

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124609.D
 Acq On : 19 Jul 2021 11:28
 Operator : JU/CG
 Sample : PB137731BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137731BL

Quant Time: Jul 19 12:06:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

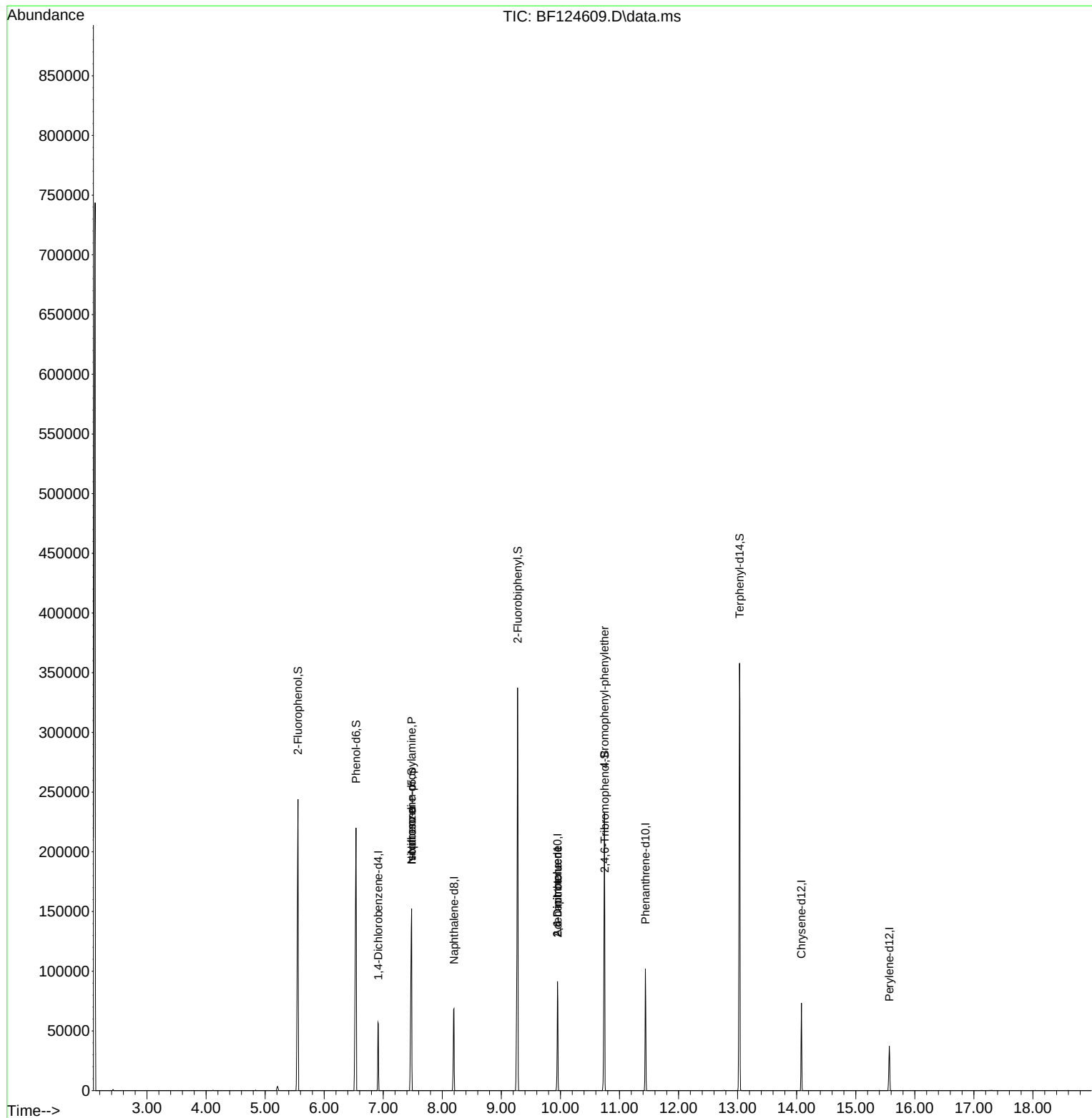
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	9324	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	38413	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	20521	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	37248	20.000	ng	0.00
76) Chrysene-d12	14.080	240	24803	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	18591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	78622	146.094	ng	0.02
7) Phenol-d6	6.539	99	91934	140.428	ng	0.00
23) Nitrobenzene-d5	7.481	82	57819	95.019	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	24260	151.918	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	132274	93.995	ng	0.00
79) Terphenyl-d14	13.033	244	144458	97.801	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	7474	20.306	ng	# 75
25) Isophorone	7.481	82	56317	50.415	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	2493	8.857	ng	# 26
57) 2,4-Dinitrotoluene	9.951	165	2493	6.470	ng	# 18
67) 4-Bromophenyl-phenylether	10.745	248	1890	4.907	ng	# 1

