

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129400.D
 Acq On : 28 Jul 2022 10:20
 Operator : CG\JU
 Sample : PB146497BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146497BL

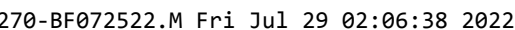
Quant Time: Jul 29 02:06:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

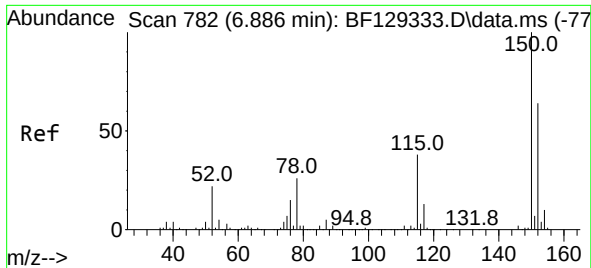
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	221087	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	889306	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	472807	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	822241	20.000	ng	0.00
76) Chrysene-d12	14.062	240	645361	20.000	ng	0.00
86) Perylene-d12	15.551	264	571034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1711108	126.077	ng	0.02
7) Phenol-d6	6.522	99	2165113	126.918	ng	0.00
23) Nitrobenzene-d5	7.451	82	1423002	87.349	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	595322	130.964	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2484346	81.284	ng	0.00
79) Terphenyl-d14	13.004	244	2727941	79.746	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	190422	18.438	ng	# 73
25) Isophorone	7.451	82	1422062	48.698	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	61715	8.448	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	61715	6.467	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	37039	4.114	ng	# 1

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

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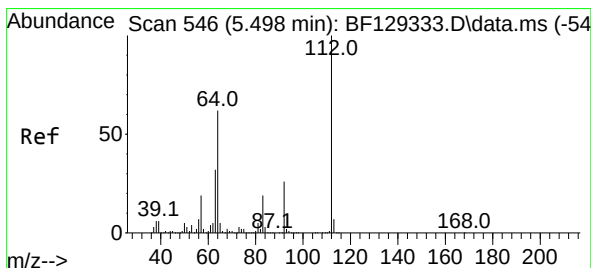
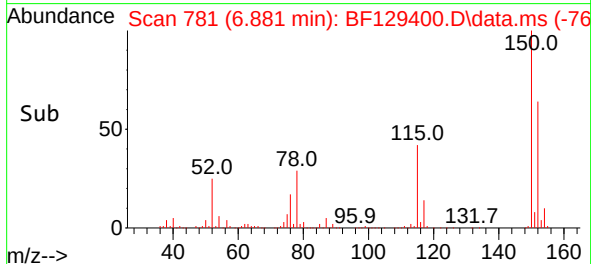
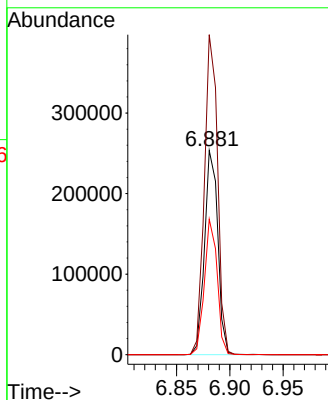
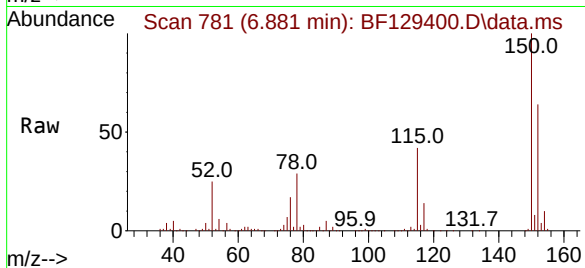




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129400.D
 Acq: 28 Jul 2022 10:20

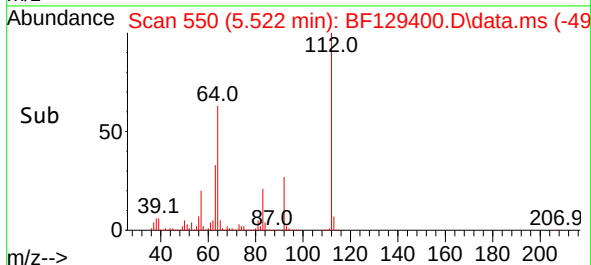
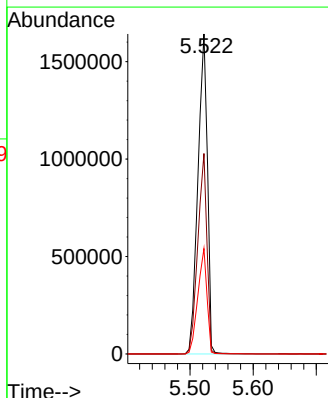
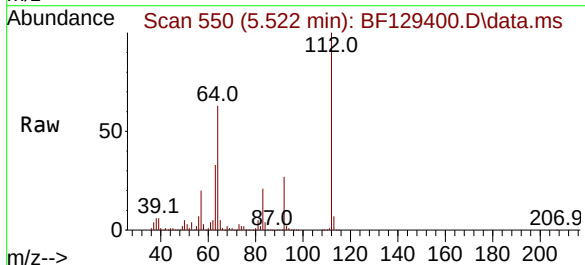
Instrument :
 BNA_F
 ClientSampleId :
 PB146497BL

