Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107548.D
Acq On : 21 Jul 2018 2:16
Operator : JU/SJ
Sample : J3828-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-02-071818-B

Quant Time: Jul 21 04:56:24 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	320746	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1189859	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	436227	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	790859	20.00	ng	0.00
75) Chrysene-d12	14.16	240	727300	20.00	ng	0.00
86) Perylene-d12	15.70	264	519623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	993019	49.78	ng	0.00
7) Phenol-d6	6.60	99	1236872	51.64	ng	-0.01
23) Nitrobenzene-d5	7.54	82	703492	39.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	247444	49.88	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1208355	40.16	ng	0.00
78) Terphenyl-d14	13.09	244	1109418	39.05	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	2433	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	92342	5.967	ng	# 84
25) Isophorone	7.54	82	703488	18.688	ng	# 64
32) Benzoic acid	7.92	122	112	7.908	ng	# 1
49) Dimethylphthalate	9.72	163	124140	3.776	ng	99
50) 2,6-Dinitrotoluene	10.01	165	56948	8.724	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	56948	7.228	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	570	8.803	ng	# 1
73) Di-n-butylphthalate	12.05	149	1953	Below Cal	#	52
81) 3,3'-Dichlorobenzidine	14.12	252	2120	Below Cal	#	69

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107548.D
Acq On : 21 Jul 2018 2:16
Operator : JU/SJ
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Misc :
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Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Quant Time: Jul 21 04:56:24 2018
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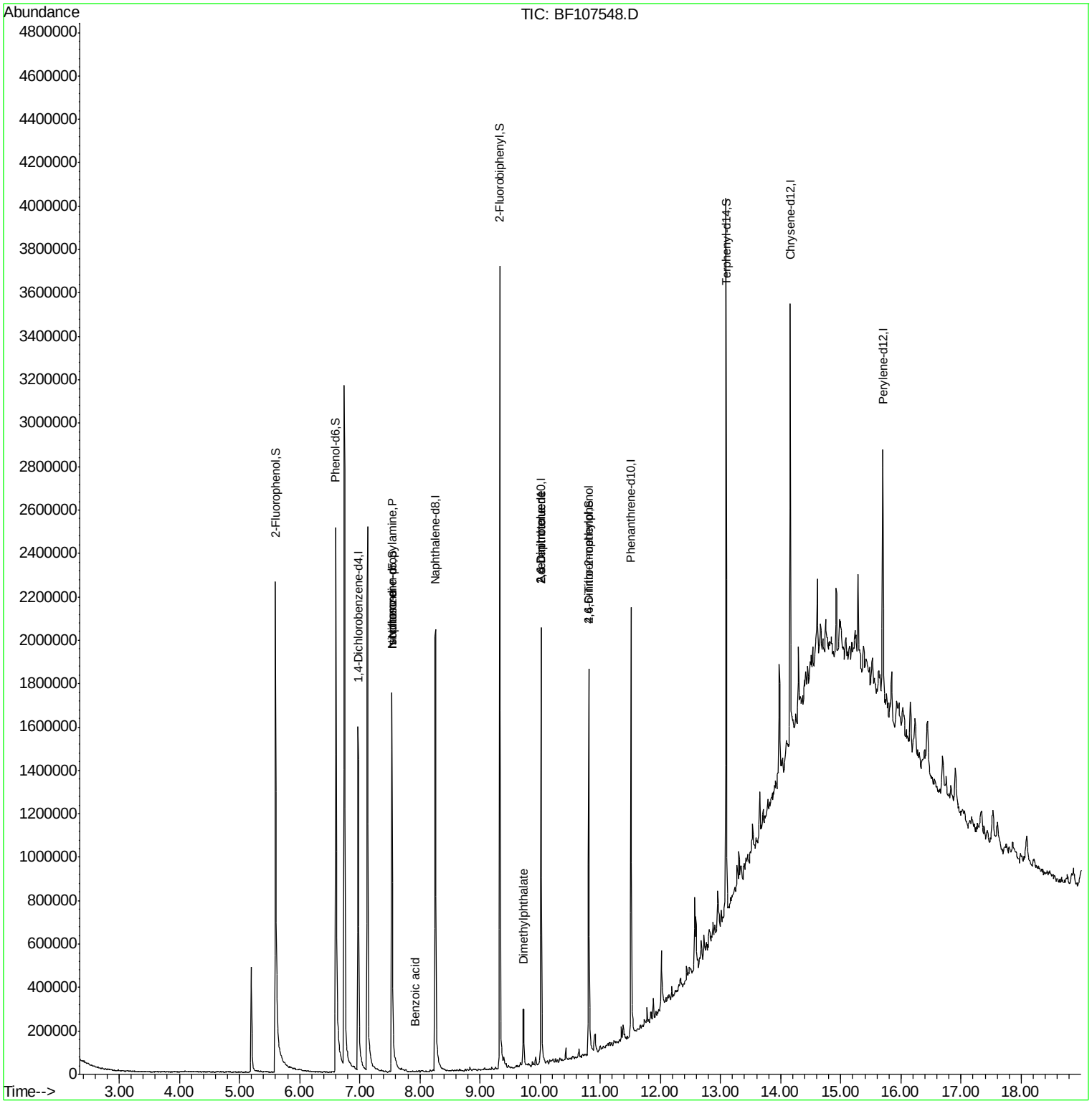
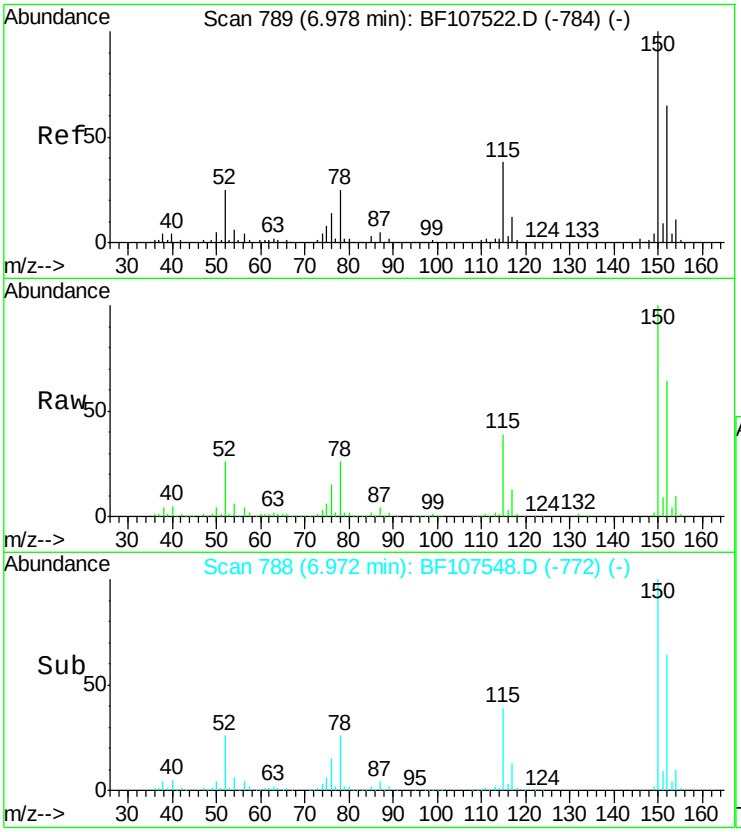
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration