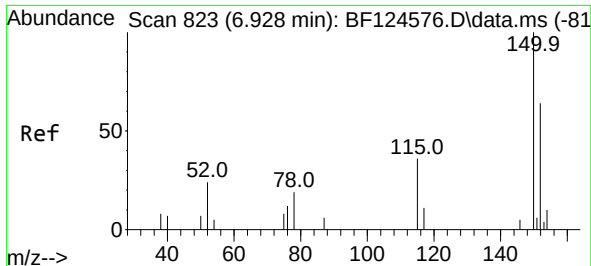
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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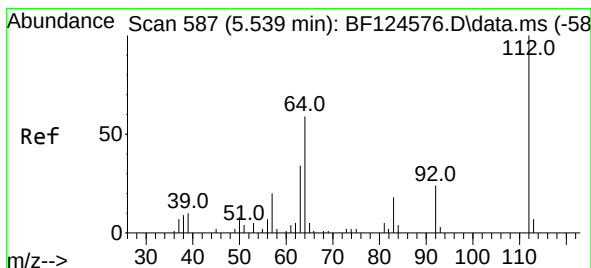
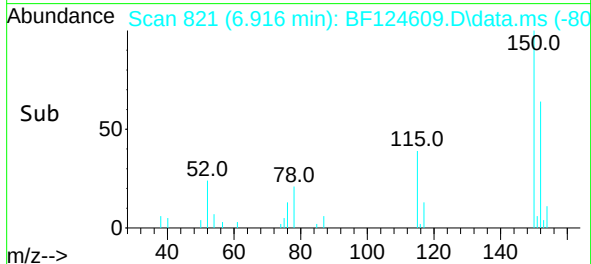
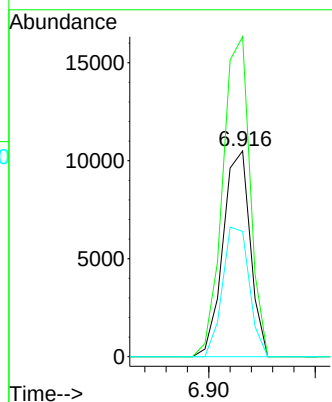
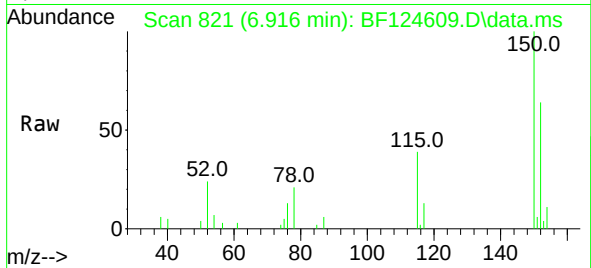




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

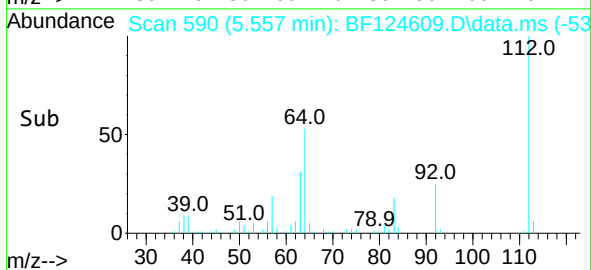
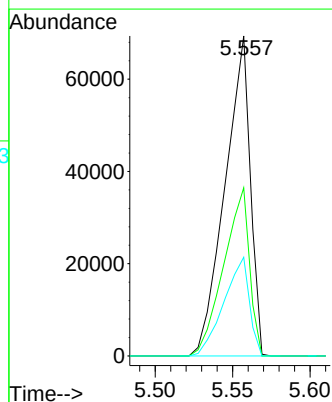
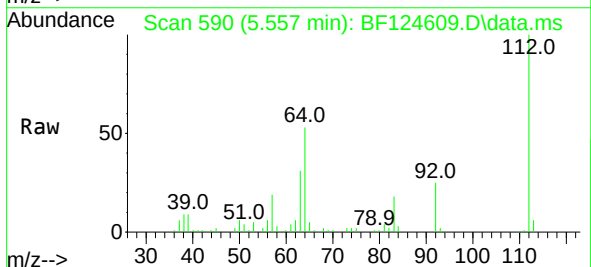
Instrument :
BNA_F
ClientSampleId :
PB137731BL

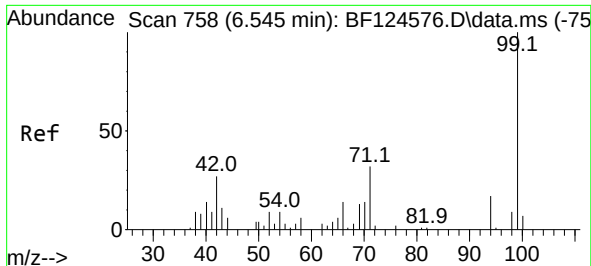
Tgt Ion:152 Resp: 9324
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 146.094 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.024 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Tgt Ion:112 Resp: 78622
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 30.8 26.2 39.2

