

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129565.D
 Acq On : 04 Aug 2022 11:22
 Operator : CG\JU
 Sample : PB146695BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146695BL

Quant Time: Aug 05 02:07:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

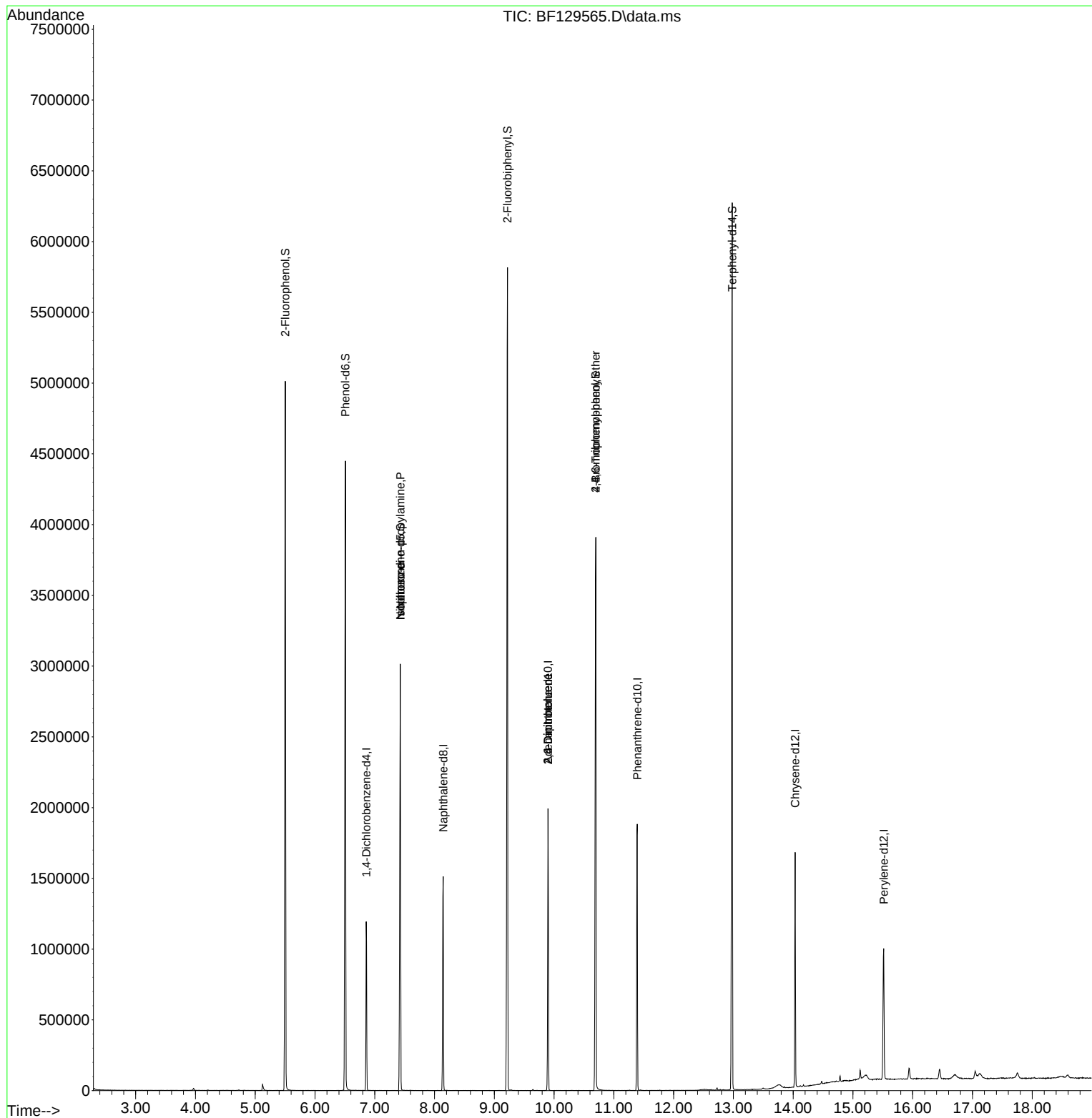
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	173394	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	715508	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	391813	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	690881	20.000	ng	0.00
76) Chrysene-d12	14.033	240	504879	20.000	ng	0.00
86) Perylene-d12	15.515	264	398196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1301642	122.286	ng	0.01
7) Phenol-d6	6.510	99	1643512	122.841	ng	0.00
23) Nitrobenzene-d5	7.428	82	1071561	81.753	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	493044	130.885	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1957946	77.303	ng	0.00
79) Terphenyl-d14	12.980	244	2296684	85.820	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	142716	17.620	ng	# 74
25) Isophorone	7.428	82	1056584	44.971	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	51053	8.433	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	51053	6.455	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	31713	4.192	ng	# 1

