

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129568.D
 Acq On : 04 Aug 2022 13:34
 Operator : CG\JU
 Sample : N3931-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-121

Quant Time: Aug 05 02:08:17 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)

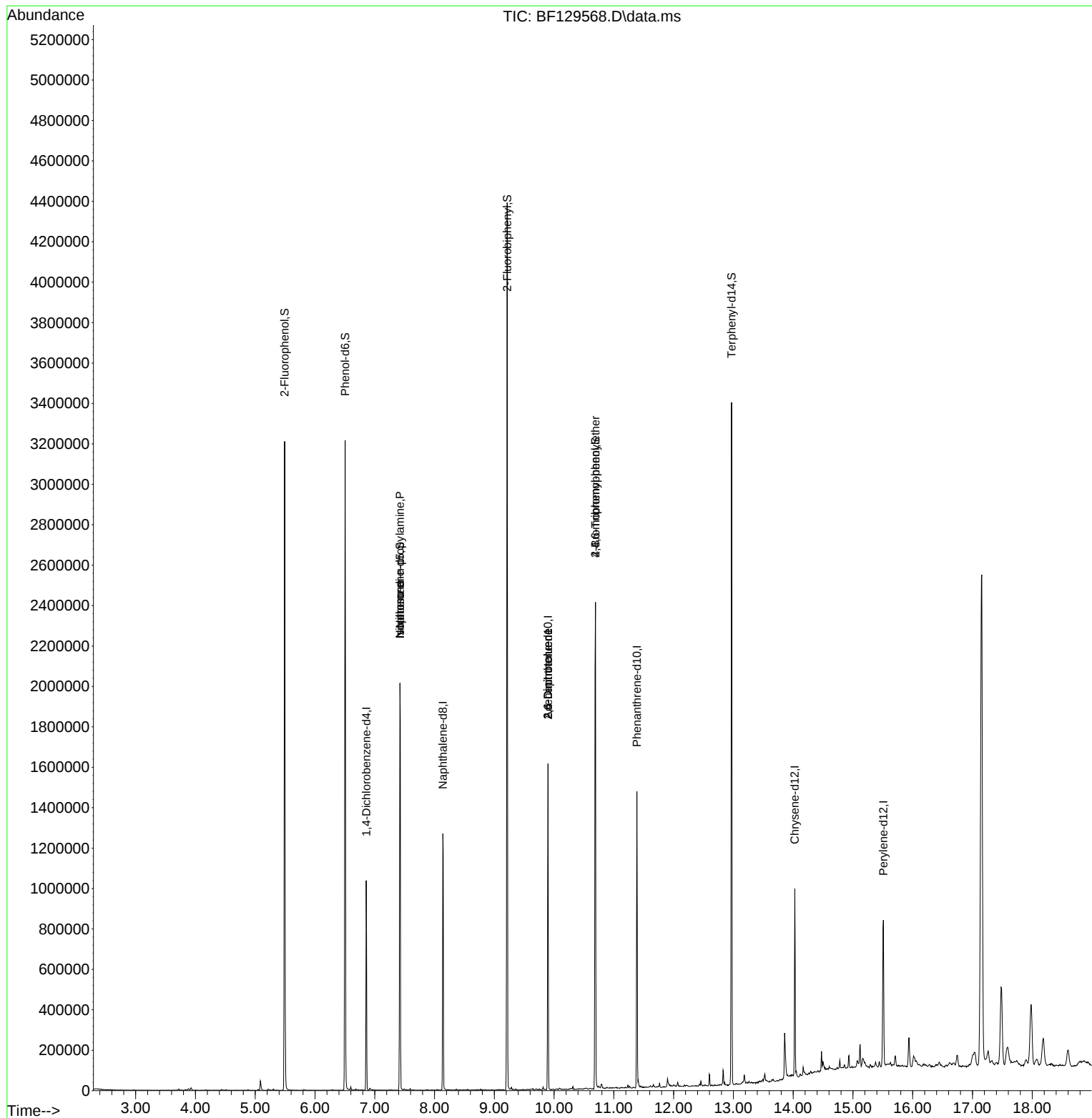
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	139675	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	562931	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	298756	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	478190	20.000	ng	0.00
76) Chrysene-d12	14.027	240	278055	20.000	ng	-0.01
86) Perylene-d12	15.510	264	322034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	830350	96.842	ng	0.00
7) Phenol-d6	6.504	99	1046602	97.111	ng	-0.01
23) Nitrobenzene-d5	7.422	82	665497	64.535	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	264079	91.939	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1240423	64.229	ng	0.00
79) Terphenyl-d14	12.969	244	1072547	72.771	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	87660	13.435	ng	# 75
25) Isophorone	7.422	82	663469	35.893	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	38803	8.406	ng	# 25
57) 2,4-Dinitrotoluene	9.898	165	38803	6.435	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	17220	3.289	ng	# 1

