

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124371.D
 Acq On : 18 Jun 2021 13:01
 Operator : JU/CG
 Sample : PB137192BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137192BL

Quant Time: Jun 18 13:28:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

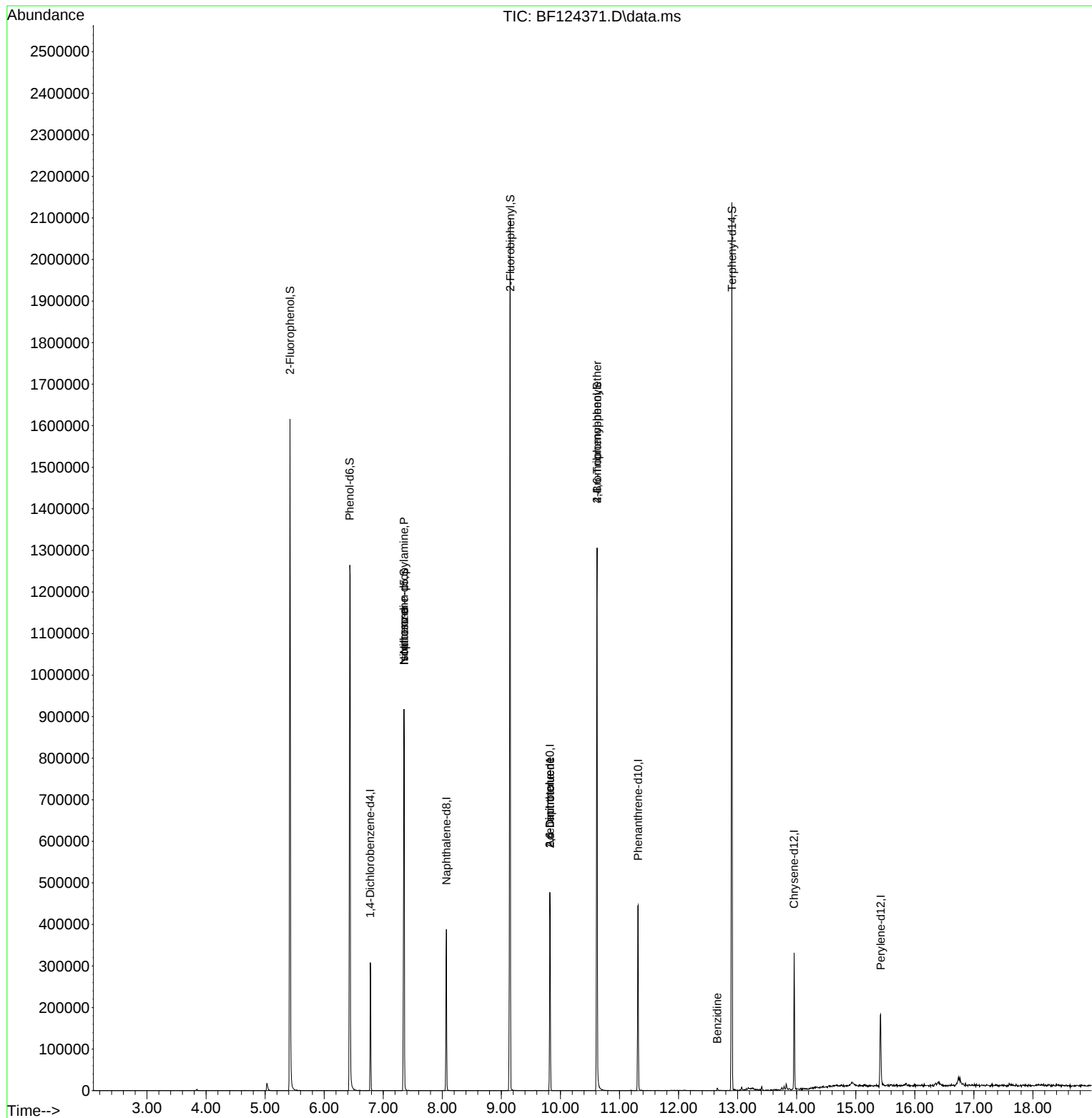
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	42573	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	155757	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	96324	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	170537	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	100228	20.000	ng	0.00
86) Perylene-d12	15.421	264	79294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	357892	126.547	ng	0.00
7) Phenol-d6	6.434	99	437093	114.981	ng	-0.01
23) Nitrobenzene-d5	7.351	82	332353	84.629	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	145925	106.930	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	642357	83.917	ng	0.00
79) Terphenyl-d14	12.904	244	632733	86.674	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	47242	17.605	ng	# 59
25) Isophorone	7.351	82	332349	46.963	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	11881	6.502	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	11881	4.930	ng	# 17
67) 4-Bromophenyl-phenylether	10.622	248	10890	4.652	ng	# 1
77) Benzidine	12.657	184	5210	6.102	ng	98

