

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129480.D
 Acq On : 01 Aug 2022 18:51
 Operator : CG\JU
 Sample : N3896-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-65

Quant Time: Aug 02 01:17:20 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)

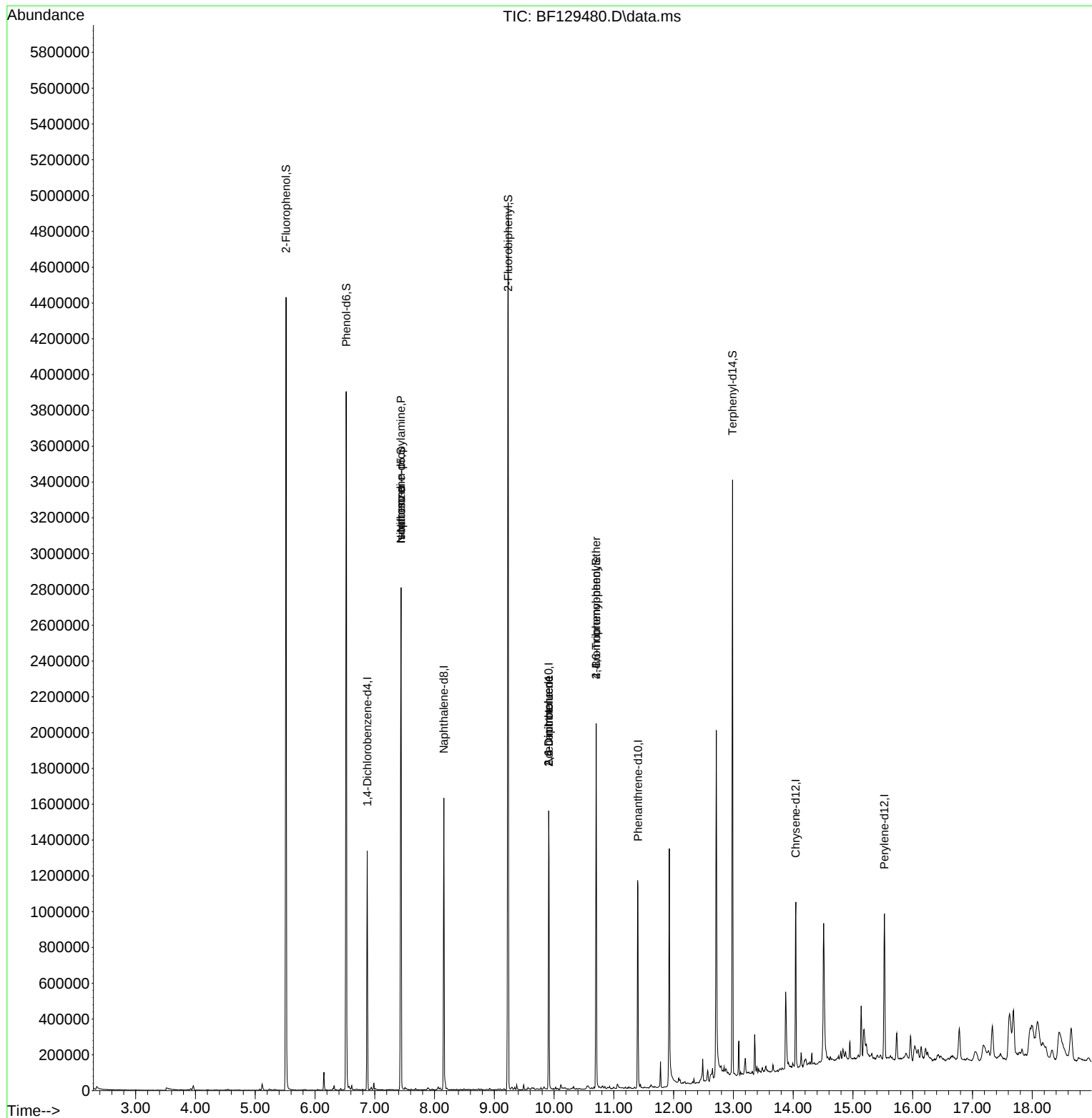
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	171524	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	660686	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	313990	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	428044	20.000	ng	0.00
76) Chrysene-d12	14.045	240	301344	20.000	ng	0.00
86) Perylene-d12	15.527	264	358560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1089773	103.498	ng	0.01
7) Phenol-d6	6.522	99	1370088	103.521	ng	0.00
23) Nitrobenzene-d5	7.439	82	861024	71.141	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	208462	69.055	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1501980	73.999	ng	0.00
79) Terphenyl-d14	12.986	244	1034759	64.782	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	115102	14.366	ng	# 74
25) Isophorone	7.439	82	861014	39.688	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	40100	8.266	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	40100	6.327	ng	# 22
67) 4-Bromophenyl-phenylether	10.704	248	13503	2.881	ng	# 1

