Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
Data File : BF107696.D
Acq On : 26 Jul 2018 9:57
Operator : JU/SJ
Sample : J4138-01DL 20X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTEDL

Quant Time: Jul 26 12:22:16 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	146752	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	555552	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	223663	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	393133	20.00	ng		0.00
75) Chrysene-d12	14.15	240	345096	20.00	ng		-0.01
86) Perylene-d12	15.68	264	275885	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	46560	5.10	ng		0.00
7) Phenol-d6	6.60	99	73393	6.70	ng		-0.01
23) Nitrobenzene-d5	7.53	82	25090	3.05	ng		-0.02
41) 2,4,6-Tribromophenol	10.81	330	16109	6.33	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	98761	1.94	ng		-0.01
78) Terphenyl-d14	13.08	244	94092	6.98	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	10531	Below Cal		#	1
18) Hexachloroethane	7.45	117	12926	3.243	ng	#	1
22) Acetophenone	7.35	105	169240	12.971	ng	#	61
31) Naphthalene	8.27	128	441084	18.055	ng		98
32) Benzoic acid	8.03	122	3783	8.500	ng	#	1
37) 2-Methylnaphthalene	8.97	142	1154600	68.203	ng		97
45) 1,1'-Biphenyl	9.43	154	79278	4.069	ng		96
51) Acenaphthene	10.04	154	68721	4.903	ng	#	77
53) 2,4-Dinitrophenol	10.15	184	363	8.599	ng	#	1
55) 4-Nitrophenol	10.15	139	7250	2.378	ng	#	43
56) 2,4-Dinitrotoluene	10.21	165	22781	5.639	ng	#	49
57) Fluorene	10.56	166	108019	7.337	ng	#	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	1571	9.359	ng	#	1
65) n-Nitrosodiphenylamine	10.67	169	161623	12.105	ng	#	46
70) Phenanthrene	11.53	178	378996	19.783	ng		97
71) Anthracene	11.53	178	372562	19.315	ng		97
73) Di-n-butylphthalate	12.04	149	6048	Below Cal		#	1
77) Pyrene	12.95	202	72167	3.057	ng	#	89
81) 3,3'-Dichlorobenzidine	14.11	252	112	Below Cal		#	1

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

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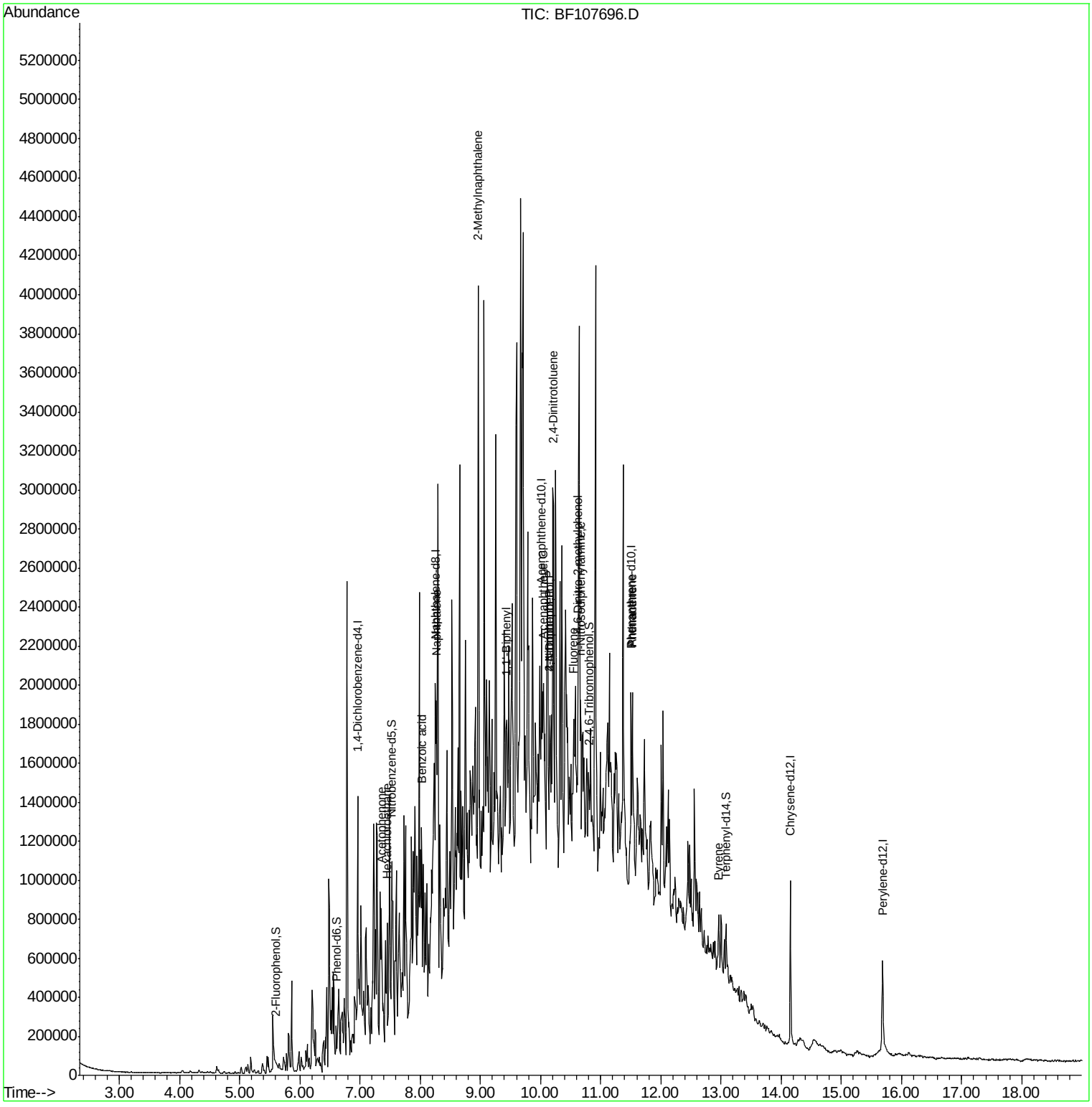
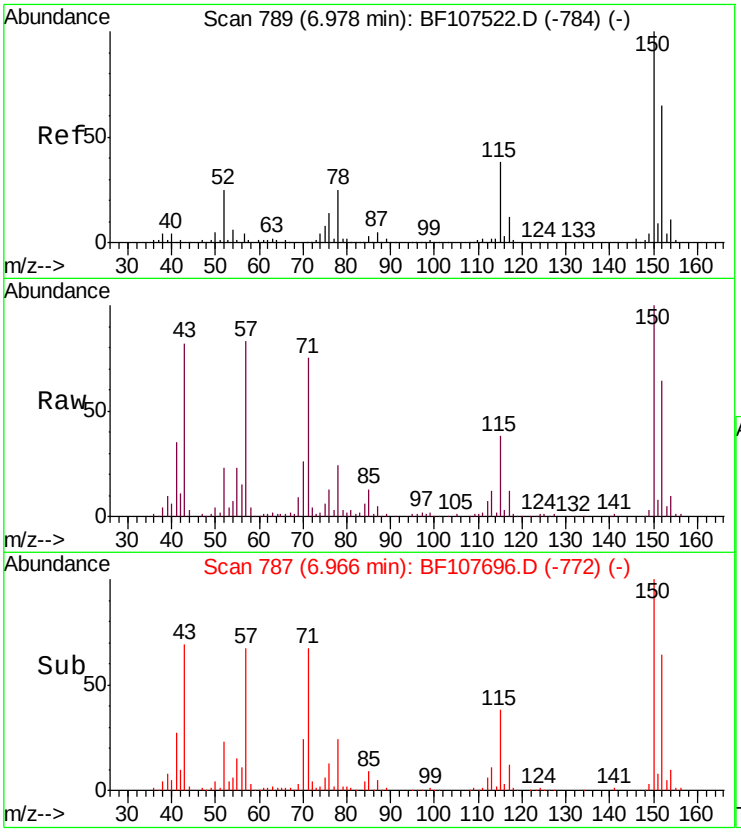


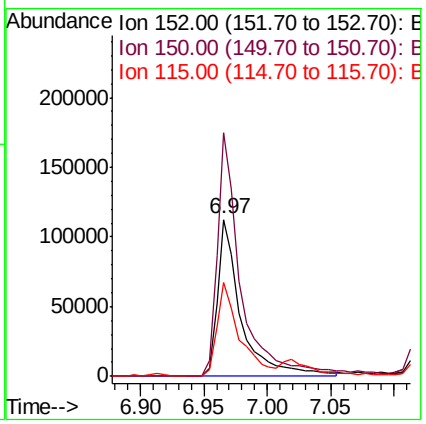


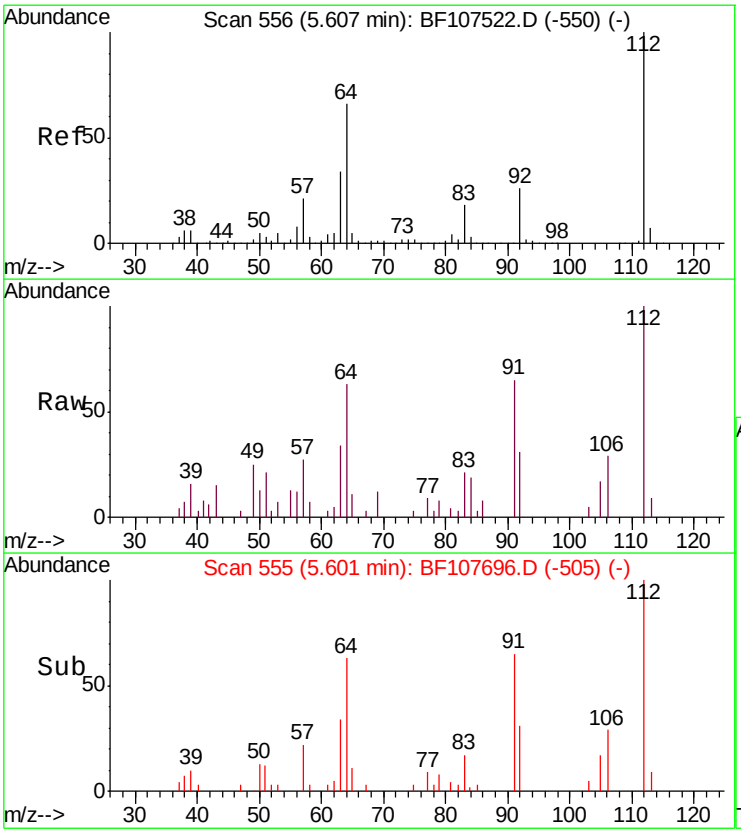
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:152 Resp: 146752

