Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
Data File : BF106850.D
Acq On : 27 Jun 2018 4:14
Operator : JU/SJ
Sample : PB110514BL
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110514BL

Quant Time: Jun 27 04:43:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42158	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	151199	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	67732	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128807	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	125384	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85264	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	205775	82.65	ng	0.00
7) Phenol-d6	6.60	99	256043	82.35	ng	-0.01
23) Nitrobenzene-d5	7.52	82	229601	84.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	57581	73.35	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	443278	116.19	ng	-0.01
78) Terphenyl-d14	13.08	244	494770	95.58	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	28887	14.095	ng	# 72
25) Isophorone	7.52	82	226887	47.325	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8621	8.014	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8621	6.140	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3497	2.275	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
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Acq On : 27 Jun 2018 4:14
Operator : JU/SJ
Sample : PB110514BL
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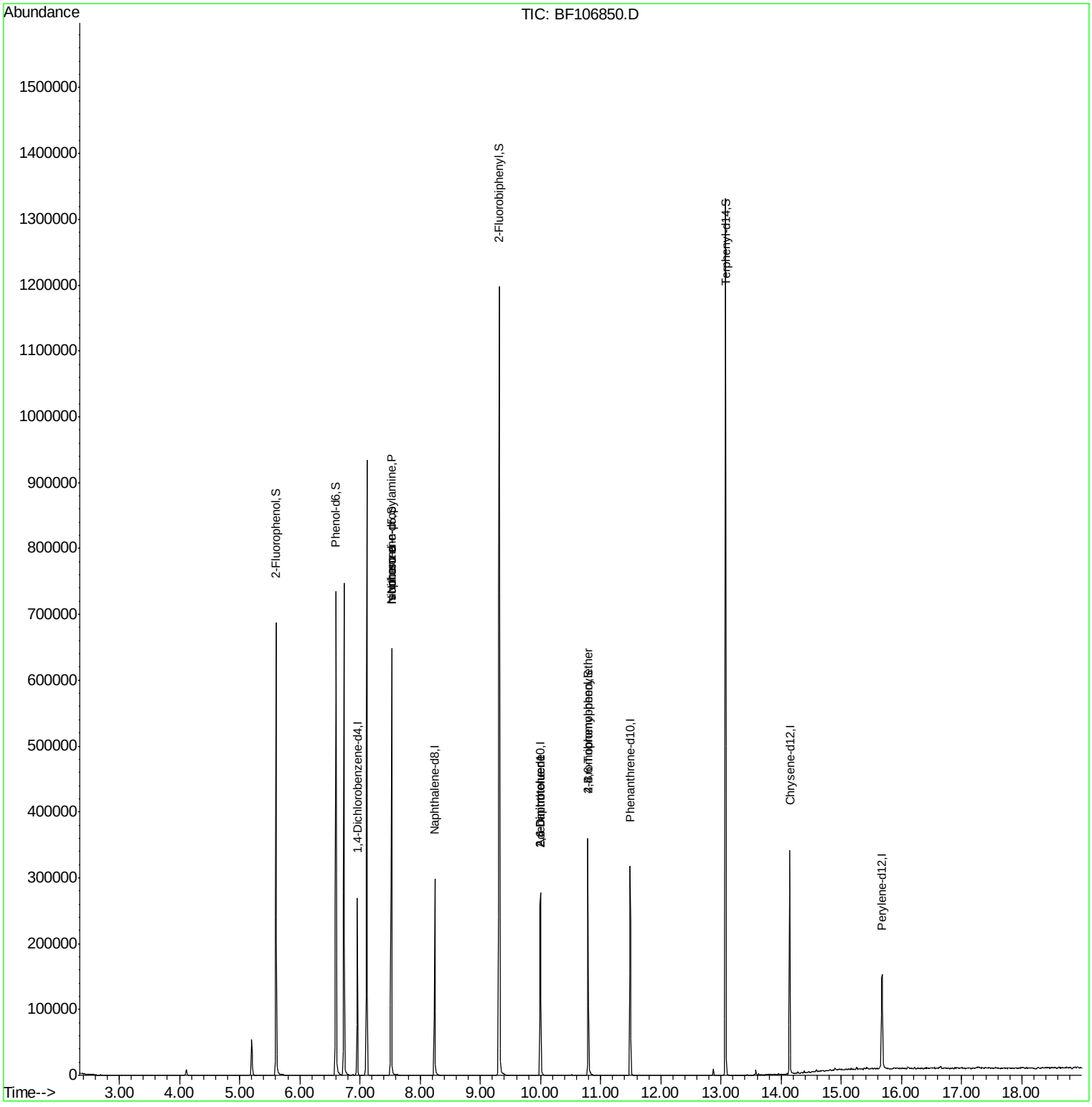
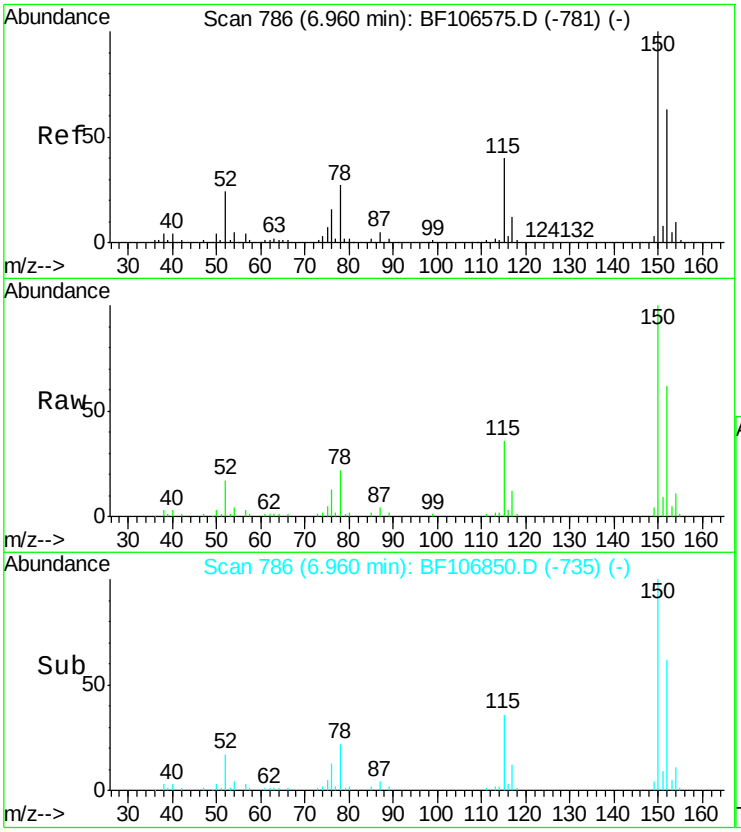