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

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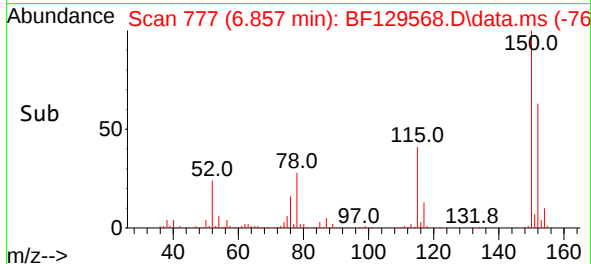
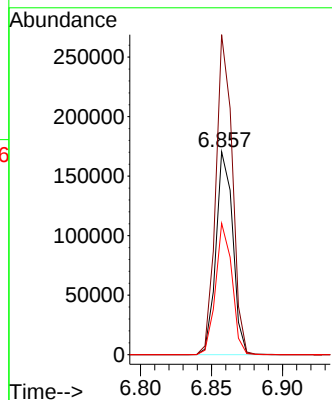
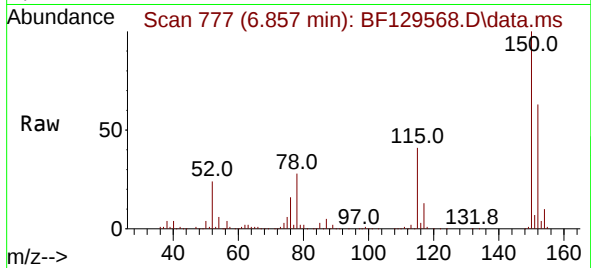




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129568.D
 Acq: 04 Aug 2022 13:34

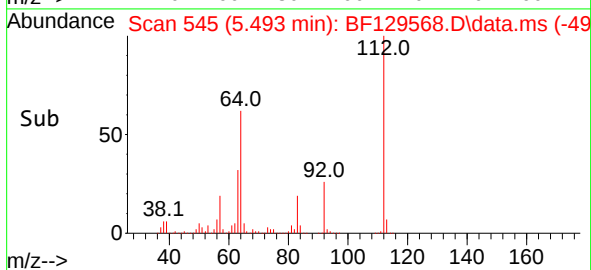
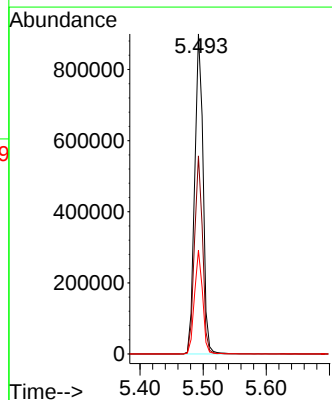
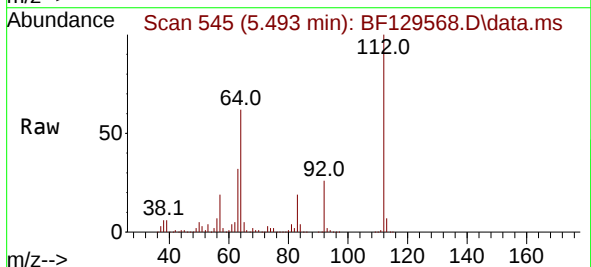
Instrument :
 BNA_F
 ClientSampleId :
 RVE-121

Tgt Ion:152 Resp: 139675
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 64.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 96.842 ng
 RT: 5.493 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: BF129568.D
 Acq: 04 Aug 2022 13:34

Tgt Ion:112 Resp: 830350
 Ion Ratio Lower Upper
 112 100
 64 61.9 53.3 79.9
 63 32.4 28.0 42.0



