Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
Data File : BF107569.D
Acq On : 21 Jul 2018 12:02
Operator : JU/SJ
Sample : J4094-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071818-DBRI-E-D-M

Quant Time: Jul 23 03:28:21 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	336448	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1219890	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	459800	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	762089	20.00	ng	0.00
75) Chrysene-d12	14.16	240	738092	20.00	ng	0.00
86) Perylene-d12	15.69	264	587707	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	811250	38.77	ng	0.00
7) Phenol-d6	6.60	99	724183	28.82	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1728799	95.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	384907	73.62	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	2720993	109.55	ng	0.00
78) Terphenyl-d14	13.09	244	1974237	68.48	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	1091	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.54	70	229229	14.122	ng	# 79
25) Isophorone	7.54	82	1728792	44.793	ng	# 64
50) 2,6-Dinitrotoluene	10.01	165	58277	8.470	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	58278	7.017	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	522	8.797	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	23754	2.648	ng	# 1
73) Di-n-butylphthalate	12.05	149	3250	Below Cal	#	92
81) 3,3'-Dichlorobenzidine	14.20	252	117	Below Cal	#	27

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

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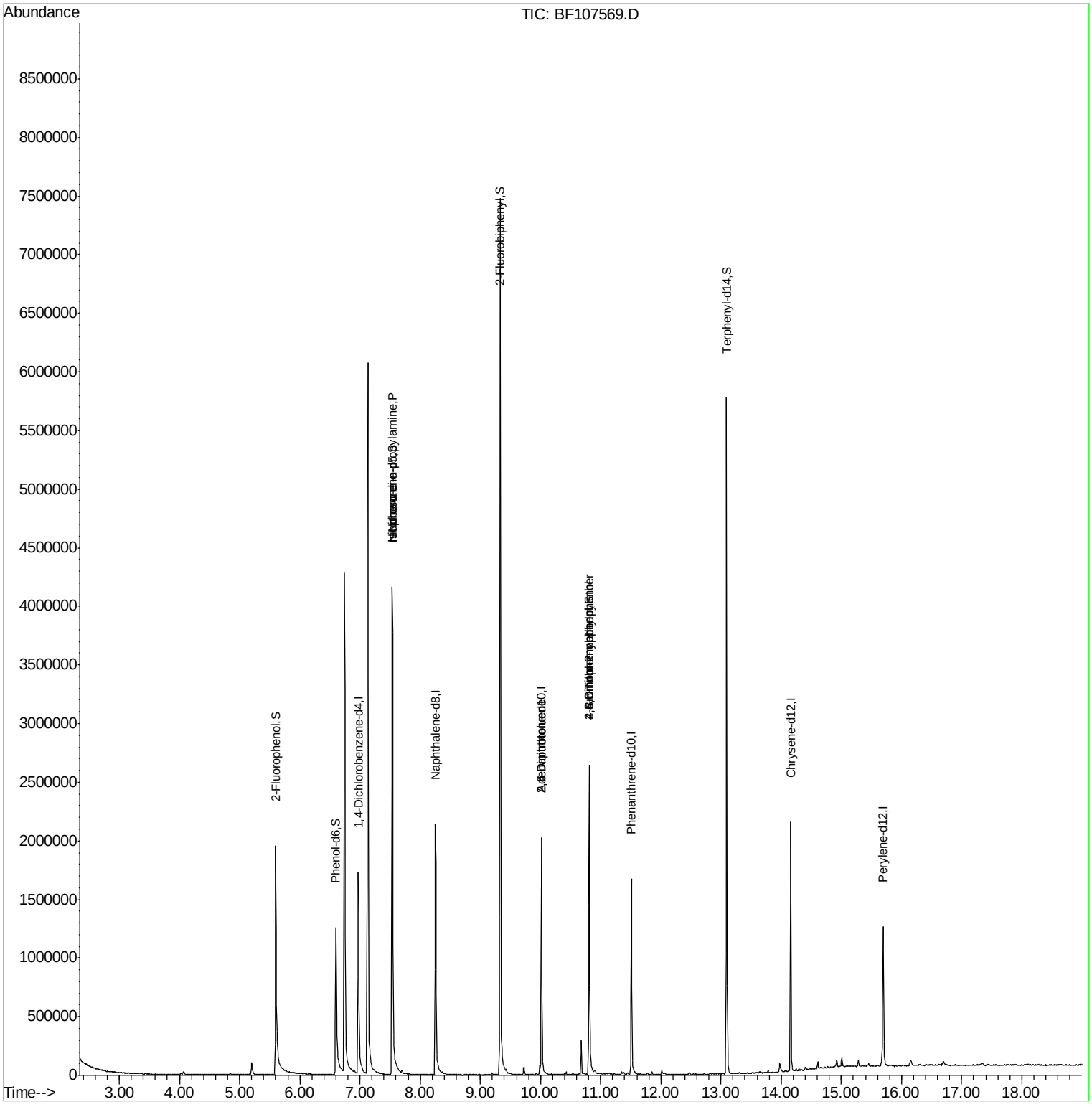
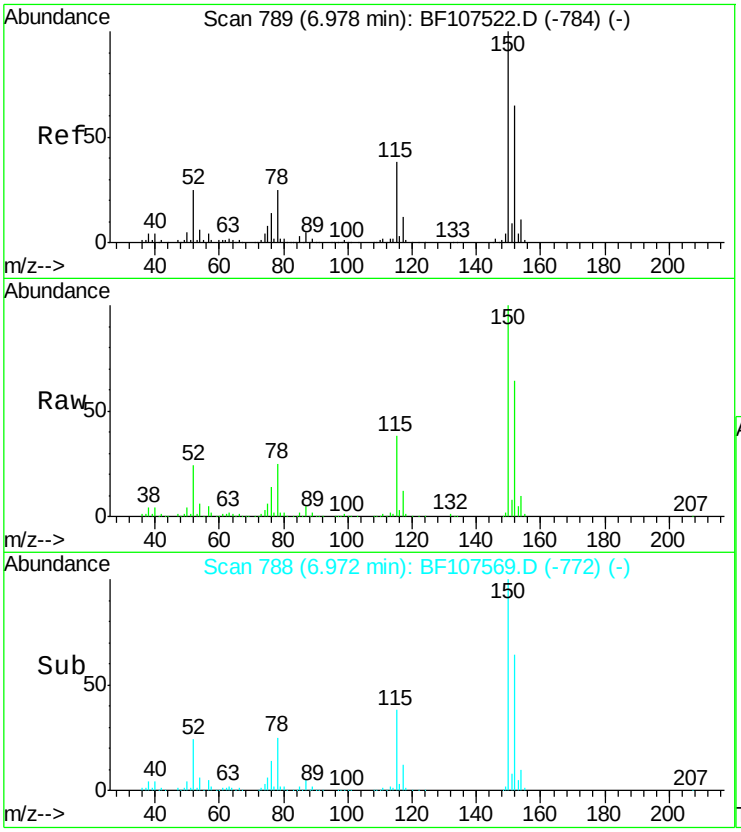


