

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129985.D
 Acq On : 24 Aug 2022 22:43
 Operator : CG\JU
 Sample : N4262-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 25 04:16:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

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

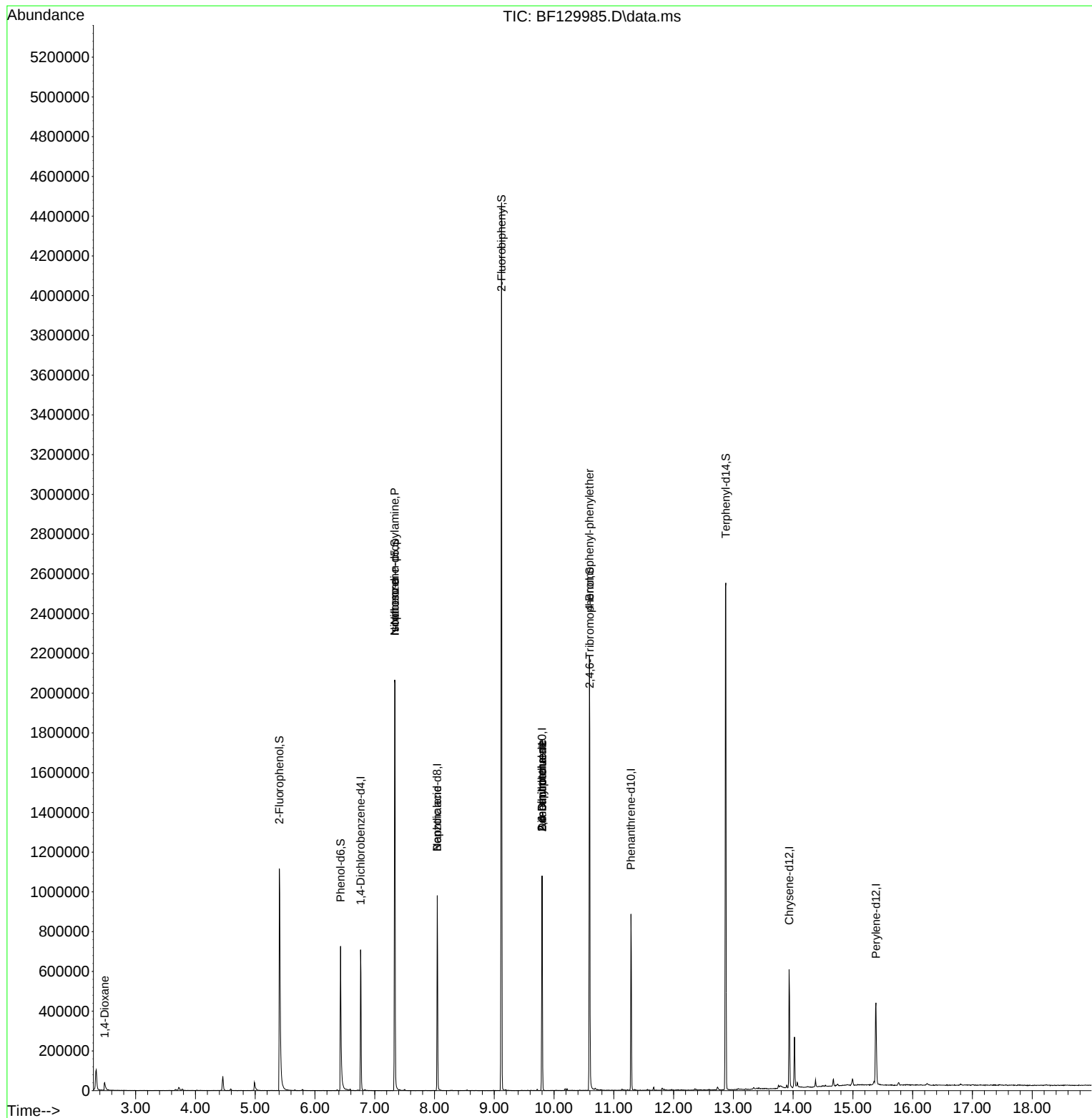
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	100506	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	392003	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	193527	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	292571	20.000	ng	0.00
76) Chrysene-d12	13.933	240	187137	20.000	ng	0.00
86) Perylene-d12	15.386	264	192626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	370587	61.049	ng	0.00
7) Phenol-d6	6.428	99	270812	35.625	ng	0.00
23) Nitrobenzene-d5	7.334	82	692353	94.548	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	241334	124.250	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1208439	94.839	ng	0.00
79) Terphenyl-d14	12.875	244	878015	78.069	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	22008	8.788	ng	# 93
9) Benzaldehyde	6.428	77	585	Below Cal		# 1
19) n-Nitroso-di-n-propyla...	7.334	70	94150	19.594	ng	# 80
25) Isophorone	7.334	82	692346	54.932	ng	# 65
32) Benzoic acid	8.045	122	90	2.199	ng	# 1
50) Dimethylphthalate	9.798	163	33565	2.419	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	25255	8.392	ng	# 23
57) 2,4-Dinitrotoluene	9.798	165	25255	6.465	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	15398	4.493	ng	# 1
77) Benzidine	12.869	184	12924	Below Cal		# 90

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

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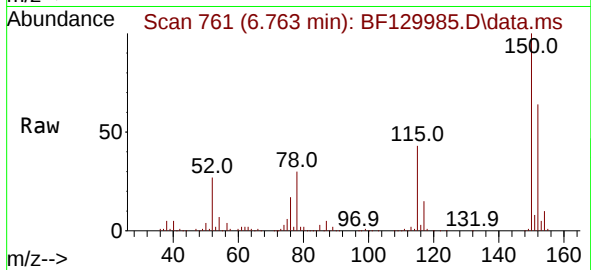
Quant Time: Aug 25 04:16:45 2022
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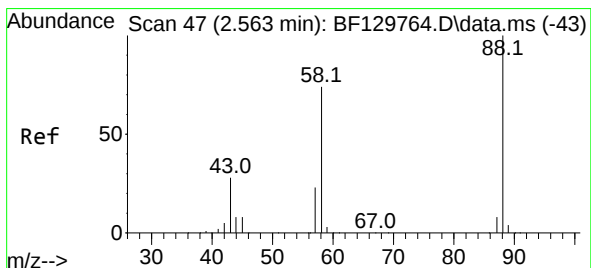
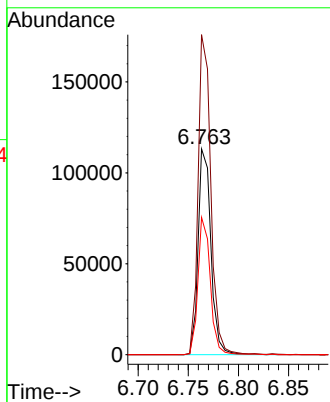
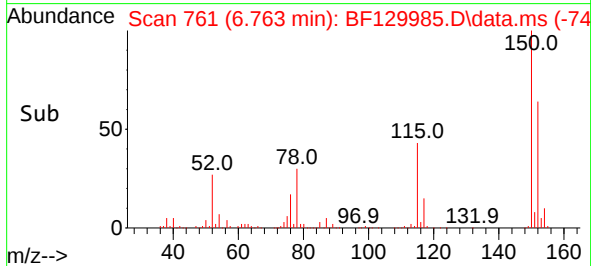


