

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129963.D
 Acq On : 23 Aug 2022 20:52
 Operator : CG\JU
 Sample : N4272-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124035

Quant Time: Aug 24 02:00:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

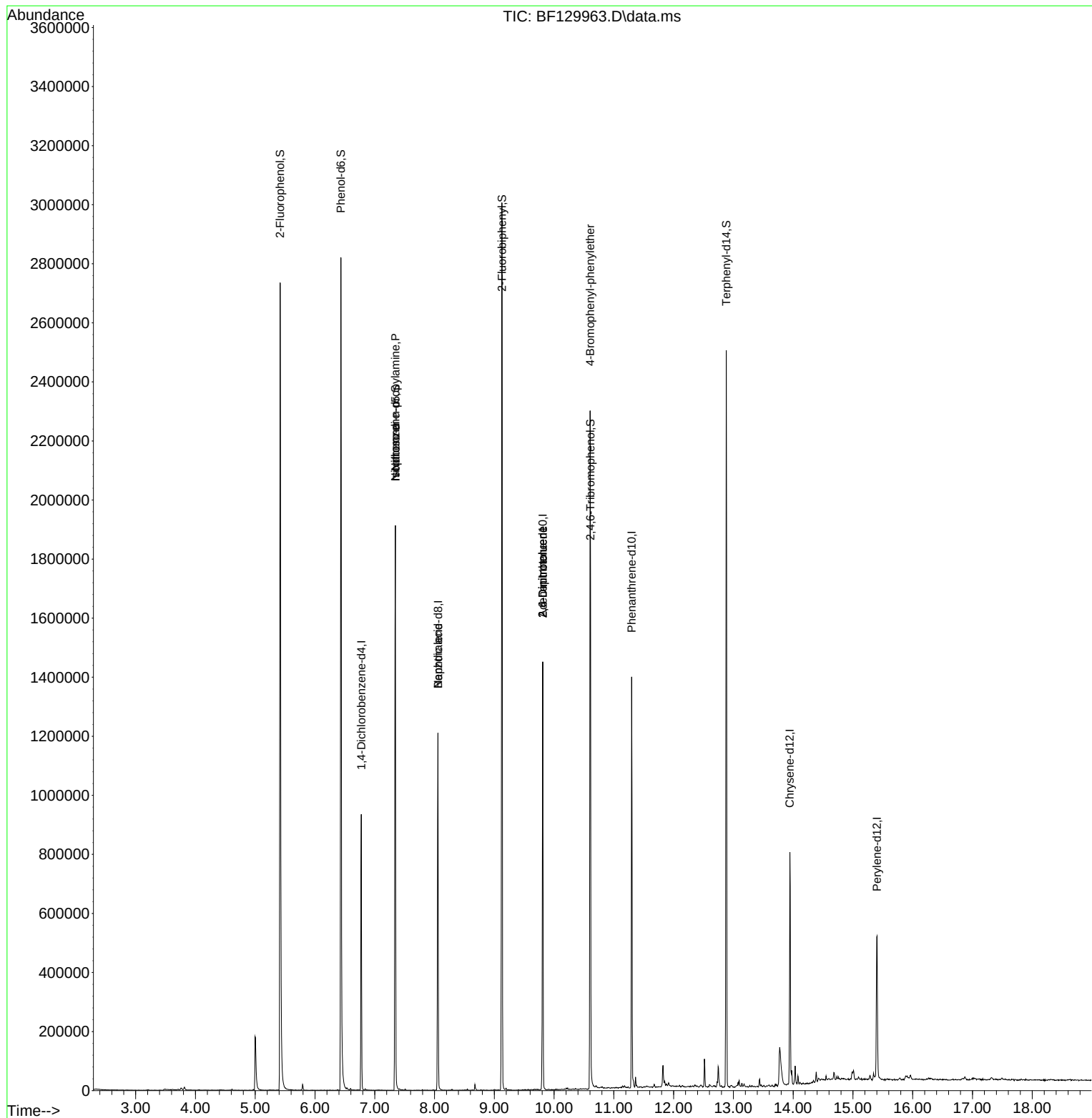
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	131526	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	532019	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	278768	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	452849	20.000	ng	0.00
76) Chrysene-d12	13.945	240	250216	20.000	ng	0.00
86) Perylene-d12	15.404	264	221505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	766102	96.440	ng	0.00
7) Phenol-d6	6.434	99	954014	95.901	ng	0.00
23) Nitrobenzene-d5	7.345	82	617755	62.159	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	248370	88.772	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	908130	49.477	ng	0.00
79) Terphenyl-d14	12.880	244	774085	51.477	ng	0.00
Target Compounds						
9) Benzaldehyde	6.434	77	1622	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.345	70	82579	13.133	ng	# 78
25) Isophorone	7.345	82	617749	36.114	ng	# 65
32) Benzoic acid	8.057	122	100	2.190	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	35467	8.182	ng	# 23
57) 2,4-Dinitrotoluene	9.810	165	35467	6.303	ng	# 18
67) 4-Bromophenyl-phenylether	10.604	248	16052	3.026	ng	# 1
77) Benzidine	12.880	184	11262	Below Cal	Qvalue	# 92