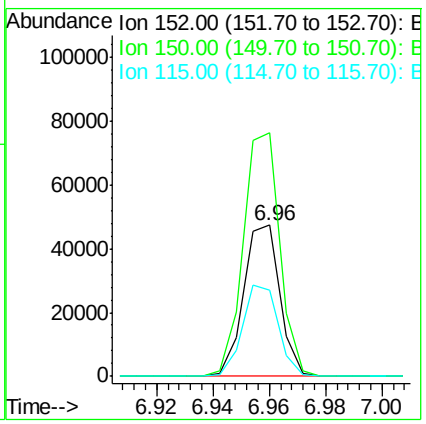


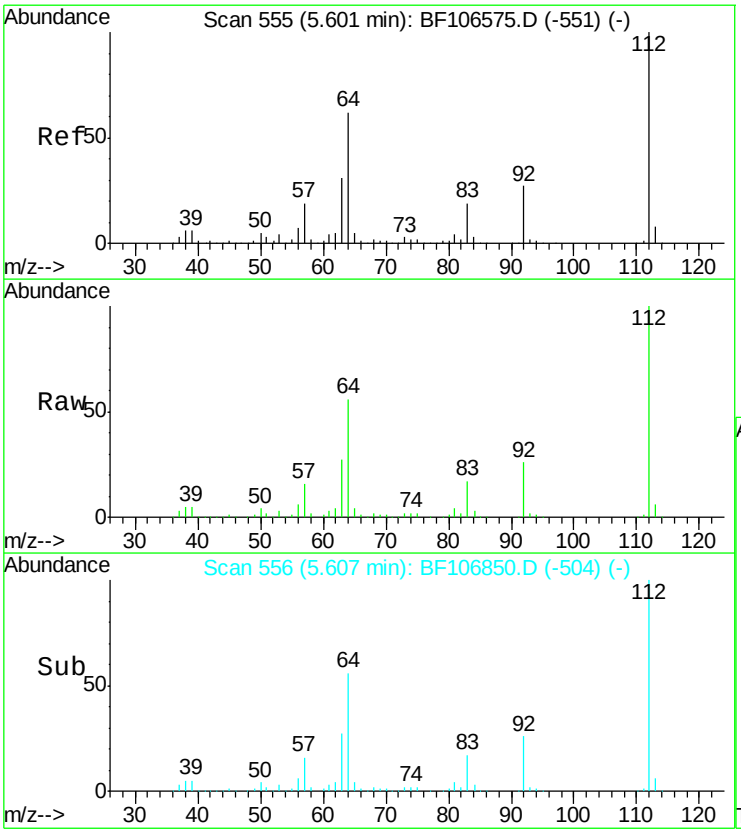
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:152 Resp: 42158

Ion	Ratio	Lower	Upper
152	100		
150	161.3	124.6	186.8
115	57.4	50.1	75.1

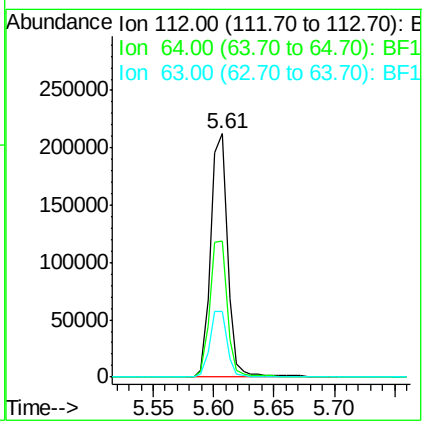


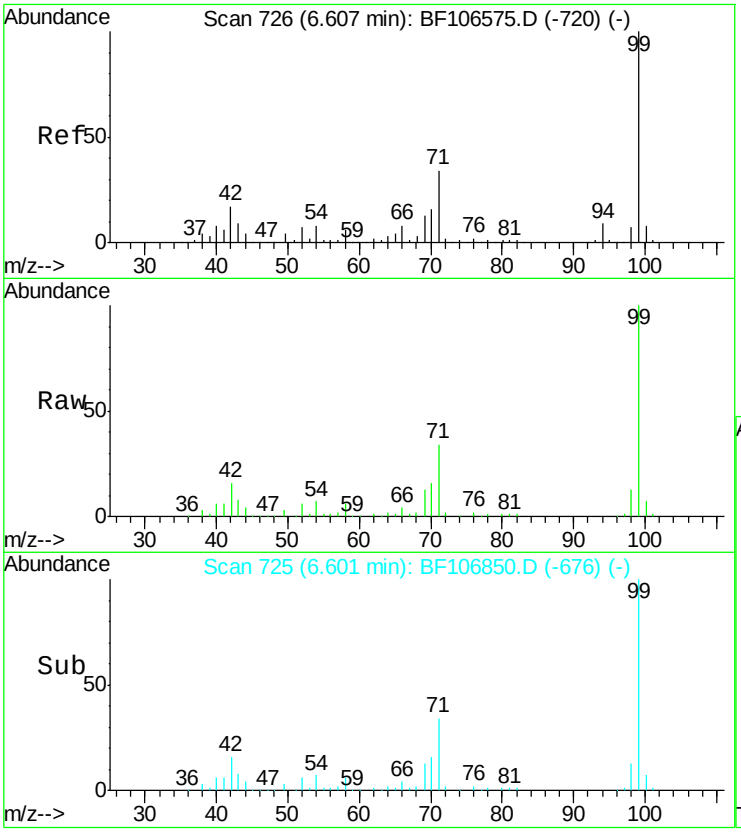


#5
2-Fluorophenol
Concen: 82.652 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:112 Resp: 205775