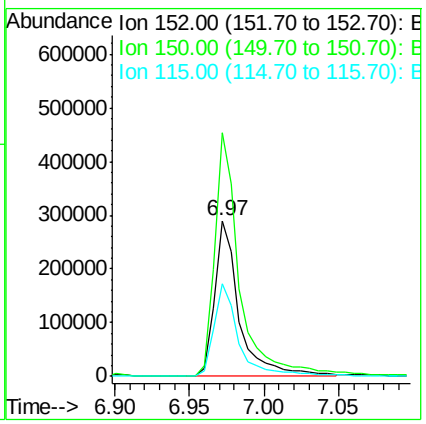


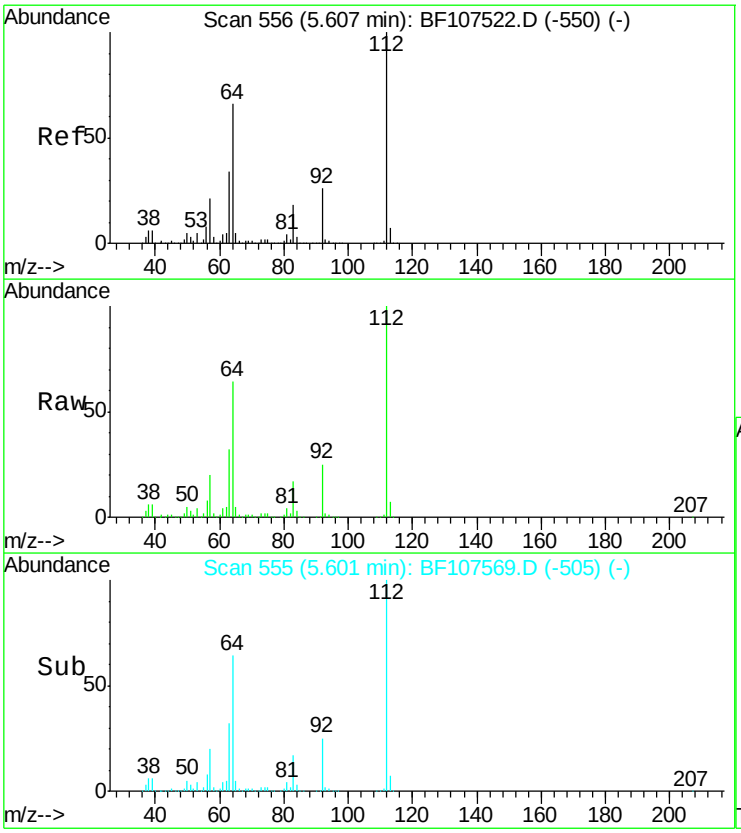
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:152 Resp: 336448

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	59.8	50.1	75.1

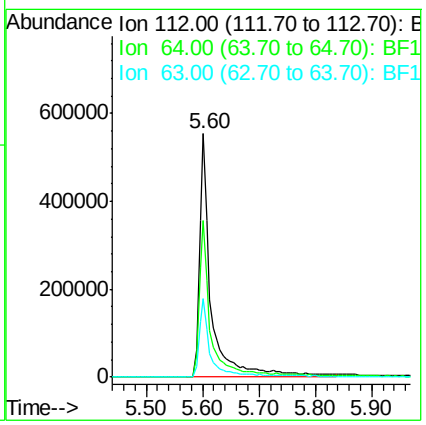


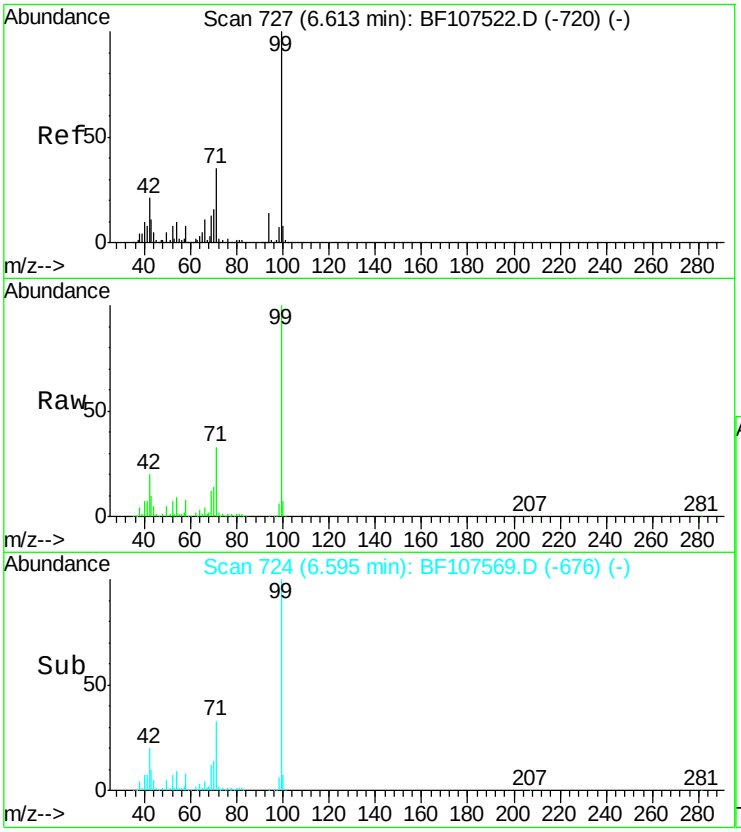


#5
2-Fluorophenol
Concen: 38.768 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:112 Resp: 811250

