

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
 Data File : BF129506.D
 Acq On : 02 Aug 2022 14:09
 Operator : CG\JU
 Sample : N3927-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-80

Quant Time: Aug 02 17:38:07 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)

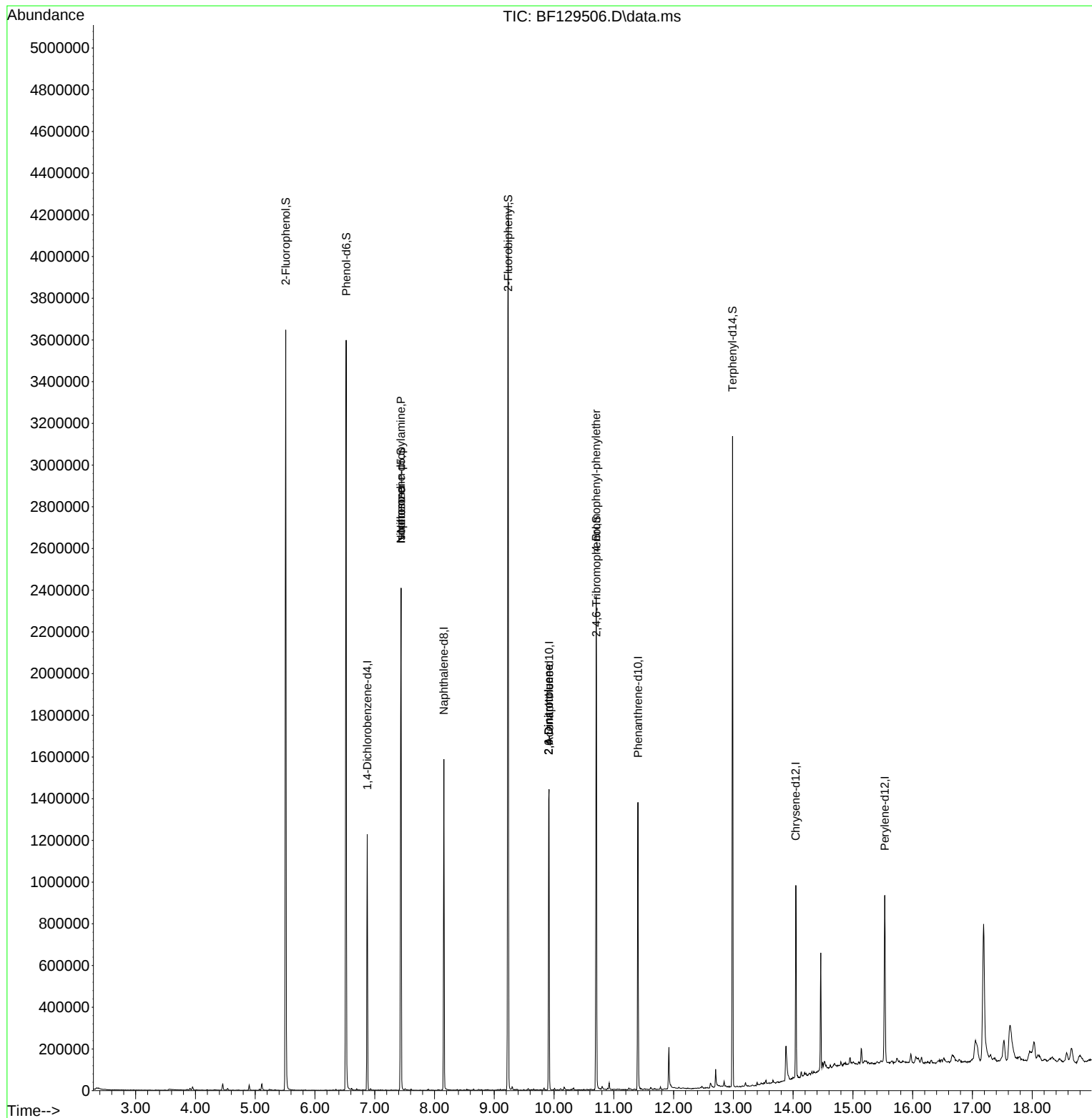
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	160586	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	629398	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	310644	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	458932	20.000	ng	0.00
76) Chrysene-d12	14.045	240	290666	20.000	ng	0.00
86) Perylene-d12	15.533	264	347180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	917520	93.074	ng	0.00
7) Phenol-d6	6.522	99	1151523	92.933	ng	0.00
23) Nitrobenzene-d5	7.440	82	726021	62.969	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	267910	89.704	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1291249	64.302	ng	0.00
79) Terphenyl-d14	12.986	244	943079	61.211	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.440	70	95415	12.720	ng	# 74
25) Isophorone	7.440	82	726010	35.128	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	40906	8.523	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	40906	6.524	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	16863	3.356	ng	# 1