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

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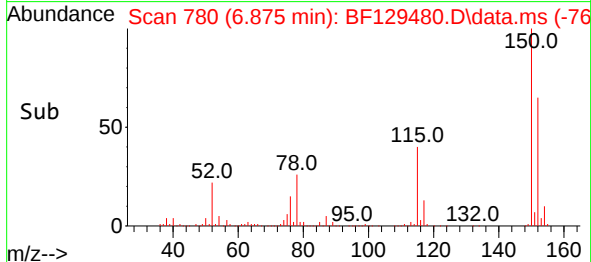
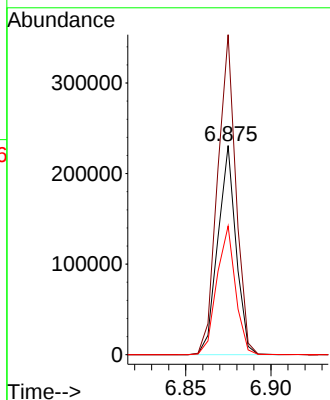
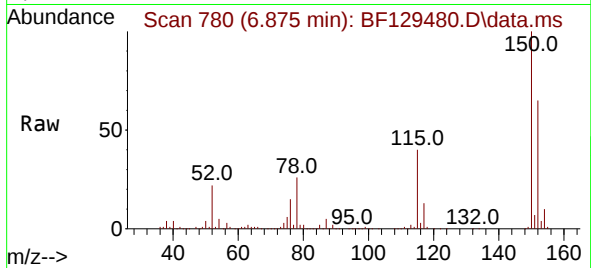




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129480.D
 Acq: 01 Aug 2022 18:51

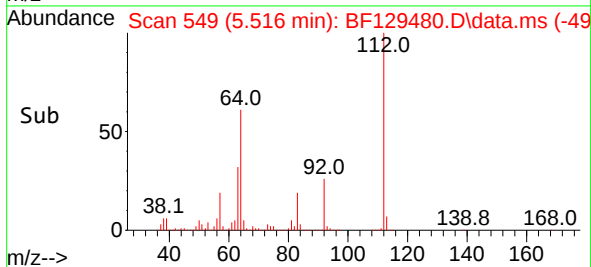
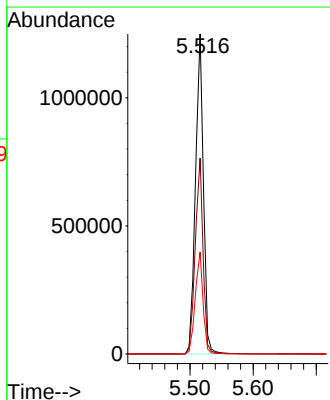
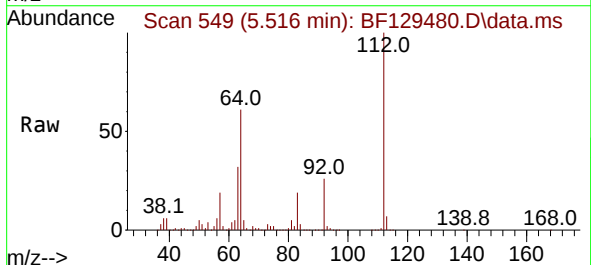
Instrument :
 BNA_F
 ClientSampleId :
 RVE-65

Tgt Ion:152 Resp: 171524
 Ion Ratio Lower Upper
 152 100
 150 153.0 123.7 185.5
 115 61.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 103.498 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129480.D
 Acq: 01 Aug 2022 18:51

Tgt Ion:112 Resp: 1089773
 Ion Ratio Lower Upper
 112 100
 64 61.2 53.3 79.9
 63 31.9 28.0 42.0

