

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125029.D
 Acq On : 10 Aug 2021 13:28
 Operator : JU/CG
 Sample : PB138288TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138288TB

Quant Time: Aug 10 14:06:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

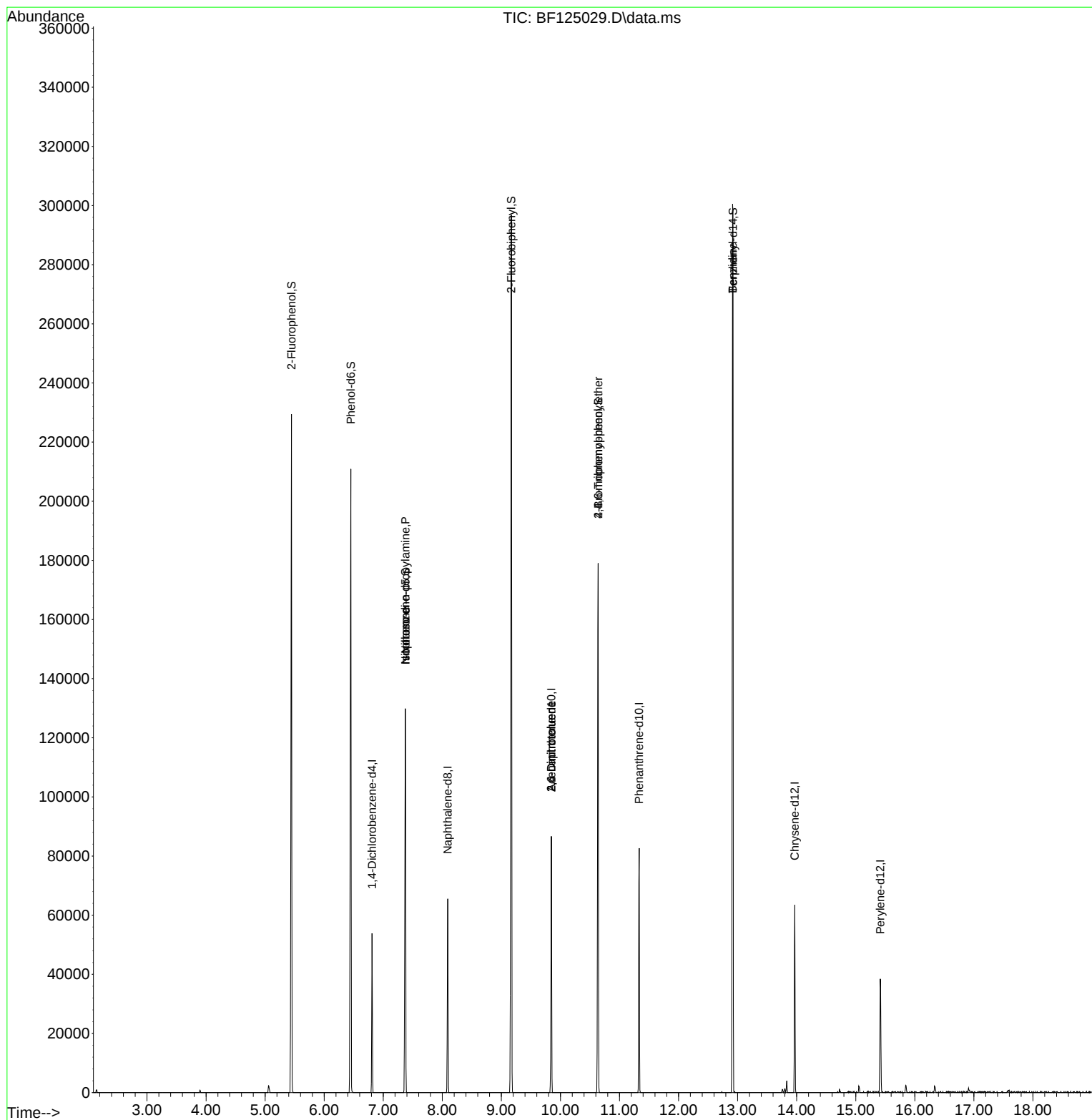
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	7428	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	29795	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	16710	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	30924	20.000	ng	0.00
76) Chrysene-d12	13.968	240	22558	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	18412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	58581	129.190	ng	0.01
7) Phenol-d6	6.451	99	71589	125.206	ng	0.00
23) Nitrobenzene-d5	7.375	82	47826	83.971	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	19087	127.854	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	95906	83.982	ng	0.00
79) Terphenyl-d14	12.921	244	113909	85.178	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	5929	17.476	ng	# 73
25) Isophorone	7.375	82	47824	49.197	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	2111	8.372	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	2111	6.166	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	1432	4.228	ng	# 1
77) Benzidine	12.916	184	1602	2.654	ng	# 69