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

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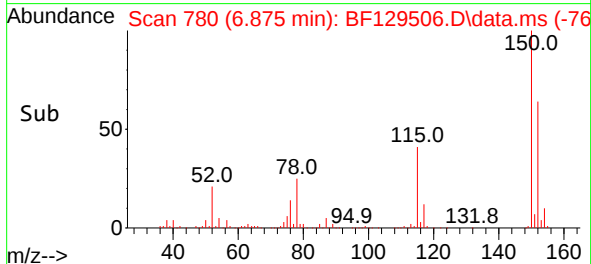
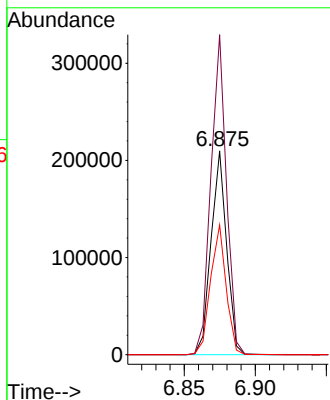
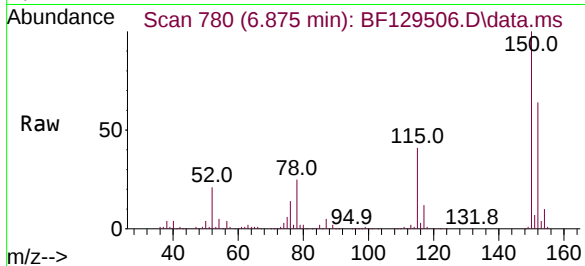




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129506.D
 Acq: 02 Aug 2022 14:09

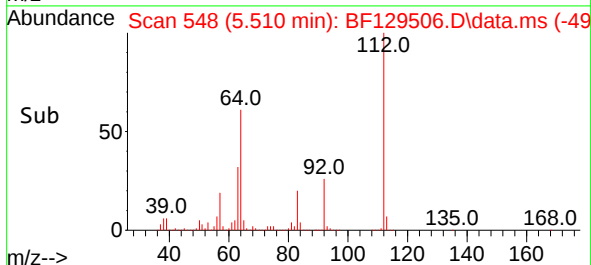
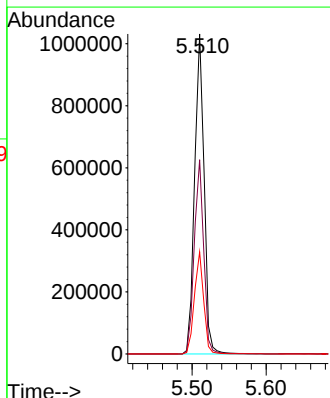
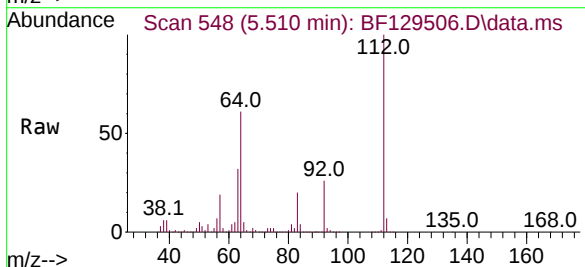
Instrument :
 BNA_F
 ClientSampleId :
 RVE-80

Tgt Ion:152 Resp: 160586
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.074 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: BF129506.D
 Acq: 02 Aug 2022 14:09

Tgt Ion:112 Resp: 917520
 Ion Ratio Lower Upper
 112 100
 64 60.7 53.3 79.9
 63 31.9 28.0 42.0