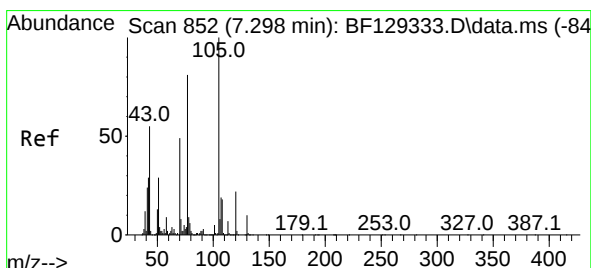
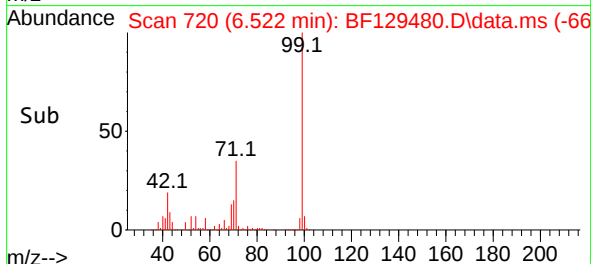
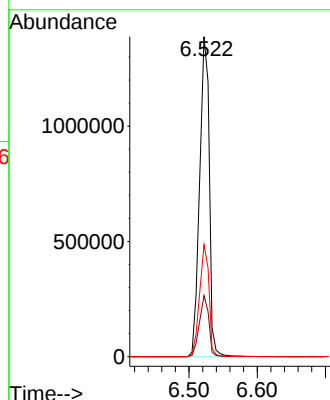
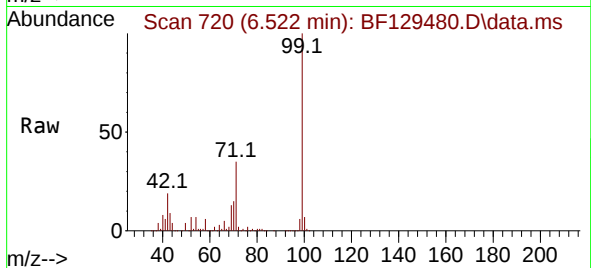




#7
Phenol-d6
Concen: 103.521 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

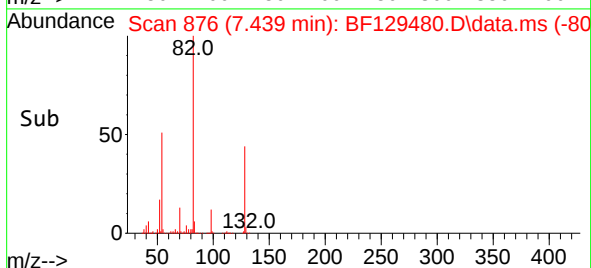
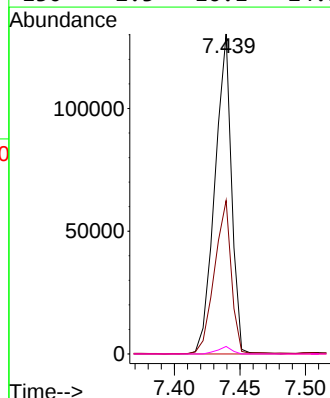
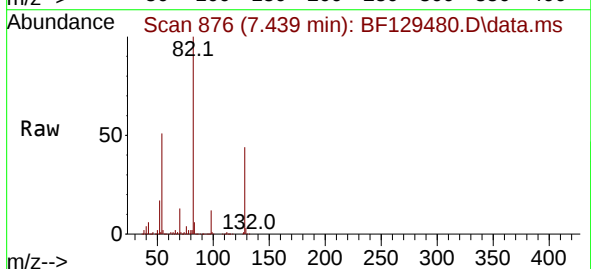
Instrument :
BNA_F
ClientSampleId :
RVE-65

Tgt Ion: 99 Resp: 1370088
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 35.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.366 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

Tgt Ion: 70 Resp: 115102
Ion Ratio Lower Upper
70 100
42 48.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#



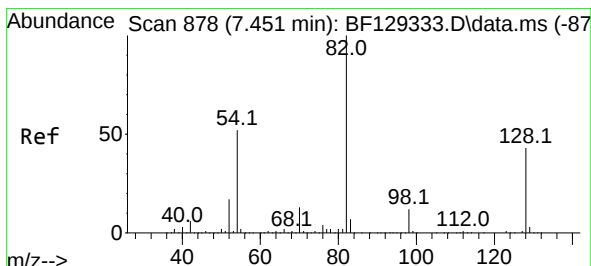
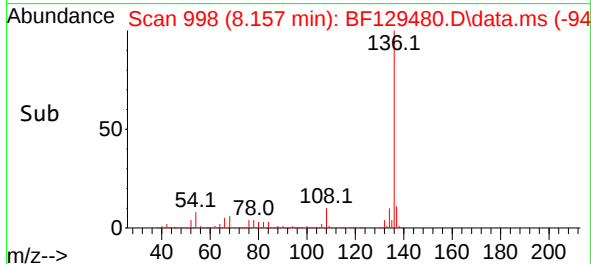
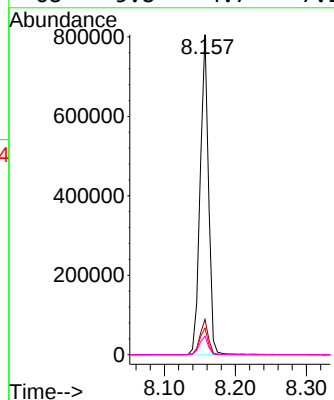
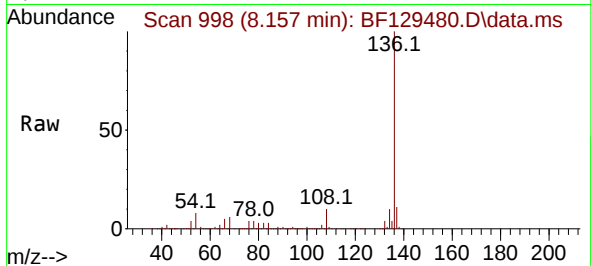


