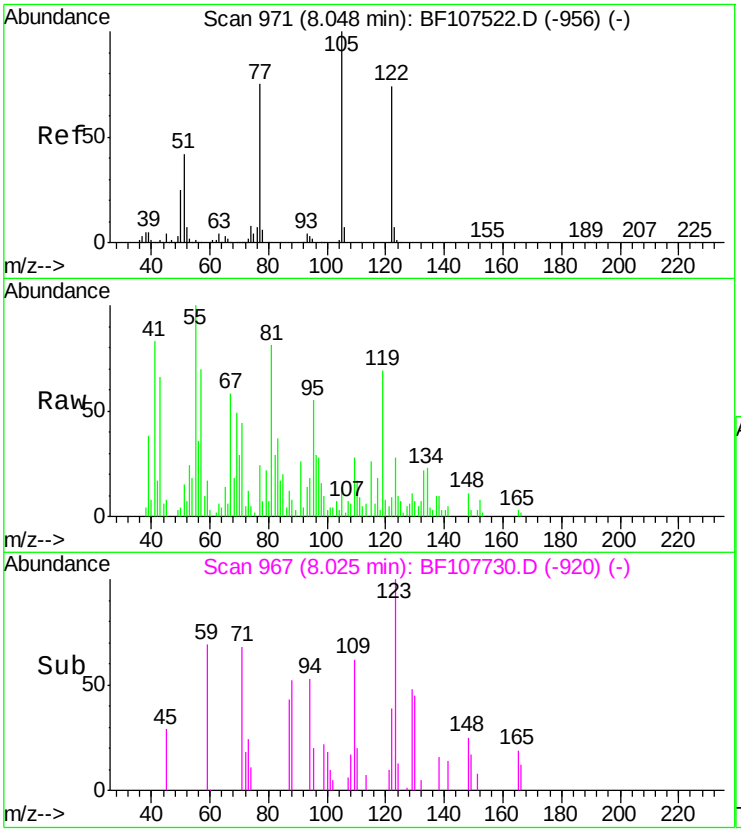


#24
Nitrobenzene
Concen: 2.544 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.04 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion: 77 Resp: 28323

Ion	Ratio	Lower	Upper
77	100		
123	4.1	37.9	56.9#
65	89.3	11.0	16.4#



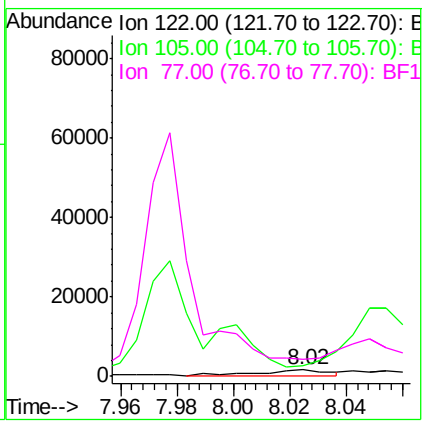


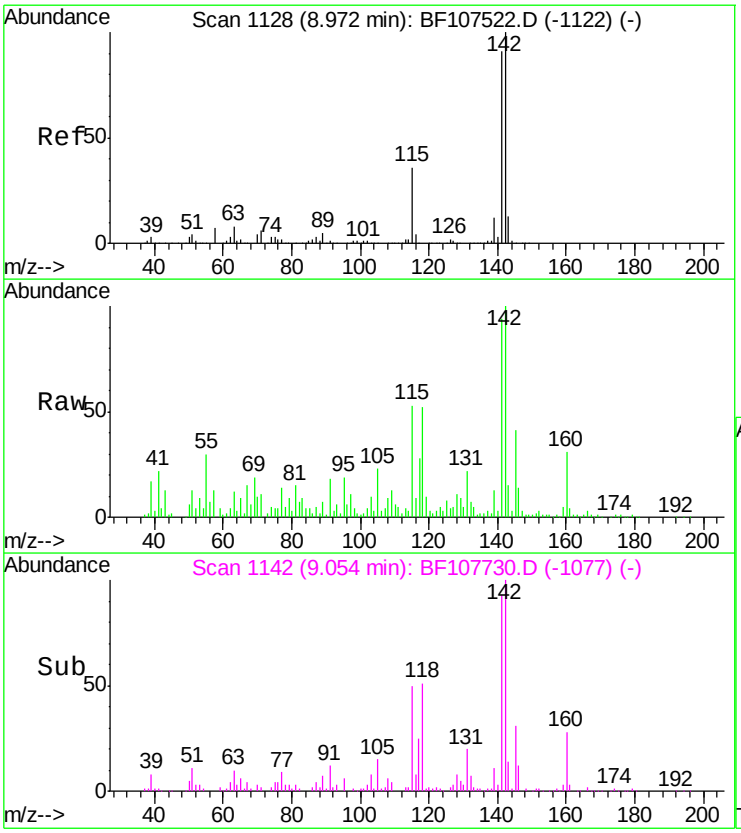
#32
Benzoic acid
Concen: 8.288 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:122 Resp: 2884

