

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129814.D
 Acq On : 16 Aug 2022 16:54
 Operator : CG\JU
 Sample : PB146848BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146848BL

Quant Time: Aug 17 02:34:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

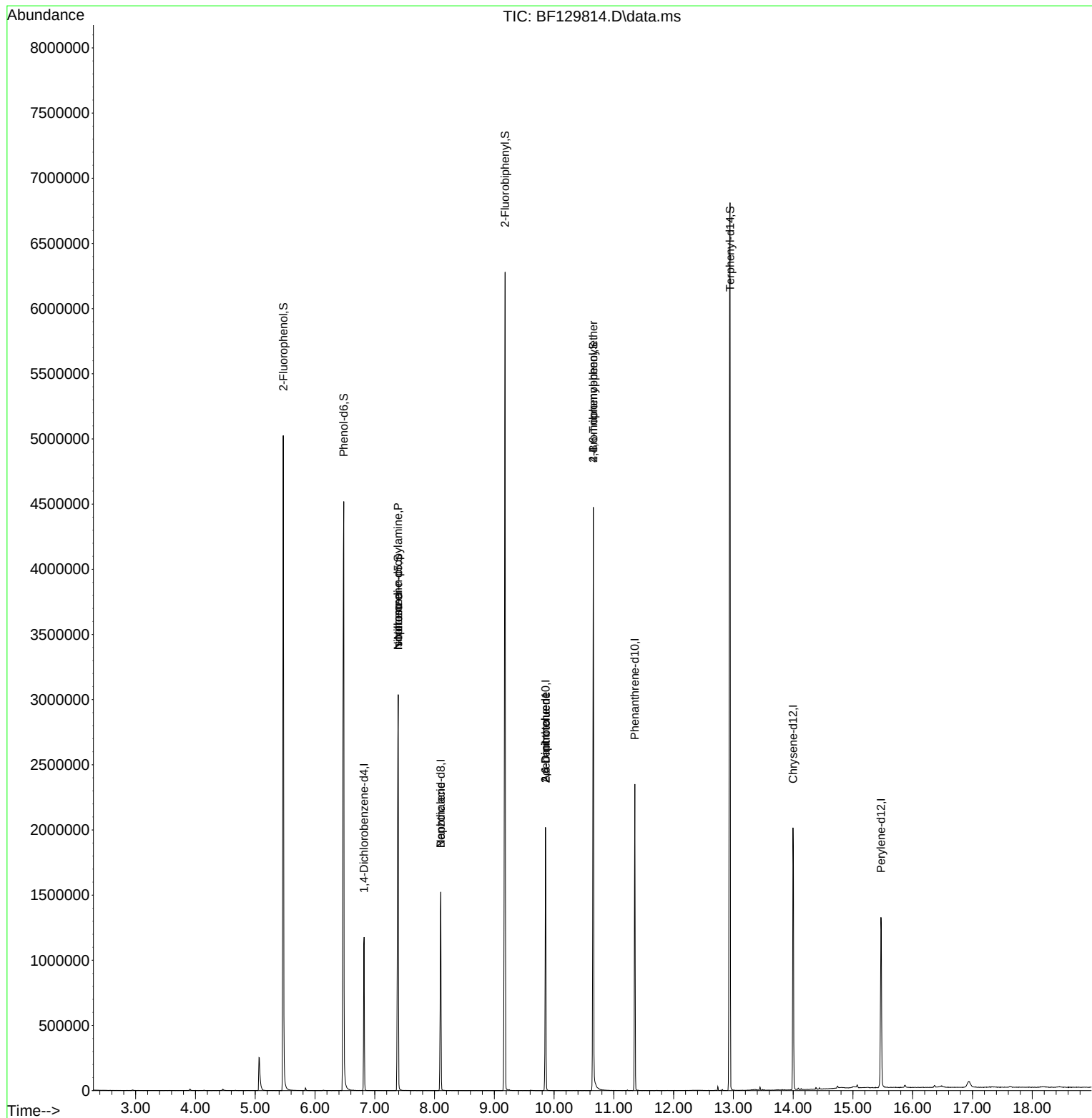
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	183153	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	764479	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	424968	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	785691	20.000	ng	0.00
76) Chrysene-d12	13.998	240	669092	20.000	ng	0.00
86) Perylene-d12	15.468	264	591214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1413039	127.738	ng	0.00
7) Phenol-d6	6.481	99	1794225	129.522	ng	0.00
23) Nitrobenzene-d5	7.392	82	1162323	81.390	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	577093	135.303	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2169307	77.529	ng	0.00
79) Terphenyl-d14	12.945	244	2760476	68.649	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2948	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.392	70	155591	17.769	ng	# 74
25) Isophorone	7.392	82	1162307	47.288	ng	# 65
32) Benzoic acid	8.104	122	58	2.165	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	55407	8.384	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	55407	6.459	ng	# 18
67) 4-Bromophenyl-phenylether	10.657	248	35791	3.889	ng	# 1
77) Benzidine	12.692	184	1717	Below Cal	#	67

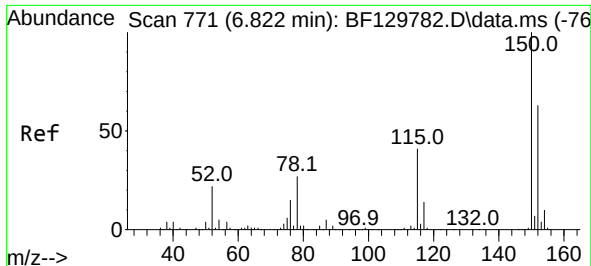
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129814.D
Acq On : 16 Aug 2022 16:54
Operator : CG\JU
Sample : PB146848BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB146848BL

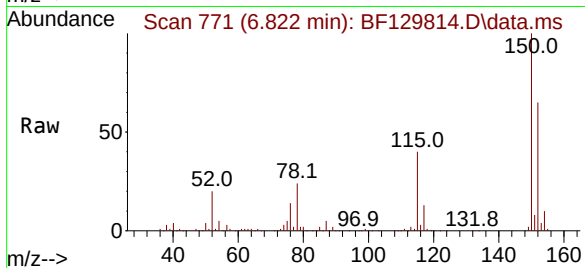
Quant Time: Aug 17 02:34:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration



