

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123800.D
 Acq On : 4 May 2021 2:29
 Operator : JU/CG
 Sample : M2239-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-043021

Quant Time: May 04 03:06:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

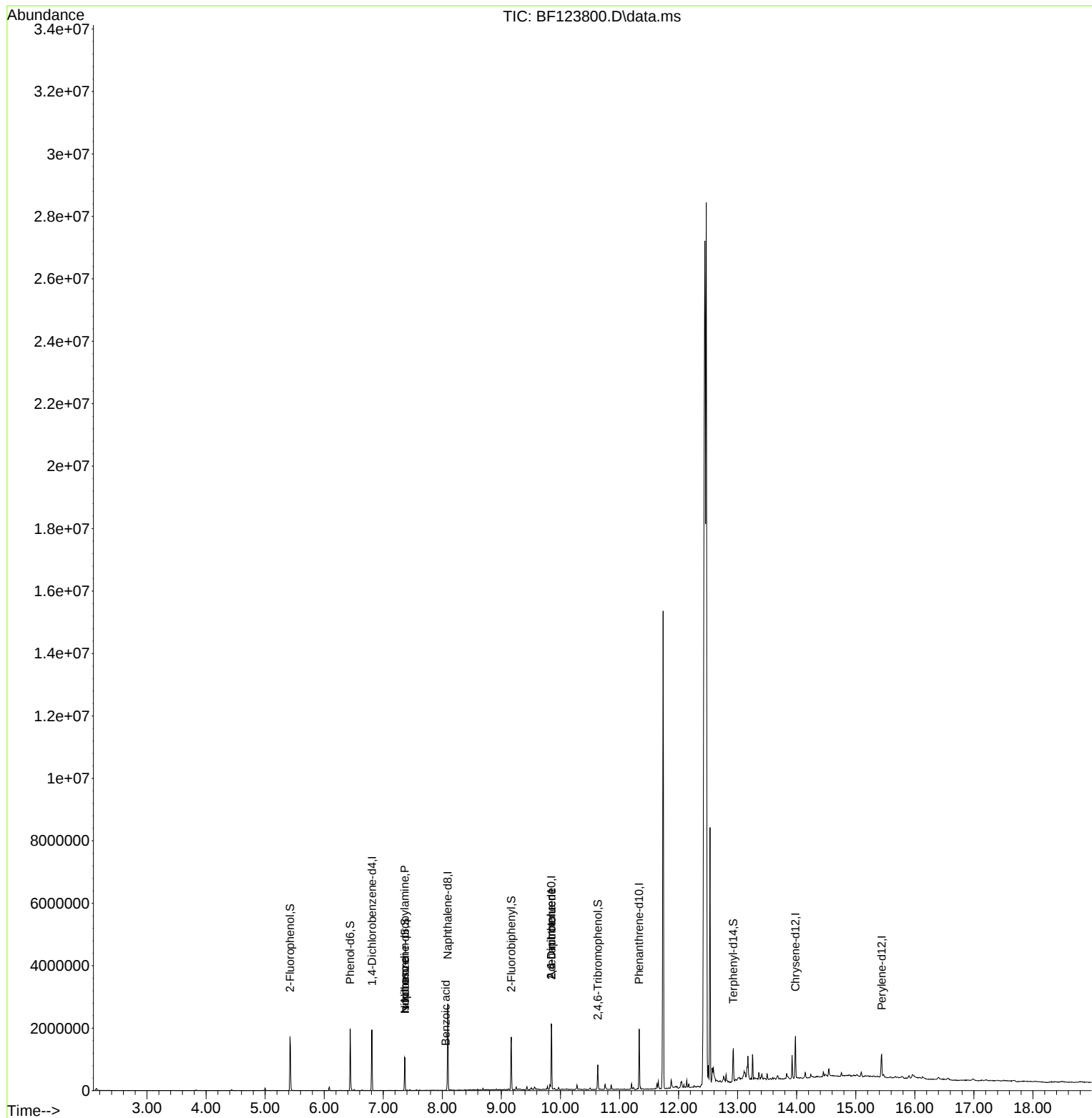
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	284133	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	988503	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	400439	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	620542	20.00	ng	0.00
76) Chrysene-d12	13.980	240	478517	20.00	ng	0.00
86) Perylene-d12	15.439	264	345981	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	383771	21.40	ng	0.00
7) Phenol-d6	6.440	99	482580	19.53	ng	0.00
23) Nitrobenzene-d5	7.369	82	316602	14.46	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	83508	16.75	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	466655	16.97	ng	0.00
79) Terphenyl-d14	12.927	244	340137	13.69	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	41613	2.73	ng	# 75
25) Isophorone	7.369	82	316596	7.71	ng	# 69
32) Benzoic acid	8.057	122	123	5.40	ng	# 5
51) 2,6-Dinitrotoluene	9.845	165	51603	7.91	ng	# 12
57) 2,4-Dinitrotoluene	9.845	165	51603	5.80	ng	# 18