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

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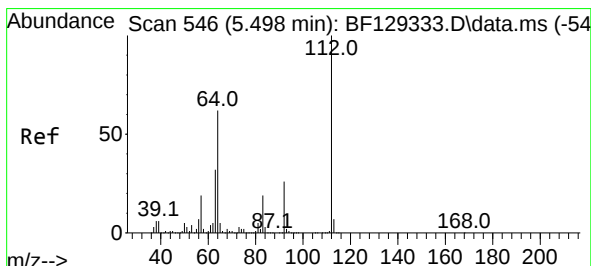
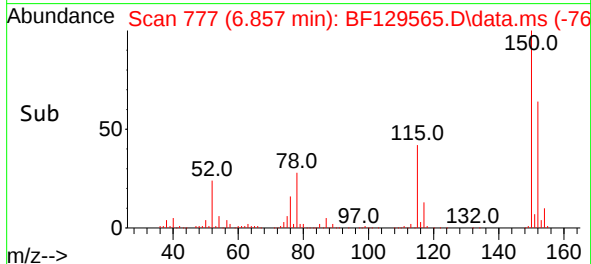
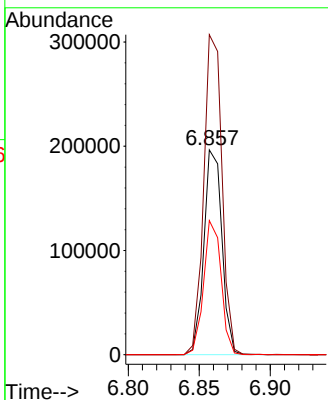
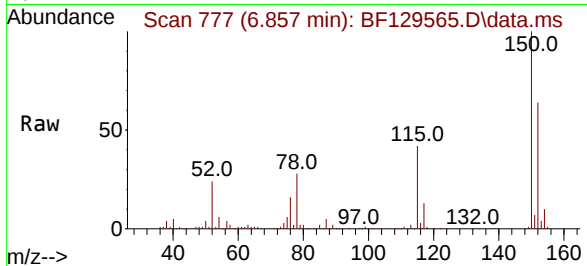




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129565.D
 Acq: 04 Aug 2022 11:22

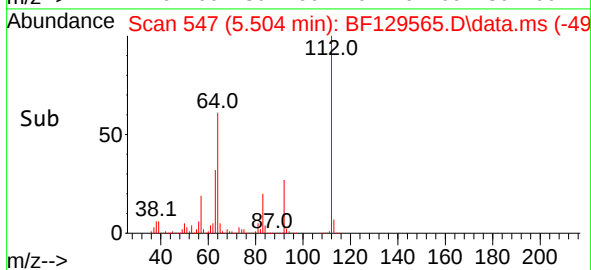
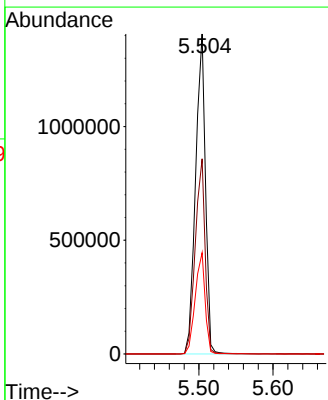
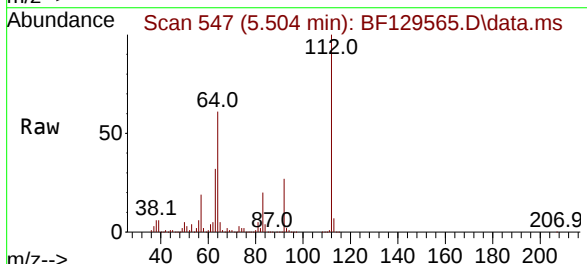
Instrument :
 BNA_F
 ClientSampleId :
 PB146695BL

Tgt Ion:152 Resp: 173394
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 65.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 122.286 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.012 min
 Lab File: BF129565.D
 Acq: 04 Aug 2022 11:22

Tgt Ion:112 Resp: 1301642
 Ion Ratio Lower Upper
 112 100
 64 61.0 53.3 79.9
 63 31.7 28.0 42.0