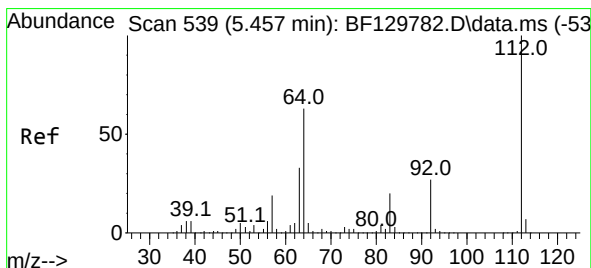
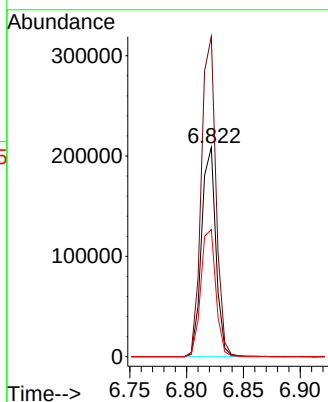
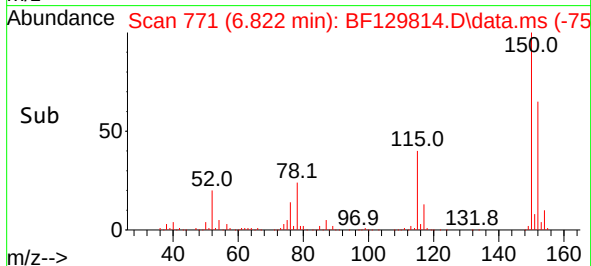


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

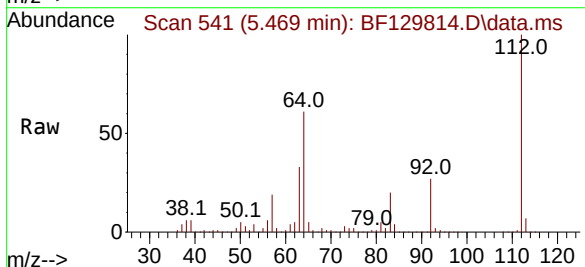
Instrument :
BNA_F
ClientSampleId :
PB146848BL



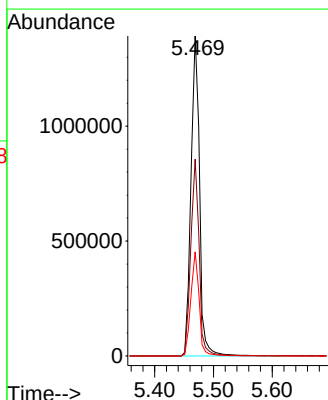
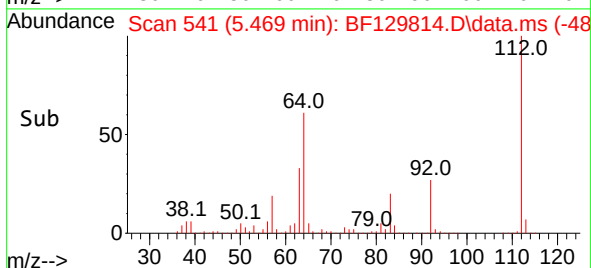
Tgt Ion:152 Resp: 183153
Ion Ratio Lower Upper
152 100
150 152.9 126.9 190.3
115 60.8 53.4 80.0

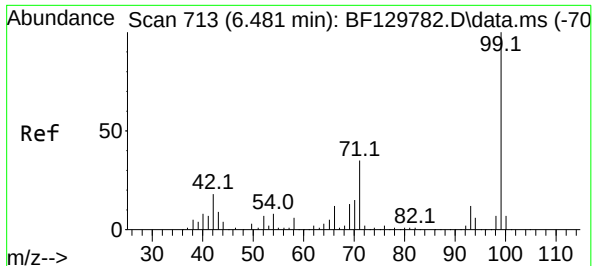


#5
2-Fluorophenol
Concen: 127.738 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54



Tgt Ion:112 Resp: 1413039
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 32.6 24.6 37.0

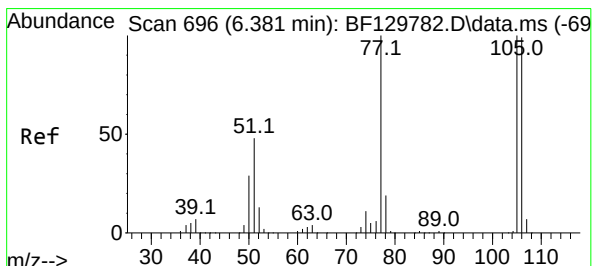
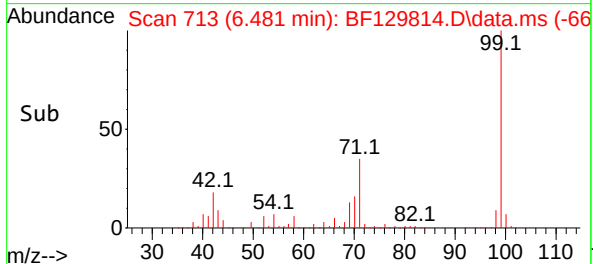
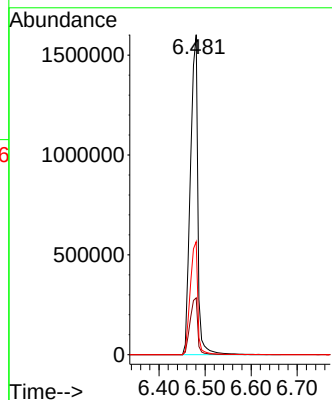
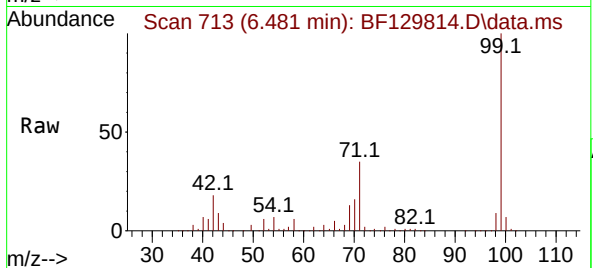