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.5	50.1	75.1

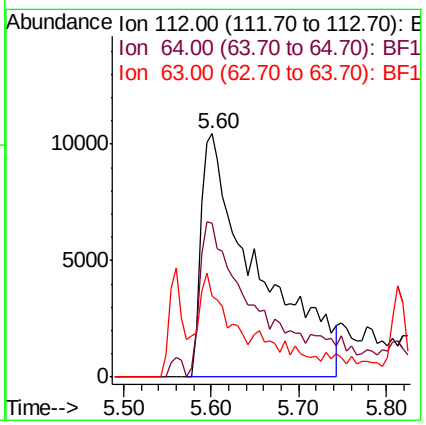


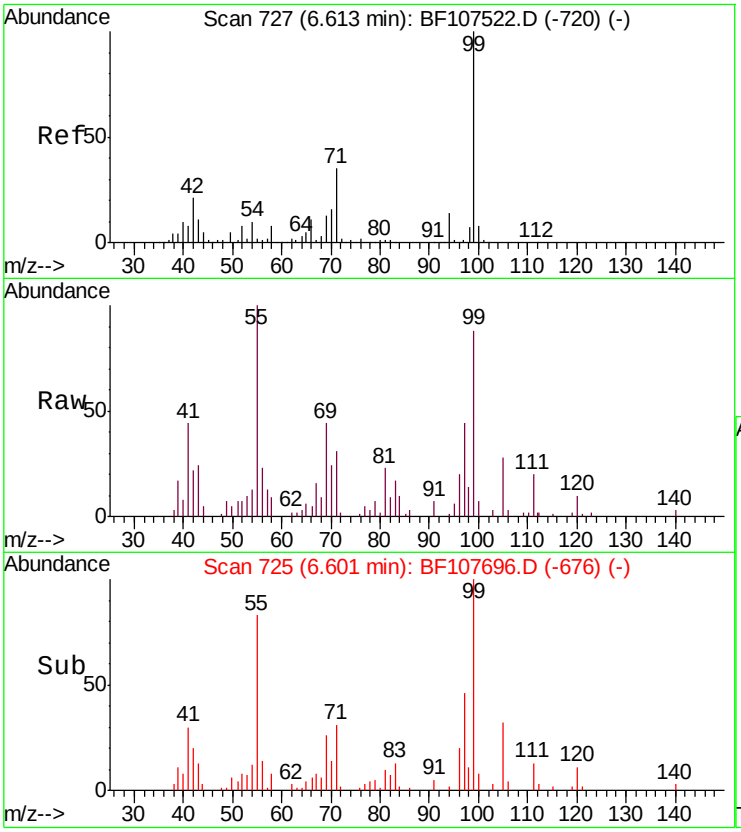


#5
2-Fluorophenol
Concen: 5.101 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:112 Resp: 46560

Ion	Ratio	Lower	Upper
112	100		
64	63.3	47.9	71.9
63	33.5	23.7	35.5



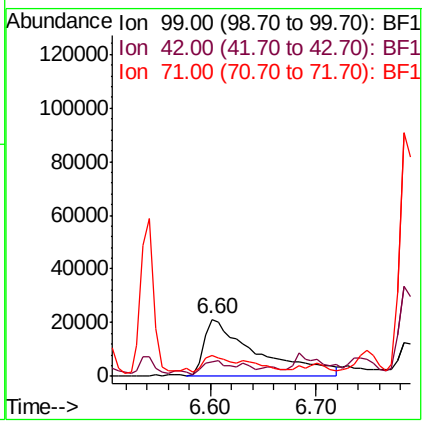


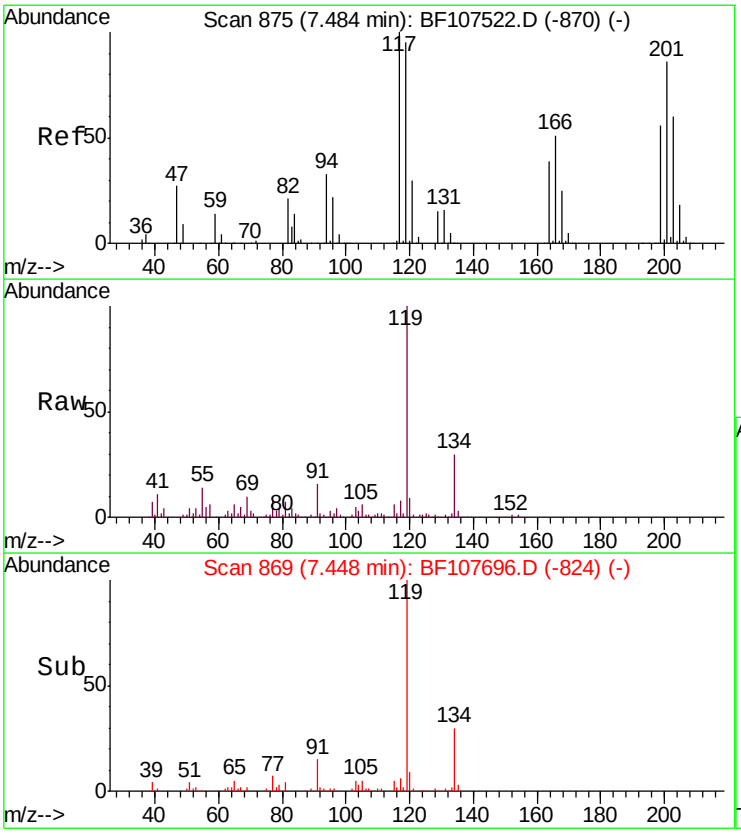
#7
Phenol-d6
Concen: 6.697 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion: 99 Resp: 73393

Ion	Ratio	Lower	Upper
99	100		
42	25.6	14.5	21.7#
71	35.5	25.4	38.0

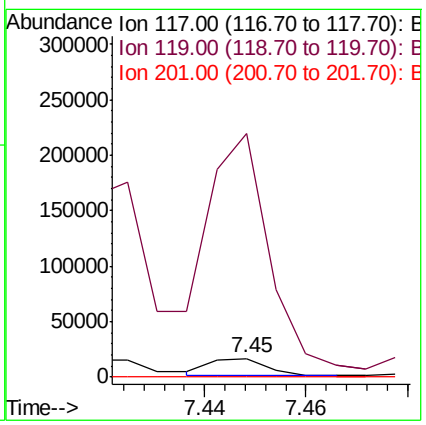


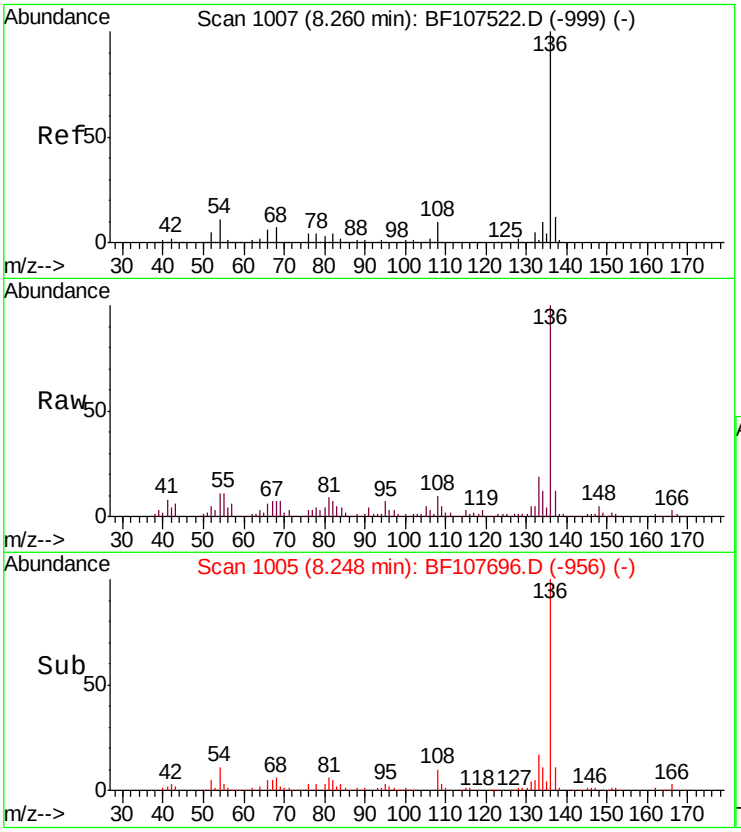


#18
Hexachloroethane
Concen: 3.243 ng
RT: 7.45 min Scan# 869
Delta R.T. -0.04 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:117 Resp: 12926

Ion	Ratio	Lower	Upper
117	100		
119	1289.8	75.8	113.8#
201	0.0	75.7	113.5#



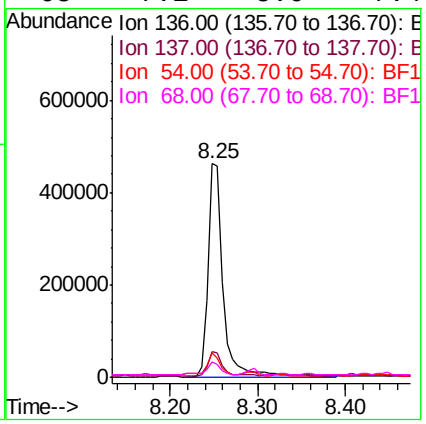


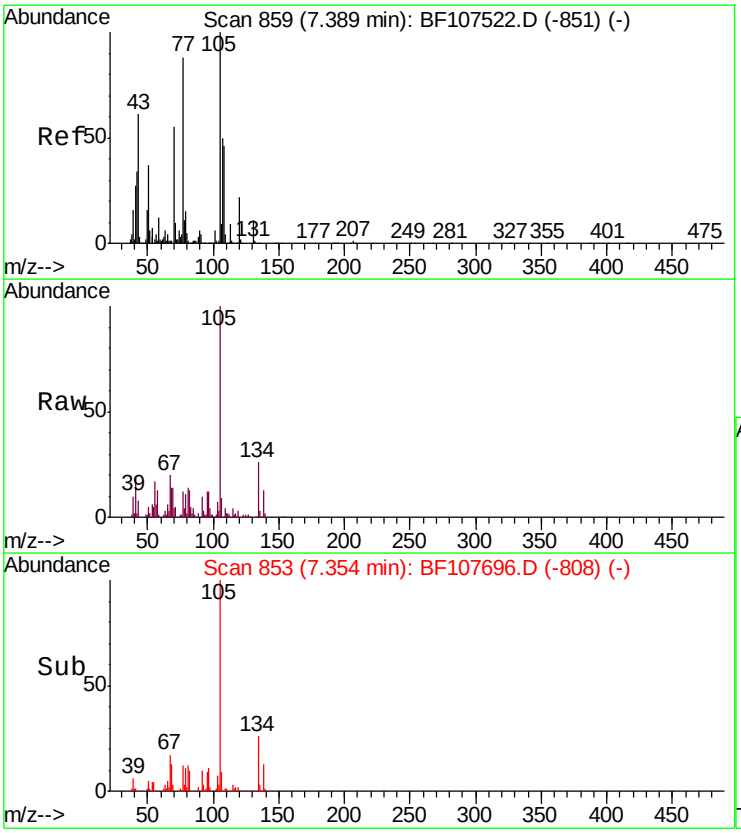
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:136 Resp: 555552