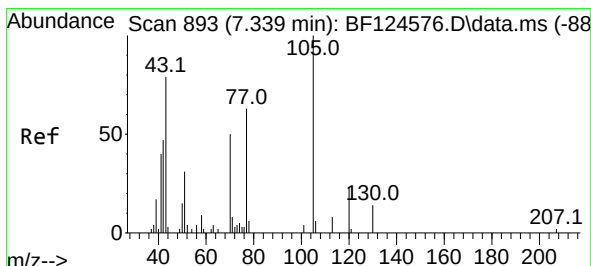
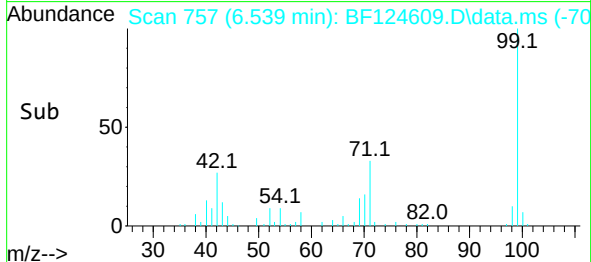
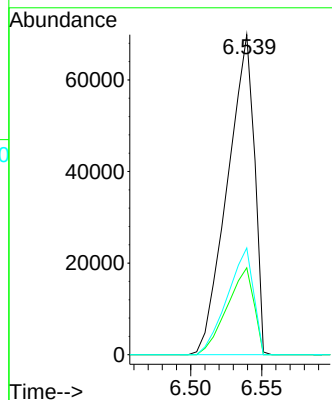
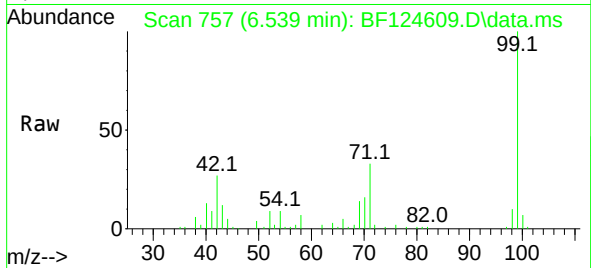




#7
Phenol-d6
Concen: 140.428 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

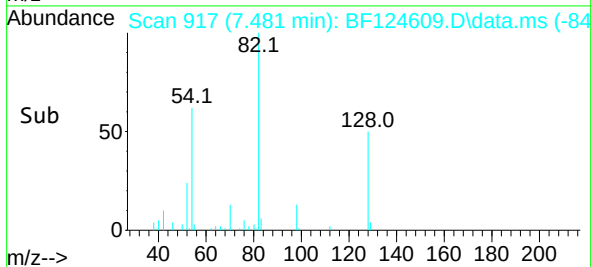
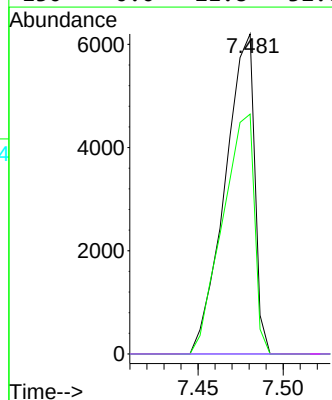
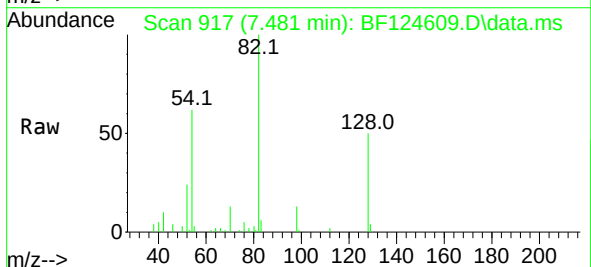
Instrument :
BNA_F
ClientSampleId :
PB137731BL

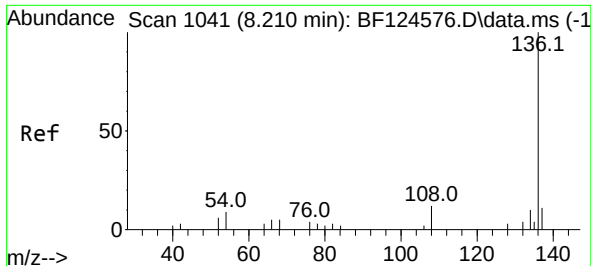
Tgt Ion: 99 Resp: 91934
Ion Ratio Lower Upper
99 100
42 27.2 23.5 35.3
71 33.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.306 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

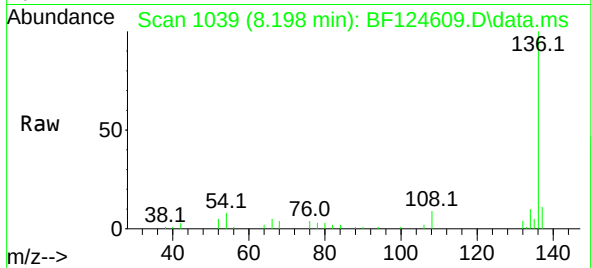
Tgt Ion: 70 Resp: 7474
Ion Ratio Lower Upper
70 100
42 74.9 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