#7
Phenol-d6
Concen: 129.522 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

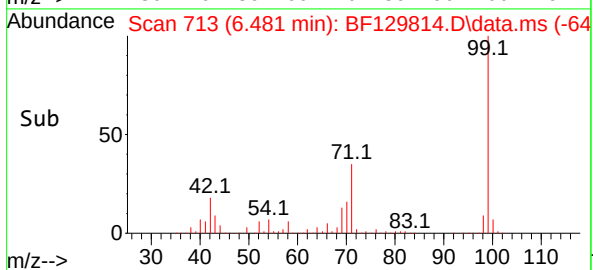
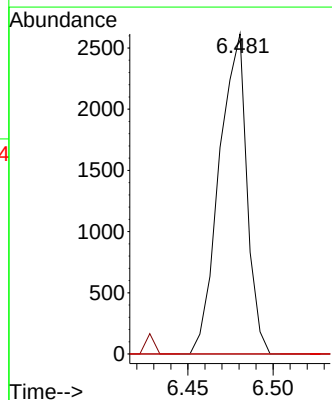
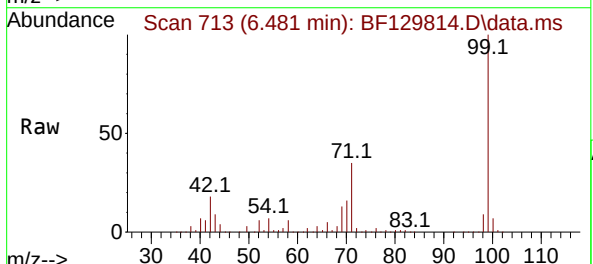
Instrument :
BNA_F
ClientSampleId :
PB146848BL

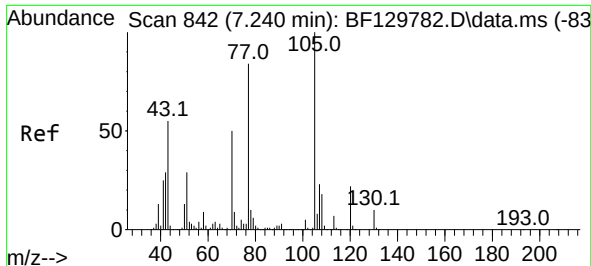
Tgt Ion: 99 Resp: 1794225
Ion Ratio Lower Upper
99 100
42 17.8 15.0 22.4
71 35.3 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.100 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

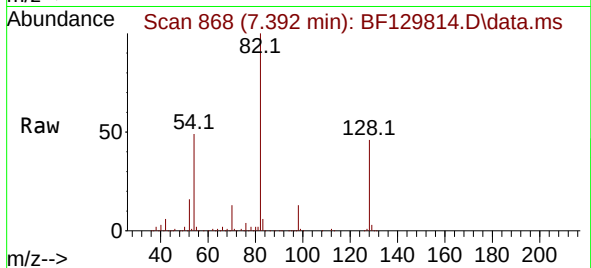
Tgt Ion: 77 Resp: 2948
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#



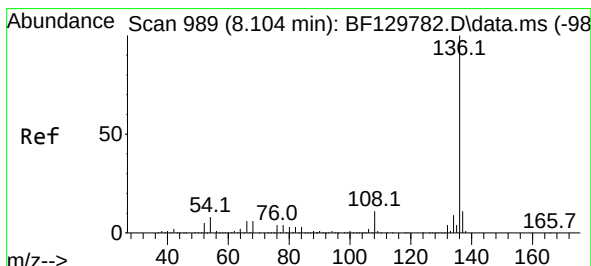
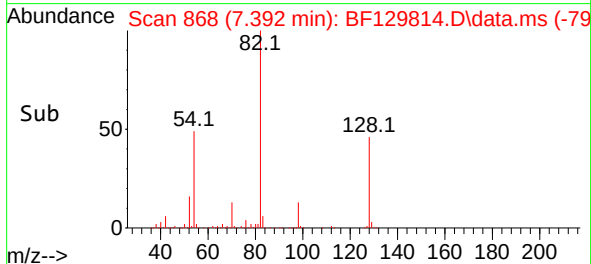
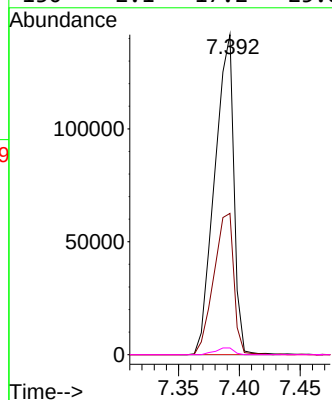


#19
n-Nitroso-di-n-propylamine
Concen: 17.769 ng
RT: 7.392 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

Instrument :
BNA_F
ClientSampleId :
PB146848BL

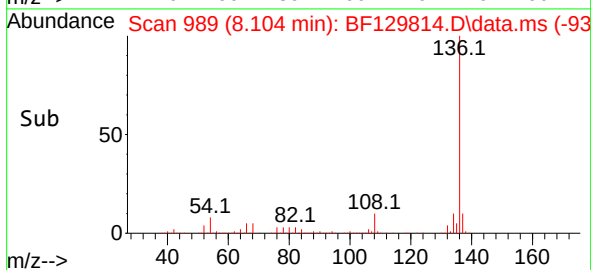
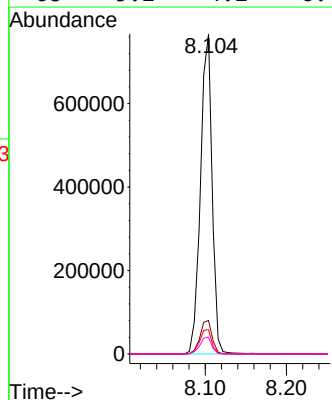
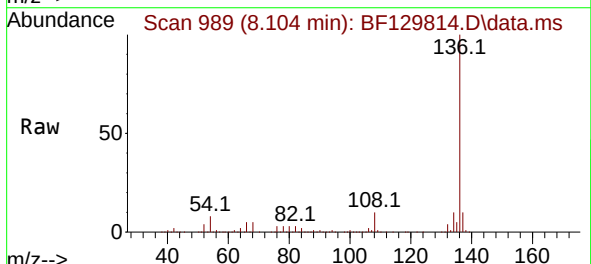