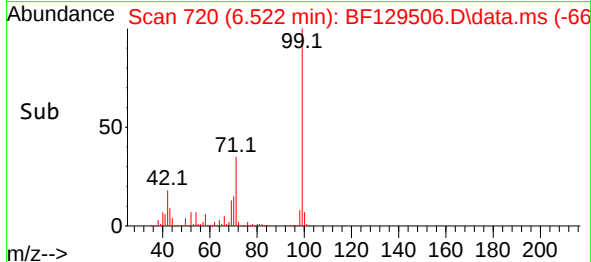
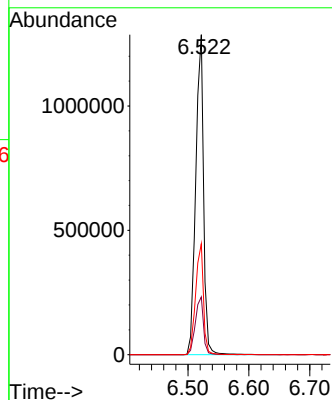
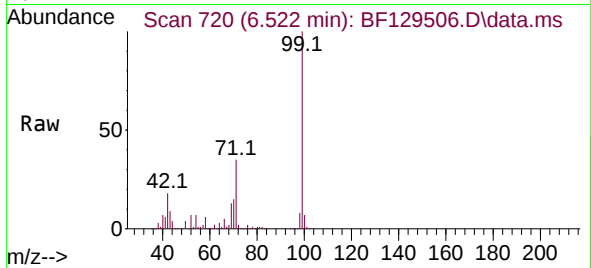




#7
Phenol-d6
Concen: 92.933 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

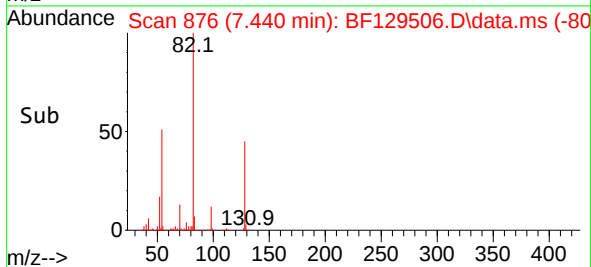
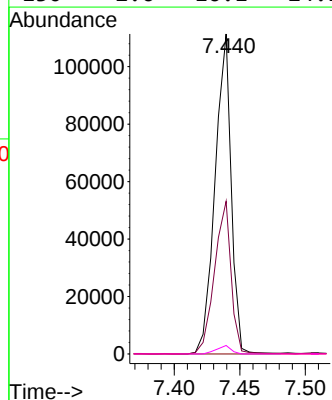
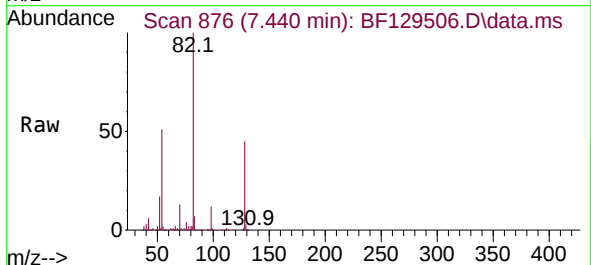
Instrument :
BNA_F
ClientSampleId :
RVE-80

Tgt Ion: 99 Resp: 1151523
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 34.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.720 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

Tgt Ion: 70 Resp: 95415
Ion Ratio Lower Upper
70 100
42 47.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.6 16.1 24.1#



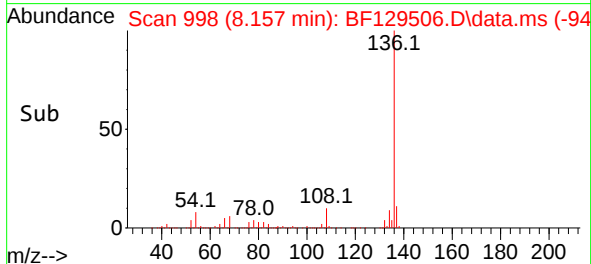
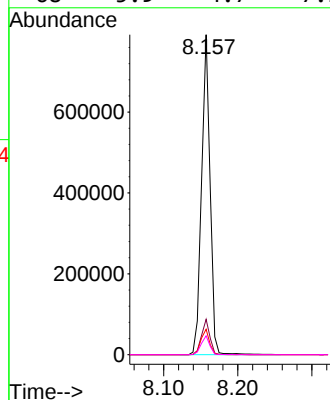
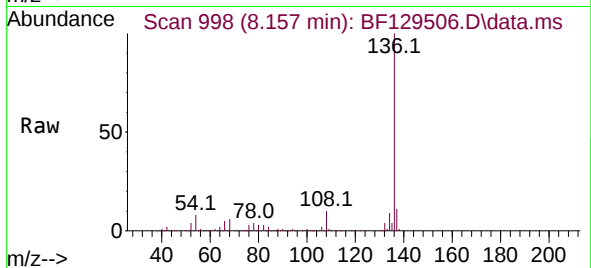