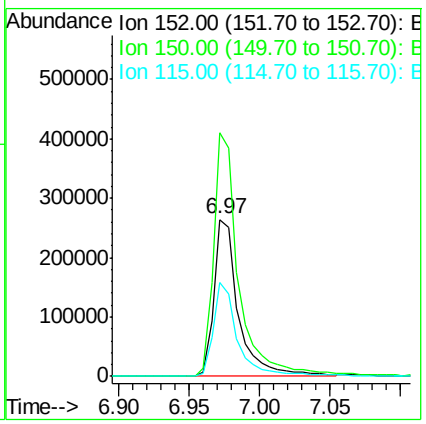


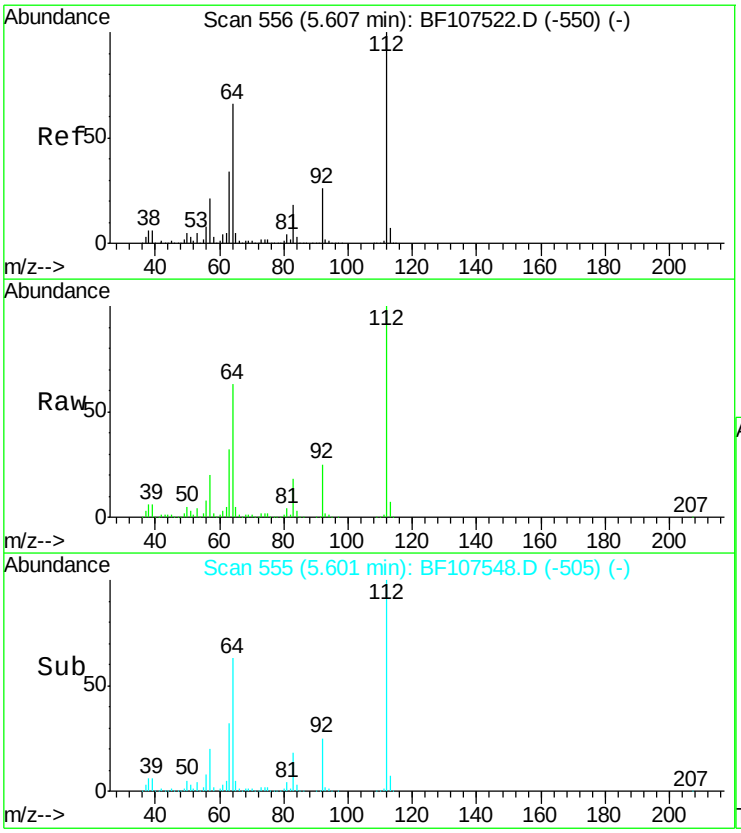
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:152 Resp: 320746

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	60.0	50.1	75.1

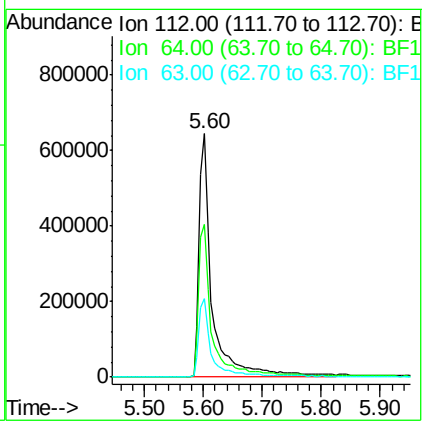


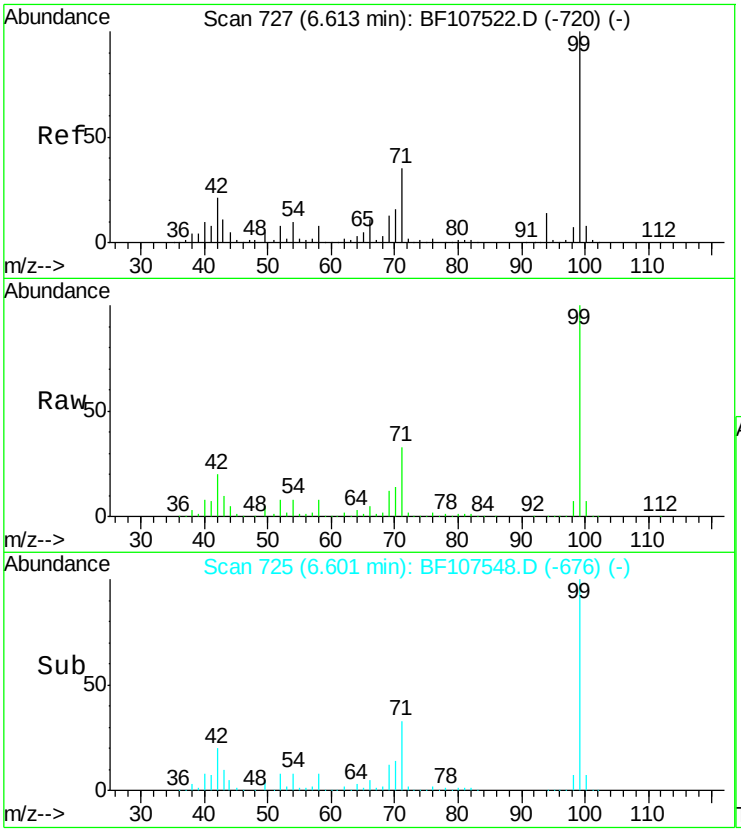


#5
2-Fluorophenol
Concen: 49.777 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:112 Resp: 993019