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129985.D
 Acq: 24 Aug 2022 22:43

Instrument :
 BNA_F
 ClientSampleId :

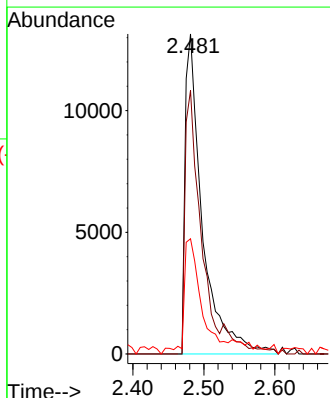
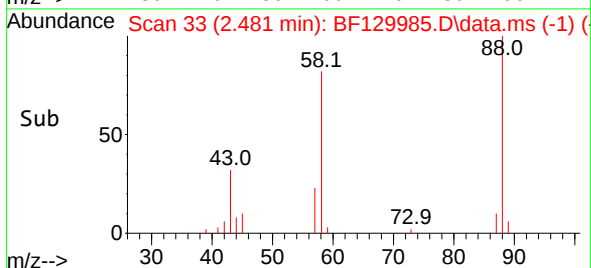
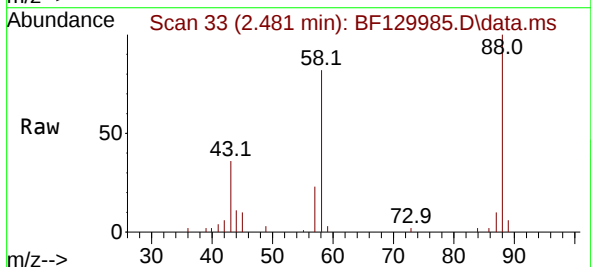


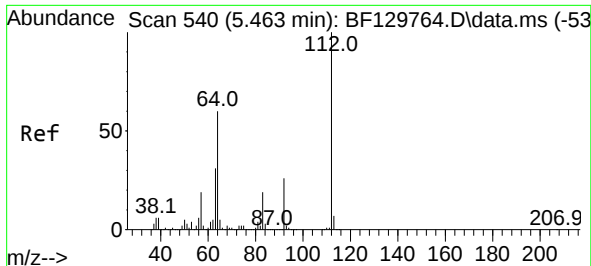
Tgt Ion:152 Resp: 100506
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.9 190.3
 115 66.7 53.4 80.0



#2
 1,4-Dioxane
 Concen: 8.788 ng
 RT: 2.481 min Scan# 33
 Delta R.T. 0.035 min
 Lab File: BF129985.D
 Acq: 24 Aug 2022 22:43

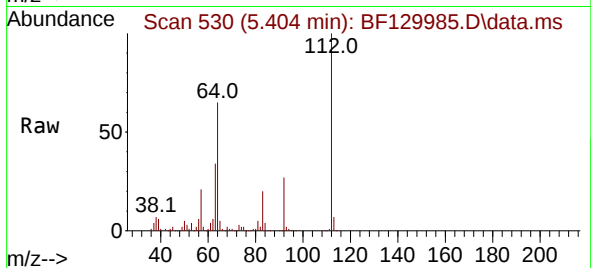
Tgt Ion: 88 Resp: 22008
 Ion Ratio Lower Upper
 88 100
 58 72.0 60.9 91.3
 43 36.4 23.6 35.4#



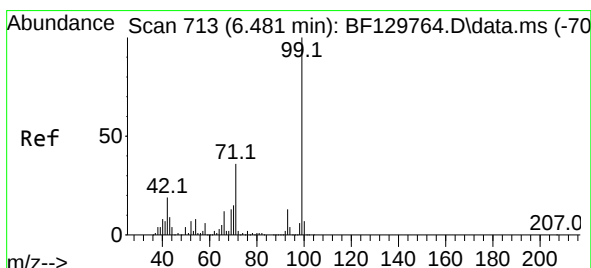
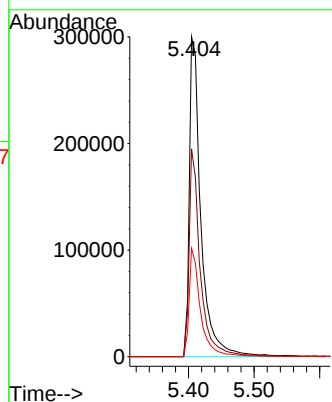
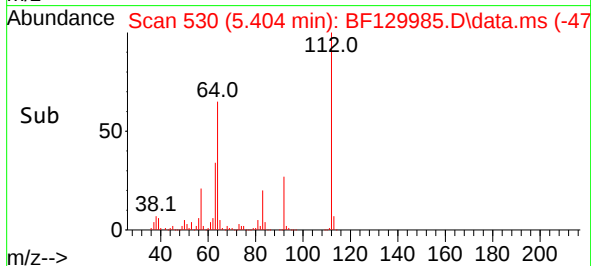


#5
2-Fluorophenol
Concen: 61.049 ng
RT: 5.404 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Instrument :
BNA_F
ClientSampleId :

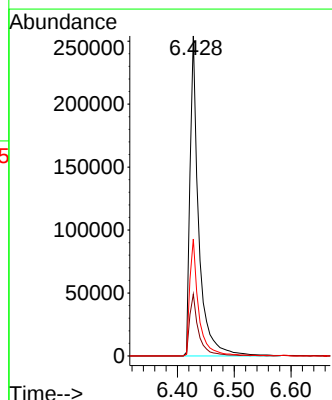
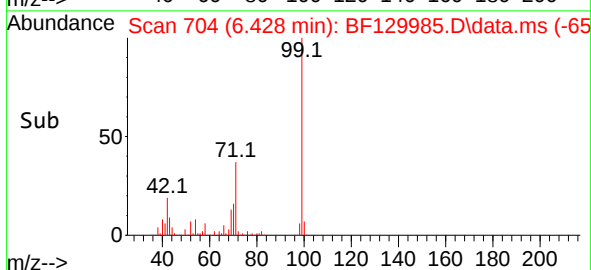
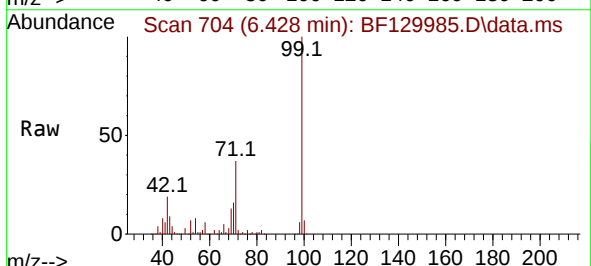