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.2	6.6	9.8#
68	7.1	5.0	7.4

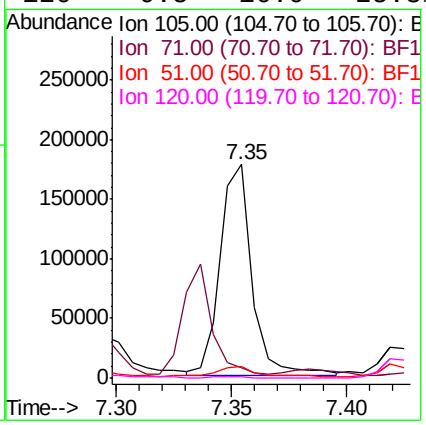


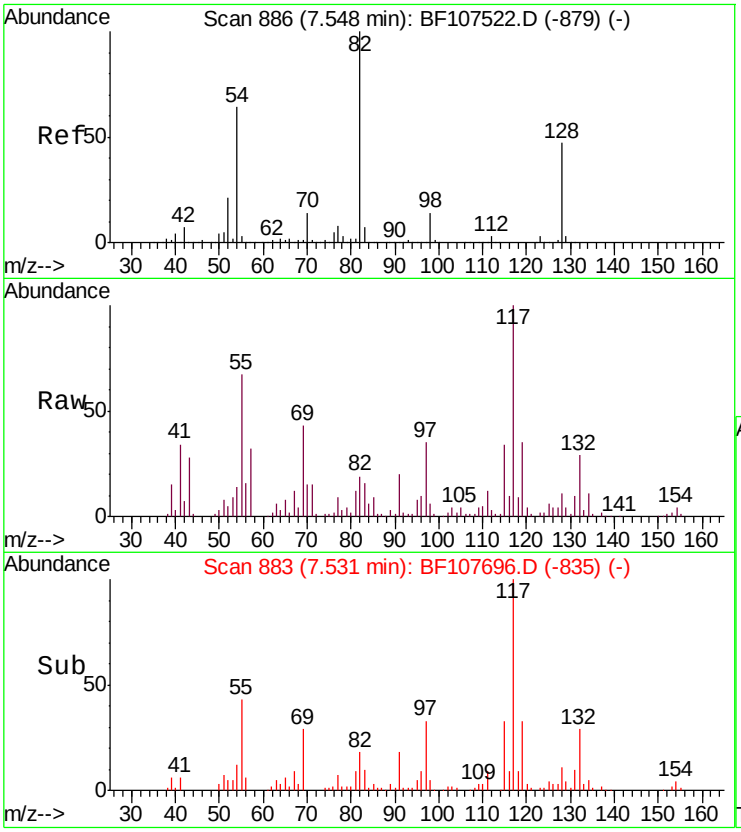


#22
Acetophenone
Concen: 12.971 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.04 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:105 Resp: 169240

Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	5.4	22.3	33.5#
120	0.5	16.9	25.3#



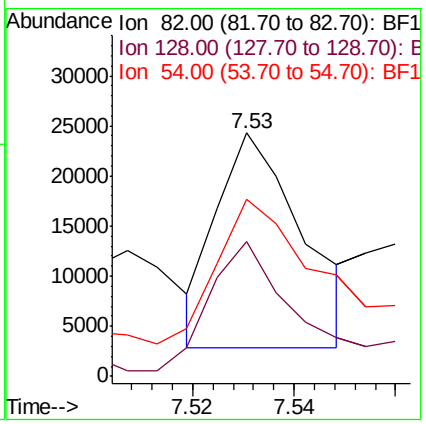


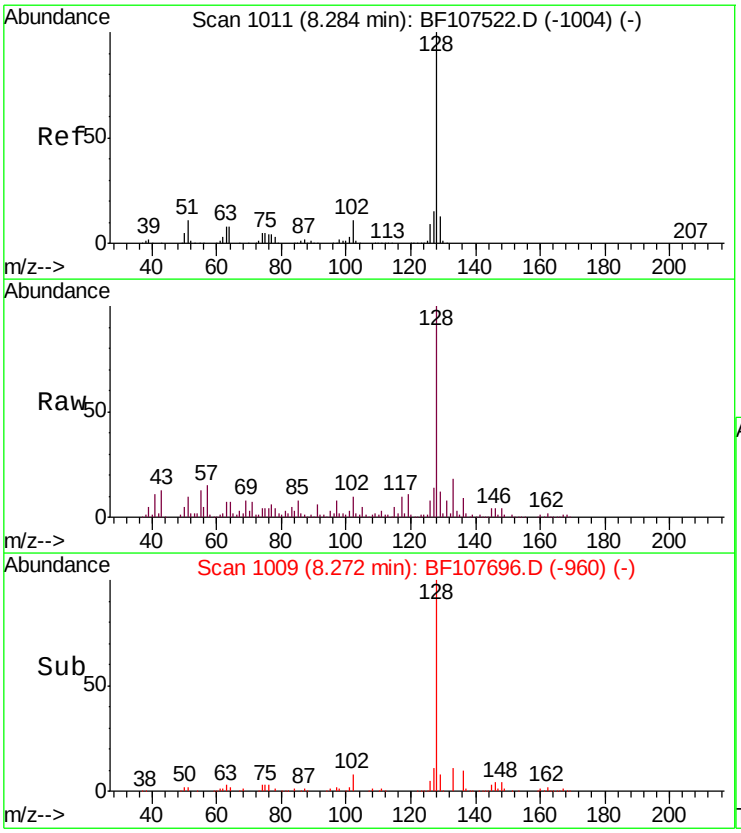
#23
Nitrobenzene-d5
Concen: 3.048 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion: 82 Resp: 25090

Ion	Ratio	Lower	Upper
82	100		
128	55.4	36.1	54.1#
54	72.6	41.4	62.2#

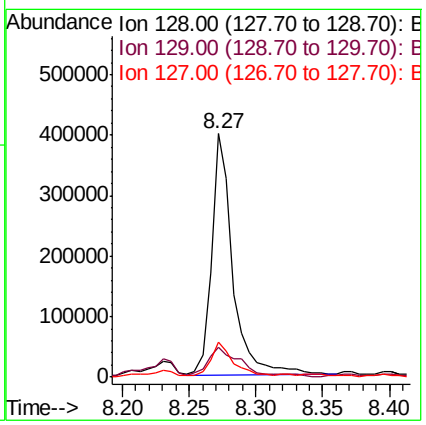


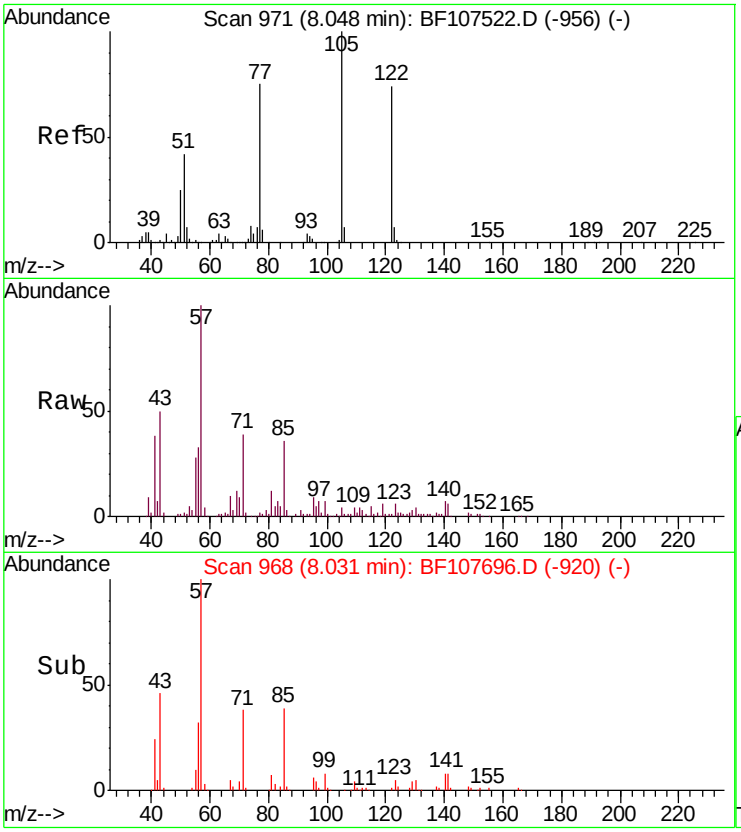


#31
Naphthalene
Concen: 18.055 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:128 Resp: 441084