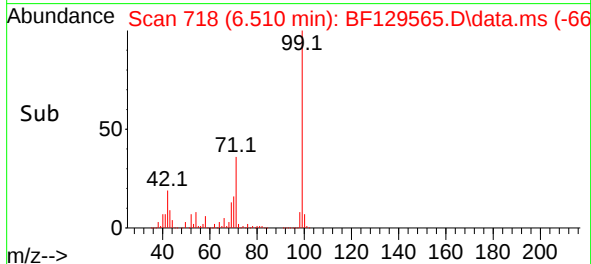
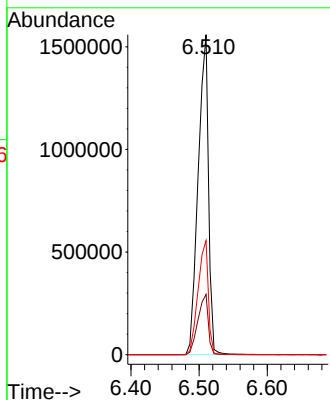
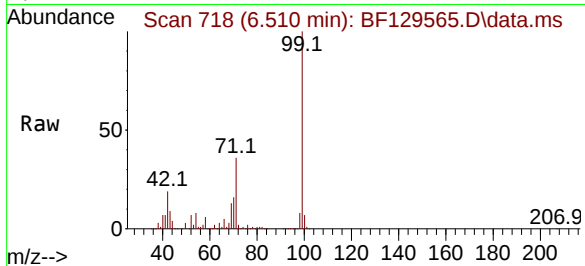




#7
Phenol-d6
Concen: 122.841 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

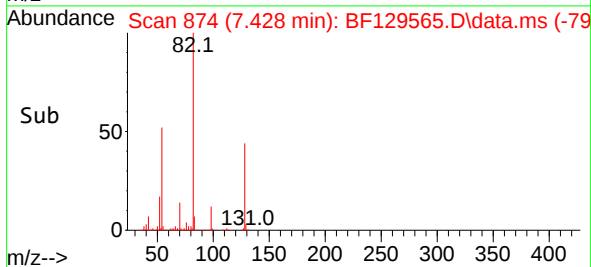
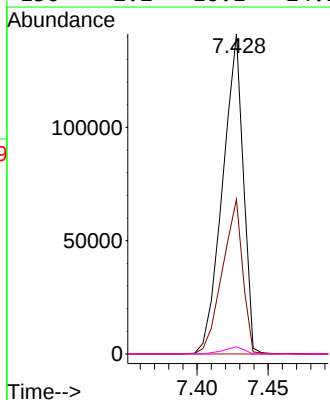
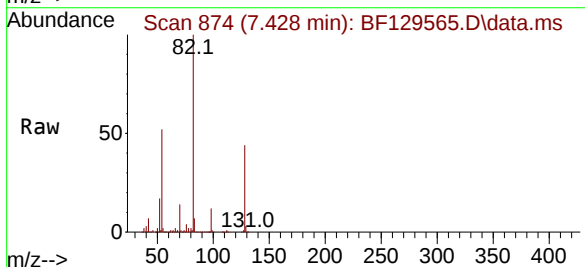
Instrument :
BNA_F
ClientSampleId :
PB146695BL

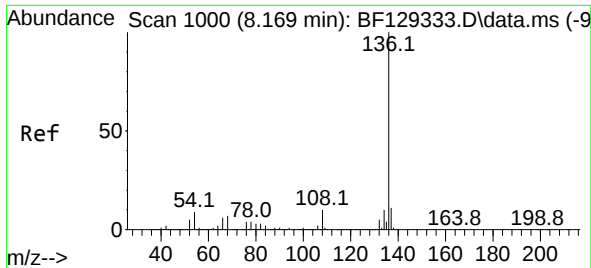
Tgt Ion: 99 Resp: 1643512
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.620 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.147 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

Tgt Ion: 70 Resp: 142716
Ion Ratio Lower Upper
70 100
42 48.3 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



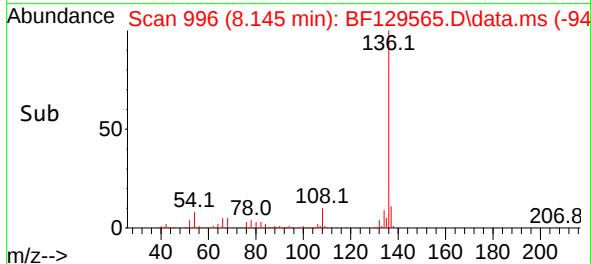
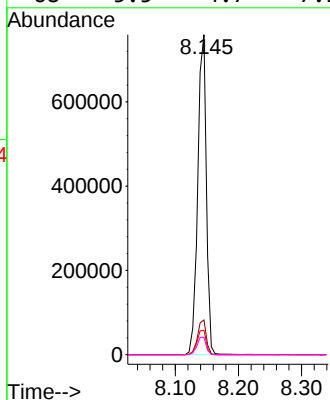
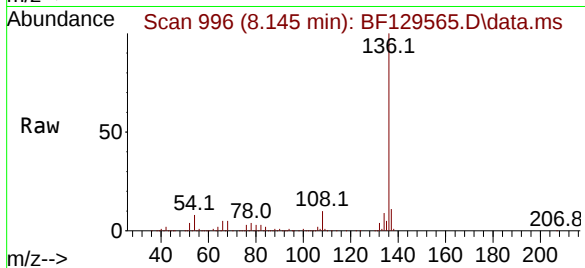