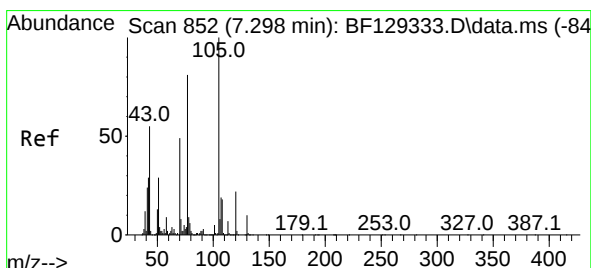
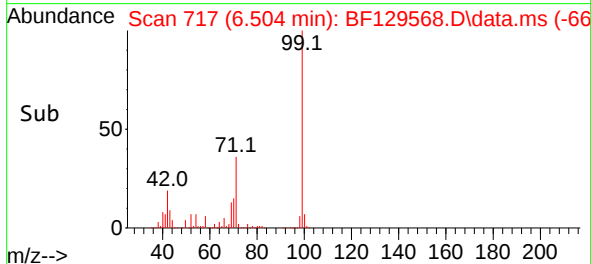
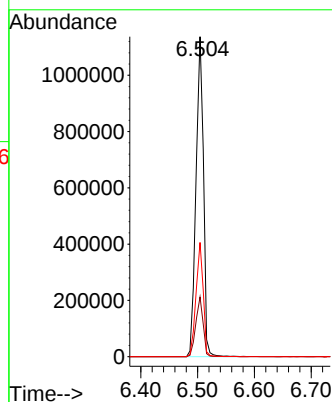
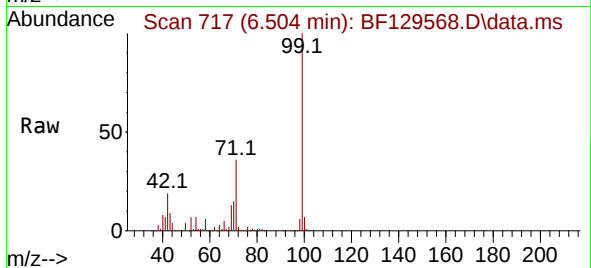


#7
Phenol-d6
Concen: 97.111 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

Instrument :
BNA_F
ClientSampleId :
RVE-121

Tgt Ion: 99 Resp: 1046602

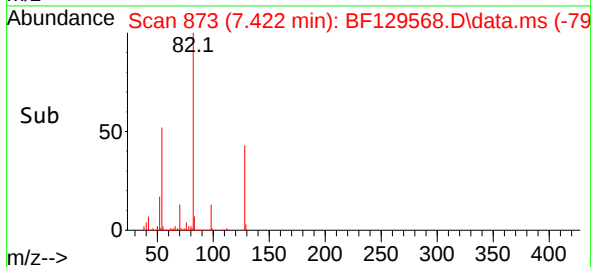
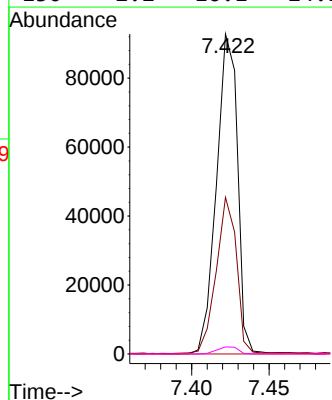
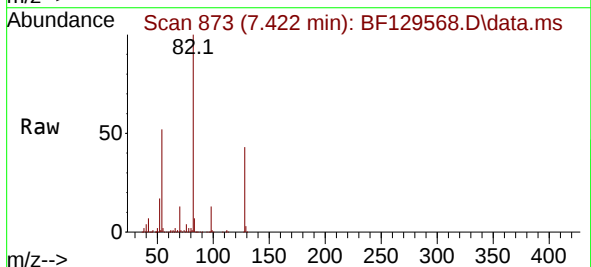
Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.3	25.9
71	35.7	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.435 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

Tgt Ion: 70 Resp: 87660

Ion	Ratio	Lower	Upper
70	100		
42	49.0	52.3	78.5#
101	0.0	7.5	11.3#
130	2.2	16.1	24.1#



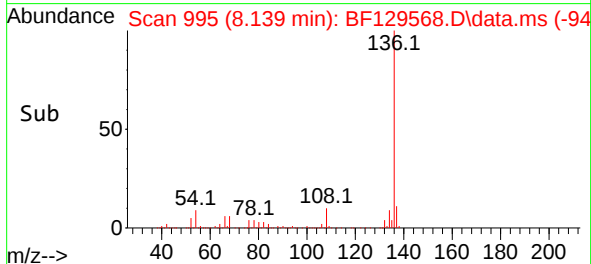
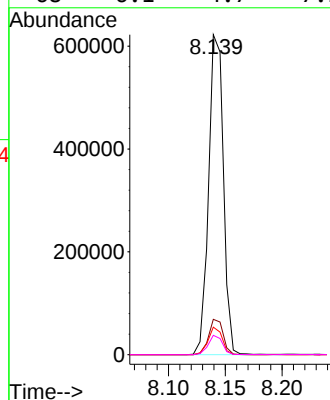
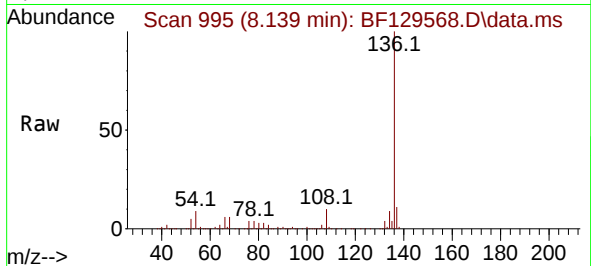