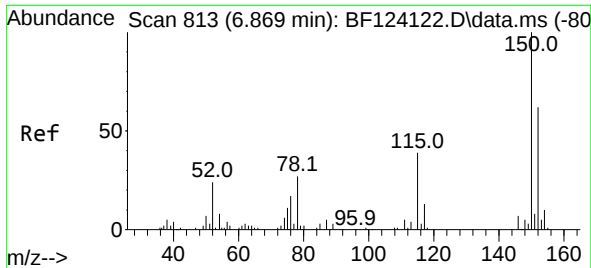
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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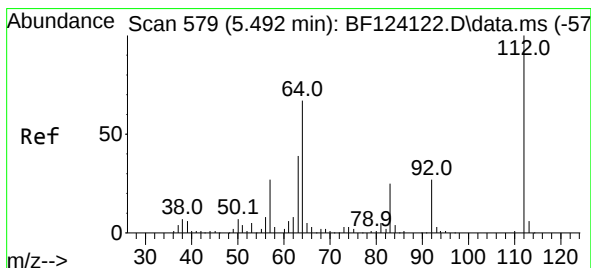
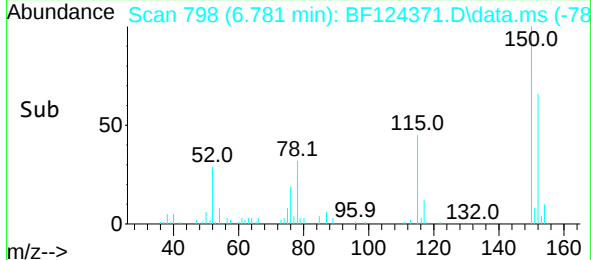
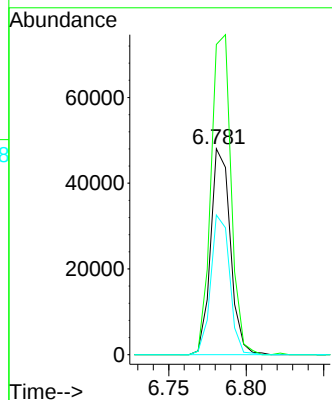
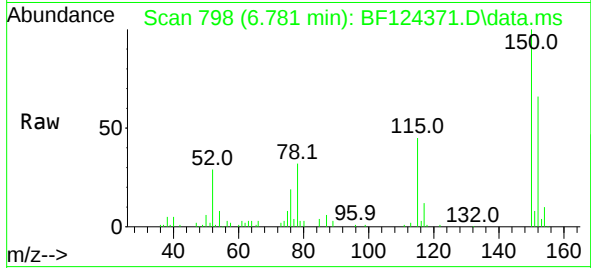




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

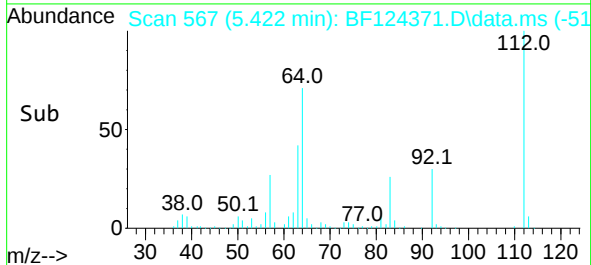
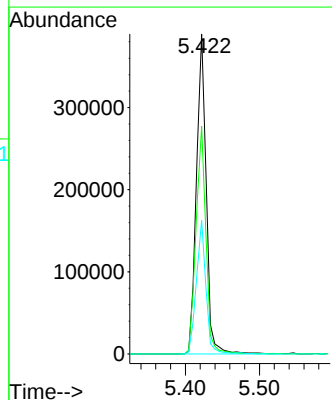
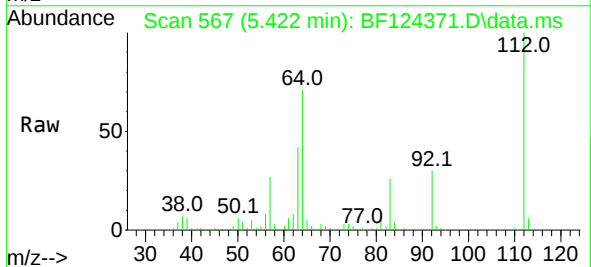
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BNA_F
ClientSampleID :
PB137192BL

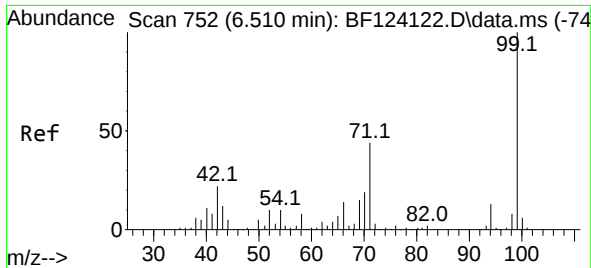
Tgt Ion:152 Resp: 42573
Ion Ratio Lower Upper
152 100
150 150.7 127.0 190.6
115 67.9 54.3 81.5



#5
2-Fluorophenol
Concen: 126.547 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

Tgt Ion:112 Resp: 357892
Ion Ratio Lower Upper
112 100
64 71.1 61.4 92.0
63 41.8 33.0 49.4