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

Instrument :
BNA_F
ClientSampleId :
RVE-80

Tgt Ion:136 Resp: 629398

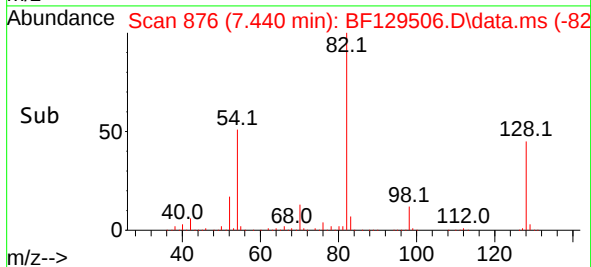
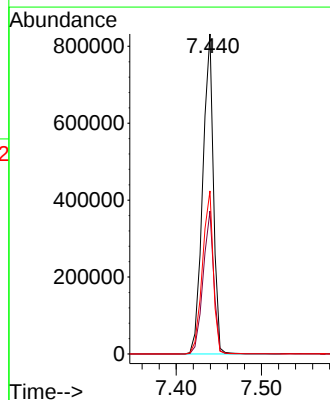
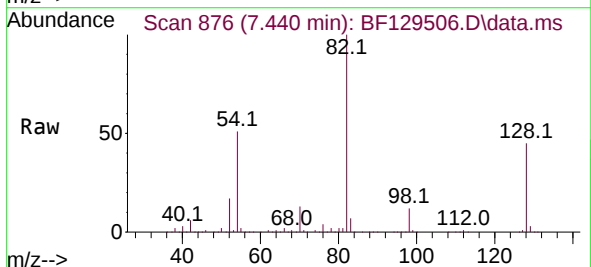
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 62.969 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

Tgt Ion: 82 Resp: 726021

Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	51.0	46.9	70.3

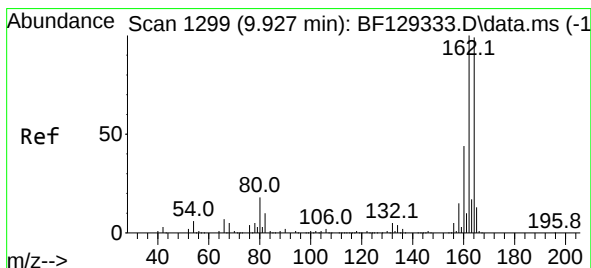
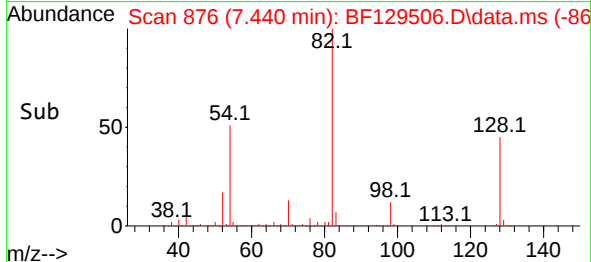
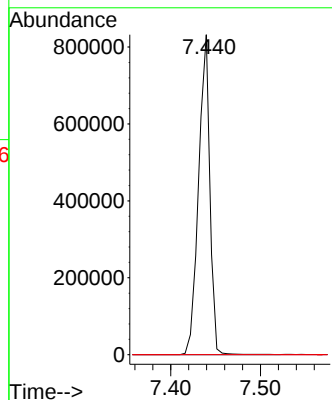
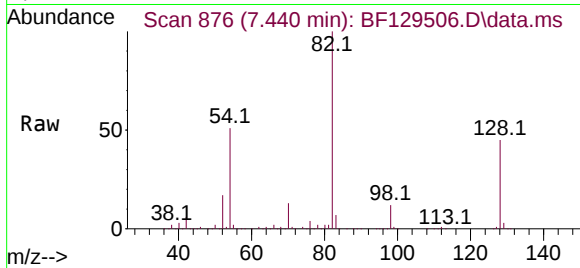




#25
Isophorone
Concen: 35.128 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

