Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
Data File : BF107030.D
Acq On : 30 Jun 2018 22:11
Operator : JU/SJ
Sample : J3743-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 02 04:08:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70903	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	232778	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	105523	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	222250	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	183967	20.00	ng		-0.02
86) Perylene-d12	15.68	264	132642	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	255664	61.06	ng		0.00
7) Phenol-d6	6.60	99	186483	35.66	ng		-0.02
23) Nitrobenzene-d5	7.52	82	343540	82.02	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	175501	143.50	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	625886	103.63	ng		-0.01
78) Terphenyl-d14	13.08	244	809980	106.65	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	8857	2.022	ng		84
19) n-Nitroso-di-n-propylamine	7.52	70	44509	12.913	ng	#	73
25) Isophorone	7.52	82	343535	46.543	ng	#	64
49) Dimethylphthalate	9.70	163	30929	3.908	ng		97
50) 2,6-Dinitrotoluene	10.00	165	13391	7.990	ng	#	24
56) 2,4-Dinitrotoluene	10.00	165	13391	6.122	ng	#	21
66) 4-Bromophenyl-phenylether	10.79	248	10784	4.066	ng	#	1

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
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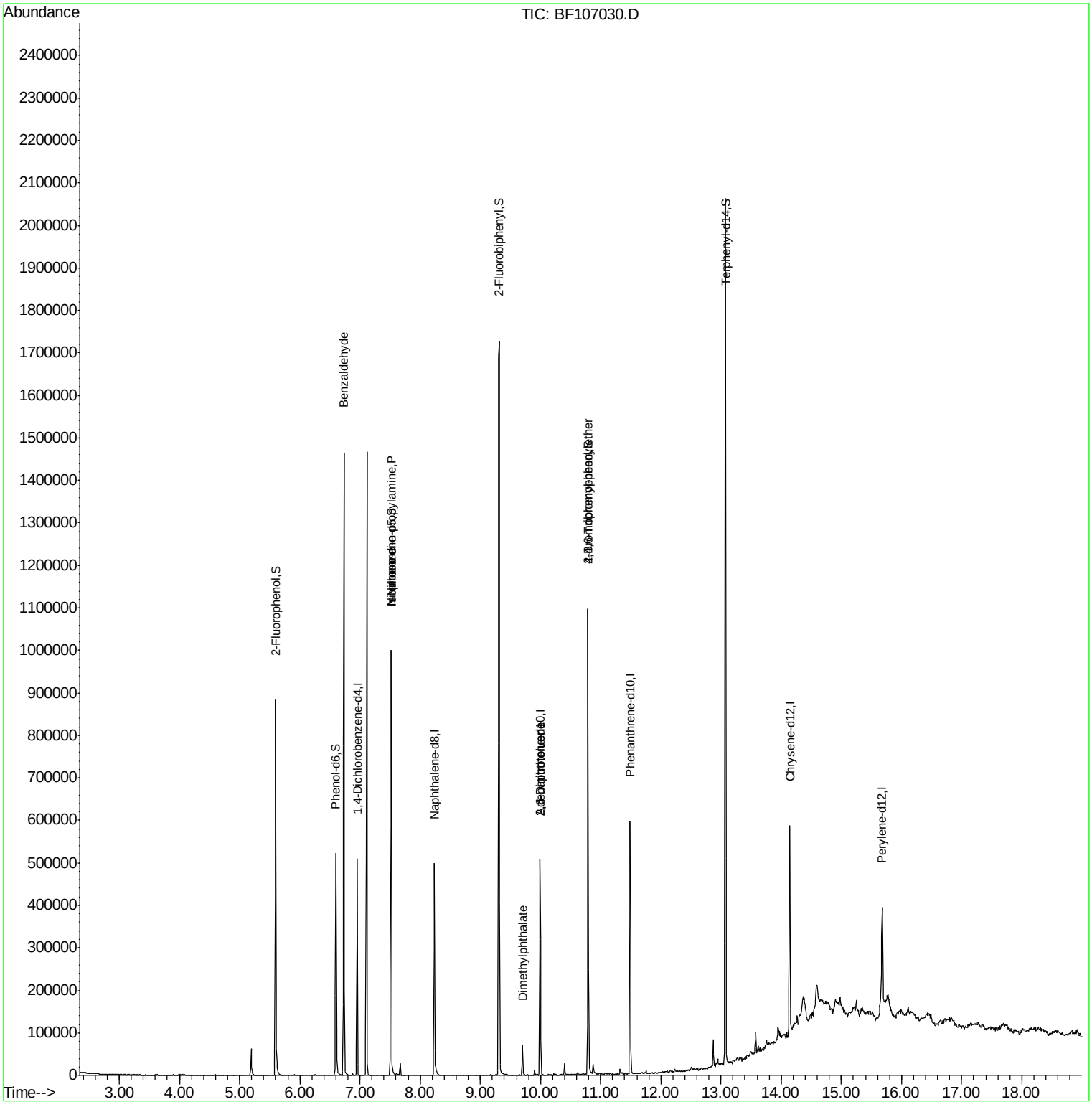
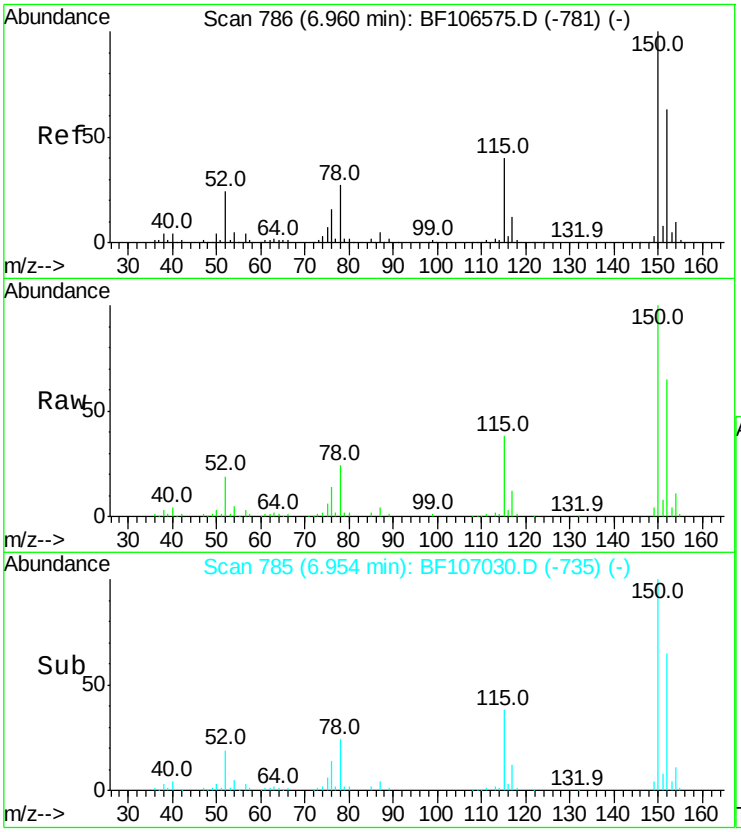