Ion	Ratio	Lower	Upper
122	100		
105	162.8	101.1	141.1#
77	274.0	70.7	110.7#

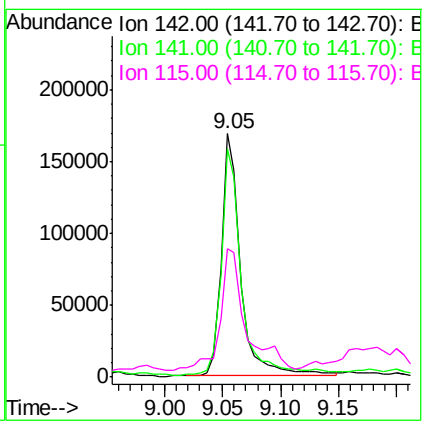


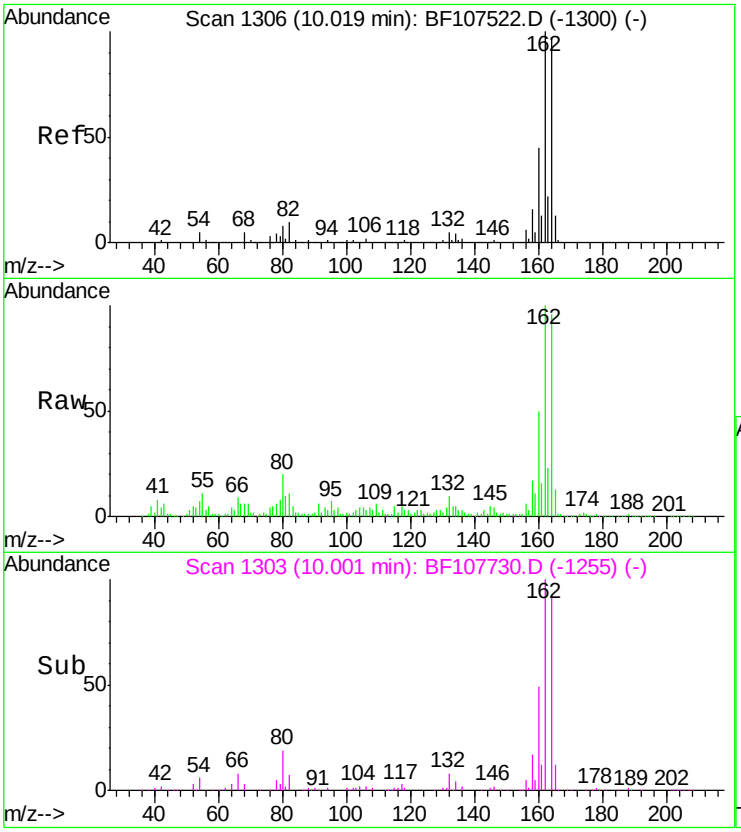


#37
2-Methylnaphthalene
Concen: 9.803 ng
RT: 9.05 min Scan# 1142
Delta R.T. 0.08 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:142 Resp: 195950