Ion	Ratio	Lower	Upper
112	100		
64	64.4	47.9	71.9
63	32.4	23.7	35.5



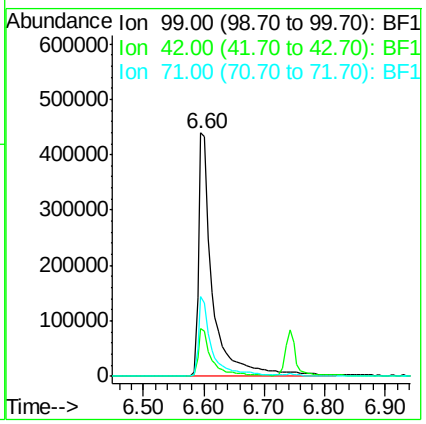


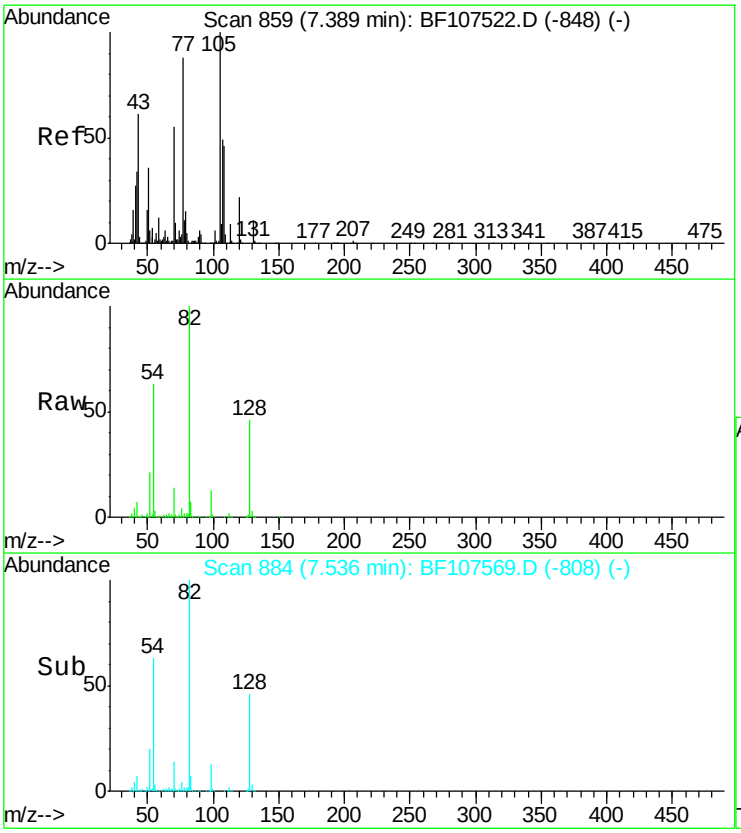
#7
Phenol-d6
Concen: 28.821 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion: 99 Resp: 724183

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.9	25.4	38.0

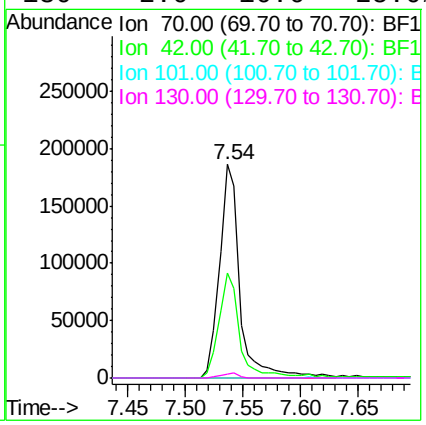


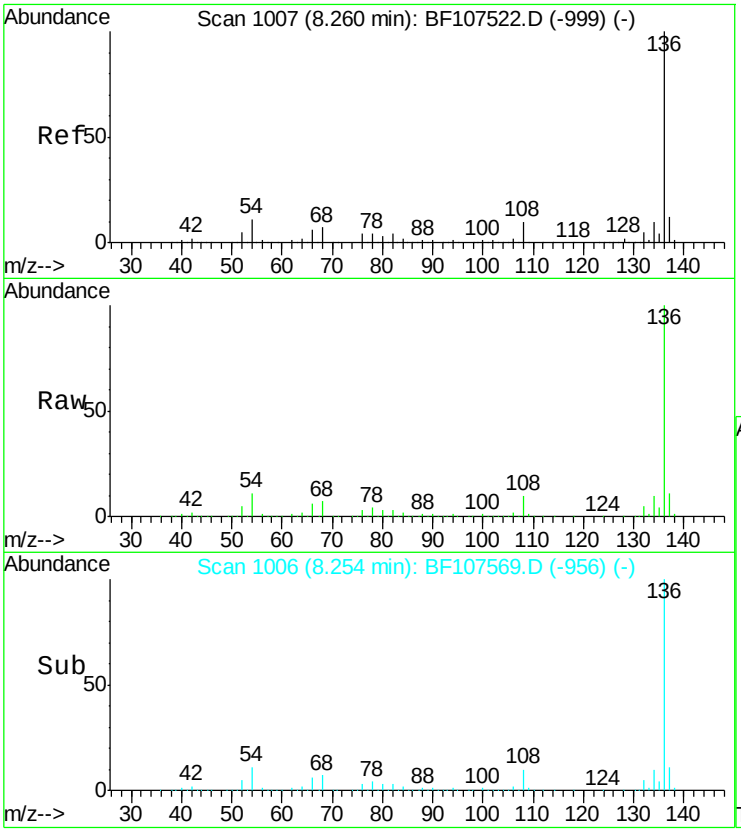


#19
n-Nitroso-di-n-propylamine
Concen: 14.122 ng
RT: 7.54 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion: 70 Resp: 229229

Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



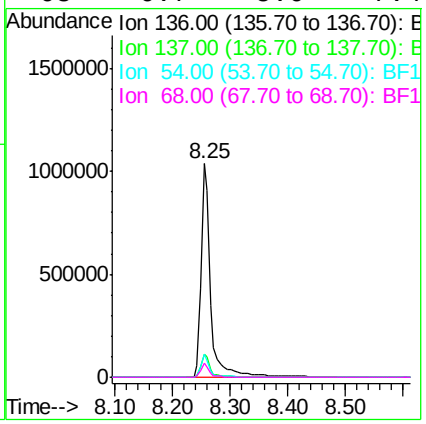


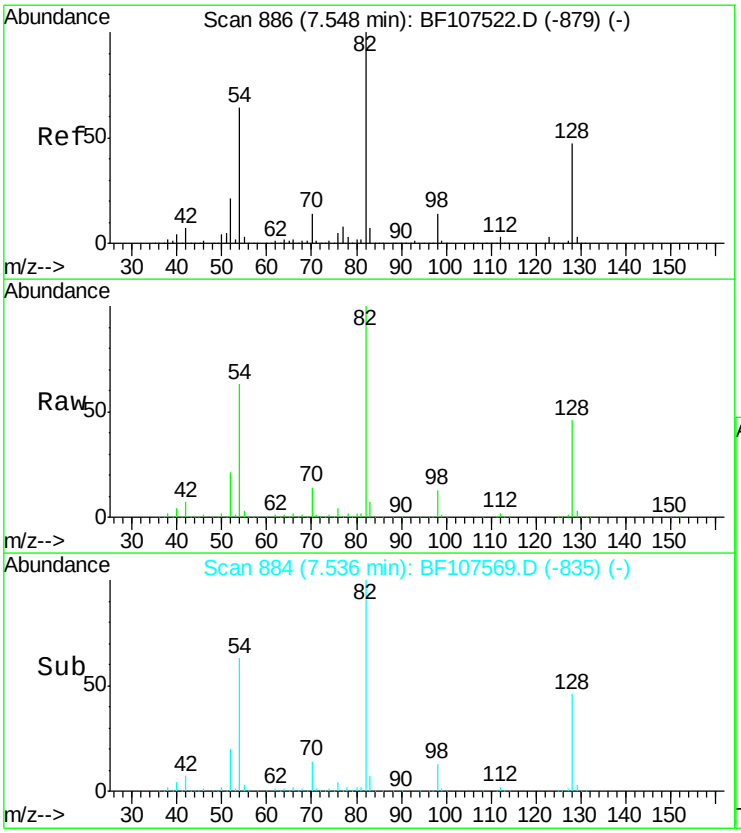
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:136 Resp: 1219890