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	27.2	23.7	35.5



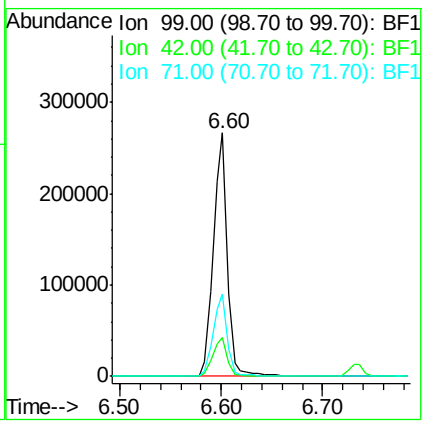


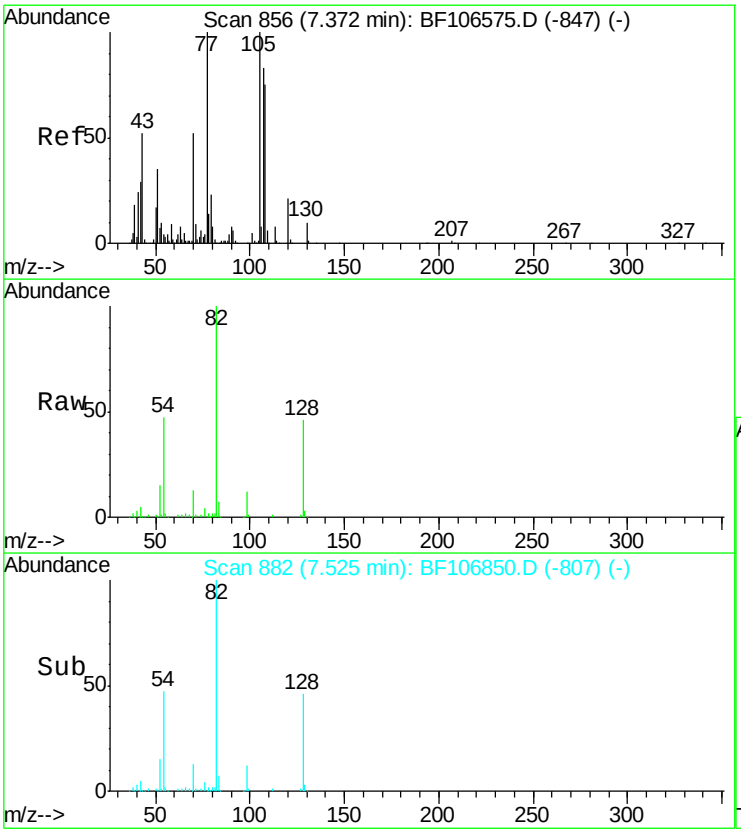
#7
Phenol-d6
Concen: 82.352 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion: 99 Resp: 256043

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	33.8	25.4	38.0

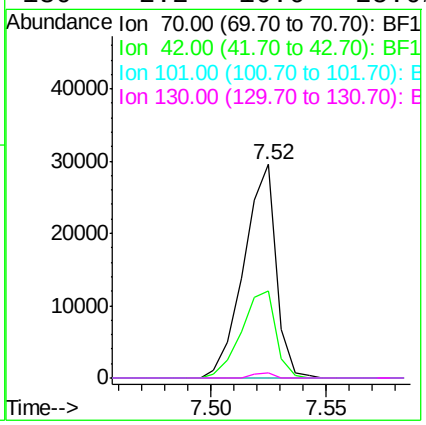


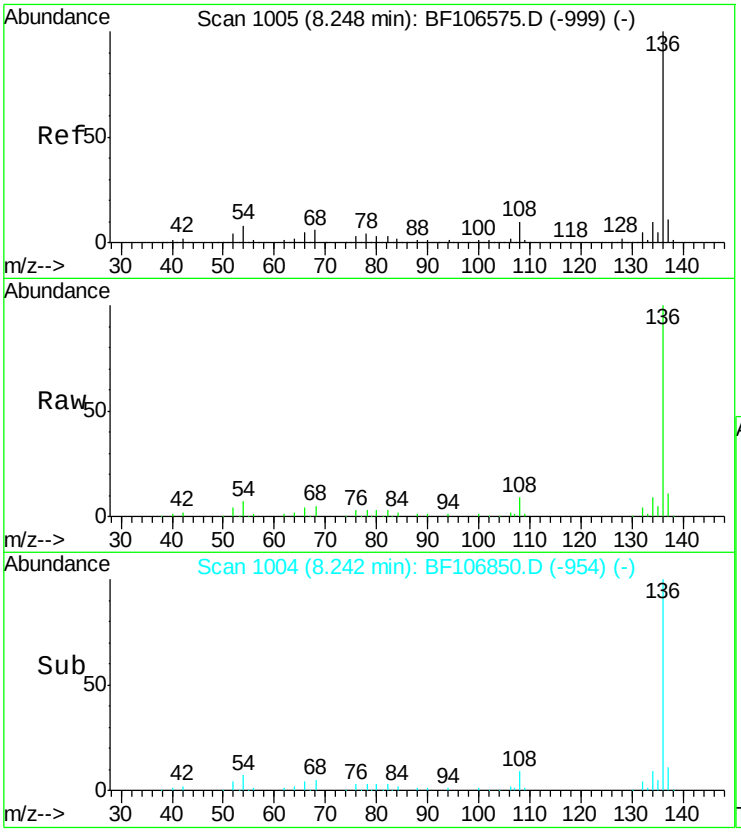


#19
n-Nitroso-di-n-propylamine
Concen: 14.095 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion: 70 Resp: 28887

Ion	Ratio	Lower	Upper
70	100		
42	41.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