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

Instrument :
BNA_F
ClientSampleId :
RVE-65

Tgt Ion:136 Resp: 660686

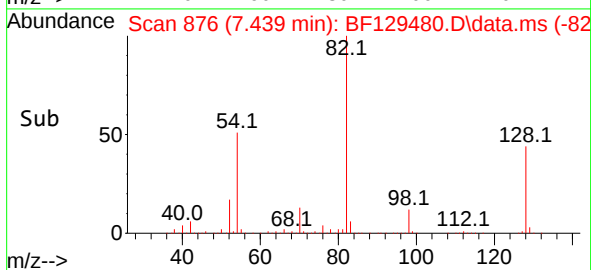
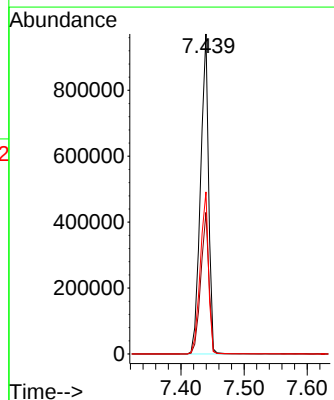
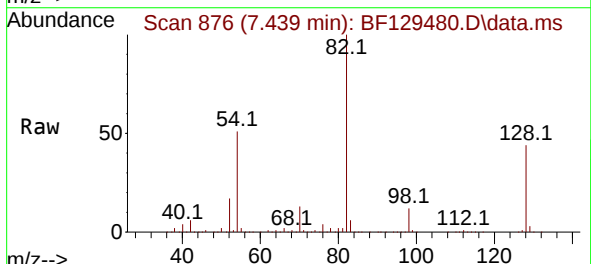
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	5.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 71.141 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

Tgt Ion: 82 Resp: 861024

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.0	51.0
54	50.6	46.9	70.3

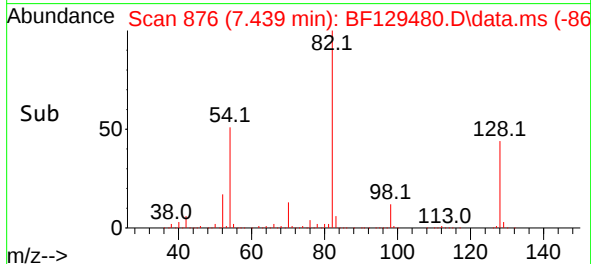
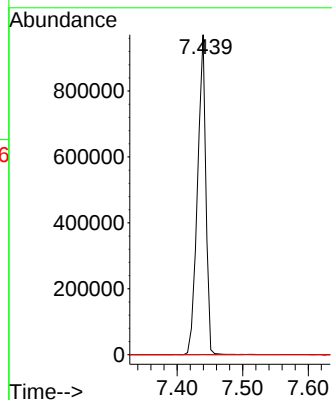
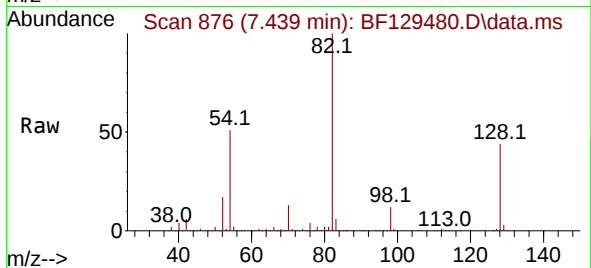




#25
Isophorone
Concen: 39.688 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

