

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121917\
 Data File : BF101521.D
 Acq On : 19 Dec 2017 14:44
 Operator : SJ/JU
 Sample : I6911-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SL-TRANSFORMERSRE

Quant Time: Dec 19 15:13:46 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

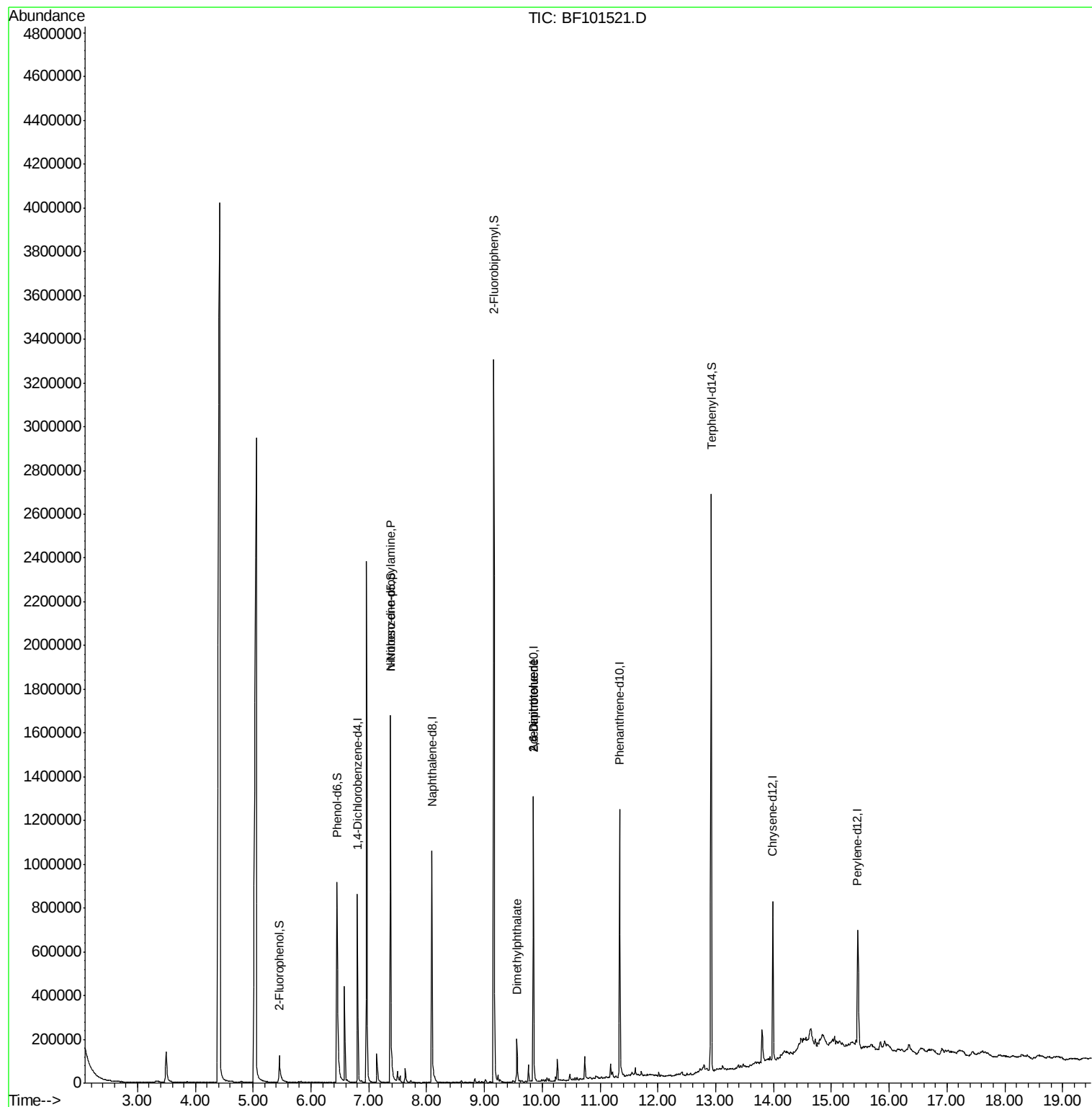
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	143315	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	574379	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	255172	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	469517	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282323	20.00	ng	0.00
86) Perylene-d12	15.46	264	308525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	73703	7.66	ng	0.03
7) Phenol-d6	6.45	99	451710	37.72	ng	0.00
23) Nitrobenzene-d5	7.37	82	608567	58.98	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	482	0.20	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	1093883	66.50	ng	0.00
78) Terphenyl-d14	12.92	244	903509	77.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	80497	10.237	ng	Qvalue # 83
49) Dimethylphthalate	9.56	163	92138	4.489	ng	99
50) 2,6-Dinitrotoluene	9.85	165	32927	7.893	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	32927	7.006	ng	# 23

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

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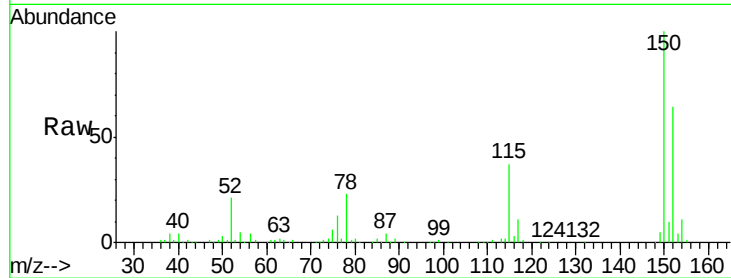


