Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
Data File : BF107290.D
Acq On : 11 Jul 2018 00:00
Operator : JU/SJ
Sample : J3912-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-CON

Quant Time: Jul 11 01:07:56 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	6.94	152	26385	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	92775	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	44208	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	95160	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	77303	20.00	ng	-0.03
86) Perylene-d12	15.67	264	56496	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	438	0.28	ng	0.00
7) Phenol-d6	6.59	99	46596	23.95	ng	-0.02
23) Nitrobenzene-d5	7.50	82	95474	57.19	ng	-0.04
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.30	172	198643	74.18	ng	-0.03
78) Terphenyl-d14	13.06	244	276513	86.65	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	12260	9.558	ng	# 73
25) Isophorone	7.50	82	95472	32.454	ng	# 64
49) Dimethylphthalate	9.69	163	30497	9.198	ng	99
56) 2,4-Dinitrotoluene	9.98	165	5671	6.188	ng	# 21

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

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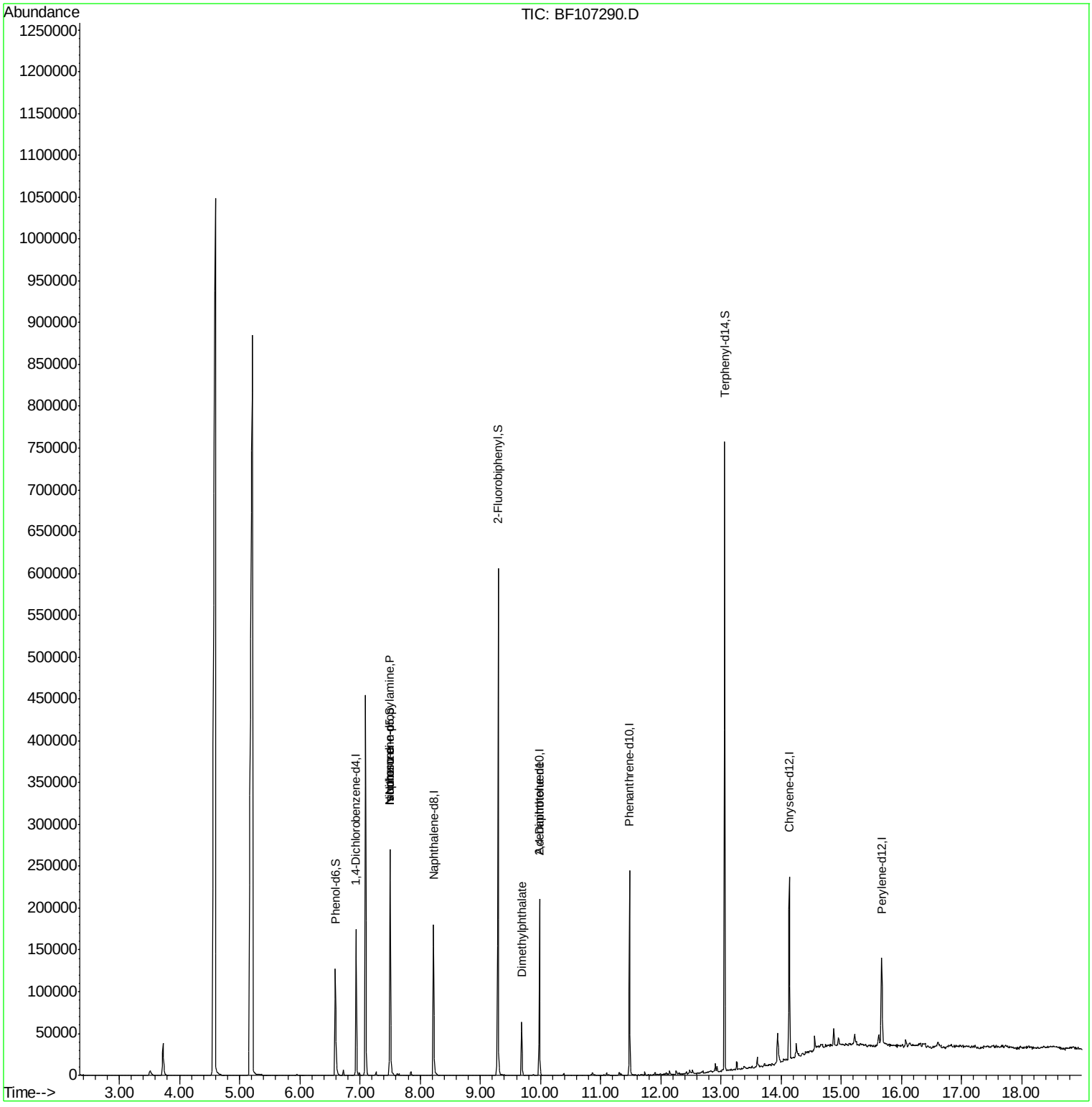
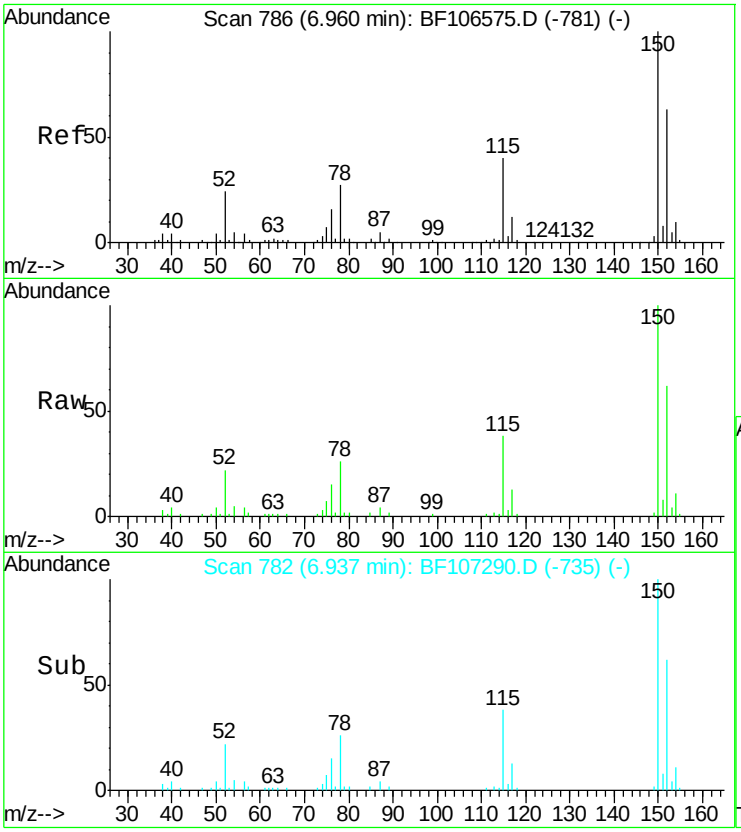