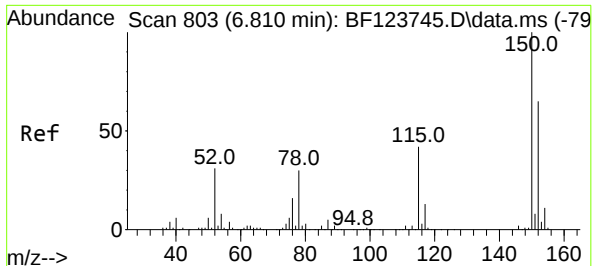
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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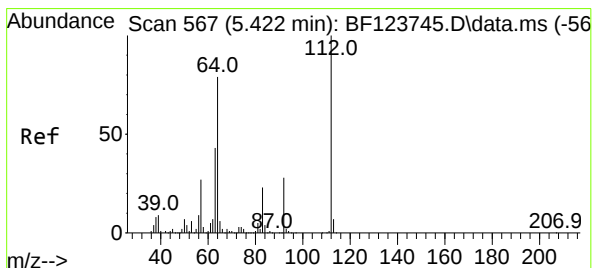
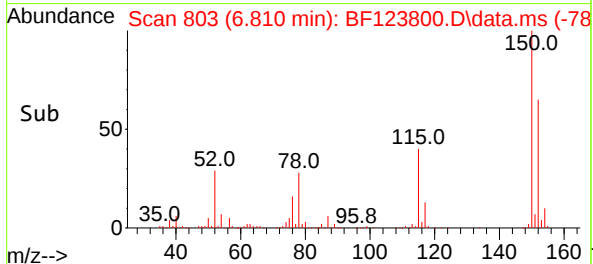
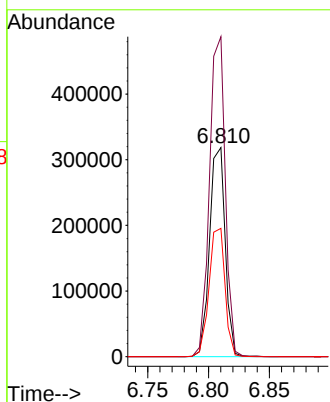
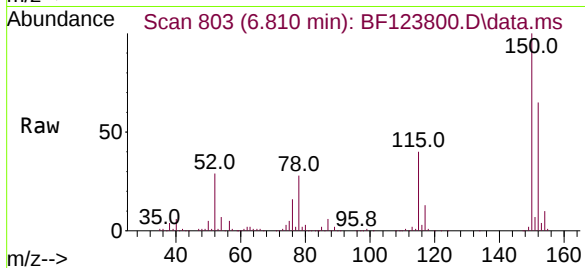




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.810 min Scan# 803
 Delta R.T. 0.000 min
 Lab File: BF123800.D
 Acq: 4 May 2021 2:29

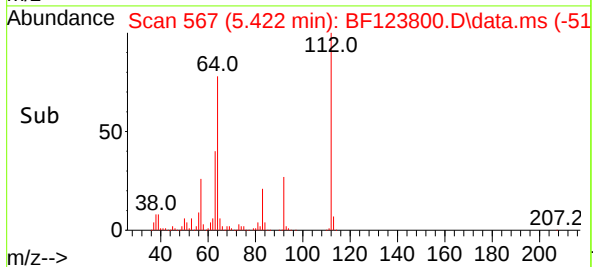
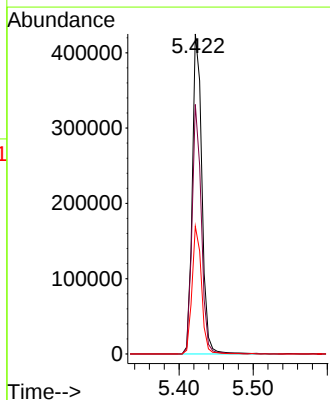
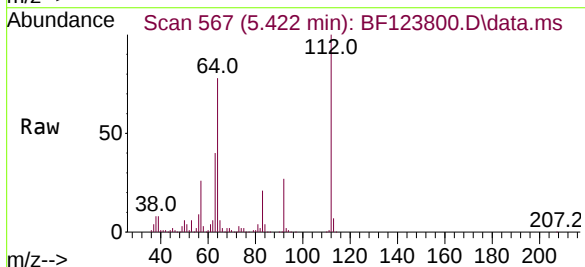
Instrument :
 BNA_F
 ClientSampleId :
 TR-08-043021

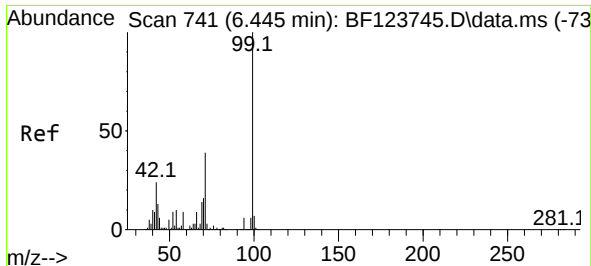
Tgt Ion:152 Resp: 284133
 Ion Ratio Lower Upper
 152 100
 150 153.1 127.0 190.6
 115 61.4 54.3 81.5



#5
 2-Fluorophenol
 Concen: 21.40 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.000 min
 Lab File: BF123800.D
 Acq: 4 May 2021 2:29

Tgt Ion:112 Resp: 383771
 Ion Ratio Lower Upper
 112 100
 64 78.0 61.4 92.0
 63 39.9 33.0 49.4