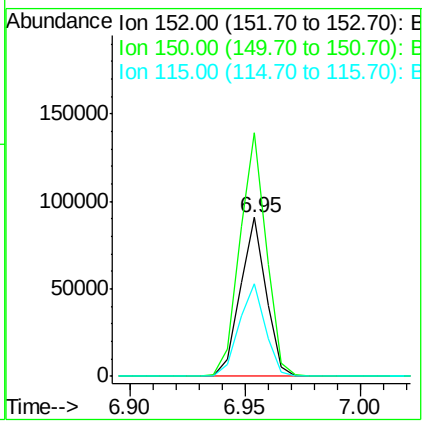


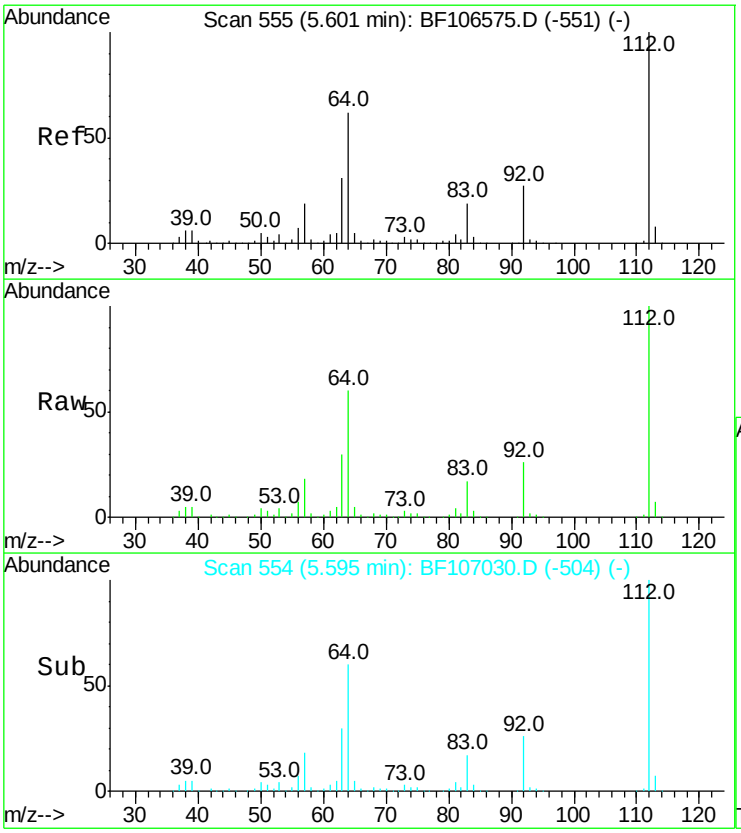
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 70903

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	58.4	50.1	75.1

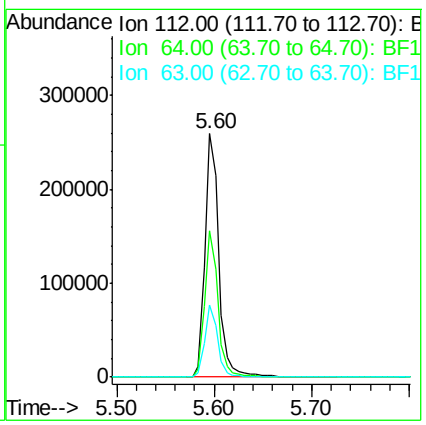


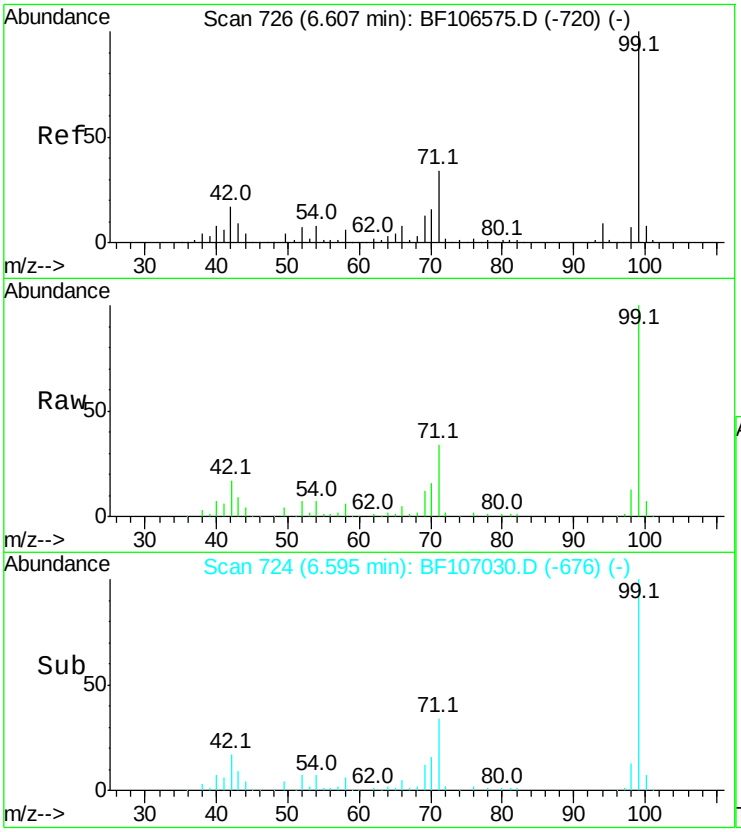


#5
2-Fluorophenol
Concen: 61.058 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:112 Resp: 255664

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	29.6	23.7	35.5

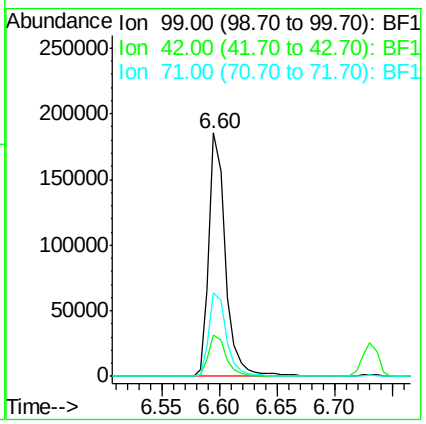




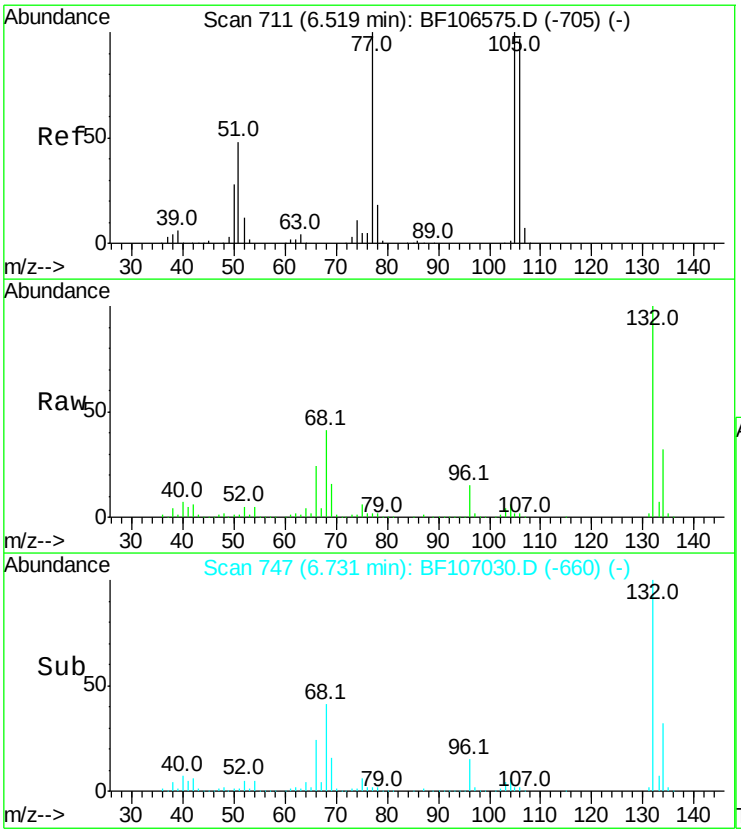
#7
Phenol-d6
Concen: 35.663 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion: 99 Resp: 186483