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.7	6.6	9.8#
68	6.7	5.0	7.4

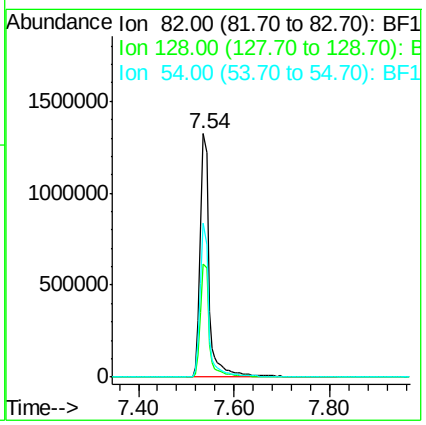


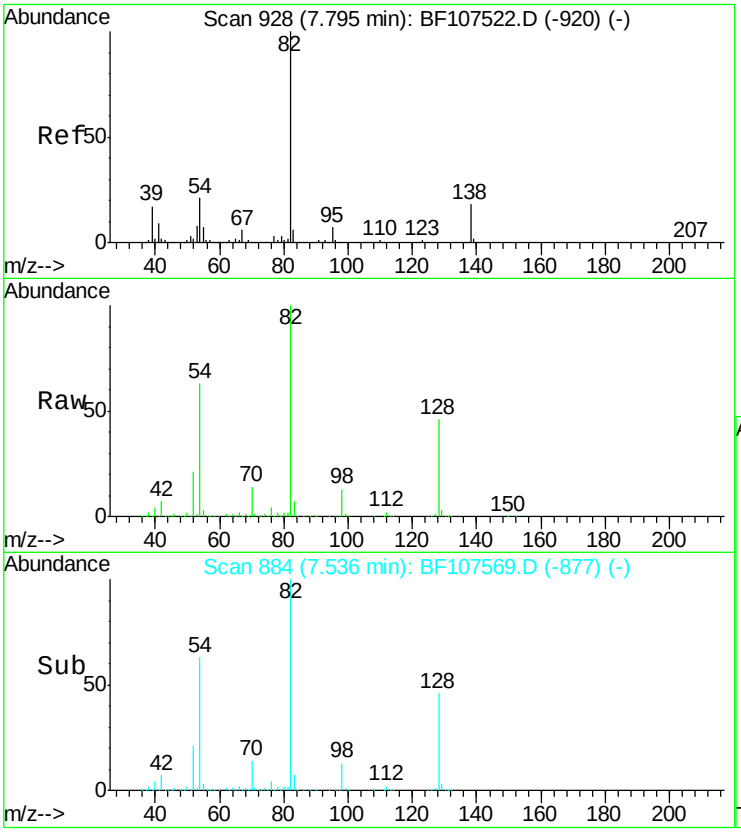


#23
Nitrobenzene-d5
Concen: 95.642 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion: 82 Resp: 1728799

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	63.5	41.4	62.2#



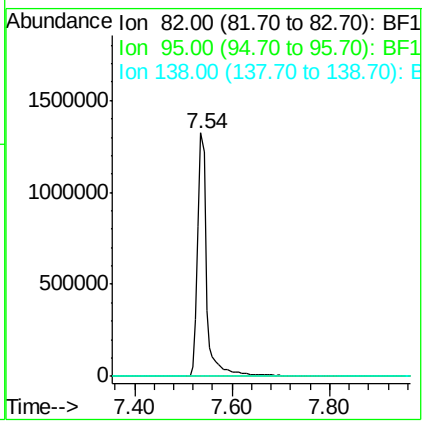


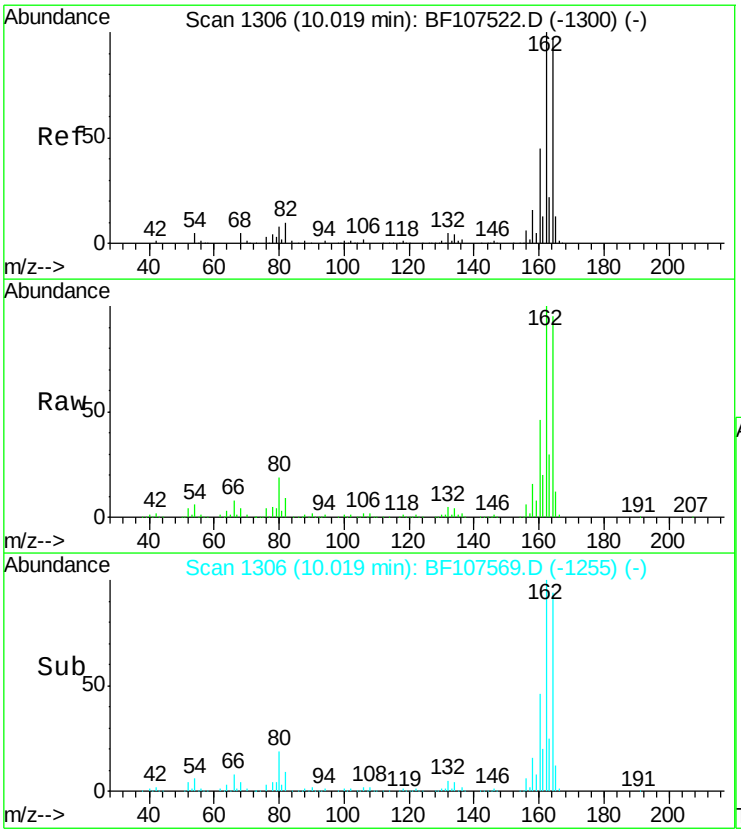
#25
Isophorone
Concen: 44.793 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion: 82 Resp: 1728792