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.2	10.9	16.3



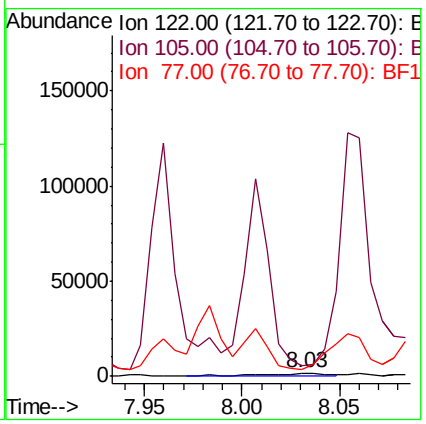


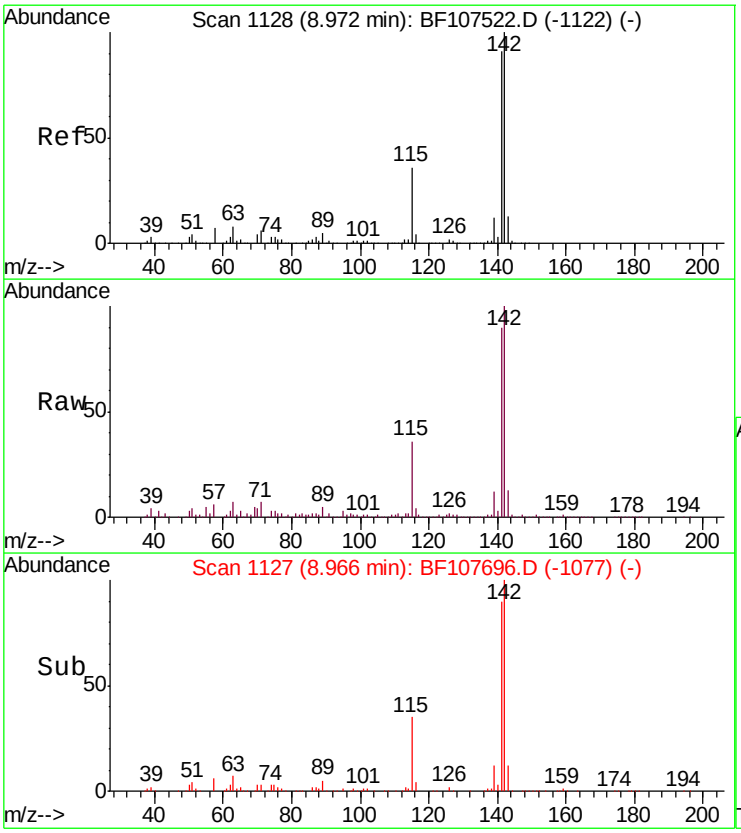
#32
Benzoic acid
Concen: 8.500 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:122 Resp: 3783

Ion	Ratio	Lower	Upper
122	100		
105	330.3	101.1	141.1#
77	207.3	70.7	110.7#

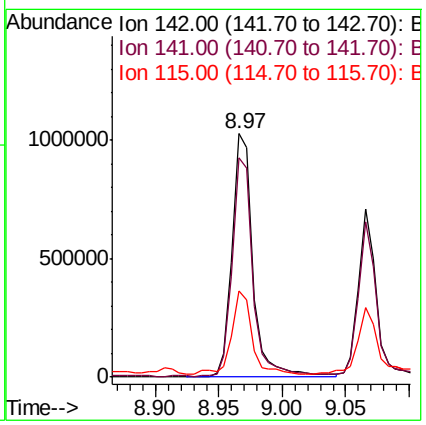


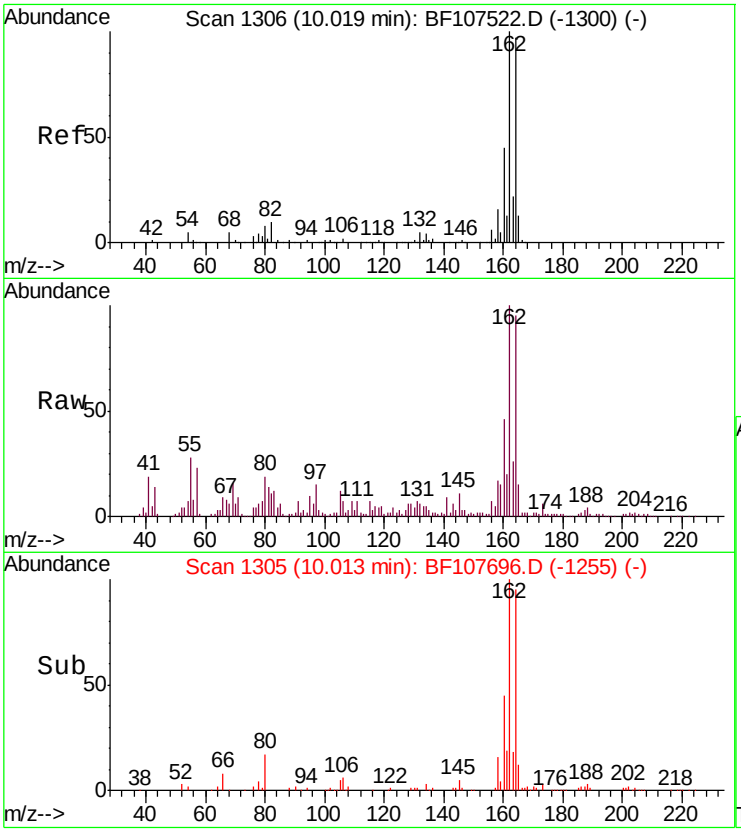


#37
2-Methylnaphthalene
Concen: 68.203 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:142 Resp: 1154600

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.5	26.1	39.1



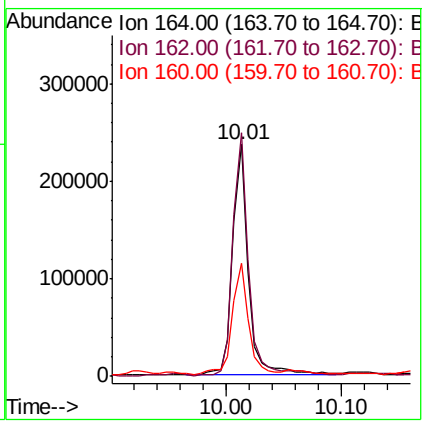


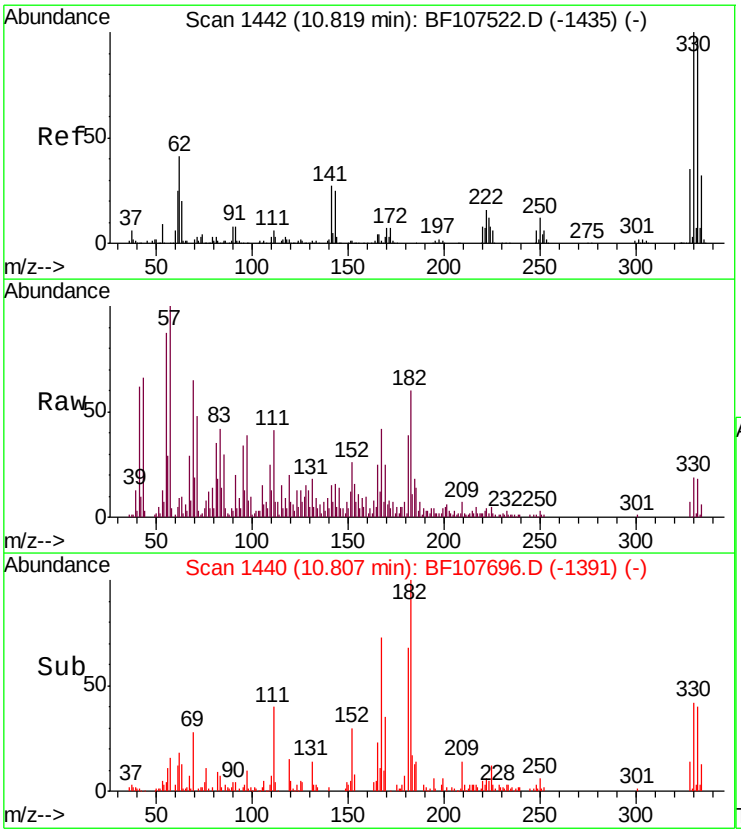
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:164 Resp: 223663

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	48.6	38.3	57.5

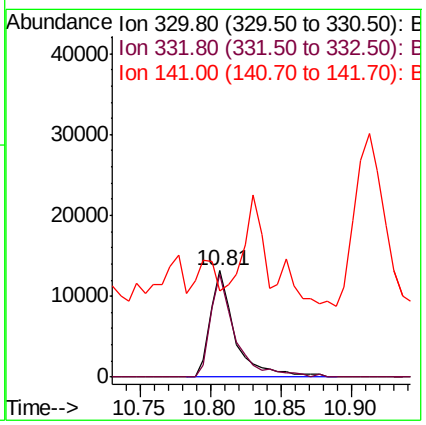


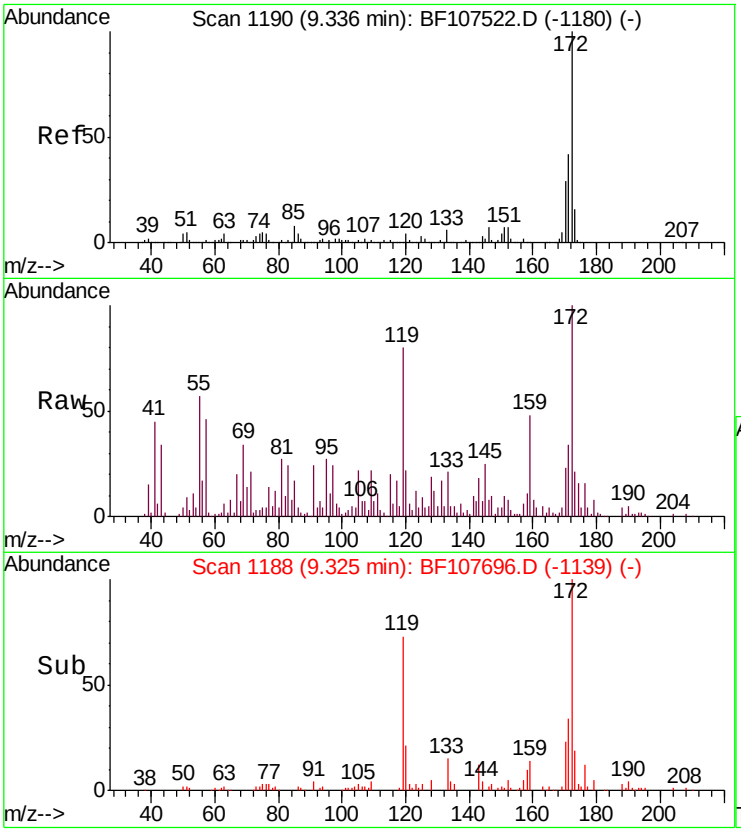


#41
2,4,6-Tribromophenol
Concen: 6.334 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:330 Resp: 16109