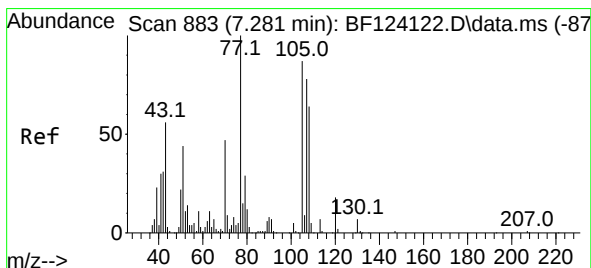
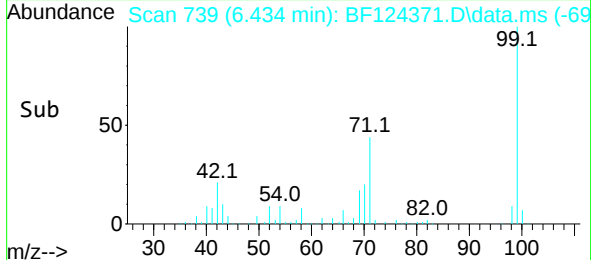
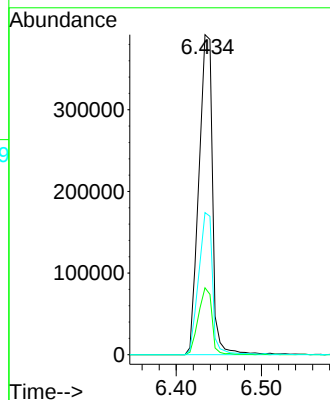
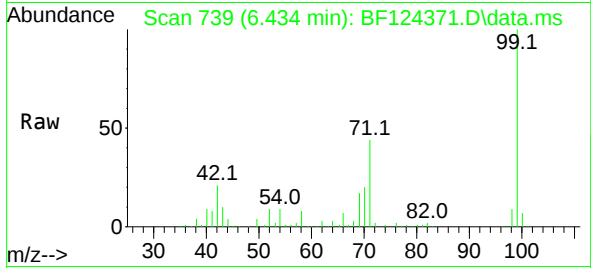




#7
Phenol-d6
Concen: 114.981 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

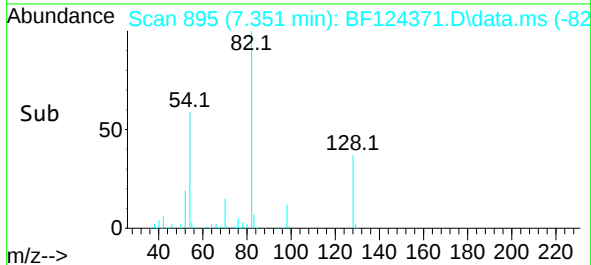
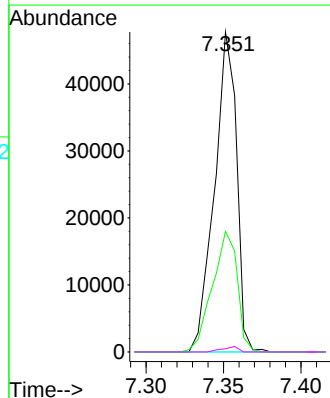
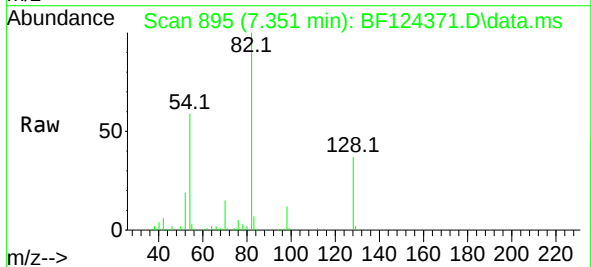
Instrument :
BNA_F
ClientSampleId :
PB137192BL

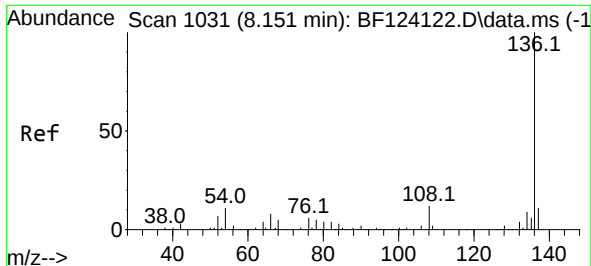
Tgt Ion: 99 Resp: 437093
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 44.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.605 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

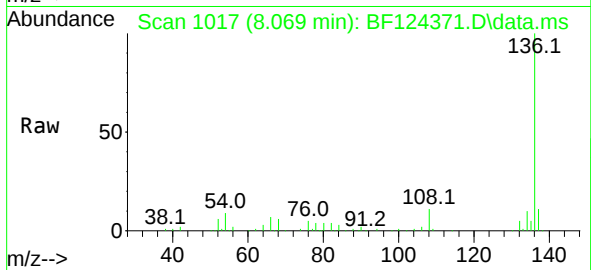
Tgt Ion: 70 Resp: 47242
Ion Ratio Lower Upper
70 100
42 37.7 60.1 90.1#
101 0.0 7.4 11.2#
130 1.0 14.2 21.2#



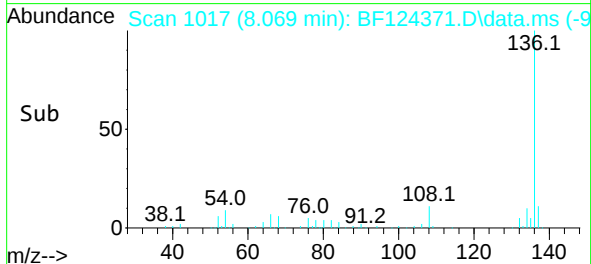
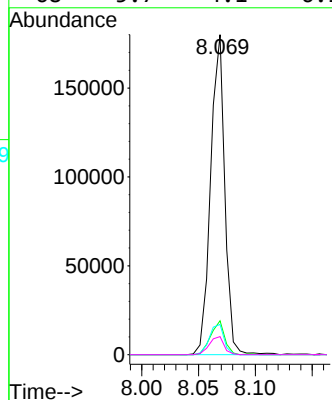