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

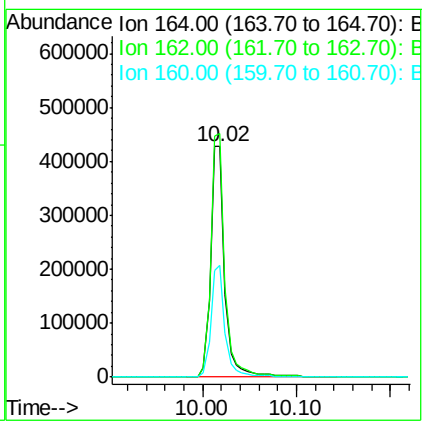


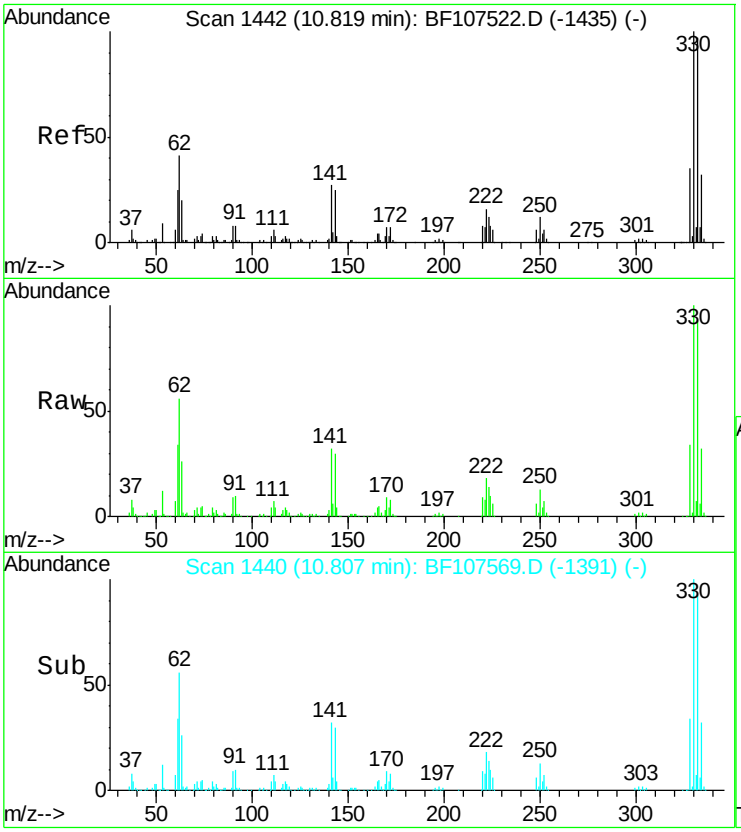


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:164 Resp: 459800

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	48.5	38.3	57.5



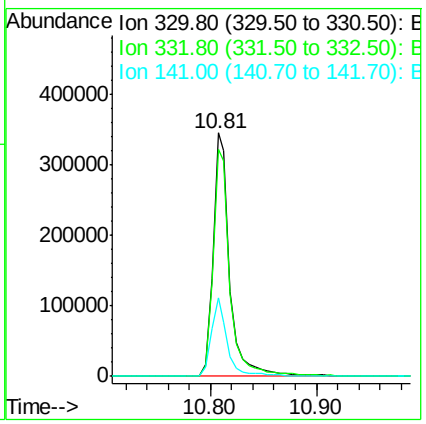


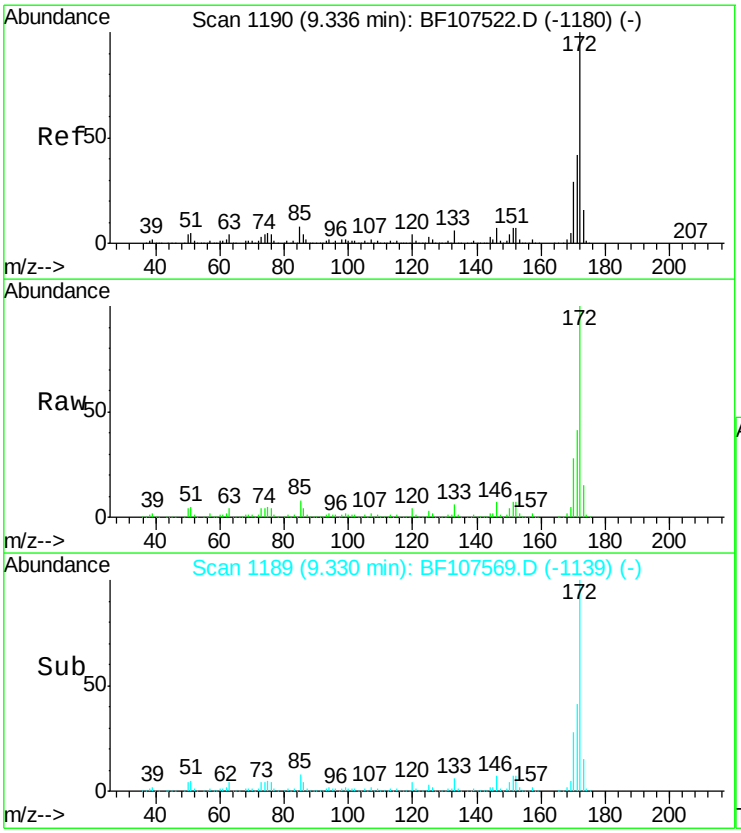
#41
2,4,6-Tribromophenol
Concen: 73.615 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:330 Resp: 384907

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.2	29.9	44.9

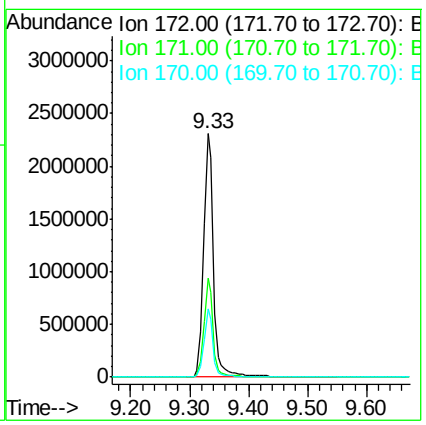


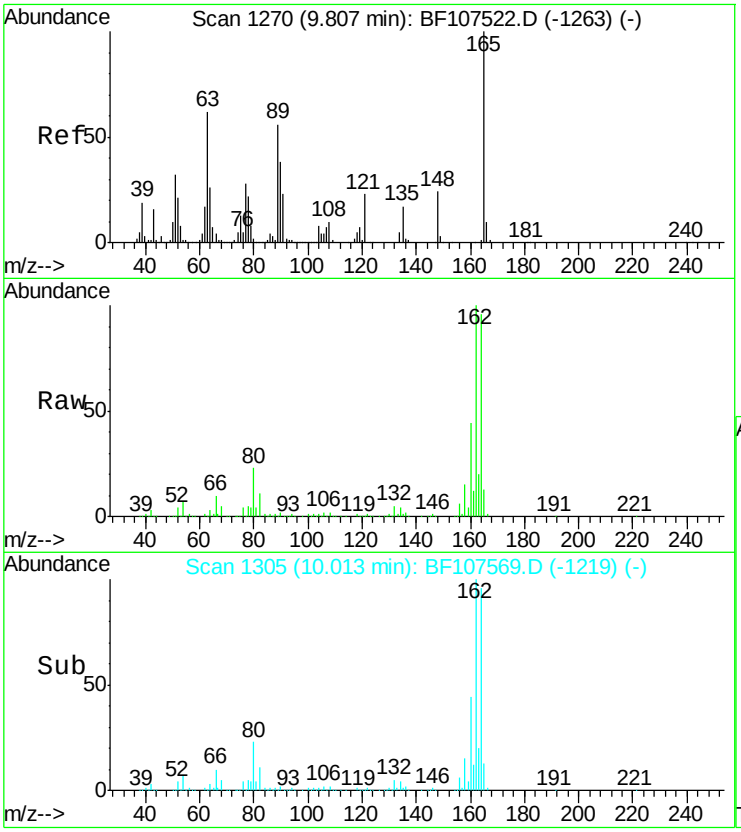


#44
2-Fluorobiphenyl
Concen: 109.548 ng
RT: 9.33 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:172 Resp: 2720993