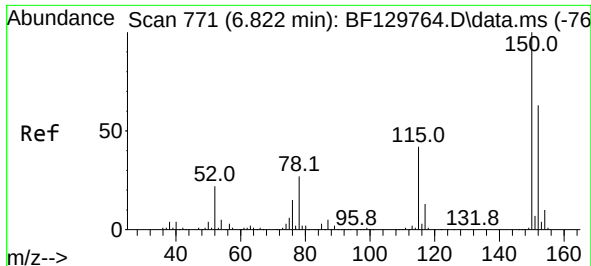
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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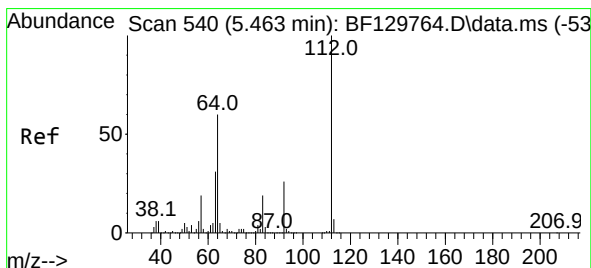
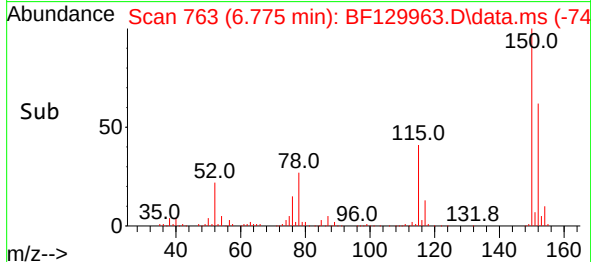
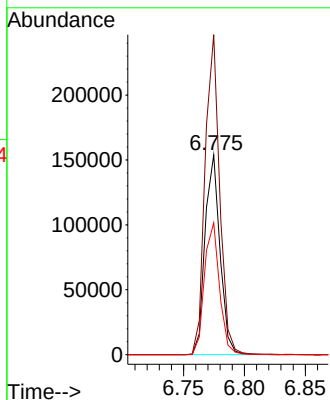
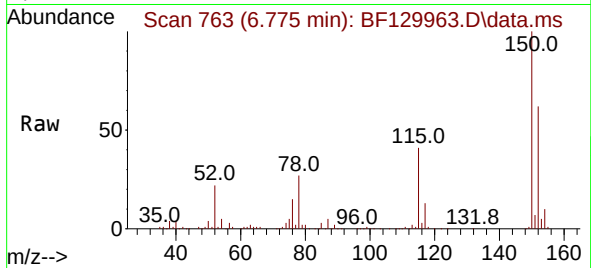




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.775 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129963.D
 Acq: 23 Aug 2022 20:52

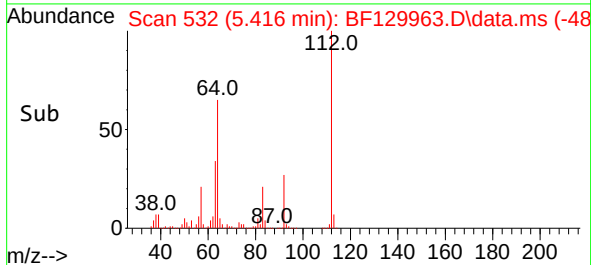
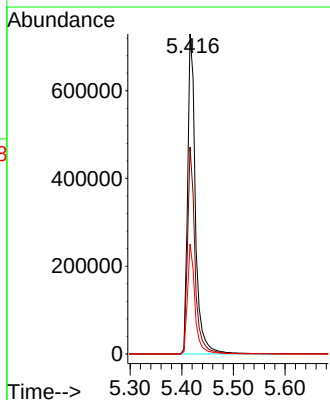
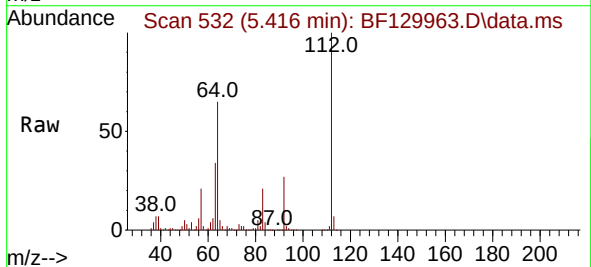
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124035

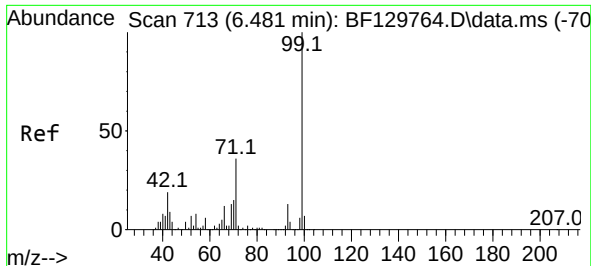
Tgt Ion:152 Resp: 131526
 Ion Ratio Lower Upper
 152 100
 150 160.2 126.9 190.3
 115 66.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 96.440 ng
 RT: 5.416 min Scan# 532
 Delta R.T. 0.006 min
 Lab File: BF129963.D
 Acq: 23 Aug 2022 20:52

Tgt Ion:112 Resp: 766102
 Ion Ratio Lower Upper
 112 100
 64 64.7 47.6 71.4
 63 34.4 24.6 37.0

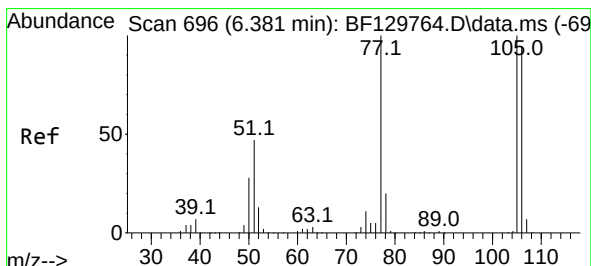
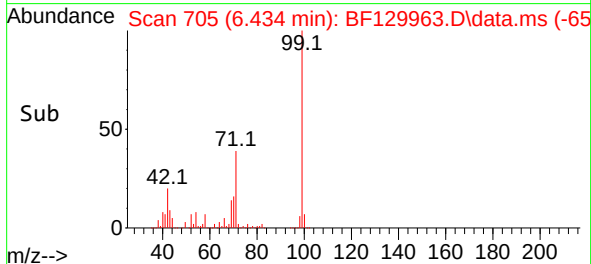
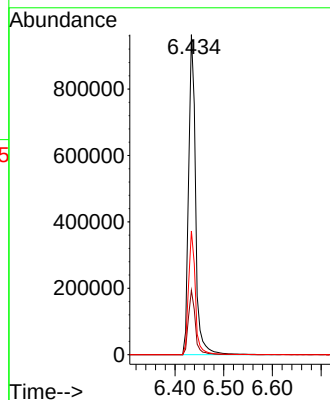
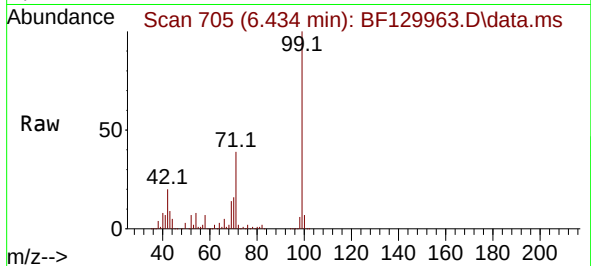