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

Instrument :
BNA_F
ClientSampleId :
RVE-121

Tgt Ion:136 Resp: 562931

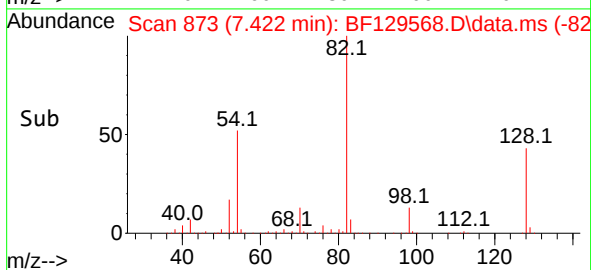
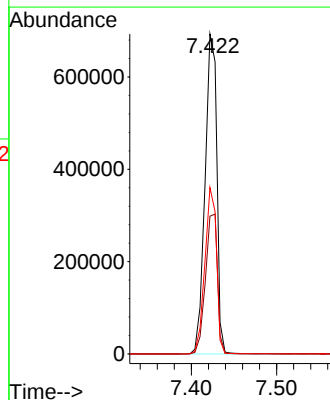
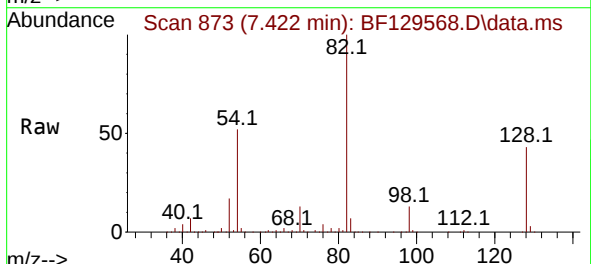
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.6	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 64.535 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

Tgt Ion: 82 Resp: 665497

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	52.0	46.9	70.3

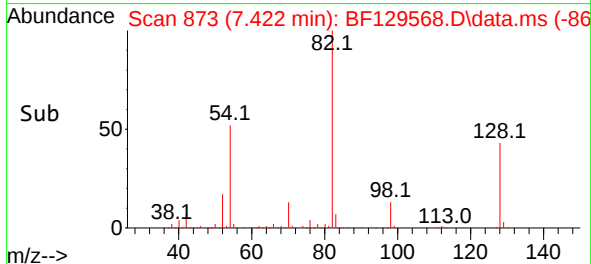
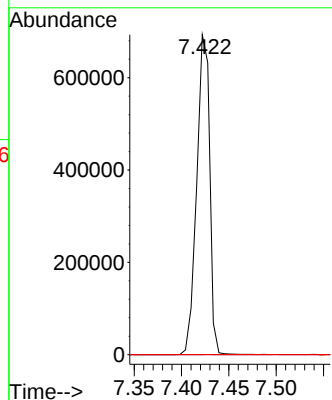
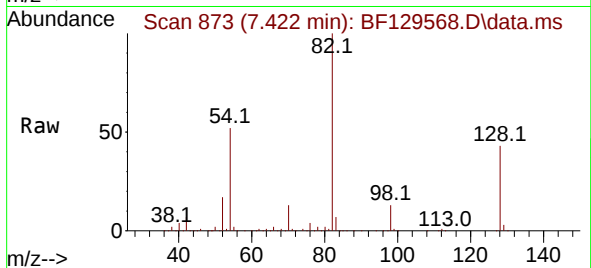




#25
Isophorone
Concen: 35.893 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