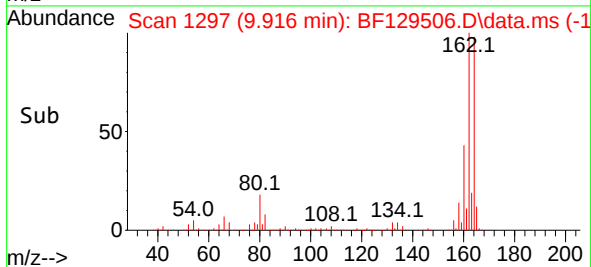
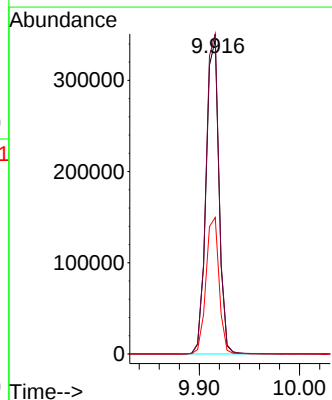
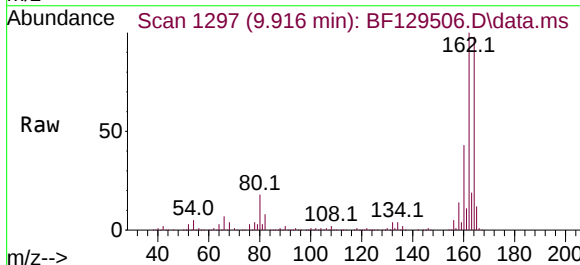
Instrument :
BNA_F
ClientSampleId :
RVE-80

Tgt Ion: 82 Resp: 726010
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: 9.916 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

Tgt Ion:164 Resp: 310644
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 43.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.704 ng

RT: 10.710 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129506.D

Acq: 02 Aug 2022 14:09

Instrument :

BNA_F

ClientSampleId :

RVE-80

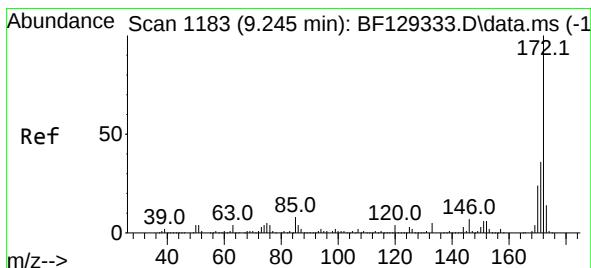
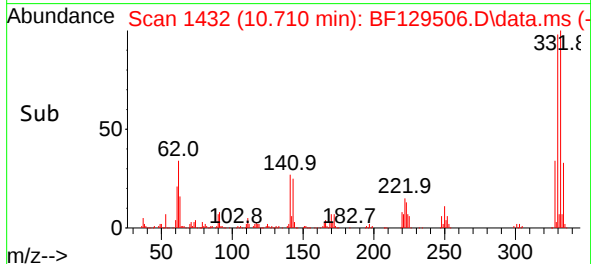
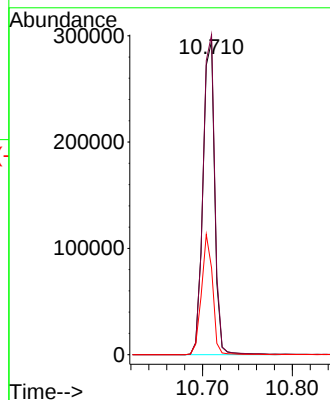
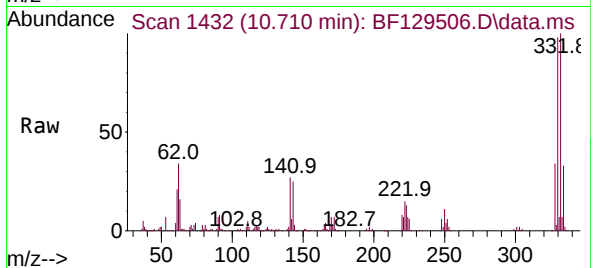
Tgt Ion:330 Resp: 267910

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 36.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.302 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF129506.D

Acq: 02 Aug 2022 14:09

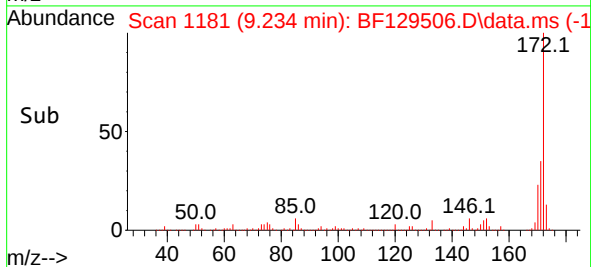
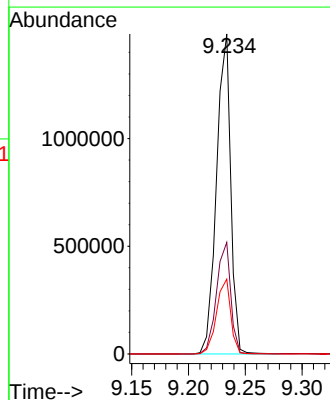
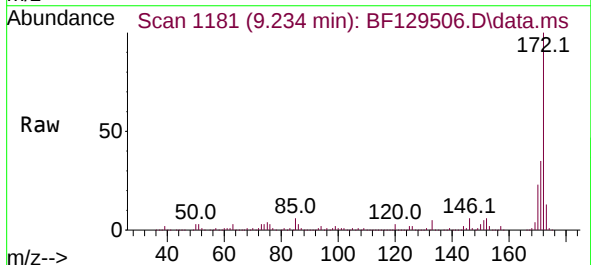
Tgt Ion:172 Resp: 1291249

