

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129539.D
 Acq On : 03 Aug 2022 14:19
 Operator : CG\JU
 Sample : N3998-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Aug 03 16:38:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

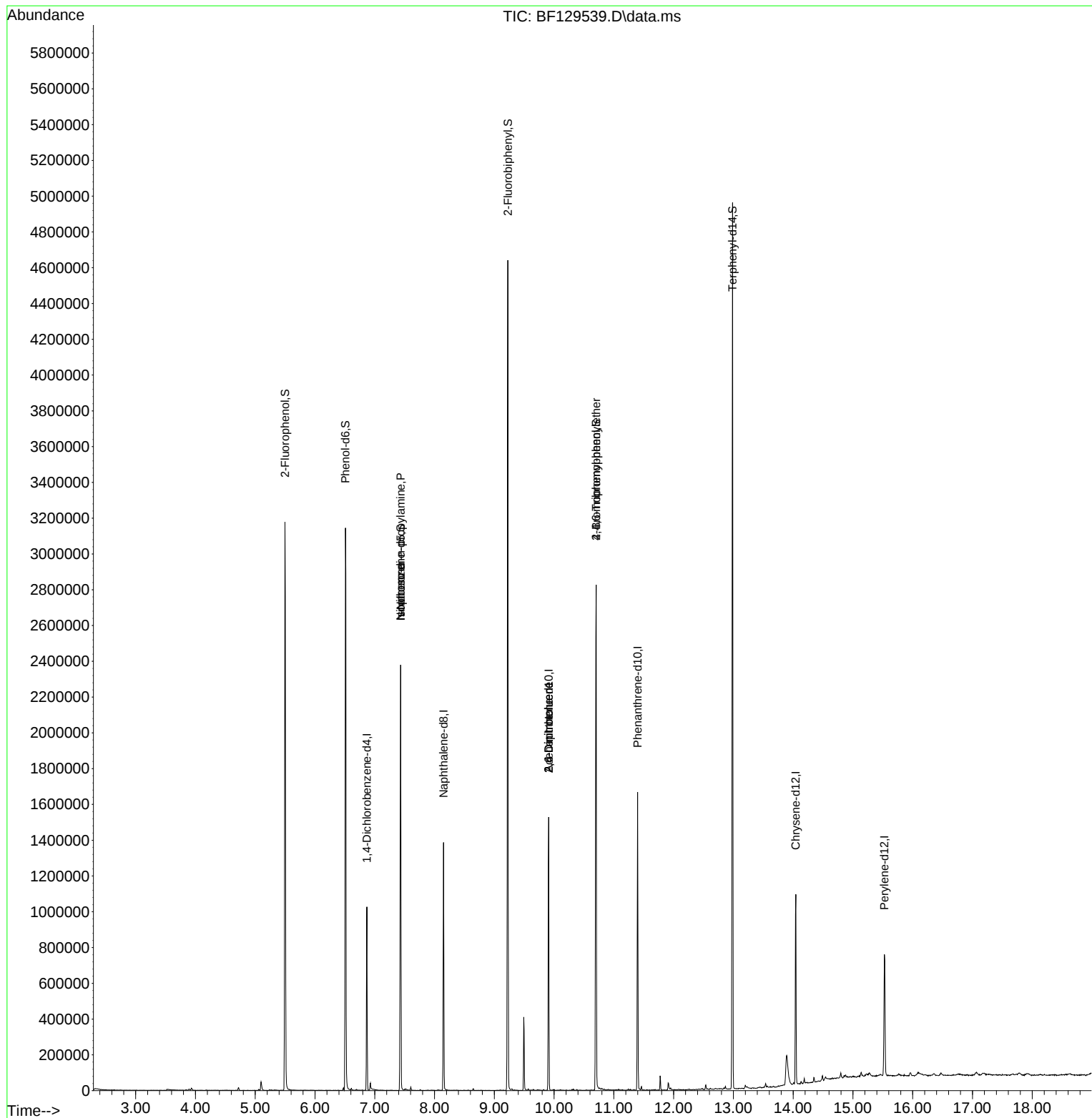
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	136894	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	547620	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	299425	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	532900	20.000	ng	0.00
76) Chrysene-d12	14.045	240	355248	20.000	ng	0.00
86) Perylene-d12	15.527	264	313545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	875605	104.194	ng	0.00
7) Phenol-d6	6.510	99	1109496	105.038	ng	-0.01
23) Nitrobenzene-d5	7.434	82	690628	68.844	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	326664	113.474	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1309735	67.666	ng	0.00
79) Terphenyl-d14	12.986	244	1560883	82.892	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	89426	13.985	ng	# 74
25) Isophorone	7.434	82	690618	38.406	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	39295	8.494	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	39295	6.502	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	20848	3.573	ng	# 1