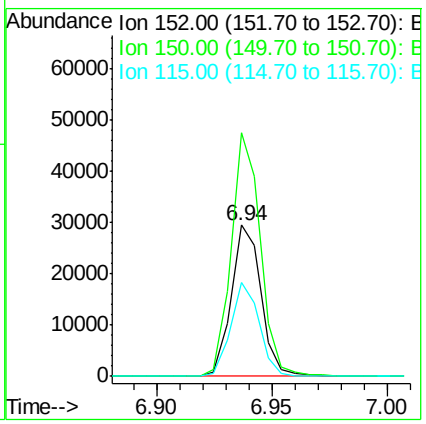


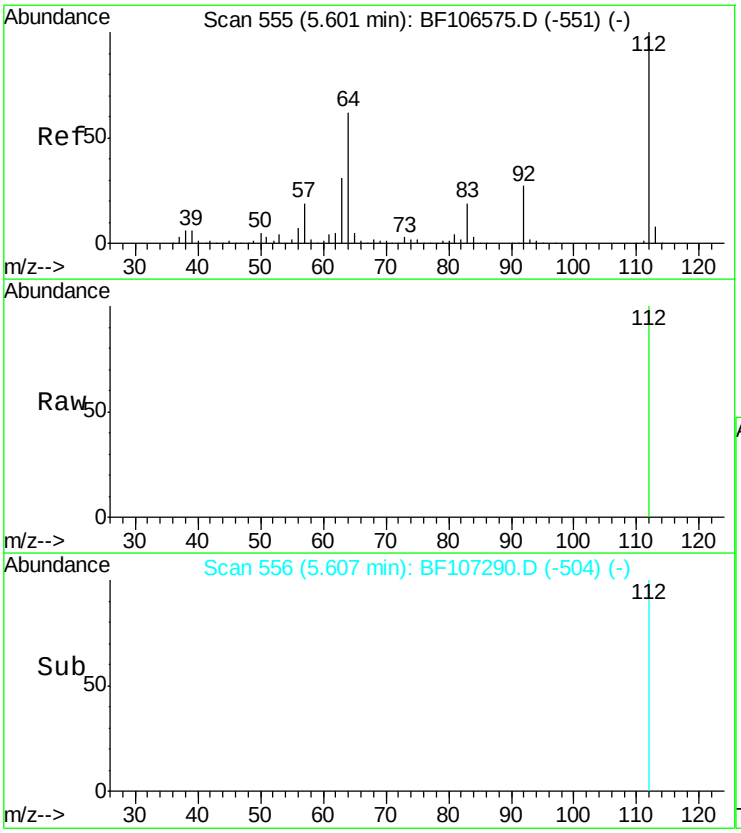
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion:152 Resp: 26385

Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	61.8	50.1	75.1

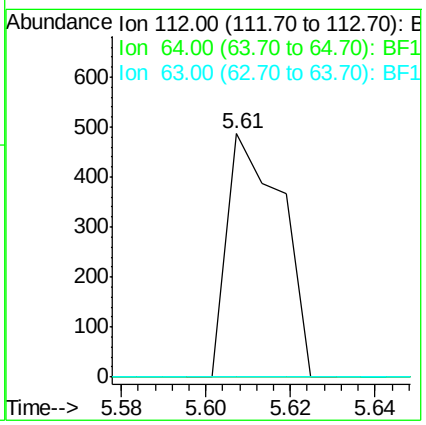


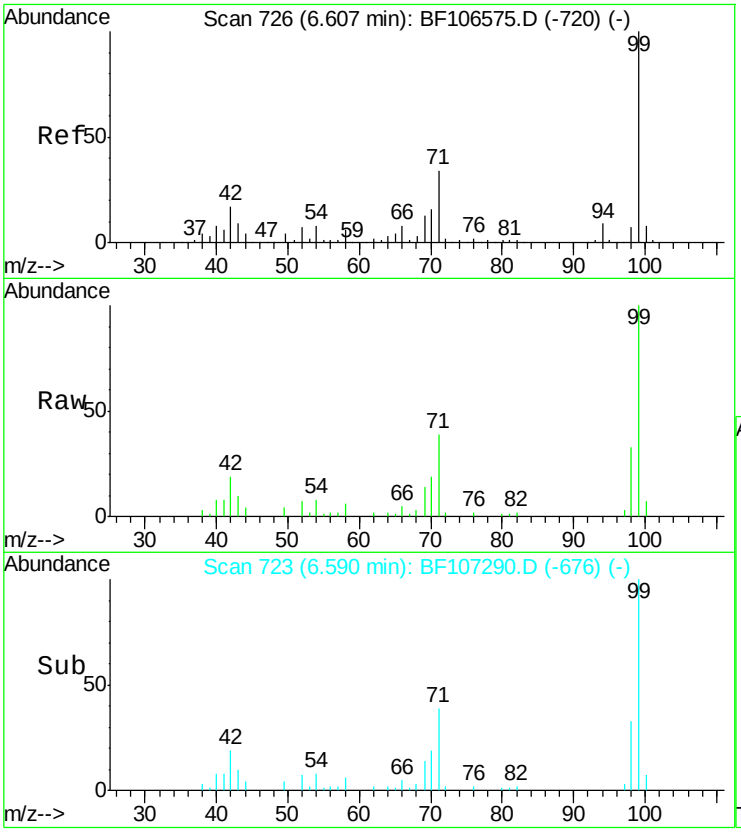


#5
2-Fluorophenol
Concen: 0.281 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion:112 Resp: 438