#7
Phenol-d6
Concen: 95.901 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.000 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

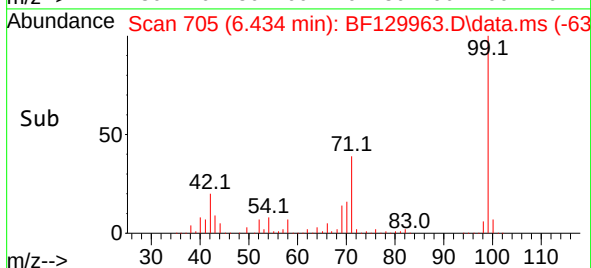
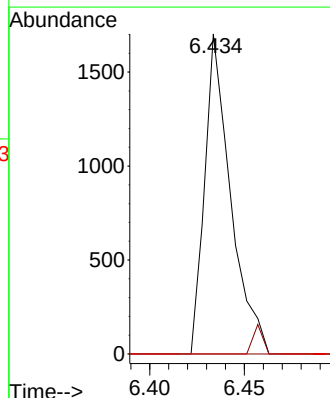
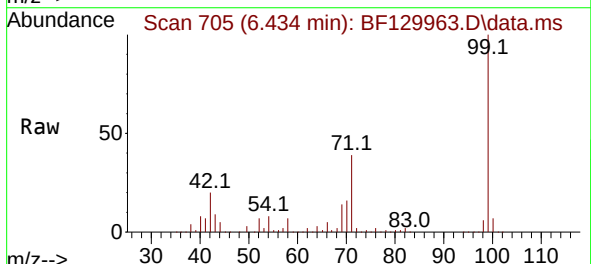
Instrument :
BNA_F
ClientSampleId :
PSC-124035

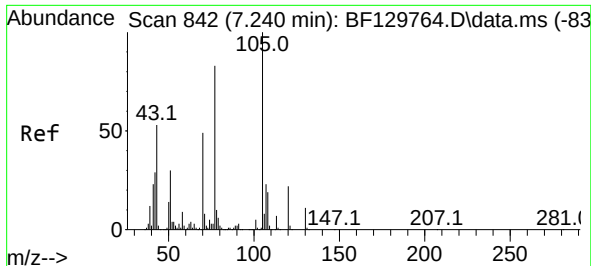
Tgt Ion: 99 Resp: 954014
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 705
Delta R.T. 0.100 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

Tgt Ion: 77 Resp: 1622
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

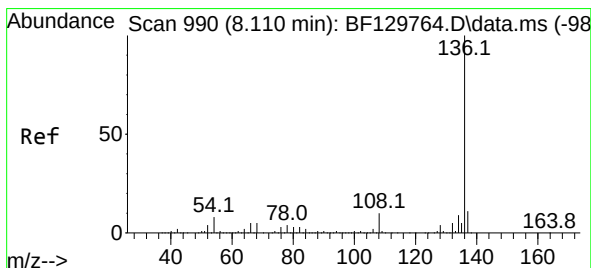
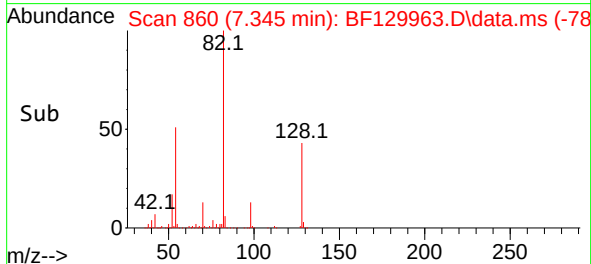
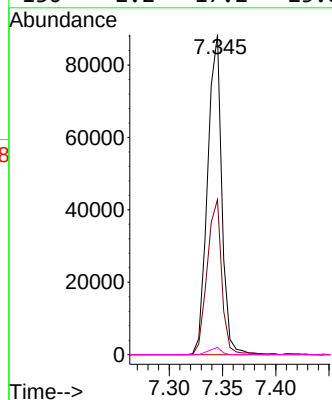
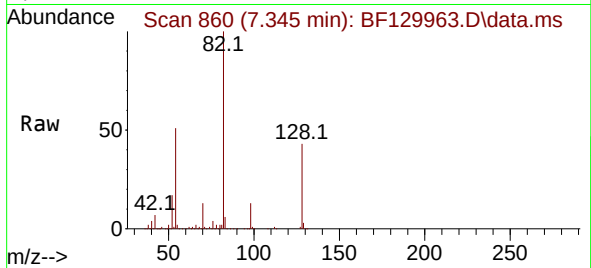




#19
n-Nitroso-di-n-propylamine
Concen: 13.133 ng
RT: 7.345 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

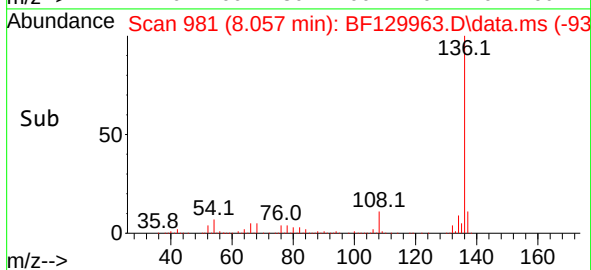
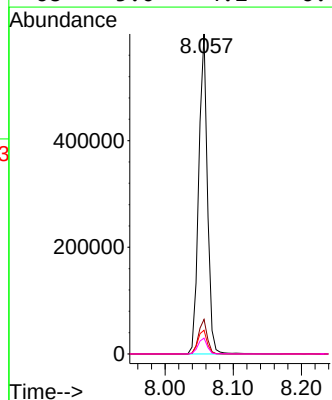
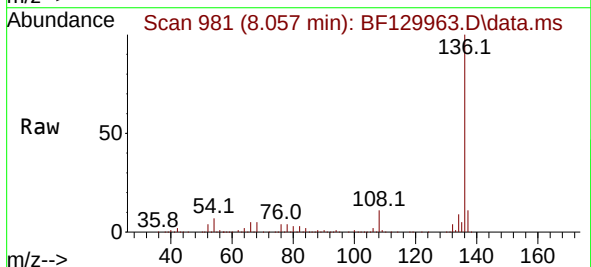
Instrument :
BNA_F
ClientSampleId :
PSC-124035