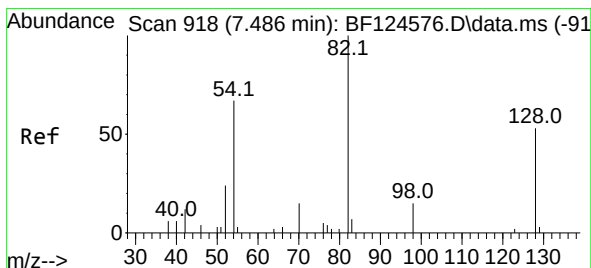
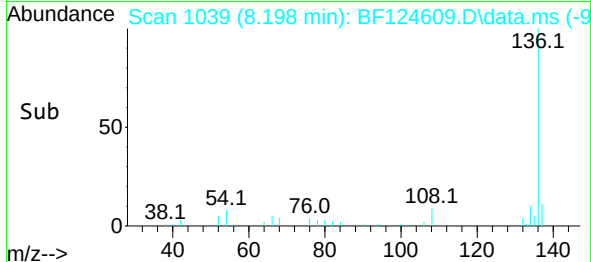
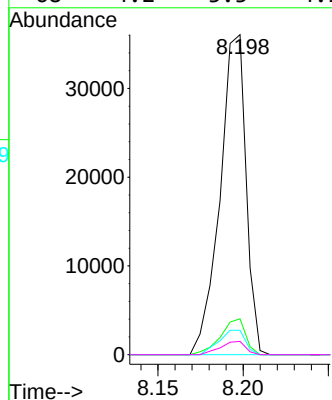


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Instrument :
BNA_F
ClientSampleId :
PB137731BL

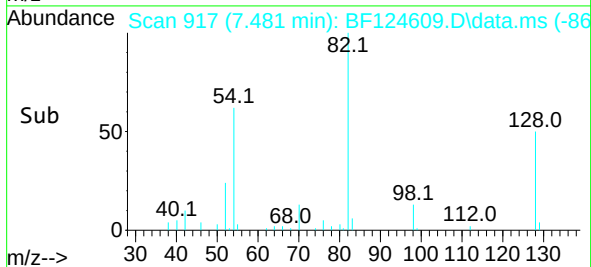
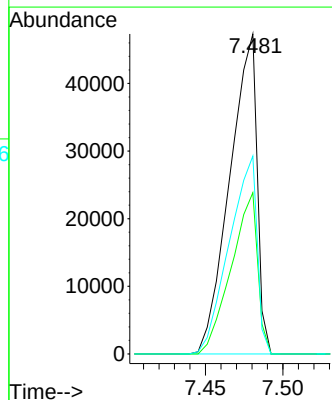
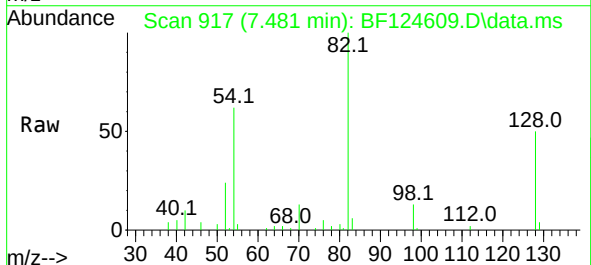


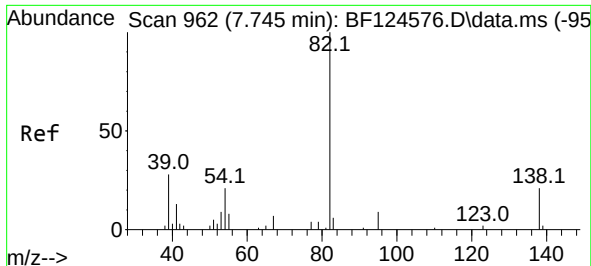
Tgt Ion:136 Resp: 38413
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 7.6 6.4 9.6
68 4.2 3.3 4.9



#23
Nitrobenzene-d5
Concen: 95.019 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Tgt Ion: 82 Resp: 57819
Ion Ratio Lower Upper
82 100
128 50.4 40.6 60.8
54 61.8 49.6 74.4

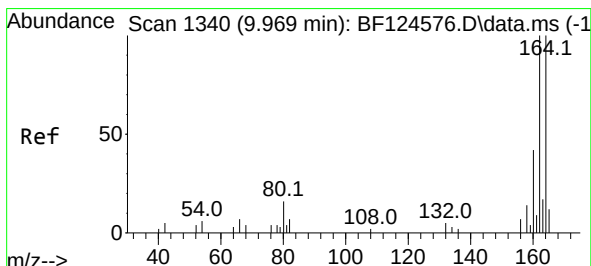
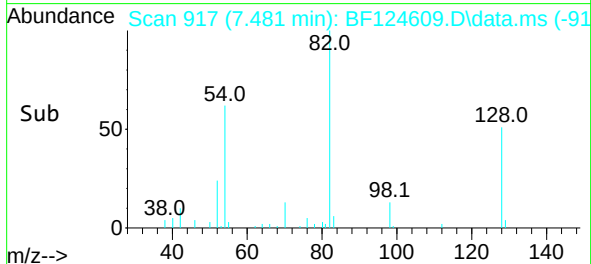
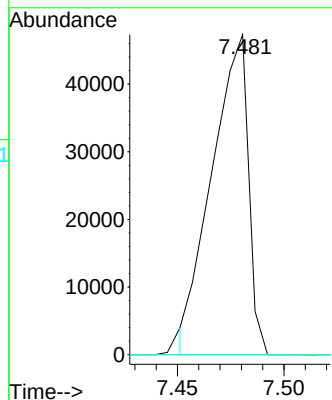
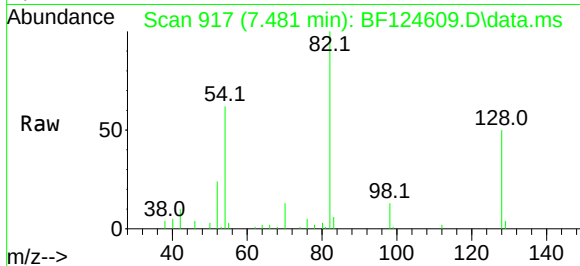