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

Instrument :
BNA_F
ClientSampleId :
PB137192BL

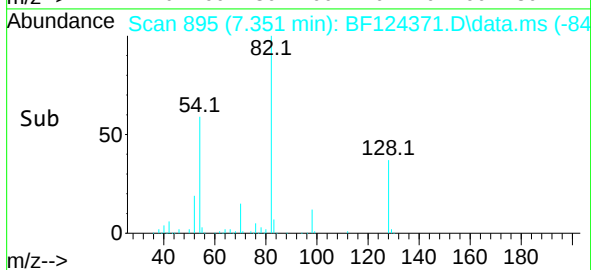
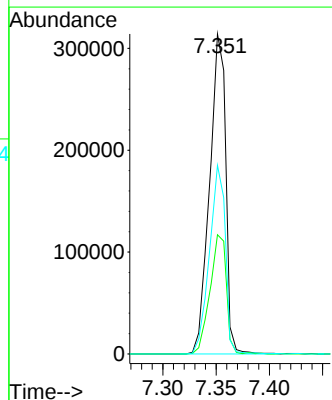
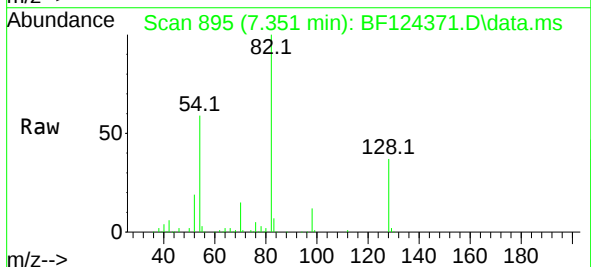


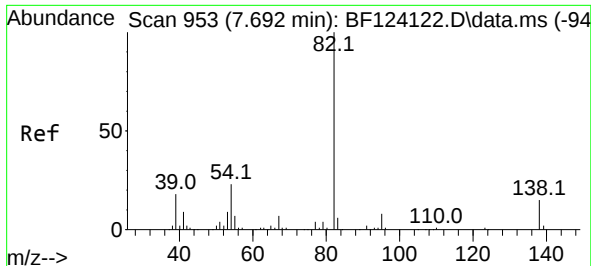
Tgt Ion:136 Resp: 155757
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 9.4 9.8 14.6#
68 5.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 84.629 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

Tgt Ion: 82 Resp: 332353
Ion Ratio Lower Upper
82 100
128 37.2 29.4 44.2
54 58.9 54.1 81.1

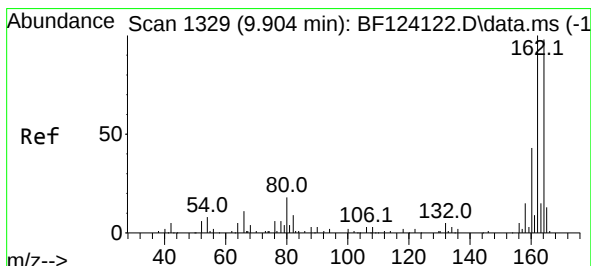
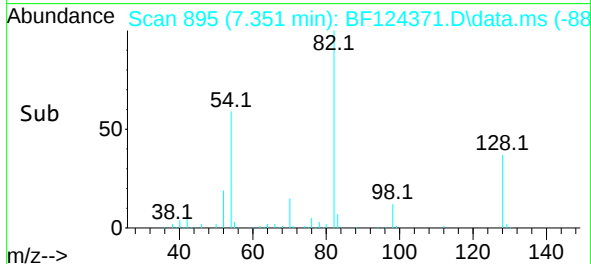
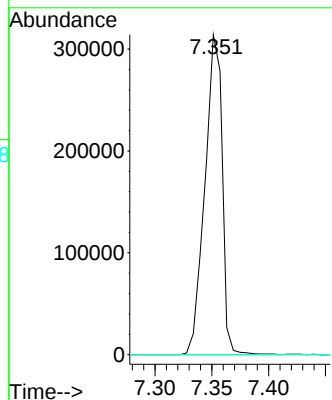
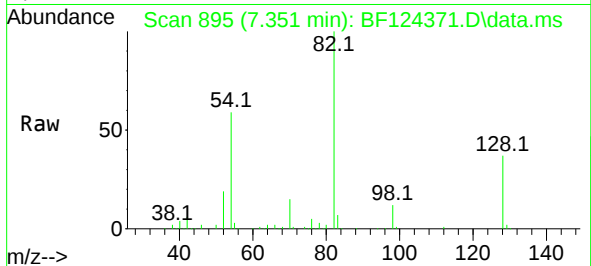




#25
Isophorone
Concen: 46.963 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

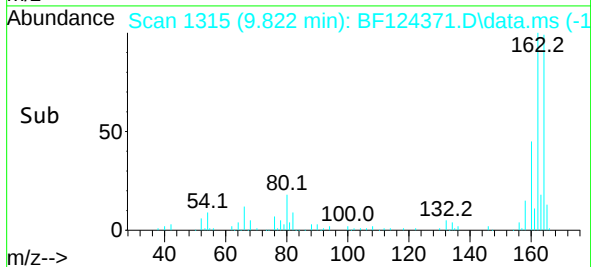
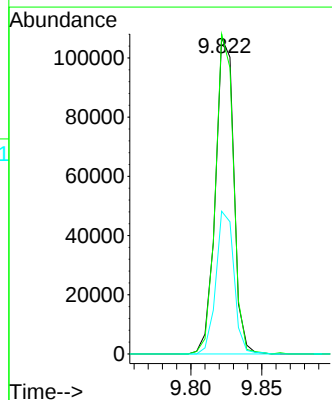
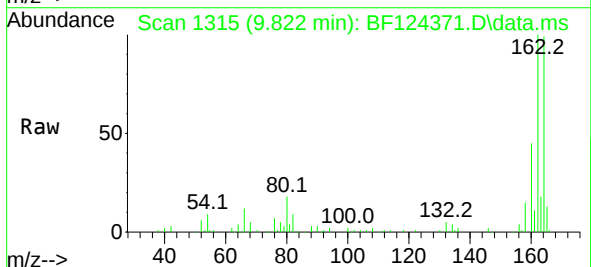
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ClientSampleId :
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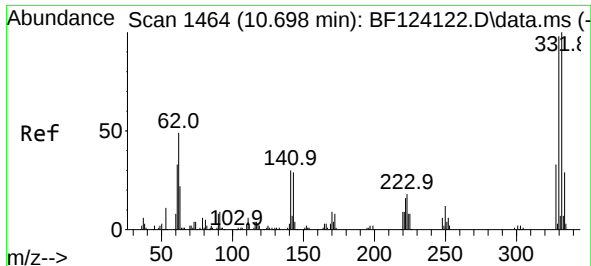
Tgt Ion: 82 Resp: 332349
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