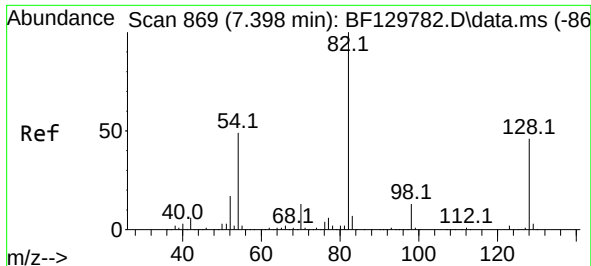
Tgt Ion: 70 Resp: 155591
Ion Ratio Lower Upper
70 100
42 44.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

Tgt Ion: 136 Resp: 764479
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 7.6 6.2 9.2
68 5.2 4.2 6.4

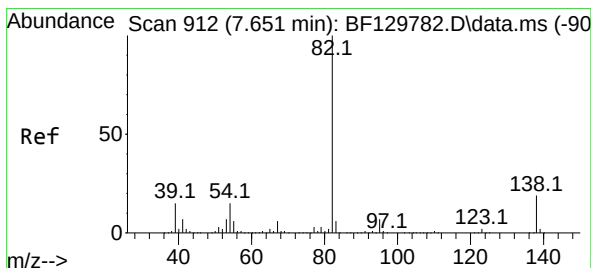
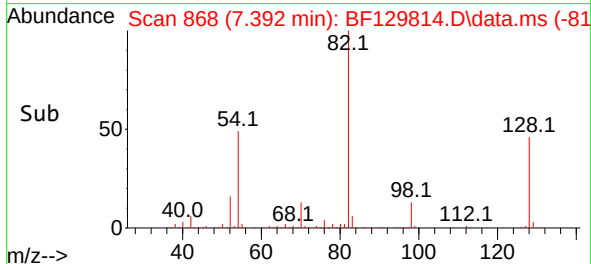
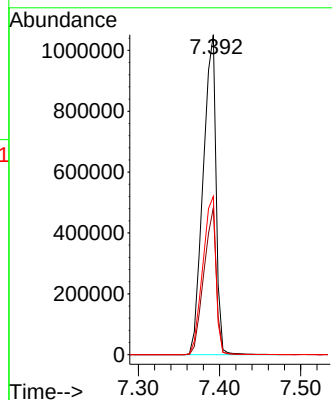
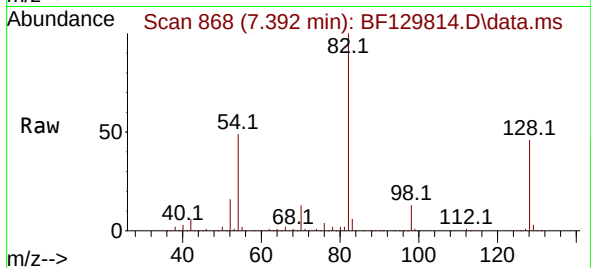




#23
Nitrobenzene-d5
Concen: 81.390 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

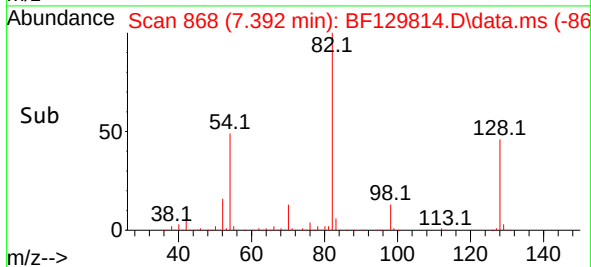
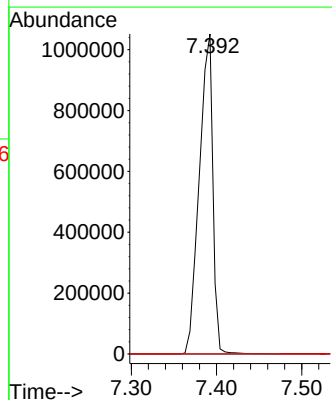
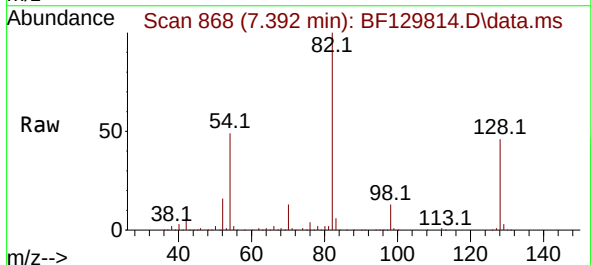
Instrument :
BNA_F
ClientSampleId :
PB146848BL

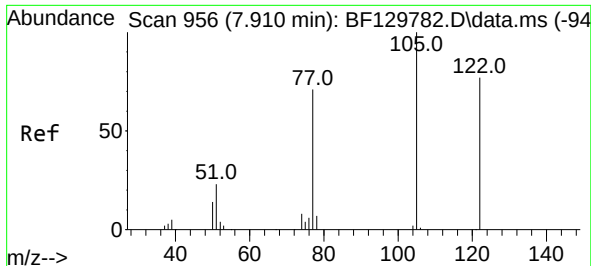
Tgt Ion: 82 Resp: 1162323
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 49.5 40.0 60.0



#25
Isophorone
Concen: 47.288 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.259 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