Ion	Ratio	Lower	Upper
142	100		
141	93.7	70.8	106.2
115	53.0	26.1	39.1#



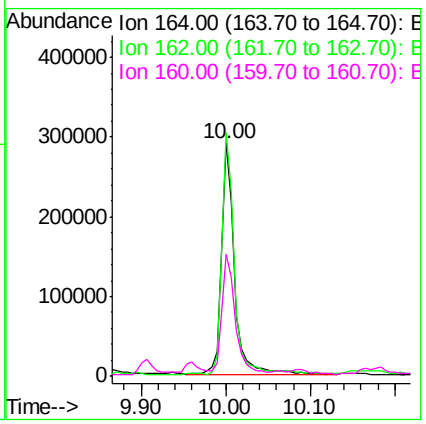


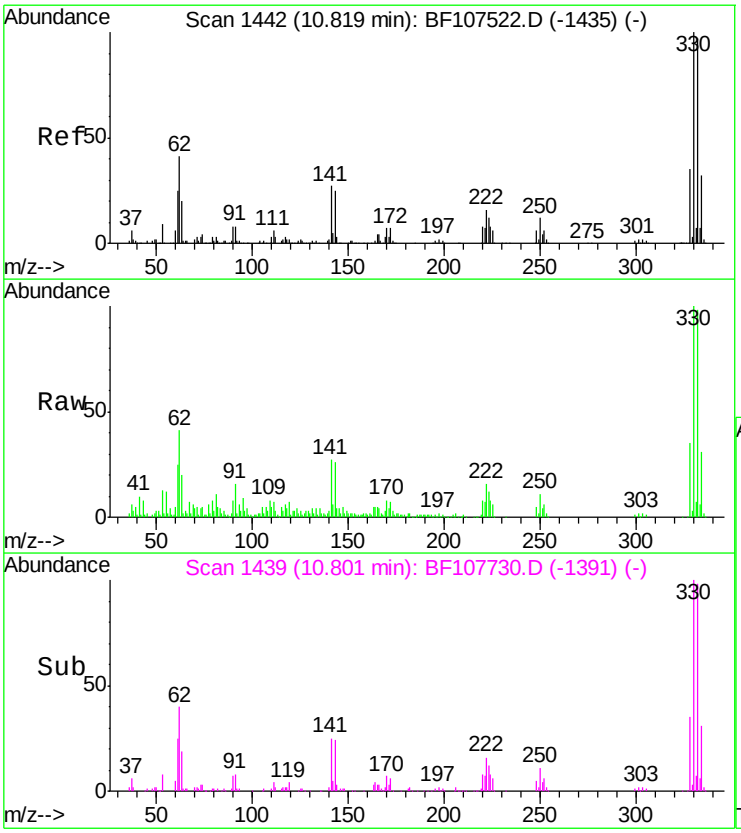
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:164 Resp: 308714

Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	52.4	38.3	57.5

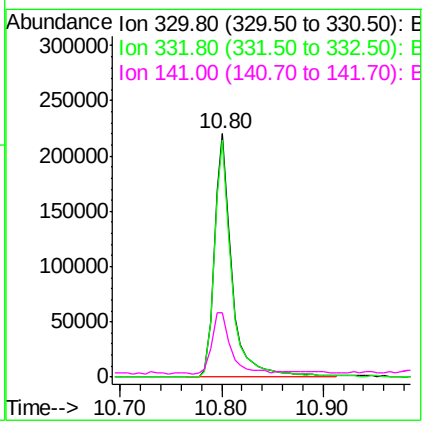


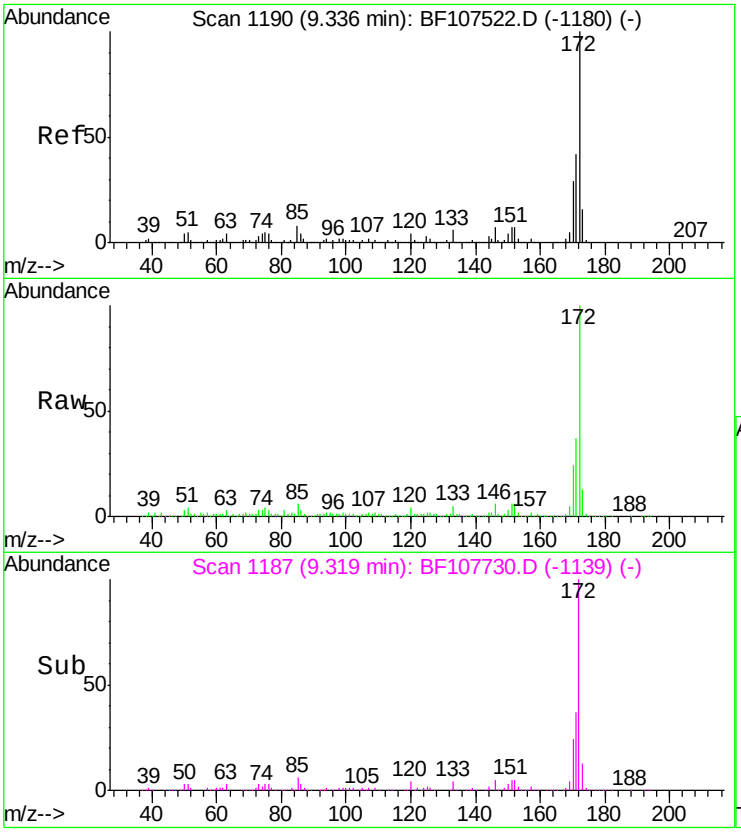


#41
2,4,6-Tribromophenol
Concen: 74.876 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:330 Resp: 262857