#1

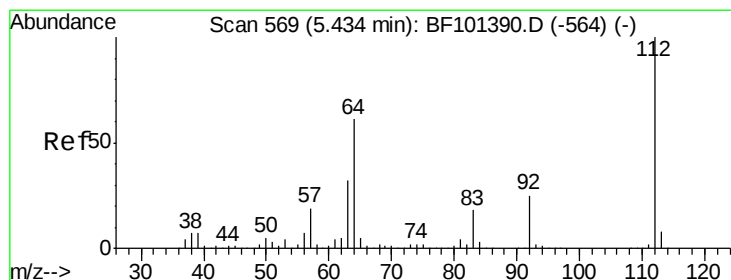
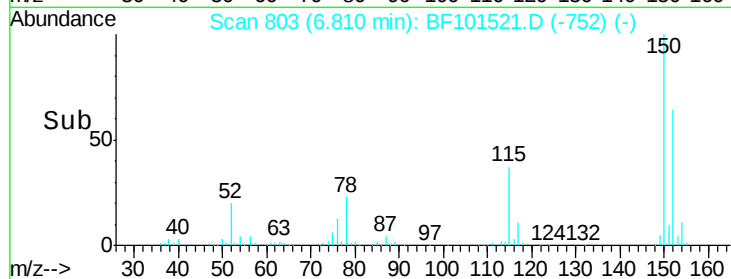
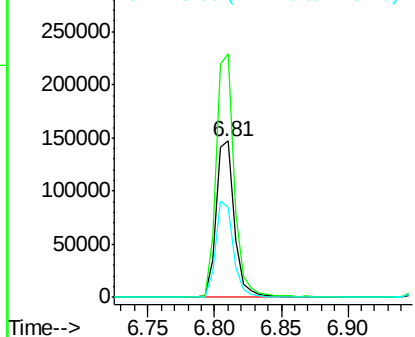
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101521.D
Acq: 19 Dec 2017 14:44

Instrument :
BNA_F
ClientSampleId :
SL-TRANSFORMERSRE

Tgt Ion:152 Resp: 143315
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 58.0 50.1 75.1



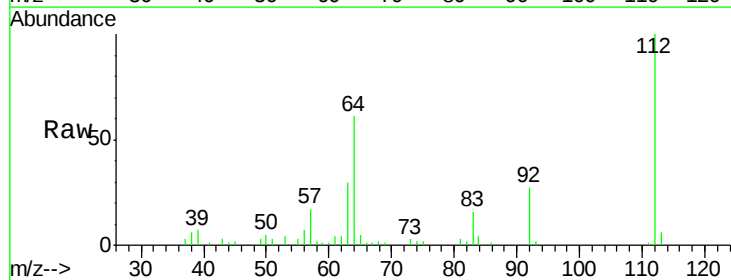
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



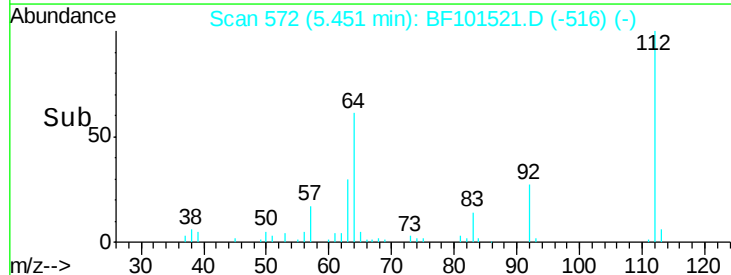
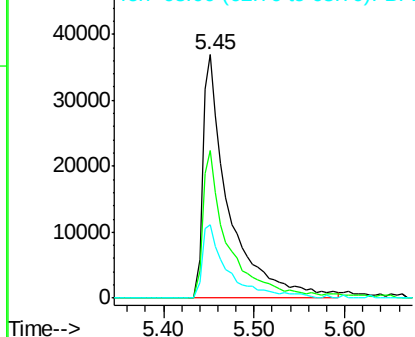
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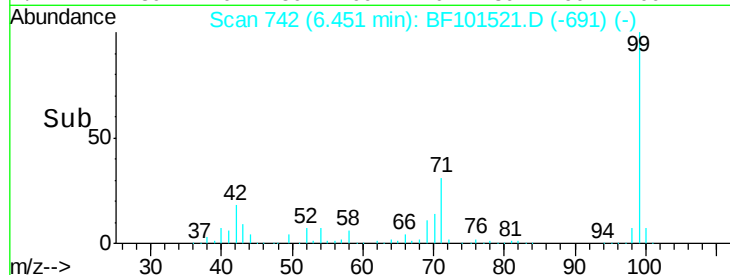
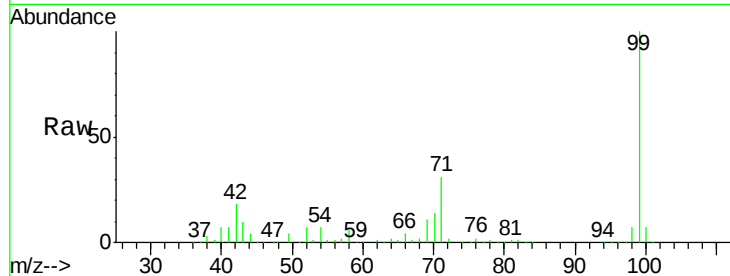
2-Fluorophenol
Concen: 7.660 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.03 min
Lab File: BF101521.D
Acq: 19 Dec 2017 14:44

Tgt Ion:112 Resp: 73703
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 37.724 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF101521.D

Acq: 19 Dec 2017 14:44

Instrument :

BNA_F

ClientSampleId :