Tgt Ion: 82 Resp: 1162307
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

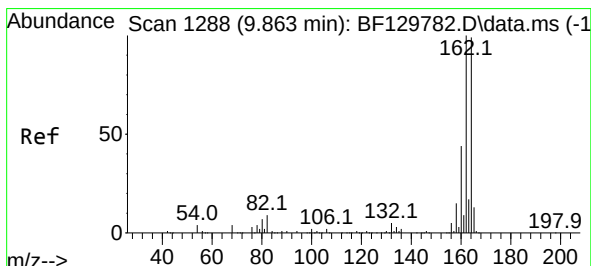
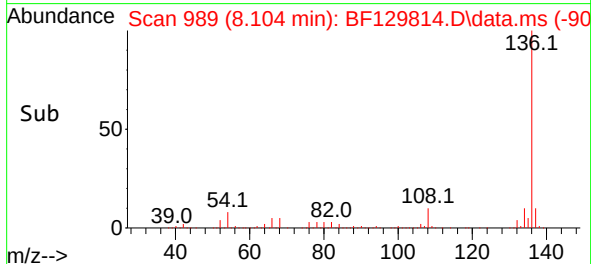
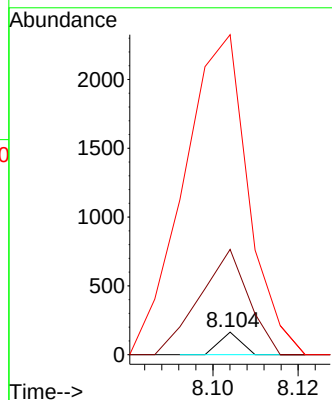
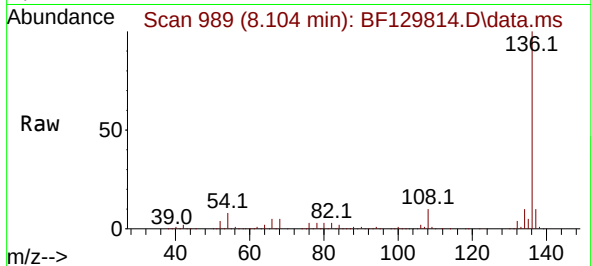




#32
Benzoic acid
Concen: 2.165 ng
RT: 8.104 min Scan# 91
Delta R.T. 0.188 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

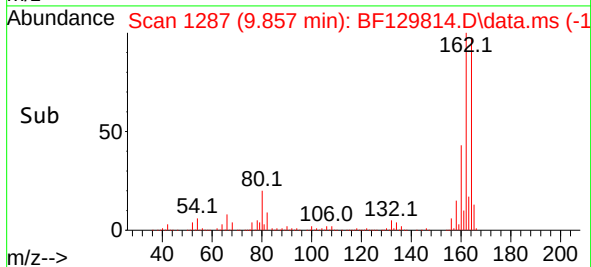
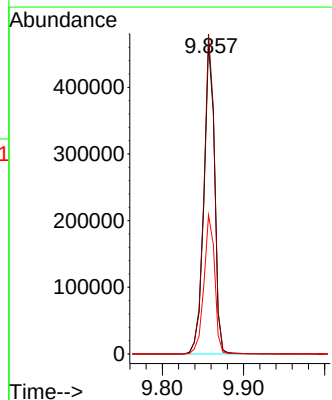
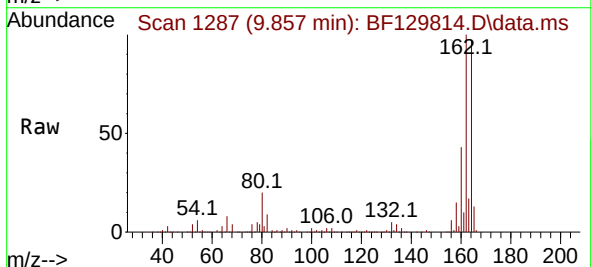
Instrument :
BNA_F
ClientSampleId :
PB146848BL

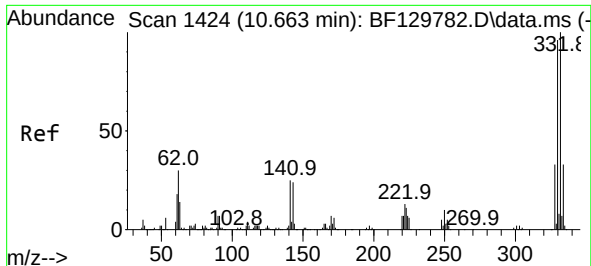
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 466.5 99.9 139.9#
77 1417.7 65.9 105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

Tgt Ion:164 Resp: 424968
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 135.303 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF129814.D

Acq: 16 Aug 2022 16:54

Instrument :

BNA_F

ClientSampleId :

PB146848BL

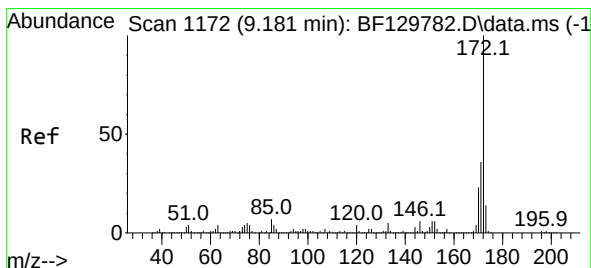
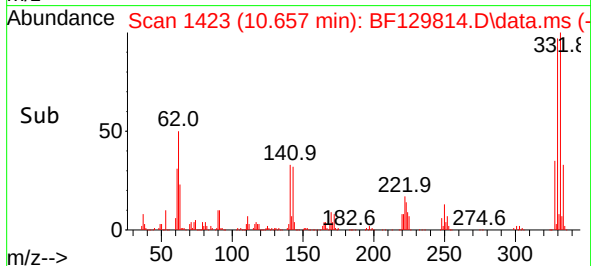
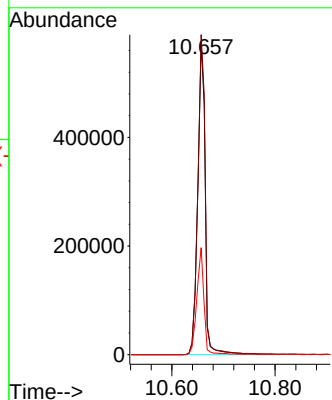
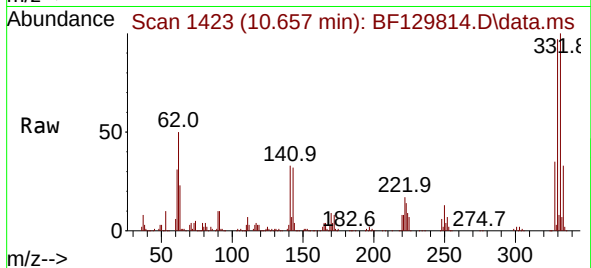
Tgt Ion:330 Resp: 577093

Ion Ratio Lower Upper

330 100

332 102.0 82.6 124.0

141 32.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 77.529 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BF129814.D