Ion	Ratio	Lower	Upper
112	100		
64	63.0	47.9	71.9
63	32.0	23.7	35.5



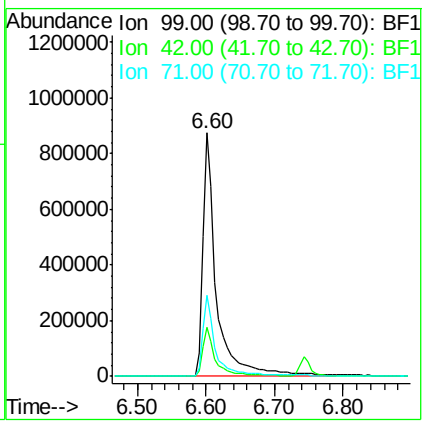


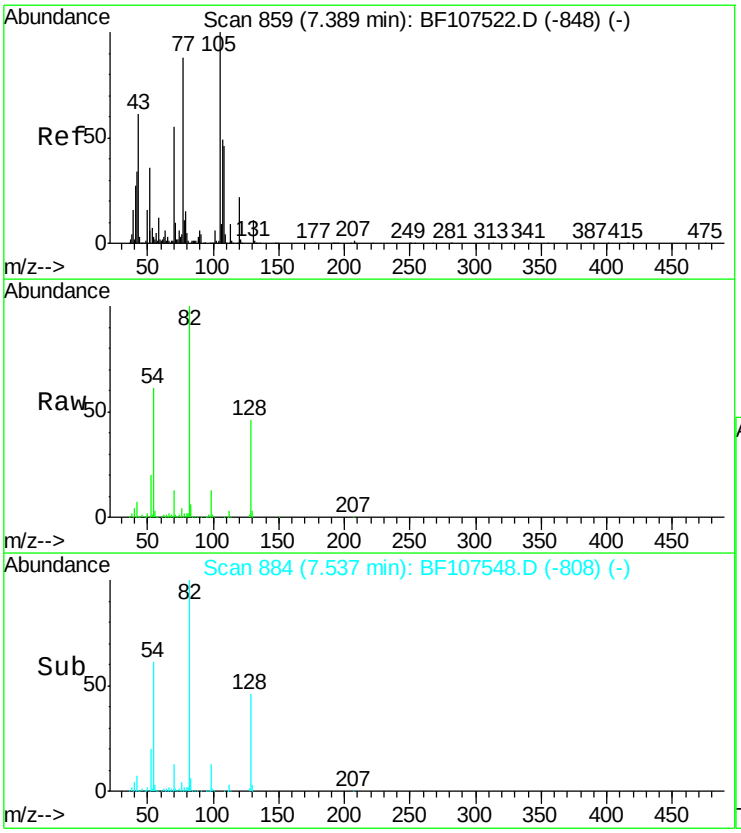
#7
Phenol-d6
Concen: 51.636 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion: 99 Resp: 1236872

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	33.5	25.4	38.0

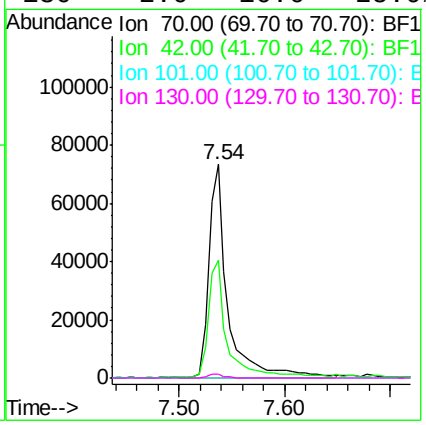


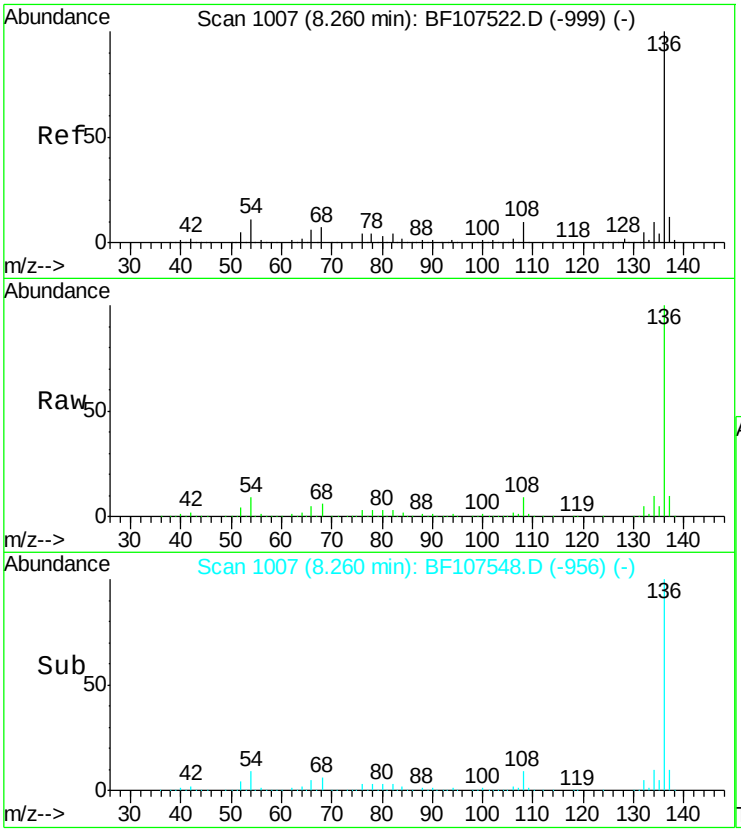


#19
n-Nitroso-di-n-propylamine
Concen: 5.967 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion: 70 Resp: 92342

Ion	Ratio	Lower	Upper
70	100		
42	55.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



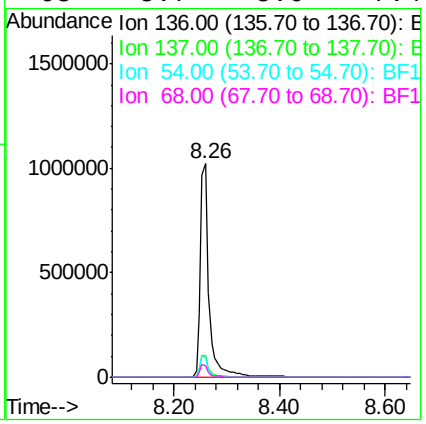


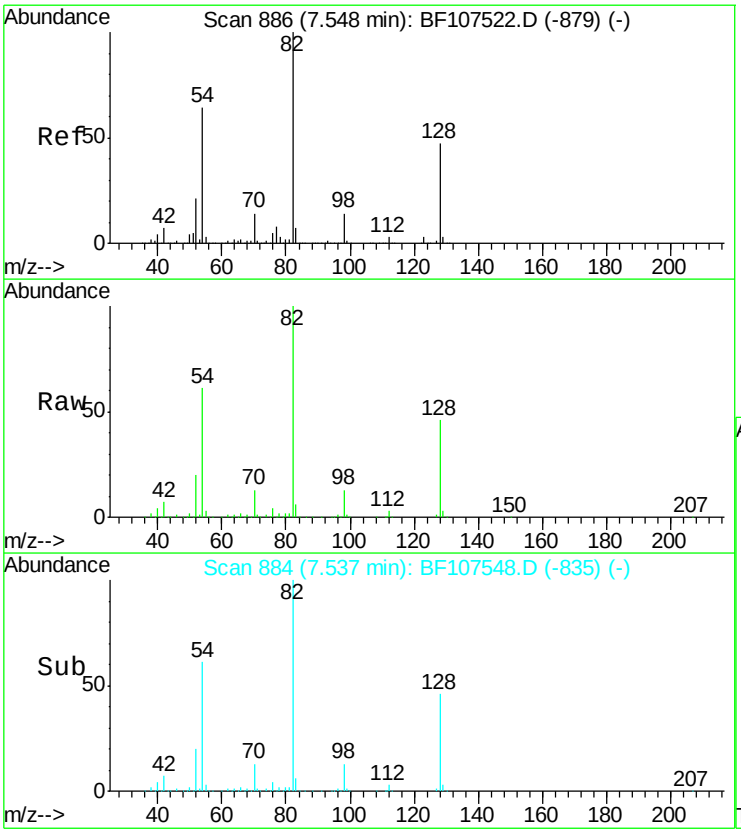
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:136 Resp: 1189859