SL-TRANSFORMERSRE

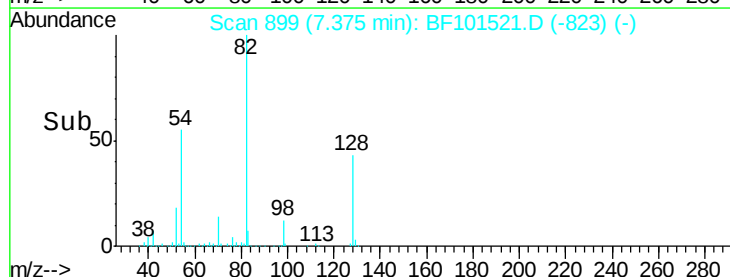
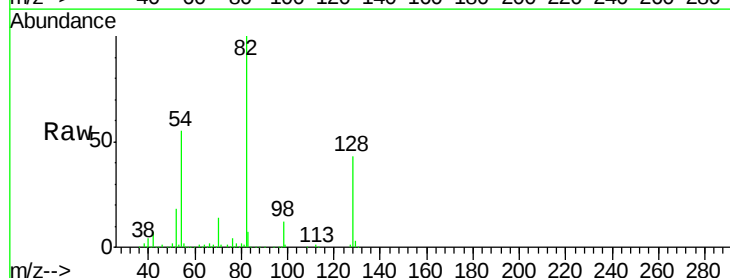
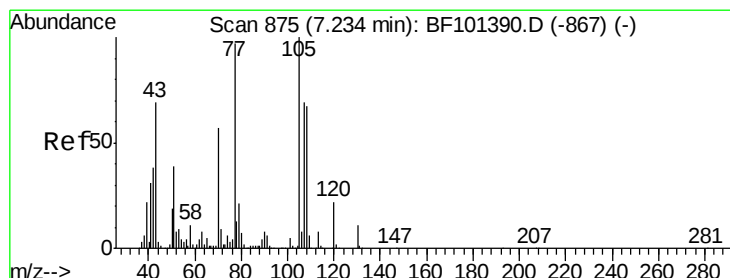
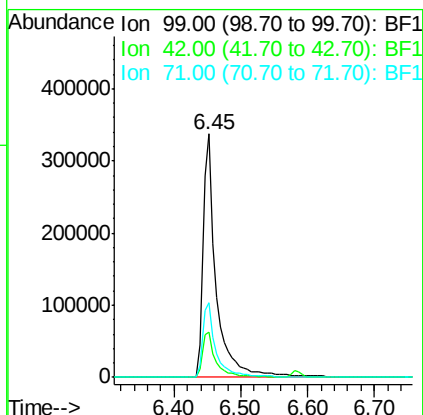
Tgt Ion: 99 Resp: 451710

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

71 30.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.237 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF101521.D

Acq: 19 Dec 2017 14:44

Tgt Ion: 70 Resp: 80497

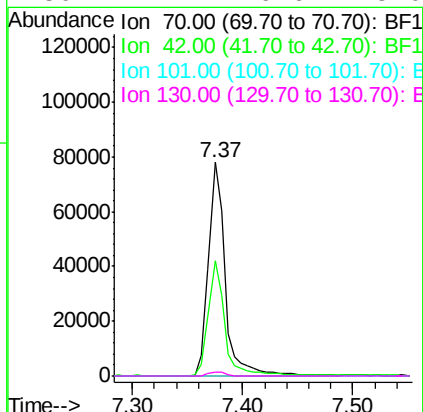
Ion Ratio Lower Upper

70 100

42 53.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

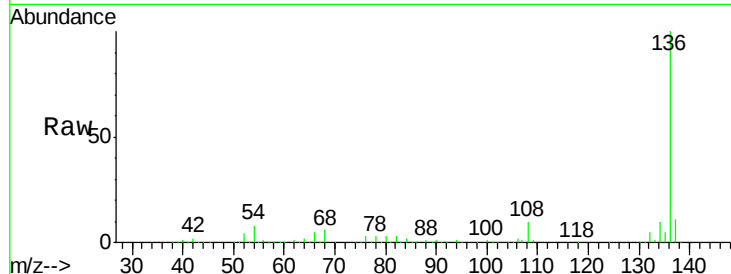




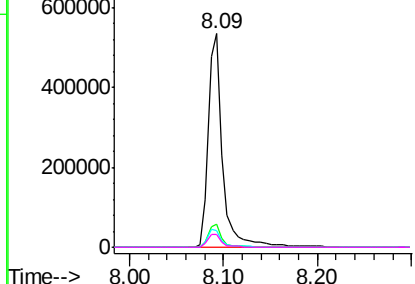
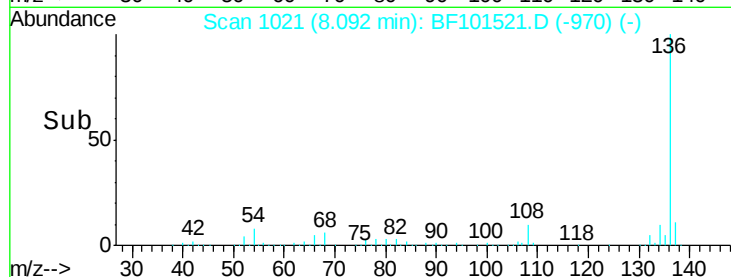
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101521.D
Acq: 19 Dec 2017 14:44

Instrument :
BNA_F
ClientSampleId :
SL-TRANSFORMERSRE

Tgt Ion:	136	Resp:	574379
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.1	6.6	9.8
68	6.1	5.0	7.4