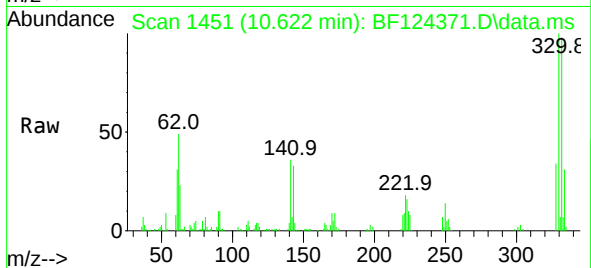
Tgt Ion: 164 Resp: 96324
Ion Ratio Lower Upper
164 100
162 101.2 80.7 121.1
160 45.1 37.3 55.9



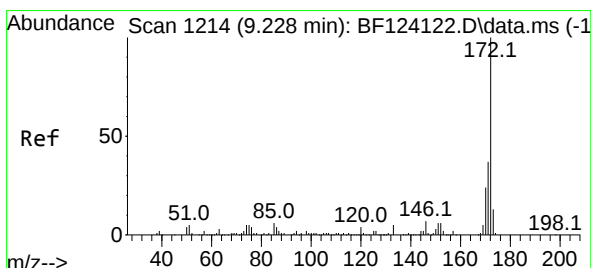
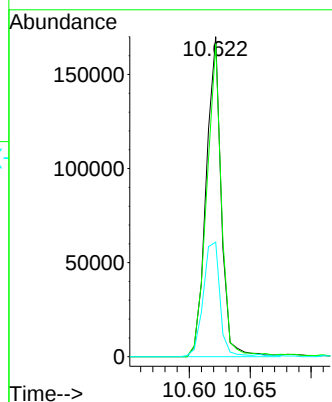
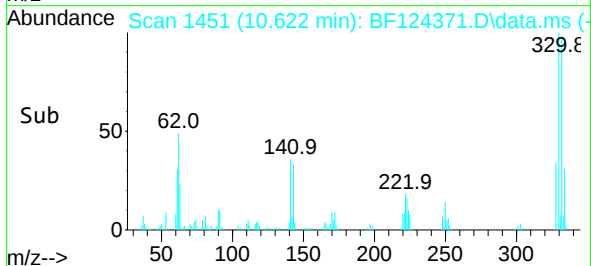


#42
2,4,6-Tribromophenol
Concen: 106.930 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

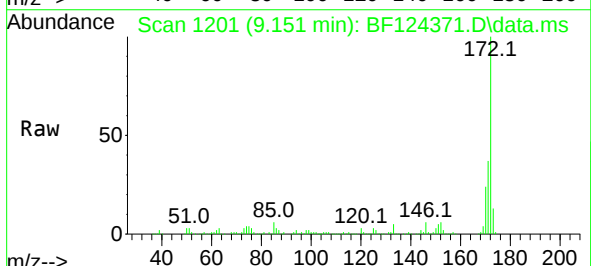
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BNA_F
ClientSampleId :
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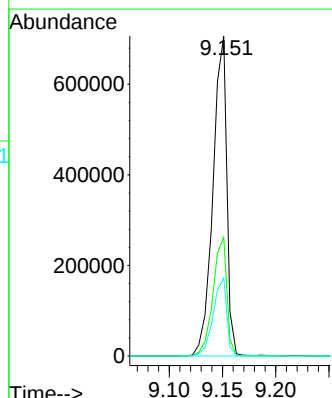
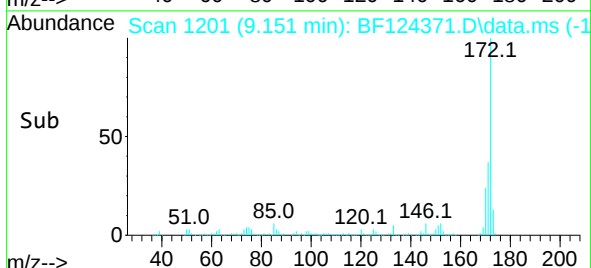
Tgt Ion: 330 Resp: 145925
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 39.8 27.9 41.9

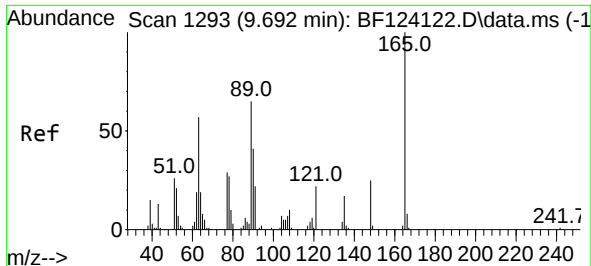


#45
2-Fluorobiphenyl
Concen: 83.917 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01