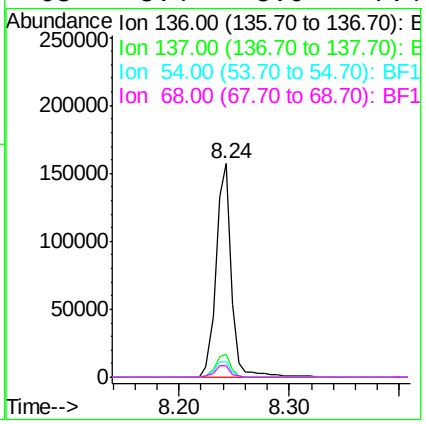


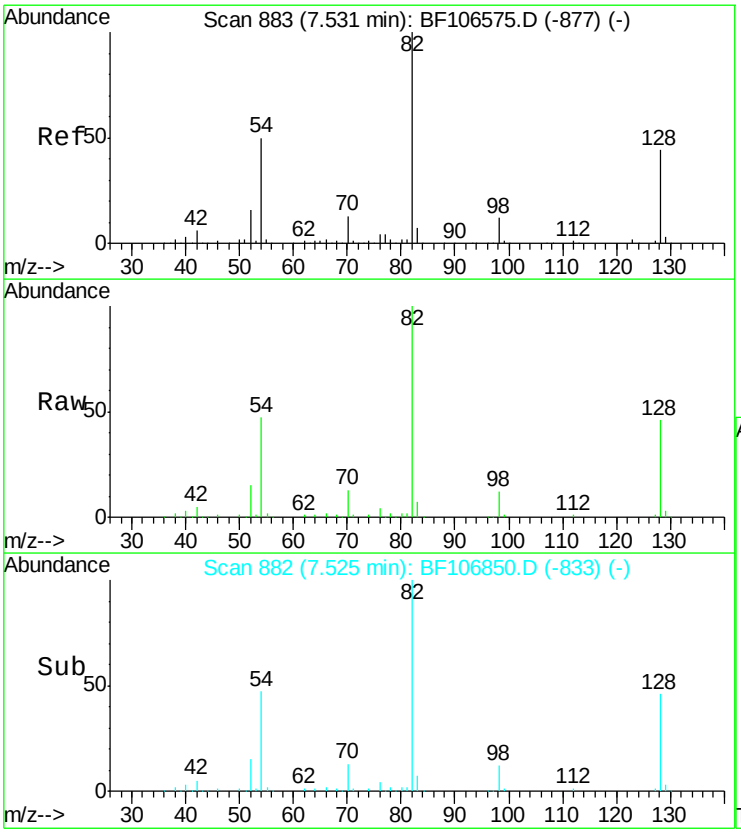
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:136 Resp: 151199

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.1	6.6	9.8
68	5.4	5.0	7.4

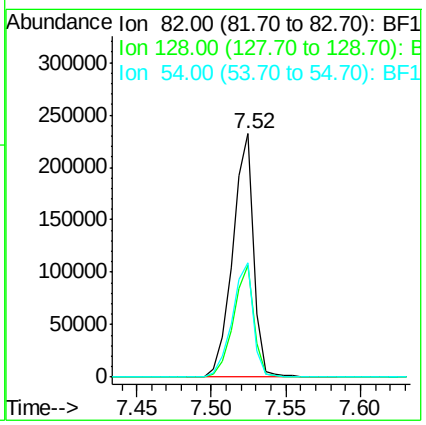


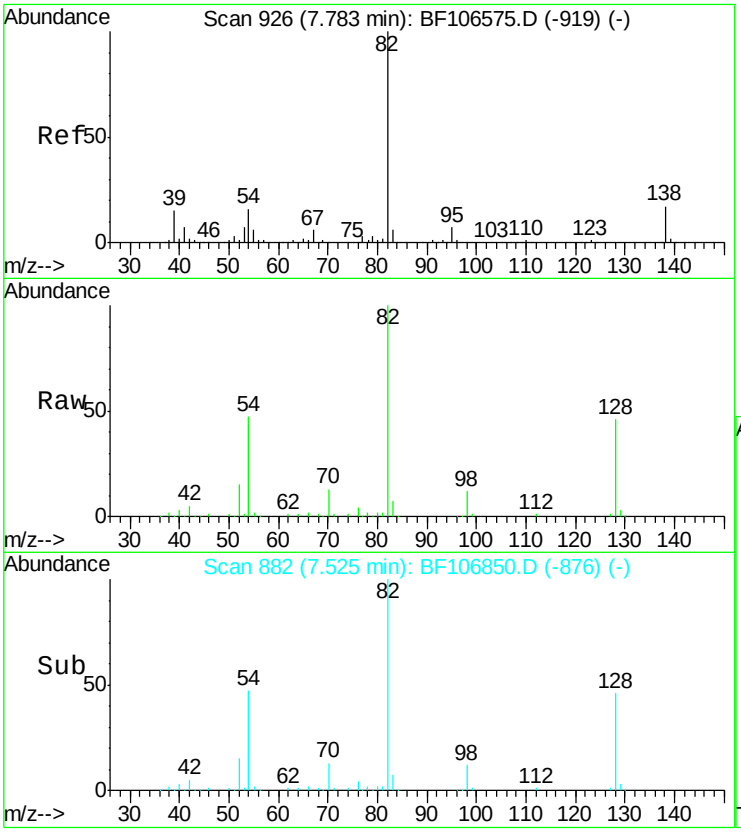


#23
Nitrobenzene-d5
Concen: 84.390 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion: 82 Resp: 229601

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	46.8	41.4	62.2



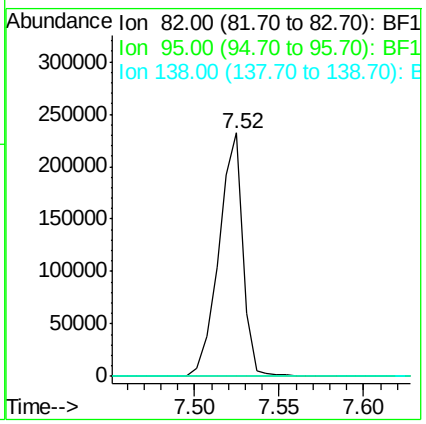


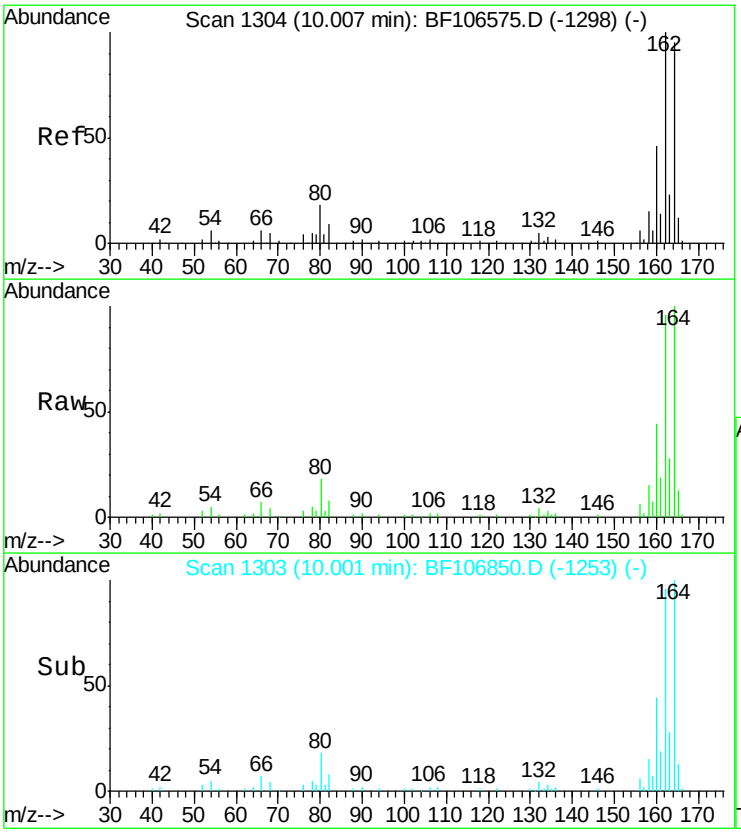
#25
Isophorone
Concen: 47.325 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion: 82 Resp: 226887