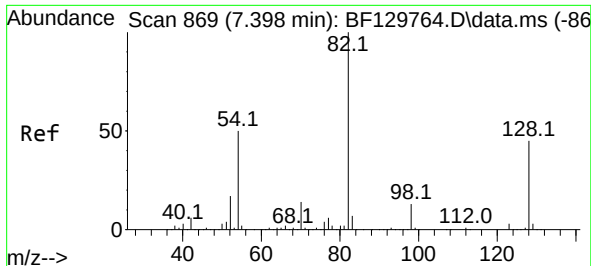
Tgt Ion: 70 Resp: 82579
Ion Ratio Lower Upper
70 100
42 48.5 47.6 71.4
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

Tgt Ion: 136 Resp: 532019
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 6.2 9.2
68 5.0 4.2 6.4

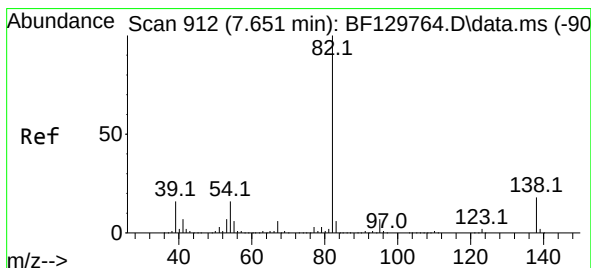
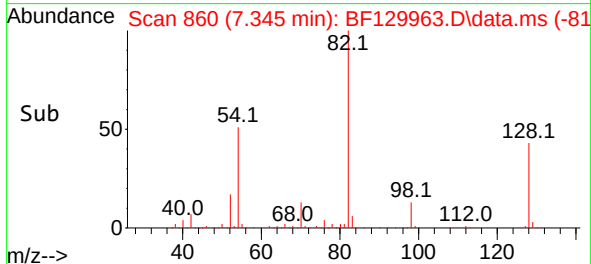
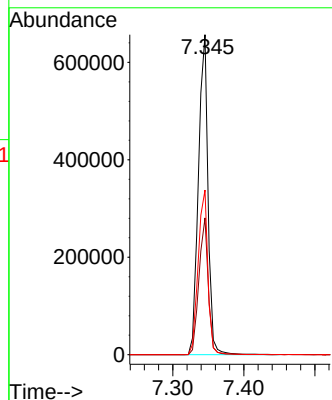
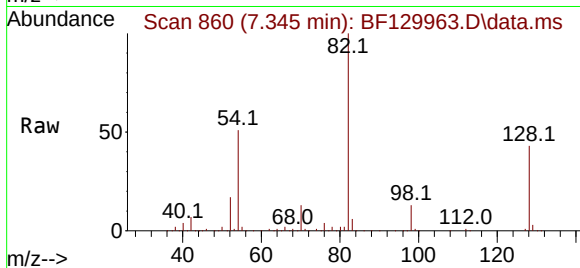




#23
Nitrobenzene-d5
Concen: 62.159 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

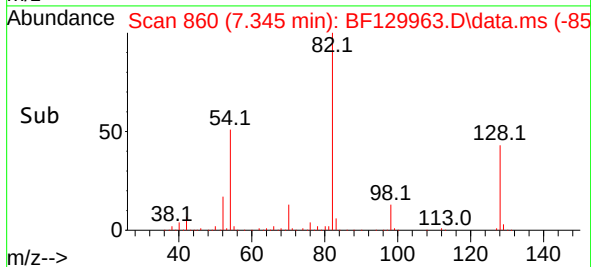
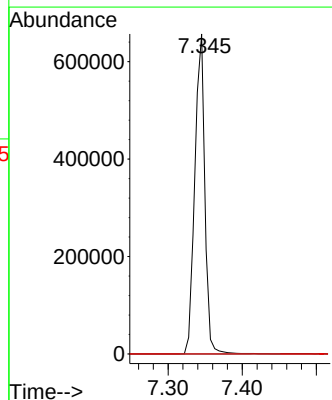
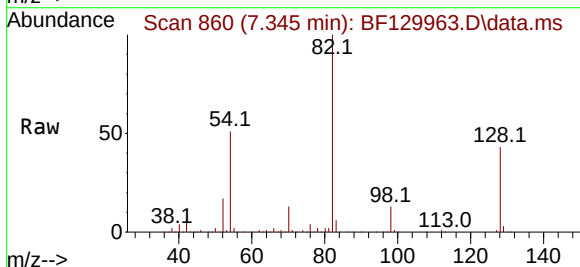
Instrument :
BNA_F
ClientSampleId :
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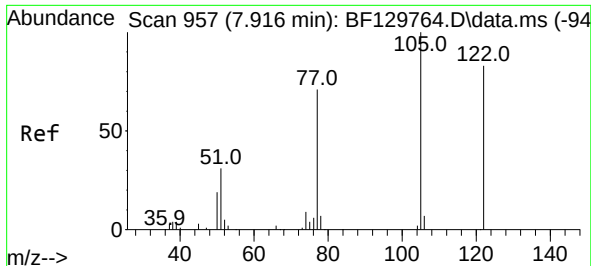
Tgt Ion: 82 Resp: 617755
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 51.5 40.0 60.0



#25
Isophorone
Concen: 36.114 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.259 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