Tgt Ion: 172 Resp: 642357
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 24.4 19.2 28.8

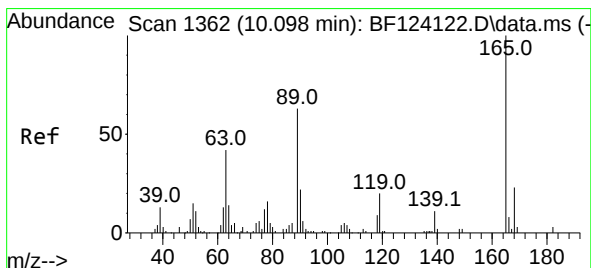
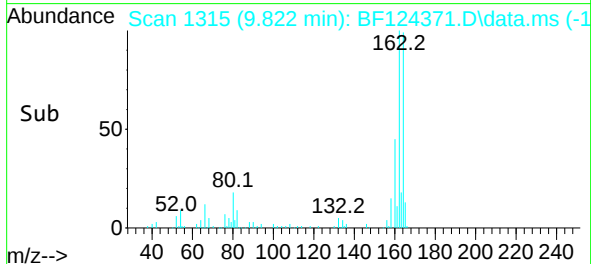
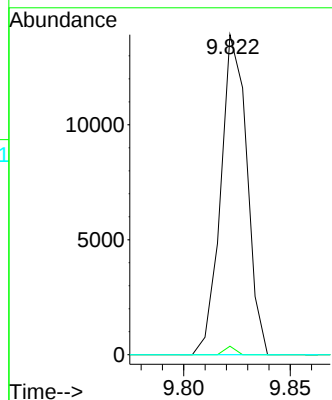
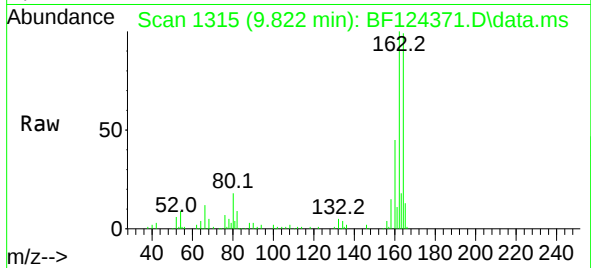




#51
2,6-Dinitrotoluene
Concen: 6.502 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

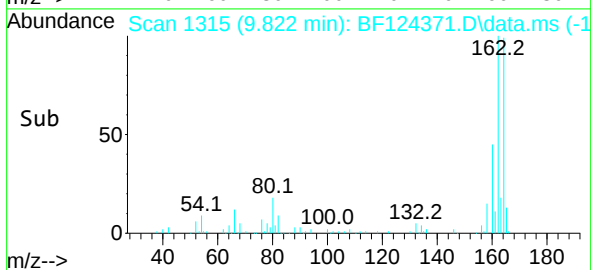
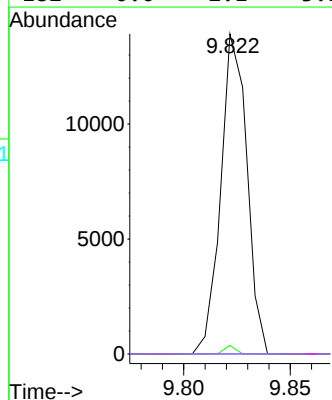
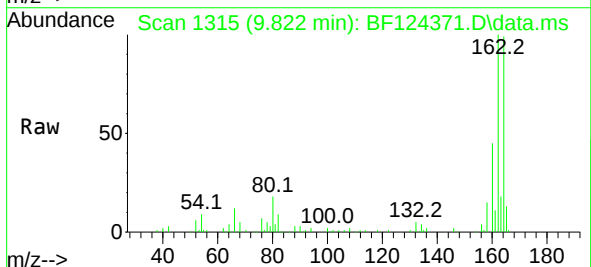
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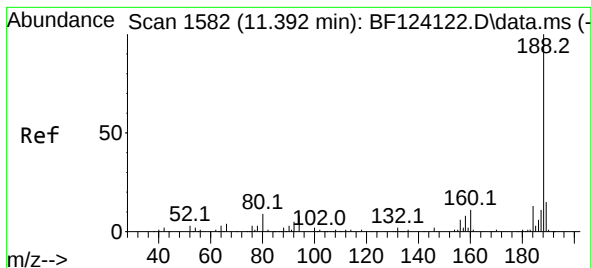
Tgt Ion:165 Resp: 11881
Ion Ratio Lower Upper
165 100
63 2.6 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.930 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

Tgt Ion:165 Resp: 11881
Ion Ratio Lower Upper
165 100
63 2.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