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	22.3	29.9	44.9#



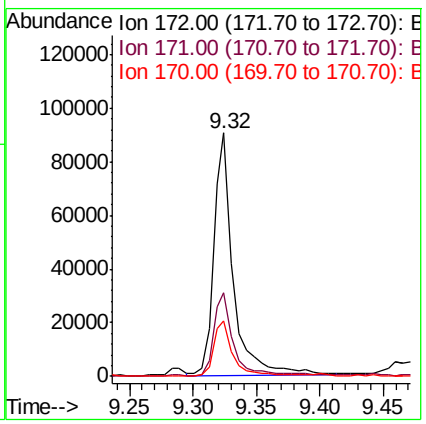


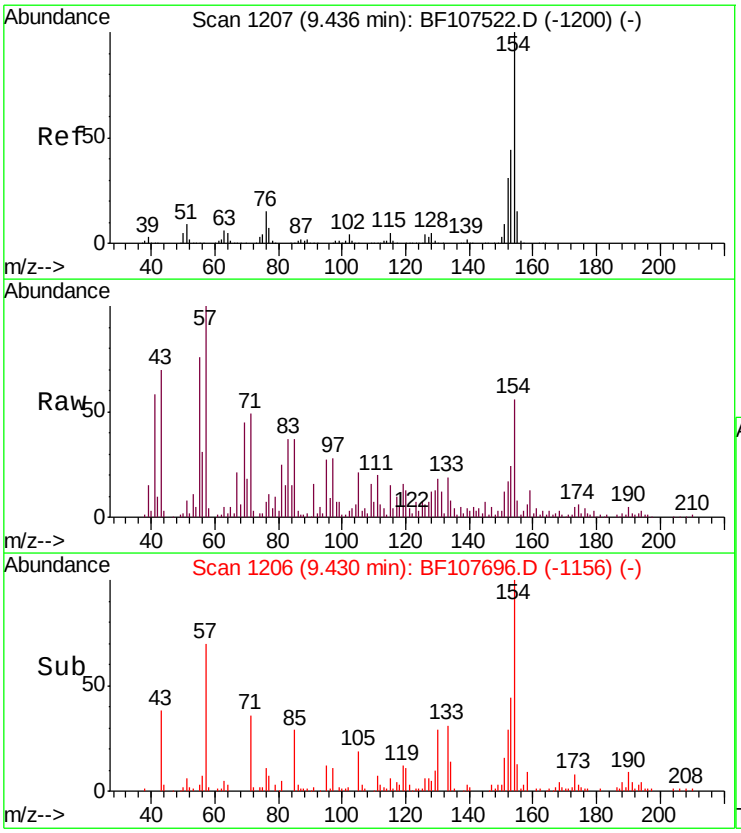
#44
2-Fluorobiphenyl
Concen: 1.941 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:172 Resp: 98761

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.7	44.5
170	22.6	19.6	29.4

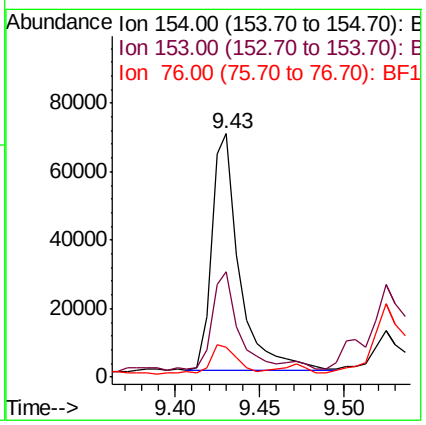


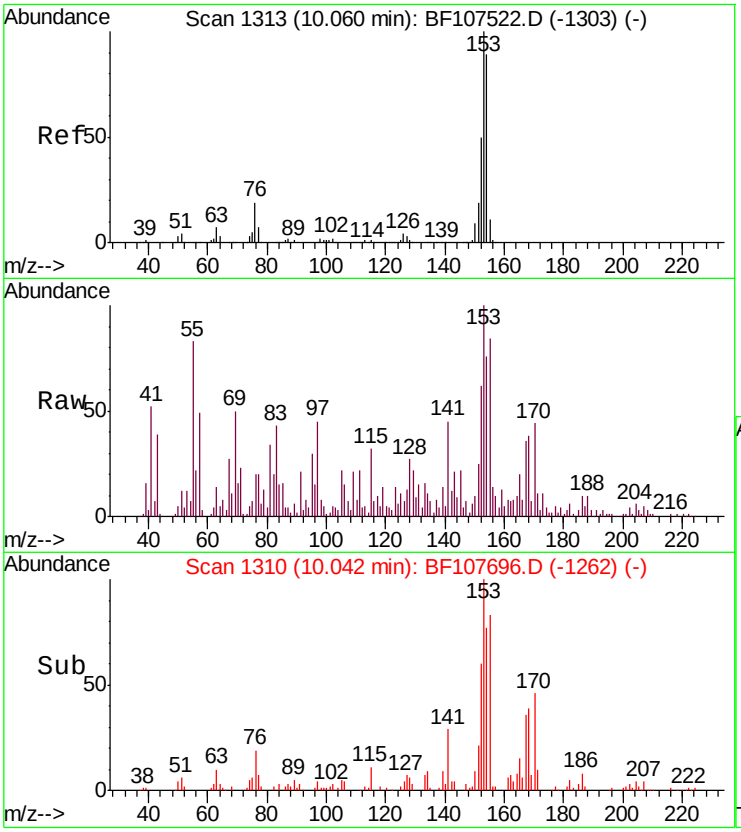


#45
1,1'-Biphenyl
Concen: 4.069 ng
RT: 9.43 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:154 Resp: 79278

Ion	Ratio	Lower	Upper
154	100		
153	43.4	21.3	61.3
76	12.2	0.0	34.0



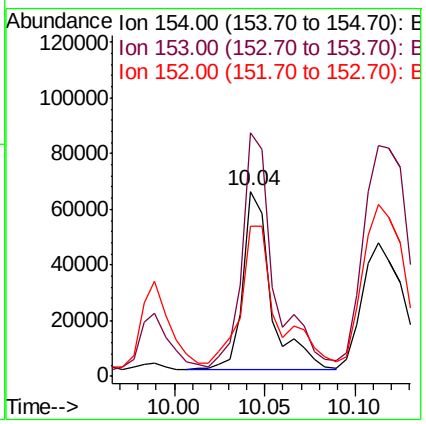


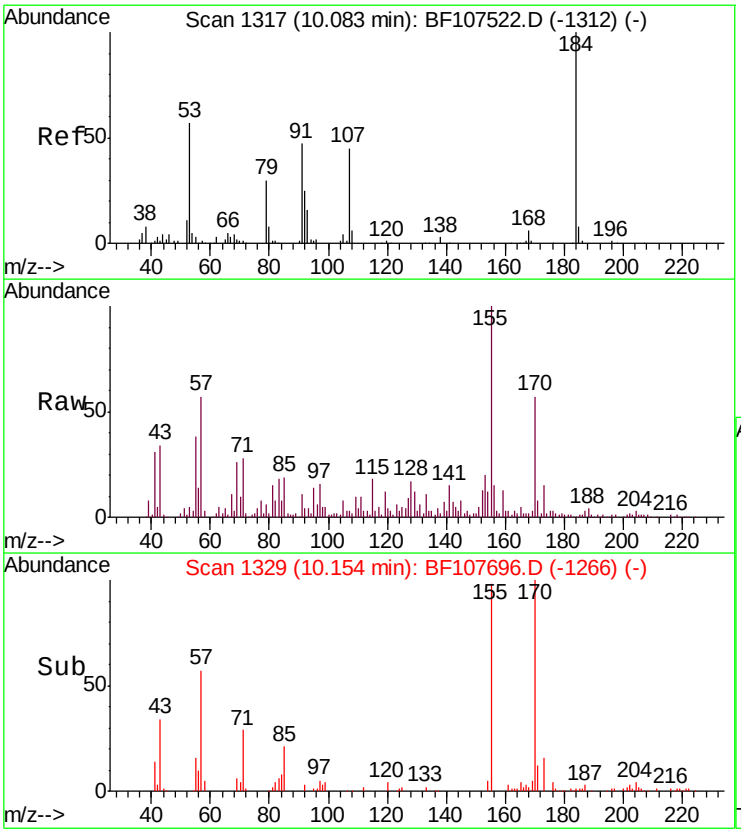
#51
Acenaphthene
Concen: 4.903 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:154 Resp: 68721

Ion	Ratio	Lower	Upper
154	100		
153	131.4	91.2	136.8
152	81.4	43.8	65.8#

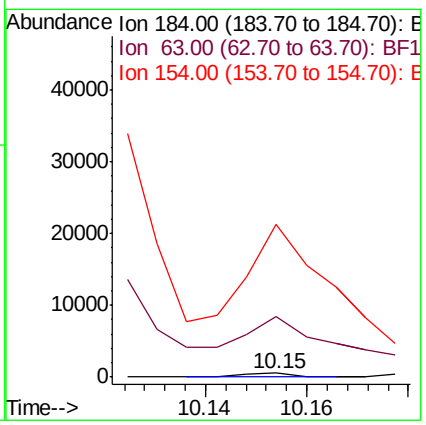


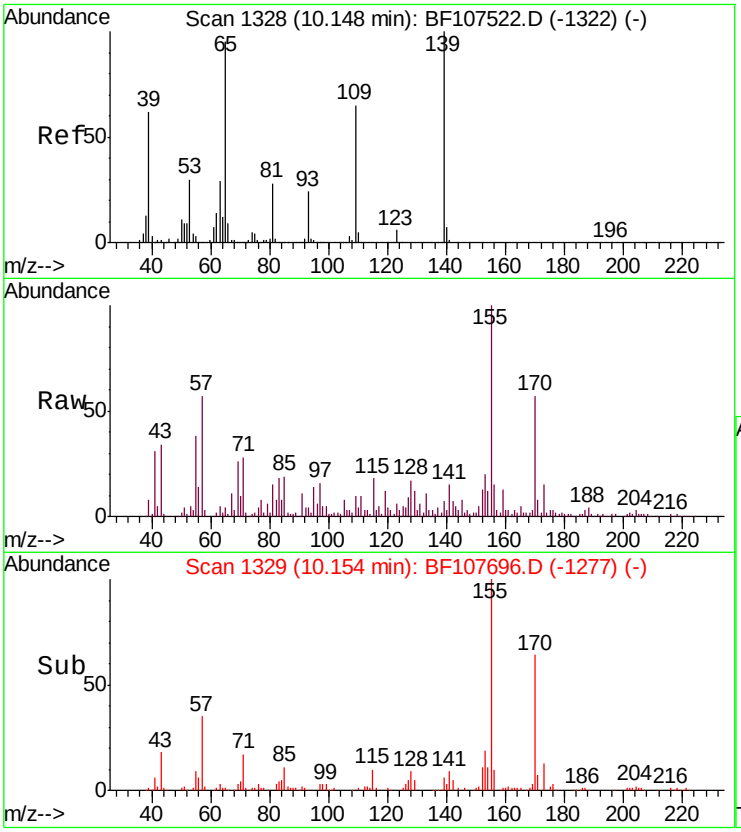


#53
2,4-Dinitrophenol
Concen: 8.599 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.07 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:184 Resp: 363