#25
Isophorone
Concen: 50.415 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

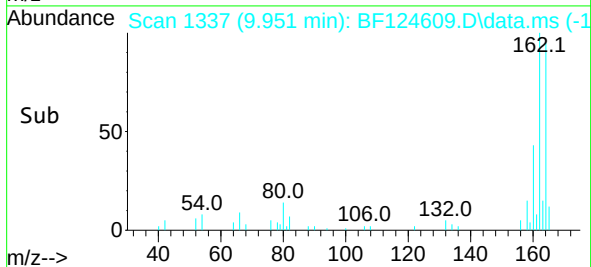
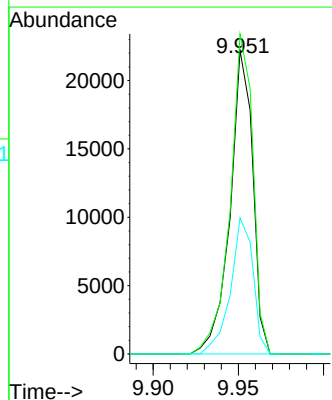
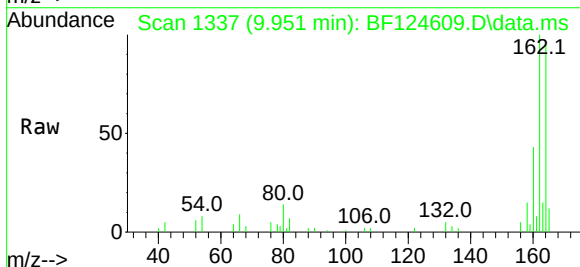
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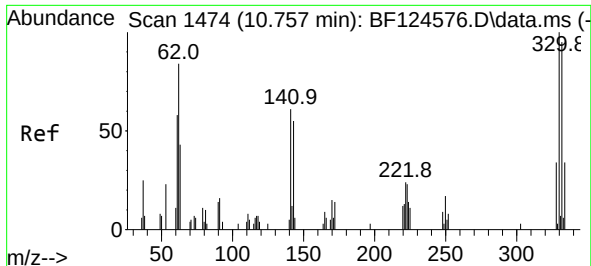
Tgt Ion: 82 Resp: 56317
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Tgt Ion:164 Resp: 20521
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 44.8 38.0 57.0

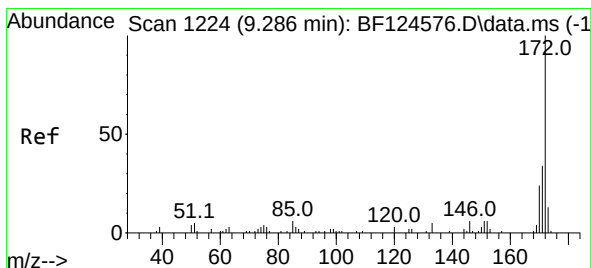
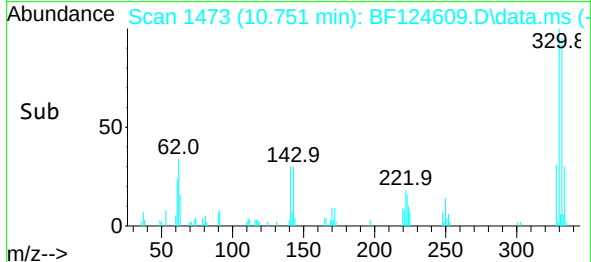
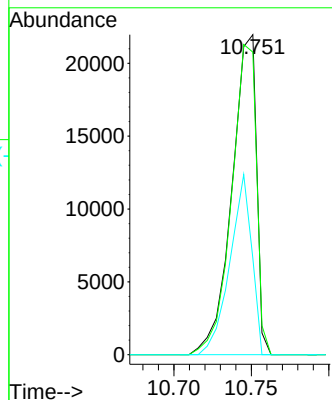
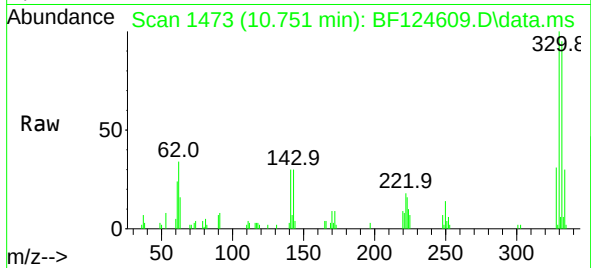




#42
2,4,6-Tribromophenol
Concen: 151.918 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