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	27.8	29.9	44.9#



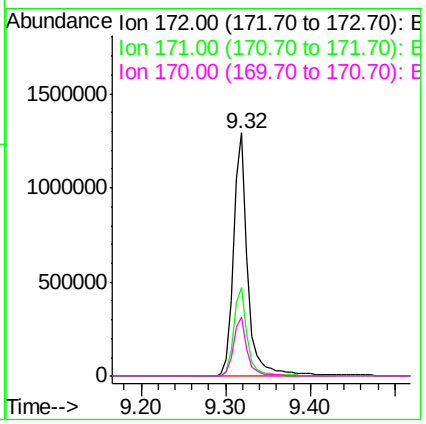


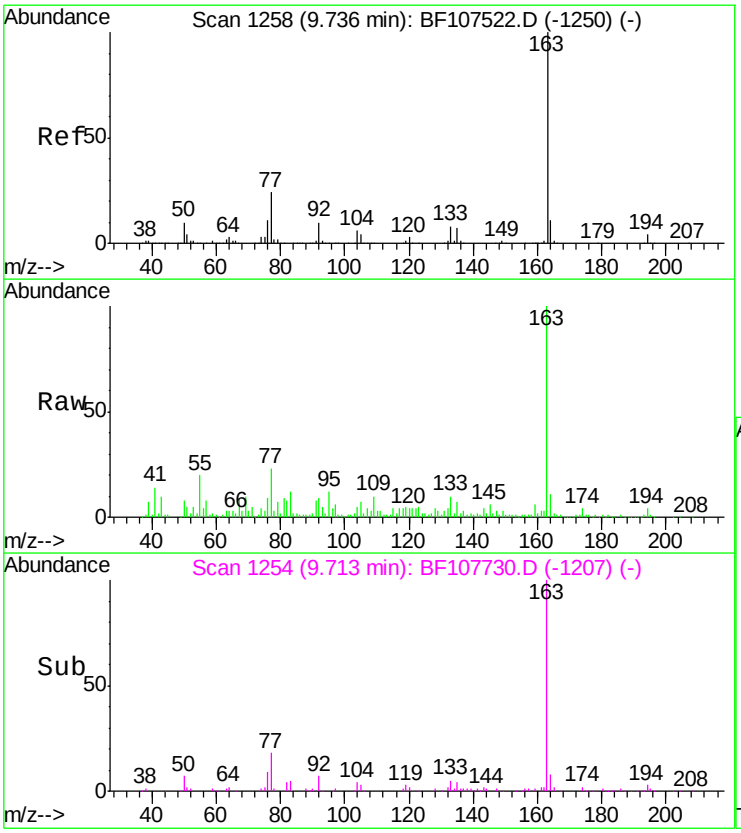
#44
2-Fluorobiphenyl
Concen: 80.600 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:172 Resp: 1473689