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.2	6.6	9.8
68	5.7	5.0	7.4

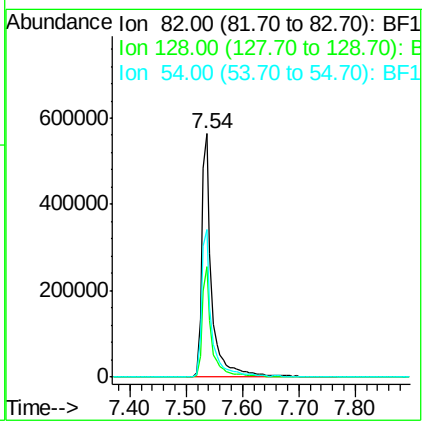


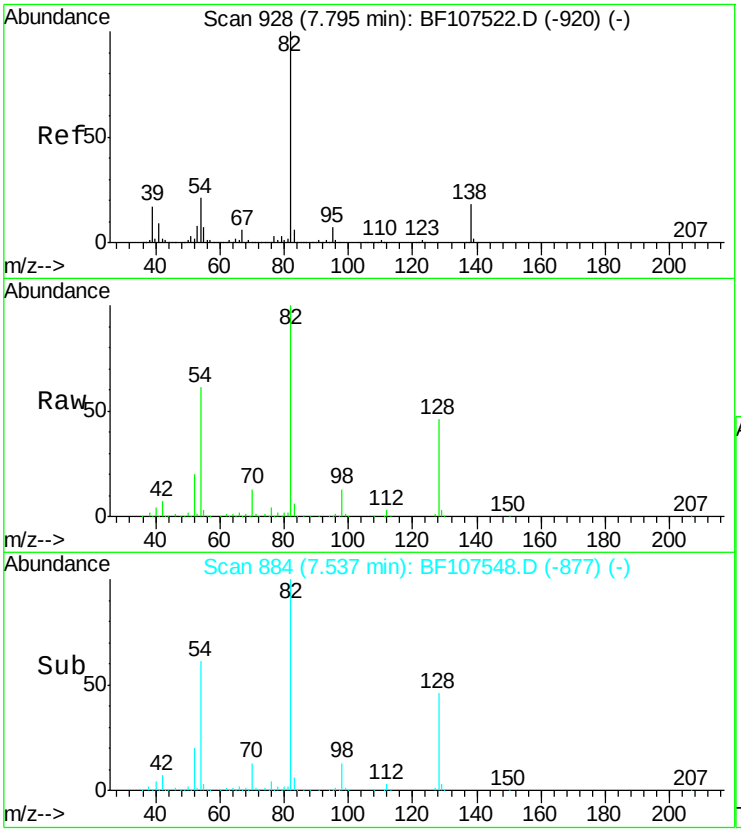


#23
Nitrobenzene-d5
Concen: 39.901 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion: 82 Resp: 703492

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	60.9	41.4	62.2



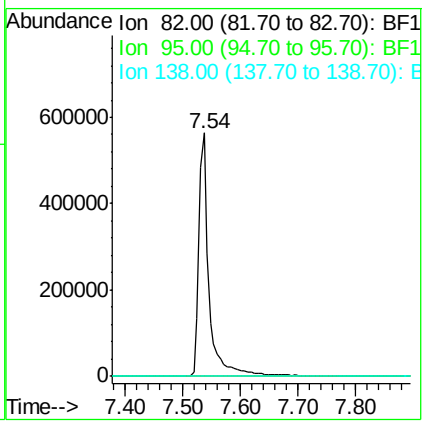


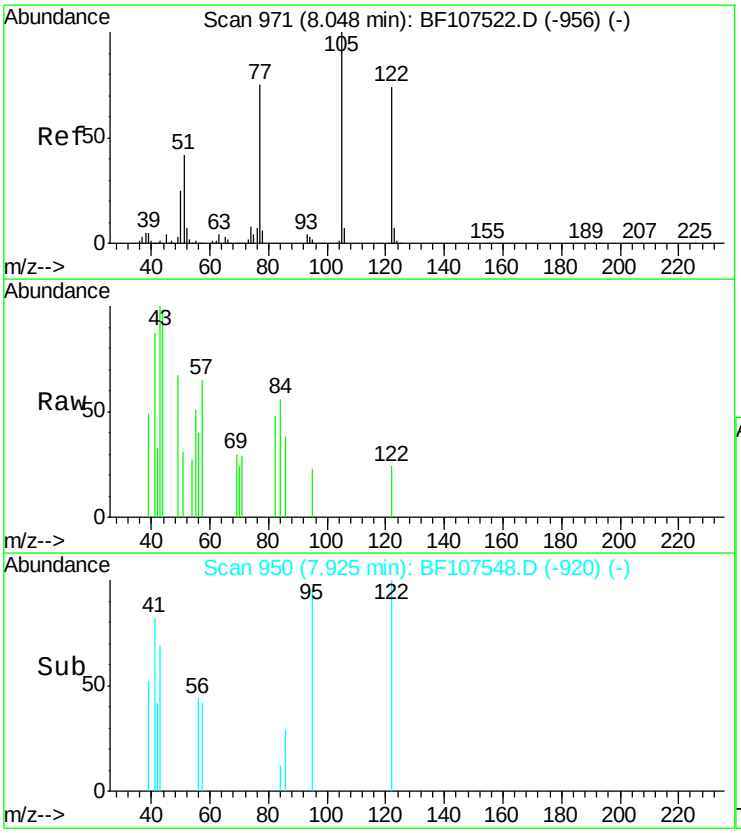
#25
Isophorone
Concen: 18.688 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion: 82 Resp: 703488

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

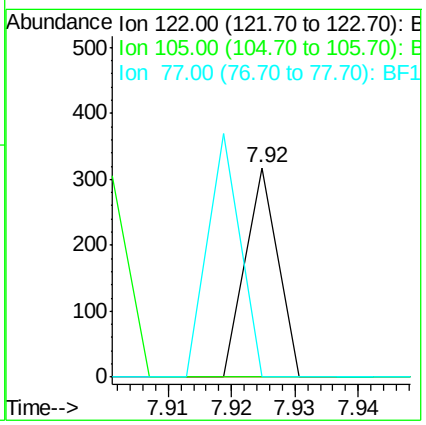


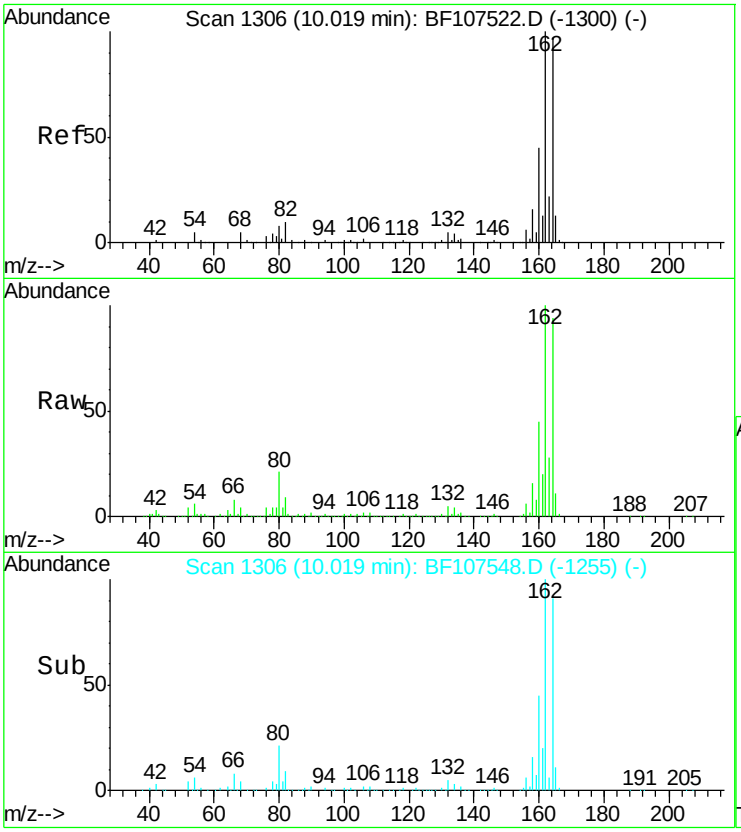


#32
Benzoic acid
Concen: 7.908 ng
RT: 7.92 min Scan# 950
Delta R.T. -0.12 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:122 Resp: 112