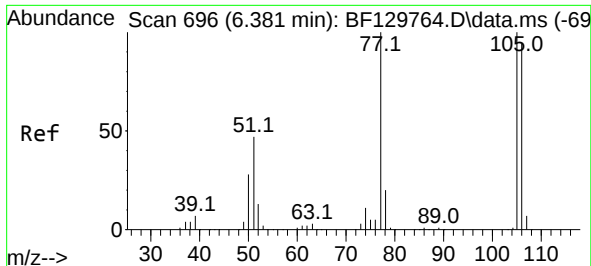
Tgt Ion:112 Resp: 370587
Ion Ratio Lower Upper
112 100
64 64.9 47.6 71.4
63 33.8 24.6 37.0



#7
Phenol-d6
Concen: 35.625 ng
RT: 6.428 min Scan# 704
Delta R.T. 0.000 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Tgt Ion: 99 Resp: 270812
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.4
71 36.5 28.8 43.2

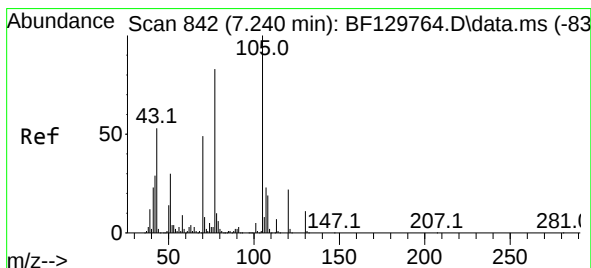
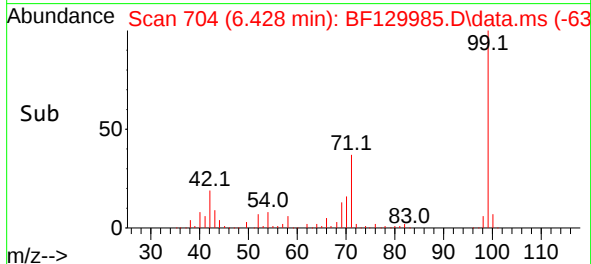
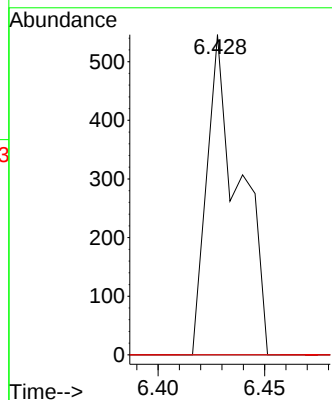
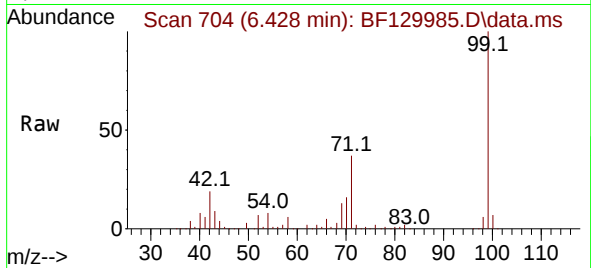




#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 704
Delta R.T. 0.100 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

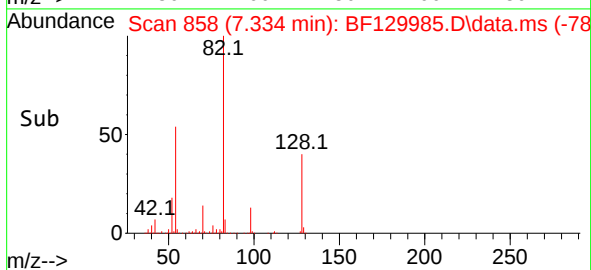
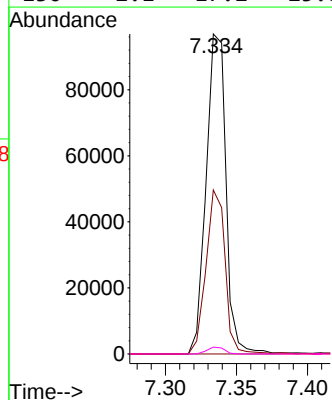
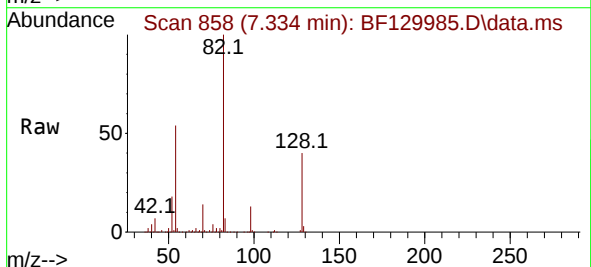
Instrument :
BNA_F
ClientSampleId :

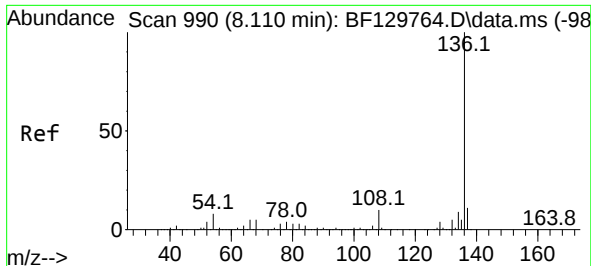
Tgt Ion: 77 Resp: 585
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.594 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.147 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

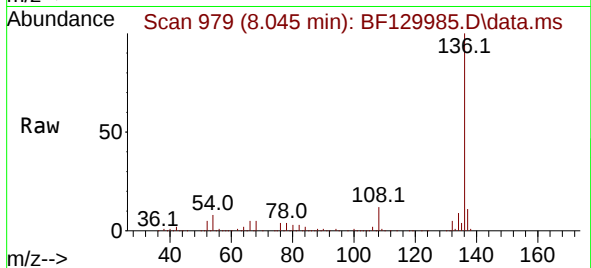
Tgt Ion: 70 Resp: 94150
Ion Ratio Lower Upper
70 100
42 51.2 47.6 71.4
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#