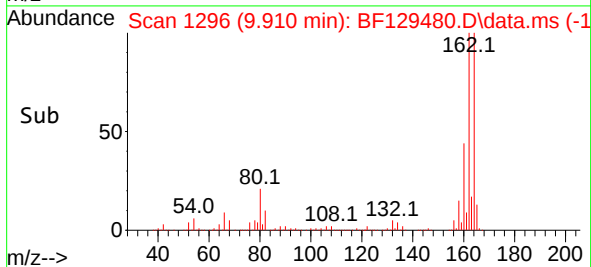
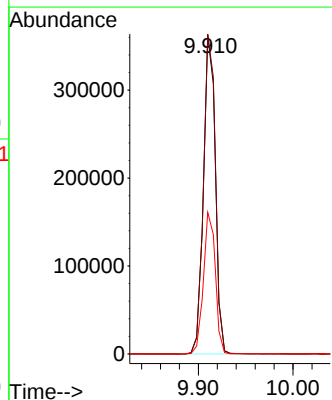
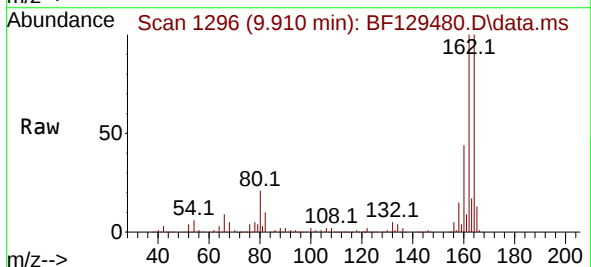
Instrument :
BNA_F
ClientSampleId :
RVE-65

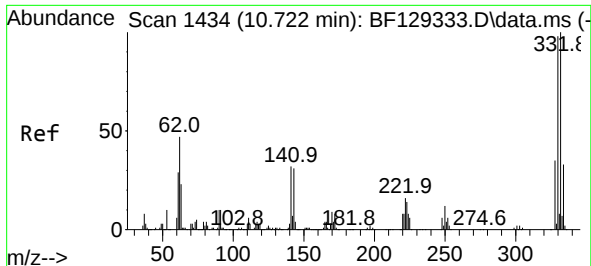
Tgt Ion: 82 Resp: 861014
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

Tgt Ion:164 Resp: 313990
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 69.055 ng

RT: 10.704 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129480.D

Acq: 01 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-65

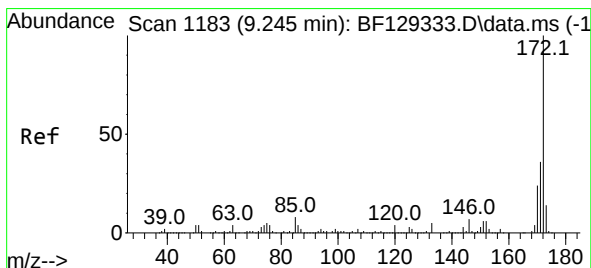
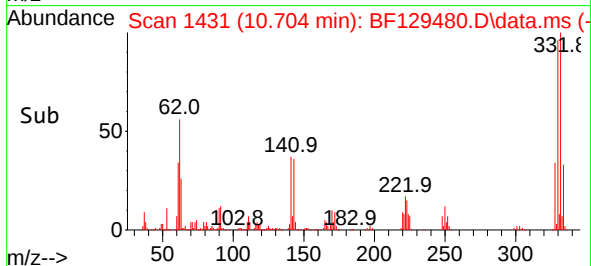
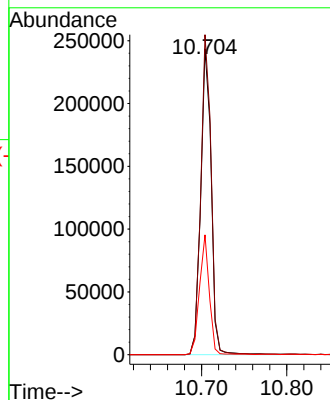
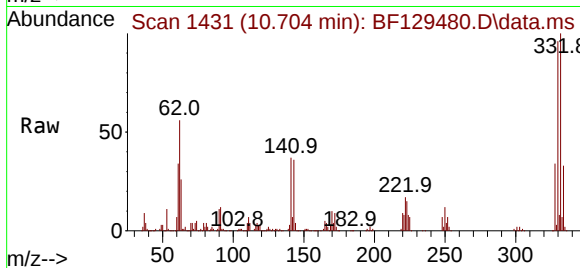
Tgt Ion:330 Resp: 208462

Ion Ratio Lower Upper

330 100

332 103.4 76.8 115.2

141 36.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 73.999 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129480.D