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.5	21.7
71	34.4	25.4	38.0



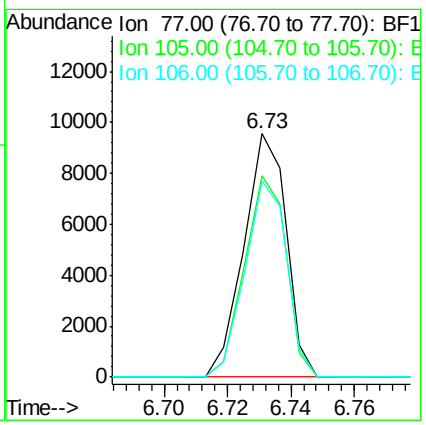
Instrument :
BNA_F
ClientSampleId :

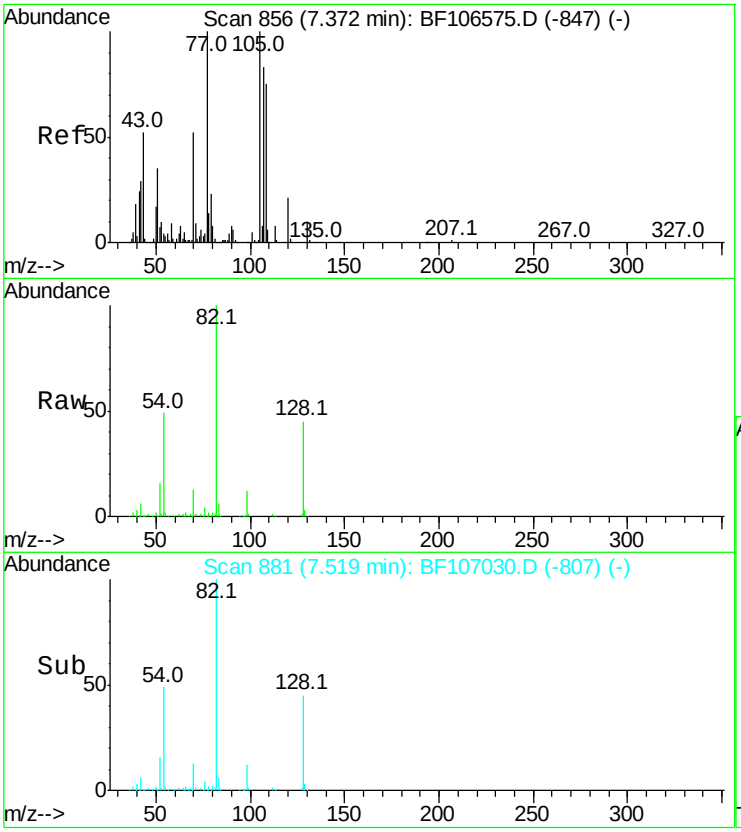


#9
Benzaldehyde
Concen: 2.022 ng
RT: 6.73 min Scan# 747
Delta R.T. 0.21 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion: 77 Resp: 8857

Ion	Ratio	Lower	Upper
77	100		
105	82.9	81.1	121.1
106	80.8	74.5	114.5



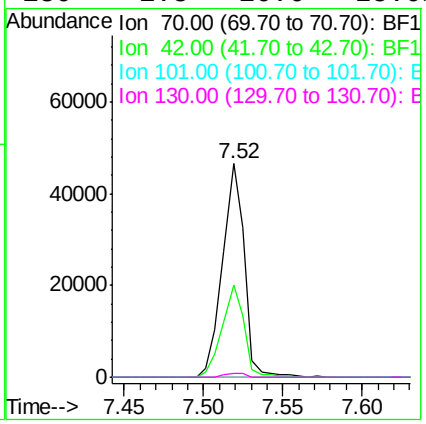


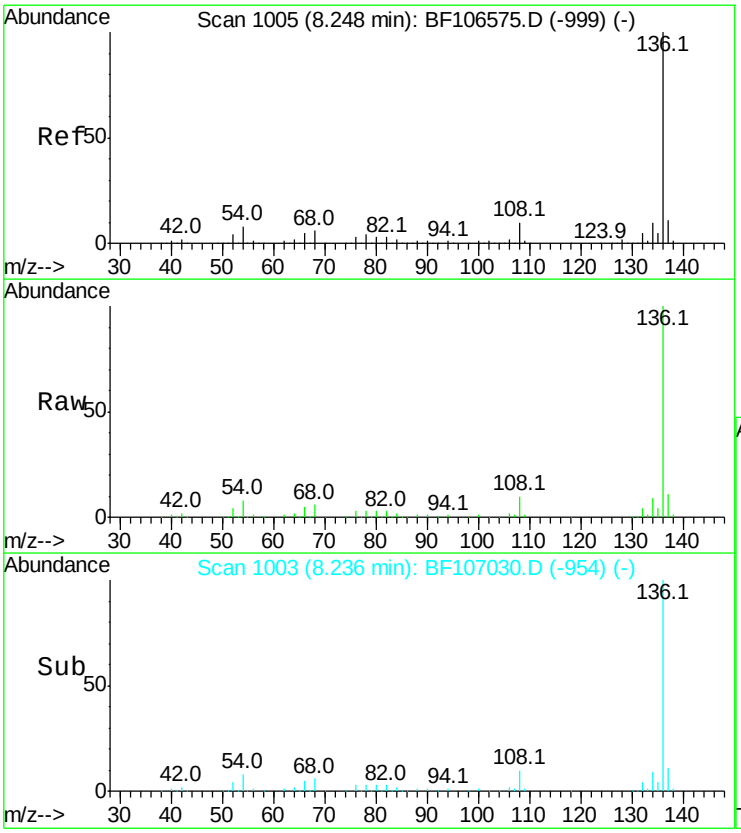
#19
n-Nitroso-di-n-propylamine
Concen: 12.913 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 44509

Ion	Ratio	Lower	Upper
70	100		
42	43.0	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#