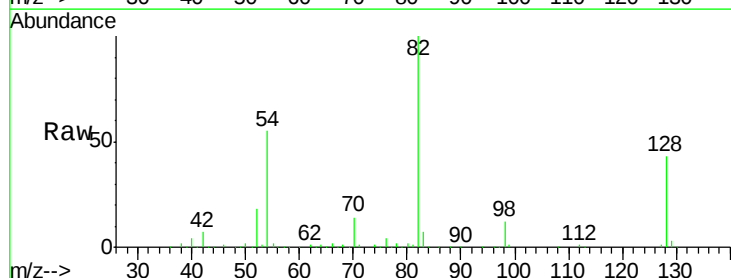


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

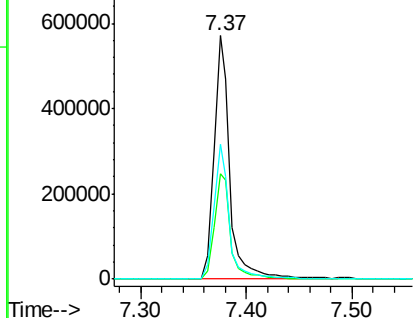
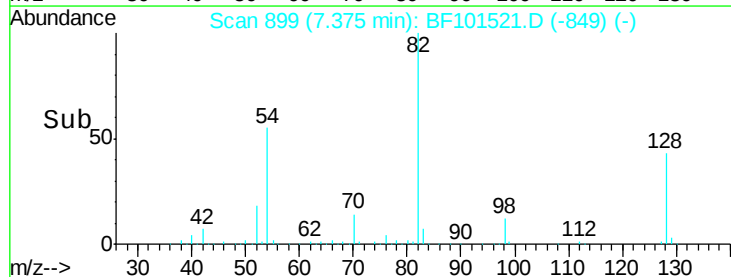


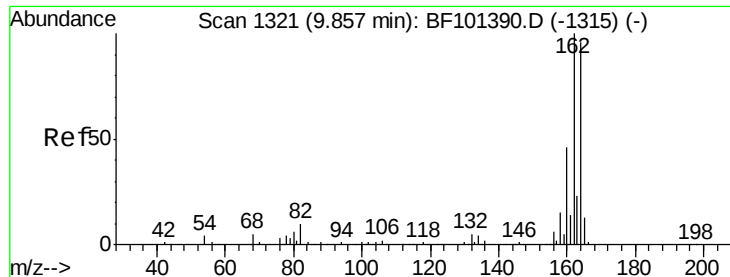
#23
Nitrobenzene-d5
Concen: 58.979 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101521.D
Acq: 19 Dec 2017 14:44

Tgt Ion:	82	Resp:	608567
Ion	Ratio	Lower	Upper
82	100		
128	43.3	36.1	54.1
54	55.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

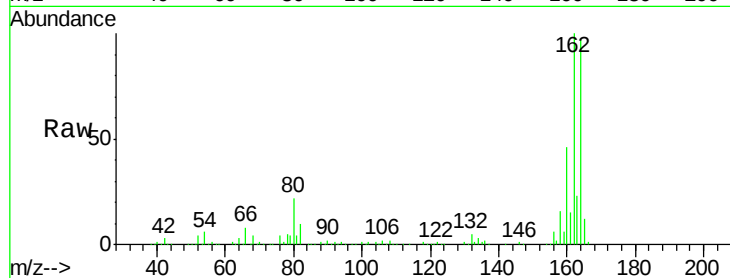




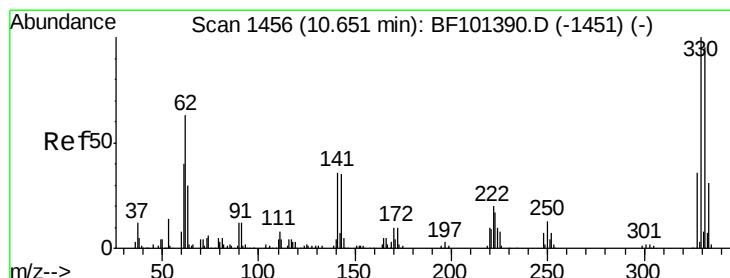
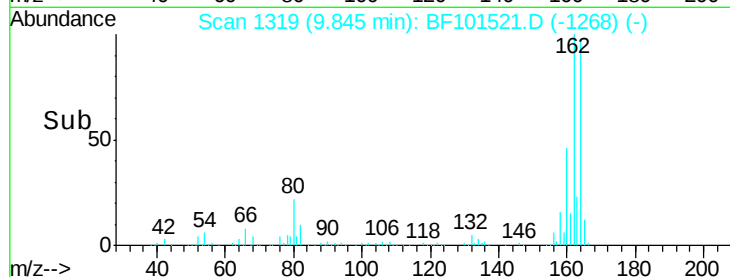
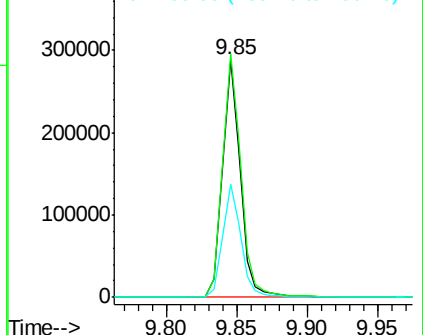
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF101521.D
 Acq: 19 Dec 2017 14:44

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Tgt Ion:164 Resp: 255172
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 47.6 38.3 57.5