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



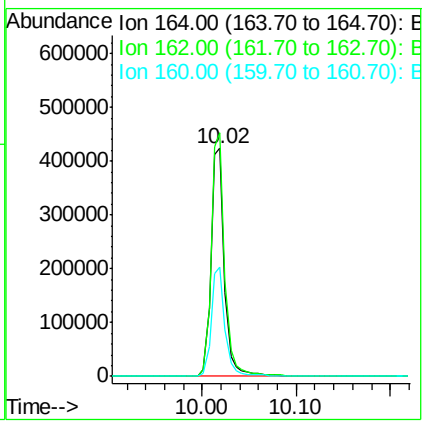


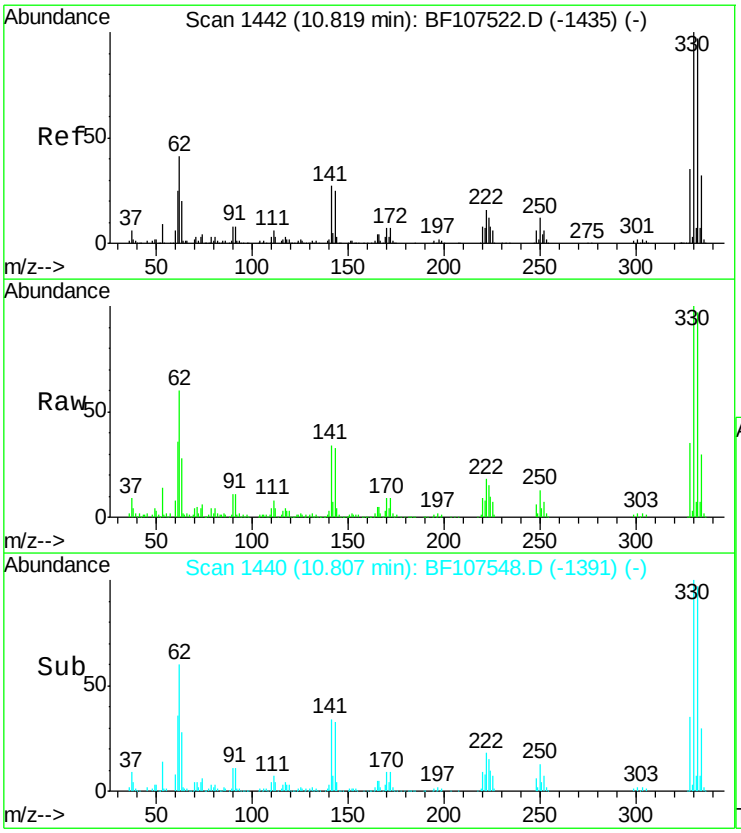
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:164 Resp: 436227

Ion	Ratio	Lower	Upper
164	100		
162	106.9	86.1	129.1
160	48.2	38.3	57.5

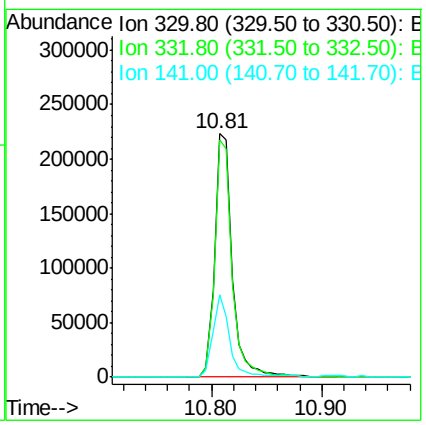


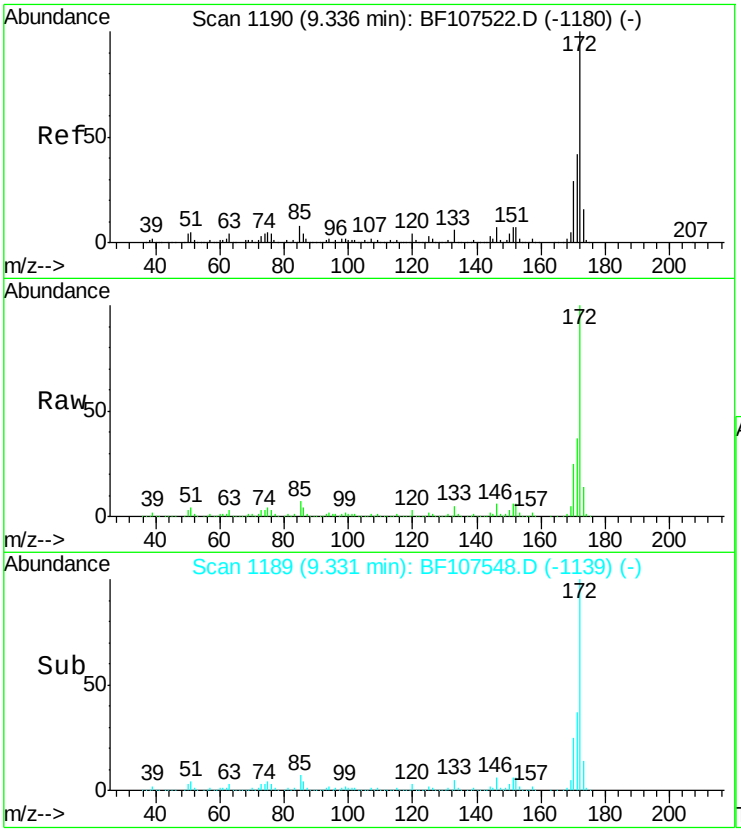


#41
2,4,6-Tribromophenol
Concen: 49.882 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:330 Resp: 247444