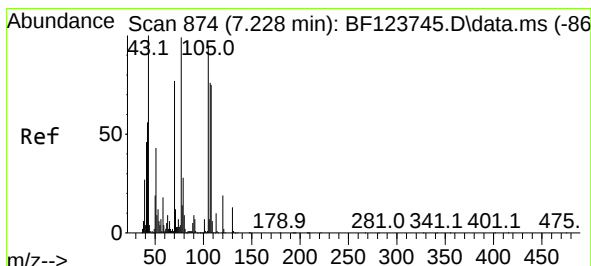
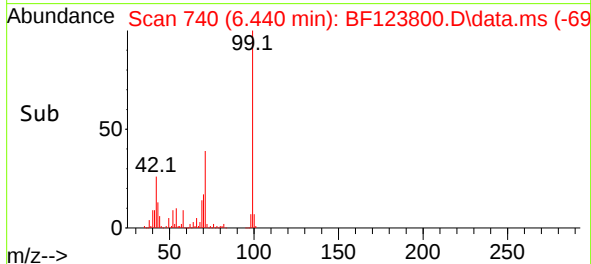
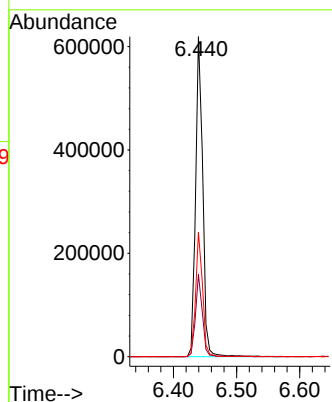
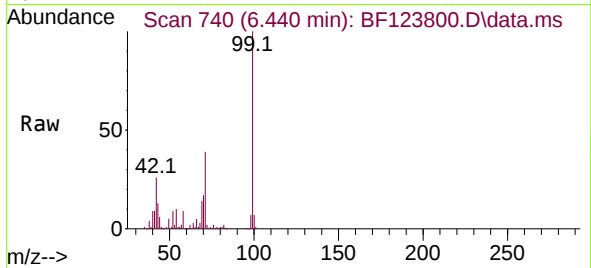




#7
Phenol-d6
Concen: 19.53 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

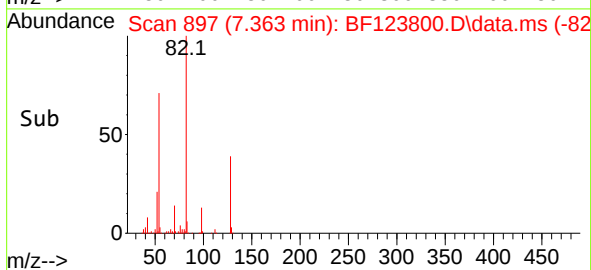
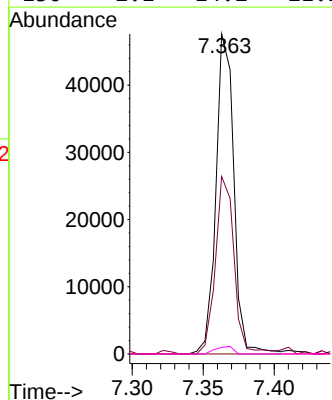
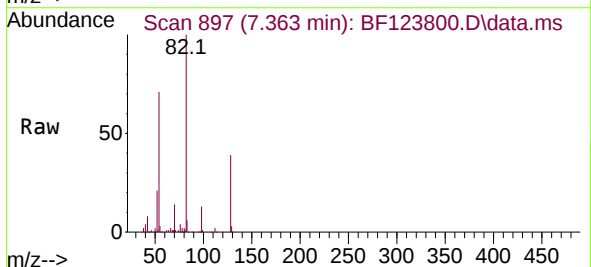
Instrument :
BNA_F
ClientSampleId :
TR-08-043021

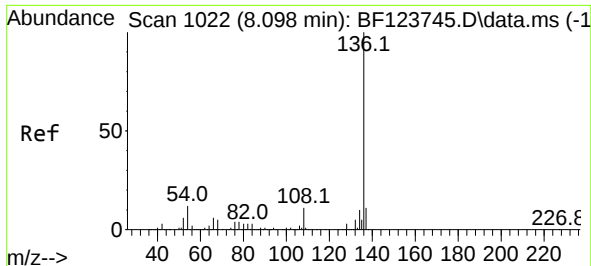
Tgt Ion: 99 Resp: 482580
Ion Ratio Lower Upper
99 100
42 25.7 19.8 29.8
71 39.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.73 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion: 70 Resp: 41613
Ion Ratio Lower Upper
70 100
42 55.5 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



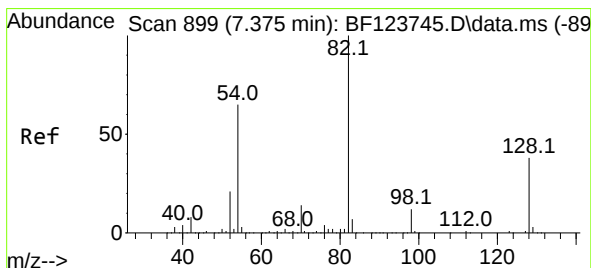
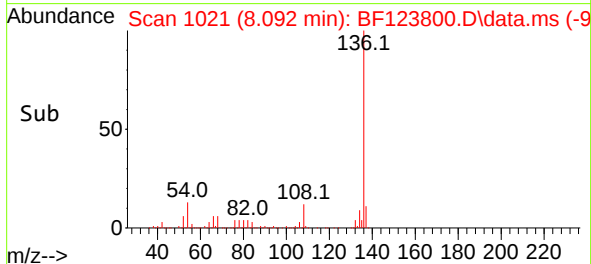
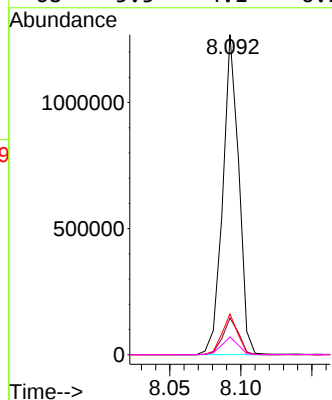
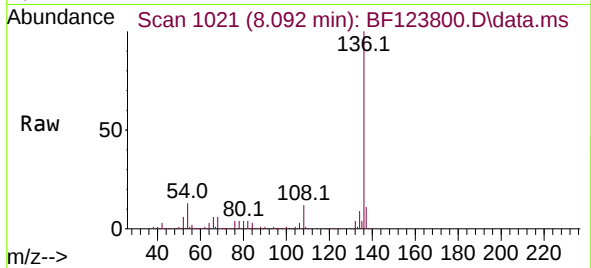