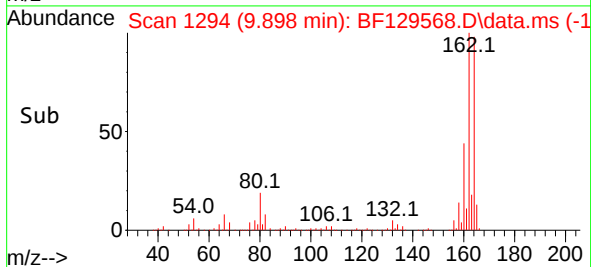
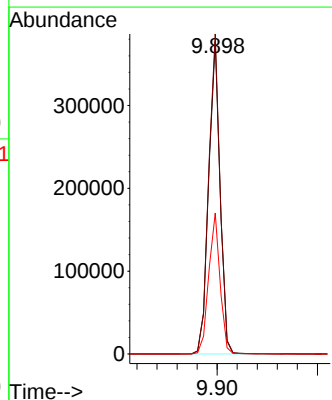
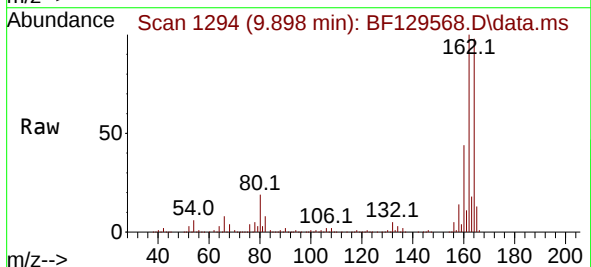
Instrument :
BNA_F
ClientSampleId :
RVE-121

Tgt Ion: 82 Resp: 663469
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: BF129568.D
Acq: 04 Aug 2022 13:34

Tgt Ion:164 Resp: 298756
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 91.939 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF129568.D

Acq: 04 Aug 2022 13:34

Instrument :

BNA_F

ClientSampleId :

RVE-121

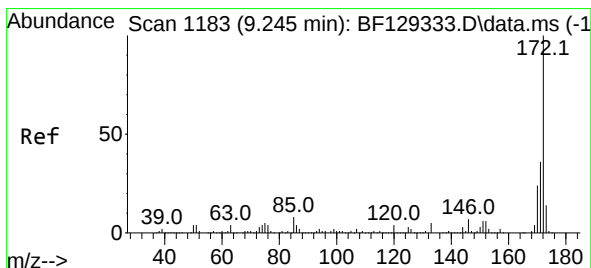
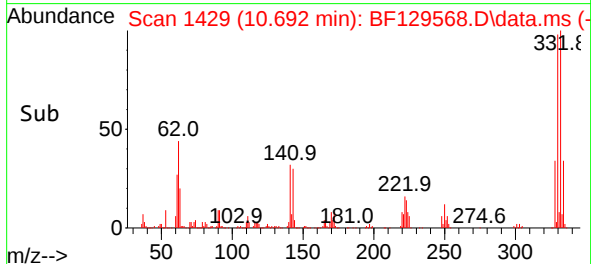
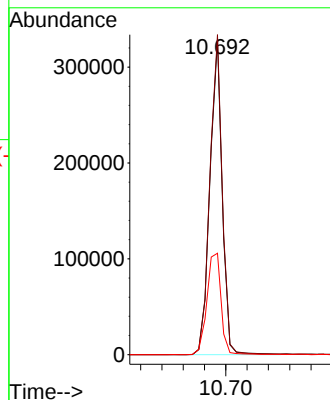
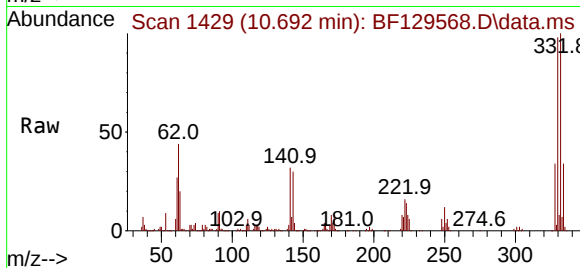
Tgt Ion:330 Resp: 264079

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 37.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.229 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129568.D

Acq: 04 Aug 2022 13:34

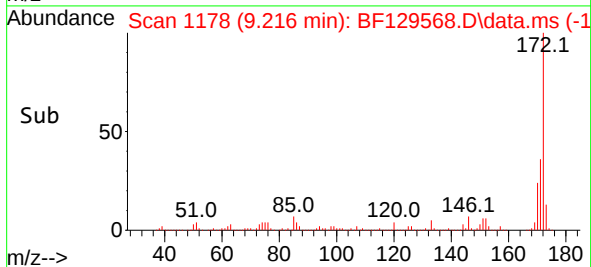
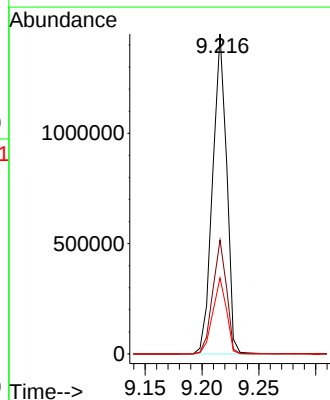
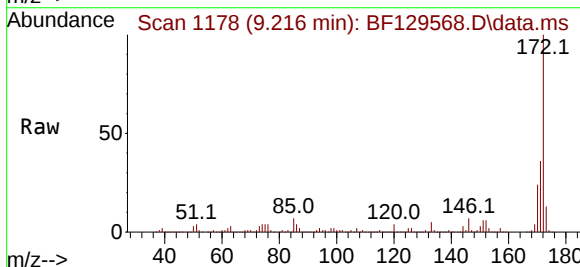
Tgt Ion:172 Resp: 1240423