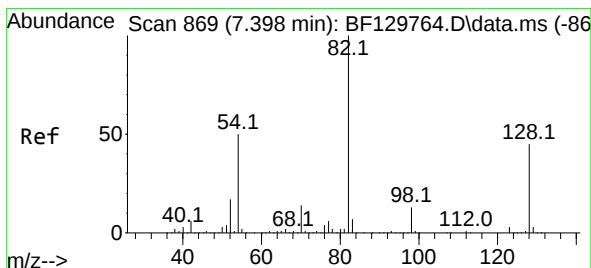
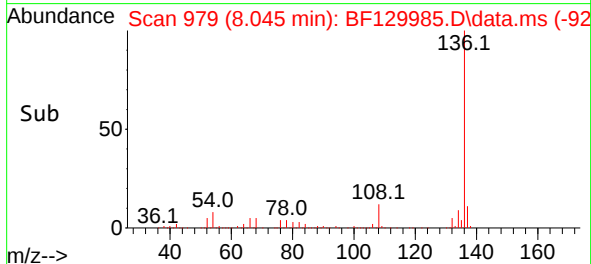
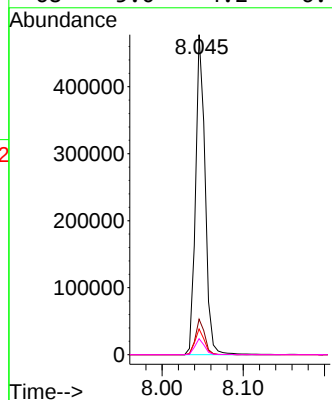
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 392003

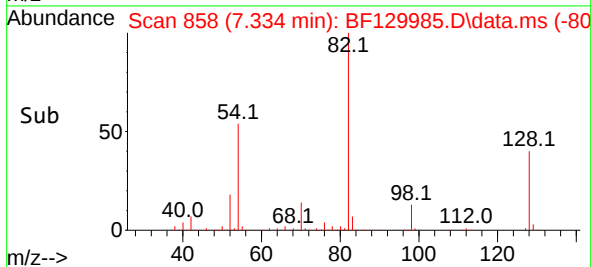
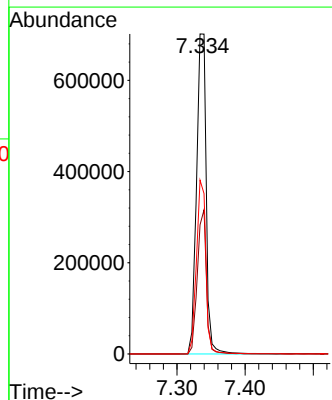
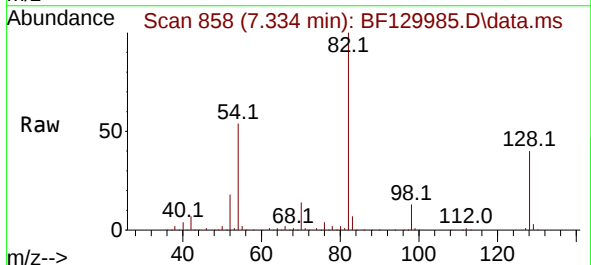
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.0	6.2	9.2
68	5.0	4.2	6.4

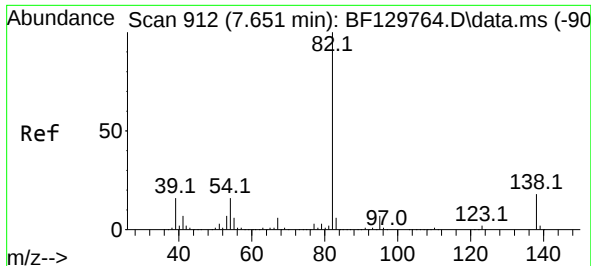


#23
Nitrobenzene-d5
Concen: 94.548 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

Tgt Ion: 82 Resp: 692353

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	54.3	40.0	60.0

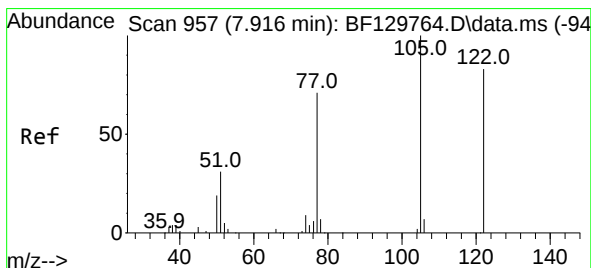
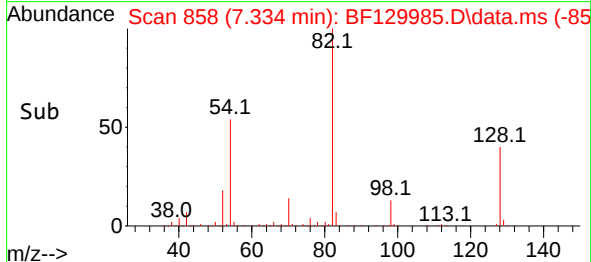
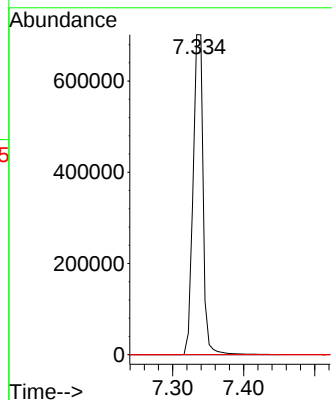
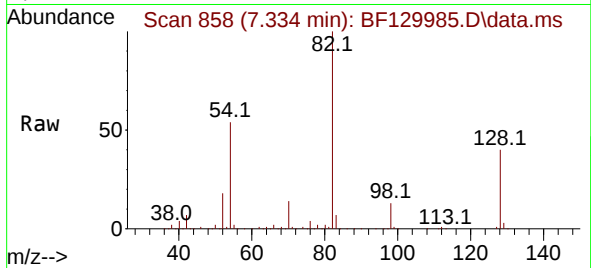




#25
Isophorone
Concen: 54.932 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

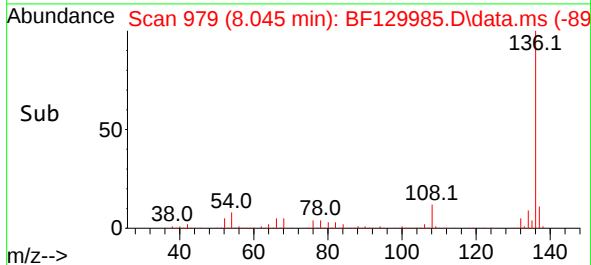
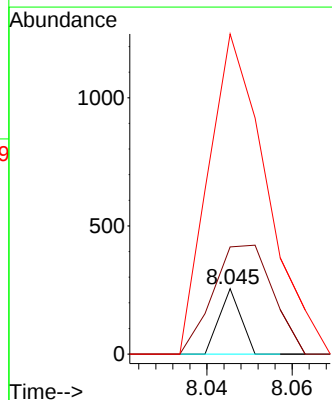
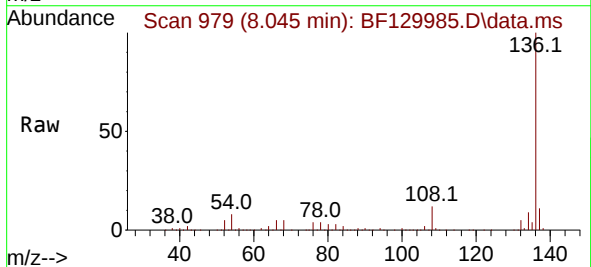
Instrument :
BNA_F
ClientSampleId :