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

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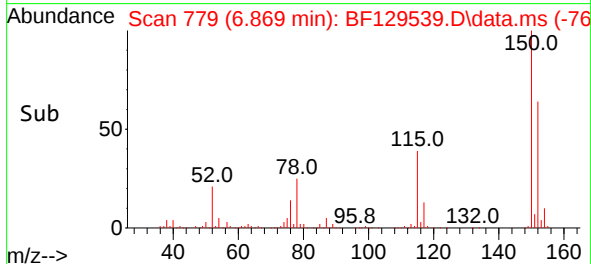
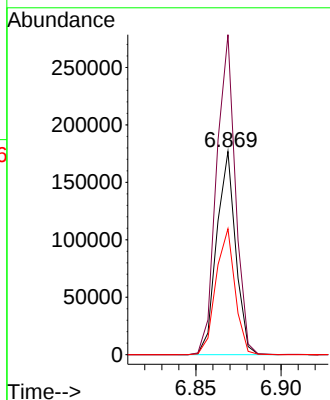
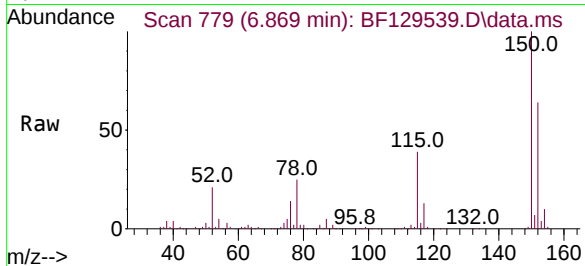




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129539.D
 Acq: 03 Aug 2022 14:19

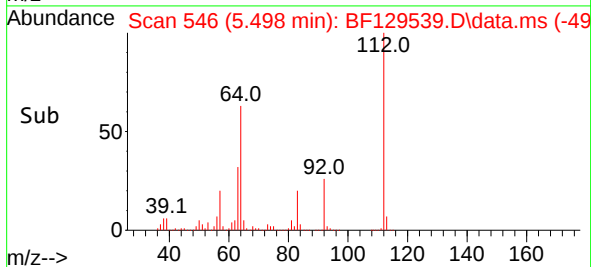
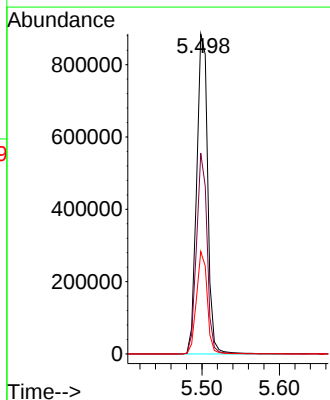
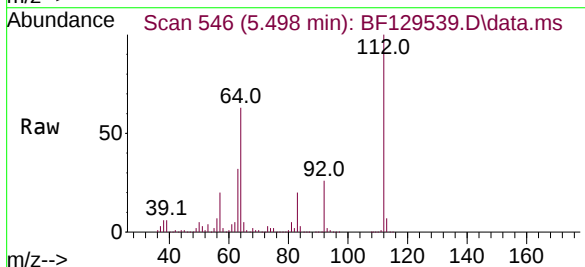
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:152 Resp: 136894
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.7 185.5
 115 62.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 104.194 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.006 min
 Lab File: BF129539.D
 Acq: 03 Aug 2022 14:19

Tgt Ion:112 Resp: 875605
 Ion Ratio Lower Upper
 112 100
 64 62.8 53.3 79.9
 63 32.0 28.0 42.0

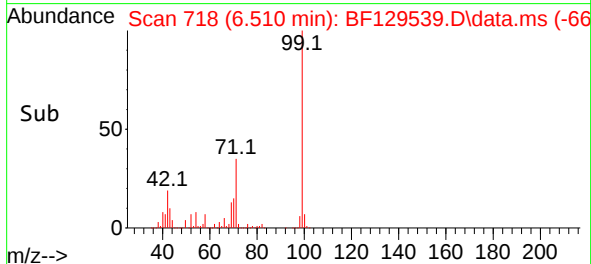
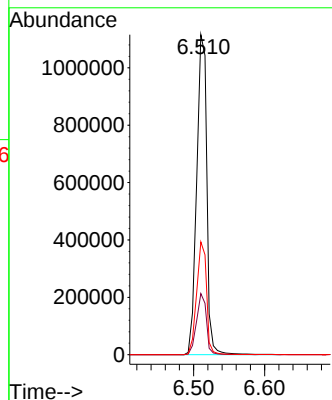
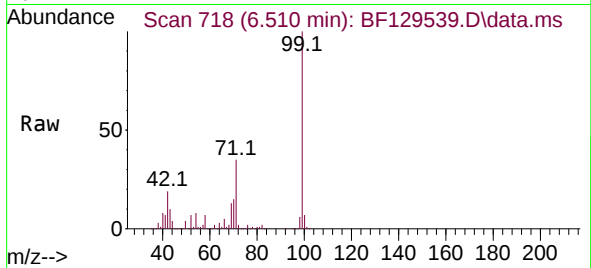