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.523 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF129506.D

Acq: 02 Aug 2022 14:09

Instrument :

BNA_F

ClientSampleId :

RVE-80

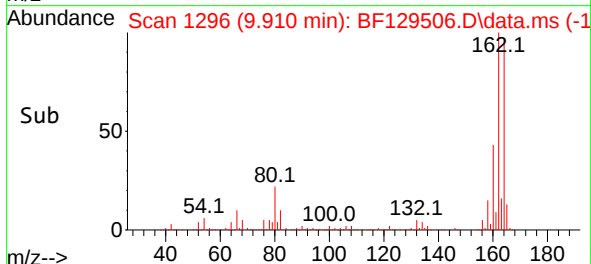
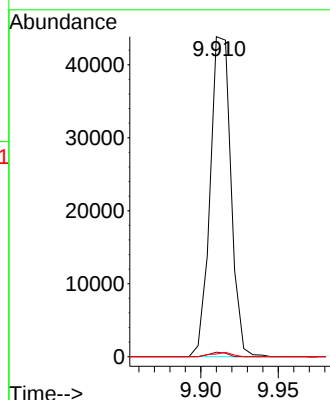
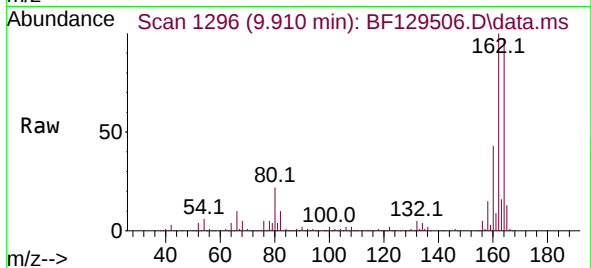
Tgt Ion:165 Resp: 40906

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.524 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.200 min

Lab File: BF129506.D

Acq: 02 Aug 2022 14:09

Tgt Ion:165 Resp: 40906

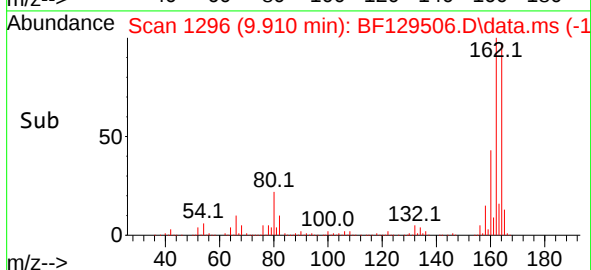
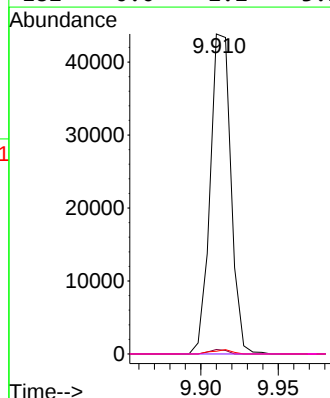
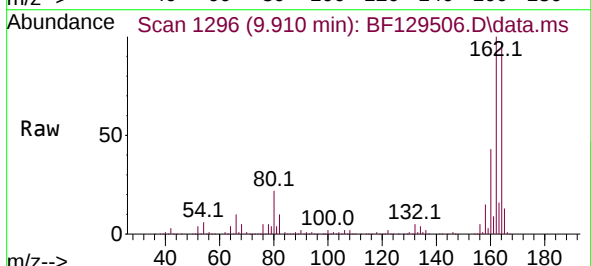
Ion Ratio Lower Upper

165 100

63 1.4 39.8 59.6#

89 0.9 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: BF129506.D

Acq: 02 Aug 2022 14:09

Instrument :

BNA_F

ClientSampleId :