Tgt Ion: 82 Resp: 617749
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

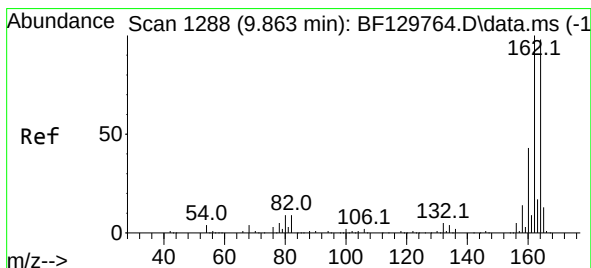
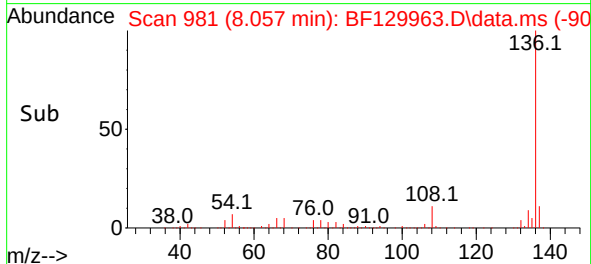
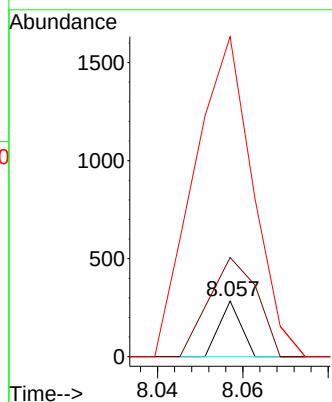
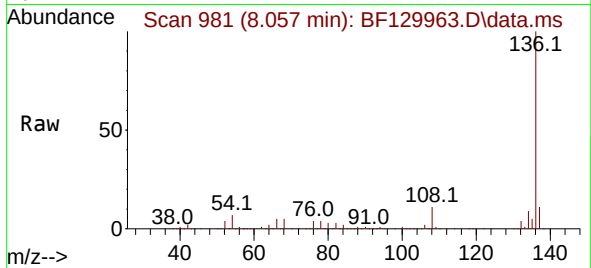




#32
Benzoic acid
Concen: 2.190 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.176 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

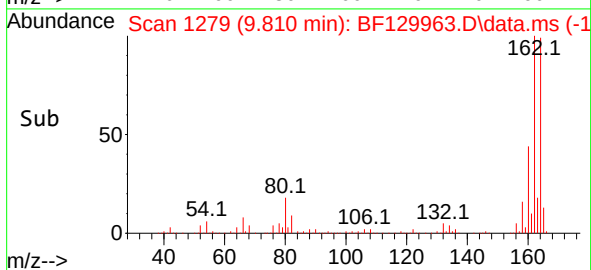
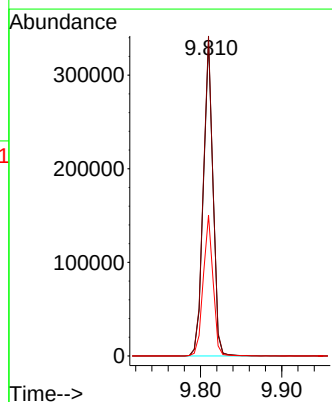
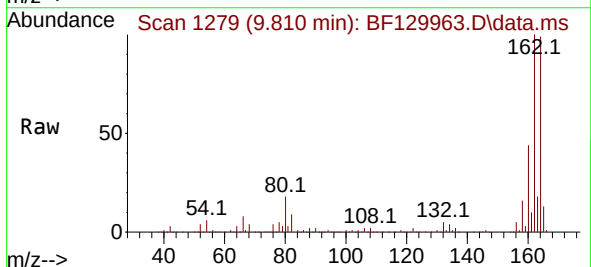
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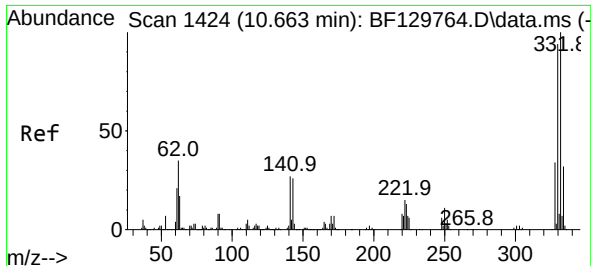
Tgt Ion:122 Resp: 100
Ion Ratio Lower Upper
122 100
105 178.2 99.9 139.9#
77 574.6 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

Tgt Ion:164 Resp: 278768
Ion Ratio Lower Upper
164 100
162 101.3 82.0 123.0
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 88.772 ng

RT: 10.610 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129963.D

Acq: 23 Aug 2022 20:52

Instrument :

BNA_F

ClientSampleId :

PSC-124035

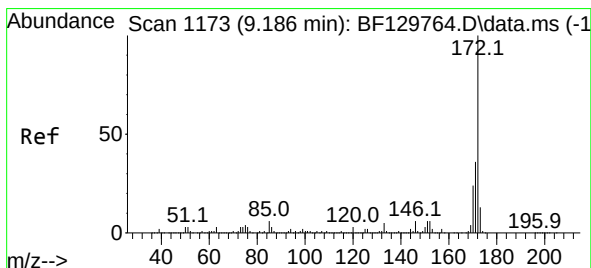
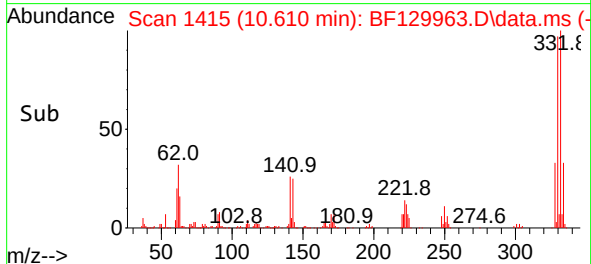
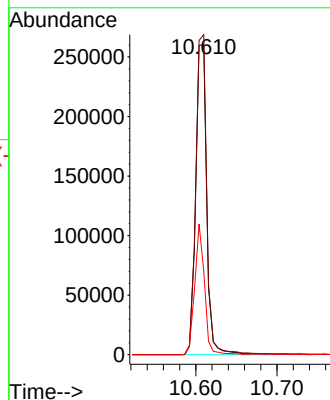
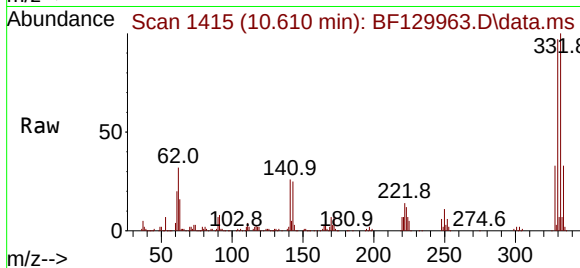
Tgt Ion:330 Resp: 248370

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 37.1 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 49.477 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF129963.D