#7
Phenol-d6
Concen: 105.038 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

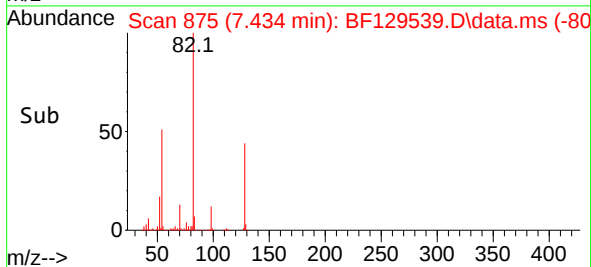
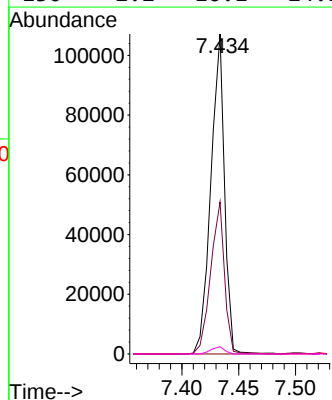
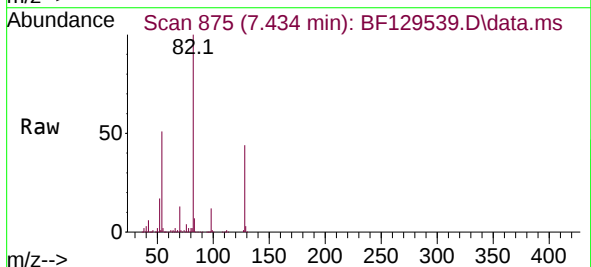
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 99 Resp: 1109496
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.985 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

Tgt Ion: 70 Resp: 89426
Ion Ratio Lower Upper
70 100
42 47.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

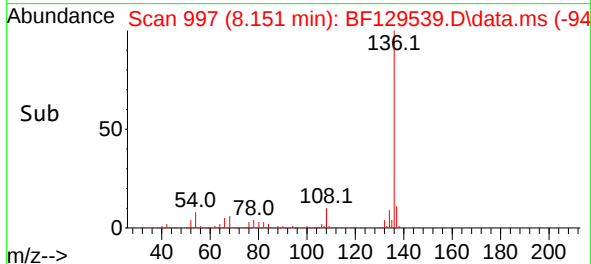
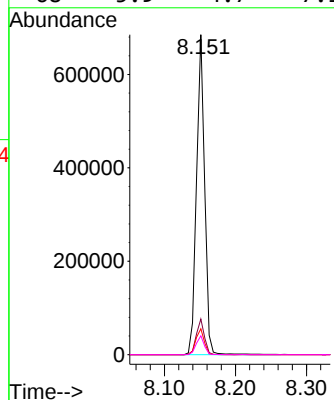
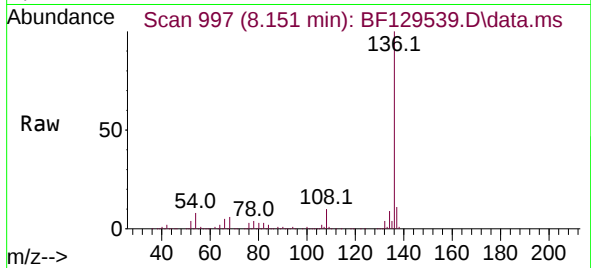