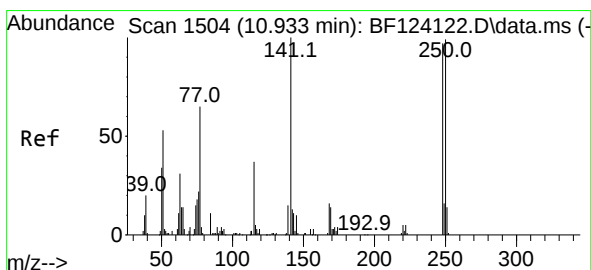
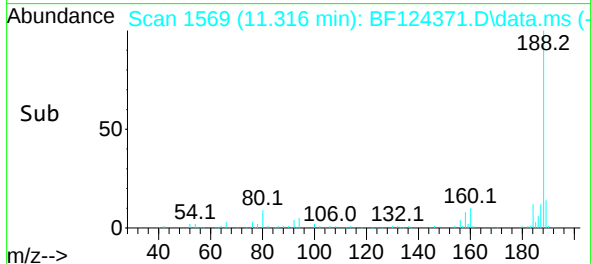
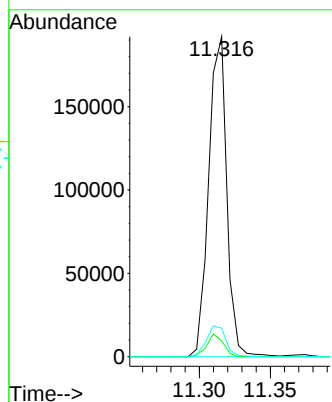
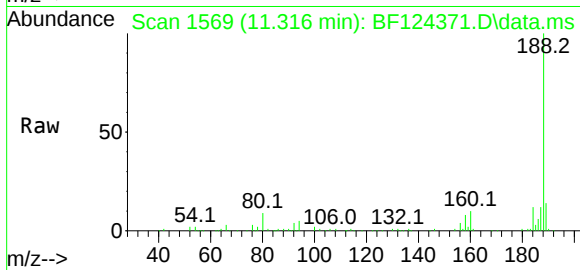




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

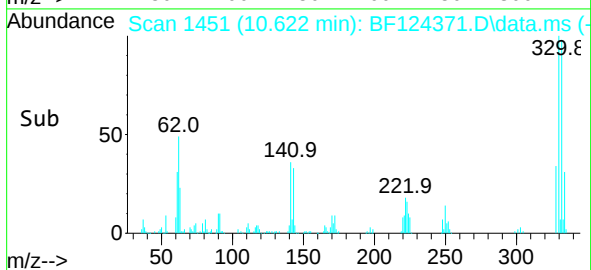
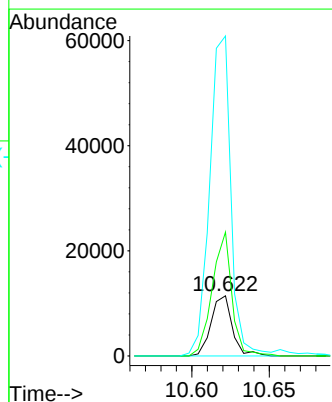
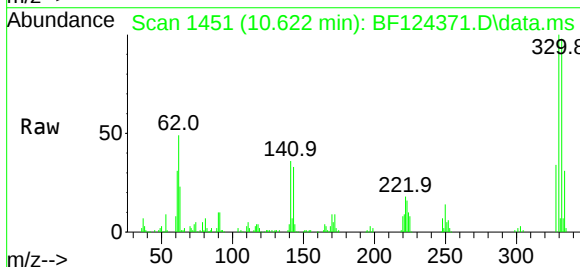
Instrument :
BNA_F
ClientSampleId :
PB137192BL

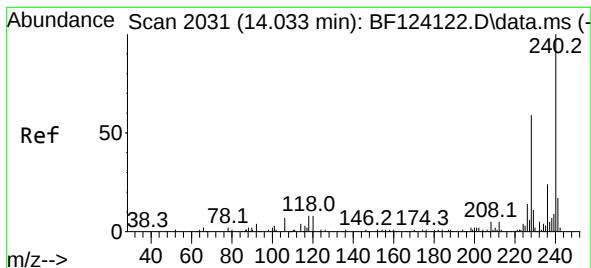
Tgt Ion:188 Resp: 170537
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 8.9 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.652 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.241 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

Tgt Ion:248 Resp: 10890
Ion Ratio Lower Upper
248 100
250 205.7 77.4 116.2#
141 531.6 63.7 95.5#

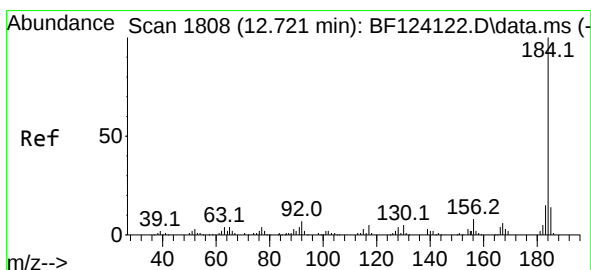
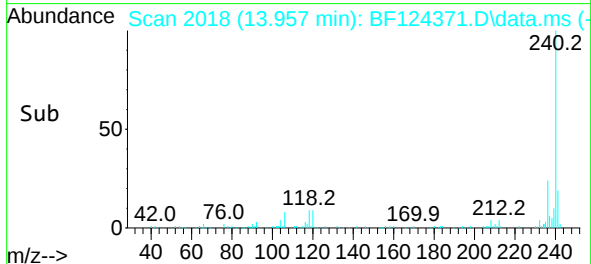
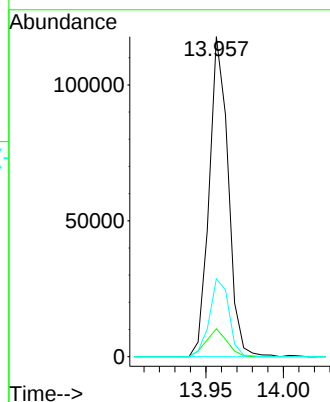
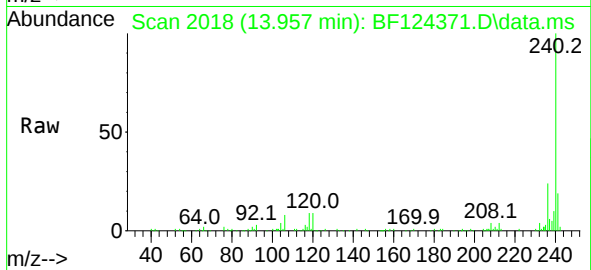