RVE-80

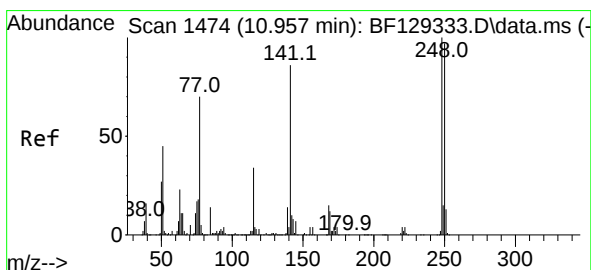
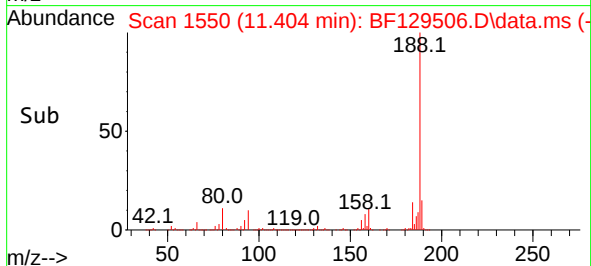
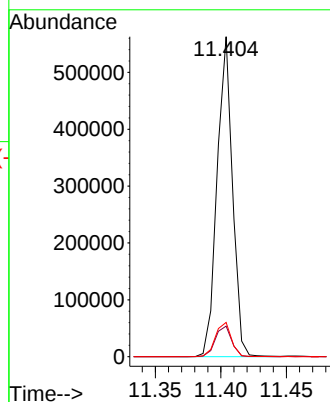
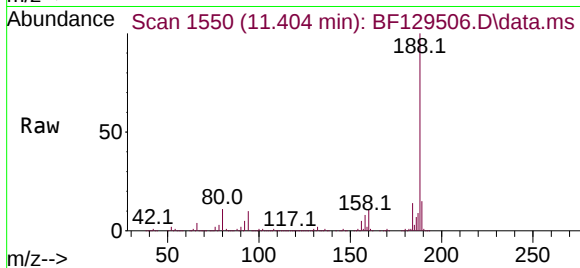
Tgt Ion:188 Resp: 458932

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.356 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF129506.D

Acq: 02 Aug 2022 14:09

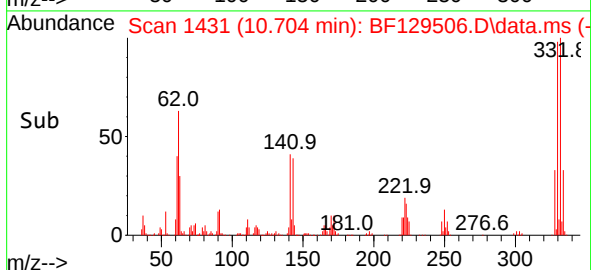
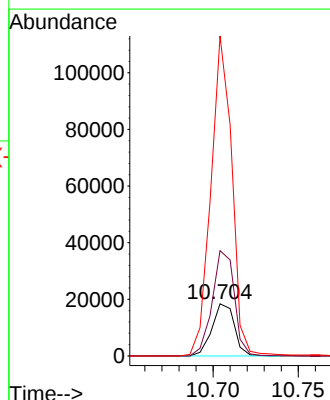
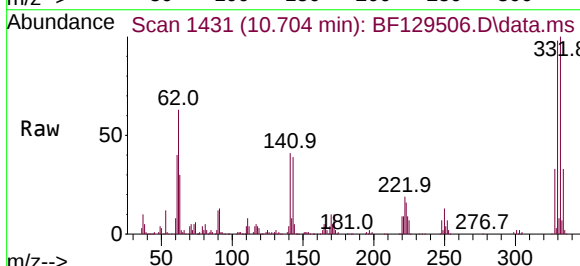
Tgt Ion:248 Resp: 16863