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

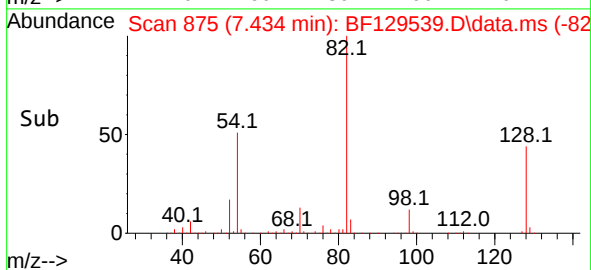
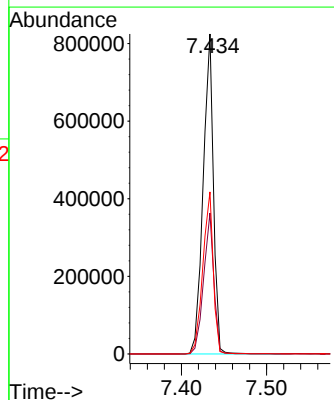
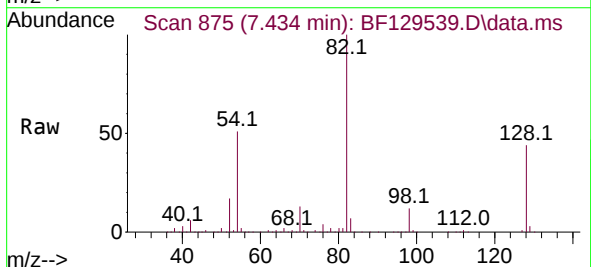
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:136 Resp: 547620
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 68.844 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

Tgt Ion: 82 Resp: 690628
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 50.7 46.9 70.3

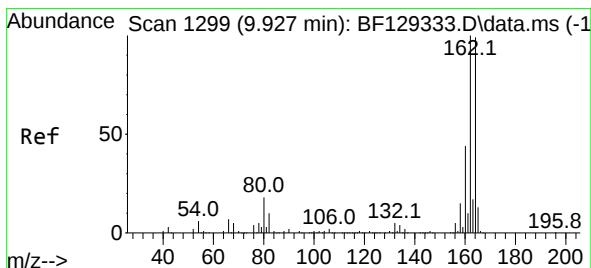
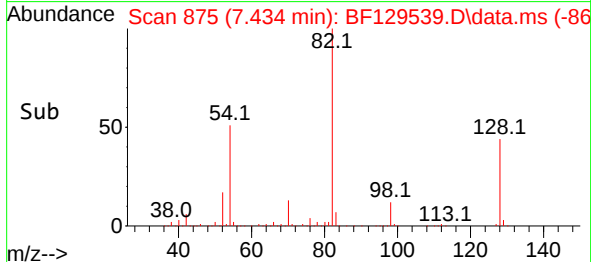
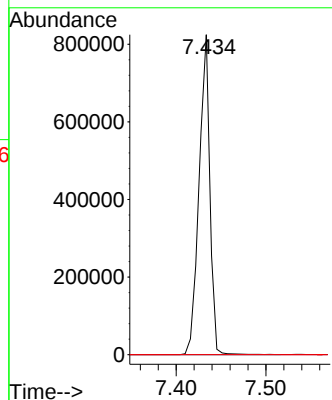
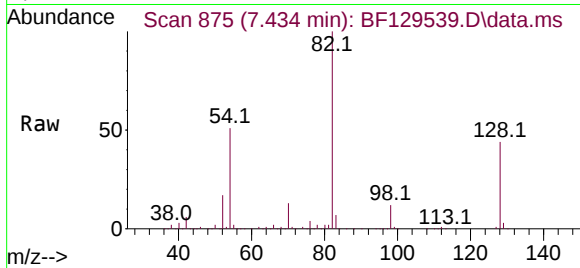




#25
Isophorone
Concen: 38.406 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

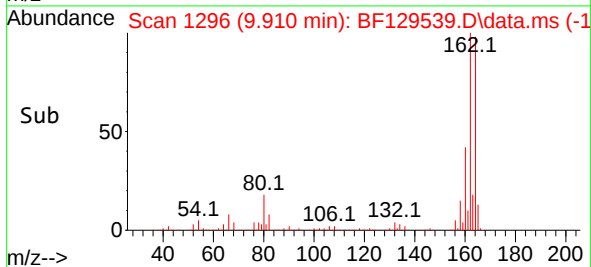
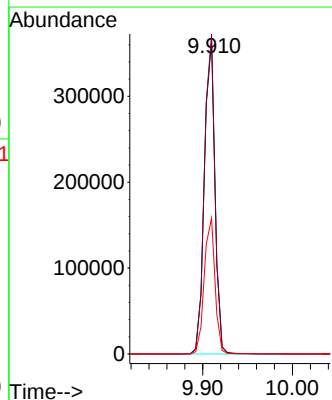
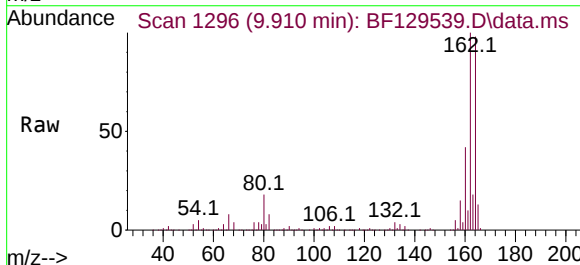
Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 82 Resp: 690618
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: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