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	19.6	29.4

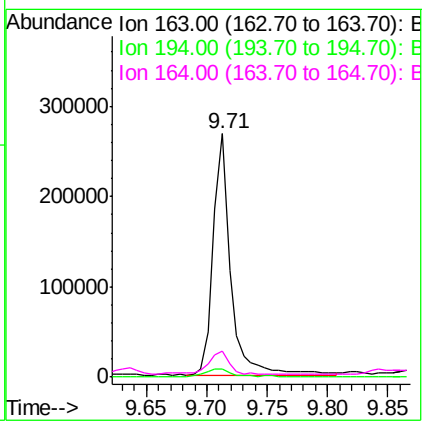


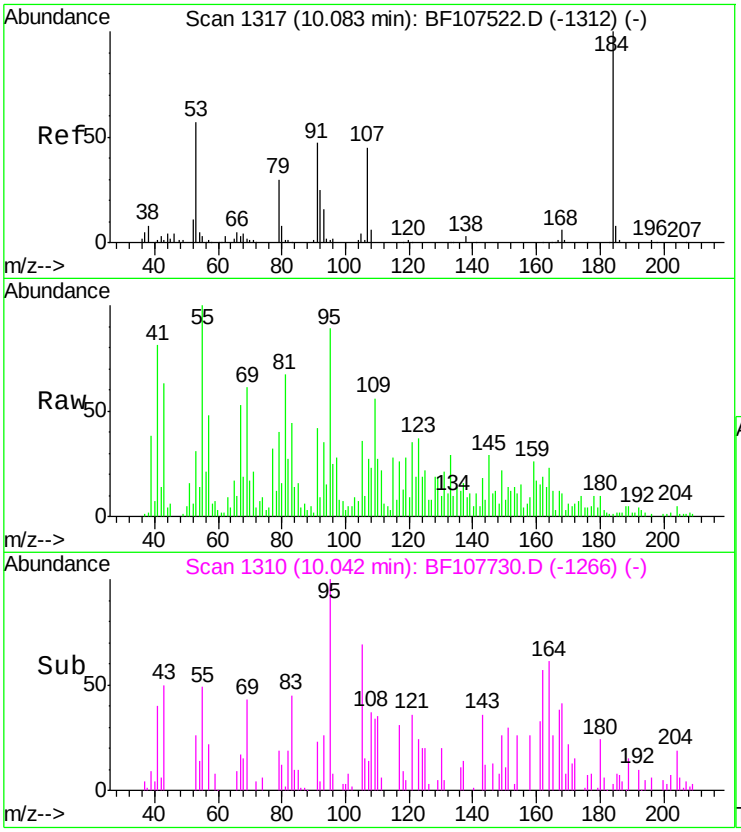


#49
Dimethylphthalate
Concen: 11.631 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:163 Resp: 270613

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.9	8.2	12.2



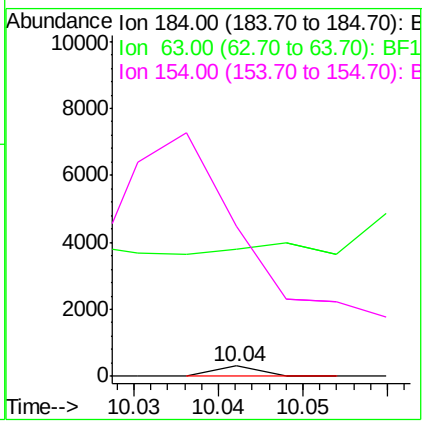


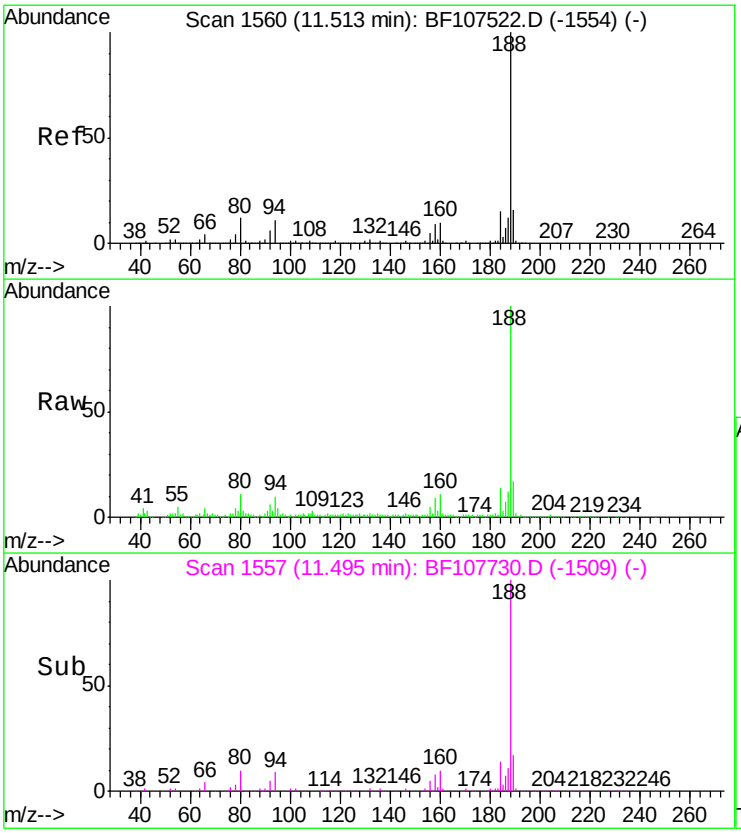
#53
2,4-Dinitrophenol
Concen: 8.349 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.04 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:184 Resp: 109