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.406 ng

RT: 9.898 min Scan# 1294

Delta R.T. 0.206 min

Lab File: BF129568.D

Acq: 04 Aug 2022 13:34

Instrument :

BNA_F

ClientSampleId :

RVE-121

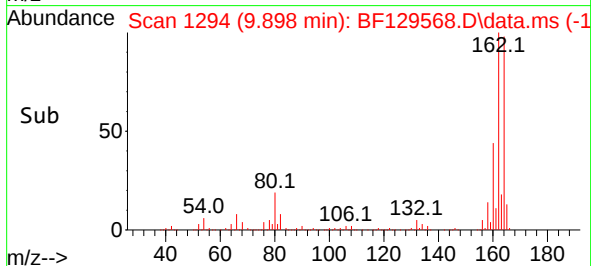
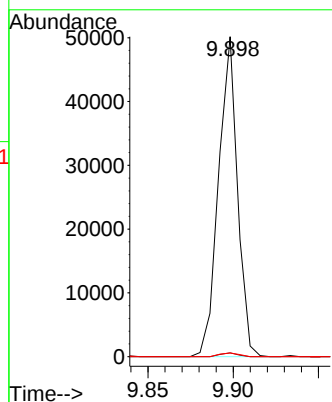
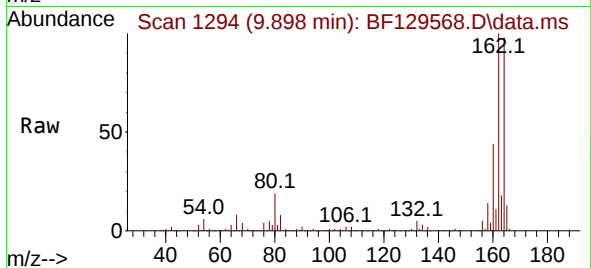
Tgt Ion:165 Resp: 38803

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.435 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.200 min

Lab File: BF129568.D

Acq: 04 Aug 2022 13:34

Tgt Ion:165 Resp: 38803

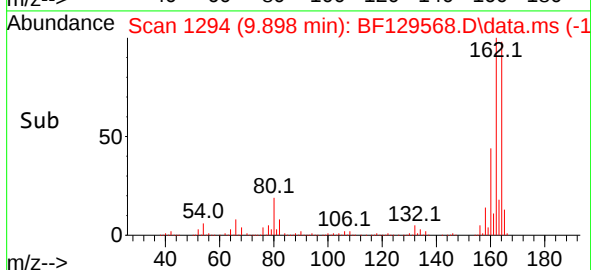
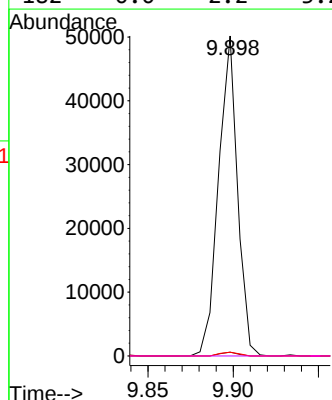
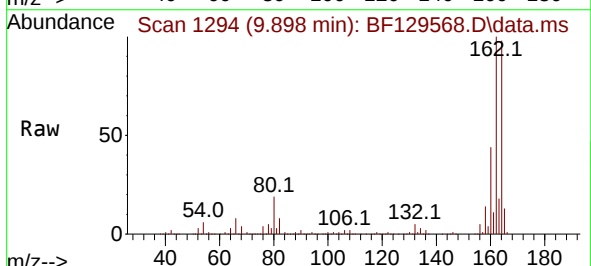
Ion Ratio Lower Upper

165 100

63 1.2 39.8 59.6#

89 1.1 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129568.D

Acq: 04 Aug 2022 13:34

Instrument :

BNA_F

ClientSampleId :