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

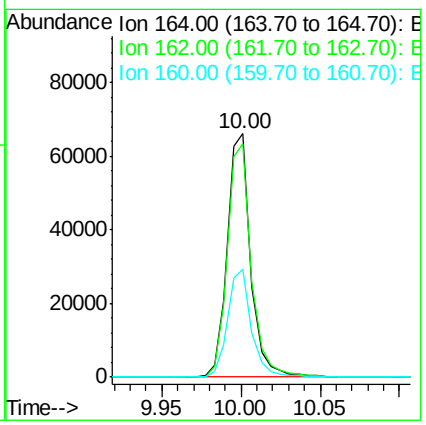


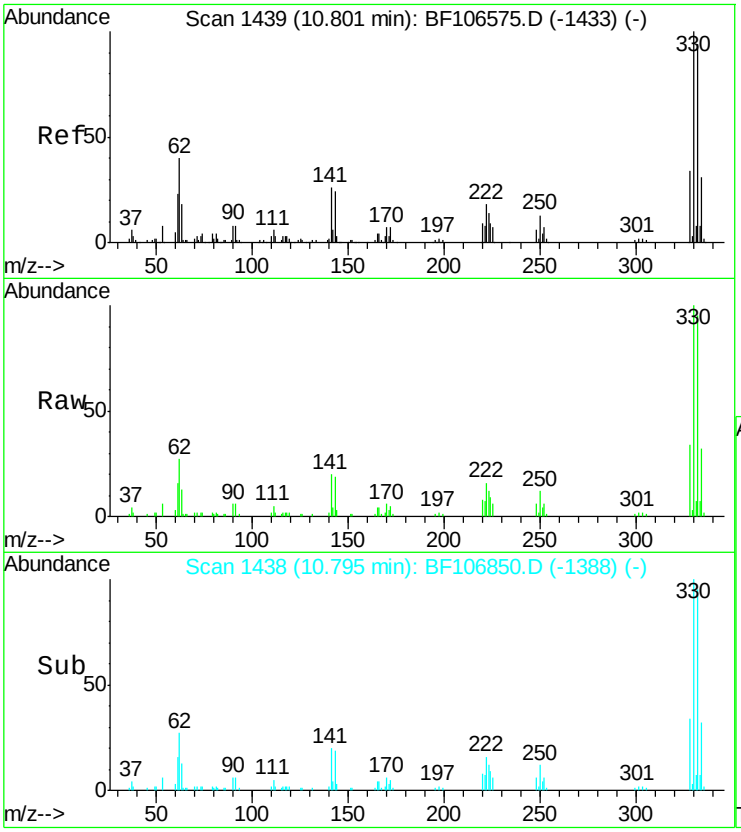


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:164 Resp: 67732

Ion	Ratio	Lower	Upper
164	100		
162	95.7	86.1	129.1
160	44.1	38.3	57.5



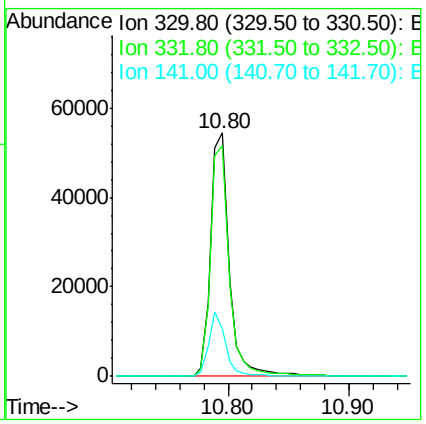


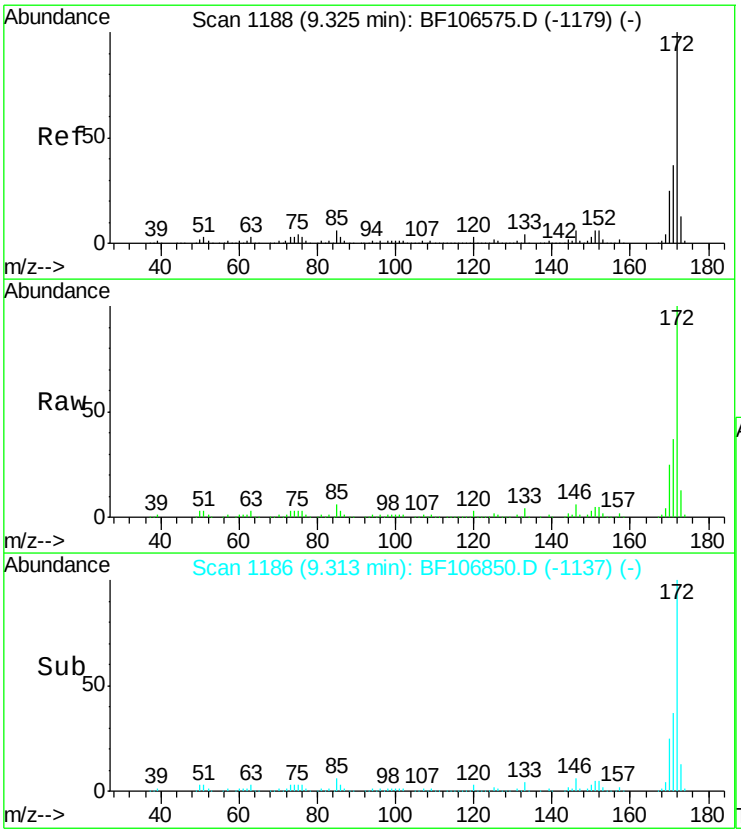
#41
2,4,6-Tribromophenol
Concen: 73.349 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:330 Resp: 57581