Ion	Ratio	Lower	Upper
184	100		
63	1219.7	54.2	81.2#
154	1445.2	184.0	276.0#

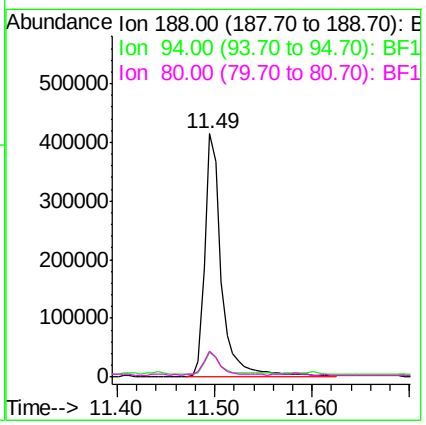


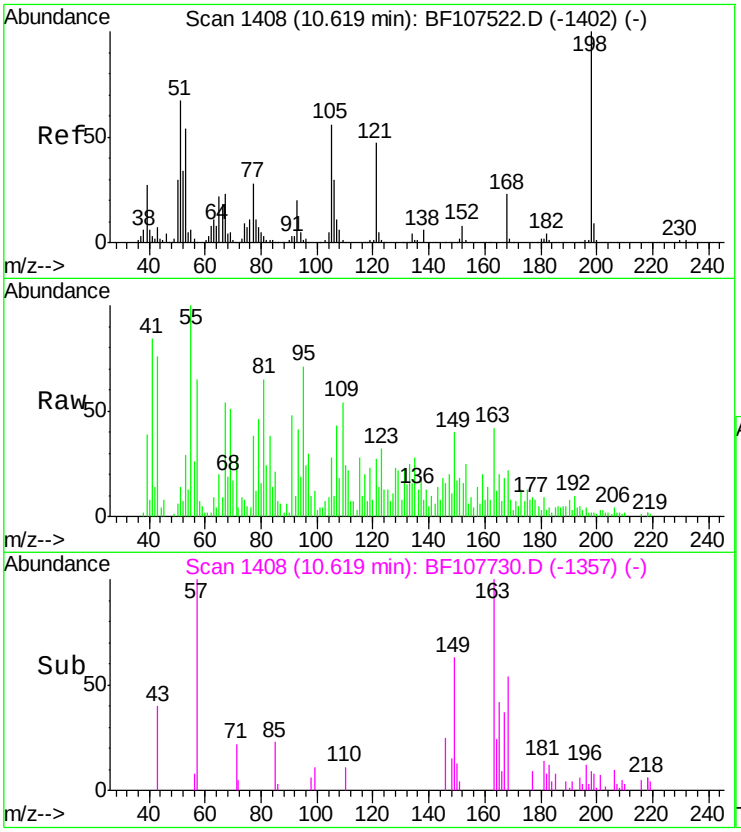


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:188 Resp: 491789

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.5	9.2	13.8



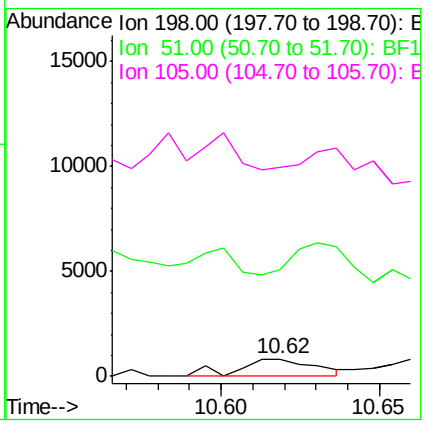


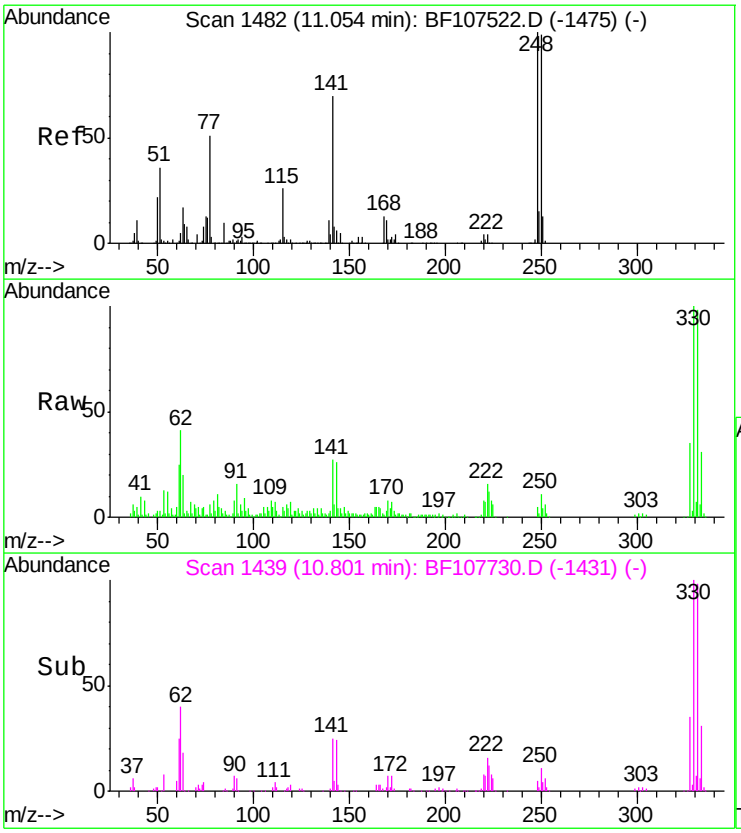
#64
4,6-Dinitro-2-methylphenol
Concen: 9.157 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:198 Resp: 1379