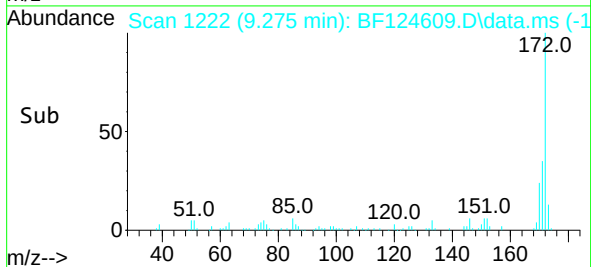
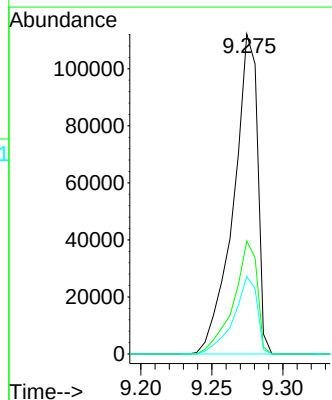
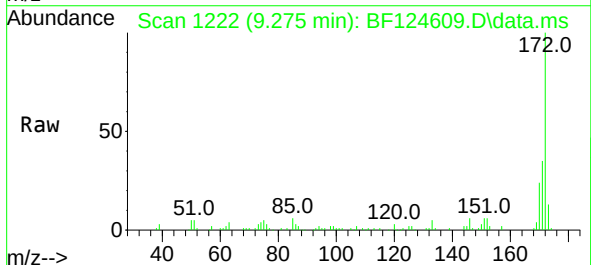
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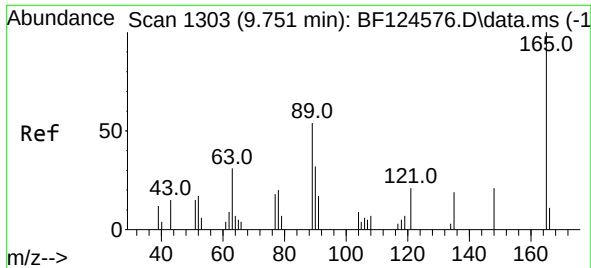
Tgt Ion: 330 Resp: 24260
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 49.9 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 93.995 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Tgt Ion: 172 Resp: 132274
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.2 18.8 28.2

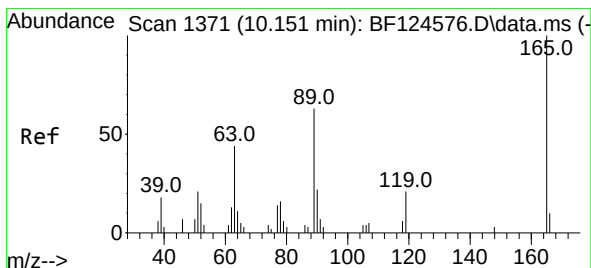
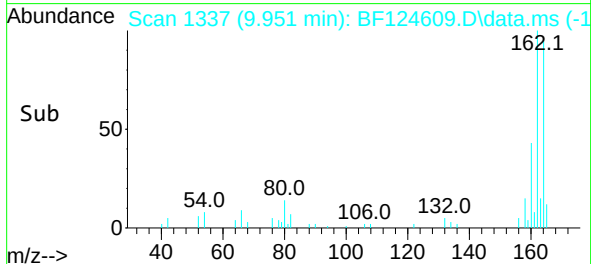
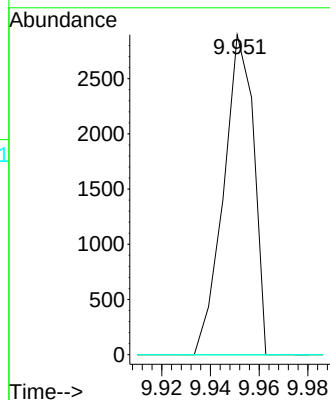
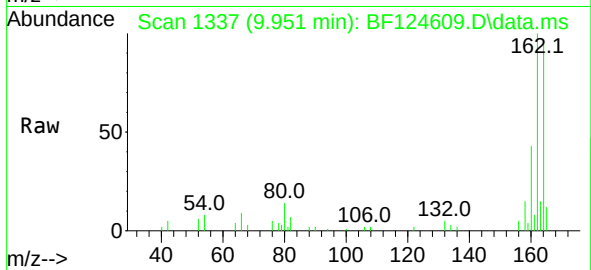




#51
2,6-Dinitrotoluene
Concen: 8.857 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.206 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

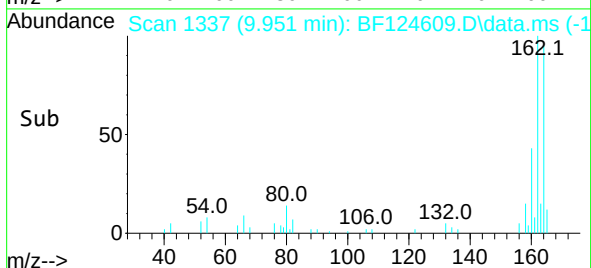
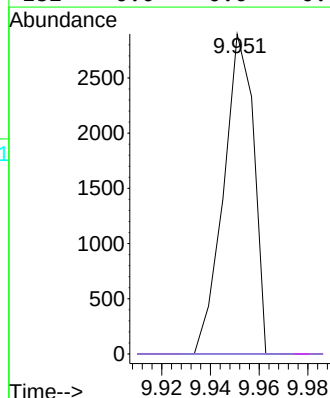
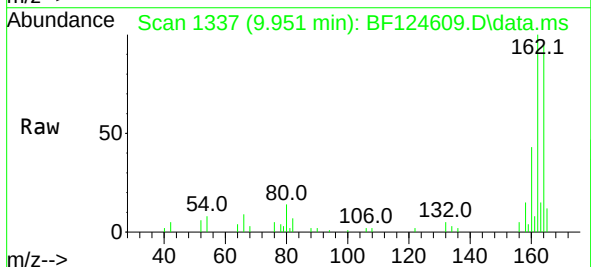
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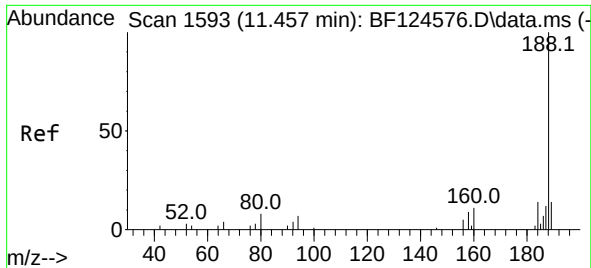
Tgt Ion:165 Resp: 2493
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.470 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.194 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Tgt Ion:165 Resp: 2493
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