Acq: 16 Aug 2022 16:54

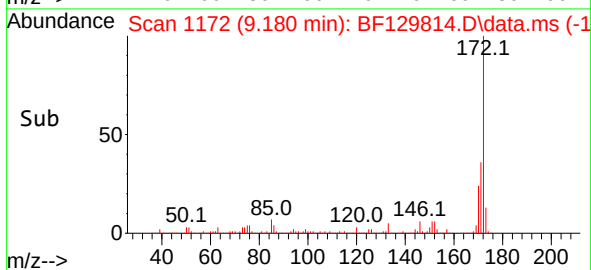
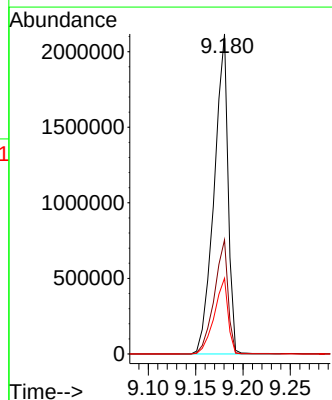
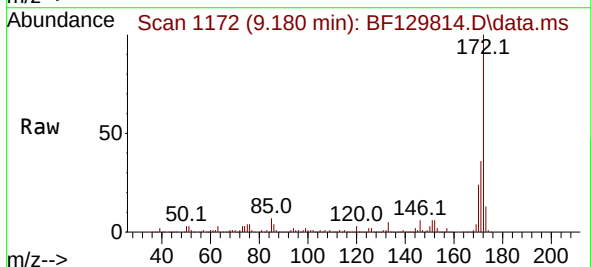
Tgt Ion:172 Resp: 2169307

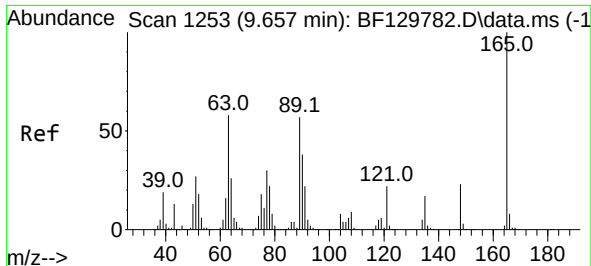
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.1 28.7

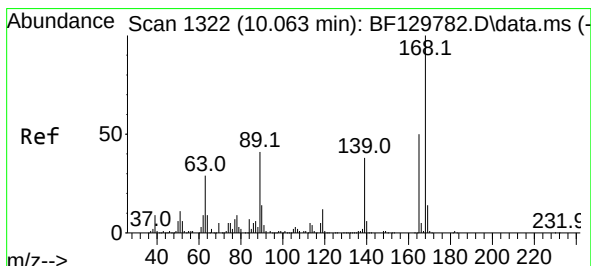
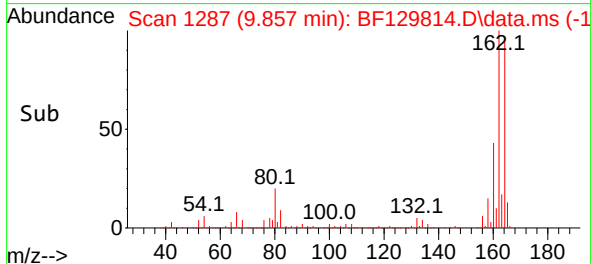
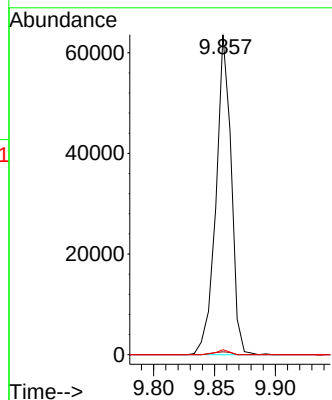
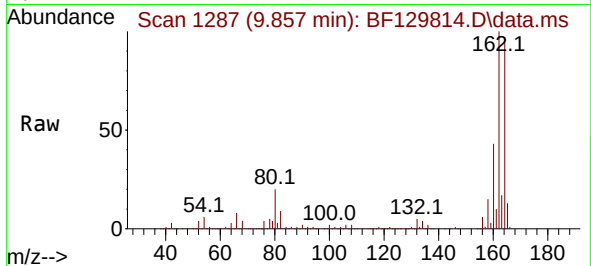




#51
2,6-Dinitrotoluene
Concen: 8.384 ng
RT: 9.857 min Scan# 1287
Delta R.T. 0.200 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

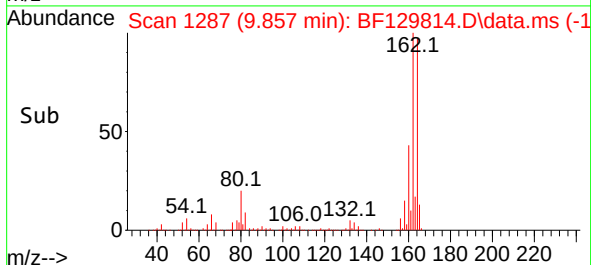
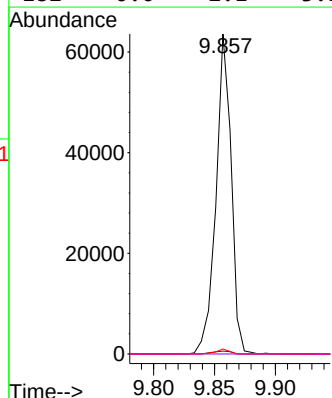
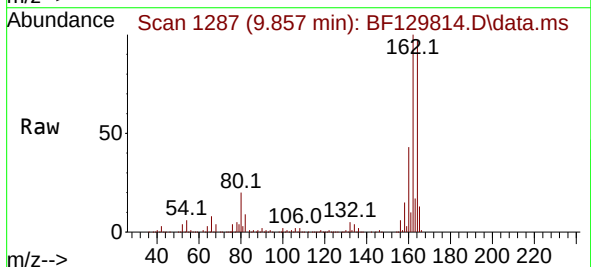
Instrument :
BNA_F
ClientSampleId :
PB146848BL