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB146695BL

Tgt Ion:136 Resp: 715508

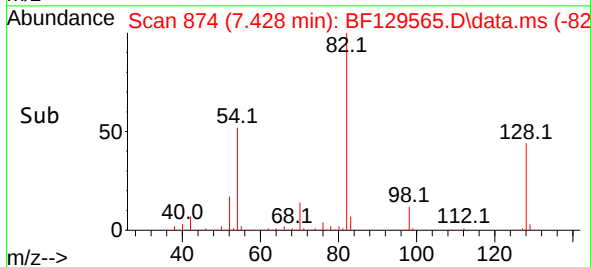
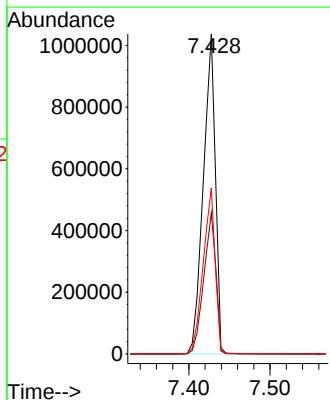
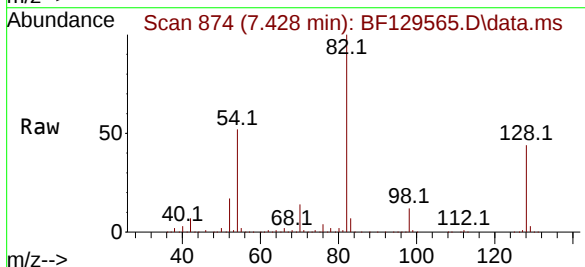
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.6	7.5	11.3
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 81.753 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

Tgt Ion: 82 Resp: 1071561

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	51.8	46.9	70.3

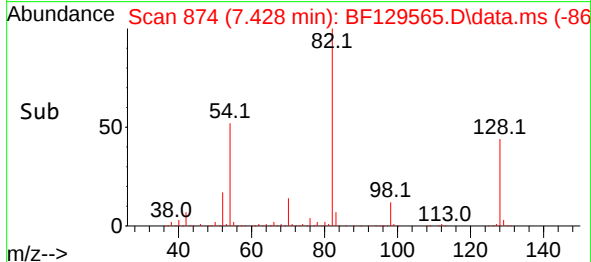
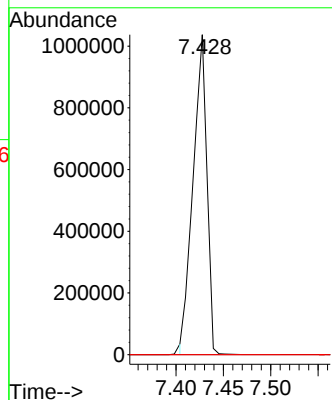
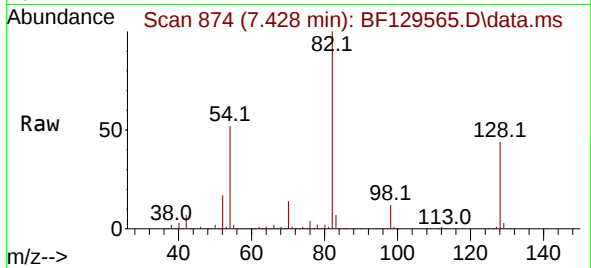




#25
Isophorone
Concen: 44.971 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