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.6	29.9	44.9



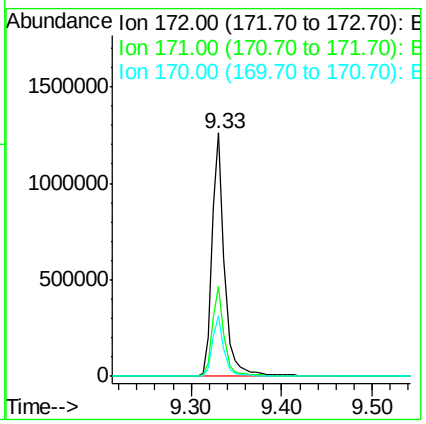


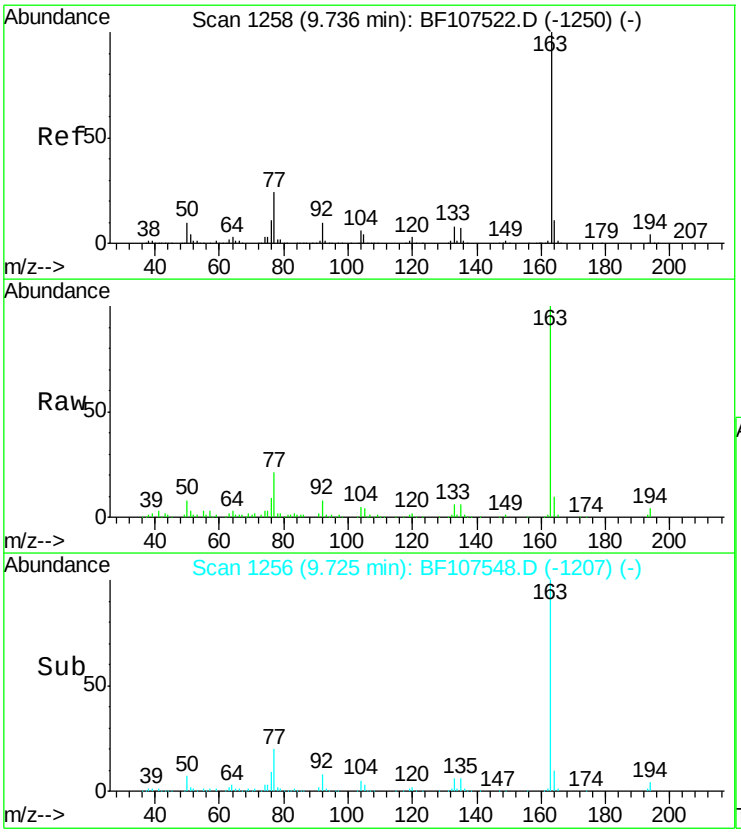
#44
2-Fluorobiphenyl
Concen: 40.164 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:172 Resp: 1208355

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	19.6	29.4

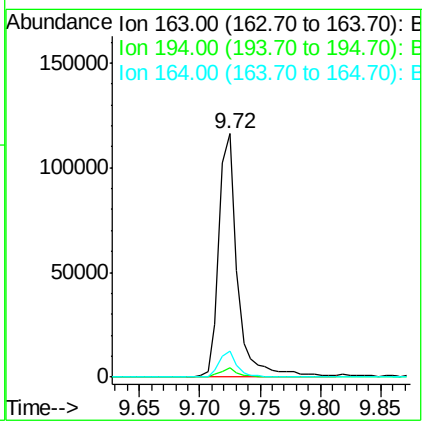


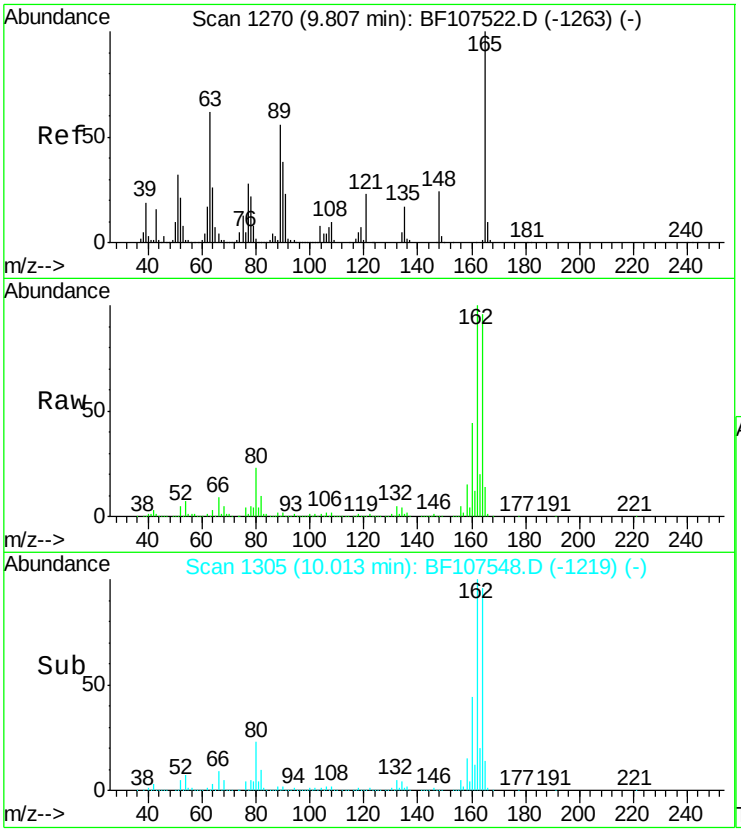


#49
Dimethylphthalate
Concen: 3.776 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:163 Resp: 124140

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2



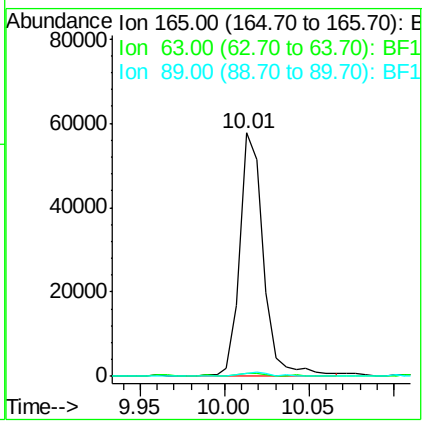


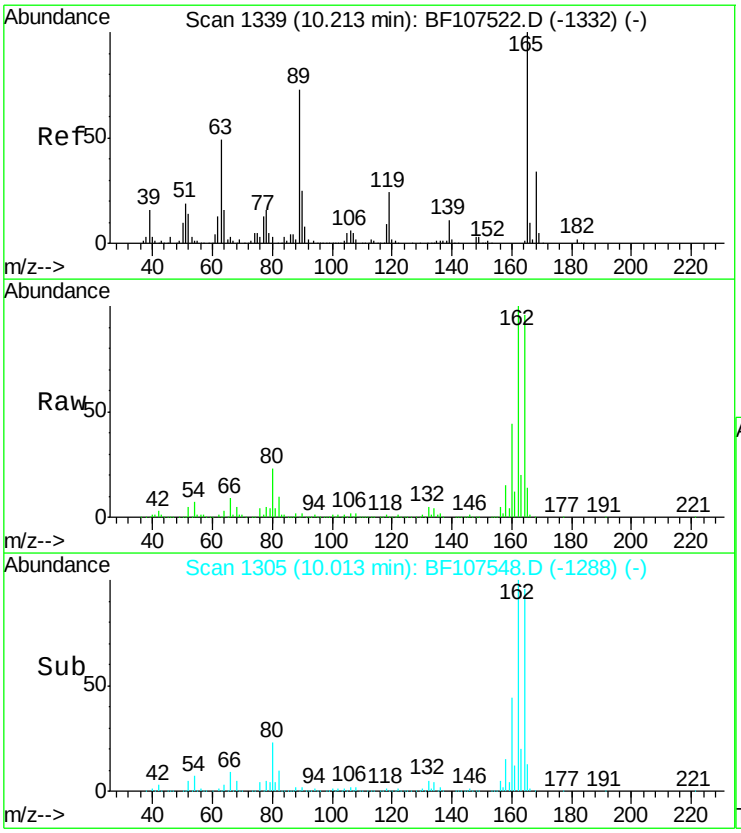
#50
2,6-Dinitrotoluene
Concen: 8.724 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:165 Resp: 56948

Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.0	44.0	66.0#

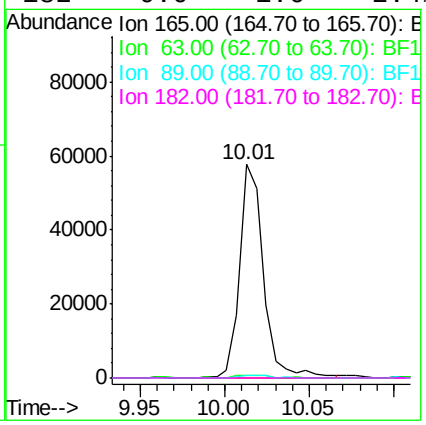


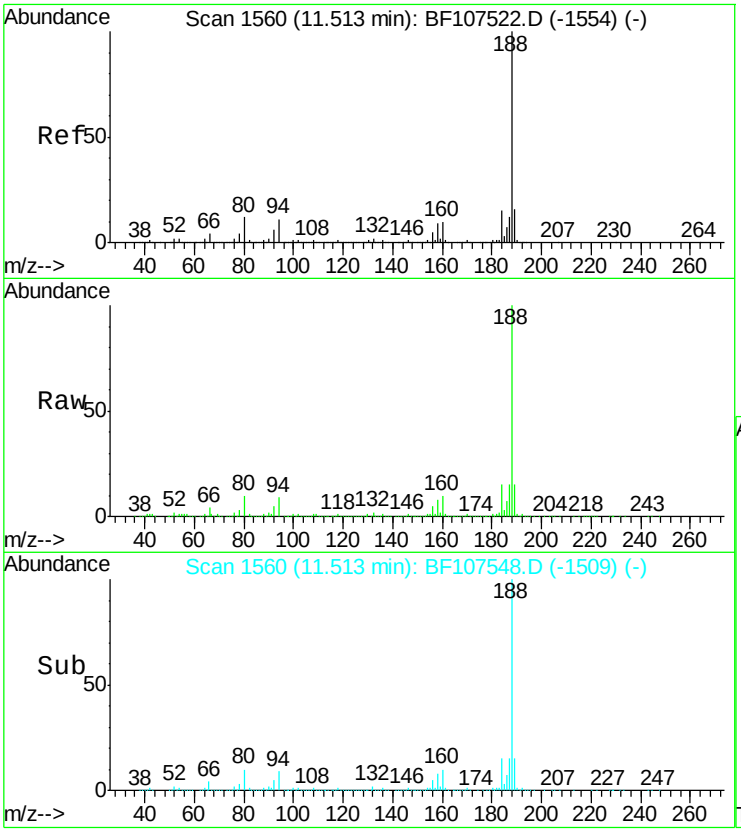


#56
2,4-Dinitrotoluene
Concen: 7.228 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:165 Resp: 56948

Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



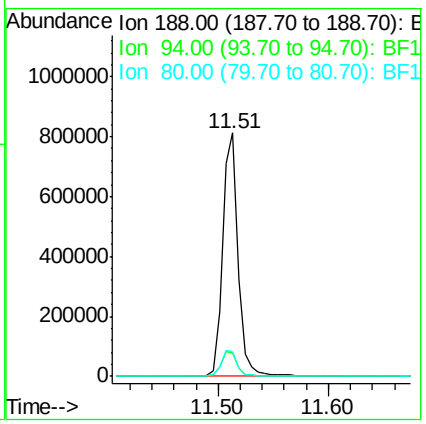


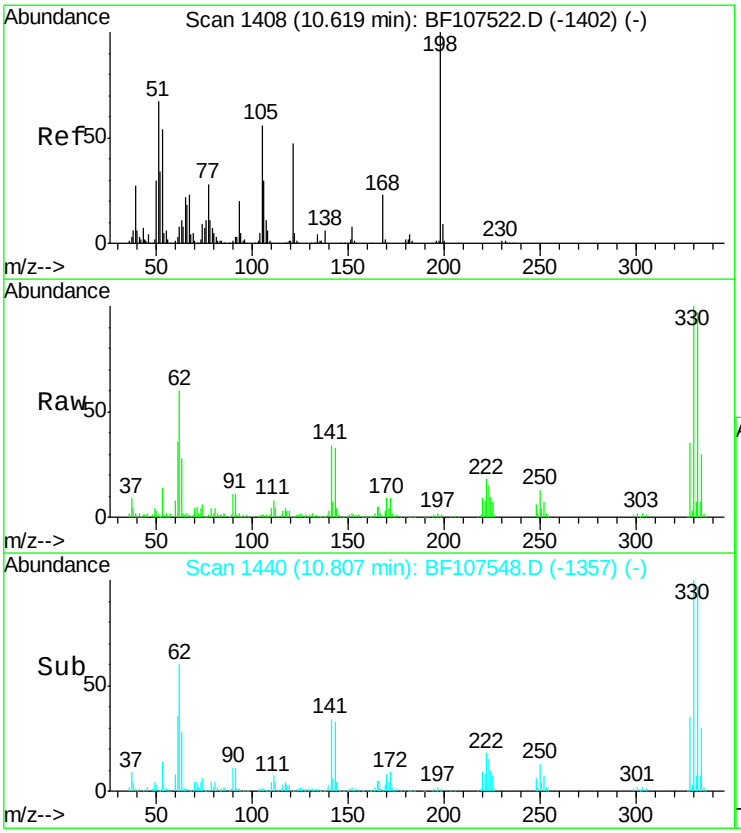
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:188 Resp: 790859