Tgt Ion: 164 Resp: 299425
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 43.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 113.474 ng

RT: 10.704 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129539.D

Acq: 03 Aug 2022 14:19

Instrument :

BNA_F

ClientSampleId :

SB-2

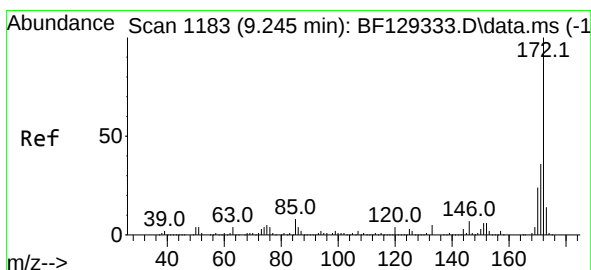
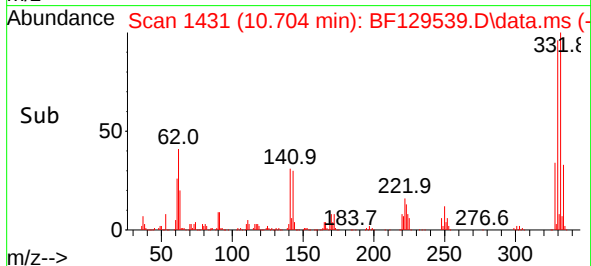
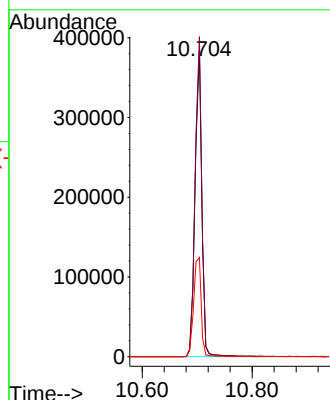
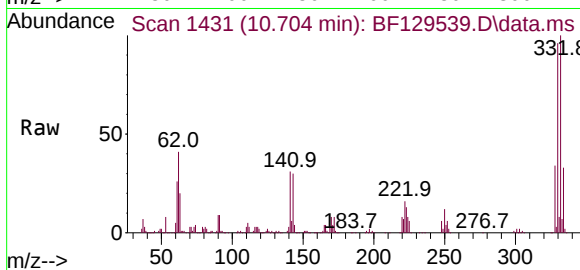
Tgt Ion:330 Resp: 326664

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 36.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.666 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF129539.D

Acq: 03 Aug 2022 14:19

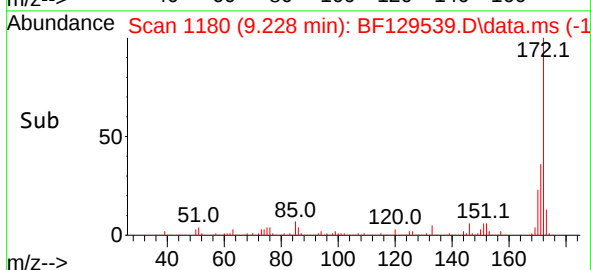
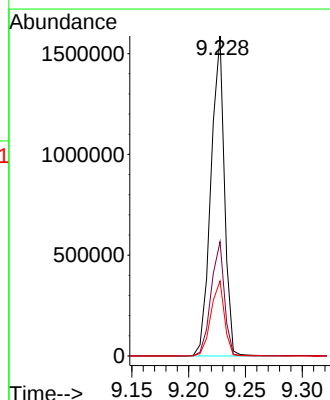
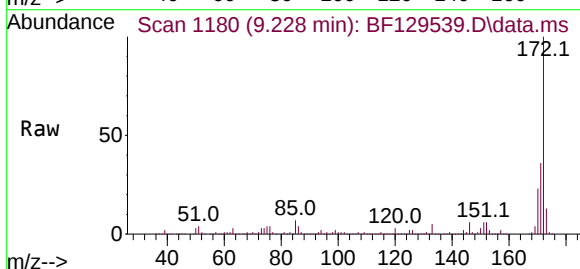
Tgt Ion:172 Resp: 1309735

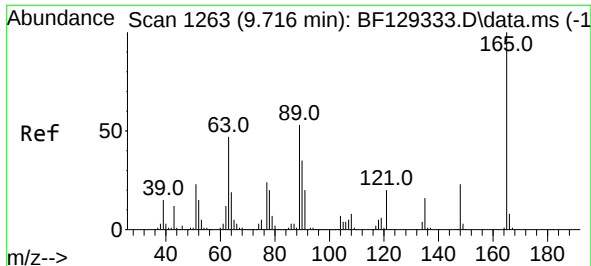
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.5 19.8 29.8