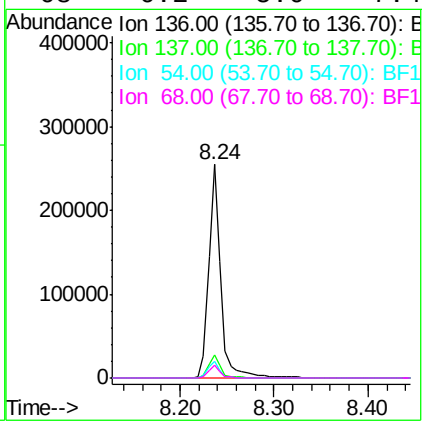


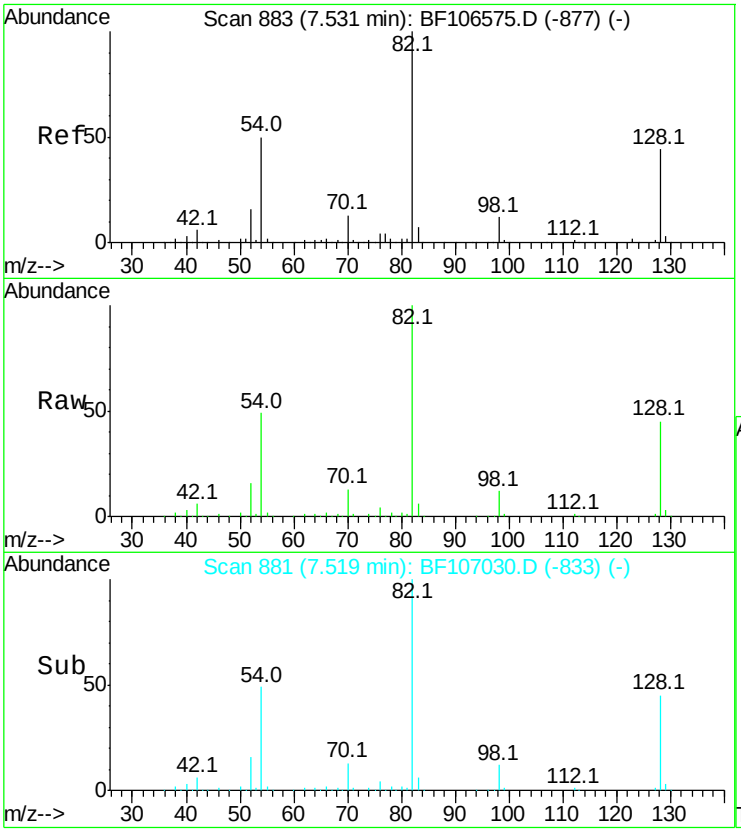


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:136 Resp: 232778

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.2	5.0	7.4



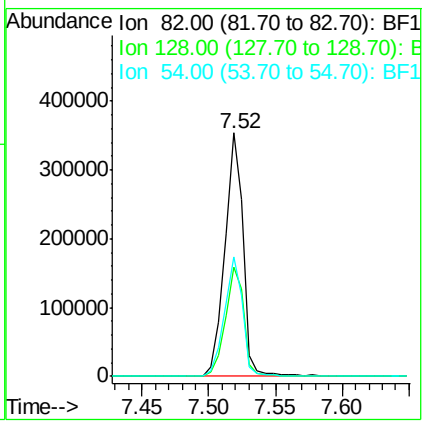


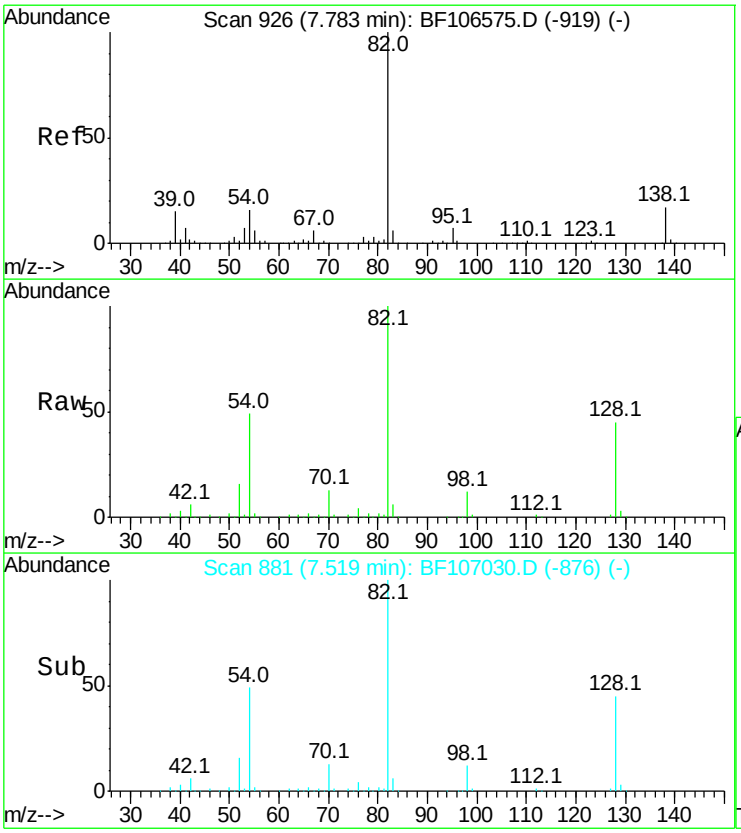
#23
Nitrobenzene-d5
Concen: 82.017 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 343540

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.0	41.4	62.2

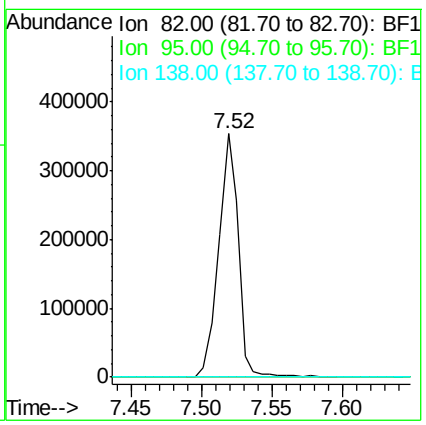


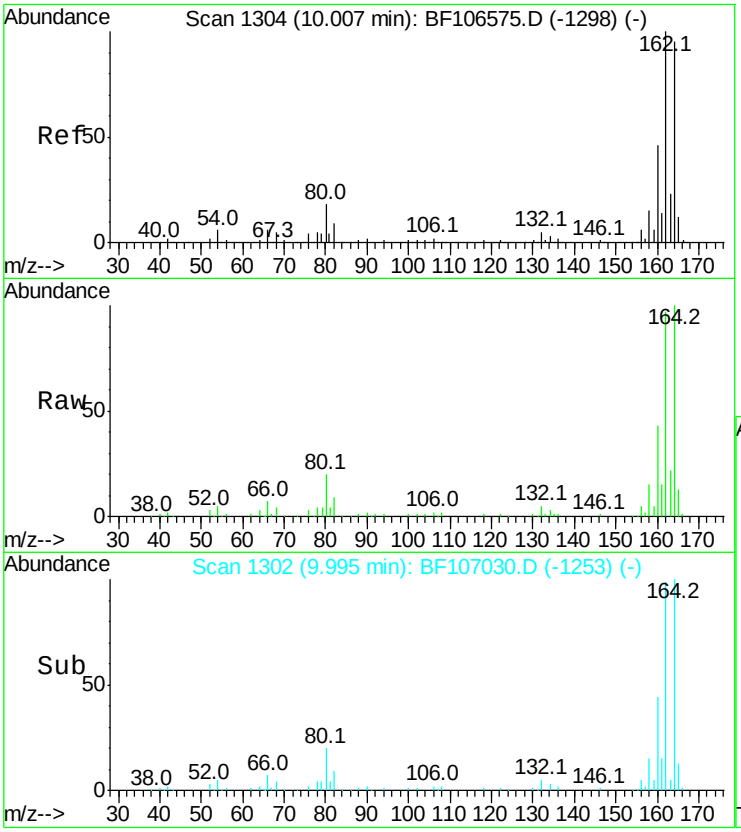


#25
Isophorone
Concen: 46.543 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion: 82 Resp: 343535