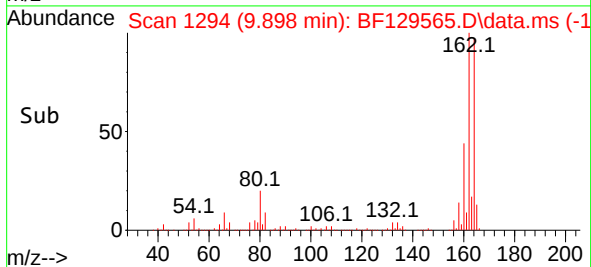
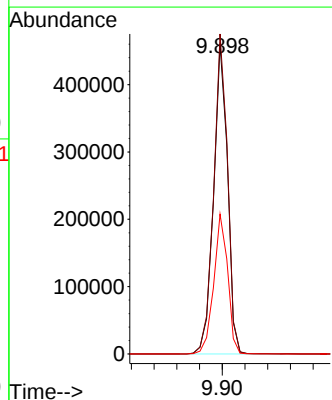
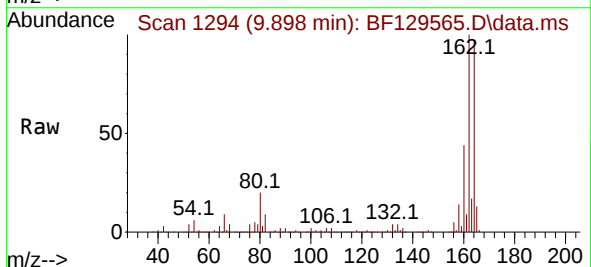
Instrument :
BNA_F
ClientSampleId :
PB146695BL

Tgt Ion: 82 Resp: 1056584
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

Tgt Ion:164 Resp: 391813
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.885 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF129565.D

Acq: 04 Aug 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB146695BL

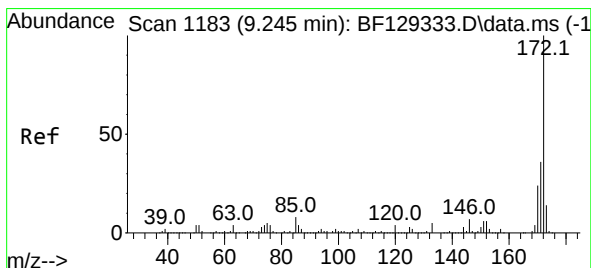
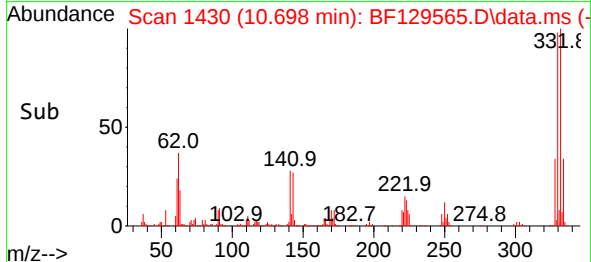
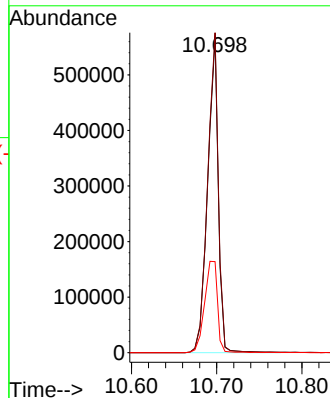
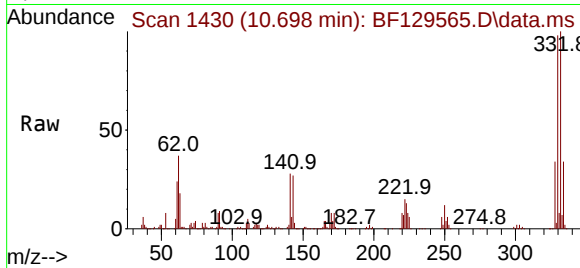
Tgt Ion:330 Resp: 493044

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.303 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF129565.D

Acq: 04 Aug 2022 11:22

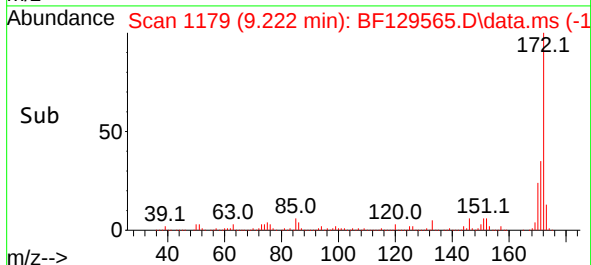
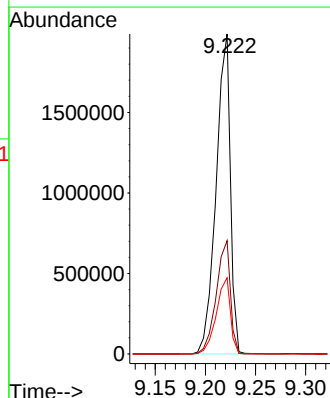
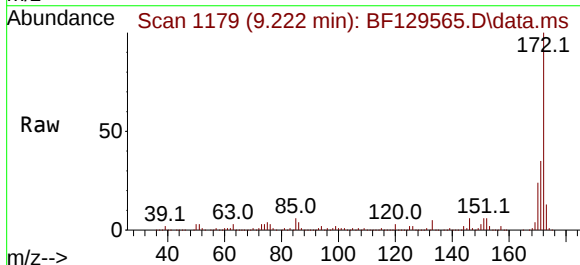
Tgt Ion:172 Resp: 1957946