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



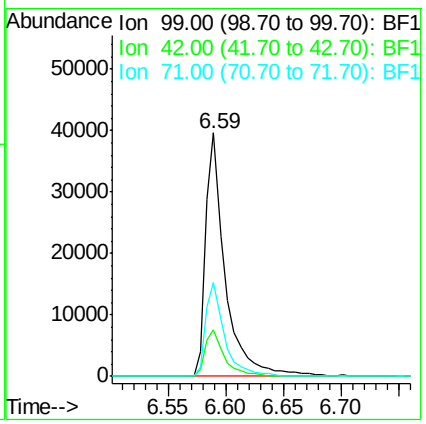


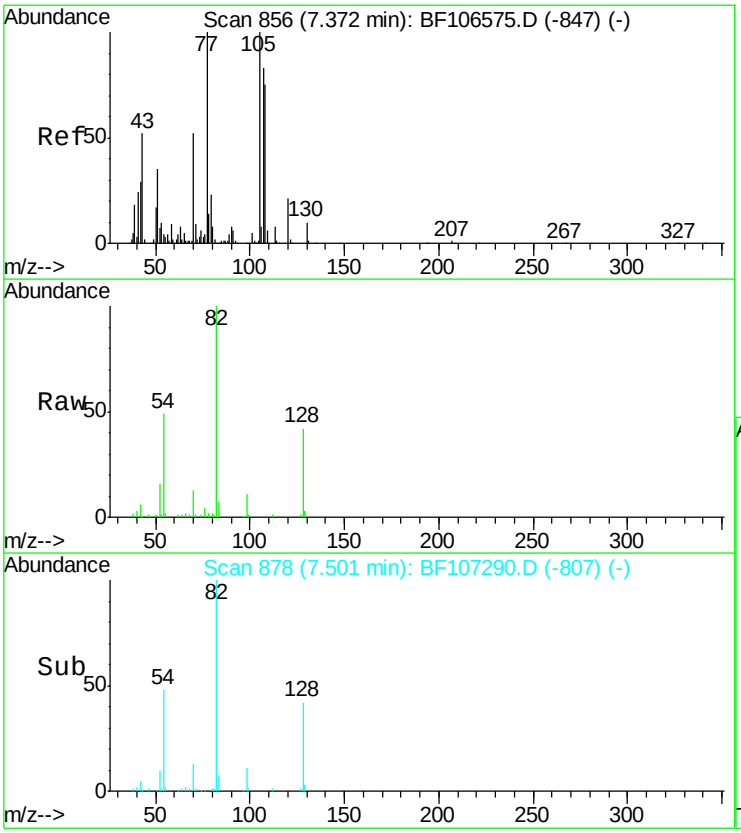
#7
Phenol-d6
Concen: 23.946 ng
RT: 6.59 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion: 99 Resp: 46596

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	38.7	25.4	38.0#

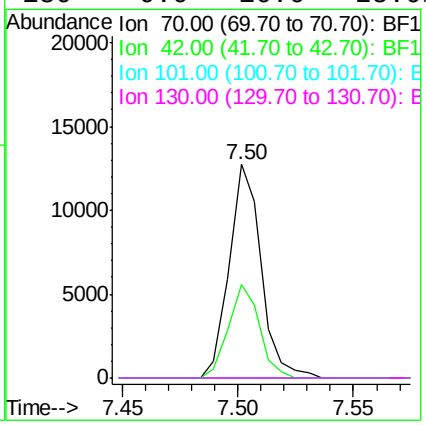


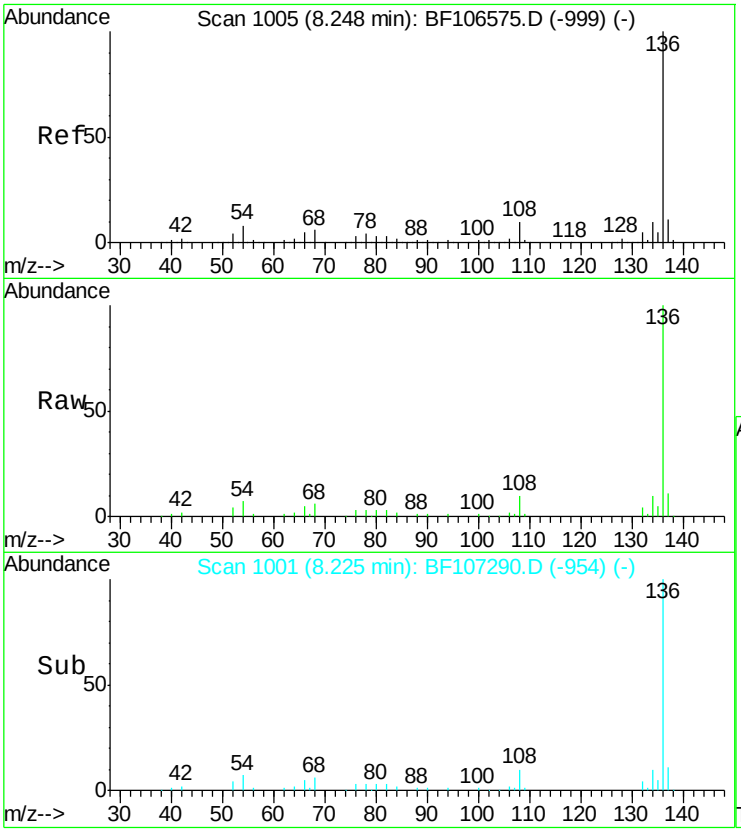


#19
n-Nitroso-di-n-propylamine
Concen: 9.558 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion: 70 Resp: 12260

Ion	Ratio	Lower	Upper
70	100		
42	43.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