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



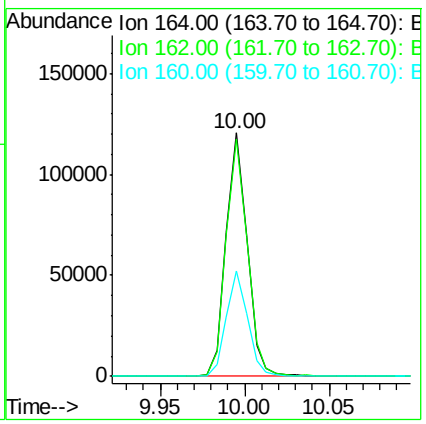


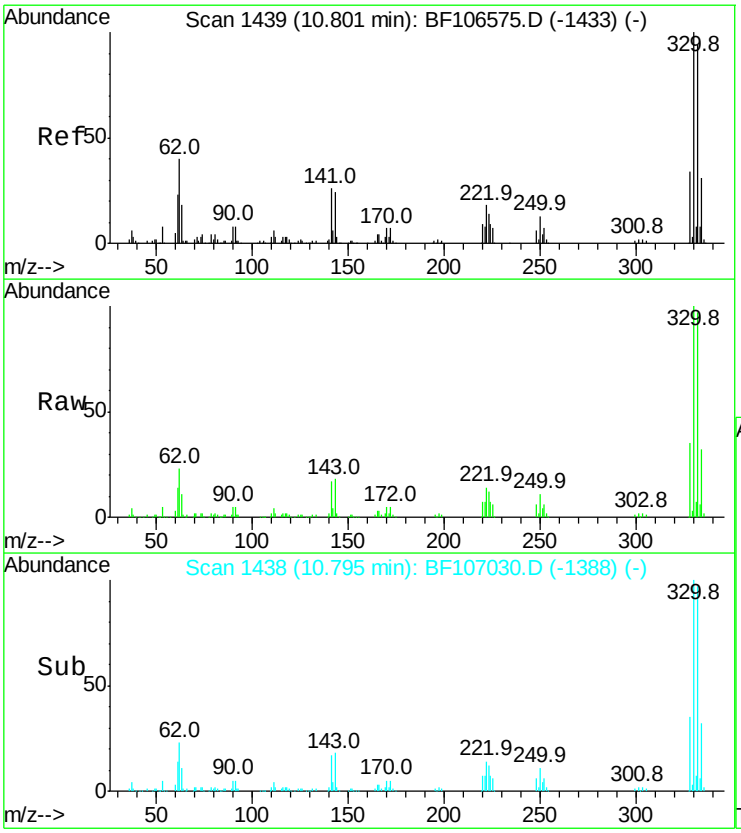
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 105523

Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	43.2	38.3	57.5

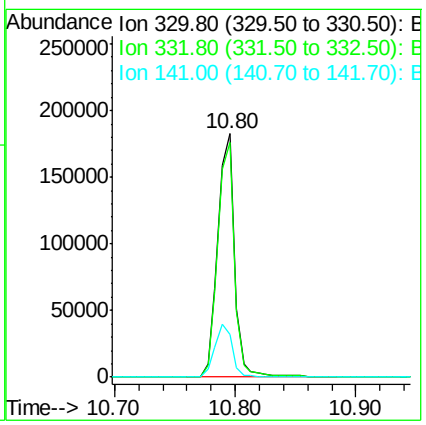


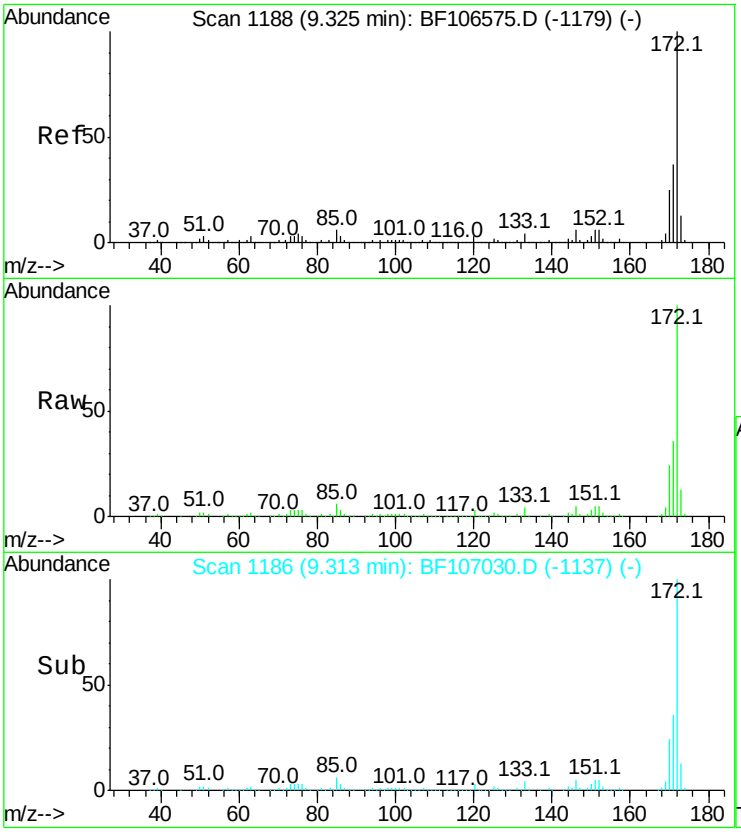


#41
2,4,6-Tribromophenol
Concen: 143.496 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:330 Resp: 175501