Ion	Ratio	Lower	Upper
172	100		
171	40.7	29.7	44.5
170	27.8	19.6	29.4



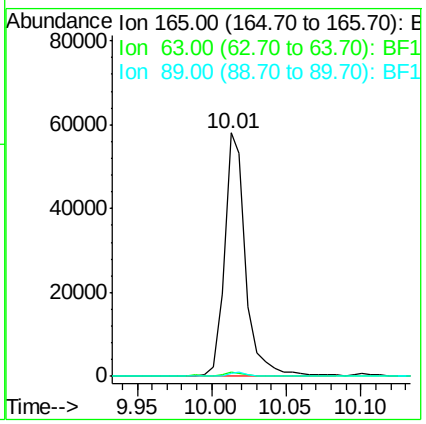


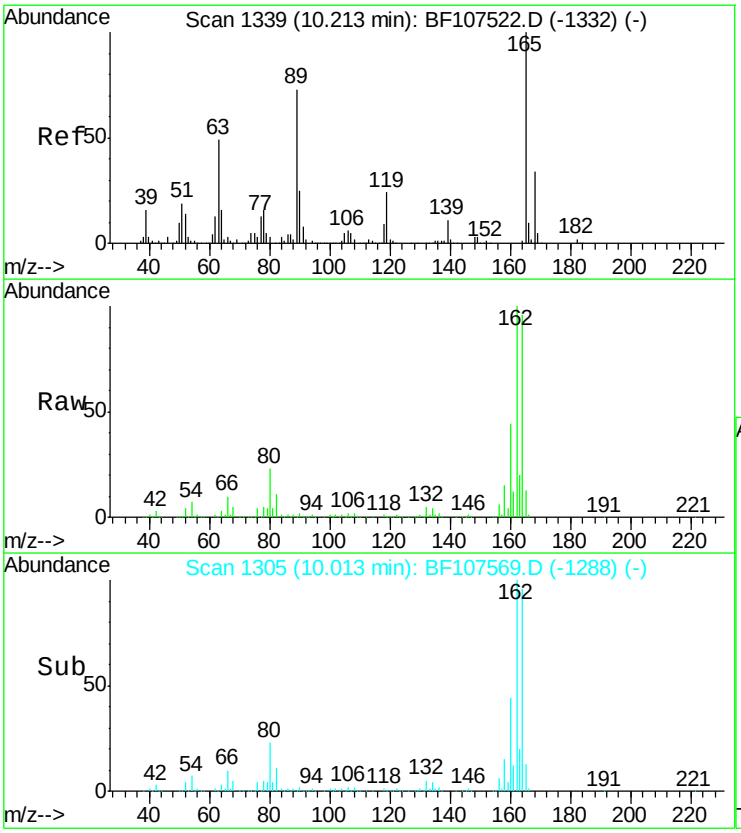
#50
2,6-Dinitrotoluene
Concen: 8.470 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:165 Resp: 58277

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.3	44.0	66.0#

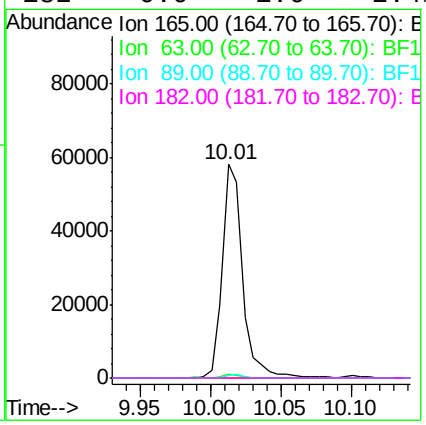


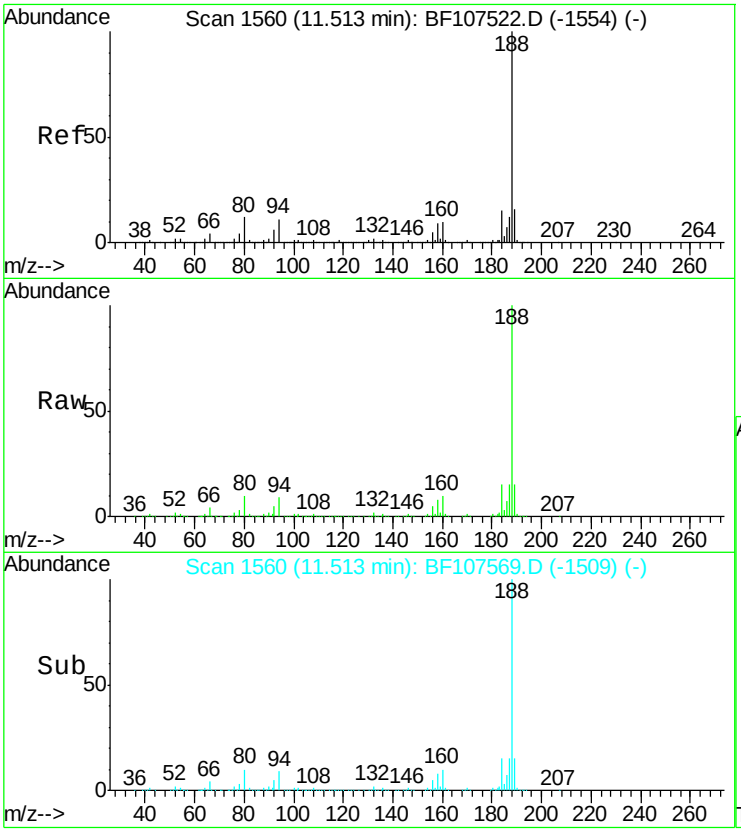


#56
2,4-Dinitrotoluene
Concen: 7.017 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:165 Resp: 58278