Ion	Ratio	Lower	Upper
198	100		
51	603.3	37.7	77.7#
105	1184.5	36.3	76.3#

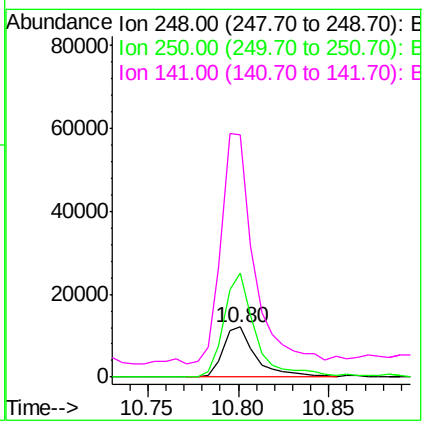


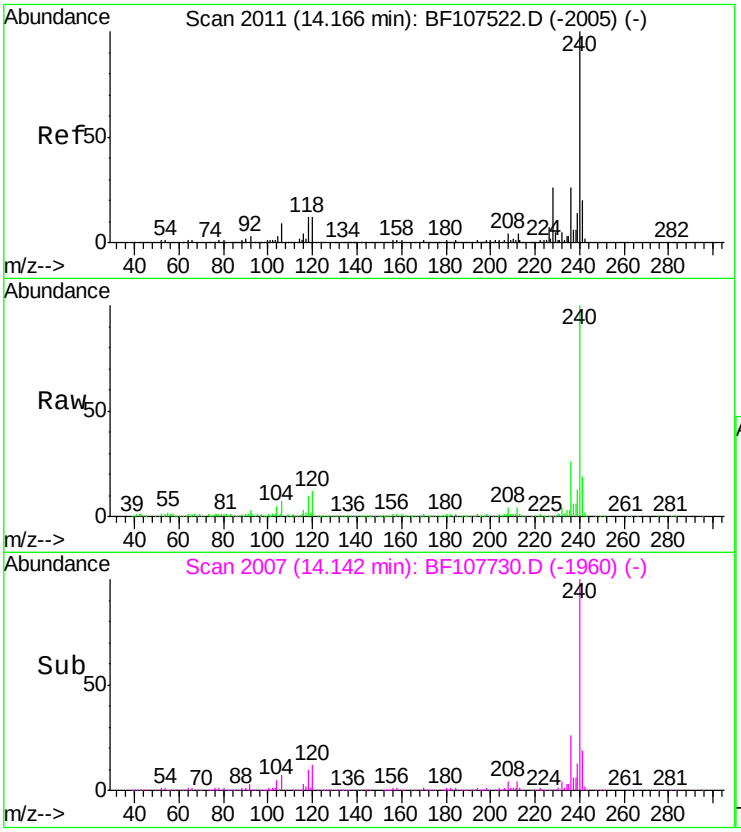


#66
4-Bromophenyl-phenylether
Concen: 2.617 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.25 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:248 Resp: 15149