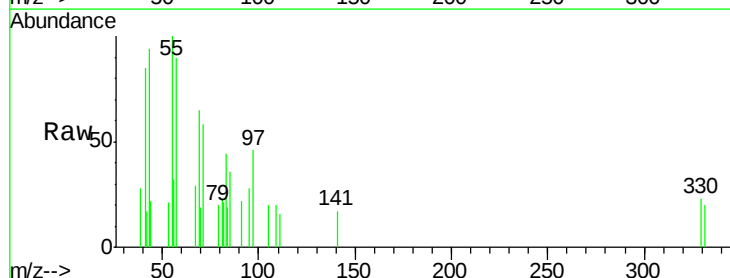


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

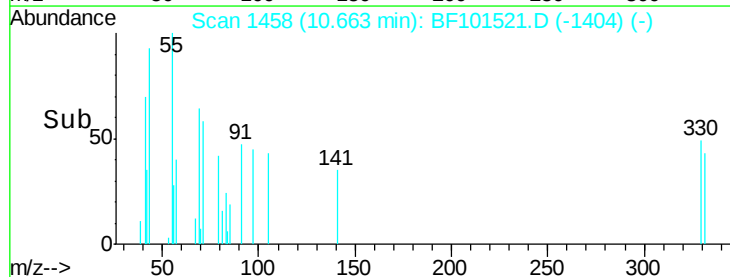
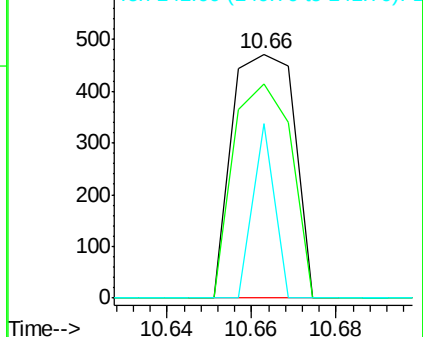


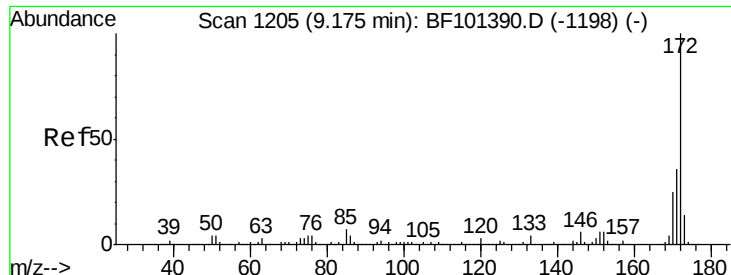
#41
 2,4,6-Tribromophenol
 Concen: 0.196 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.02 min
 Lab File: BF101521.D
 Acq: 19 Dec 2017 14:44

Tgt Ion:330 Resp: 482
 Ion Ratio Lower Upper
 330 100
 332 82.0 77.0 115.6
 141 24.7 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

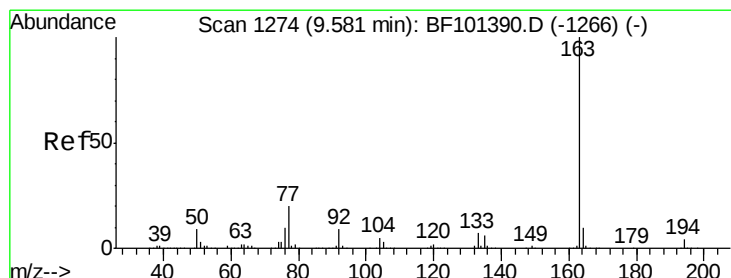
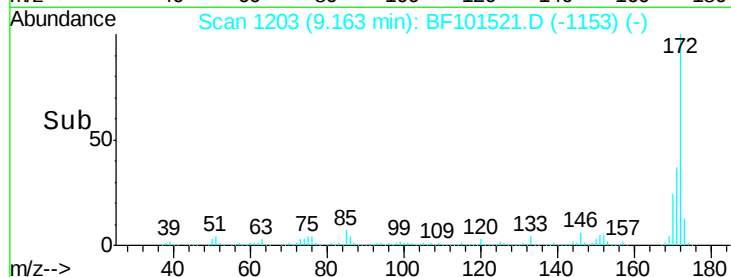
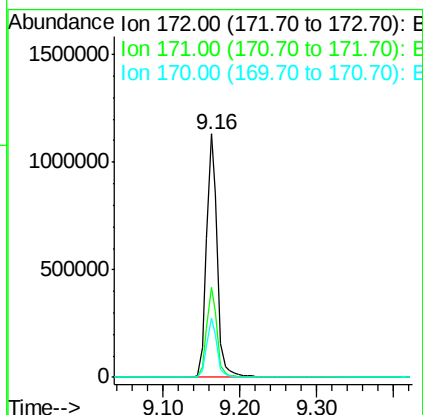
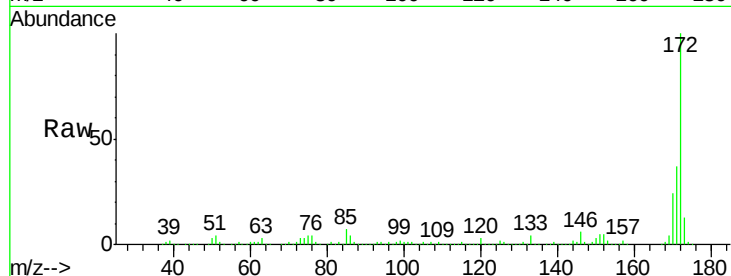




#44
 2-Fluorobiphenyl
 Concen: 66.499 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101521.D
 Acq: 19 Dec 2017 14:44