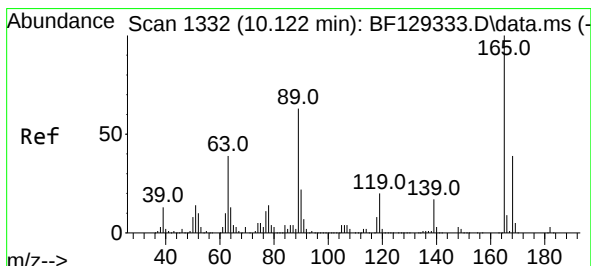
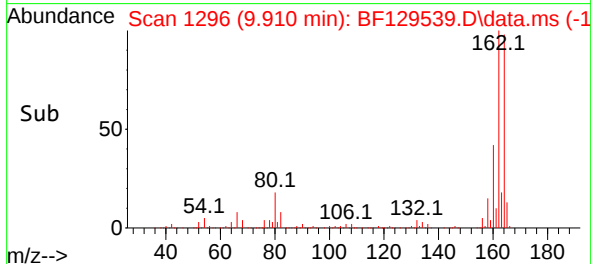
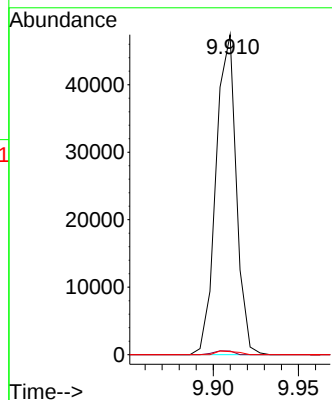
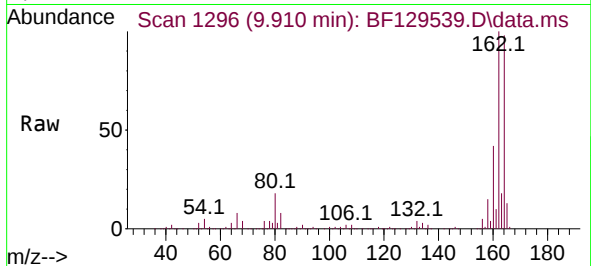




#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

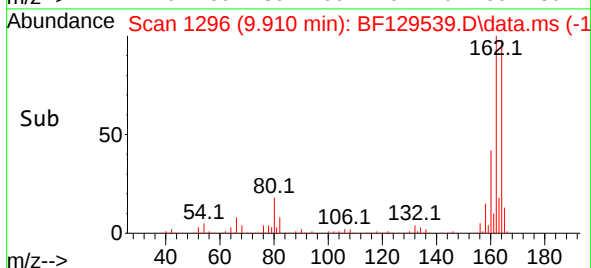
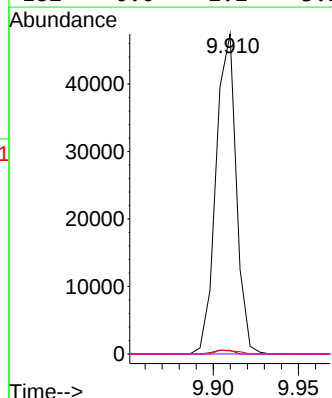
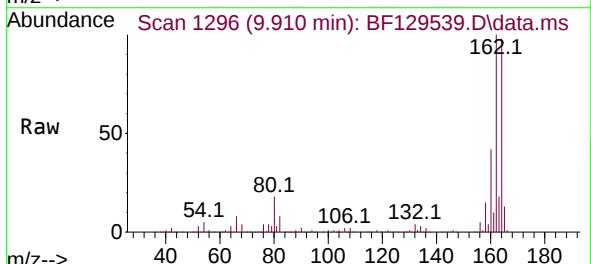
Instrument :
BNA_F
ClientSampleId :
SB-2

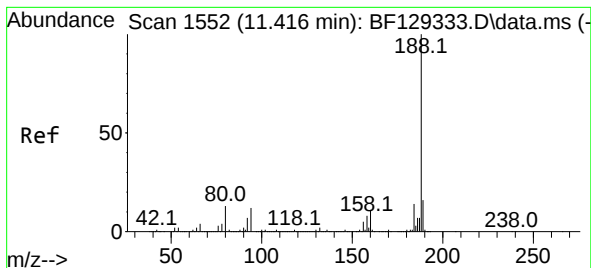
Tgt Ion:165 Resp: 39295
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