Acq: 23 Aug 2022 20:52

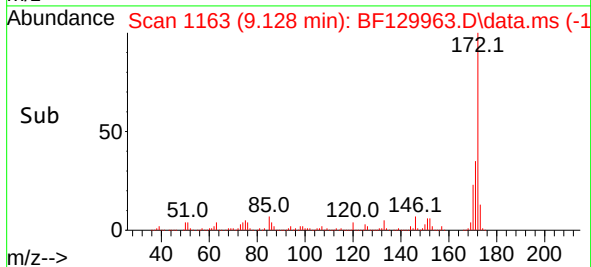
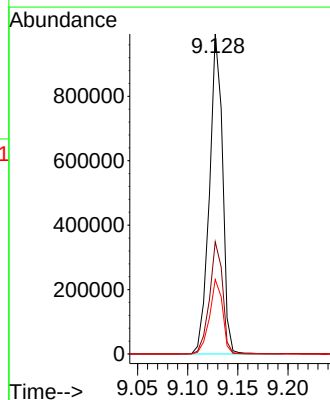
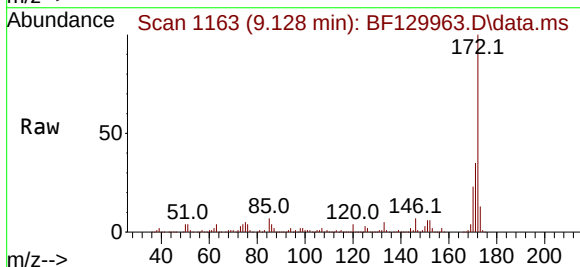
Tgt Ion:172 Resp: 908130

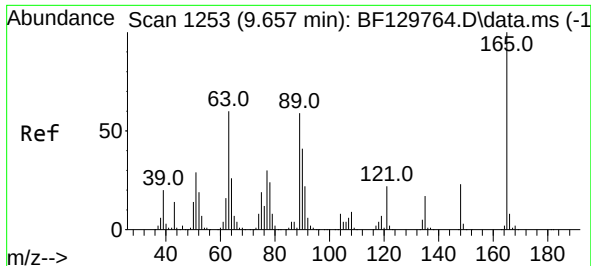
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.182 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.194 min

Lab File: BF129963.D

Acq: 23 Aug 2022 20:52

Instrument :

BNA_F

ClientSampleId :

PSC-124035

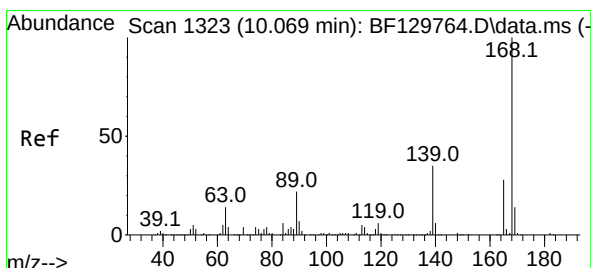
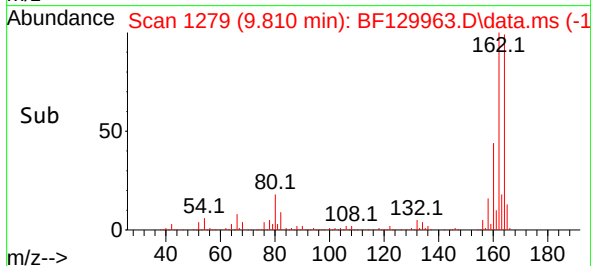
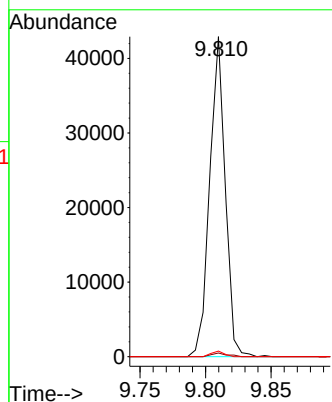
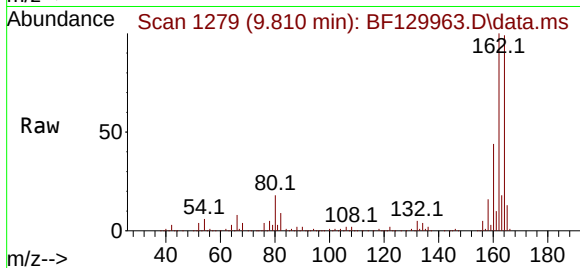
Tgt Ion:165 Resp: 35467

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.8 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.303 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.212 min

Lab File: BF129963.D

Acq: 23 Aug 2022 20:52

Tgt Ion:165 Resp: 35467

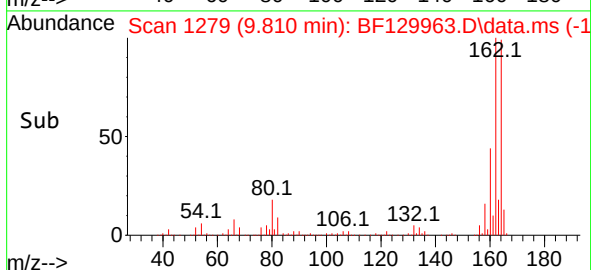
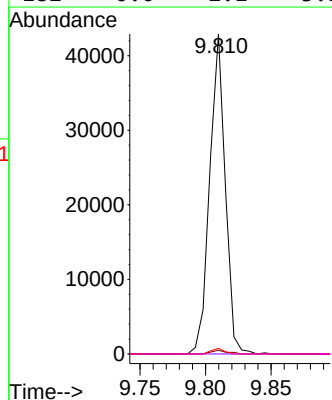
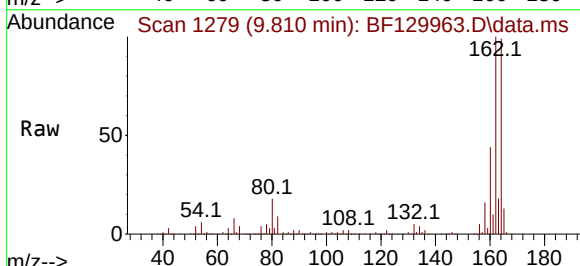
Ion Ratio Lower Upper