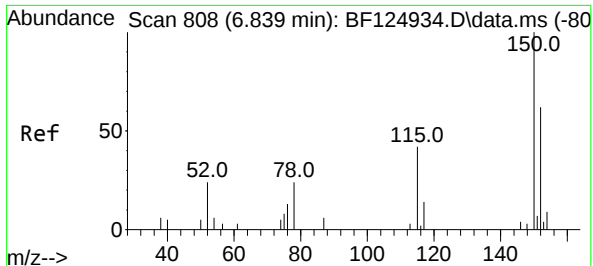
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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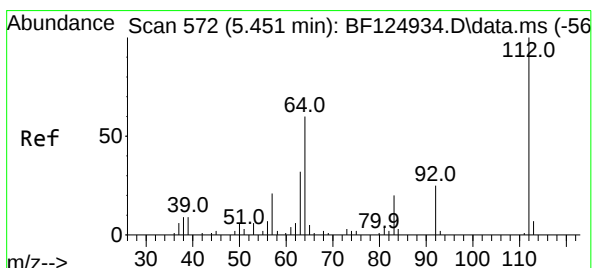
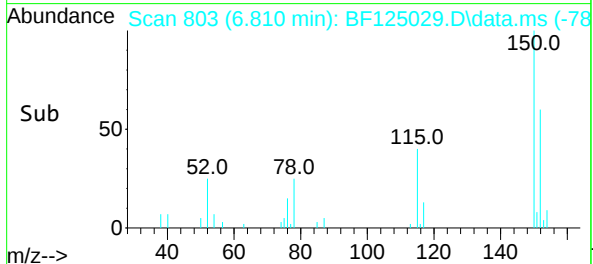
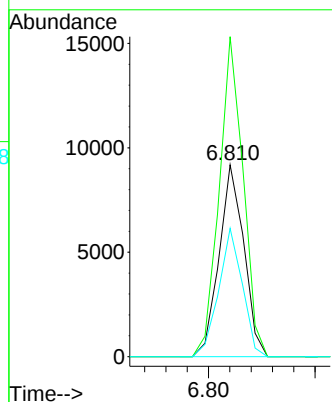
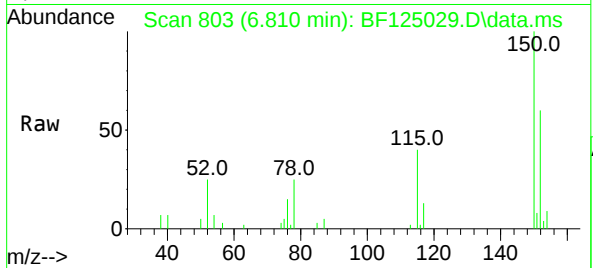




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

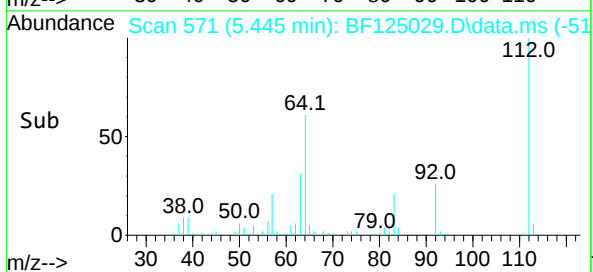
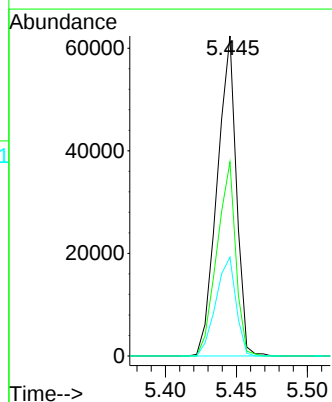
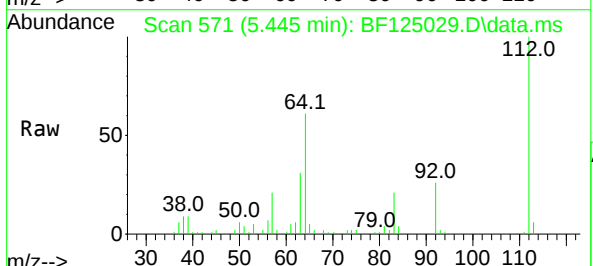
Instrument :
BNA_F
ClientSampleId :
PB138288TB

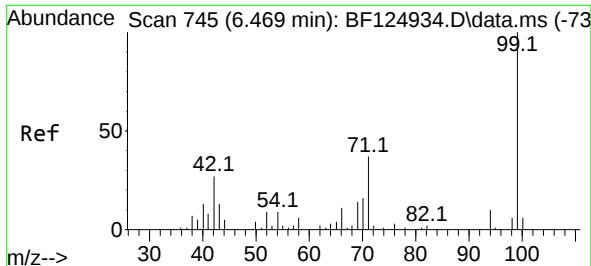
Tgt Ion:152 Resp: 7428
Ion Ratio Lower Upper
152 100
150 166.7 117.6 176.4
115 66.9 47.1 70.7



#5
2-Fluorophenol
Concen: 129.190 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion:112 Resp: 58581
Ion Ratio Lower Upper
112 100
64 60.7 44.2 66.2
63 30.9 26.2 39.2