Ion	Ratio	Lower	Upper
184	100		
63	1484.7	54.2	81.2#
154	3744.1	184.0	276.0#



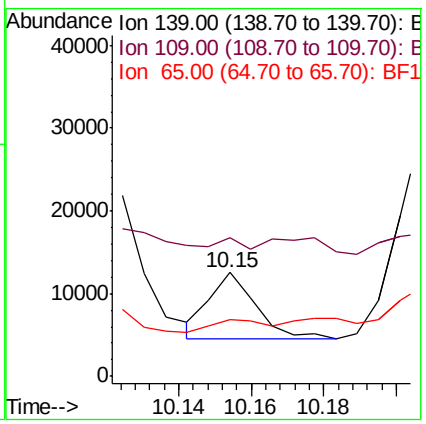


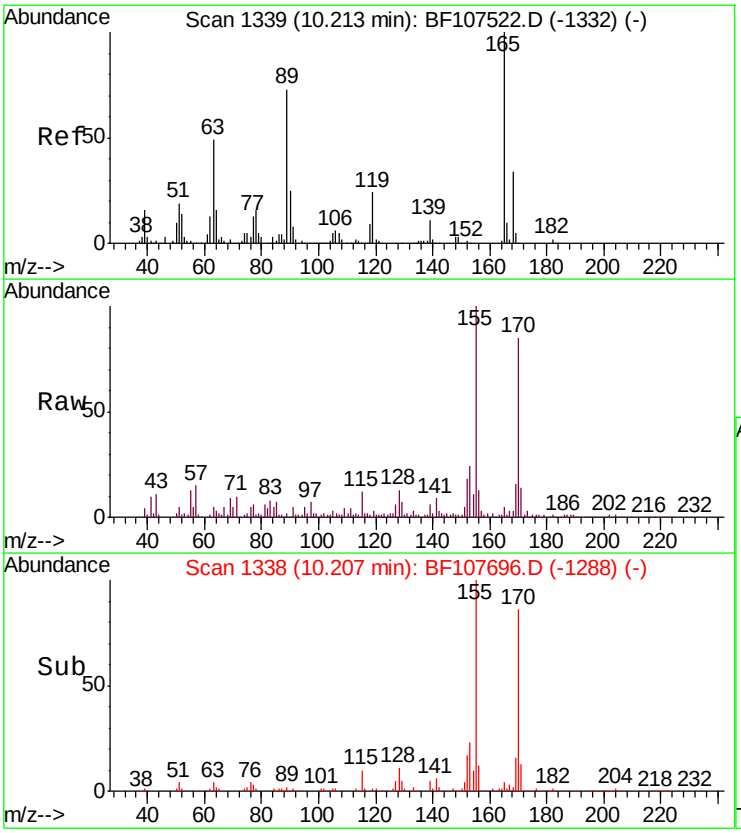
#55
4-Nitrophenol
Concen: 2.378 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:139 Resp: 7250

Ion	Ratio	Lower	Upper
139	100		
109	134.2	48.4	88.4#
65	54.5	72.6	112.6#

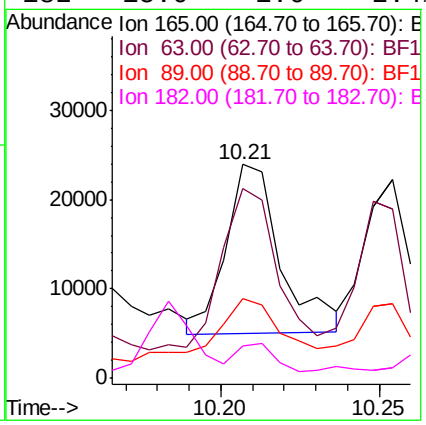


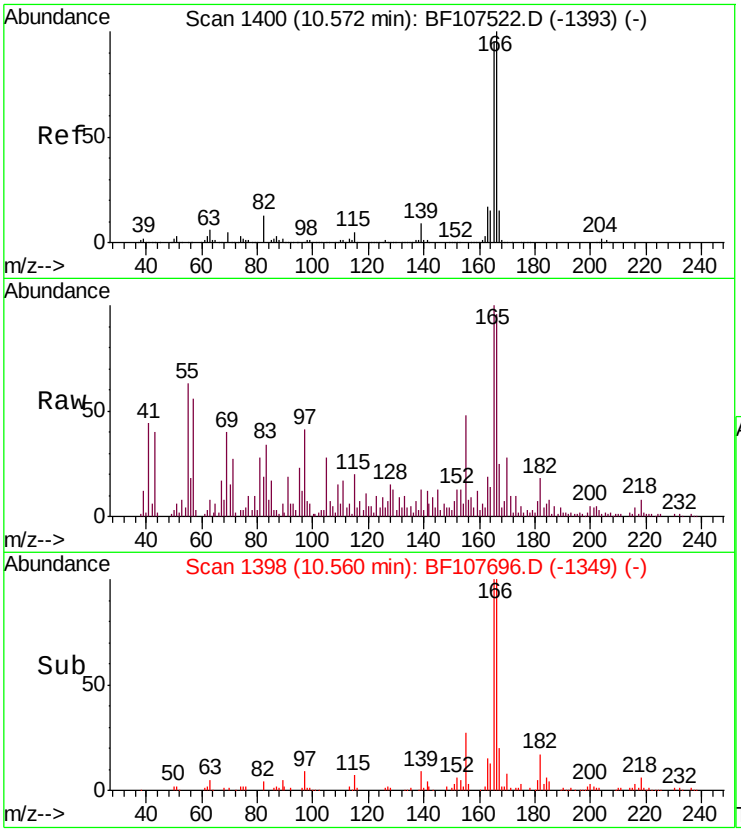


#56
2,4-Dinitrotoluene
Concen: 5.639 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:165 Resp: 22781

Ion	Ratio	Lower	Upper
165	100		
63	88.5	36.4	54.6#
89	37.0	57.8	86.6#
182	15.0	1.6	2.4#



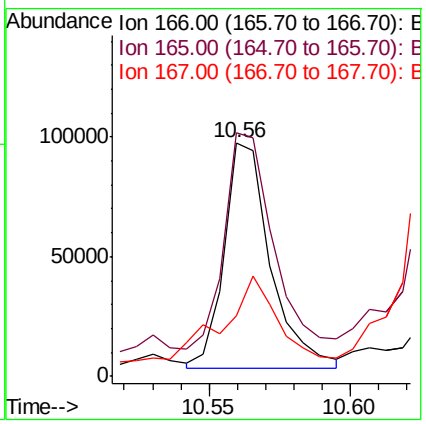


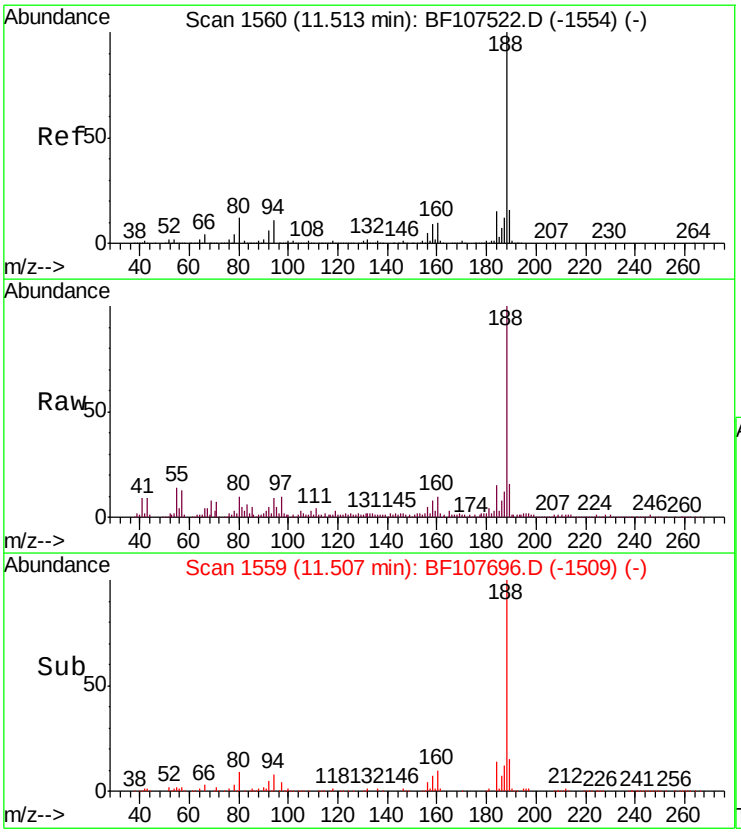
#57
Fluorene
Concen: 7.337 ng
RT: 10.56 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:166 Resp: 108019

Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.8	119.8
167	25.9	10.6	16.0#