Tgt Ion:165 Resp: 39295
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129539.D

Acq: 03 Aug 2022 14:19

Instrument :

BNA_F

ClientSampleId :

SB-2

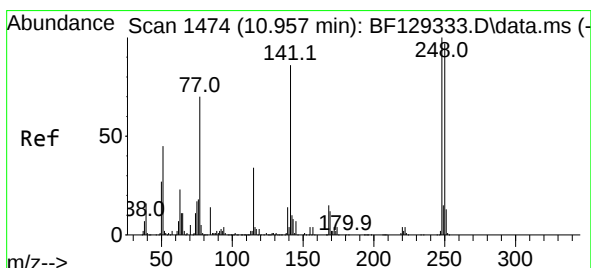
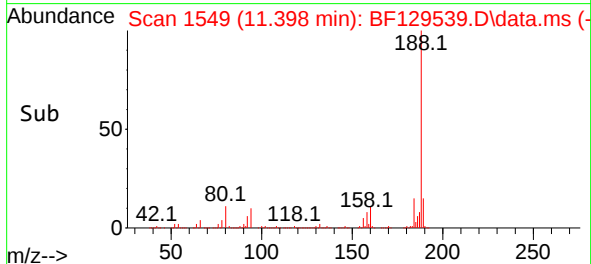
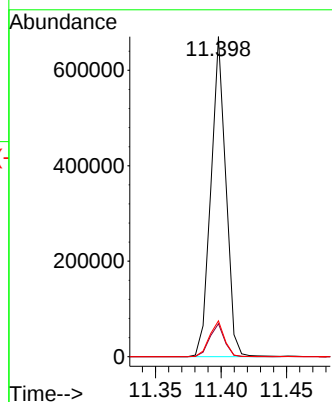
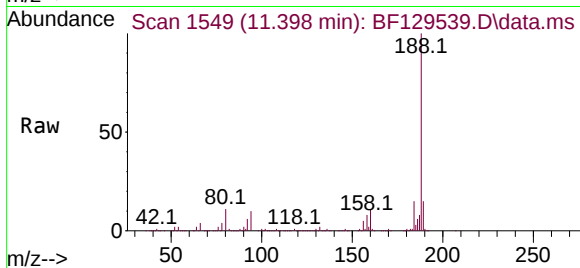
Tgt Ion:188 Resp: 532900

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 11.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.573 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF129539.D

Acq: 03 Aug 2022 14:19

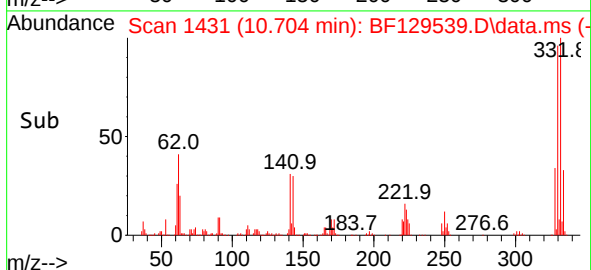
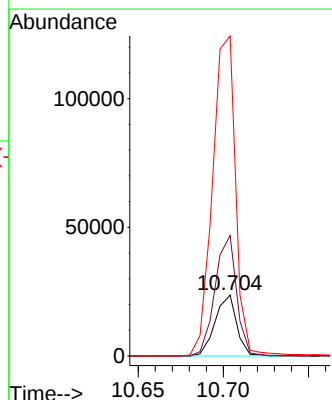
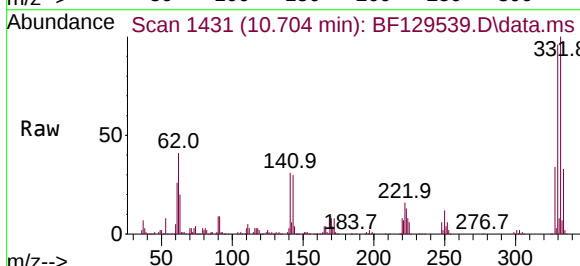
Tgt Ion:248 Resp: 20848