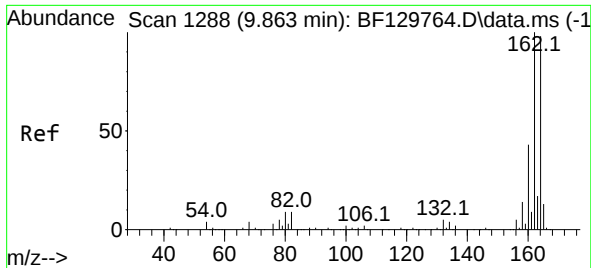
Tgt Ion: 82 Resp: 692346
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.199 ng
RT: 8.045 min Scan# 979
Delta R.T. 0.171 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

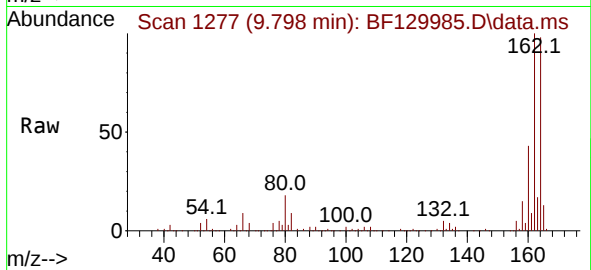
Tgt Ion:122 Resp: 90
Ion Ratio Lower Upper
122 100
105 163.9 99.9 139.9#
77 489.8 65.9 105.9#



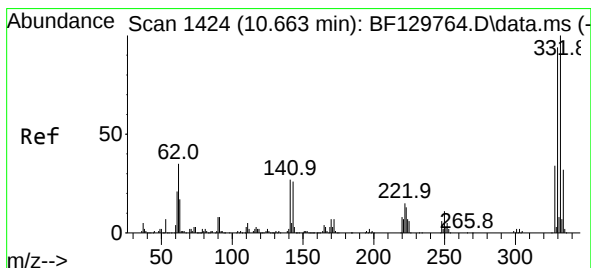
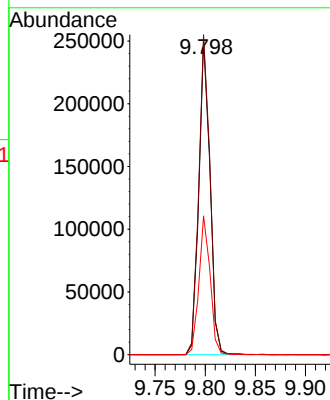
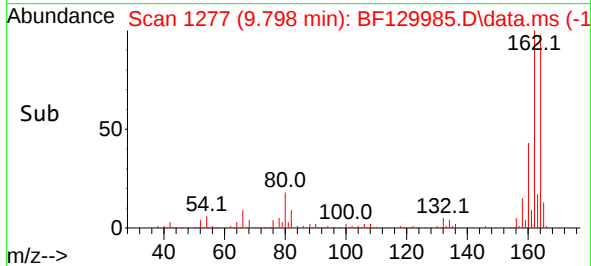


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43

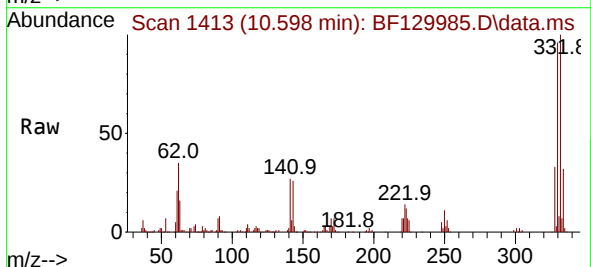
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BNA_F
ClientSampleId :



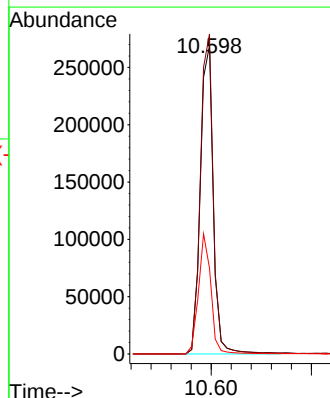
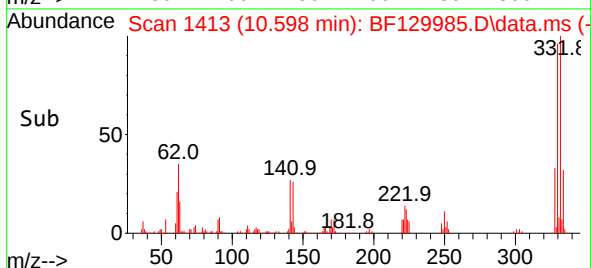
Tgt Ion:164 Resp: 193527
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 44.2 35.4 53.0

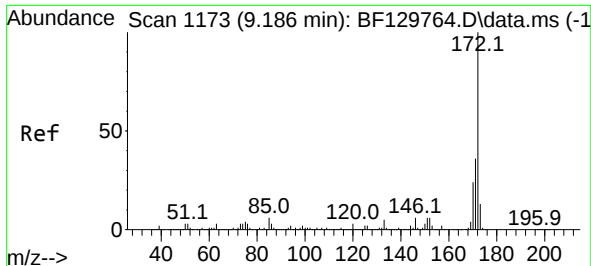


#42
2,4,6-Tribromophenol
Concen: 124.250 ng
RT: 10.598 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF129985.D
Acq: 24 Aug 2022 22:43



Tgt Ion:330 Resp: 241334
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 37.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 94.839 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

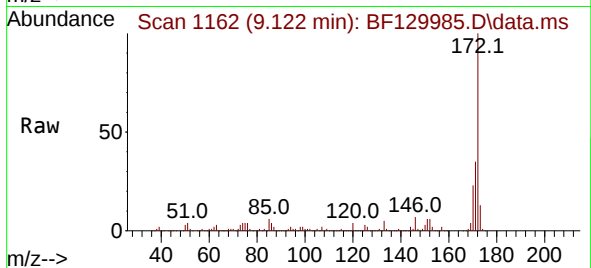
Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

Instrument :

BNA_F

ClientSampleId :