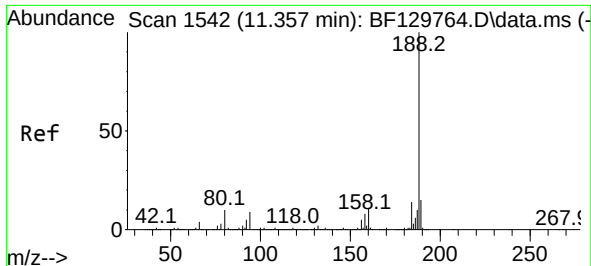
165 100

63 1.1 48.4 72.6#

89 1.8 62.3 93.5#

182 0.0 2.1 3.1#

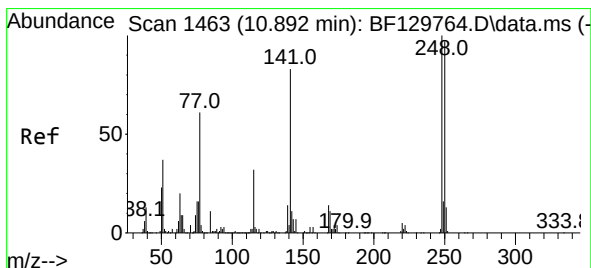
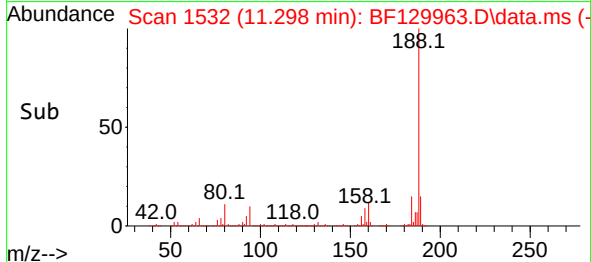
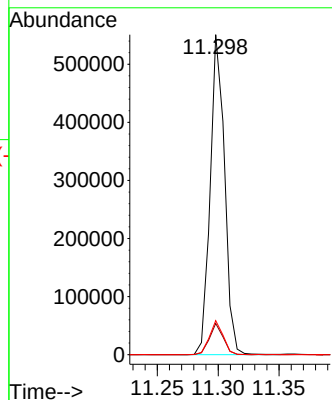
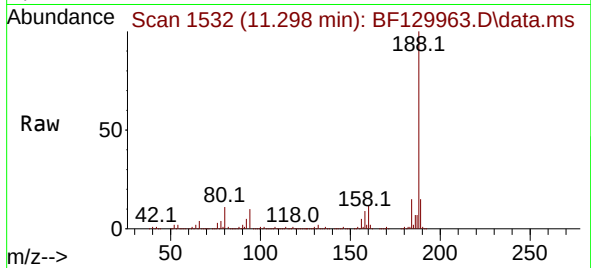




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

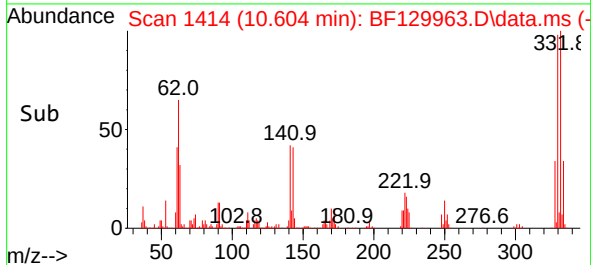
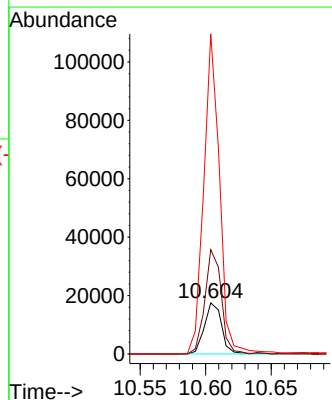
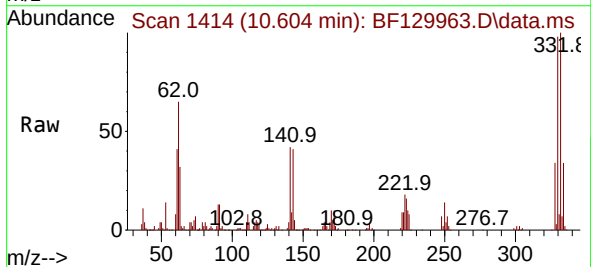
Instrument :
BNA_F
ClientSampleId :
PSC-124035

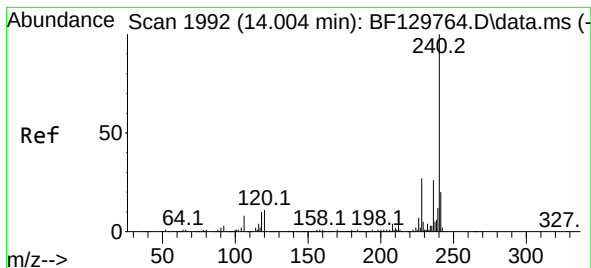
Tgt Ion:188 Resp: 452849
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.026 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.241 min
Lab File: BF129963.D
Acq: 23 Aug 2022 20:52

Tgt Ion:248 Resp: 16052
Ion Ratio Lower Upper
248 100
250 204.3 77.8 116.6#
141 626.7 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 1801

Delta R.T. -0.006 min

Lab File: BF129963.D

Acq: 23 Aug 2022 20:52

Instrument :

BNA_F

ClientSampleId :