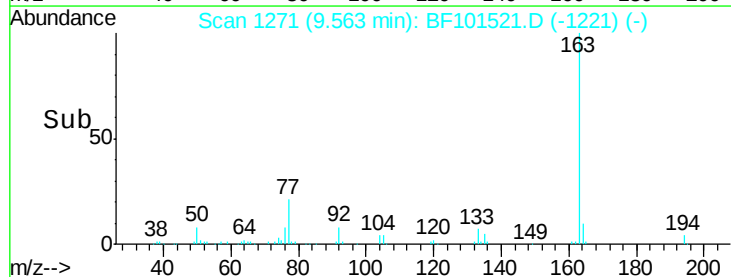
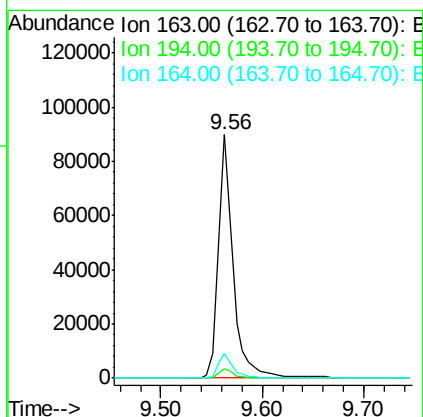
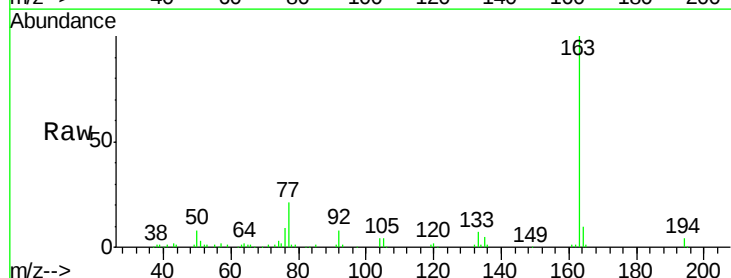
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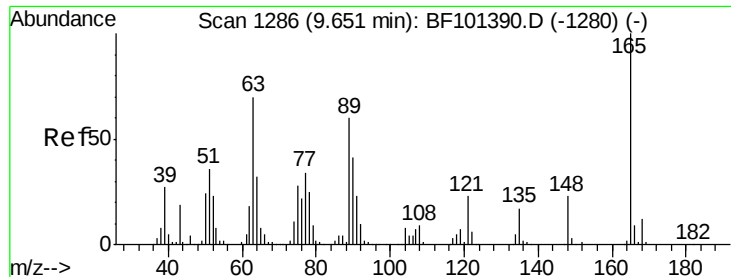
Tgt Ion:172 Resp: 1093883
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.2 19.6 29.4



#49
 Dimethylphthalate
 Concen: 4.489 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF101521.D
 Acq: 19 Dec 2017 14:44

Tgt Ion:163 Resp: 92138
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.0 8.2 12.2

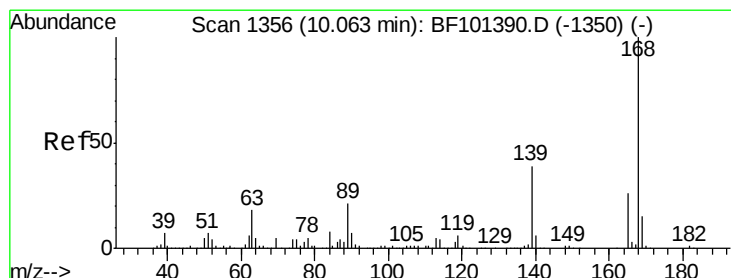
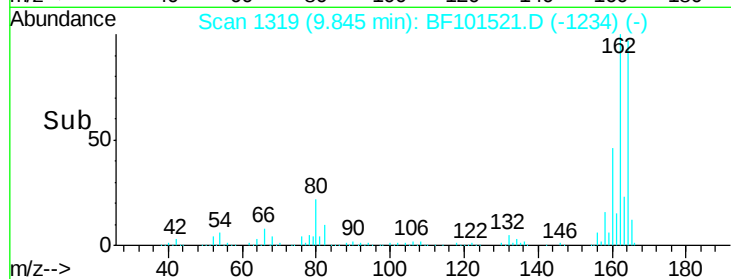
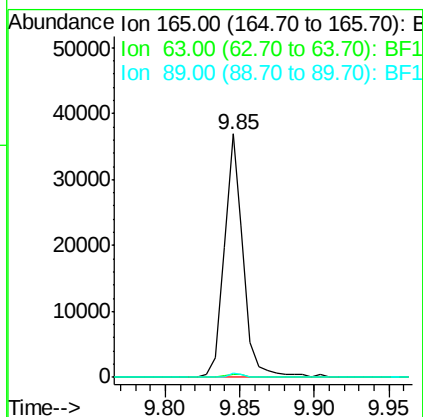
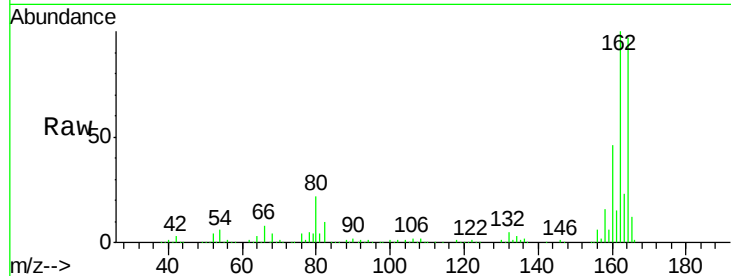




#50
 2,6-Dinitrotoluene
 Concen: 7.893 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101521.D
 Acq: 19 Dec 2017 14:44