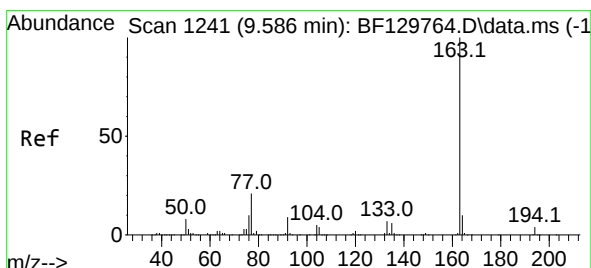
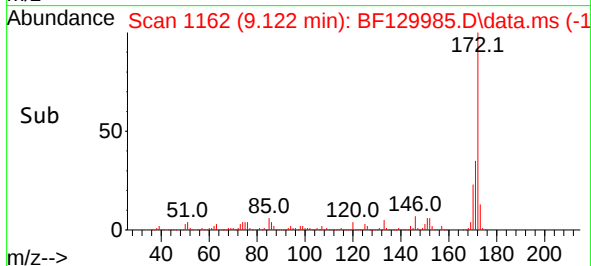
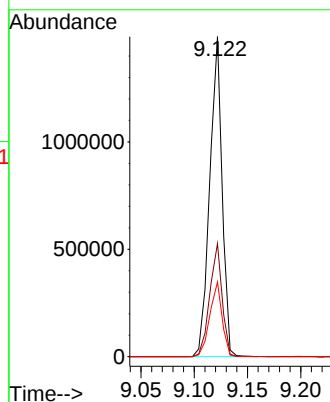
Tgt Ion:172 Resp: 1208439

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.419 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.265 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

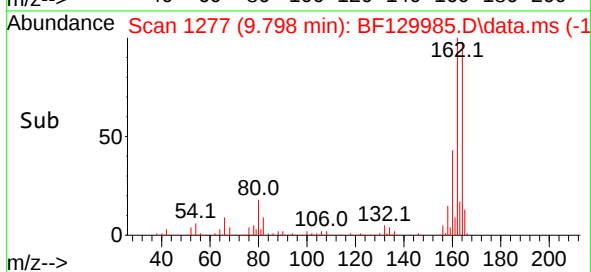
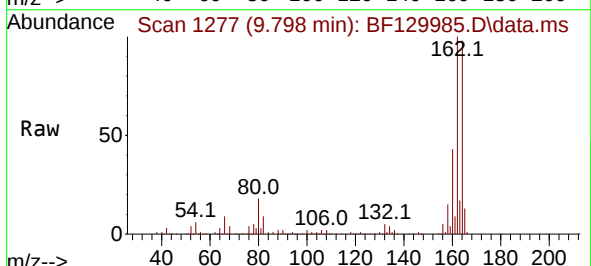
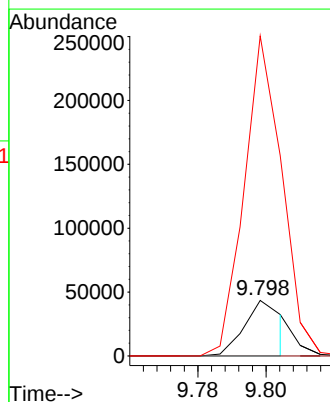
Tgt Ion:163 Resp: 33565

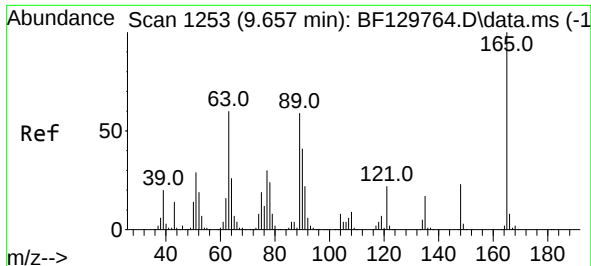
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 575.5 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 8.392 ng

RT: 9.798 min Scan# 1277

Delta R.T. 0.194 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

Instrument :

BNA_F

ClientSampleId :

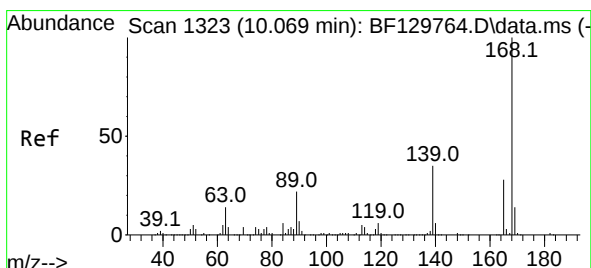
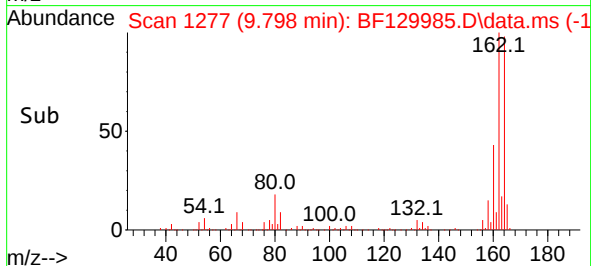
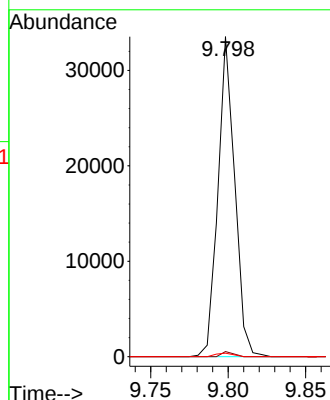
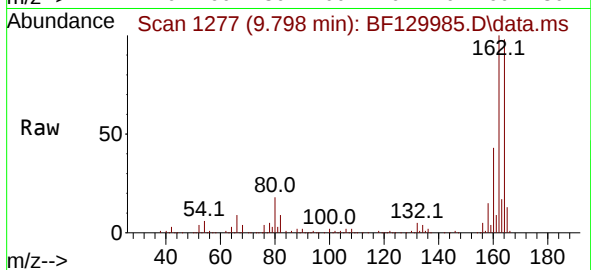
Tgt Ion:165 Resp: 25255

Ion Ratio Lower Upper

165 100

63 1.6 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 6.465 ng

RT: 9.798 min Scan# 1277

Delta R.T. -0.218 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

Tgt Ion:165 Resp: 25255

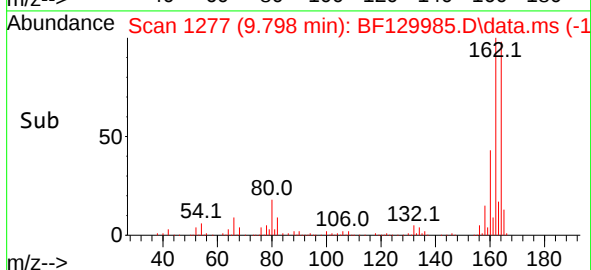
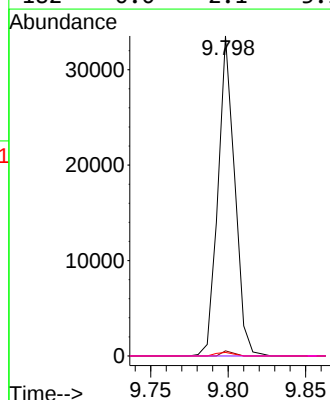
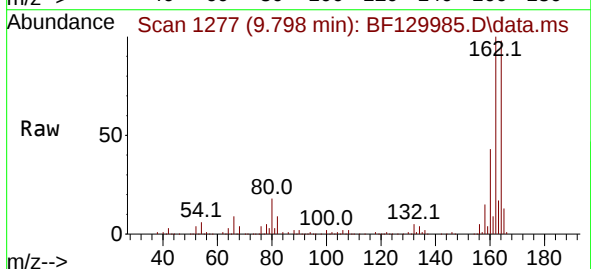
Ion Ratio Lower Upper