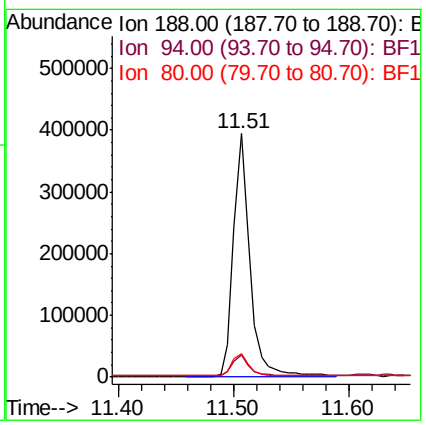


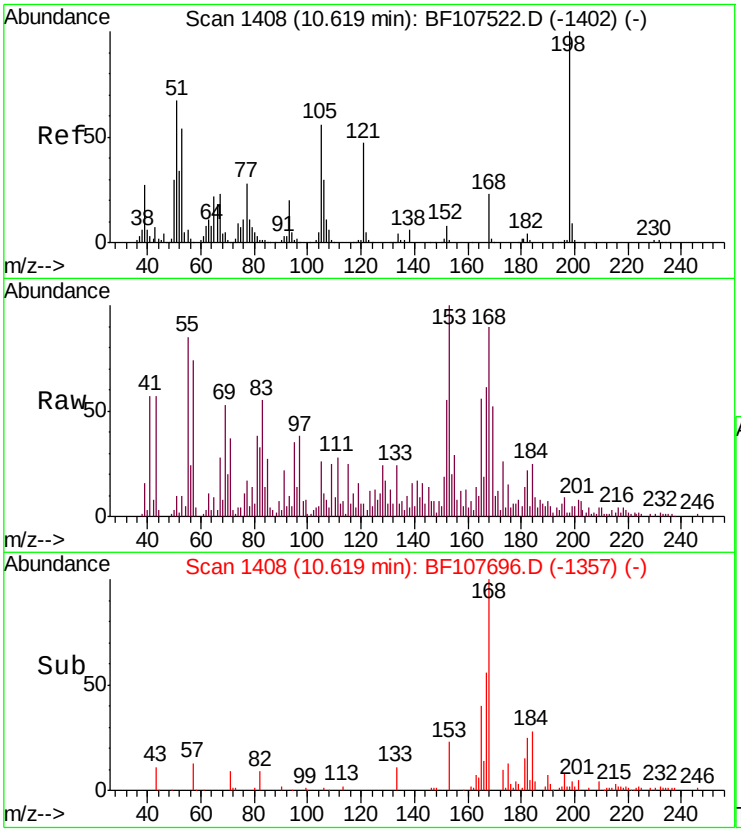


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:188 Resp: 393133

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.5	9.2	13.8



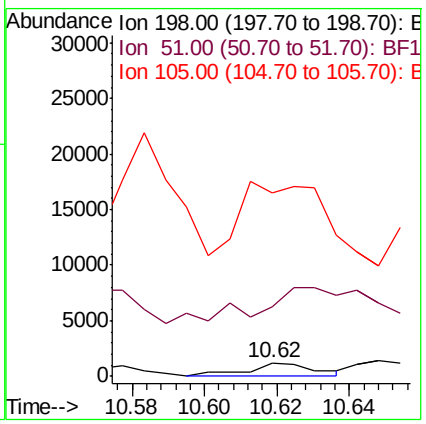


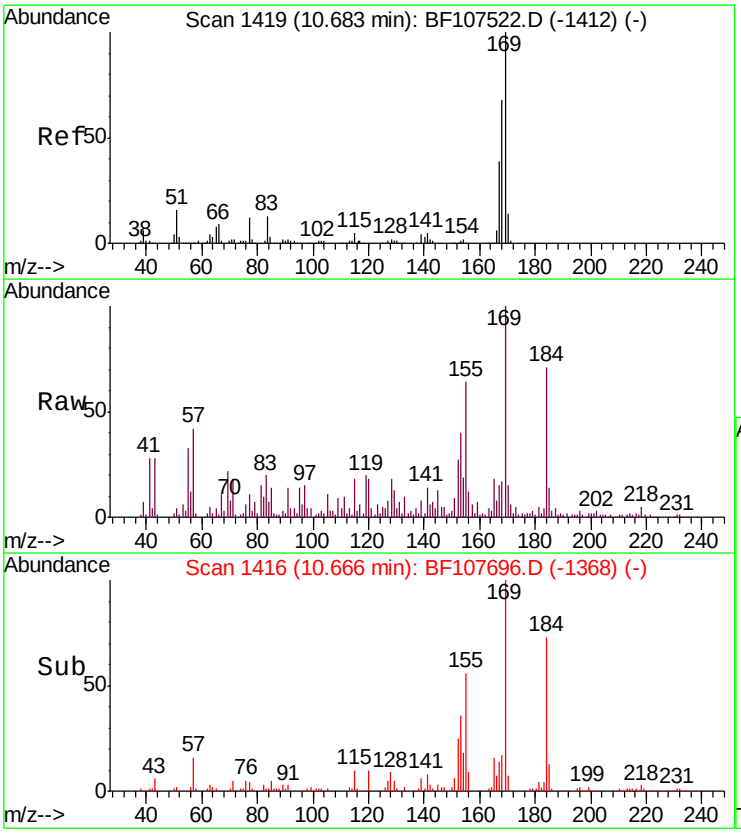
#64
4,6-Dinitro-2-methylphenol
Concen: 9.359 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:198 Resp: 1571

Ion	Ratio	Lower	Upper
198	100		
51	501.9	37.7	77.7#
105	1324.3	36.3	76.3#

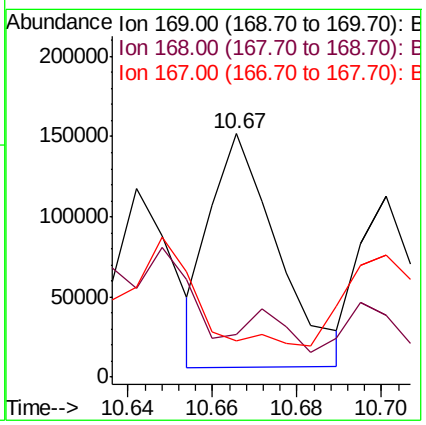


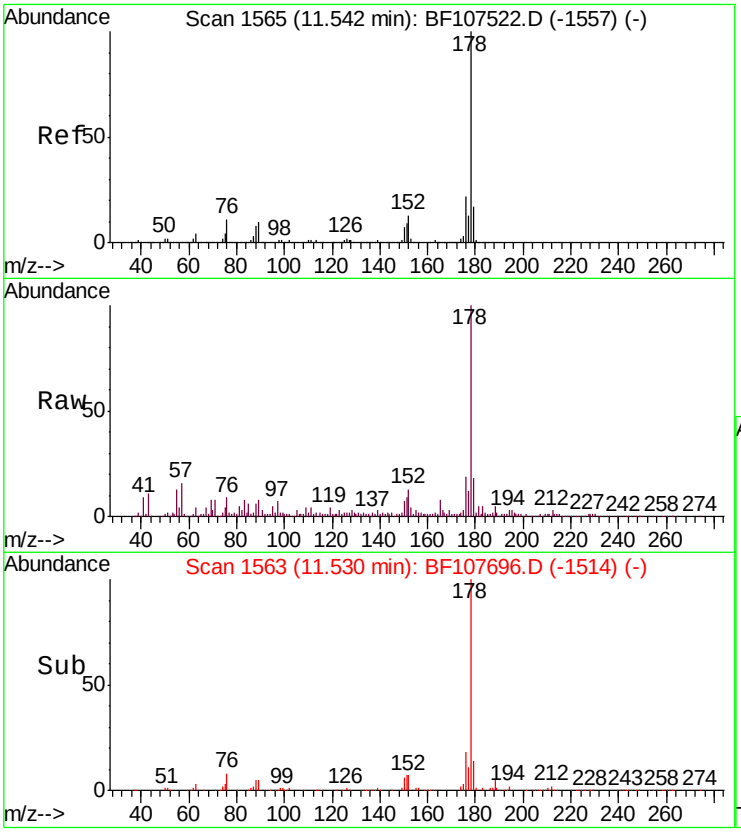


#65
n-Nitrosodiphenylamine
Concen: 12.105 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:169 Resp: 161623

Ion	Ratio	Lower	Upper
169	100		
168	17.3	54.4	81.6#
167	15.0	29.8	44.6#



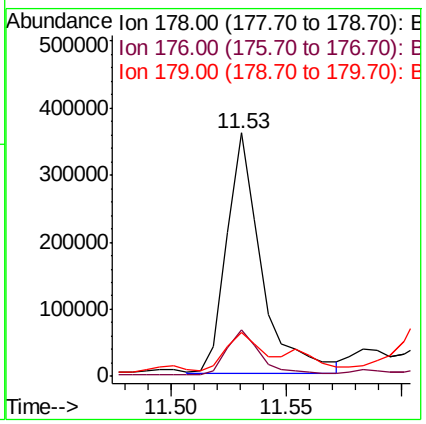


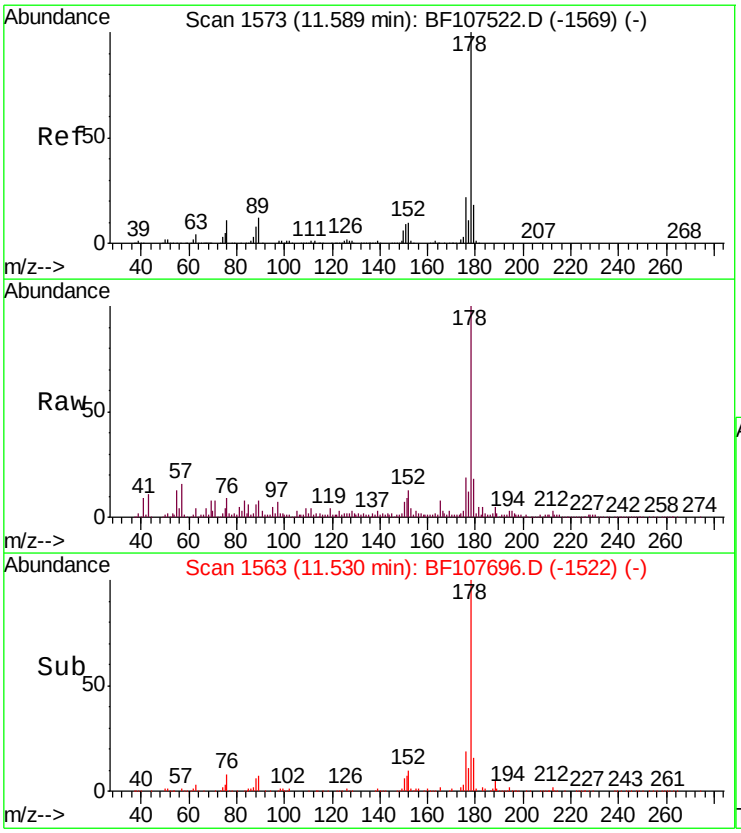
#70
Phenanthrene
Concen: 19.783 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:178 Resp: 378996