Acq: 01 Aug 2022 18:51

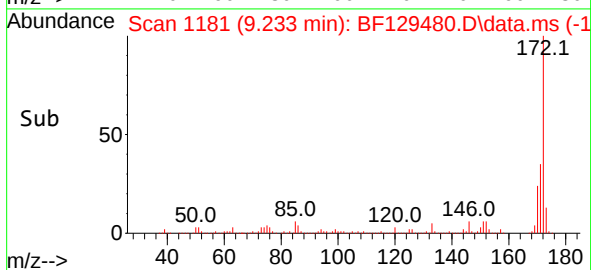
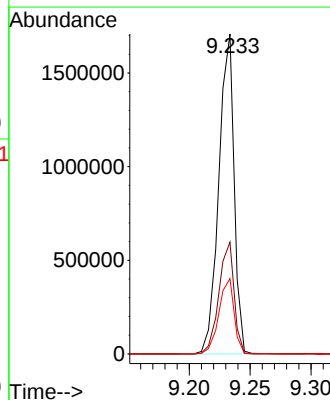
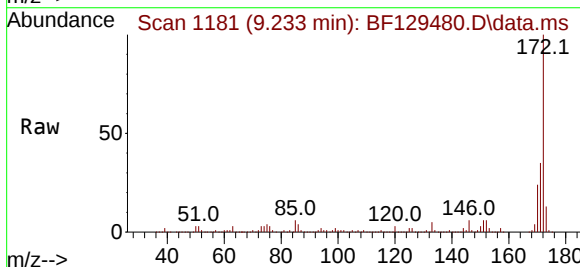
Tgt Ion:172 Resp: 1501980

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.6 19.8 29.8

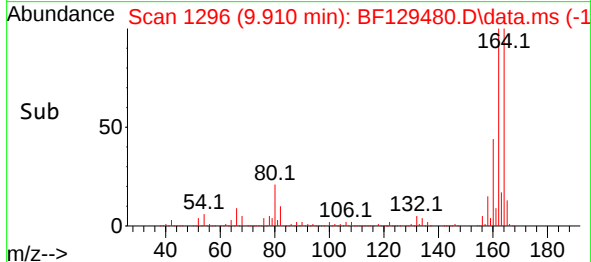
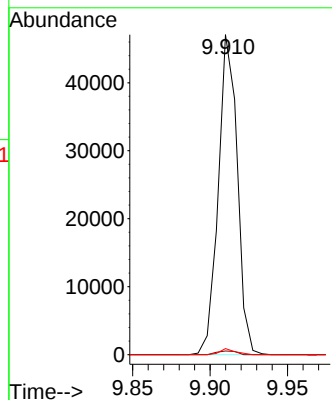
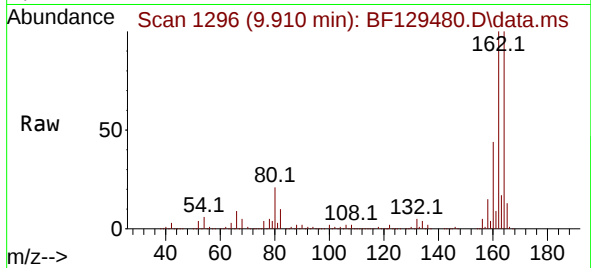




#51
2,6-Dinitrotoluene
Concen: 8.266 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

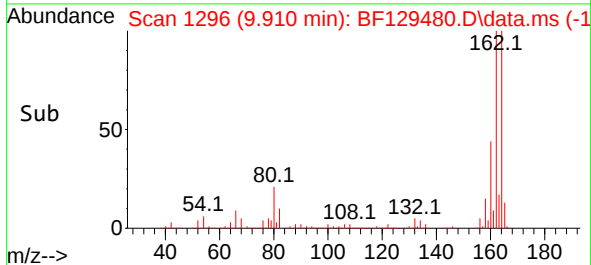
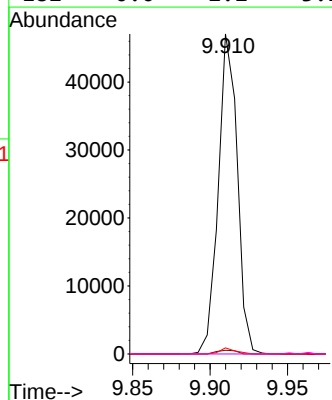
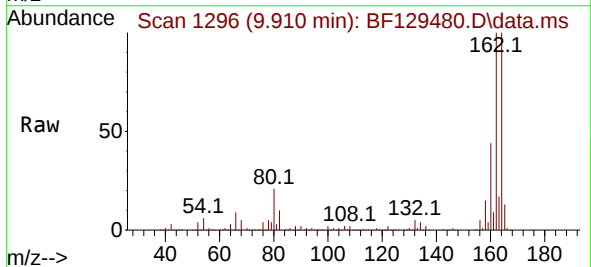
Instrument :
BNA_F
ClientSampleId :
RVE-65

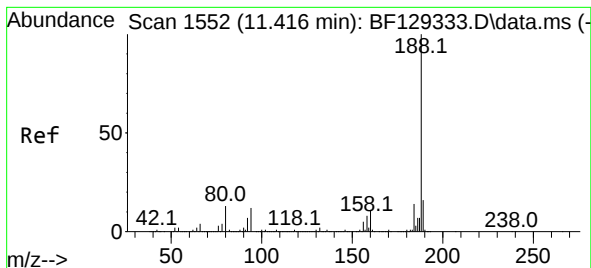
Tgt Ion:165 Resp: 40100
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