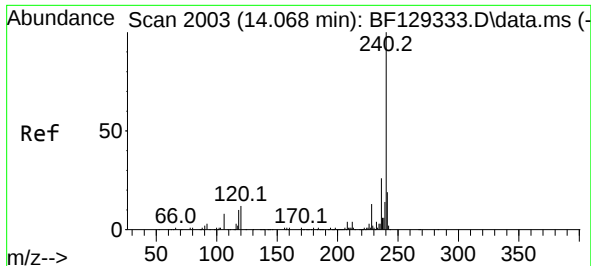
Ion Ratio Lower Upper

248 100

250 202.1 80.6 120.8#

141 614.2 58.9 88.3#

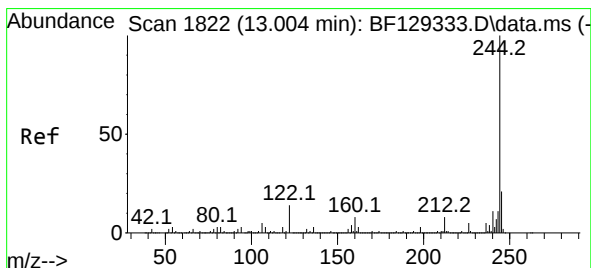
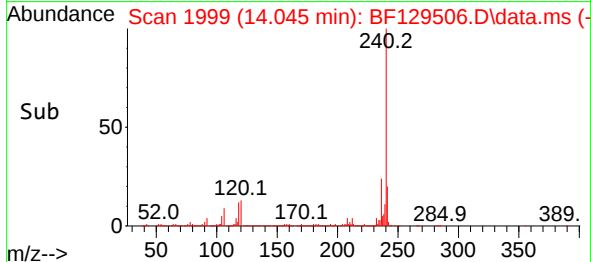
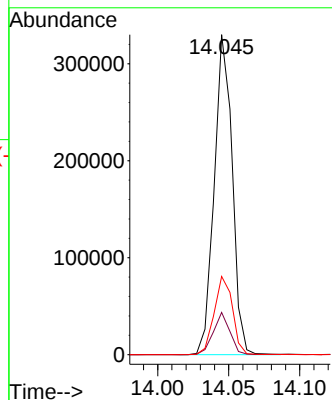
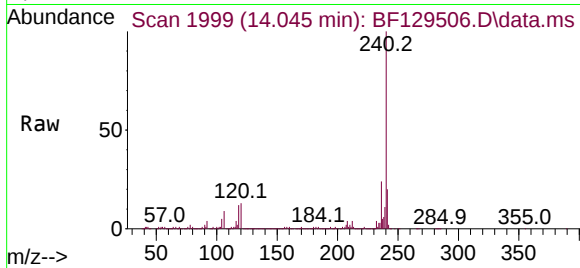




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

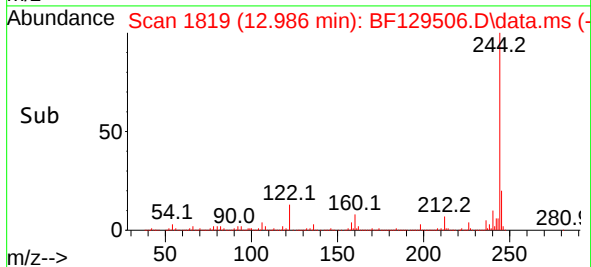
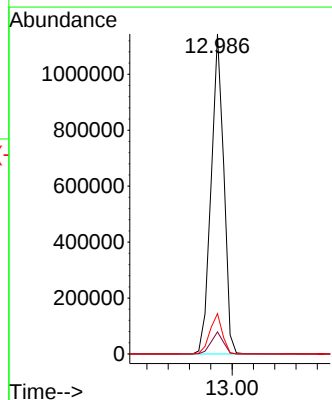
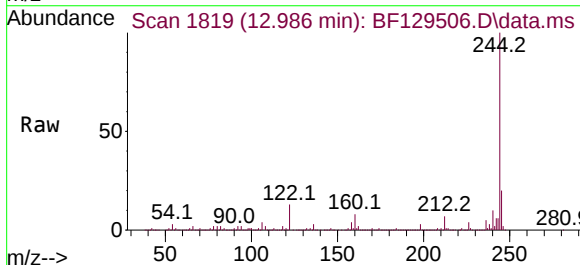
Instrument :
BNA_F
ClientSampleId :
RVE-80

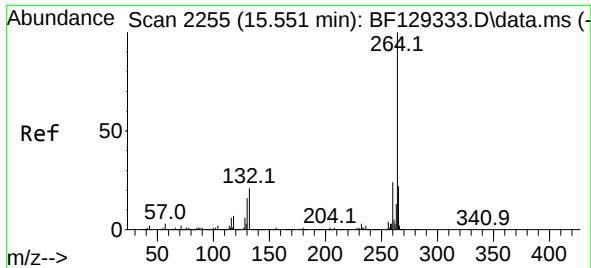
Tgt Ion:240 Resp: 290666
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 24.4 20.8 31.2



#79
Terphenyl-d14
Concen: 61.211 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

Tgt Ion:244 Resp: 943079
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 12.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129506.D
Acq: 02 Aug 2022 14:09

Instrument :
BNA_F
ClientSampleId :
RVE-80

Tgt Ion:264 Resp: 347180

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	21.4	17.2	25.8