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	18.1	13.0	19.6

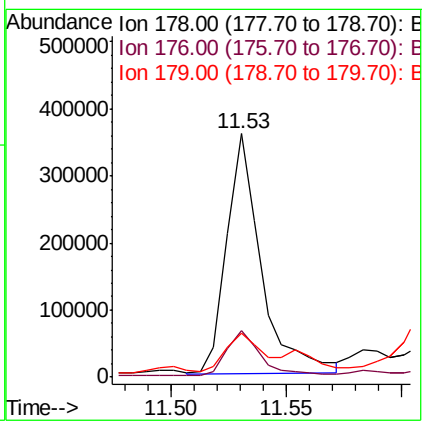


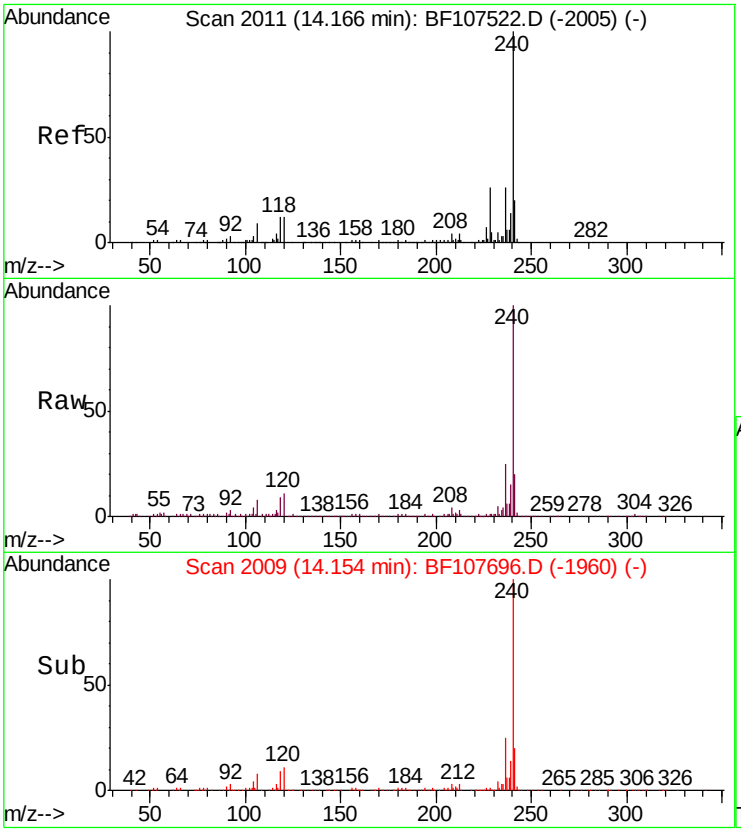


#71
Anthracene
Concen: 19.315 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.06 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:178 Resp: 372562

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	18.1	12.6	19.0



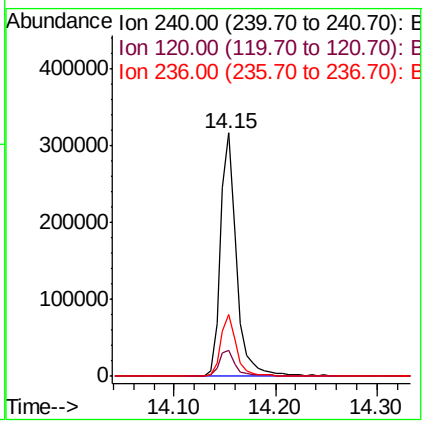


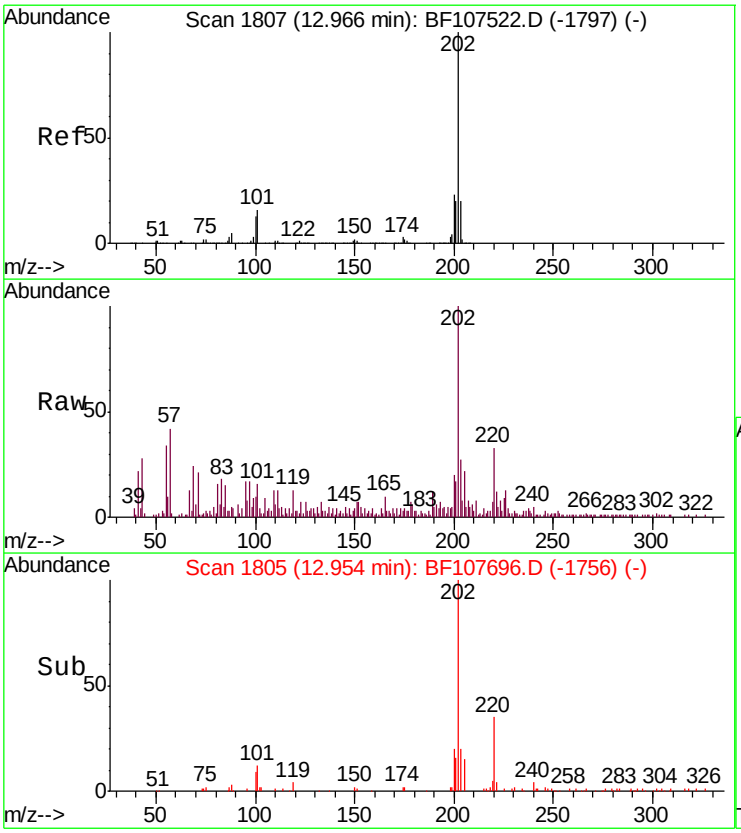
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:240 Resp: 345096

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	25.2	20.7	31.1

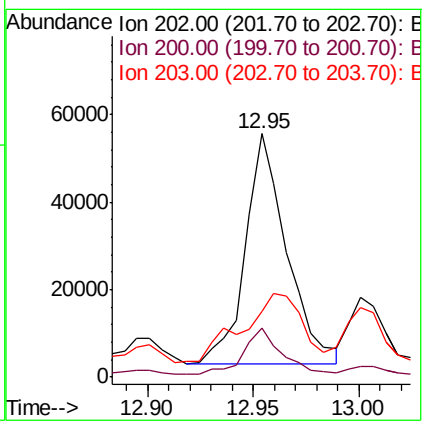


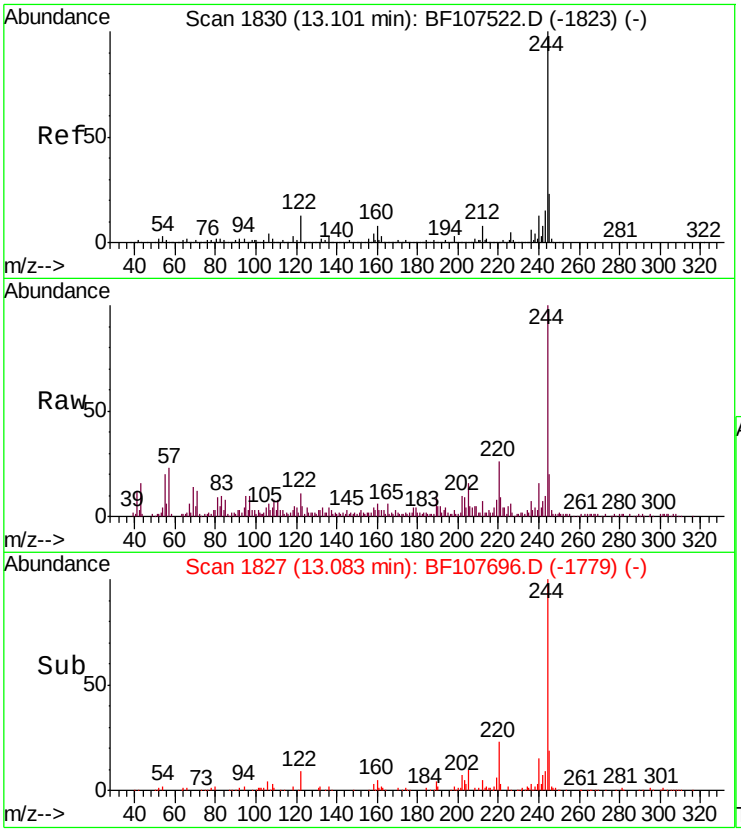


#77
Pyrene
Concen: 3.057 ng
RT: 12.95 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:202 Resp: 72167

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	27.1	14.3	21.5#



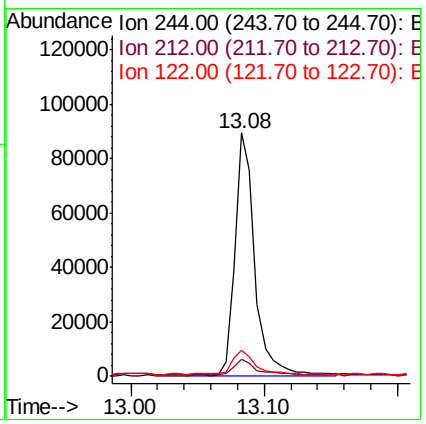


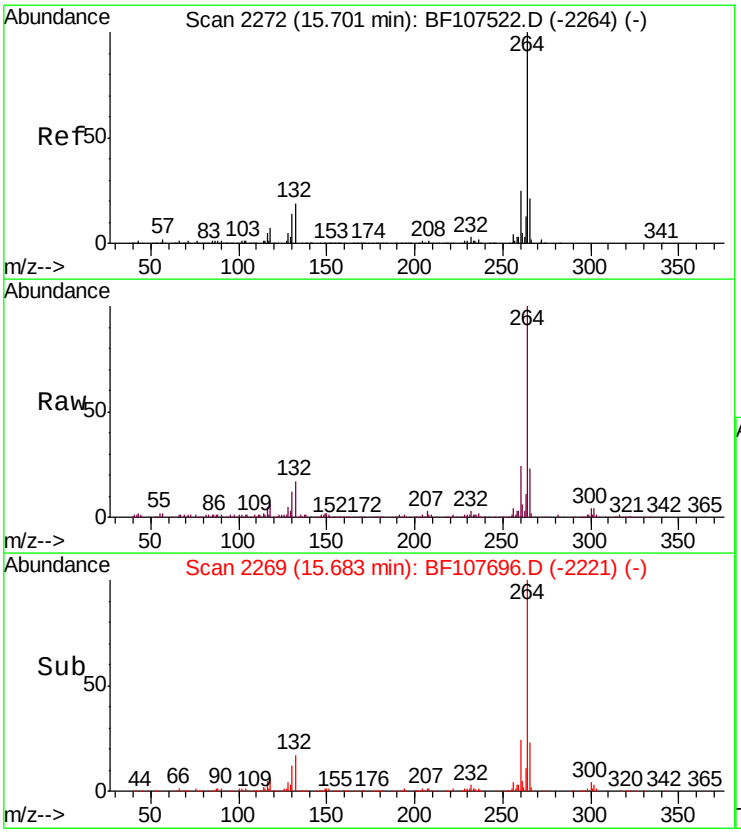
#78
Terphenyl-d14
Concen: 6.980 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Instrument :
BNA_F
ClientSampleId :
WASTEDL

Tgt Ion:244 Resp: 94092

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF107696.D
Acq: 26 Jul 2018 9:57

Tgt Ion:264 Resp: 275885

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.3	17.5	26.3