Ion	Ratio	Lower	Upper
248	100		
250	207.7	76.9	115.3#
141	486.9	74.4	111.6#



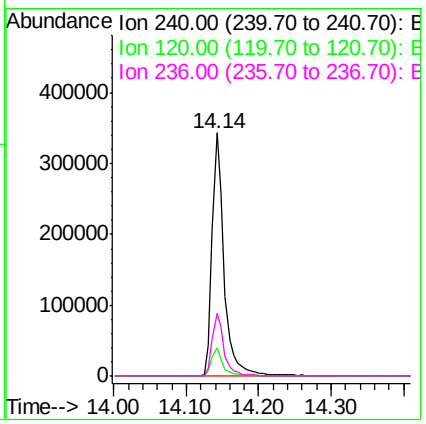


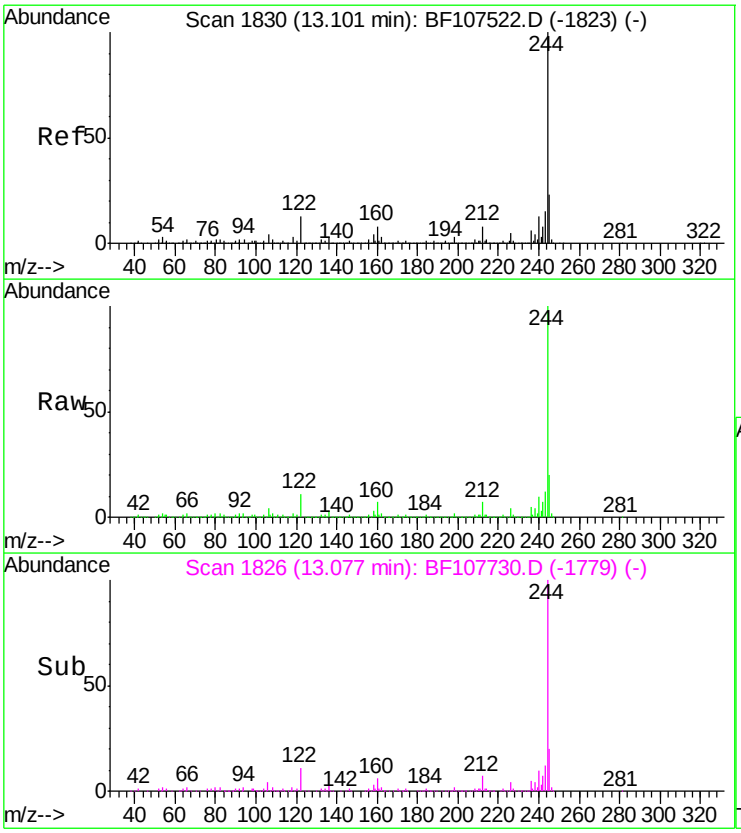
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:240 Resp: 400840

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	25.7	20.7	31.1

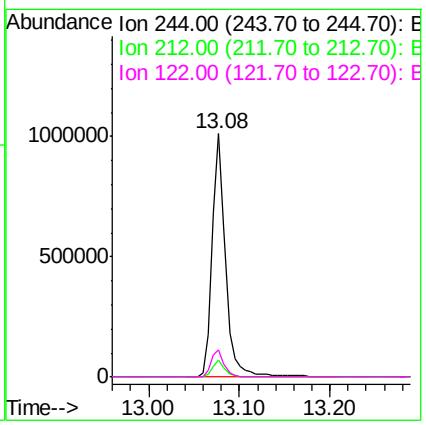


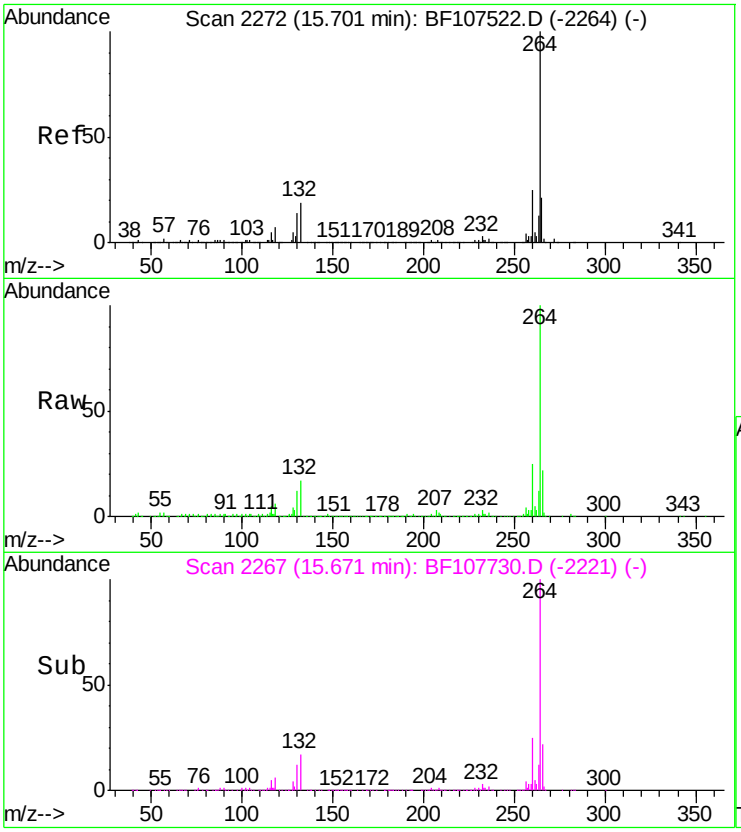


#78
Terphenyl-d14
Concen: 66.915 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Tgt Ion:244 Resp: 1047705

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF107730.D
Acq: 27 Jul 2018 6:24

Instrument :
BNA_F
ClientSampleId :
MW-14B

Tgt Ion:264 Resp: 429646

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.0	17.5	26.3