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	22.5	29.9	44.9#



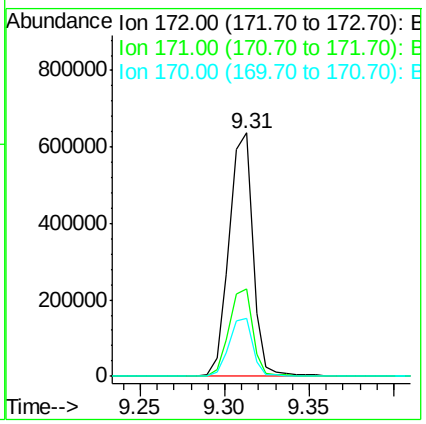


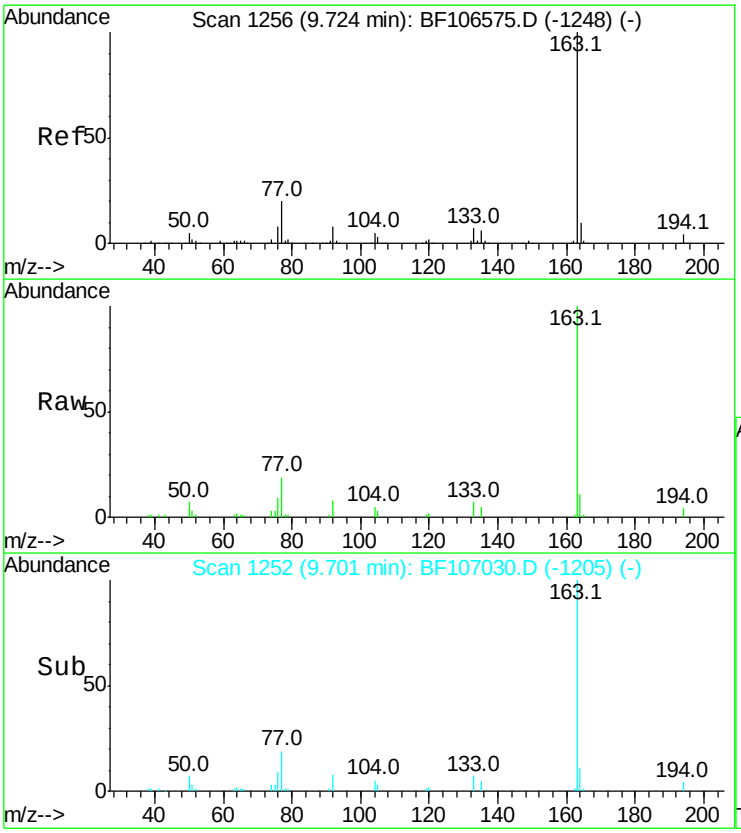
#44
2-Fluorobiphenyl
Concen: 103.627 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 625886

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

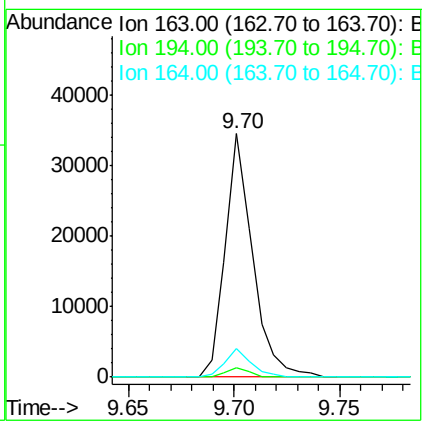


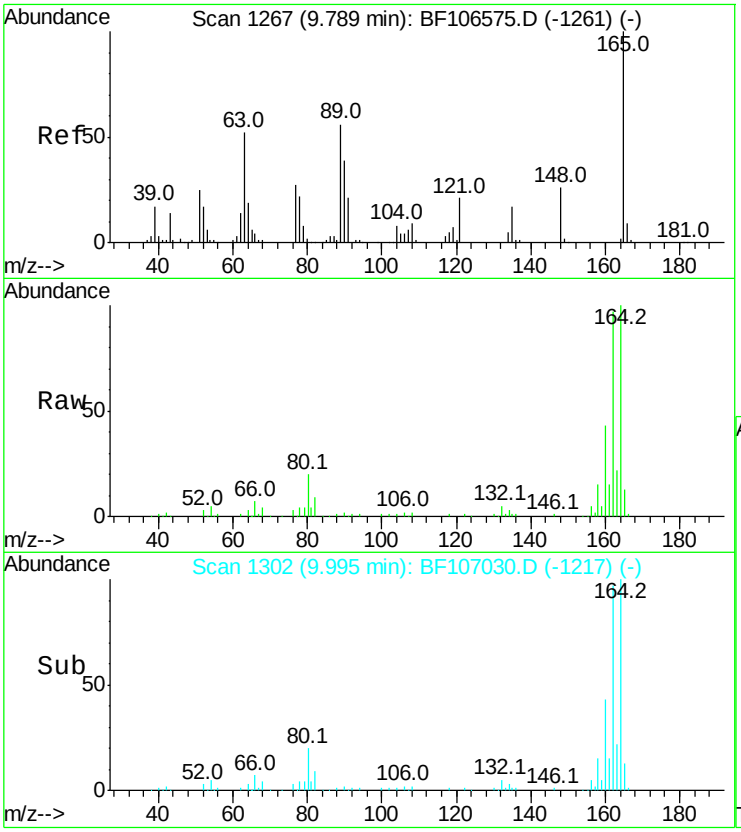


#49
Dimethylphthalate
Concen: 3.908 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:163 Resp: 30929

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	11.5	8.2	12.2



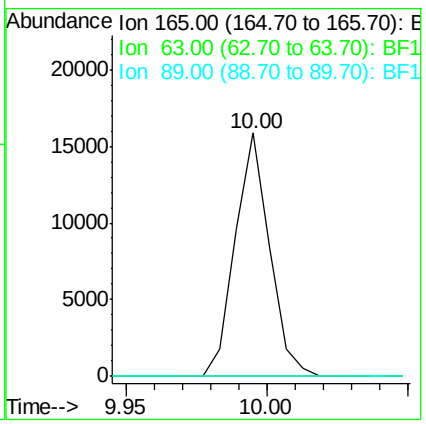


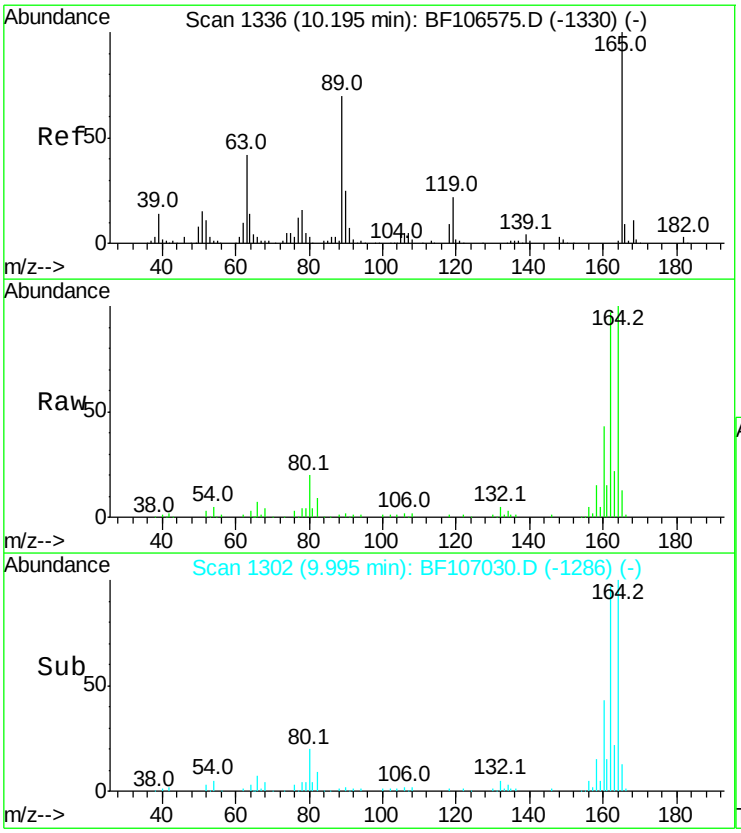
#50
2,6-Dinitrotoluene
Concen: 7.990 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 13391