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Instrument :
BNA_F
ClientSampleId :
TR-08-043021

Tgt Ion:136 Resp: 988503

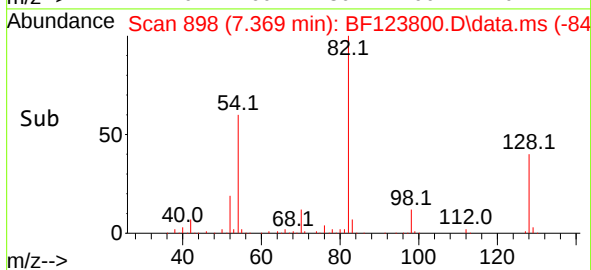
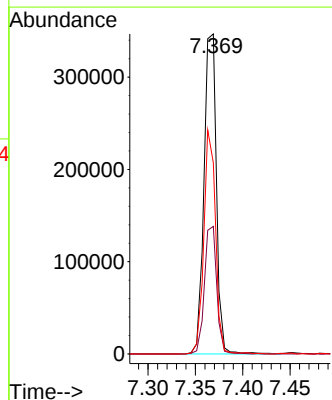
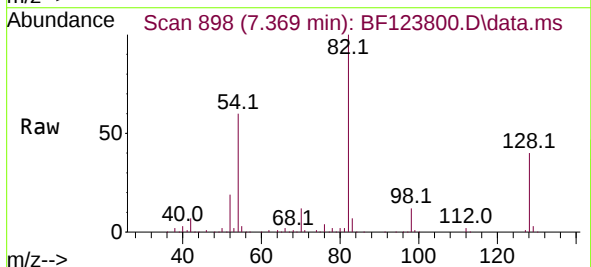
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	12.8	9.8	14.6
68	5.5	4.1	6.1

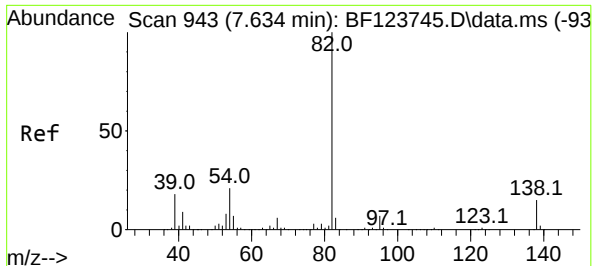


#23
Nitrobenzene-d5
Concen: 14.46 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion: 82 Resp: 316602

Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.4	44.2
54	59.8	54.1	81.1

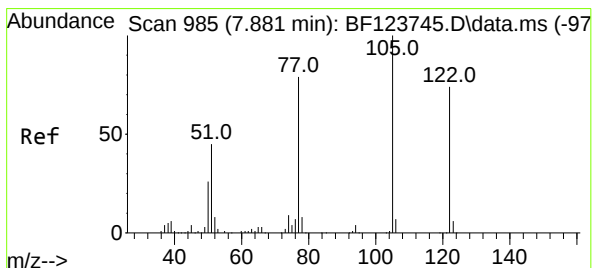
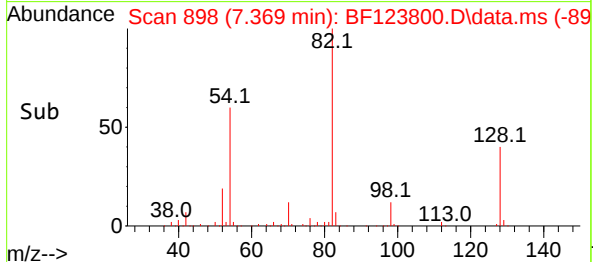
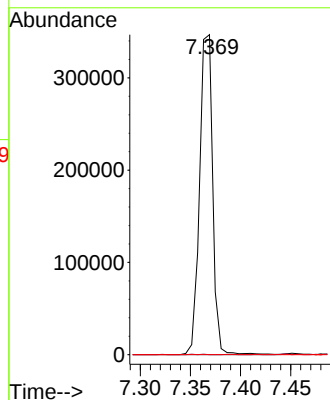
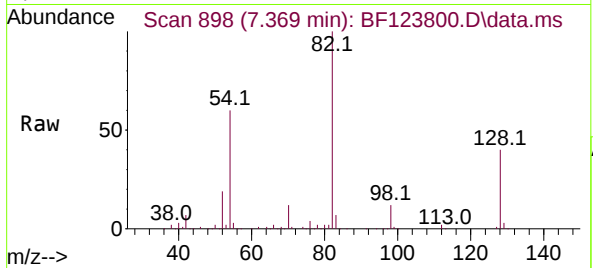