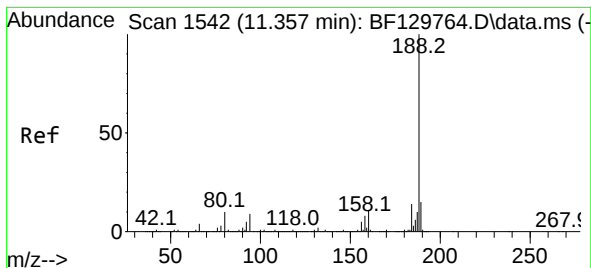
165 100

63 1.6 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

Instrument :

BNA_F

ClientSampleId :

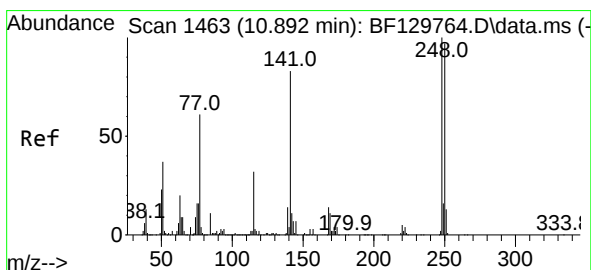
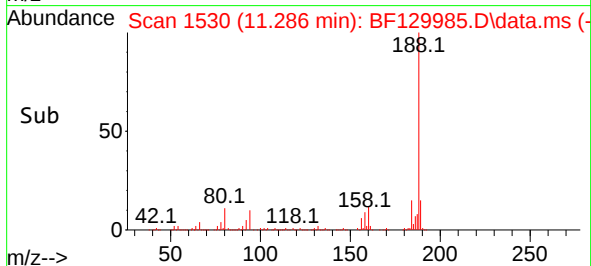
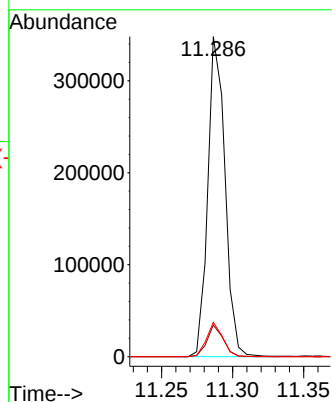
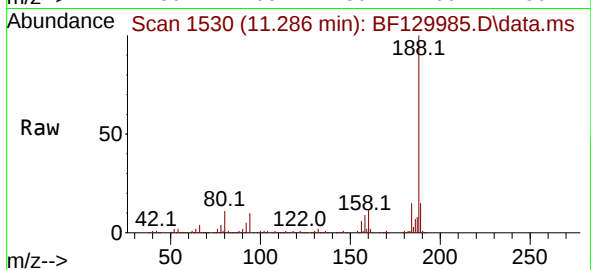
Tgt Ion:188 Resp: 292571

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.8 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 4.493 ng

RT: 10.592 min Scan# 1412

Delta R.T. -0.241 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

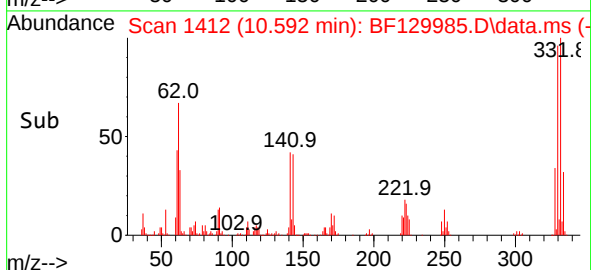
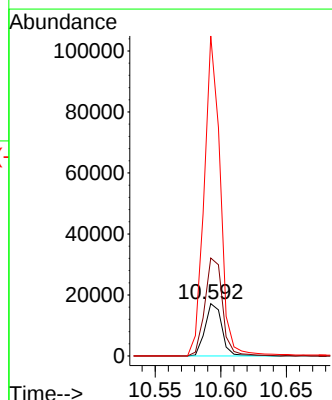
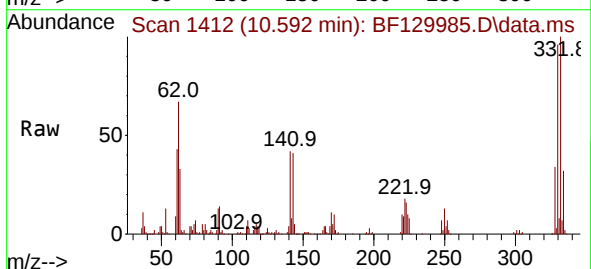
Tgt Ion:248 Resp: 15398