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	23.8	29.9	44.9#

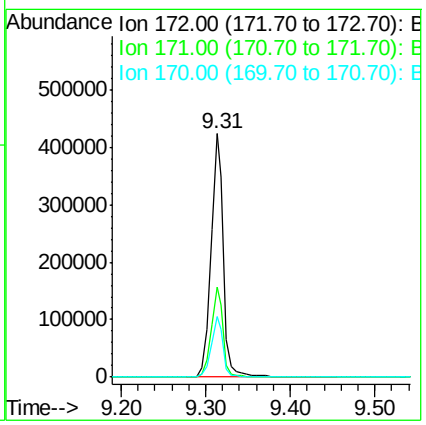


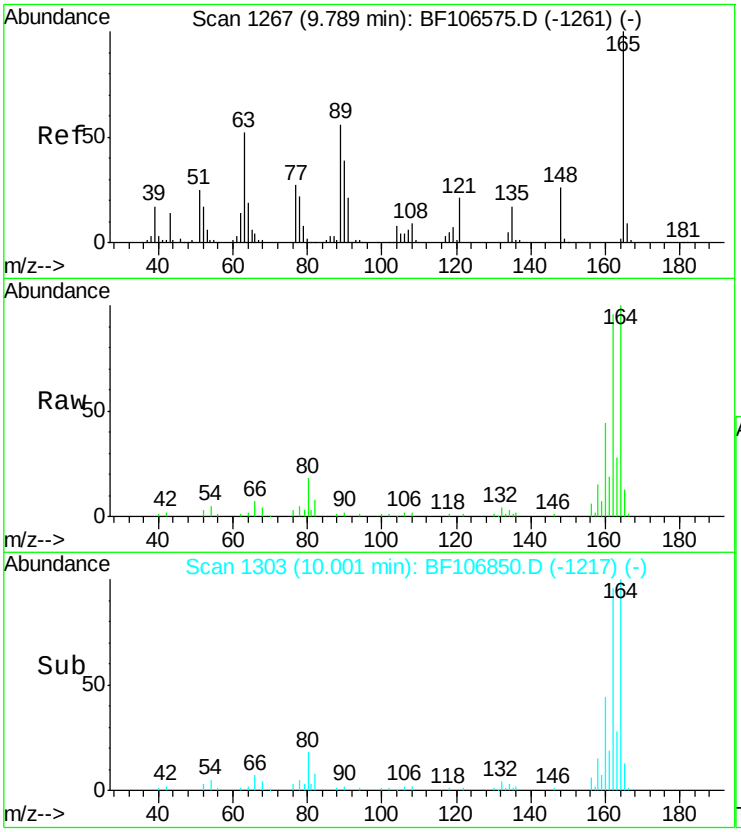


#44
2-Fluorobiphenyl
Concen: 116.188 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:172 Resp: 443278

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.6	29.4



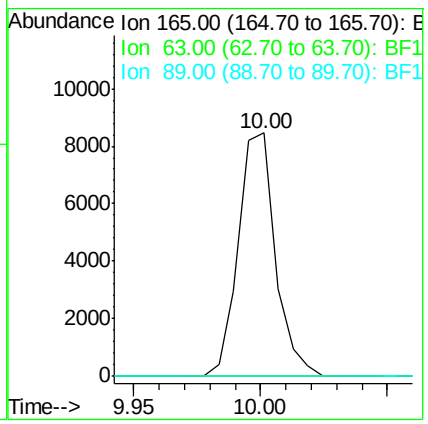


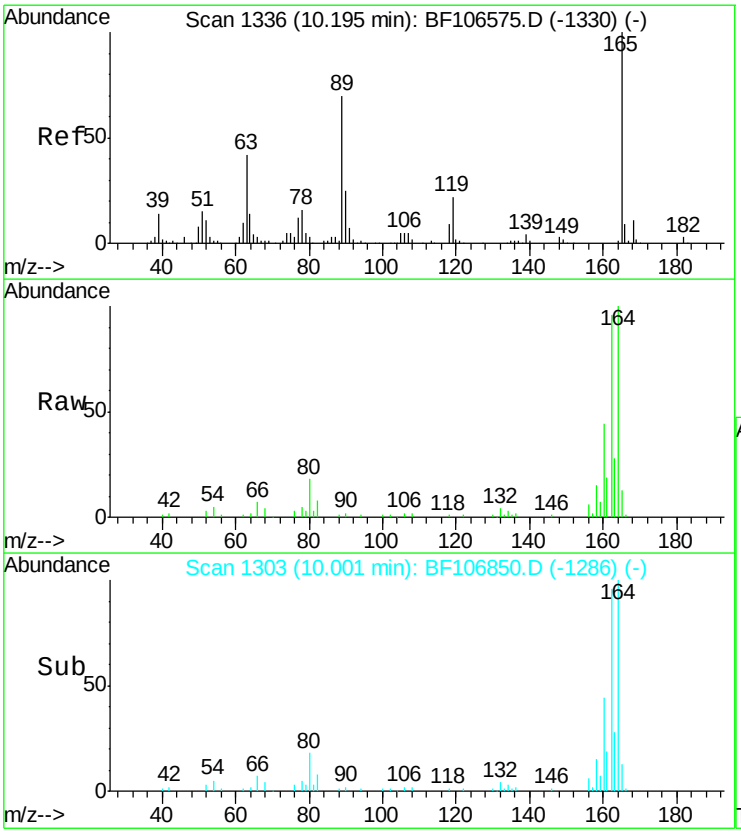
#50
2,6-Dinitrotoluene
Concen: 8.014 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:165 Resp: 8621