#25
Isophorone
Concen: 7.71 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

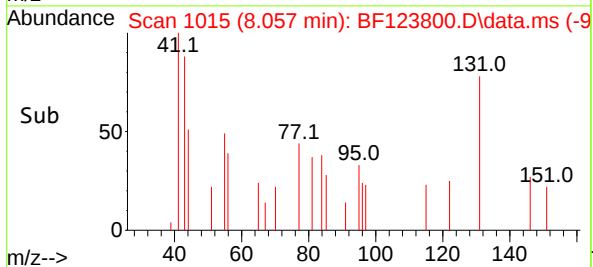
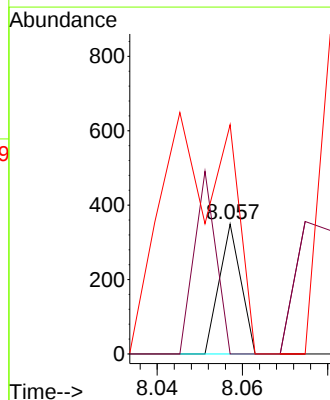
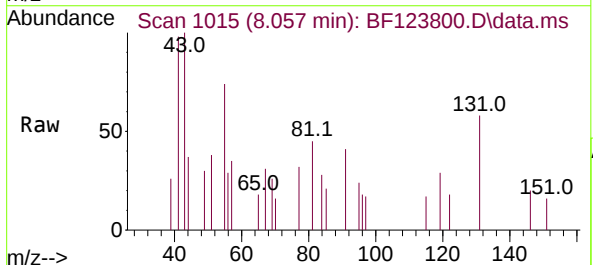
Instrument :
BNA_F
ClientSampled :
TR-08-043021

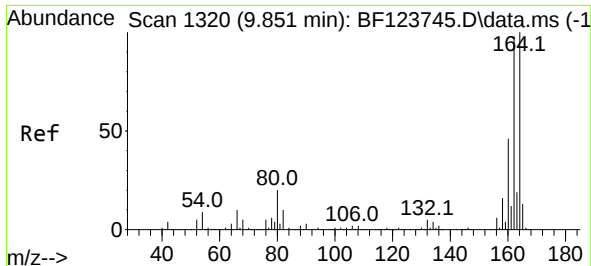
Tgt Ion: 82 Resp: 316596
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 5.40 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.176 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion:122 Resp: 123
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 176.5 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF123800.D

Acq: 4 May 2021 2:29

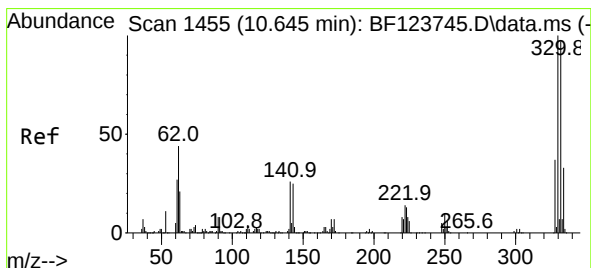
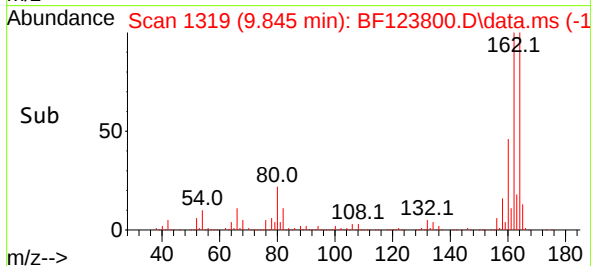
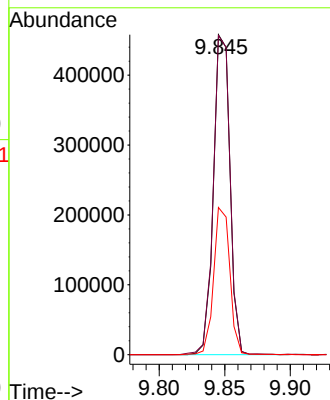
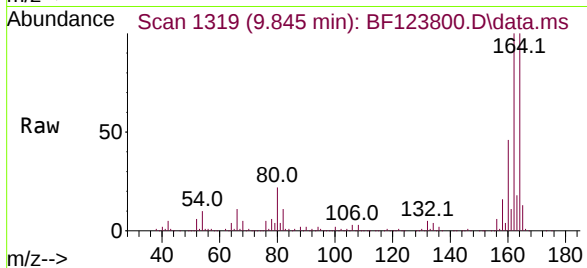
Tgt Ion:164 Resp: 400439

Ion Ratio Lower Upper

164 100

162 99.7 80.7 121.1

160 46.0 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 16.75 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF123800.D