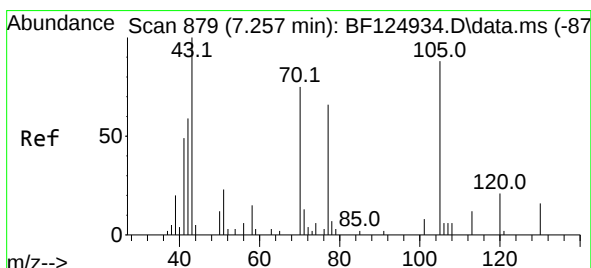
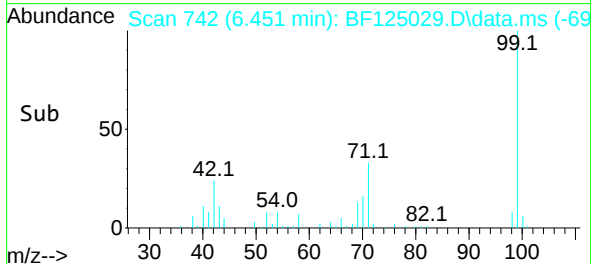
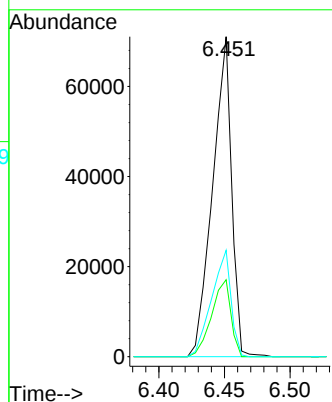
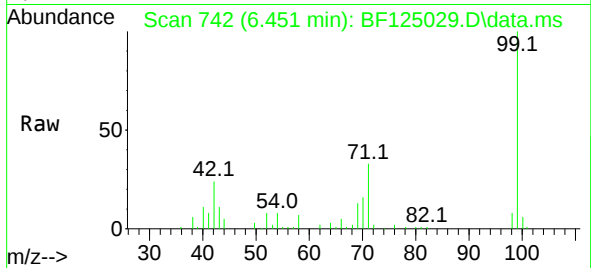




#7
Phenol-d6
Concen: 125.206 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

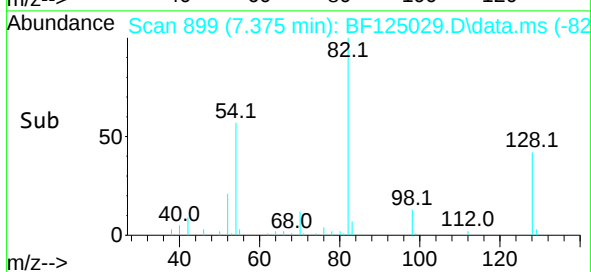
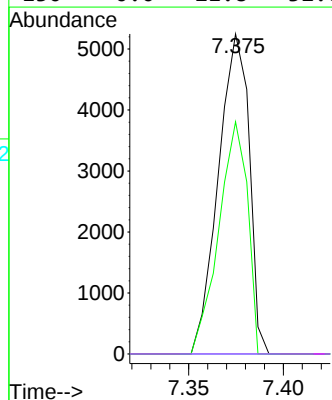
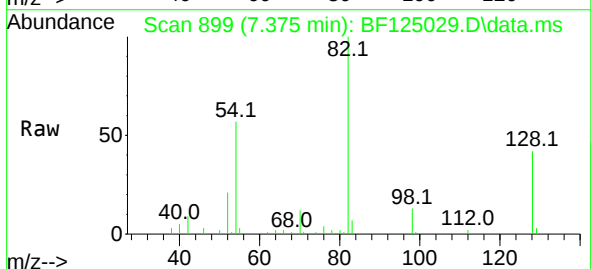
Instrument :
BNA_F
ClientSampleId :
PB138288TB

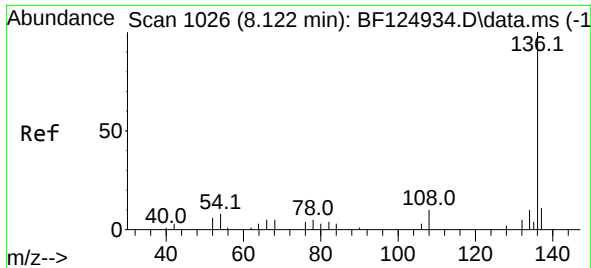
Tgt Ion:	99	Resp:	71589
Ion	Ratio	Lower	Upper
99	100		
42	24.0	23.5	35.3
71	33.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.476 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion:	70	Resp:	5929
Ion	Ratio	Lower	Upper
70	100		
42	72.6	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

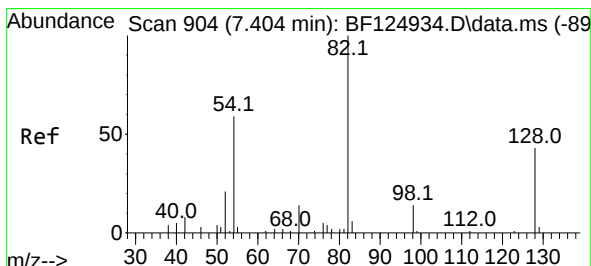
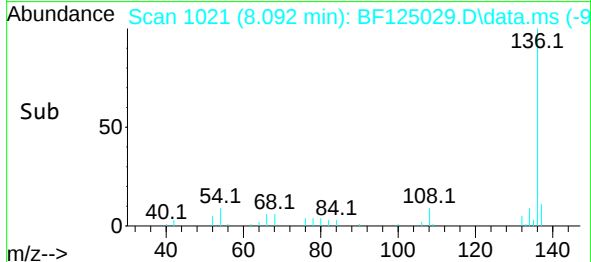
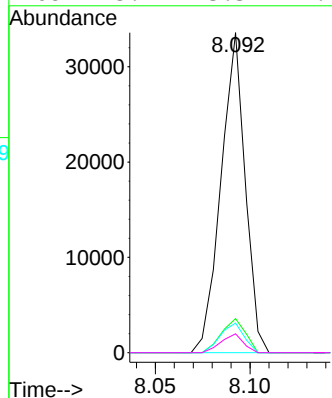
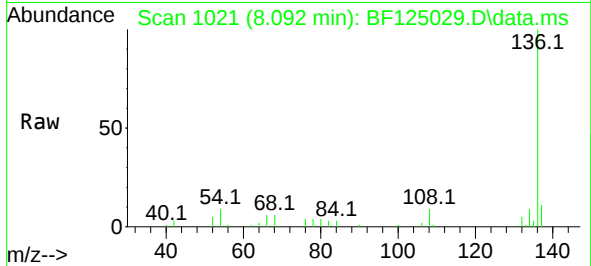