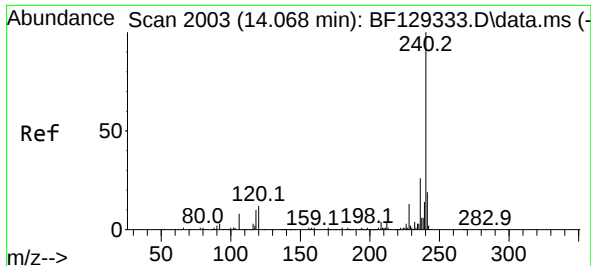
Ion Ratio Lower Upper

248 100

250 198.0 80.6 120.8#

141 525.7 58.9 88.3#

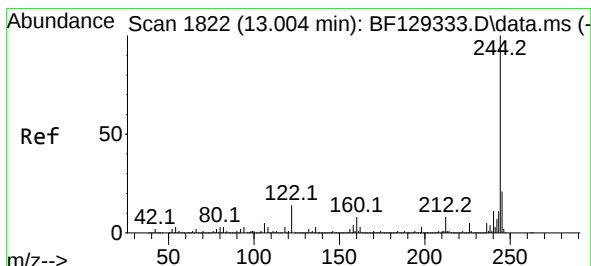
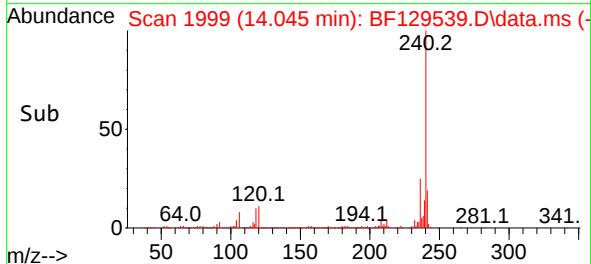
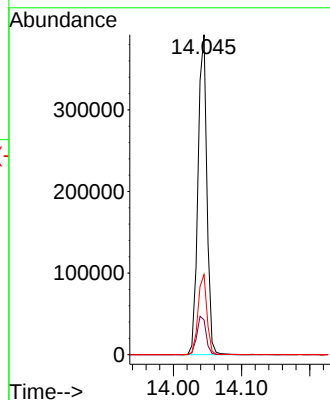
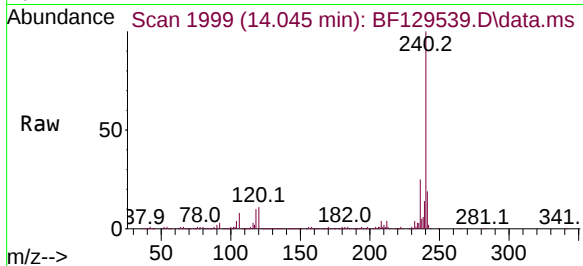




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

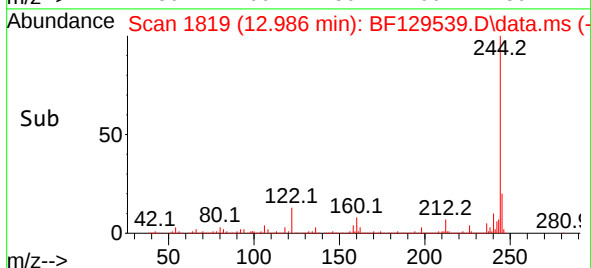
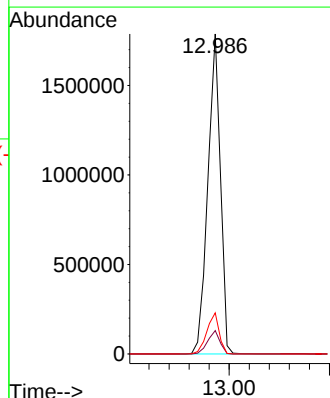
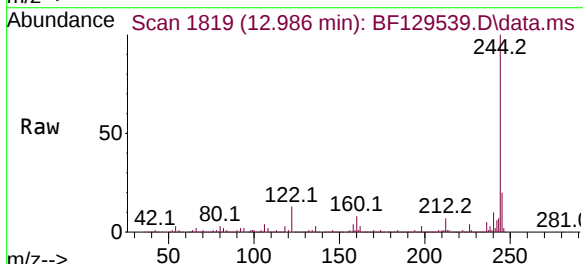
Instrument :
BNA_F
ClientSampleId :
SB-2

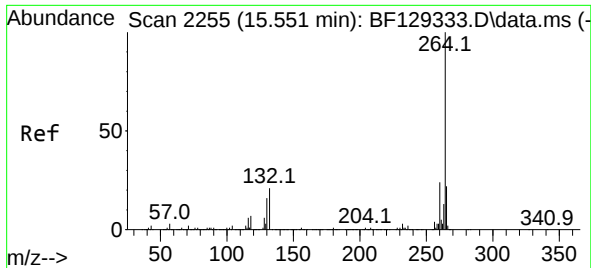
Tgt Ion:240 Resp: 355248
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 82.892 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

Tgt Ion:244 Resp: 1560883
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129539.D
Acq: 03 Aug 2022 14:19

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion:264 Resp: 313545
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 20.8 17.2 25.8