Acq: 4 May 2021 2:29

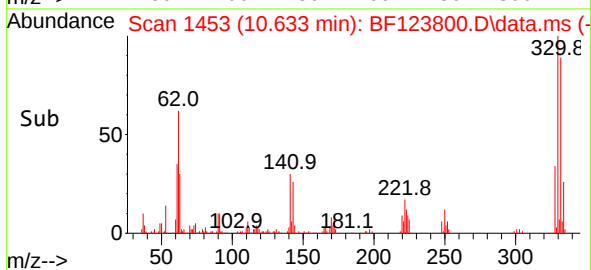
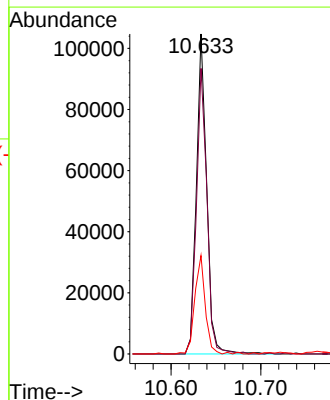
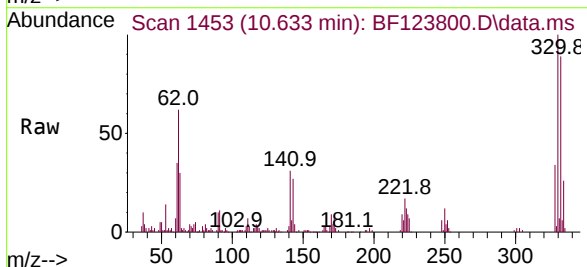
Tgt Ion:330 Resp: 83508

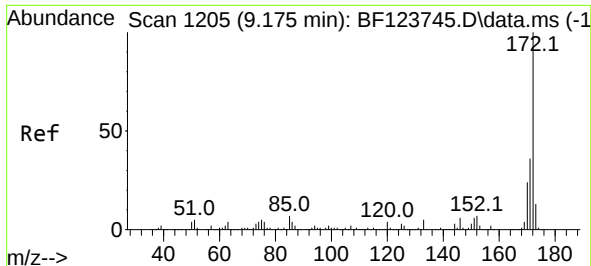
Ion Ratio Lower Upper

330 100

332 90.6 77.1 115.7

141 31.6 27.9 41.9

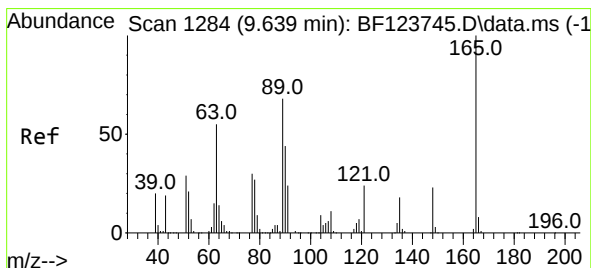
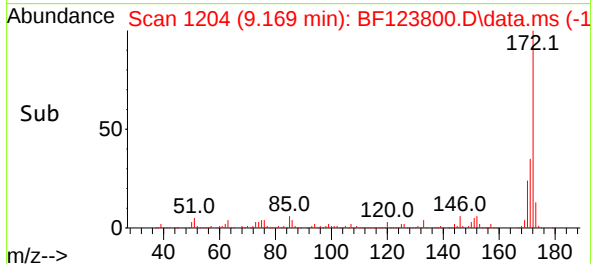
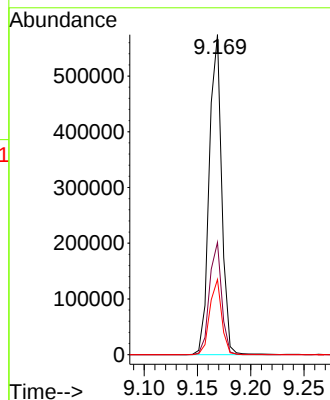
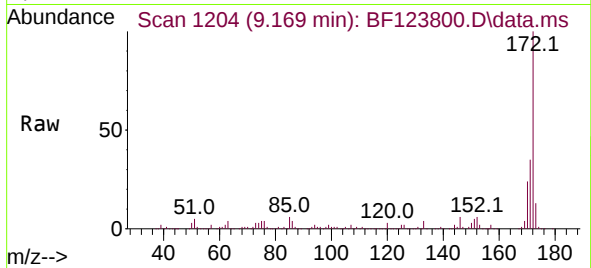




#45
2-Fluorobiphenyl
Concen: 16.97 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

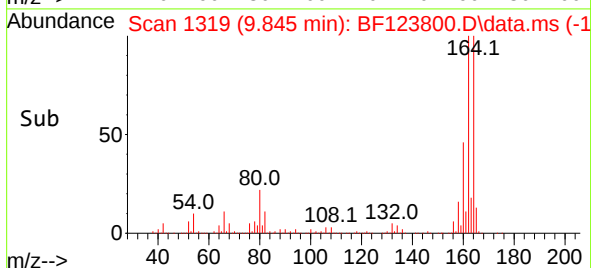
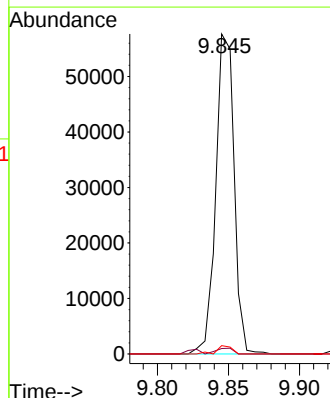
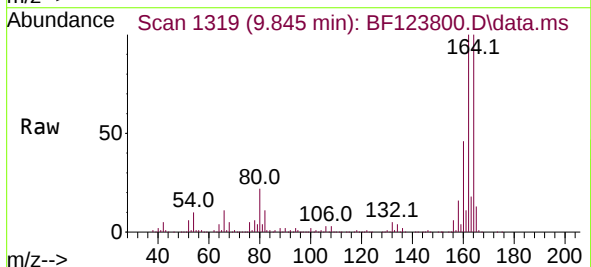
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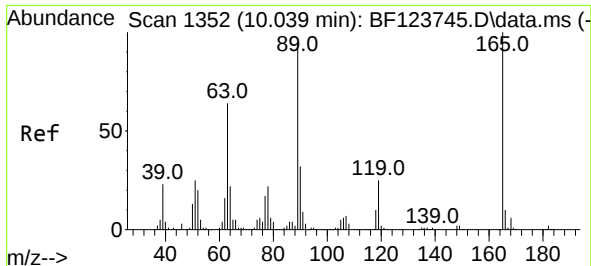
Tgt Ion:172 Resp: 466655
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.91 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