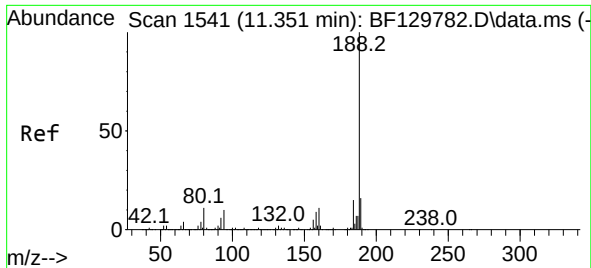
Tgt Ion:165 Resp: 55407
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.6 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.459 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.212 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

Tgt Ion:165 Resp: 55407
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#

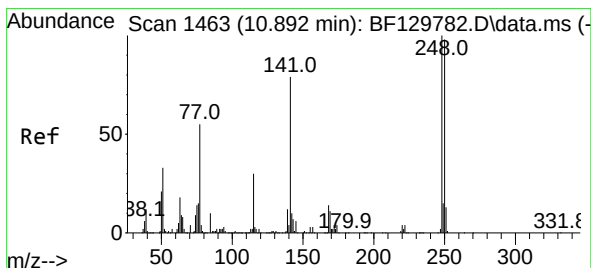
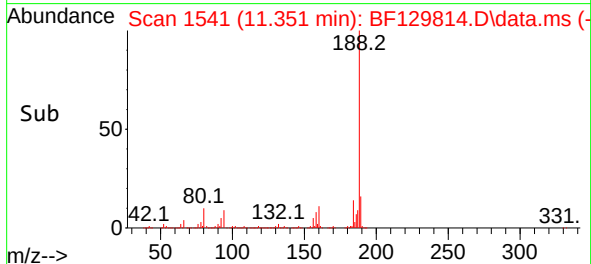
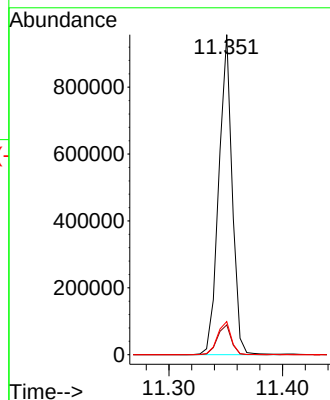
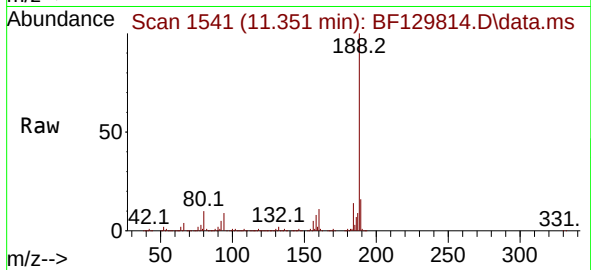




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

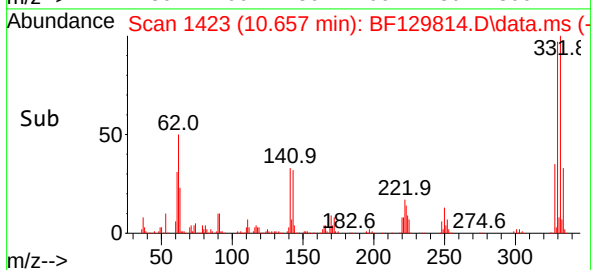
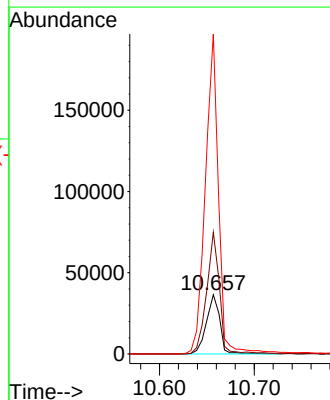
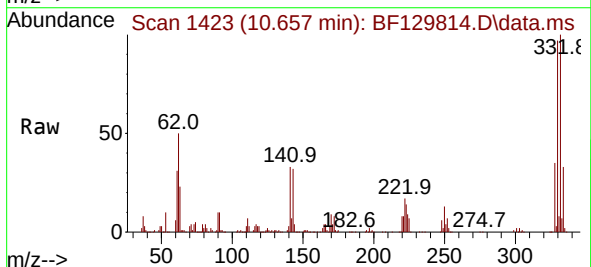
Instrument :
BNA_F
ClientSampleId :
PB146848BL

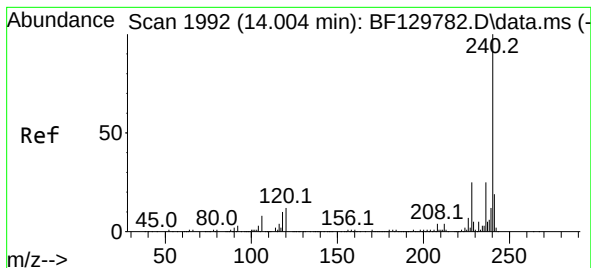
Tgt Ion:188 Resp: 785691
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.889 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.235 min
Lab File: BF129814.D
Acq: 16 Aug 2022 16:54

Tgt Ion:248 Resp: 35791
Ion Ratio Lower Upper
248 100
250 205.6 77.8 116.6#
141 540.6 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF129814.D

Acq: 16 Aug 2022 16:54

Instrument :

BNA_F

ClientSampleId :