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



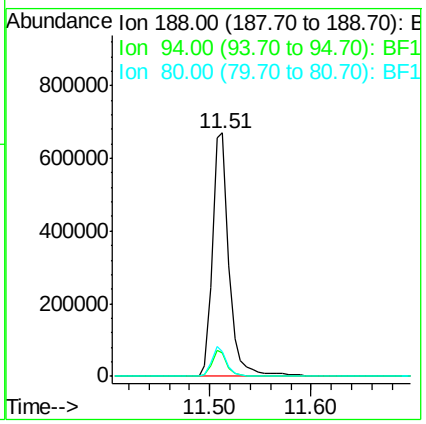


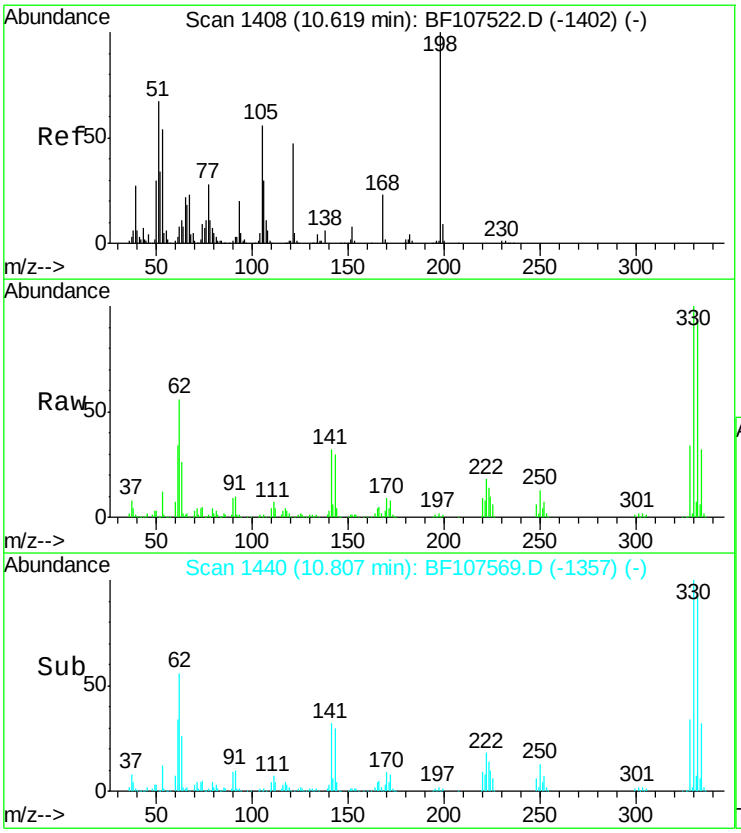
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:188 Resp: 762089

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.4	9.2	13.8

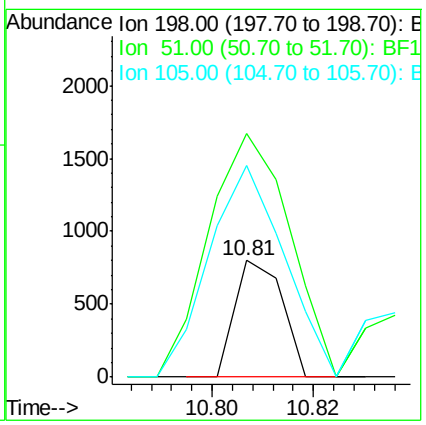


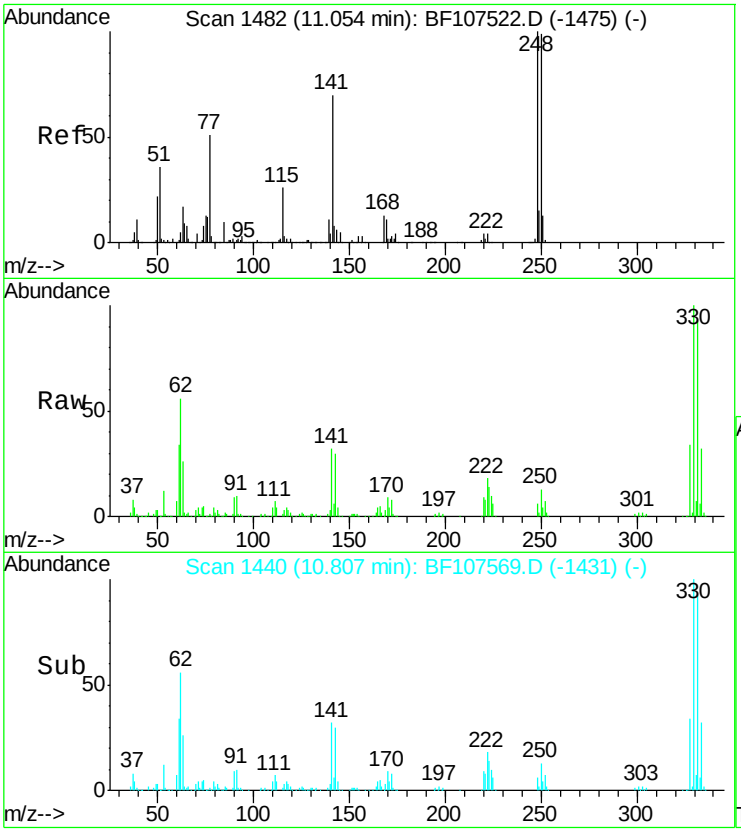


#64
4,6-Dinitro-2-methylphenol
Concen: 8.797 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:198 Resp: 522

Ion	Ratio	Lower	Upper
198	100		
51	209.4	37.7	77.7#
105	182.5	36.3	76.3#



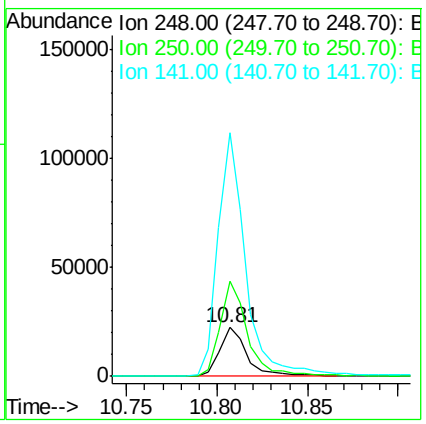


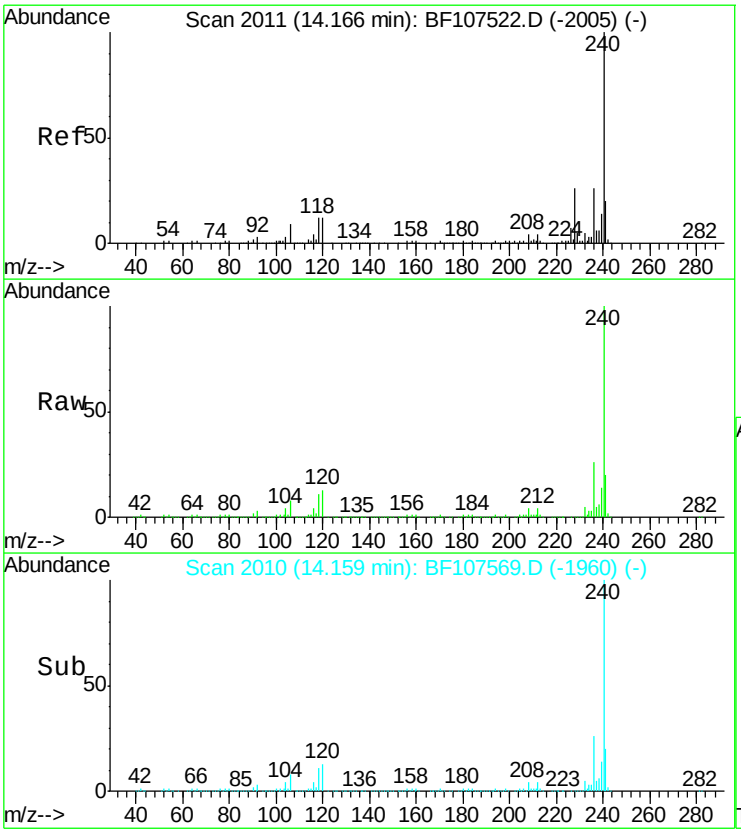
#66
4-Bromophenyl-phenylether
Concen: 2.648 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:248 Resp: 23754