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

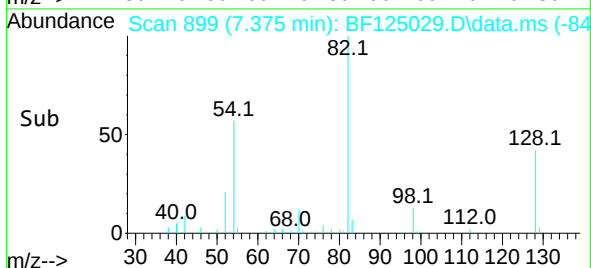
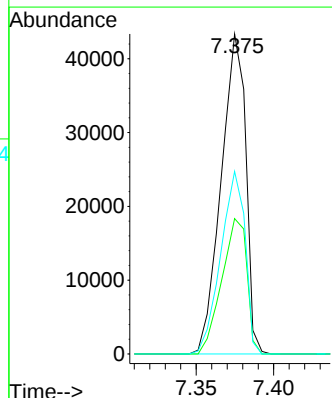
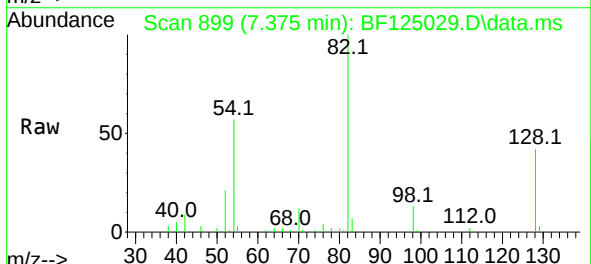
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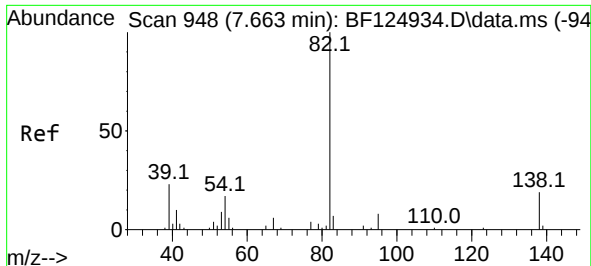
Tgt Ion:136	Resp:	29795
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.8 14.6
54	9.2	6.4 9.6
68	5.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 83.971 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion: 82	Resp:	47826
Ion Ratio	Lower	Upper
82	100	
128	42.3	40.6 60.8
54	57.0	49.6 74.4

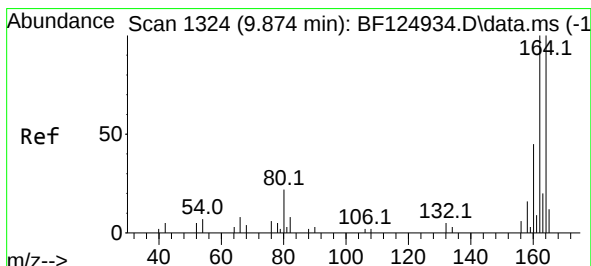
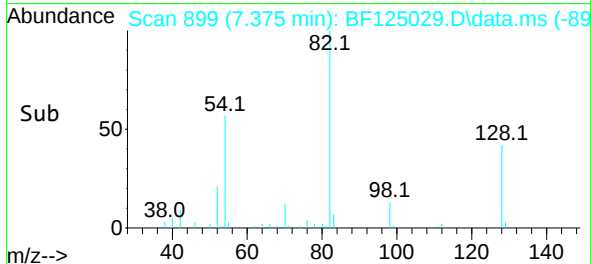
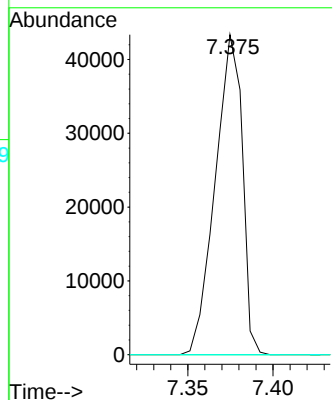
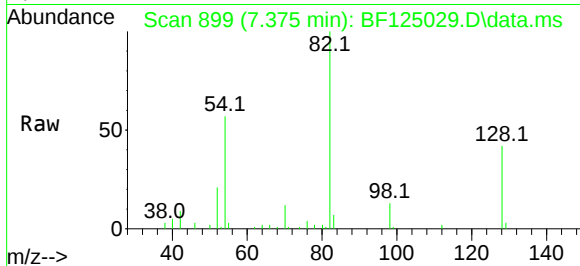




#25
Isophorone
Concen: 49.197 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