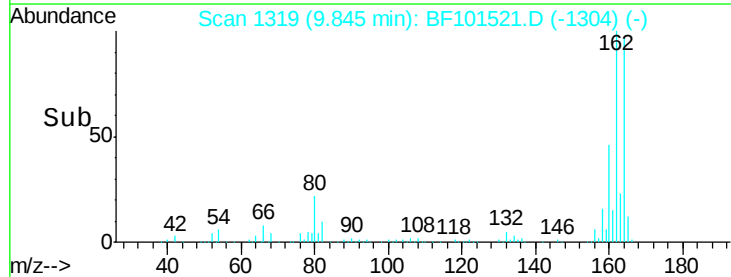
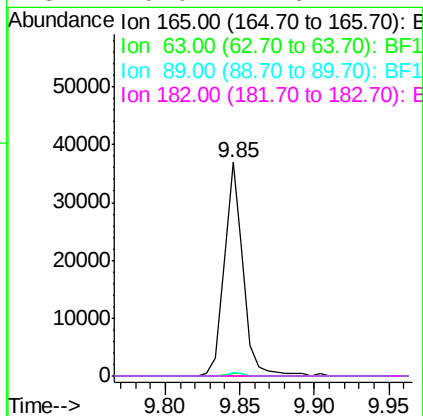
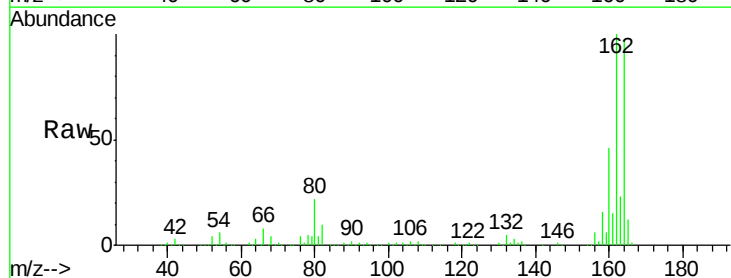
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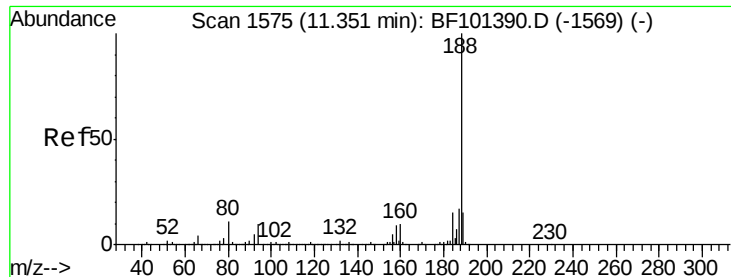
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.006 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101521.D
 Acq: 19 Dec 2017 14:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

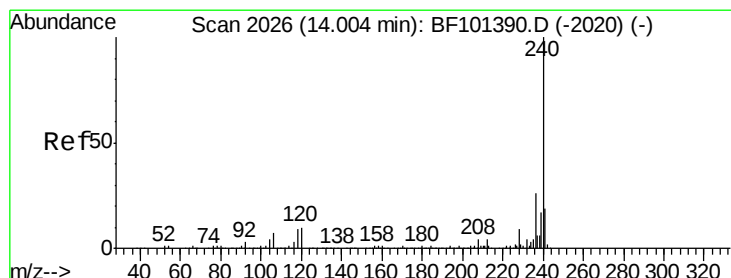
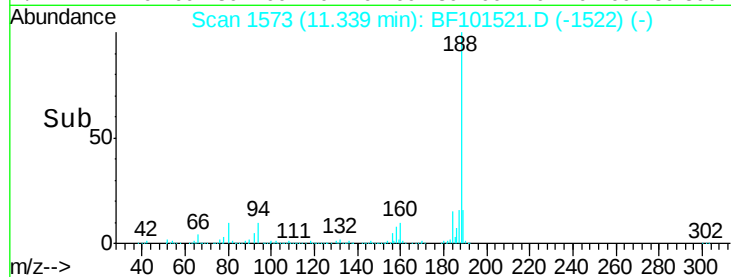
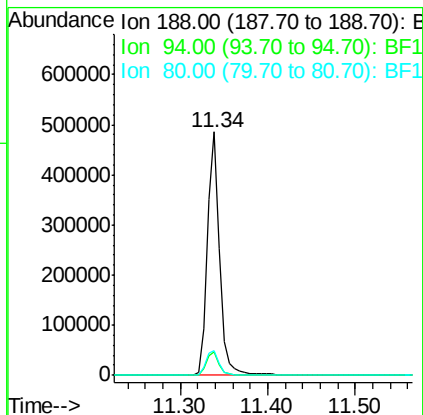
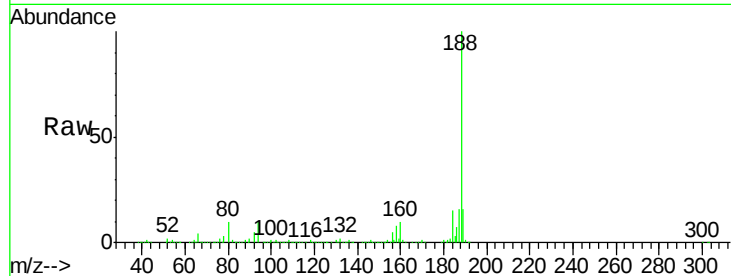




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101521.D
Acq: 19 Dec 2017 14:44