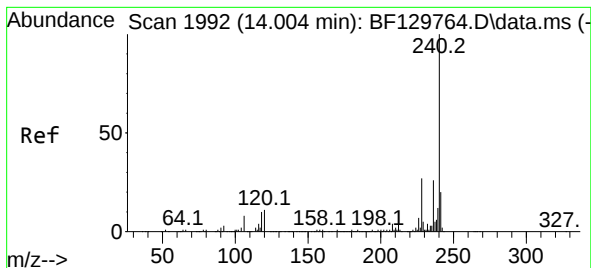
Ion Ratio Lower Upper

248 100

250 187.3 77.8 116.6#

141 612.3 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF129985.D

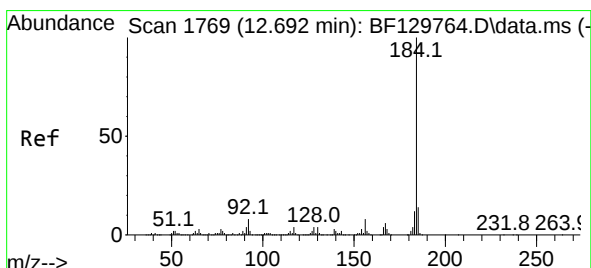
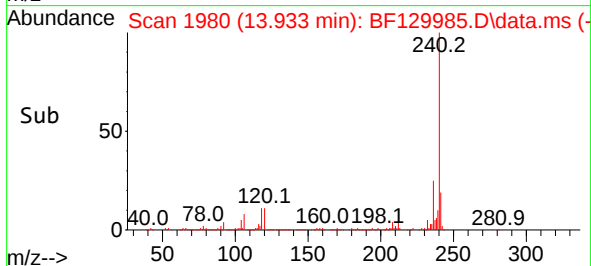
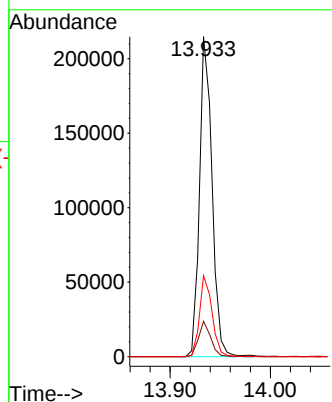
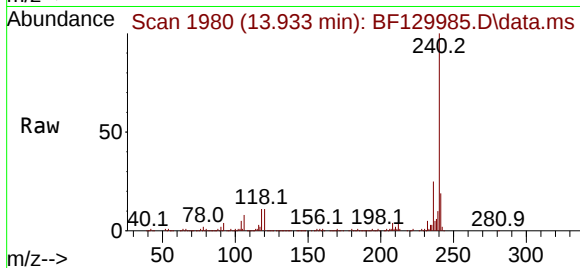
Acq: 24 Aug 2022 22:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:240	Resp:	187137
Ion Ratio	Lower	Upper
240	100	
120	11.1	9.2 13.8
236	25.3	20.7 31.1



#77

Benzidine

Concen: Below Cal

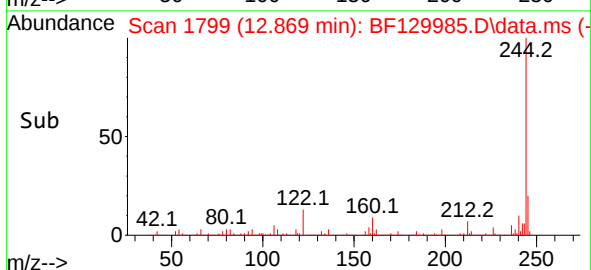
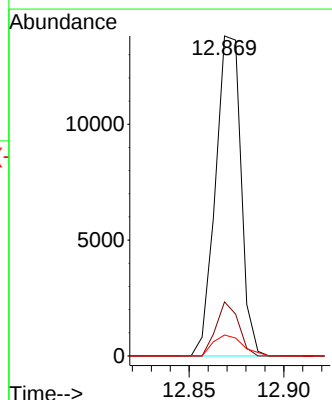
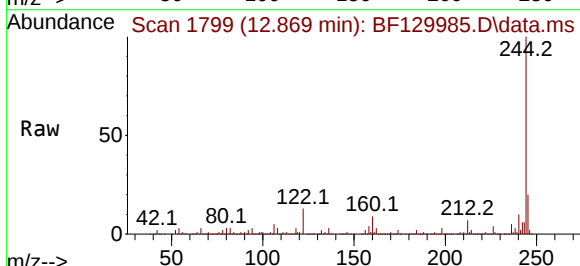
RT: 12.869 min Scan# 1799

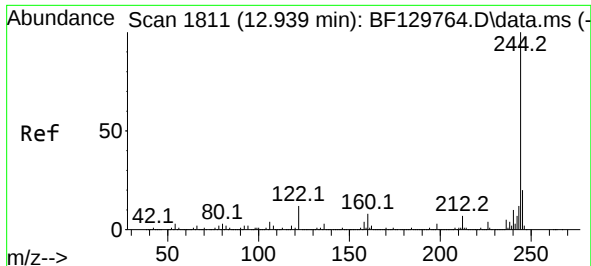
Delta R.T. 0.235 min

Lab File: BF129985.D

Acq: 24 Aug 2022 22:43

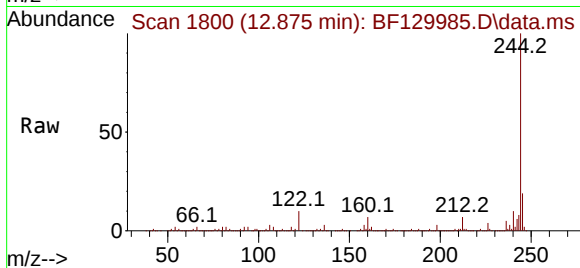
Tgt Ion:184	Resp:	12924
Ion Ratio	Lower	Upper
184	100	
185	16.9	11.4 17.2
183	6.5	9.4 14.2#



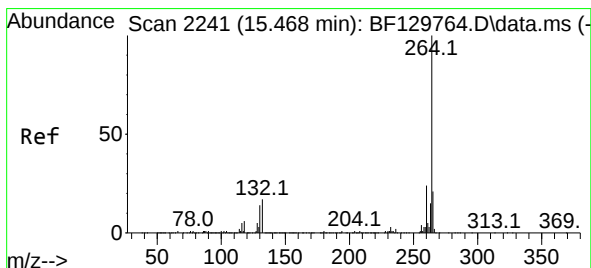
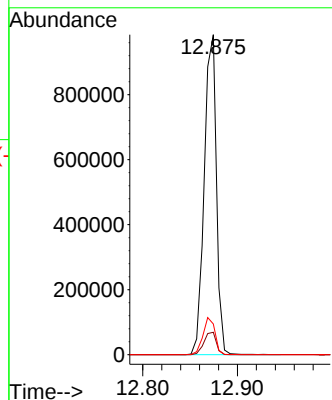
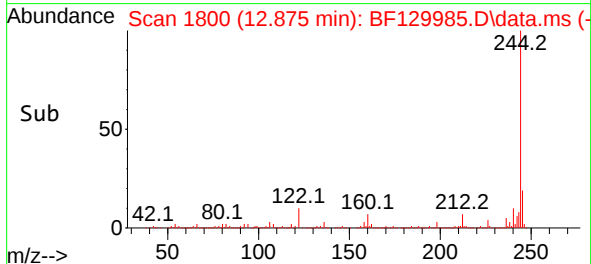


#79
 Terphenyl-d14
 Concen: 78.069 ng
 RT: 12.875 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129985.D
 Acq: 24 Aug 2022 22:43

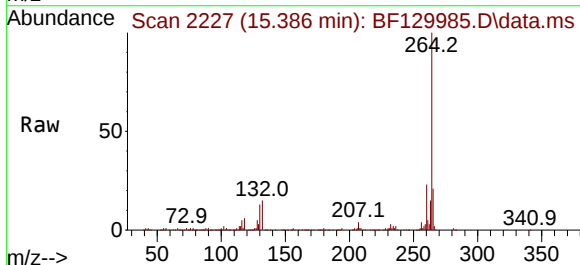
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 878015
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.6 9.9 14.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. 0.000 min
 Lab File: BF129985.D
 Acq: 24 Aug 2022 22:43



Tgt Ion:264 Resp: 192626
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.0 16.7 25.1