Tgt Ion:165 Resp: 40100
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129480.D

Acq: 01 Aug 2022 18:51

Instrument :

BNA_F

ClientSampleId :

RVE-65

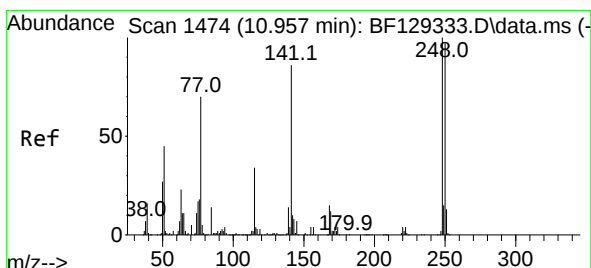
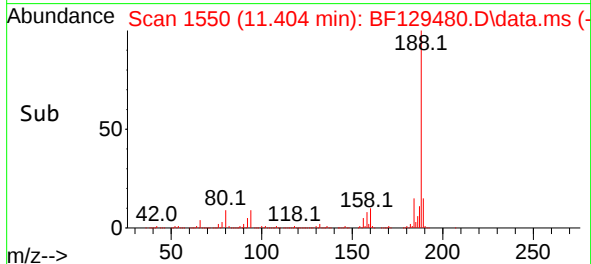
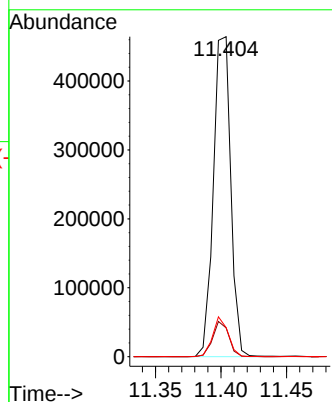
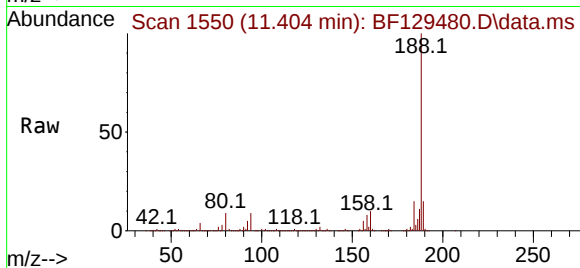
Tgt Ion:188 Resp: 428044

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.881 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF129480.D

Acq: 01 Aug 2022 18:51

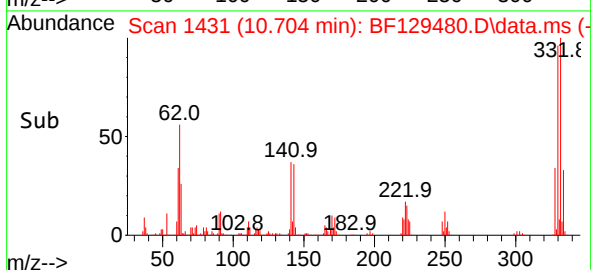
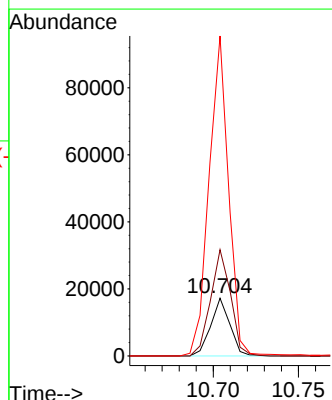
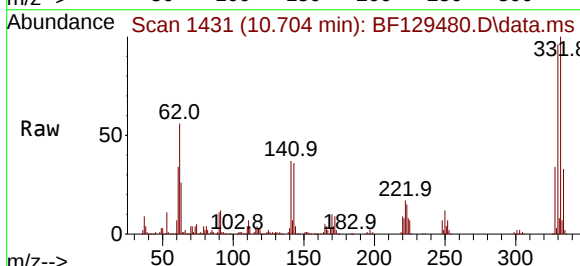
Tgt Ion:248 Resp: 13503