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

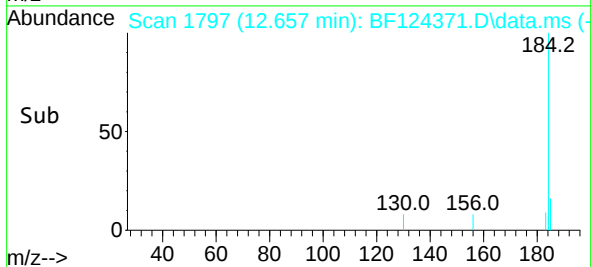
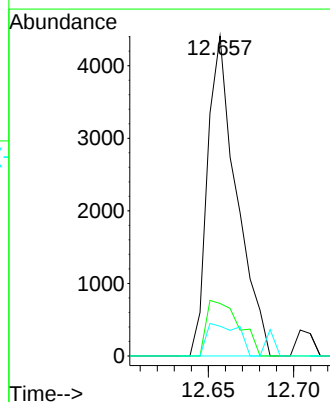
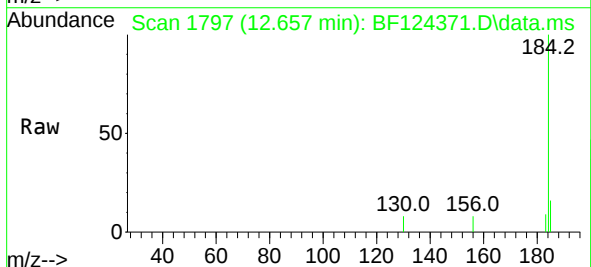
Instrument :
BNA_F
ClientSampleId :
PB137192BL

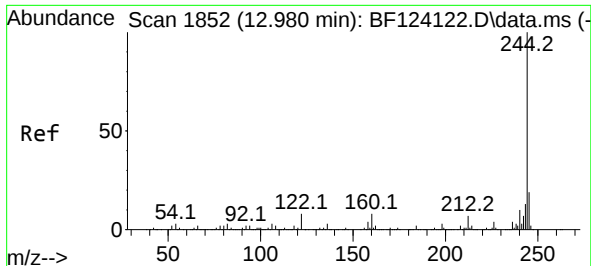
Tgt Ion:240 Resp: 100228
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.4 19.0 28.4



#77
Benzidine
Concen: 6.102 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.041 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

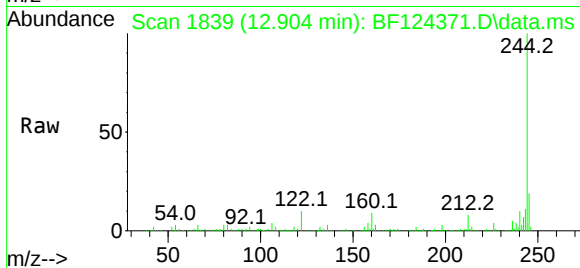
Tgt Ion:184 Resp: 5210
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 9.3 7.8 11.8



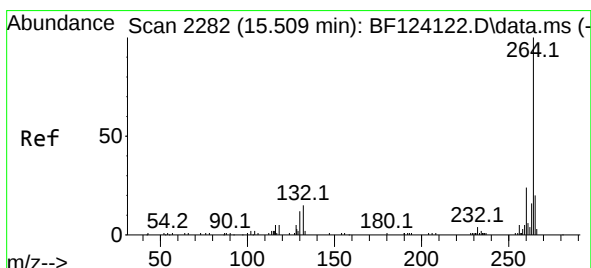
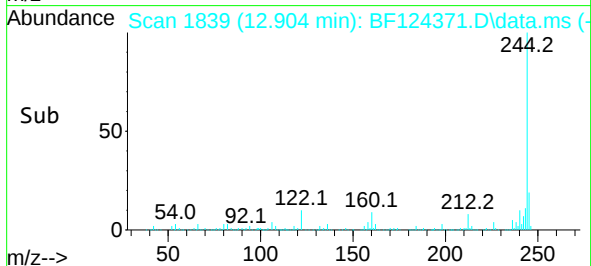
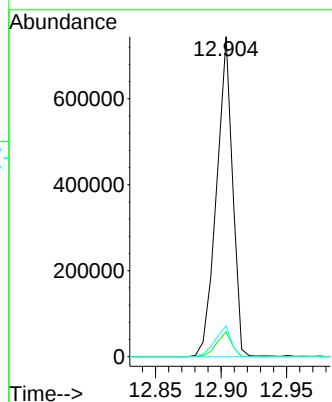


#79
Terphenyl-d14
Concen: 86.674 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01

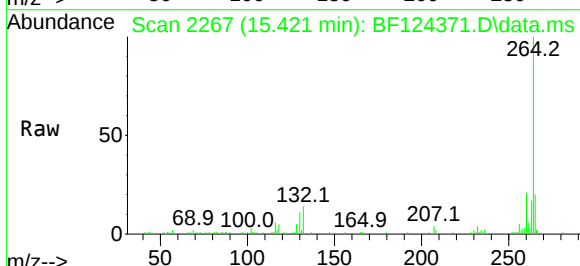
Instrument :
BNA_F
ClientSampleId :
PB137192BL



Tgt Ion:244 Resp: 632733
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.6 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124371.D
Acq: 18 Jun 2021 13:01



Tgt Ion:264 Resp: 79294
Ion Ratio Lower Upper
264 100
260 21.1 18.7 28.1
265 20.1 17.8 26.8