Ion	Ratio	Lower	Upper
248	100		
250	195.7	76.9	115.3#
141	499.5	74.4	111.6#

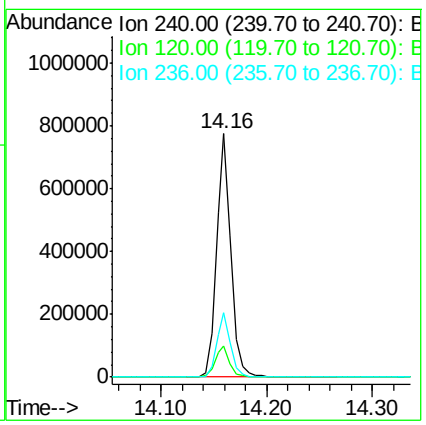


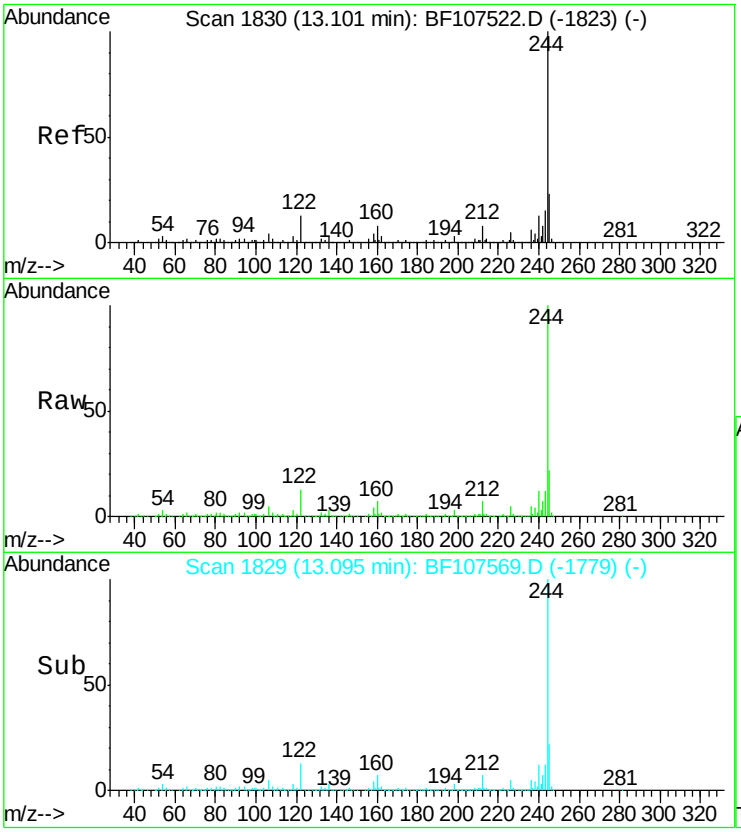


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:240 Resp: 738092

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.3	20.7	31.1



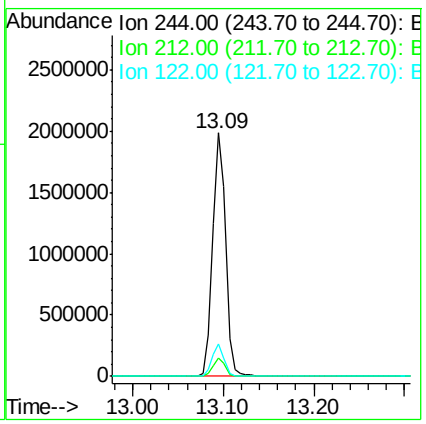


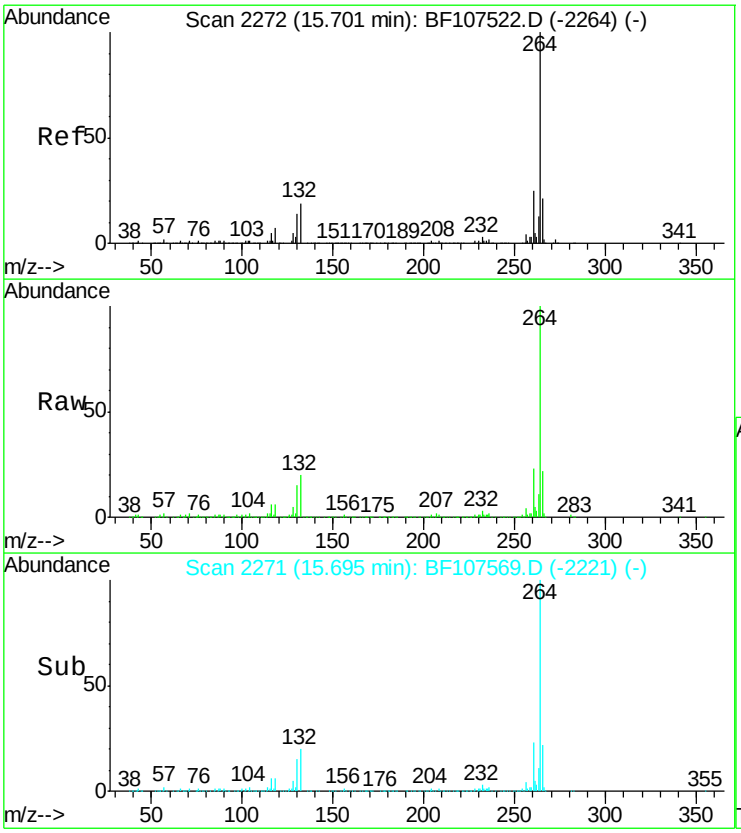
#78
Terphenyl-d14
Concen: 68.477 ng
RT: 13.09 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Instrument :
BNA_F
ClientSampleId :
071818-DBRI-E-D-M

Tgt Ion:244 Resp: 1974237

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	13.1	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107569.D
Acq: 21 Jul 2018 12:02

Tgt Ion:264 Resp: 587707

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3