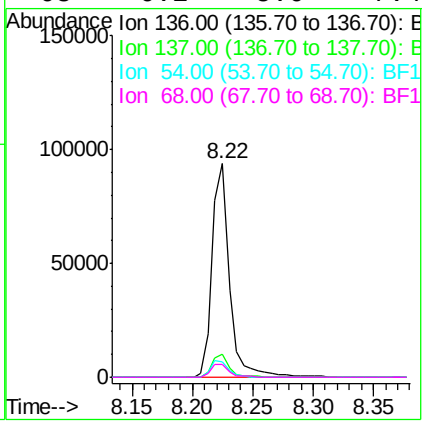


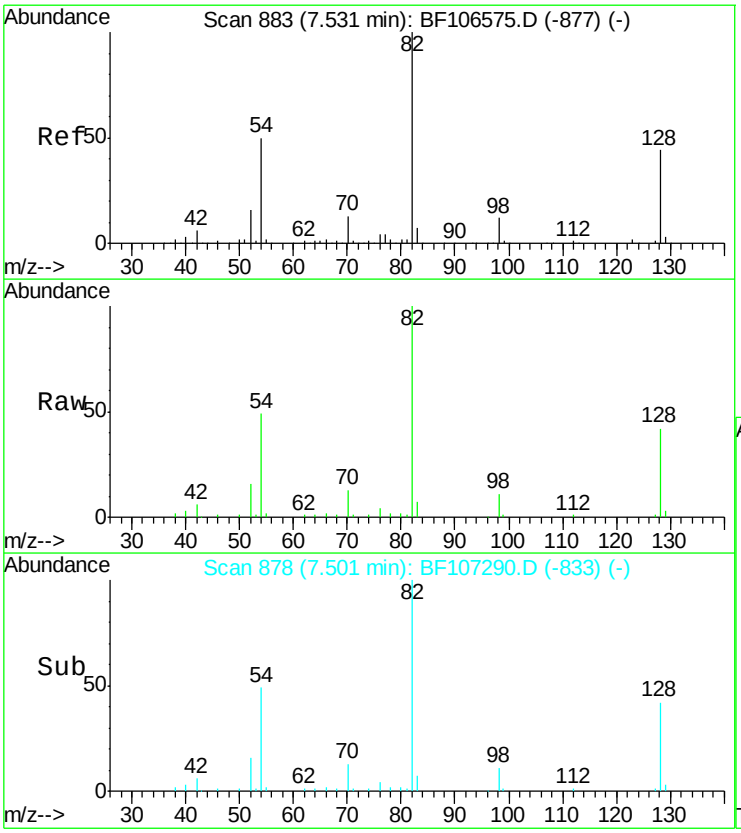
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion:136 Resp: 92775

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.5	6.6	9.8
68	6.2	5.0	7.4

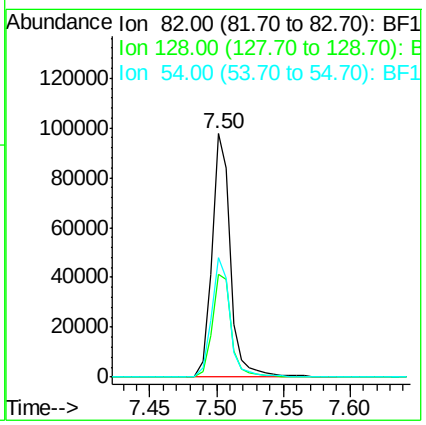


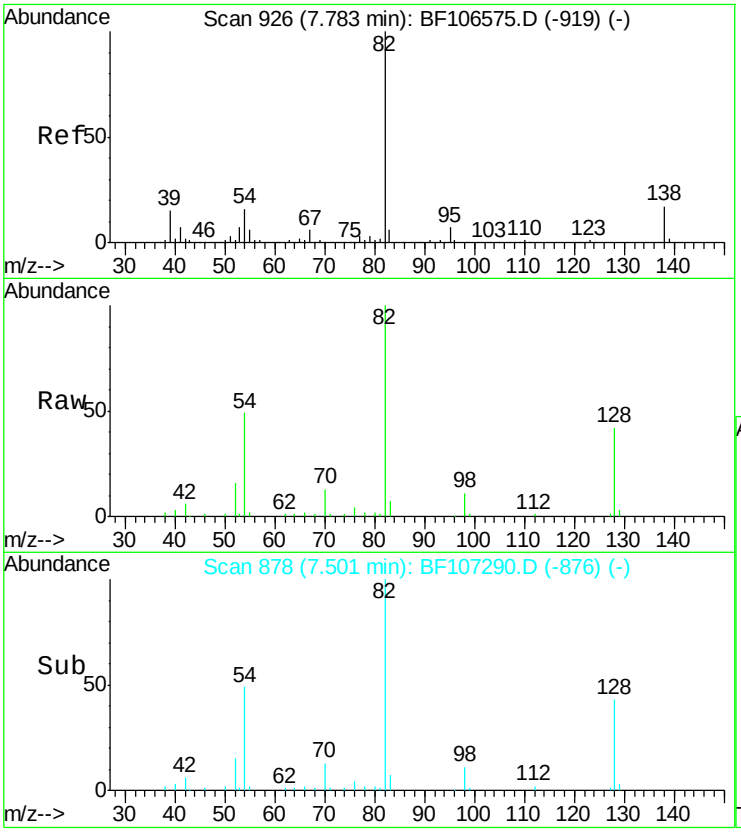


#23
Nitrobenzene-d5
Concen: 57.190 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion: 82 Resp: 95474