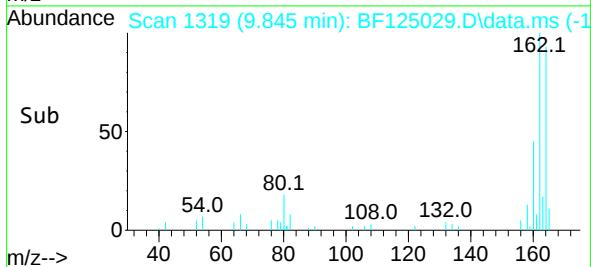
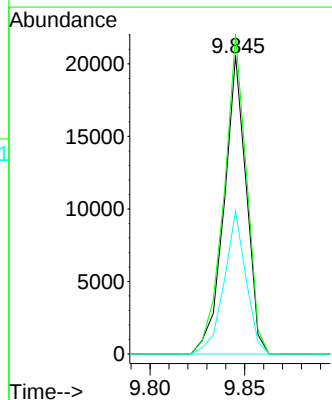
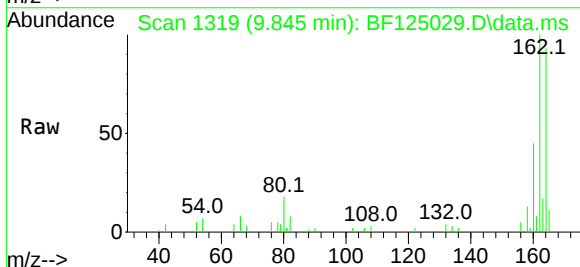
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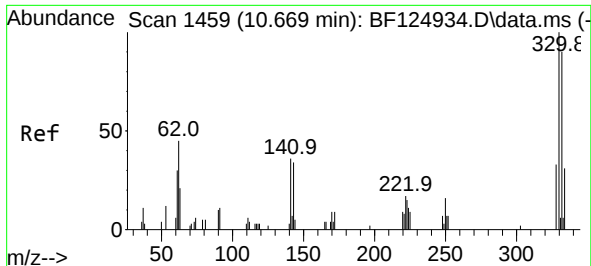
Tgt Ion: 82 Resp: 47824
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion:164 Resp: 16710
Ion Ratio Lower Upper
164 100
162 107.1 81.3 121.9
160 47.9 38.0 57.0

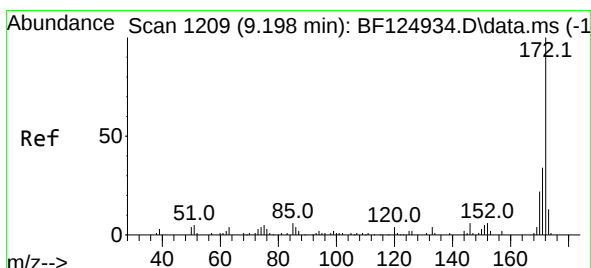
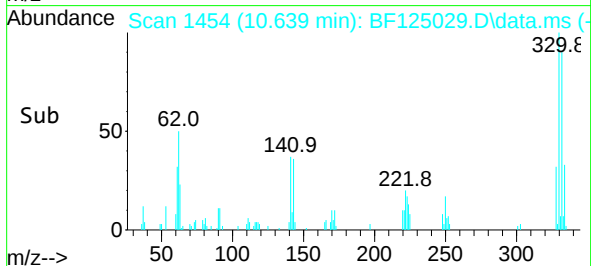
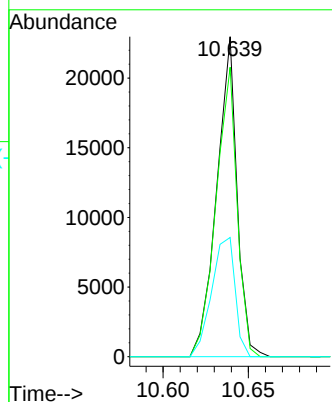
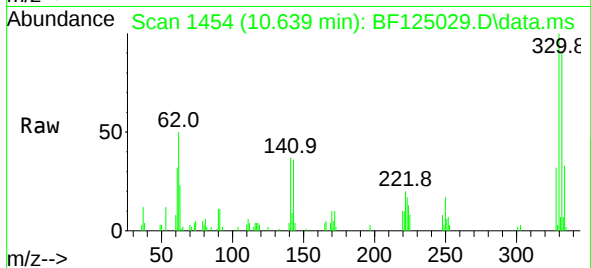




#42
2,4,6-Tribromophenol
Concen: 127.854 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

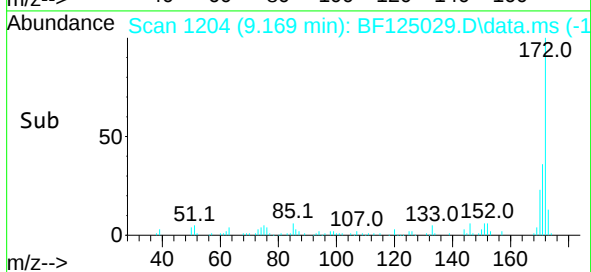
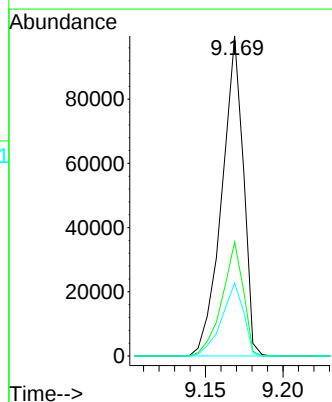
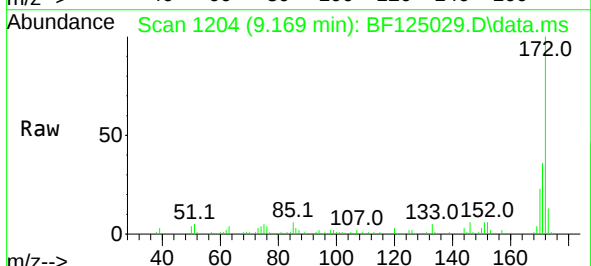
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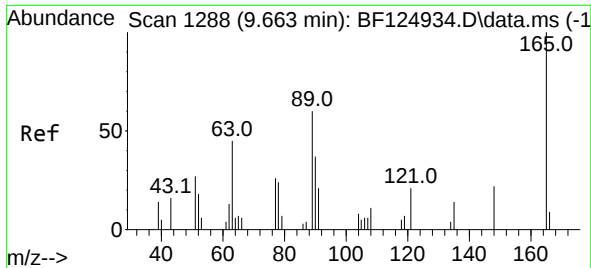
Tgt Ion: 330 Resp: 19087
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 42.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 83.982 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion: 172 Resp: 95906
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 22.7 18.8 28.2