RVE-121

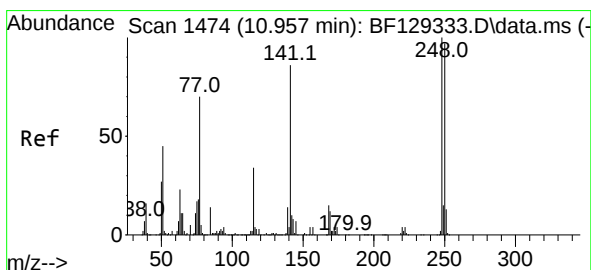
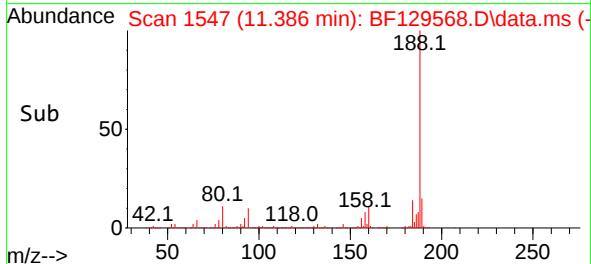
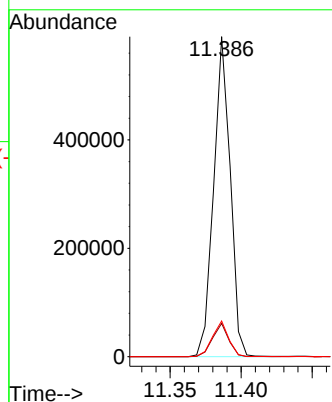
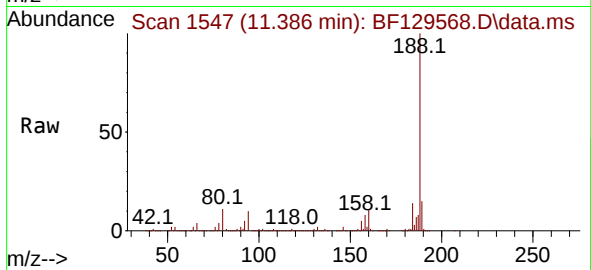
Tgt Ion:188 Resp: 478190

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 11.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.289 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF129568.D

Acq: 04 Aug 2022 13:34

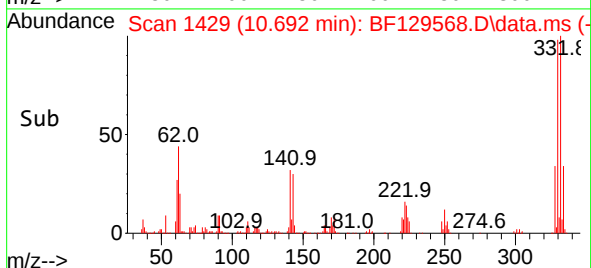
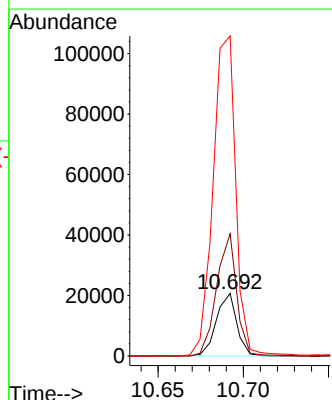
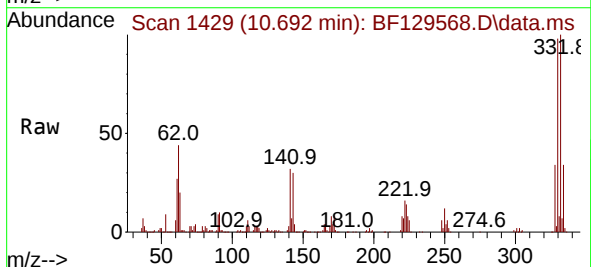
Tgt Ion:248 Resp: 17220