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	49.2	41.4	62.2



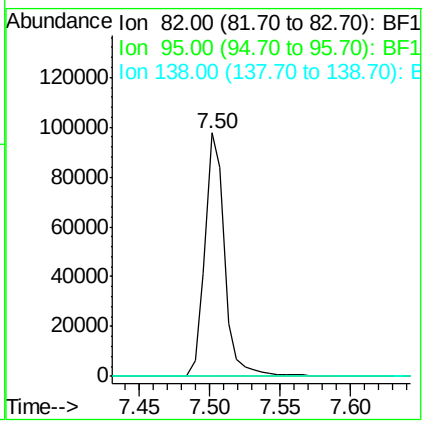


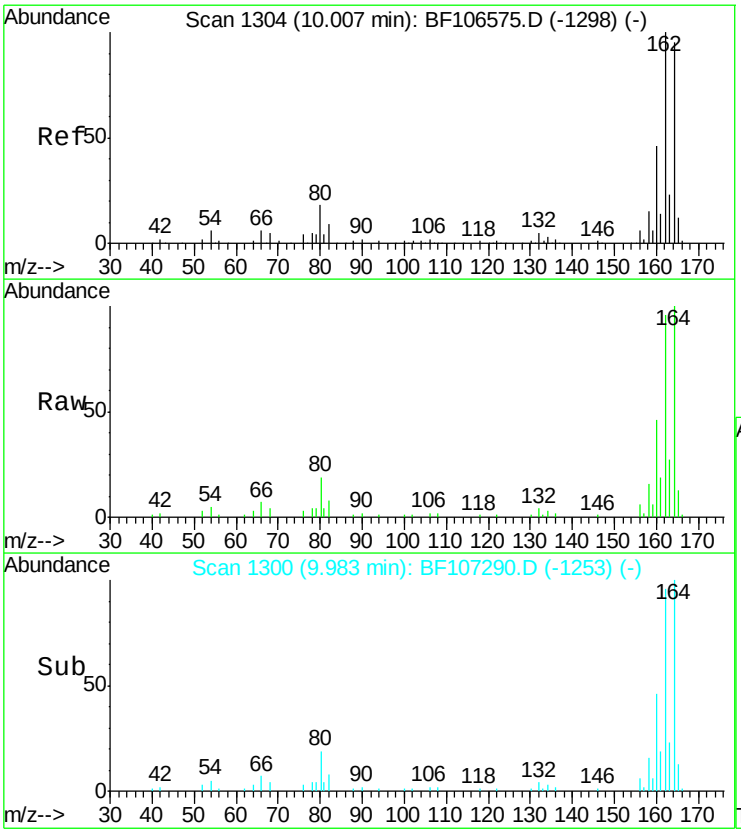
#25
Isophorone
Concen: 32.454 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion: 82 Resp: 95472