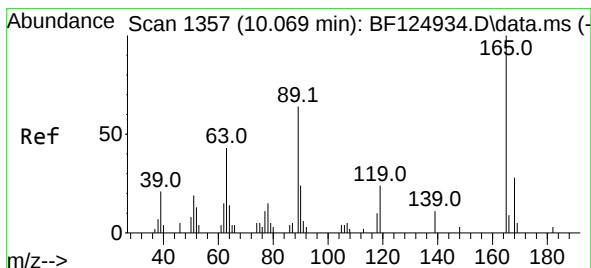
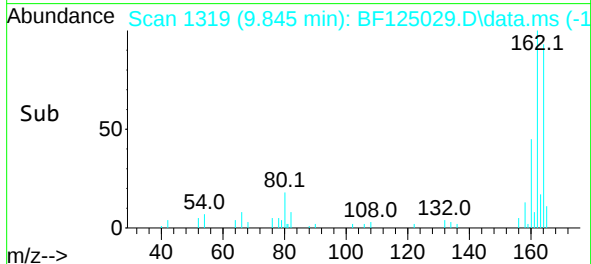
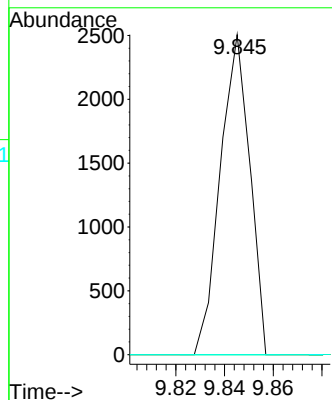
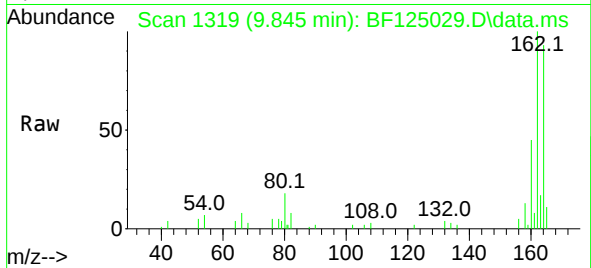




#51
2,6-Dinitrotoluene
Concen: 8.372 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

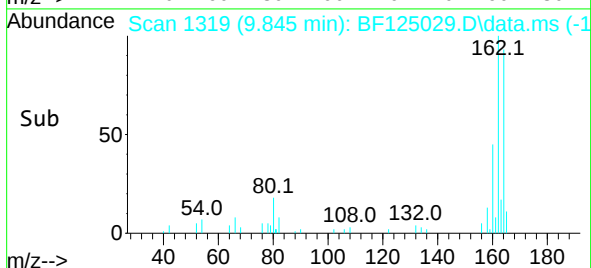
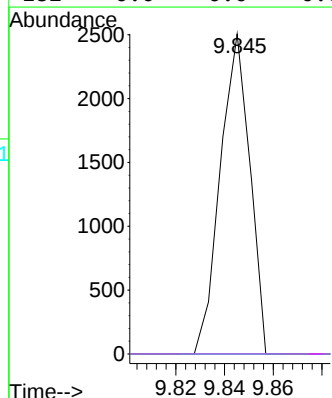
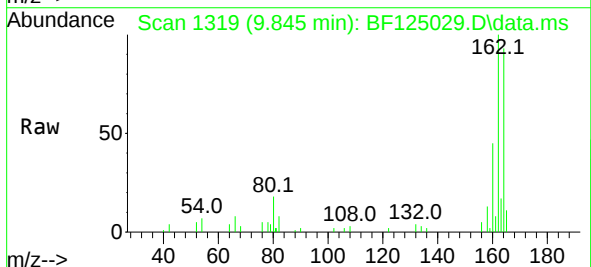
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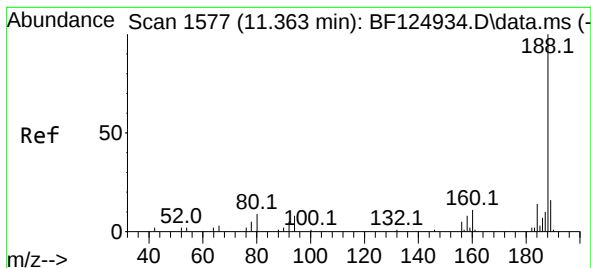
Tgt Ion:165 Resp: 2111
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.166 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion:165 Resp: 2111
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