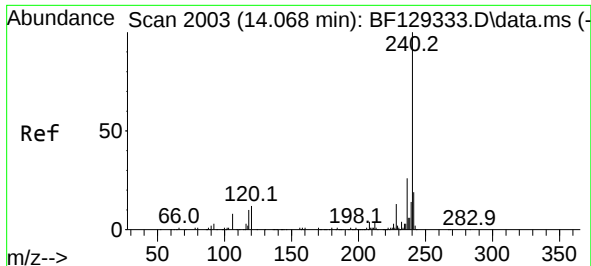
Ion Ratio Lower Upper

248 100

250 195.5 80.6 120.8#

141 511.9 58.9 88.3#

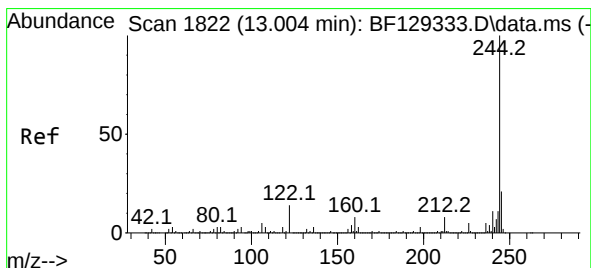
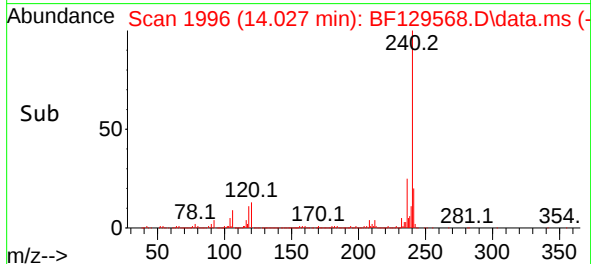
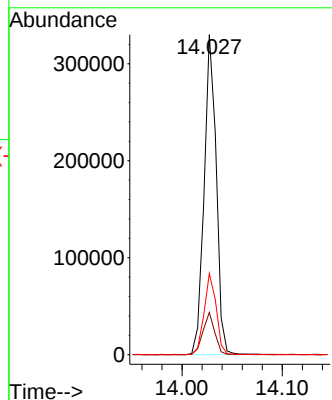
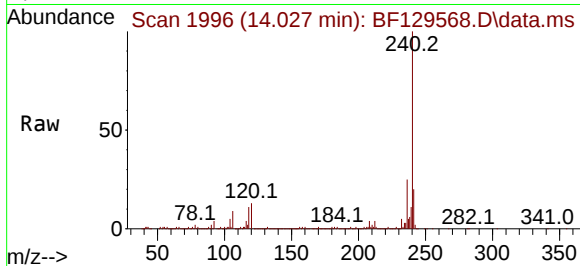




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

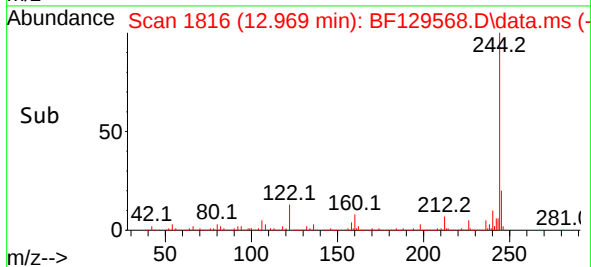
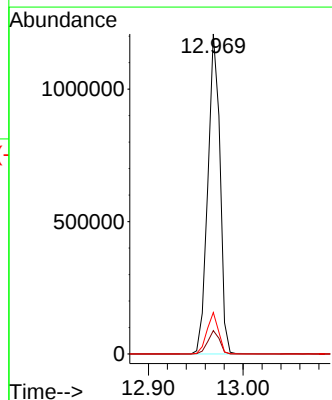
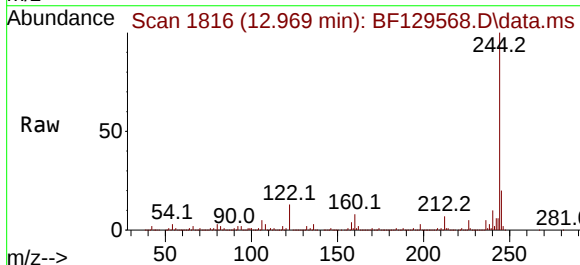
Instrument :
BNA_F
ClientSampleId :
RVE-121

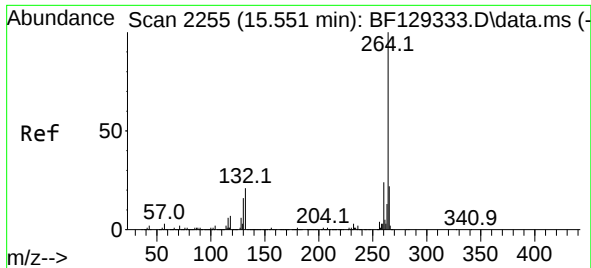
Tgt Ion:240 Resp: 278055
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.4 20.8 31.2



#79
Terphenyl-d14
Concen: 72.771 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129568.D
Acq: 04 Aug 2022 13:34

Tgt Ion:244 Resp: 1072547
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129568.D
 Acq: 04 Aug 2022 13:34

Instrument :
 BNA_F
 ClientSampleId :
 RVE-121

Tgt Ion:264 Resp: 322034
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.5 17.2 25.8