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

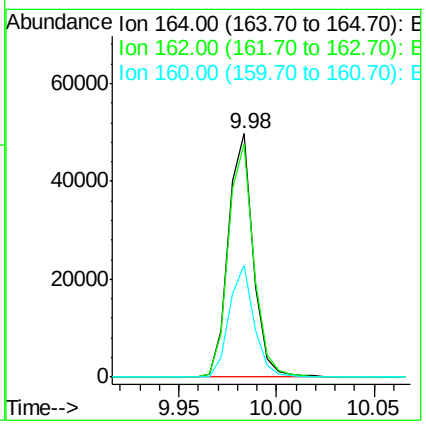


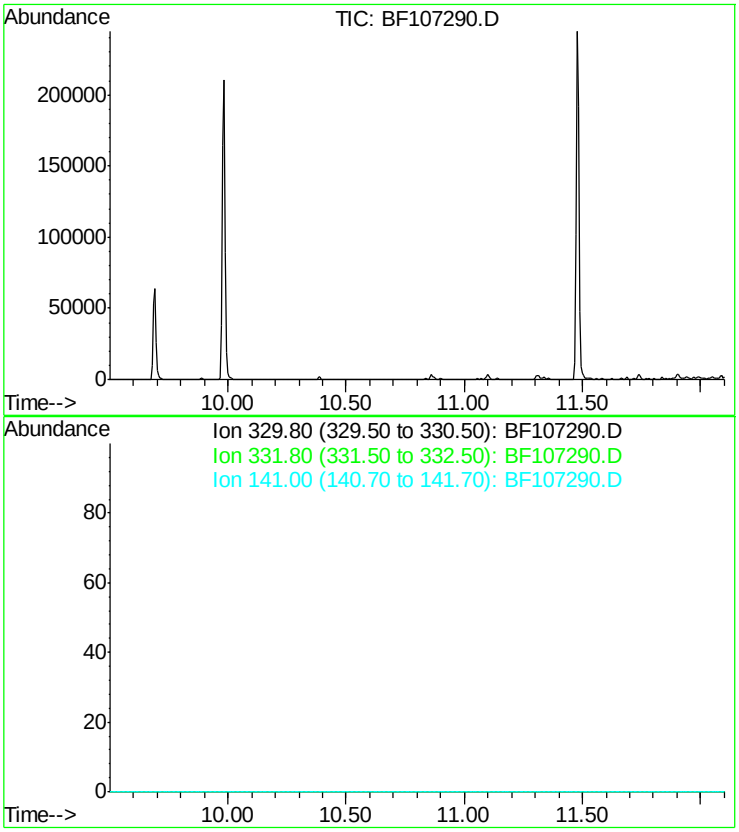


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion:164 Resp: 44208

Ion	Ratio	Lower	Upper
164	100		
162	96.0	86.1	129.1
160	45.7	38.3	57.5





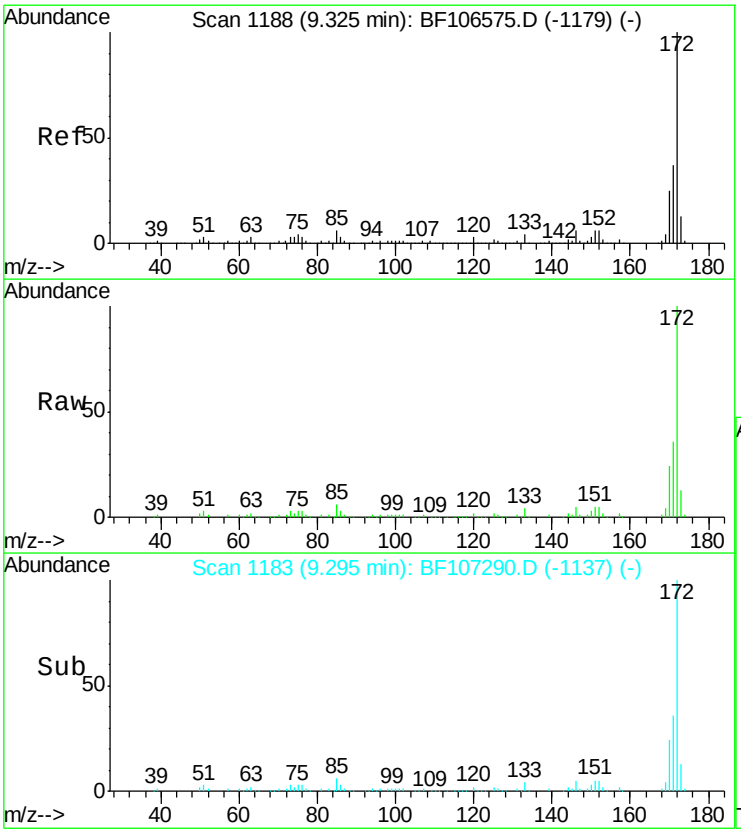
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.80 min

Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

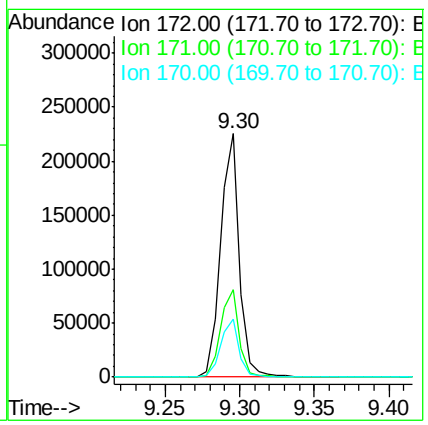
Instrument :
BNA_F
ClientSampleId :
GS-CON

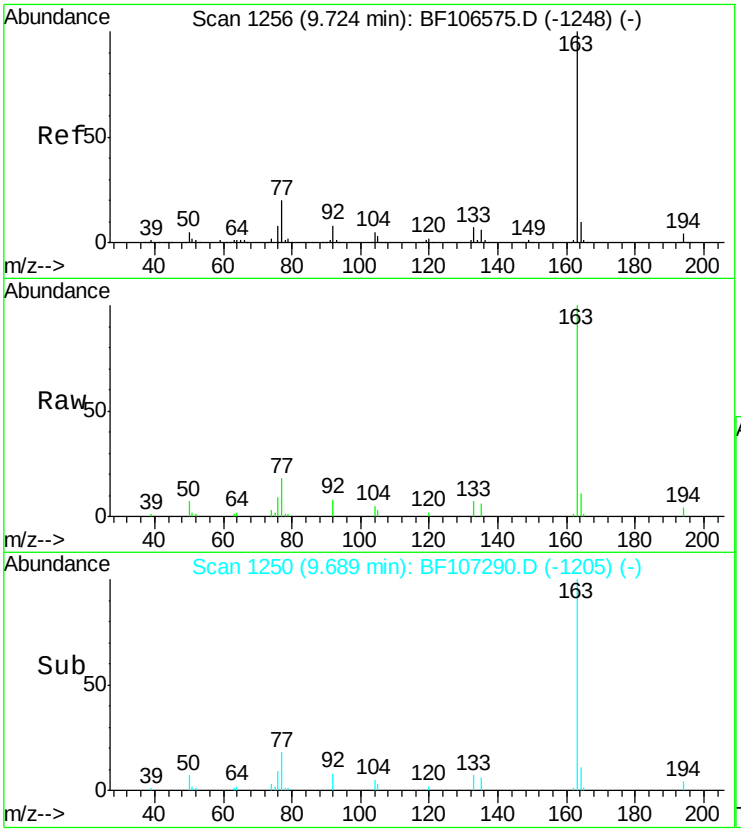


#44
2-Fluorobiphenyl
Concen: 74.178 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion:172 Resp: 198643

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4



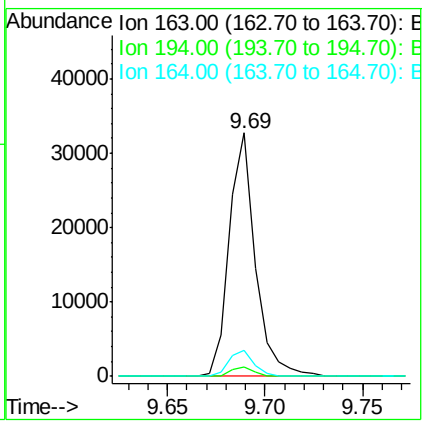


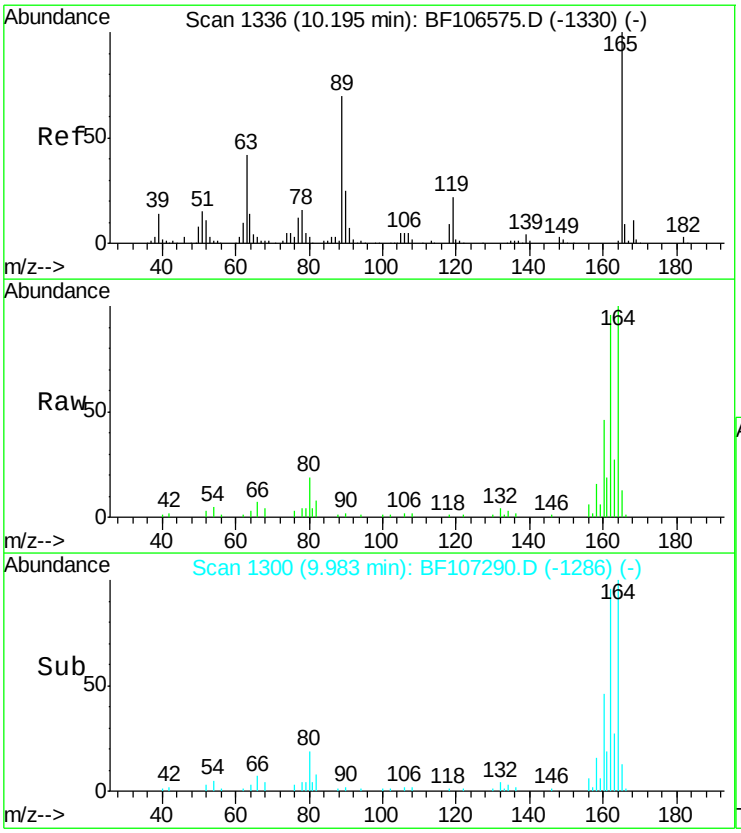
#49
Dimethylphthalate
Concen: 9.198 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion:163 Resp: 30497