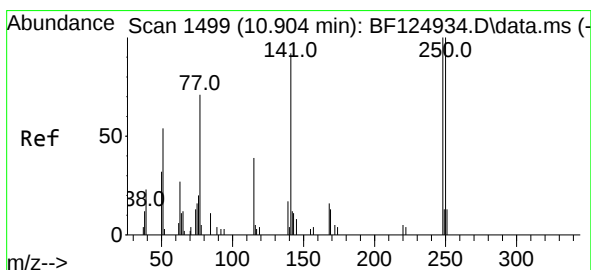
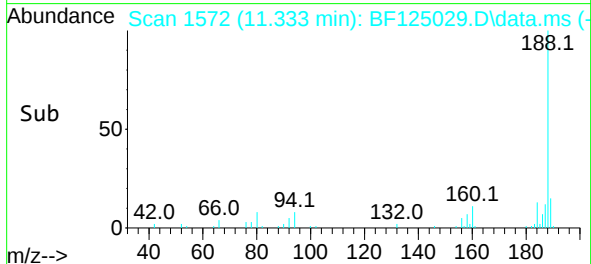
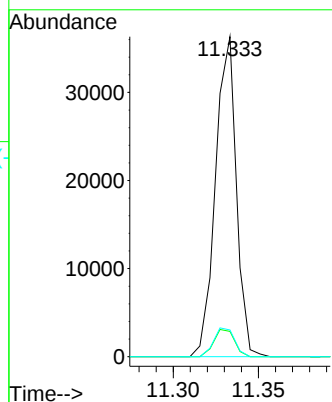
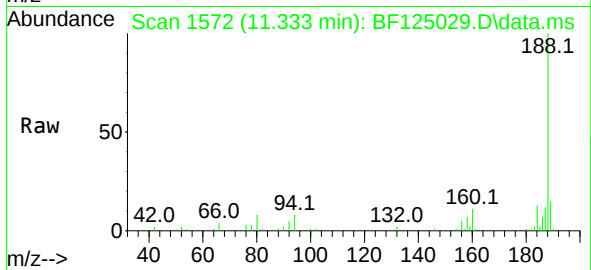




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

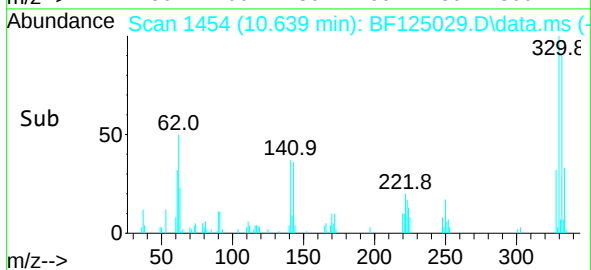
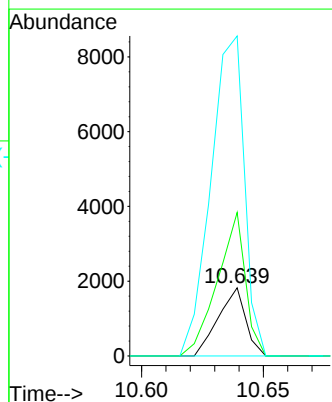
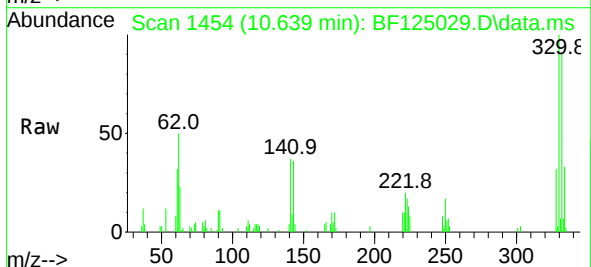
Instrument :
BNA_F
ClientSampleId :
PB138288TB

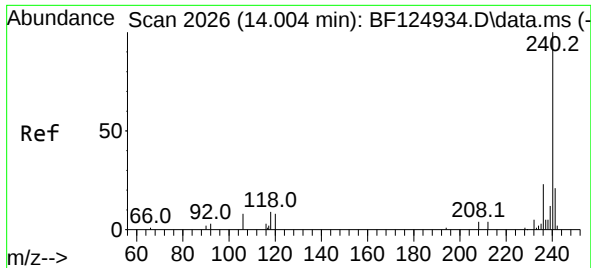
Tgt Ion:188 Resp: 30924
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.4 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.228 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion:248 Resp: 1432
Ion Ratio Lower Upper
248 100
250 210.6 74.2 111.4#
141 469.5 60.4 90.6#

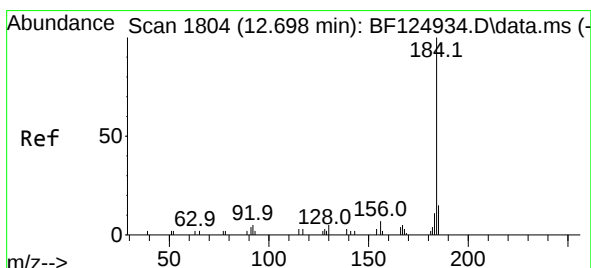
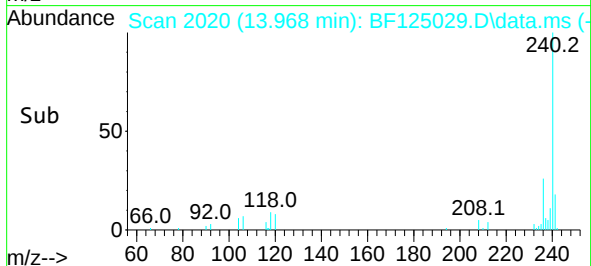
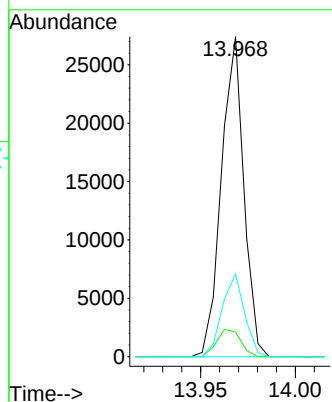
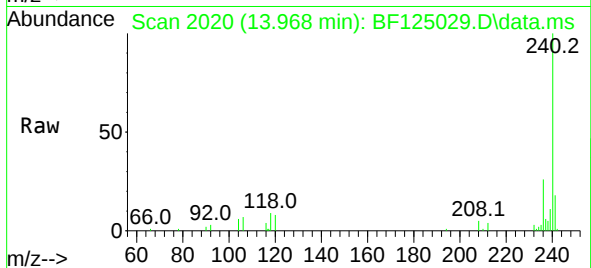