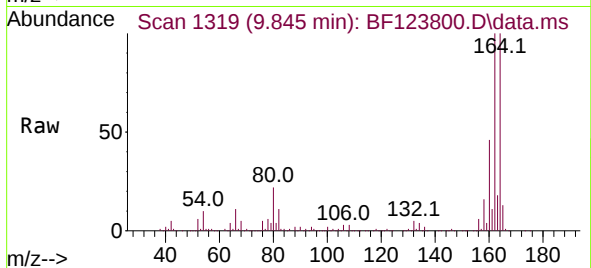
Tgt Ion:165 Resp: 51603
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 2.6 58.8 88.2#



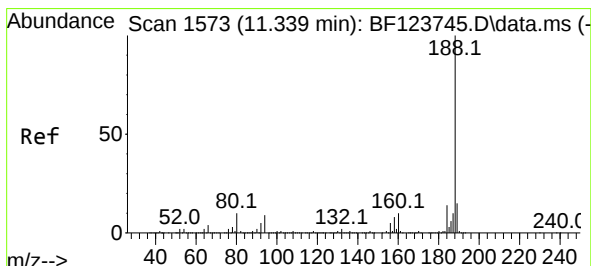
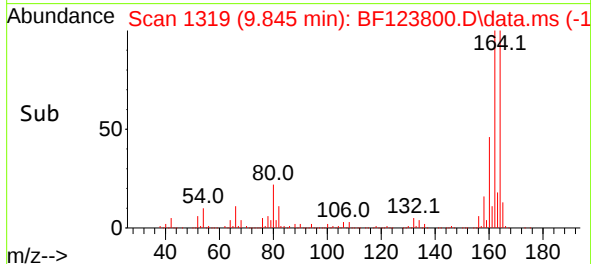
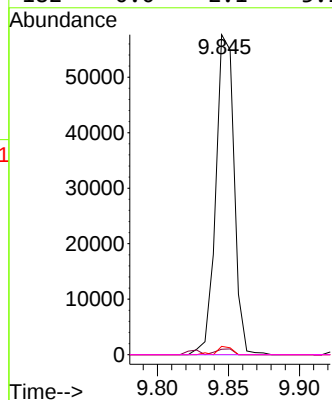


#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Instrument :
BNA_F
ClientSampleId :
TR-08-043021

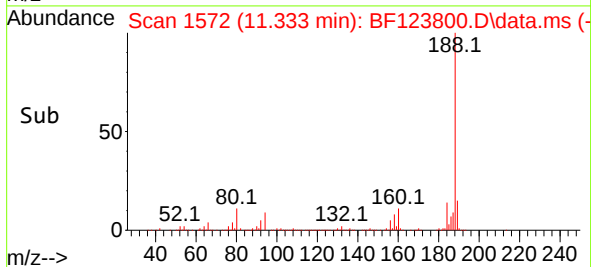
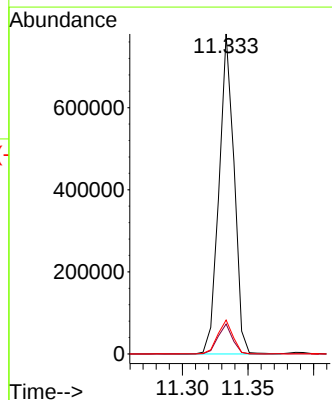
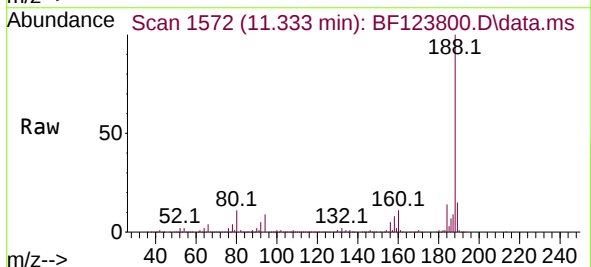


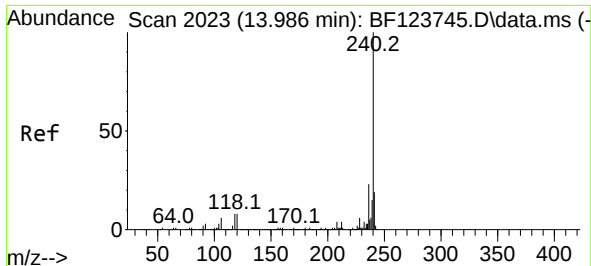
Tgt Ion:165 Resp: 51603
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 2.6 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