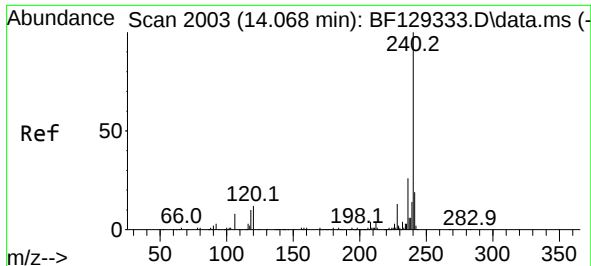
Ion Ratio Lower Upper

248 100

250 183.9 80.6 120.8#

141 554.2 58.9 88.3#

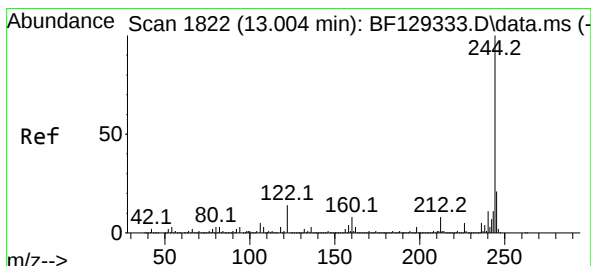
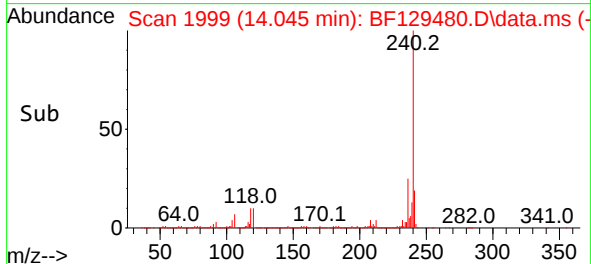
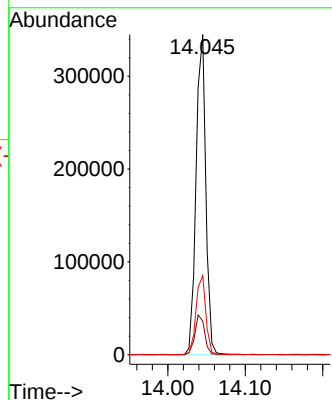
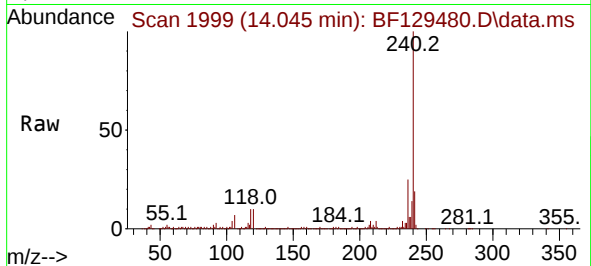




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

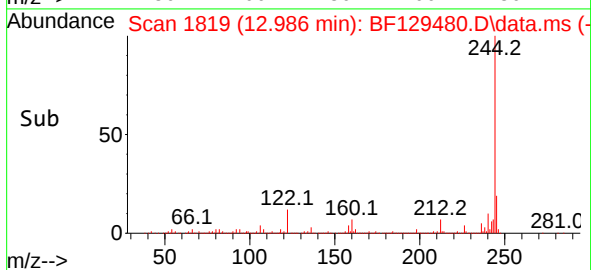
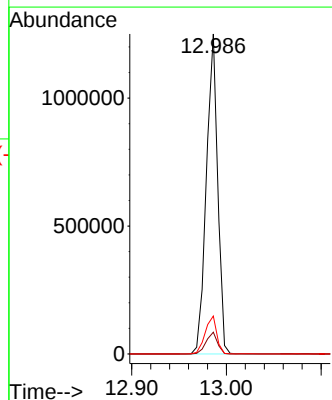
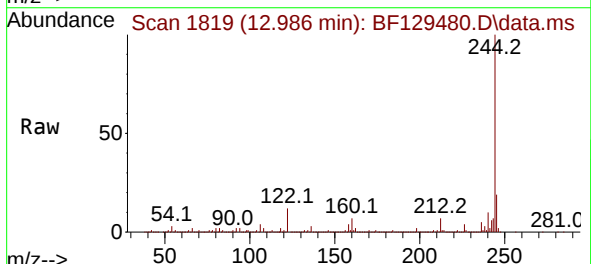
Instrument :
BNA_F
ClientSampleId :
RVE-65

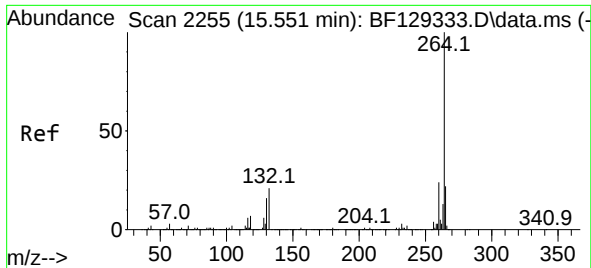
Tgt Ion:240 Resp: 301344
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 24.7 20.8 31.2



#79
Terphenyl-d14
Concen: 64.782 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129480.D
Acq: 01 Aug 2022 18:51

Tgt Ion:244 Resp: 1034759
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 11.9 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: BF129480.D
 Acq: 01 Aug 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 RVE-65

Tgt Ion:264 Resp: 358560
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.4 17.2 25.8