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	8.2	12.2

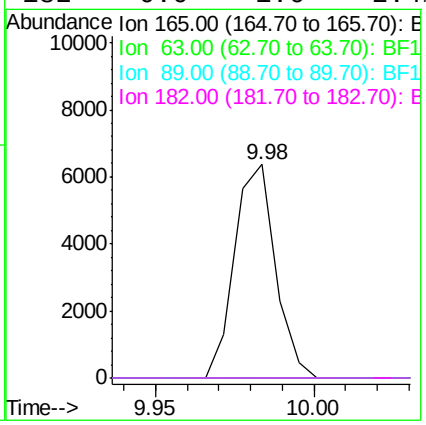


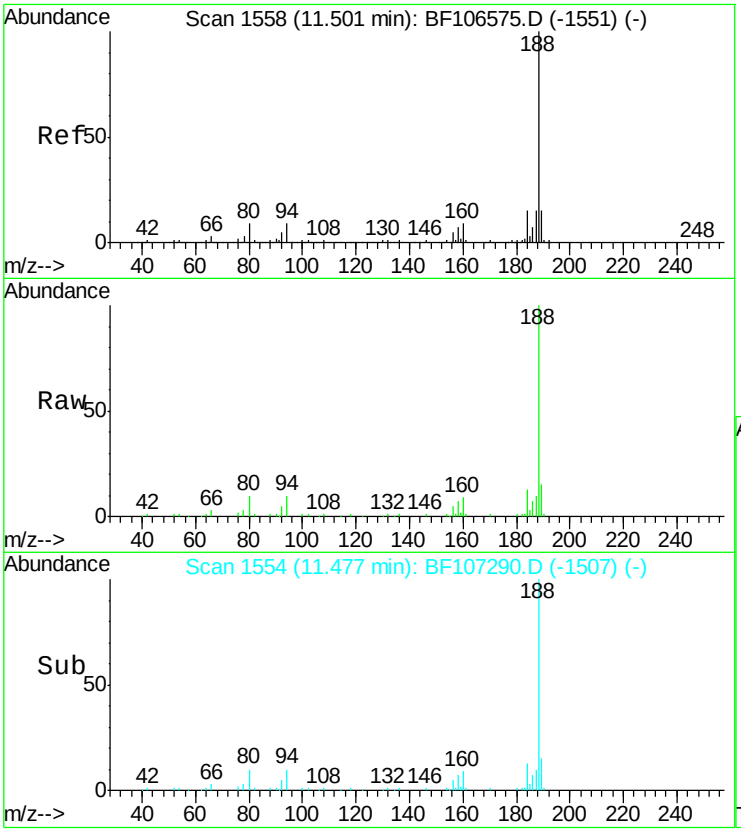


#56
2,4-Dinitrotoluene
Concen: 6.188 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.22 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion:165 Resp: 5671

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#



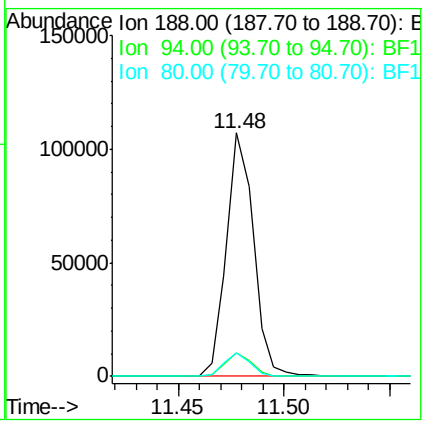


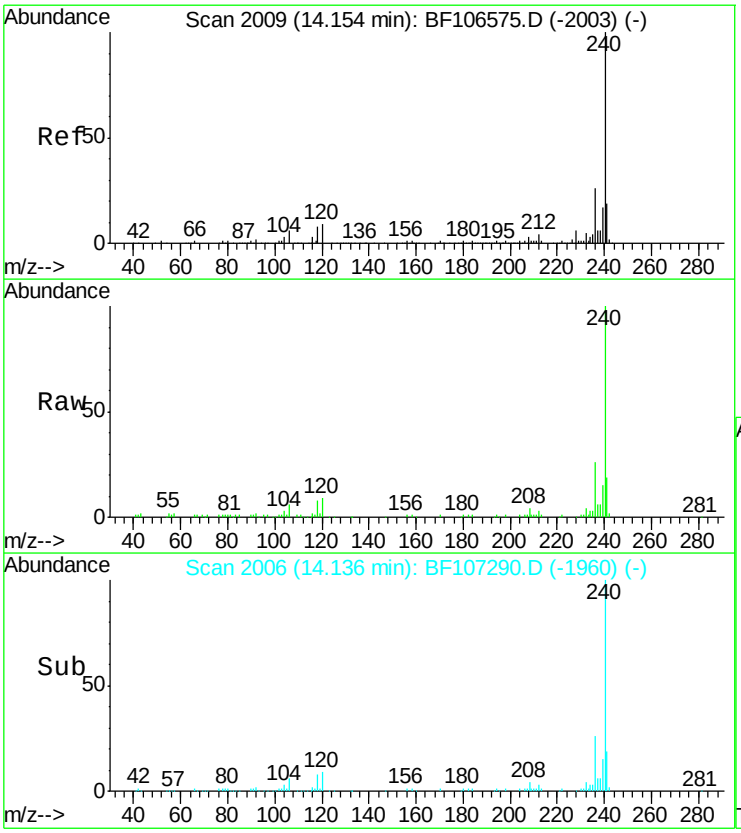
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion:188 Resp: 95160