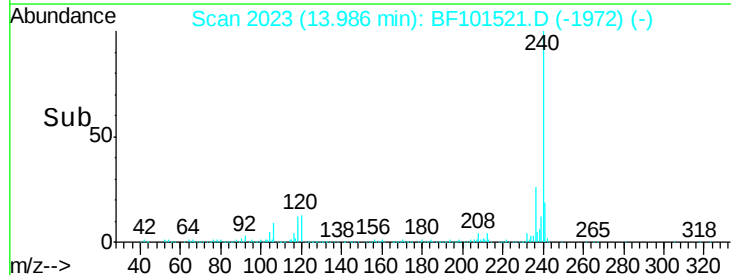
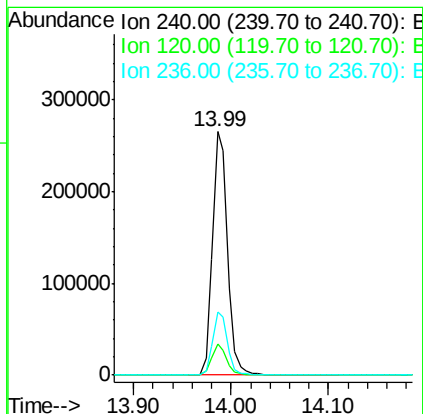
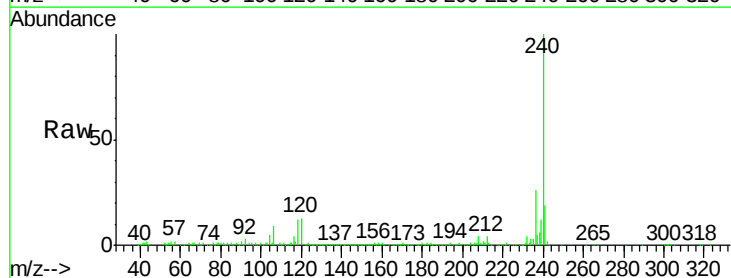
Instrument :
BNA_F
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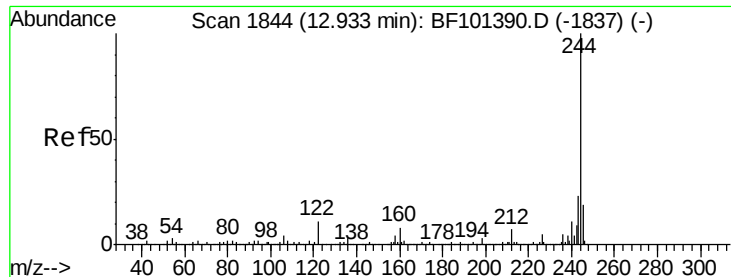
Tgt Ion:188 Resp: 469517
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101521.D
Acq: 19 Dec 2017 14:44

Tgt Ion:240 Resp: 282323
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 77.151 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101521.D

Acq: 19 Dec 2017 14:44

Instrument :

BNA_F

ClientSampleId :

SL-TRANSFORMERSRE

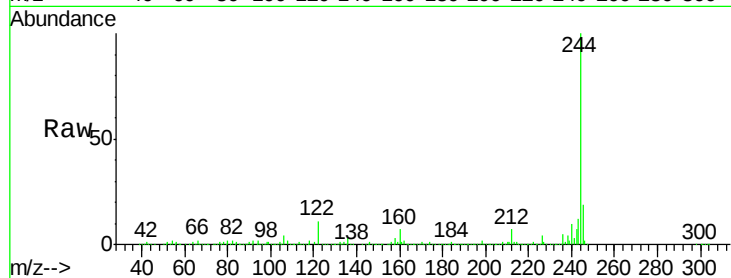
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Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

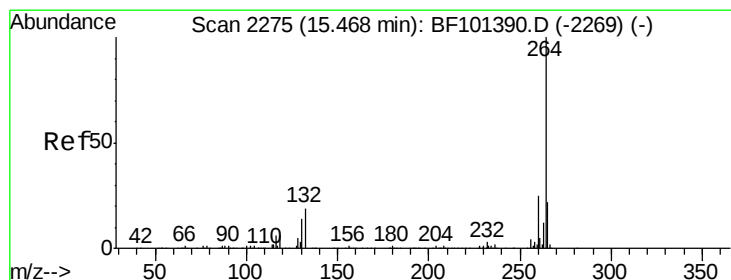
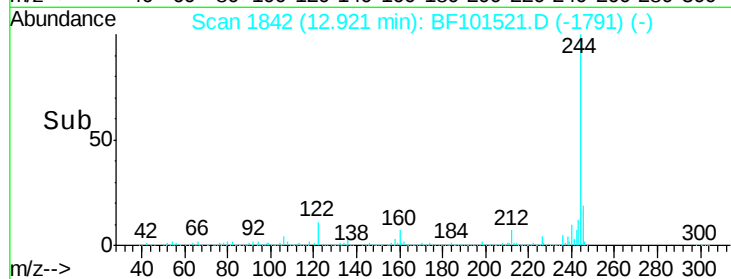
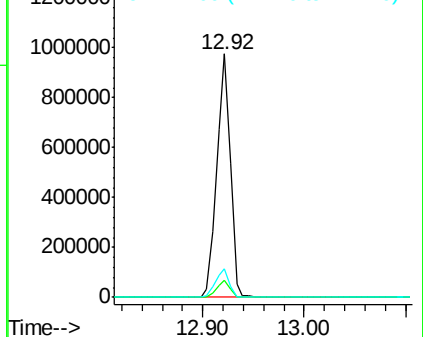
122 11.5 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101521.D

Acq: 19 Dec 2017 14:44

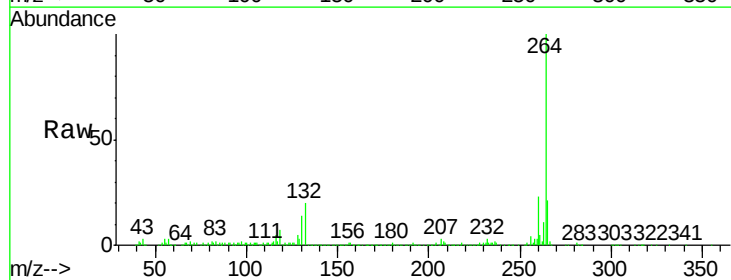
Tgt Ion:264 Resp: 308525

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 20.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