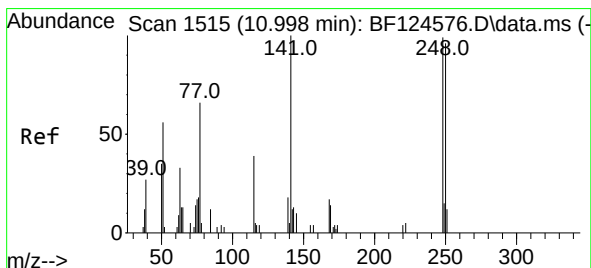
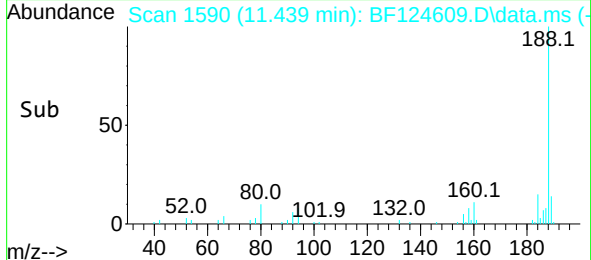
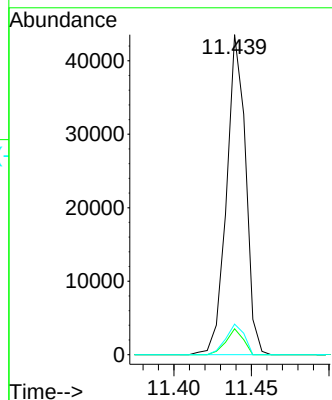
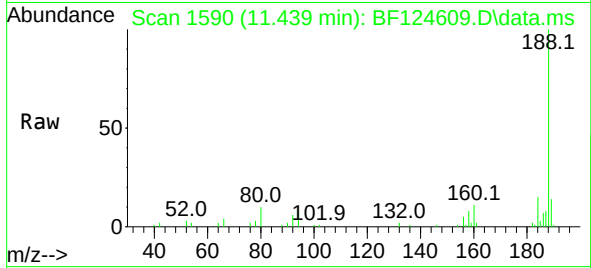




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

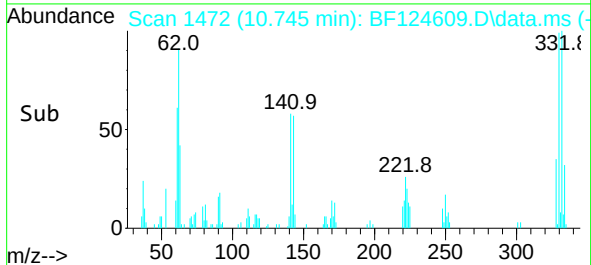
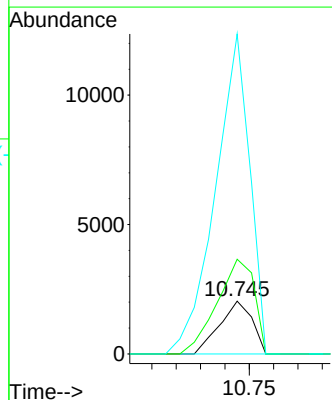
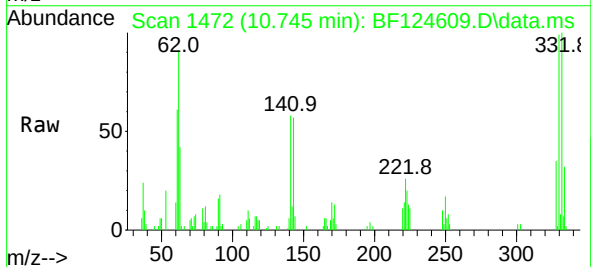
Instrument :
BNA_F
ClientSampleId :
PB137731BL

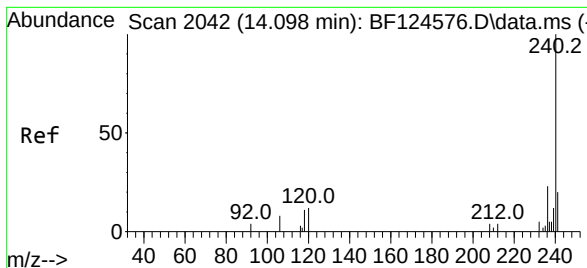
Tgt Ion:188 Resp: 37248
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.907 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Tgt Ion:248 Resp: 1890
Ion Ratio Lower Upper
248 100
250 179.3 74.2 111.4#
141 606.0 60.4 90.6#