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

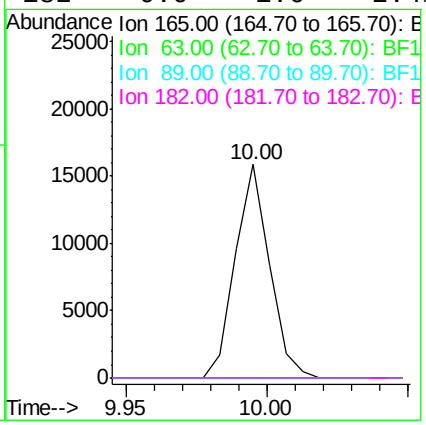


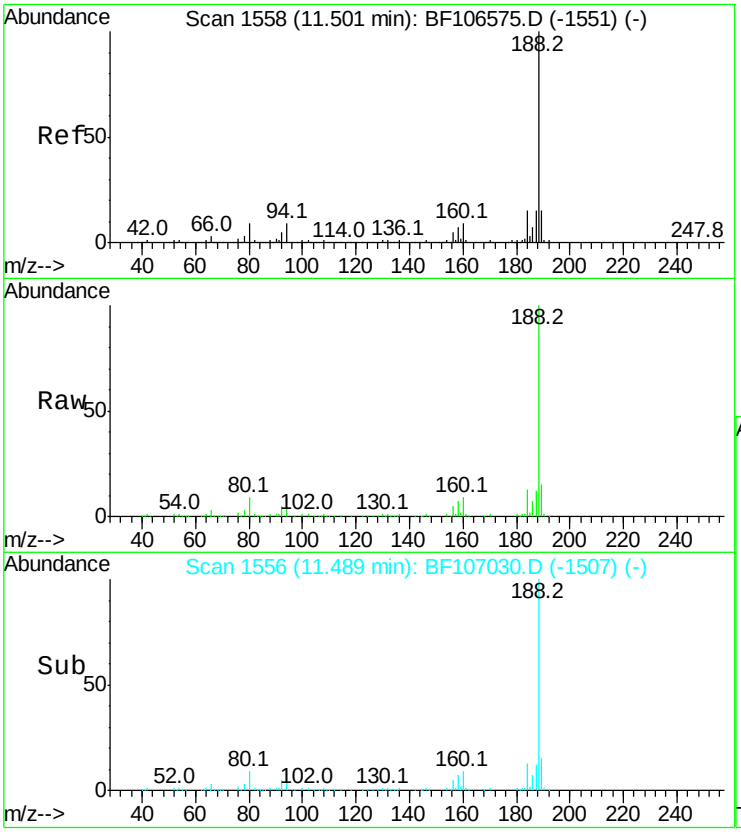


#56
2,4-Dinitrotoluene
Concen: 6.122 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:165 Resp: 13391

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#



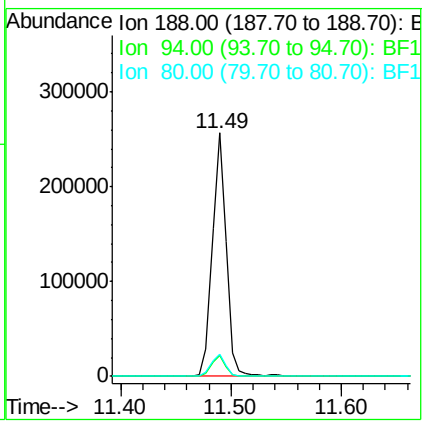


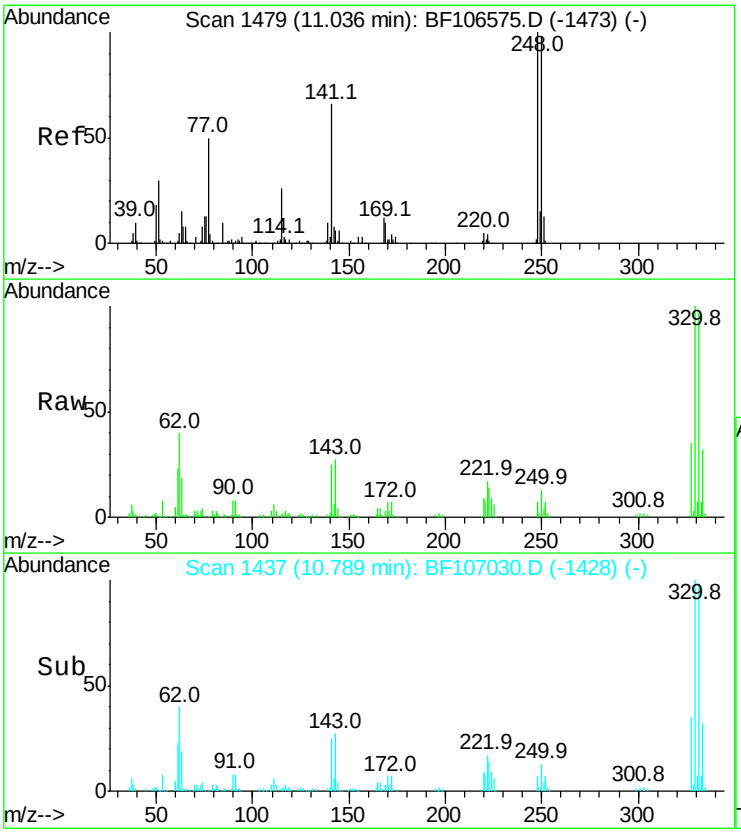
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 222250