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.433 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF129565.D

Acq: 04 Aug 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB146695BL

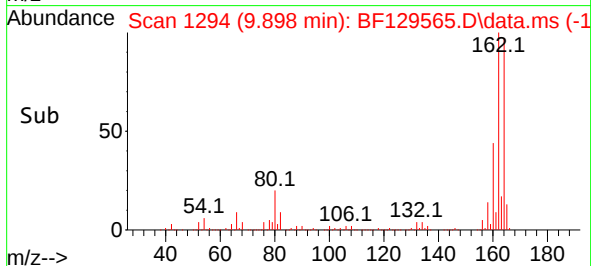
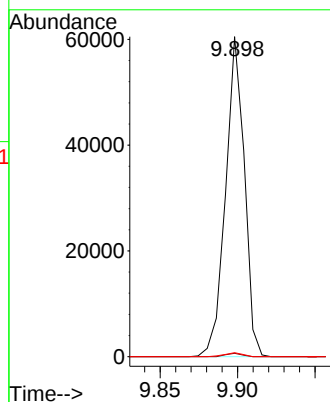
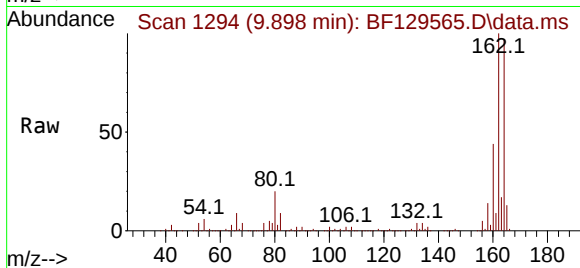
Tgt Ion:165 Resp: 51053

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.455 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129565.D

Acq: 04 Aug 2022 11:22

Tgt Ion:165 Resp: 51053

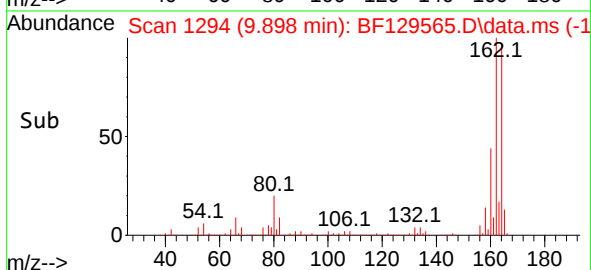
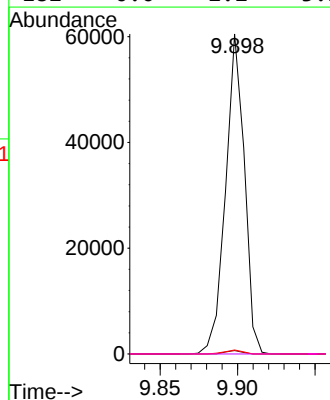
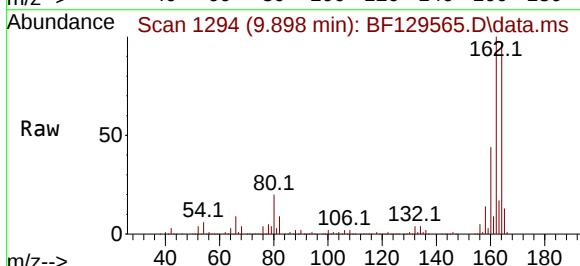
Ion Ratio Lower Upper