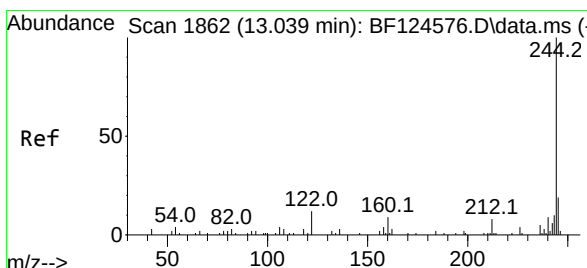
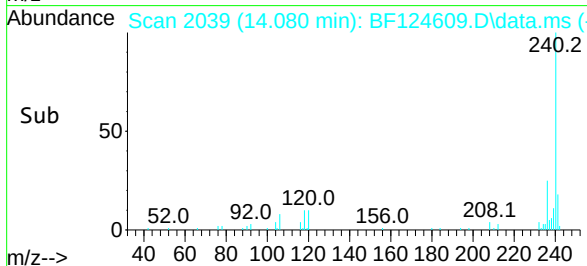
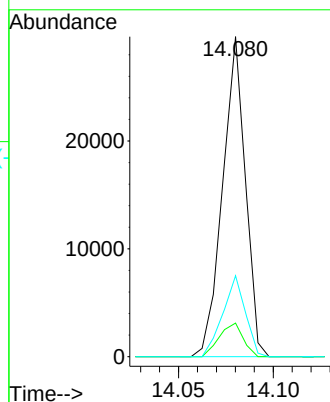
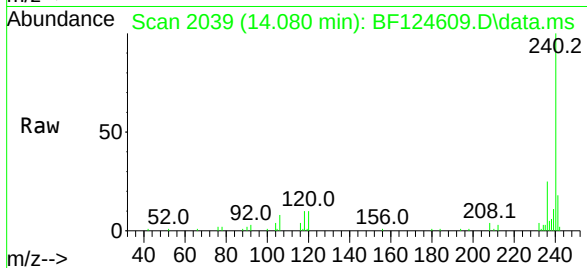




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

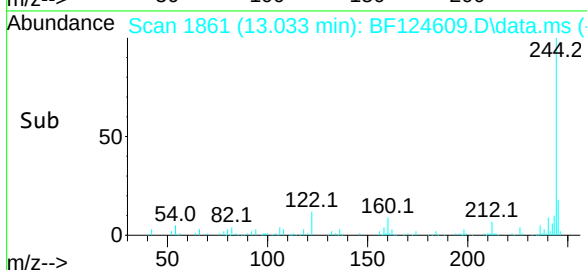
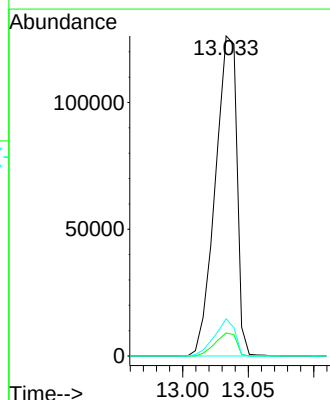
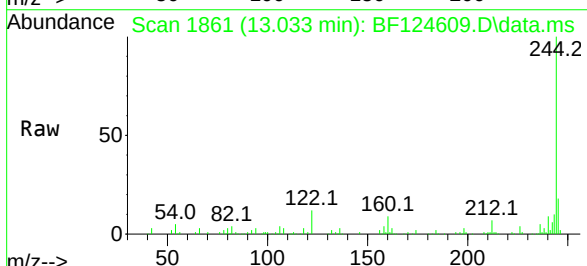
Instrument :
BNA_F
ClientSampleId :
PB137731BL

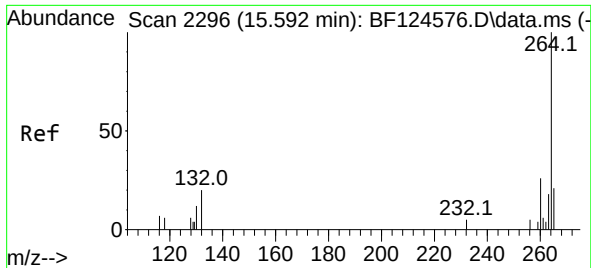
Tgt Ion:240 Resp: 24803
Ion Ratio Lower Upper
240 100
120 10.5 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 97.801 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

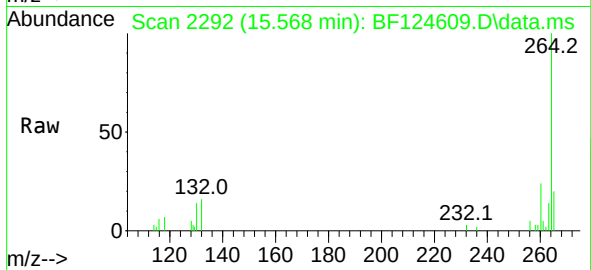
Tgt Ion:244 Resp: 144458
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF124609.D
Acq: 19 Jul 2021 11:28

Instrument :
BNA_F
ClientSampleId :
PB137731BL



Tgt Ion:	264	Resp:	18591
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.6	29.4
265	19.6	17.2	25.8