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	9.2	13.8

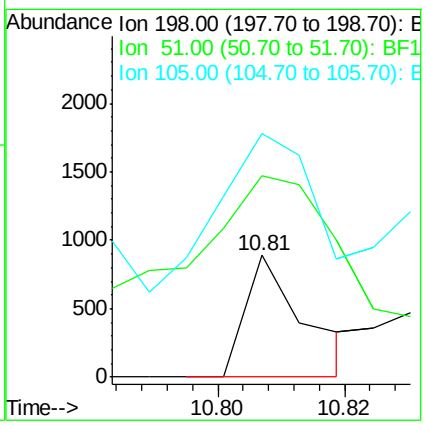


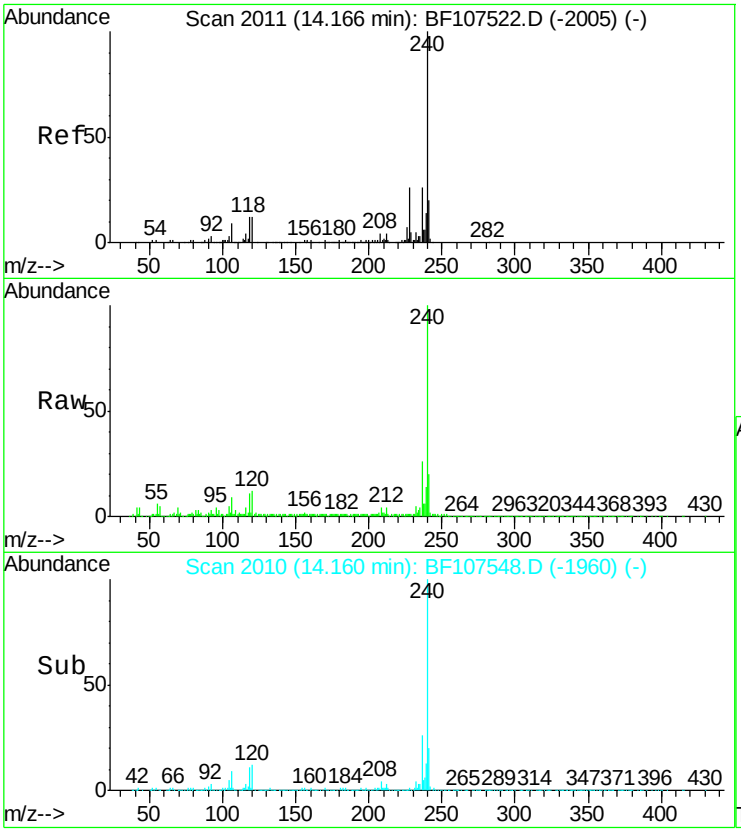


#64
4,6-Dinitro-2-methylphenol
Concen: 8.803 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:198 Resp: 570

Ion	Ratio	Lower	Upper
198	100		
51	165.5	37.7	77.7#
105	200.3	36.3	76.3#



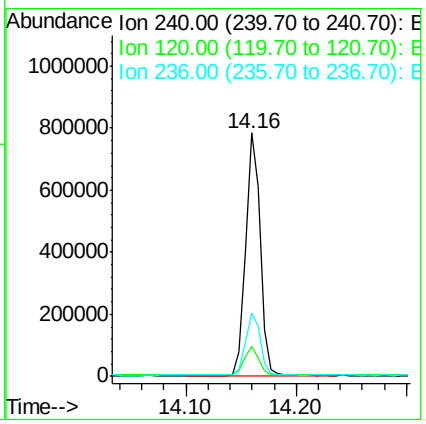


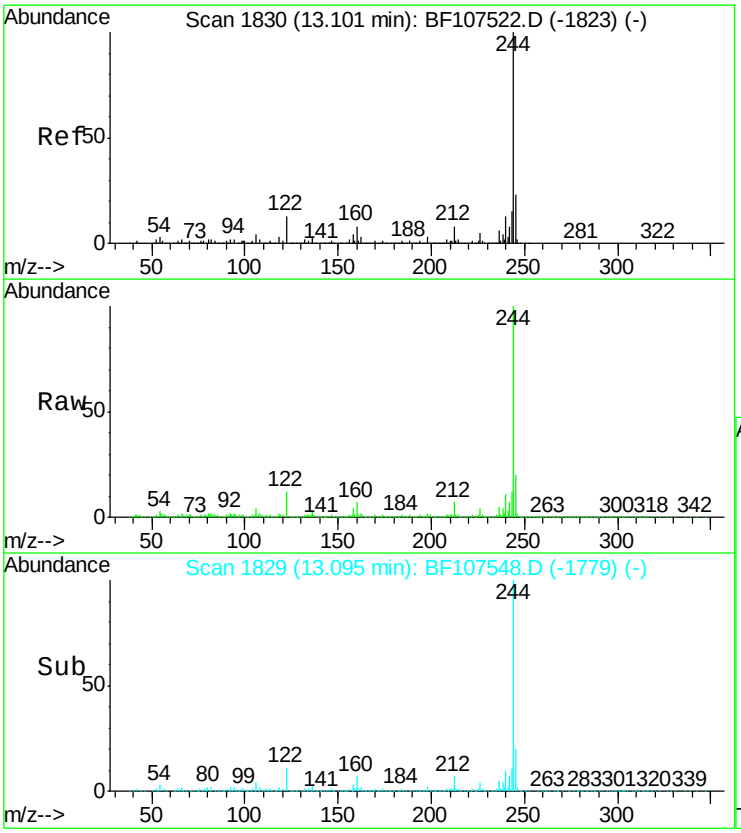
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:240 Resp: 727300

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.9	20.7	31.1

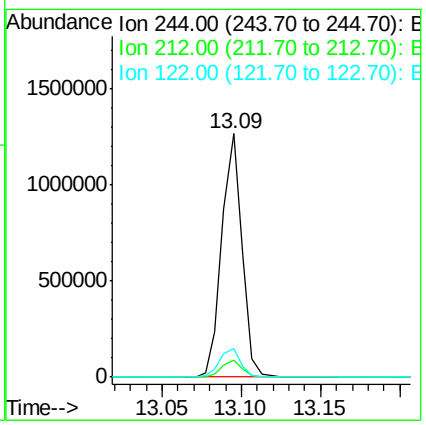


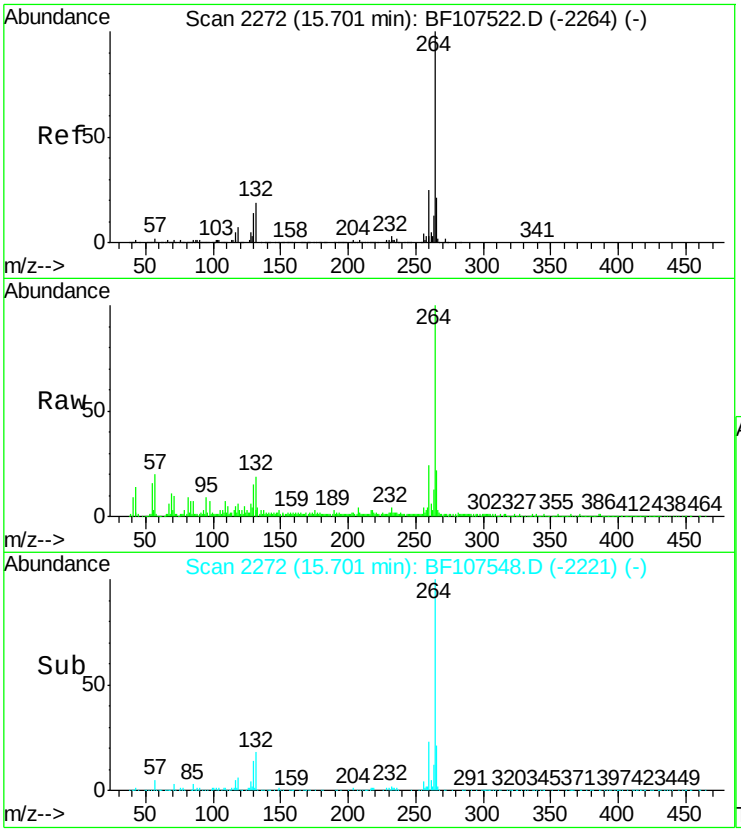


#78
Terphenyl-d14
Concen: 39.051 ng
RT: 13.09 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Tgt Ion:244 Resp: 1109418

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BF107548.D
Acq: 21 Jul 2018 2:16

Instrument :
BNA_F
ClientSampleId :
EO-02-071818-B

Tgt Ion:264 Resp: 519623

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3