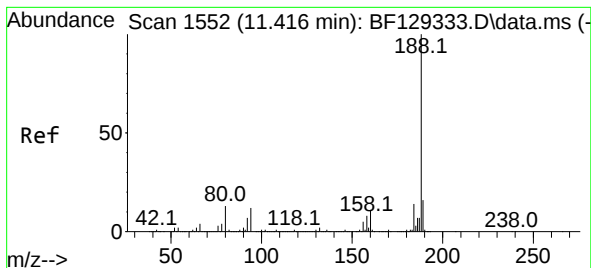
165 100

63 1.0 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129565.D

Acq: 04 Aug 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB146695BL

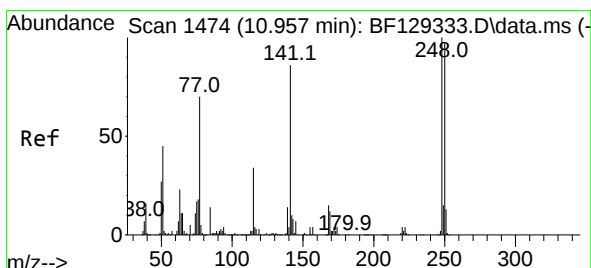
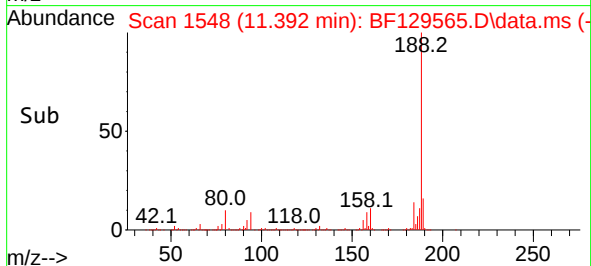
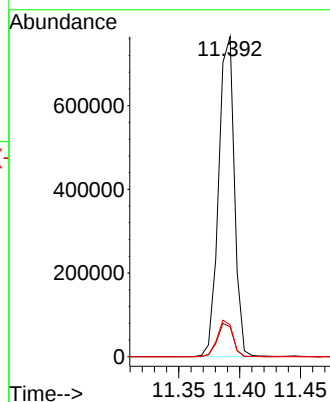
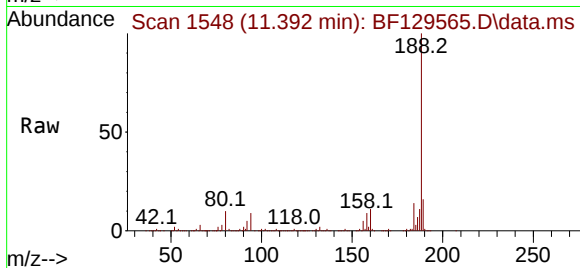
Tgt Ion:188 Resp: 690881

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 9.9 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.192 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.235 min

Lab File: BF129565.D

Acq: 04 Aug 2022 11:22

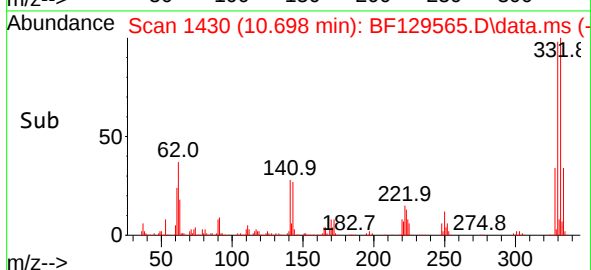
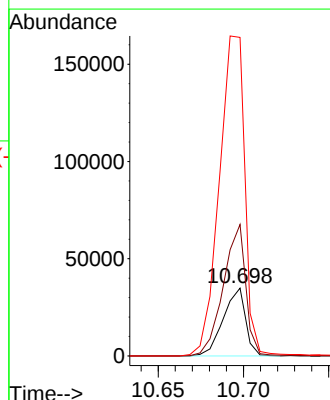
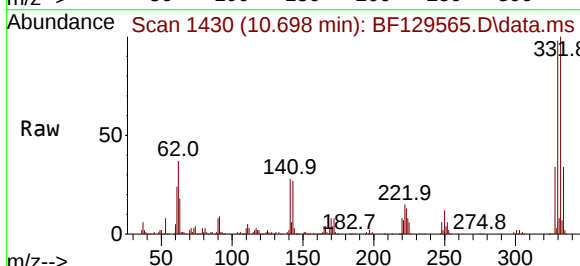
Tgt Ion:248 Resp: 31713