PSC-124035

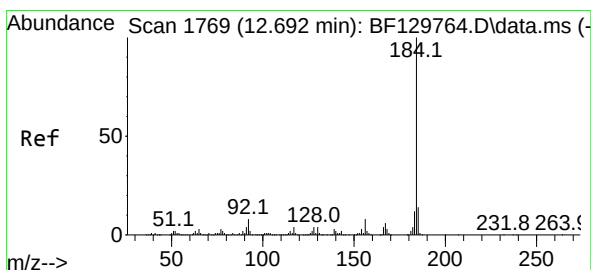
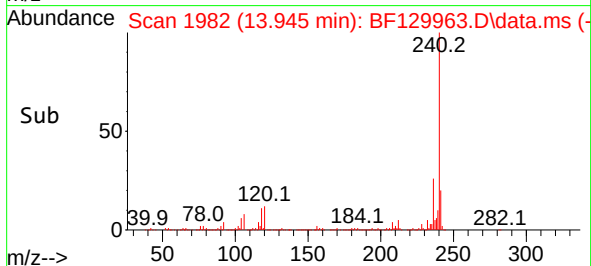
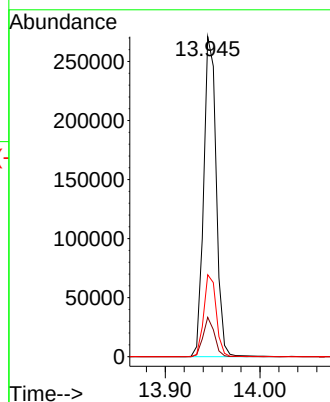
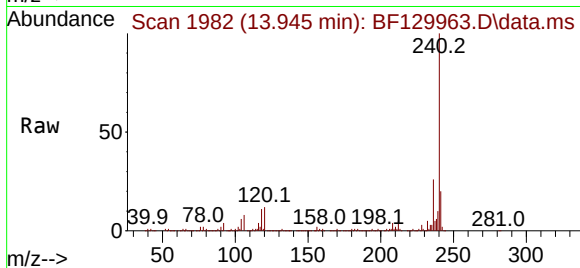
Tgt Ion:240 Resp: 250216

Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.6 20.7 31.1



#77

Benzdine

Concen: Below Cal

RT: 12.880 min Scan# 1801

Delta R.T. 0.235 min

Lab File: BF129963.D

Acq: 23 Aug 2022 20:52

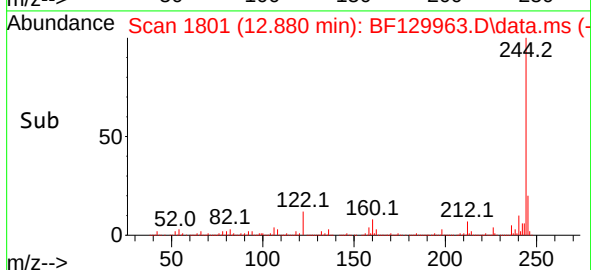
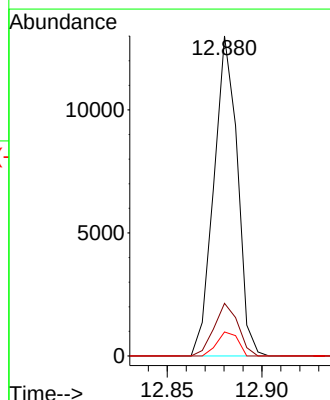
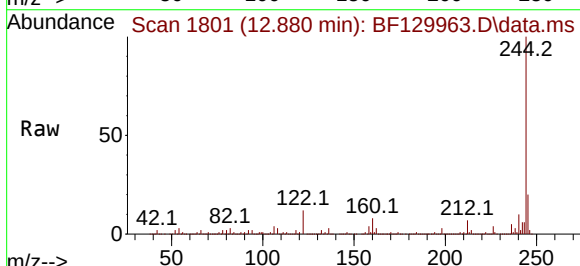
Tgt Ion:184 Resp: 11262

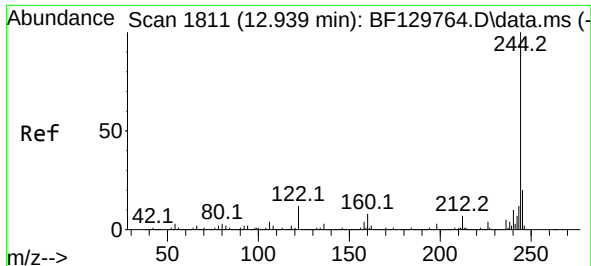
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.2

183 7.5 9.4 14.2#

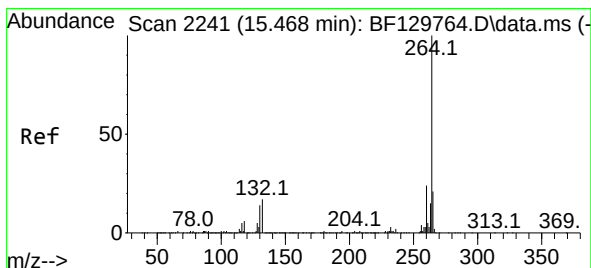
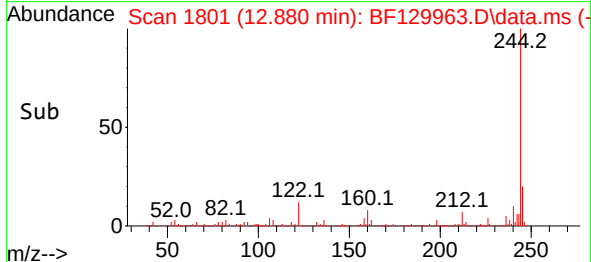
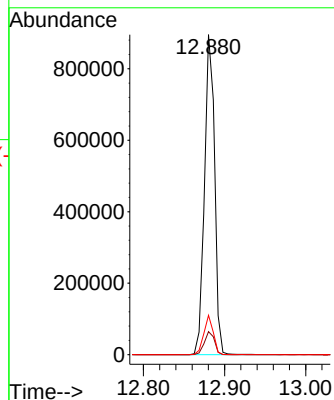
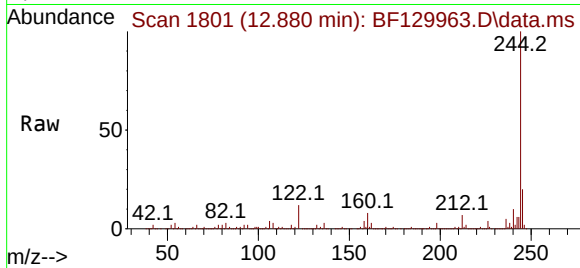




#79
 Terphenyl-d14
 Concen: 51.477 ng
 RT: 12.880 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF129963.D
 Acq: 23 Aug 2022 20:52

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124035

Tgt Ion:244 Resp: 774085
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.3 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. 0.006 min
 Lab File: BF129963.D
 Acq: 23 Aug 2022 20:52

Tgt Ion:264 Resp: 221505
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.7 16.7 25.1