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

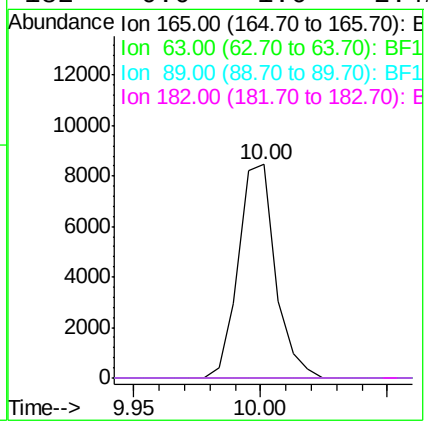


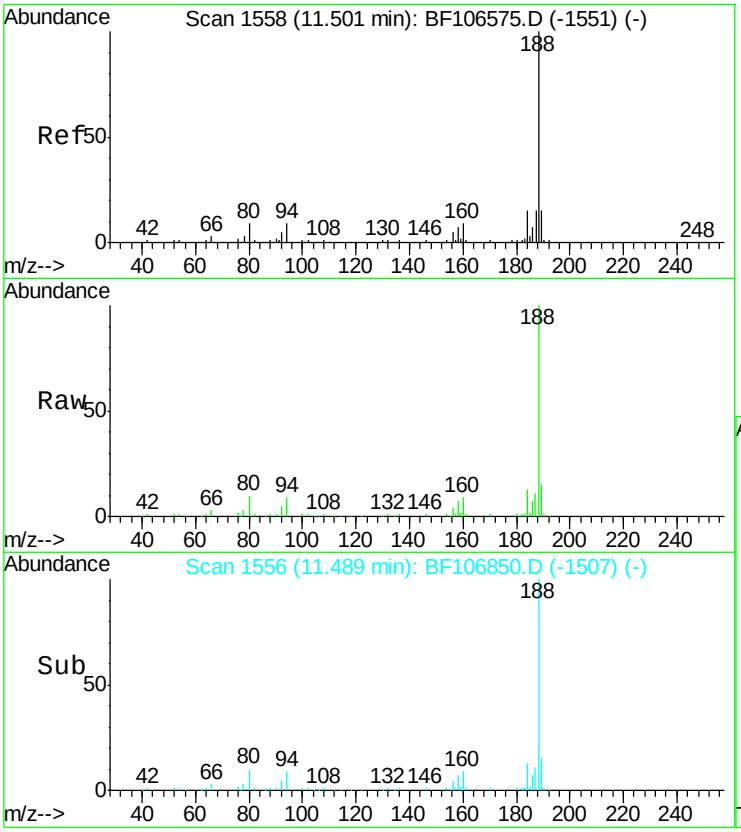


#56
2,4-Dinitrotoluene
Concen: 6.140 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:165 Resp: 8621

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



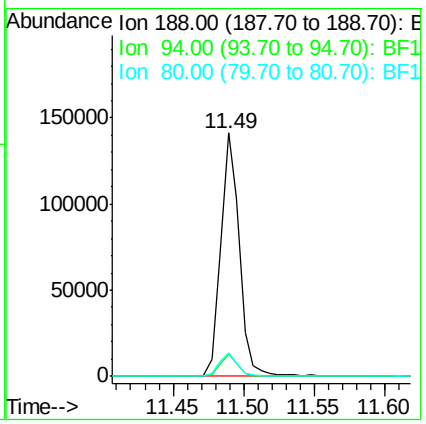


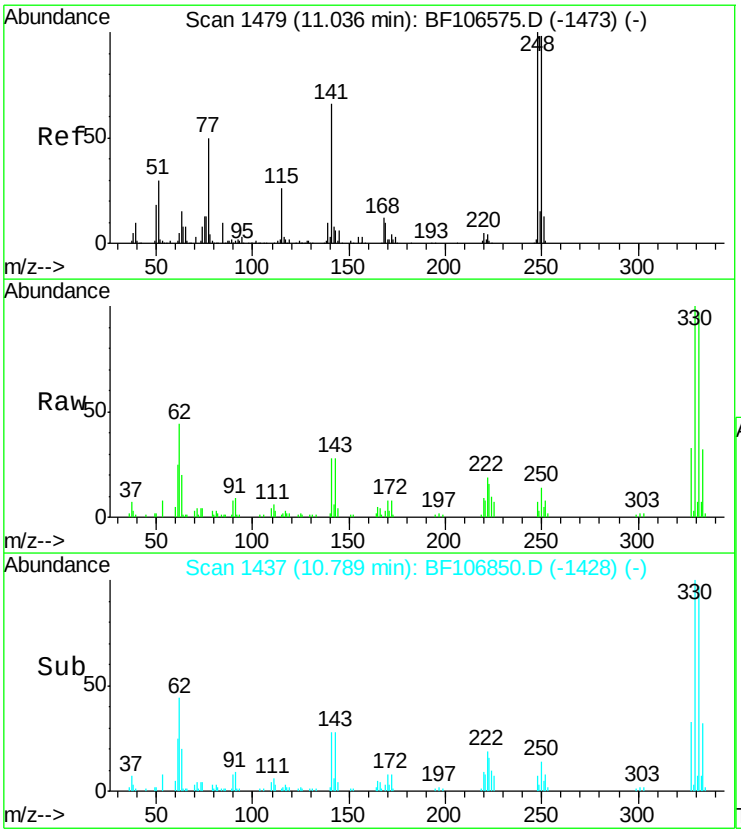
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:188 Resp: 128807

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8

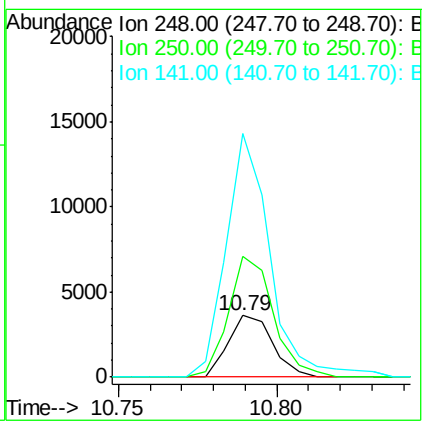


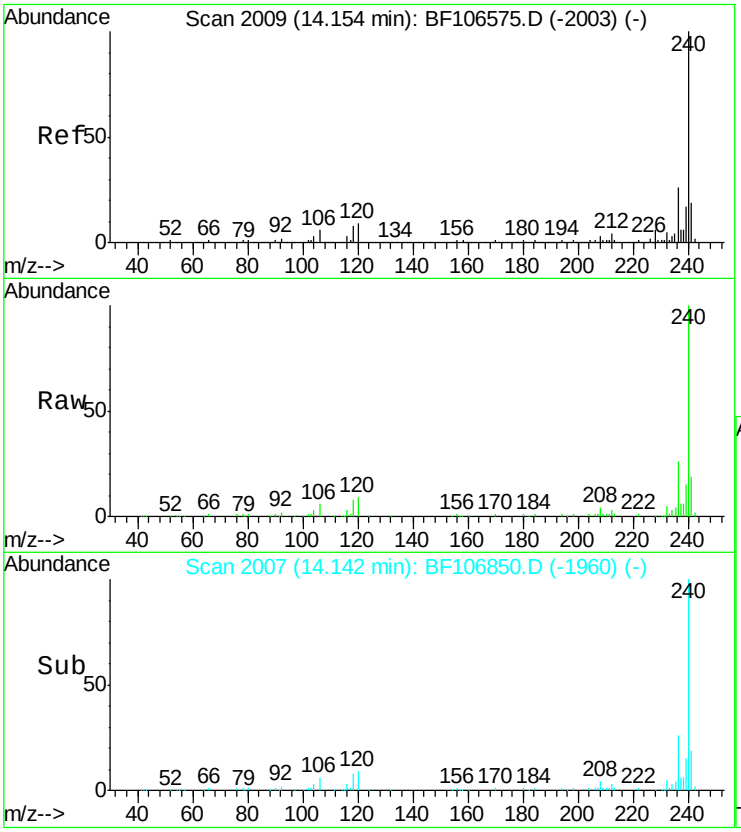


#66
4-Bromophenyl-phenylether
Concen: 2.275 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:248 Resp: 3497