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

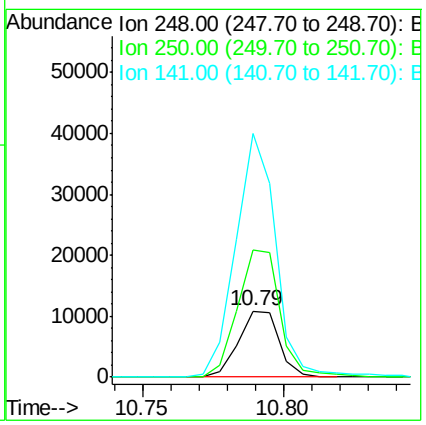


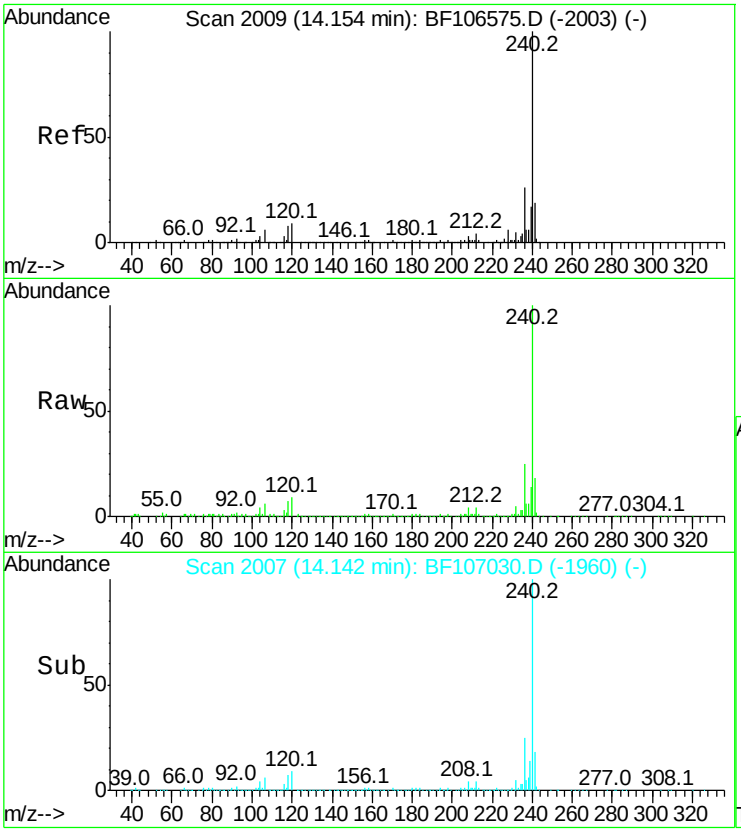


#66
4-Bromophenyl-phenylether
Concen: 4.066 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:248 Resp: 10784

Ion	Ratio	Lower	Upper
248	100		
250	191.3	76.9	115.3#
141	367.3	74.4	111.6#



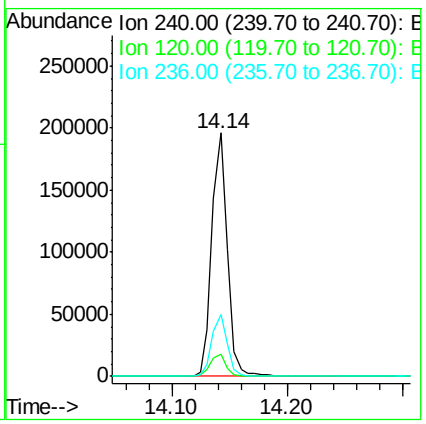


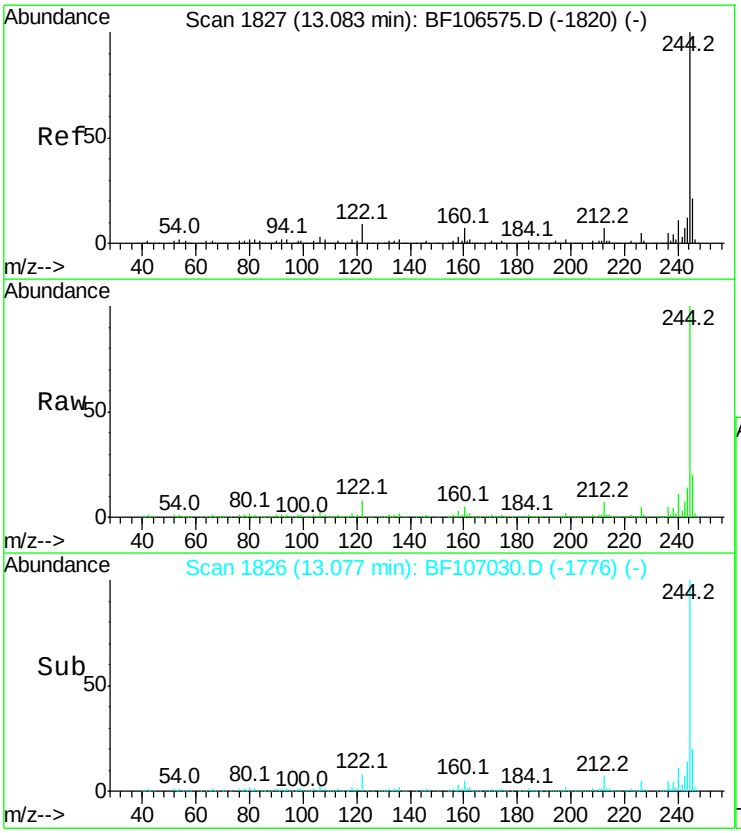
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 183967

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.4	20.7	31.1

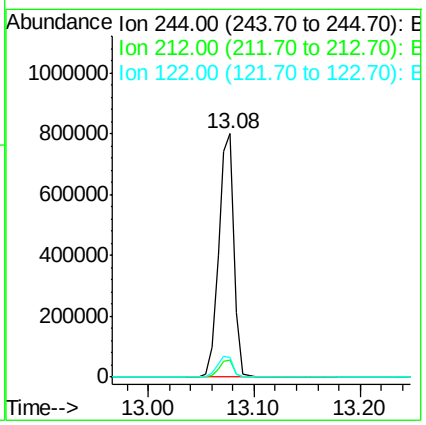


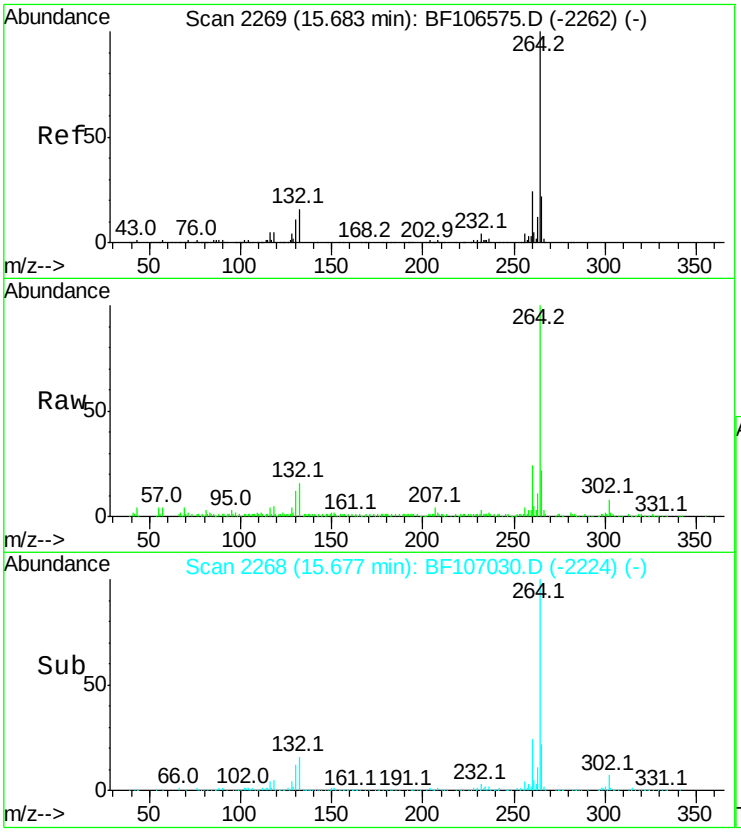


#78
Terphenyl-d14
Concen: 106.650 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107030.D
Acq: 30 Jun 2018 22:11

Tgt Ion:244 Resp: 809980

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	8.1	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: BF107030.D
Acq: 30 Jun 2018 22:11

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 132642

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3