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

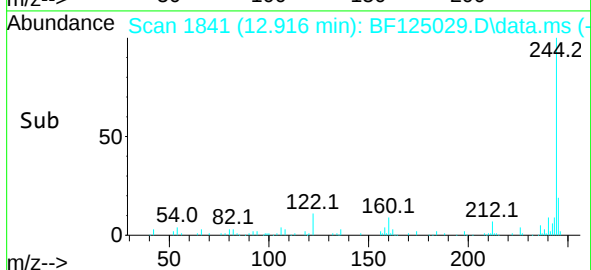
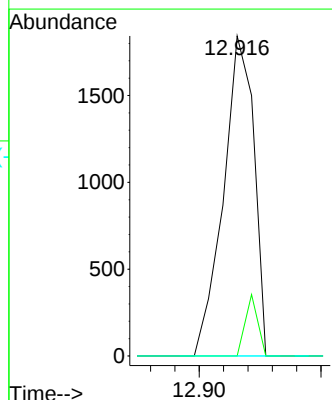
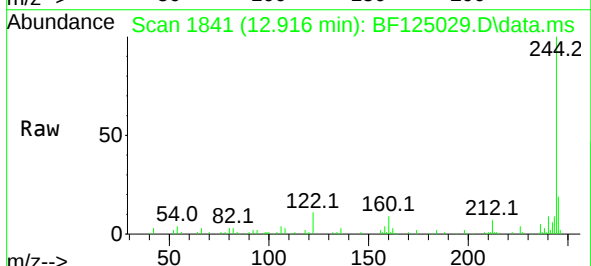
Instrument :
BNA_F
ClientSampleId :
PB138288TB

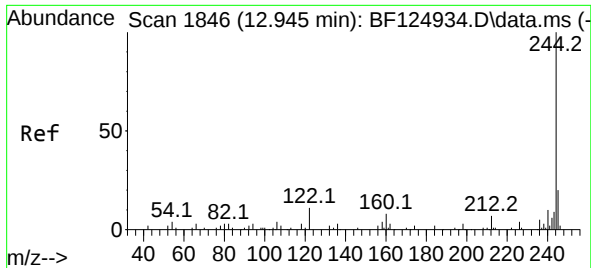
Tgt Ion:240 Resp: 22558
Ion Ratio Lower Upper
240 100
120 7.7 10.8 16.2#
236 25.9 21.6 32.4



#77
Benzidine
Concen: 2.654 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF125029.D
Acq: 10 Aug 2021 13:28

Tgt Ion:184 Resp: 1602
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

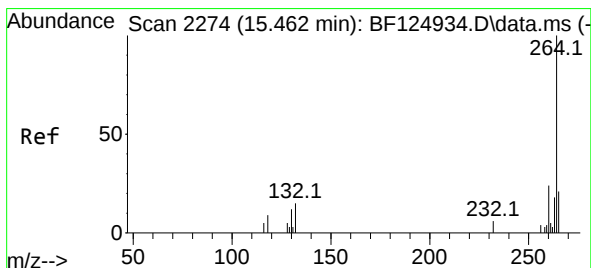
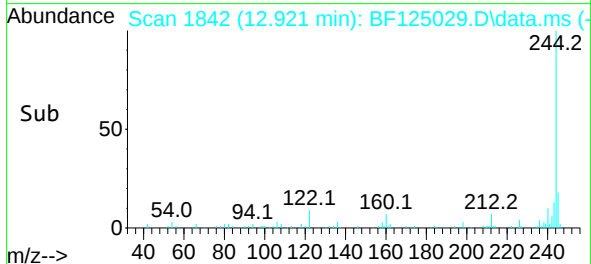
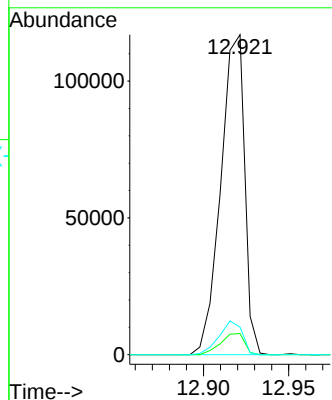
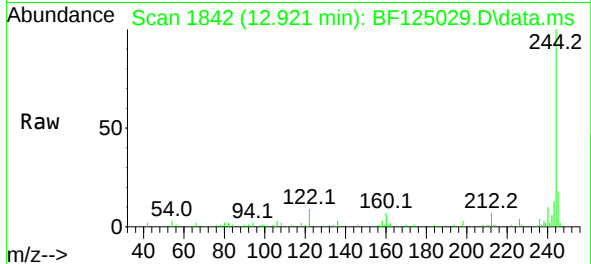




#79
 Terphenyl-d14
 Concen: 85.178 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF125029.D
 Acq: 10 Aug 2021 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB138288TB

Tgt Ion:244 Resp: 113909
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 8.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF125029.D
 Acq: 10 Aug 2021 13:28

Tgt Ion:264 Resp: 18412
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 22.9 17.2 25.8