Tgt Ion:188 Resp: 620542
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.6 8.2 12.2

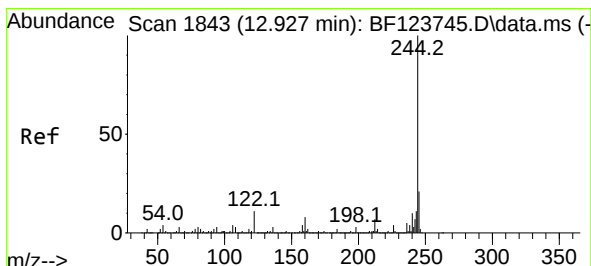
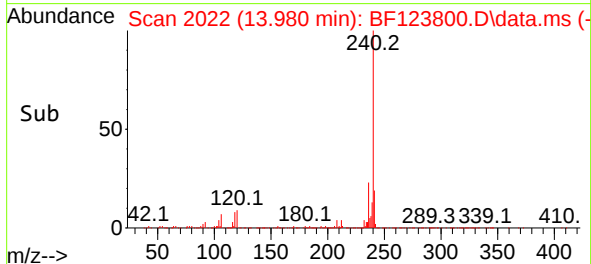
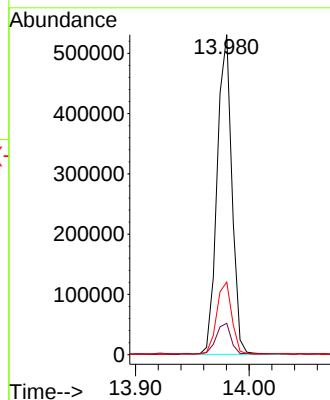
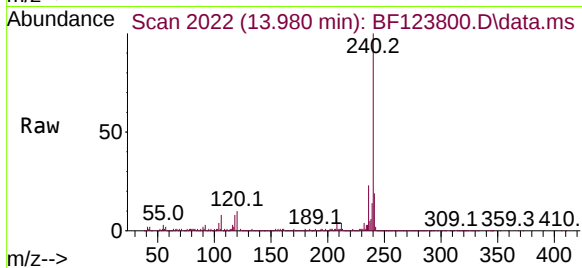




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

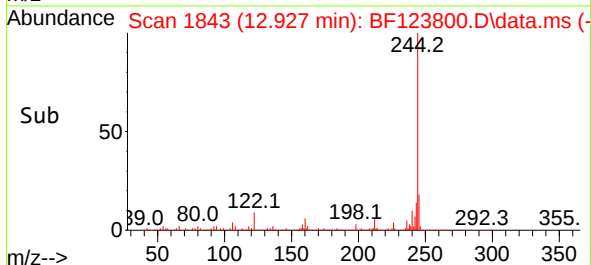
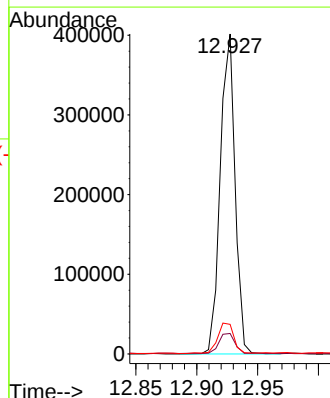
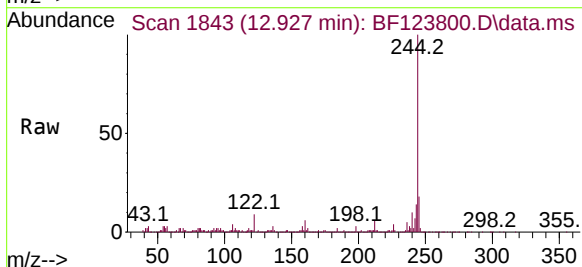
Instrument :
BNA_F
ClientSampleId :
TR-08-043021

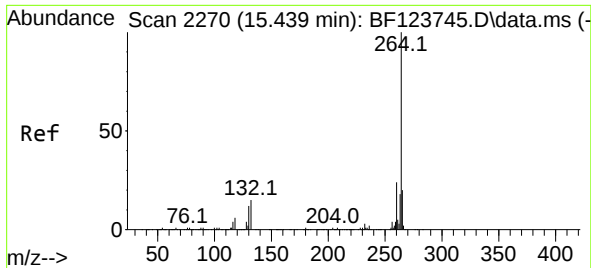
Tgt Ion:240 Resp: 478517
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 22.7 19.0 28.4



#79
Terphenyl-d14
Concen: 13.69 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF123800.D
Acq: 4 May 2021 2:29

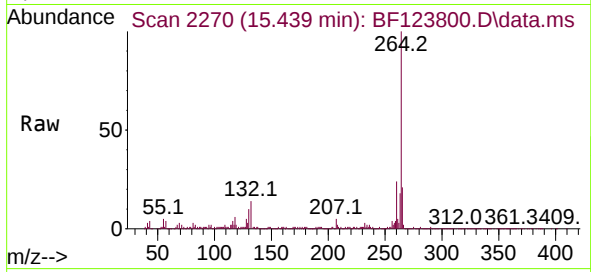
Tgt Ion:244 Resp: 340137
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 9.3 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF123800.D
 Acq: 4 May 2021 2:29

Instrument :
 BNA_F
 ClientSampleId :
 TR-08-043021



Tgt Ion:264 Resp: 345981
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 20.9 17.8 26.8