PB146848BL

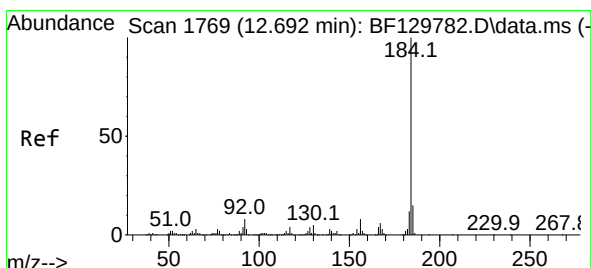
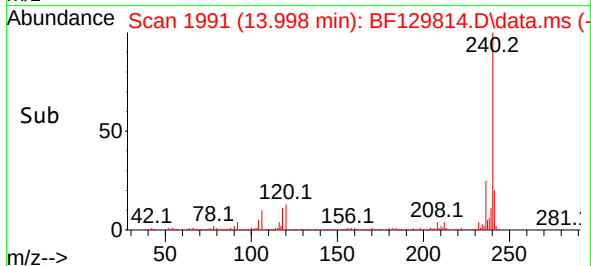
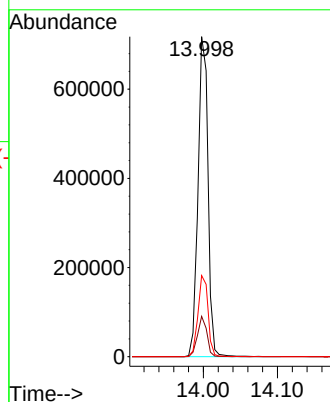
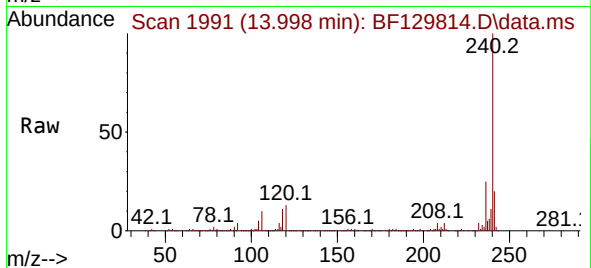
Tgt Ion:240 Resp: 669092

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.4 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.692 min Scan# 1769

Delta R.T. -0.000 min

Lab File: BF129814.D

Acq: 16 Aug 2022 16:54

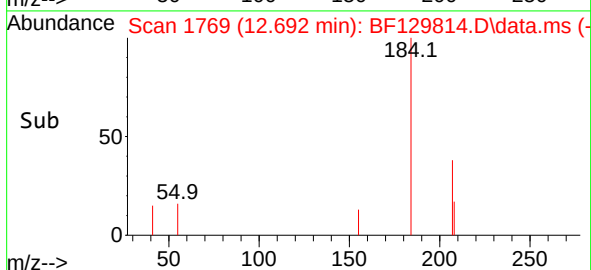
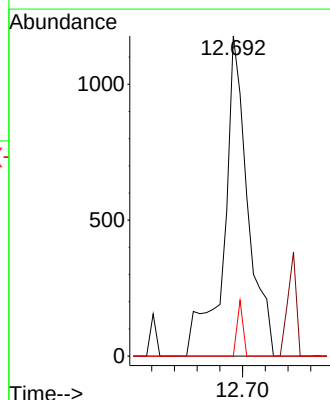
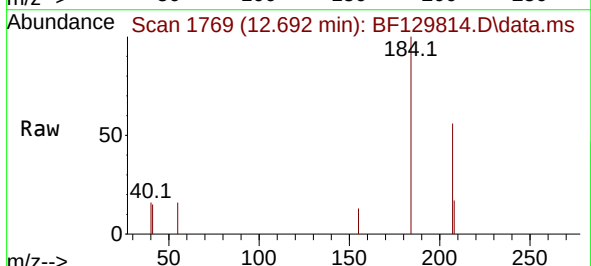
Tgt Ion:184 Resp: 1717

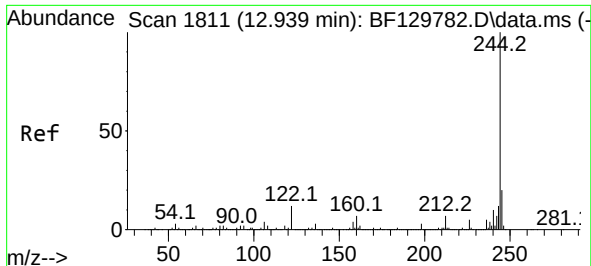
Ion Ratio Lower Upper

184 100

185 0.0 11.4 17.2#

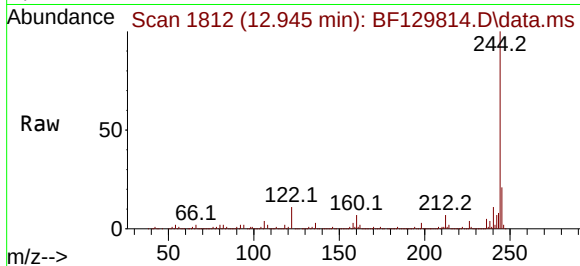
183 0.0 9.4 14.2#



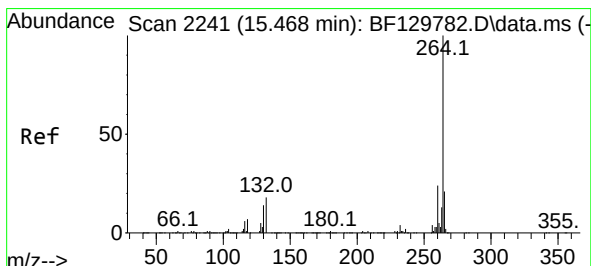
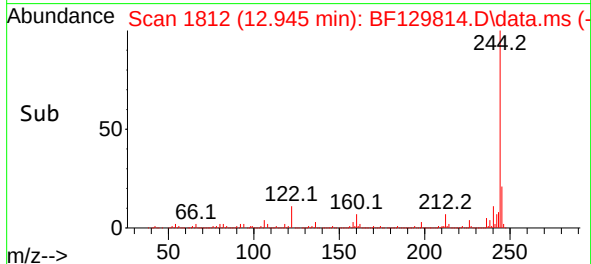
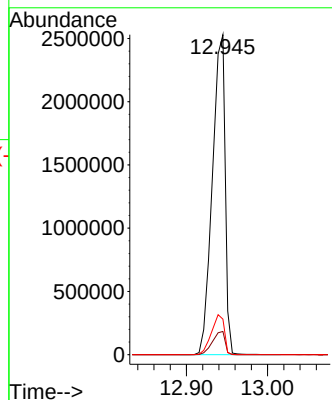


#79
 Terphenyl-d14
 Concen: 68.649 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. 0.006 min
 Lab File: BF129814.D
 Acq: 16 Aug 2022 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB146848BL



Tgt Ion:244 Resp: 2760476
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF129814.D
 Acq: 16 Aug 2022 16:54

Tgt Ion:264 Resp: 591214
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.9 16.7 25.1