Ion	Ratio	Lower	Upper
248	100		
250	196.7	76.9	115.3#
141	397.0	74.4	111.6#



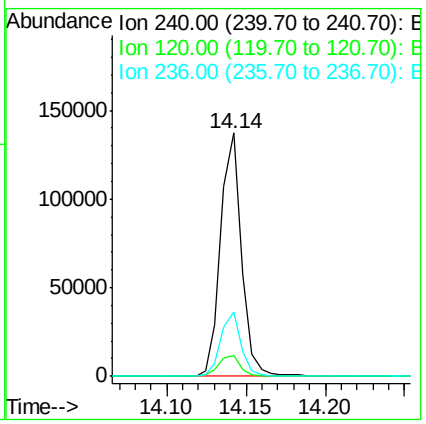


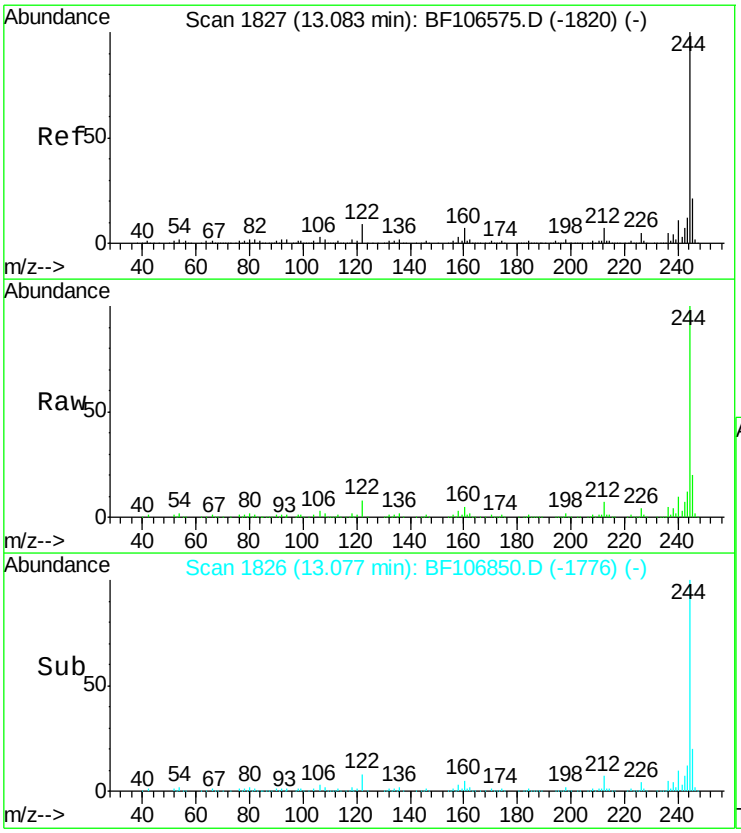
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:240 Resp: 125384

Ion	Ratio	Lower	Upper
240	100		
120	8.5	9.5	14.3#
236	26.2	20.7	31.1

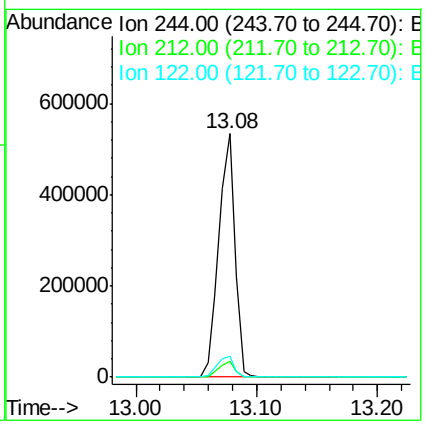


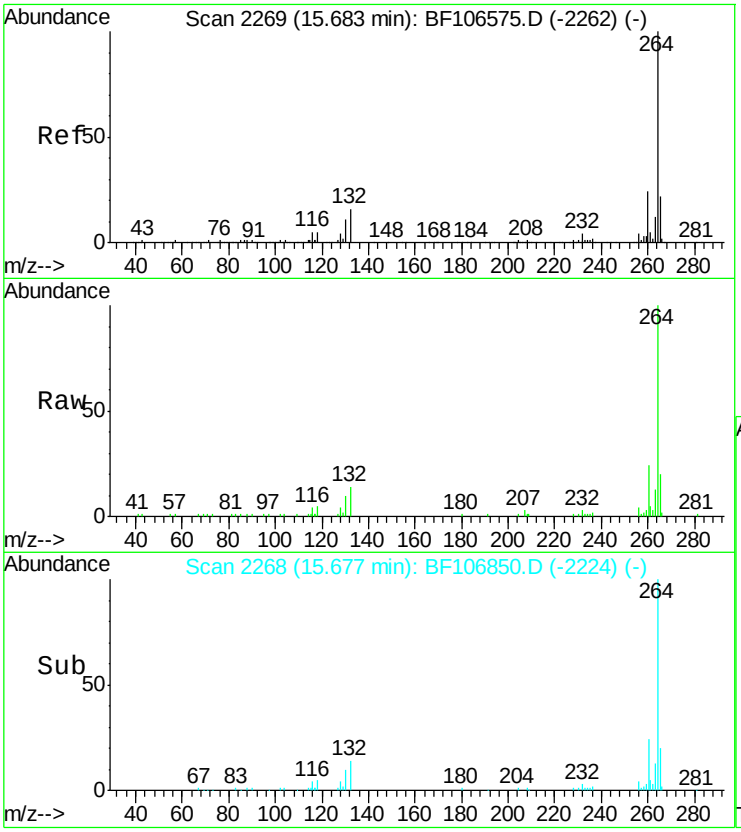


#78
Terphenyl-d14
Concen: 95.585 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Tgt Ion:244 Resp: 494770

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	8.4	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106850.D
Acq: 27 Jun 2018 4:14

Instrument :
BNA_F
ClientSampleId :
PB110514BL

Tgt Ion:264 Resp: 85264

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.3	17.5	26.3