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	9.9	9.2	13.8

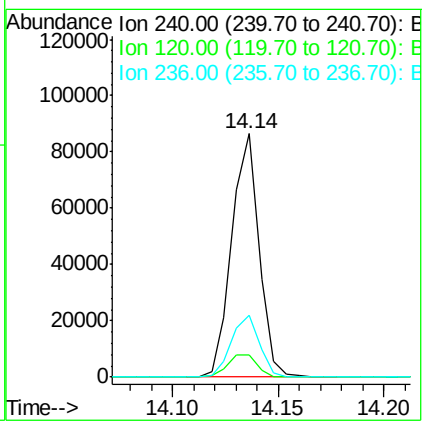


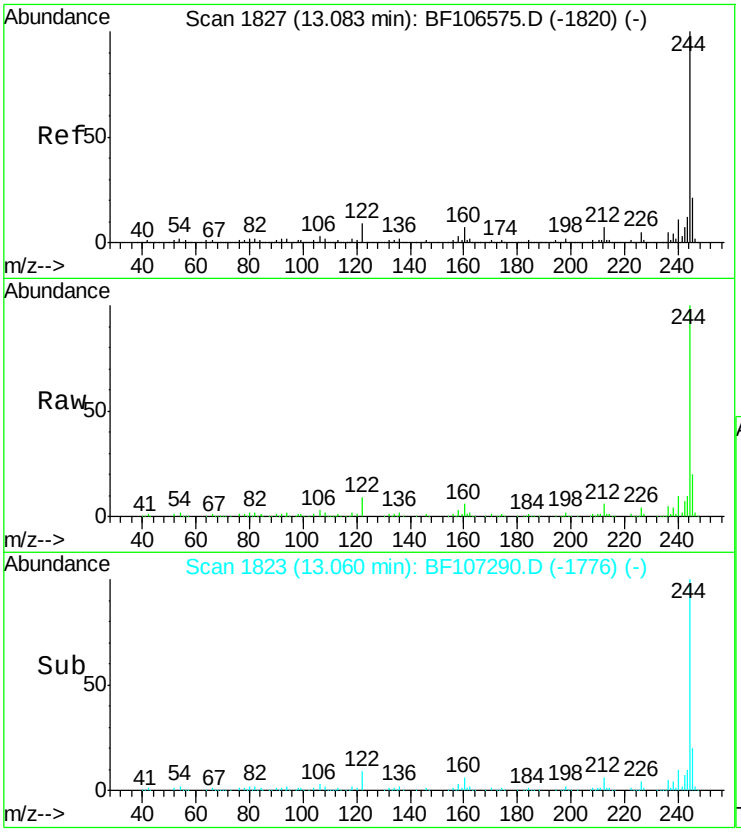


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion:240 Resp: 77303

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.6	20.7	31.1



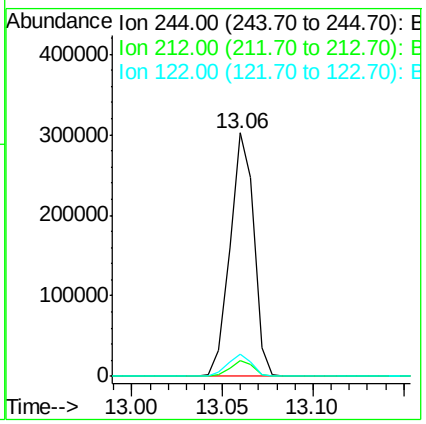


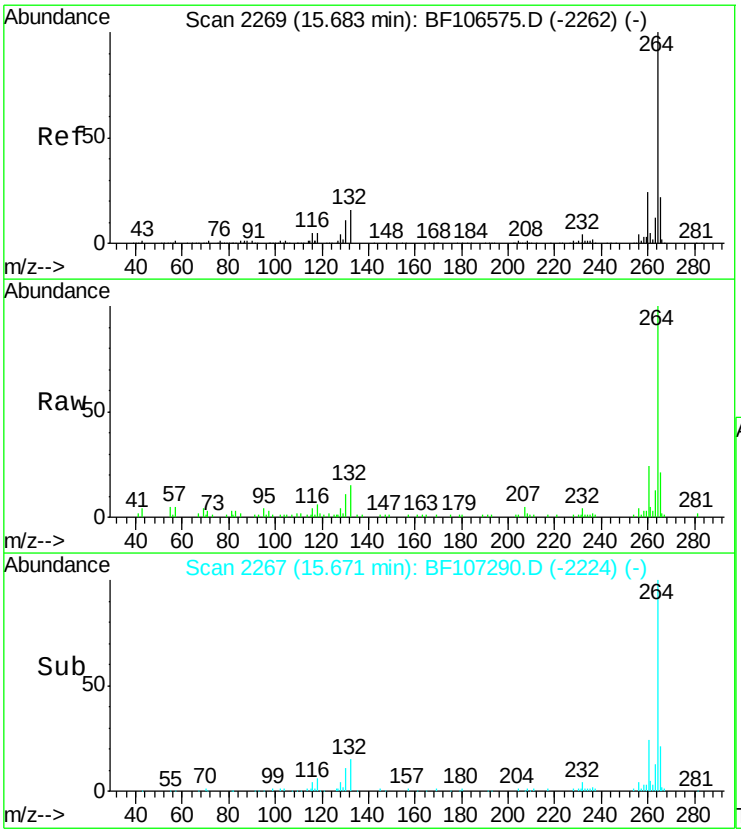
#78
Terphenyl-d14
Concen: 86.646 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Instrument :
BNA_F
ClientSampleId :
GS-CON

Tgt Ion:244 Resp: 276513

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.1	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107290.D
Acq: 11 Jul 2018 00:00

Tgt Ion:264 Resp: 56496

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	17.5	26.3