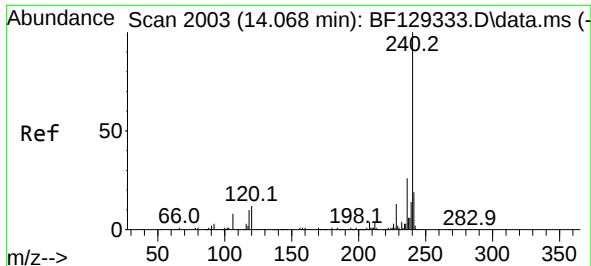
Ion Ratio Lower Upper

248 100

250 193.6 80.6 120.8#

141 469.1 58.9 88.3#

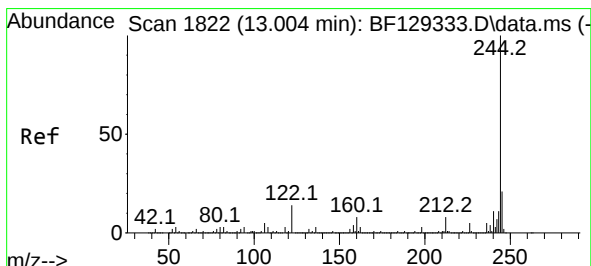
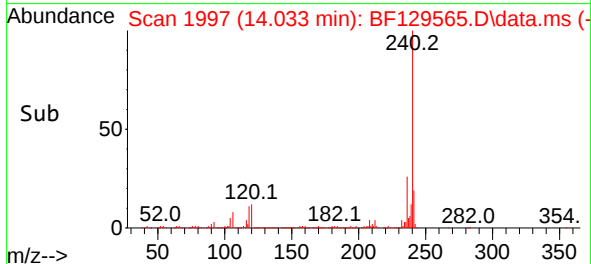
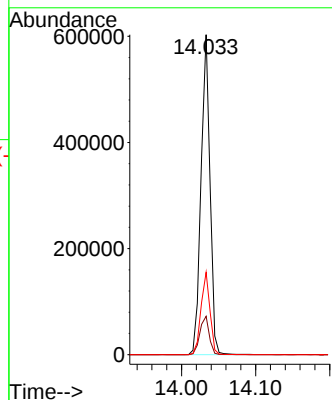
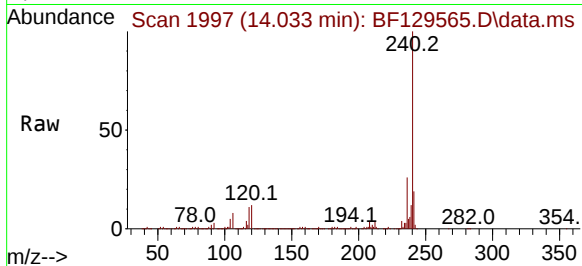




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

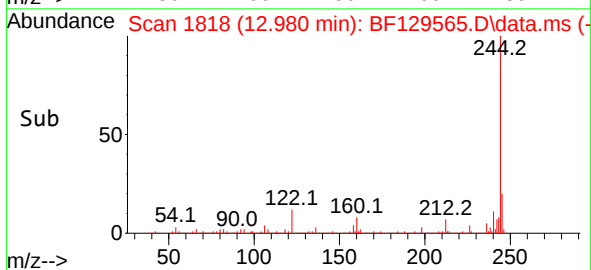
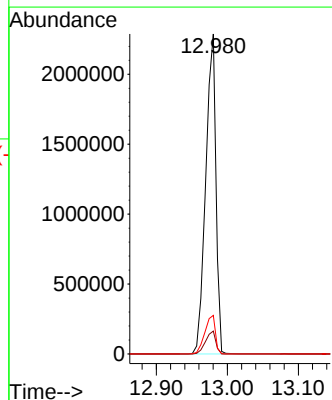
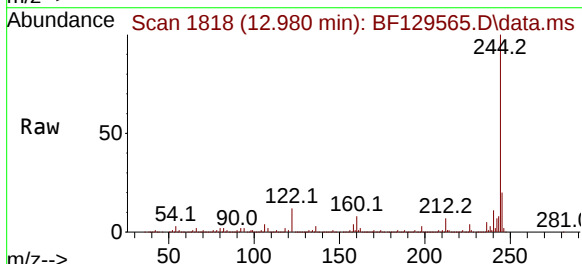
Instrument :
BNA_F
ClientSampleId :
PB146695BL

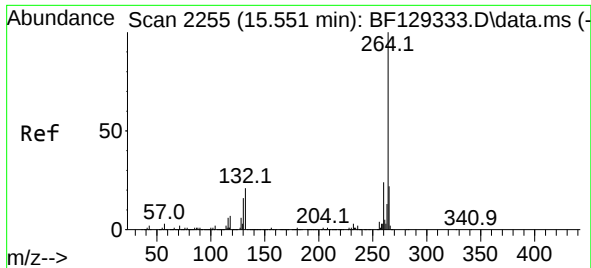
Tgt Ion:240 Resp: 504879
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 85.820 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

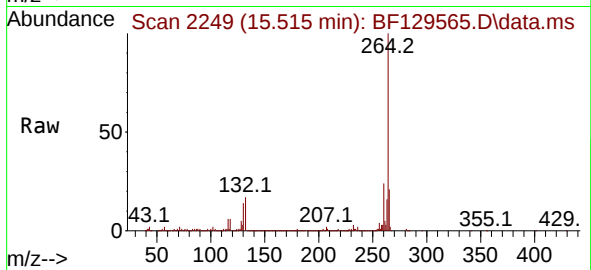
Tgt Ion:244 Resp: 2296684
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129565.D
Acq: 04 Aug 2022 11:22

Instrument :
BNA_F
ClientSampleId :
PB146695BL



Tgt Ion:264 Resp: 398196
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 20.9 17.2 25.8