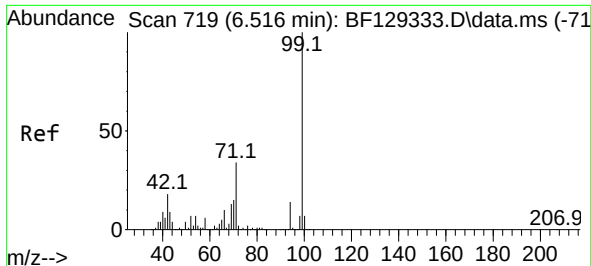
Tgt Ion:152 Resp: 221087
 Ion Ratio Lower Upper
 152 100
 150 156.8 123.7 185.5
 115 66.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.077 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.024 min
 Lab File: BF129400.D
 Acq: 28 Jul 2022 10:20

Tgt Ion:112 Resp: 1711108
 Ion Ratio Lower Upper
 112 100
 64 62.6 53.3 79.9
 63 32.9 28.0 42.0



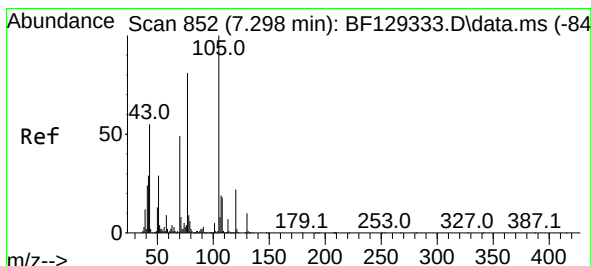
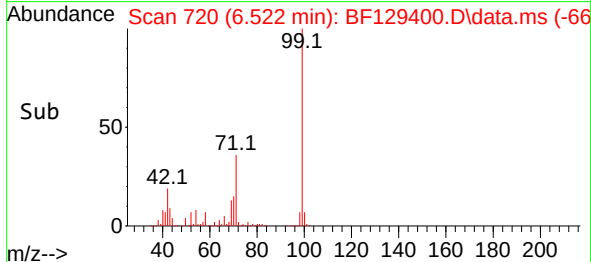
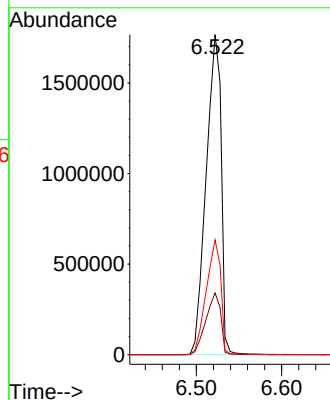
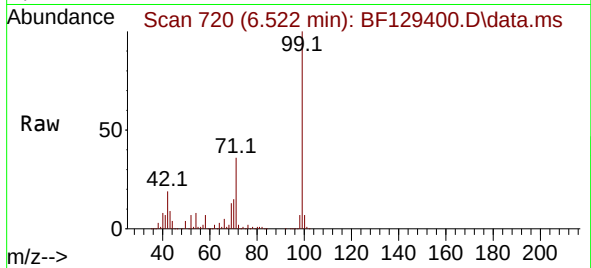


#7
Phenol-d6
Concen: 126.918 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Instrument :
BNA_F
ClientSampleId :
PB146497BL

Tgt Ion: 99 Resp: 2165113

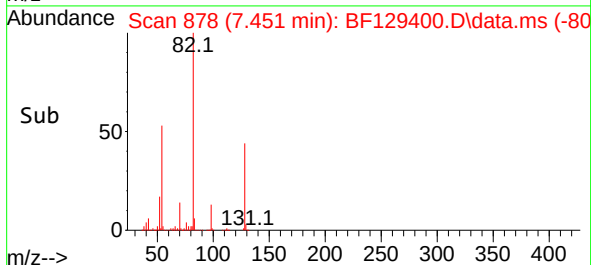
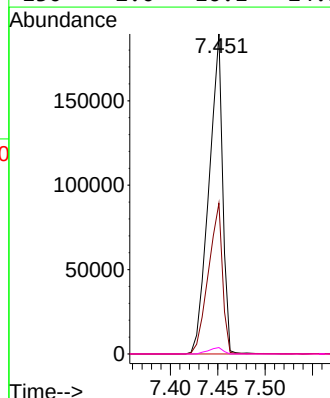
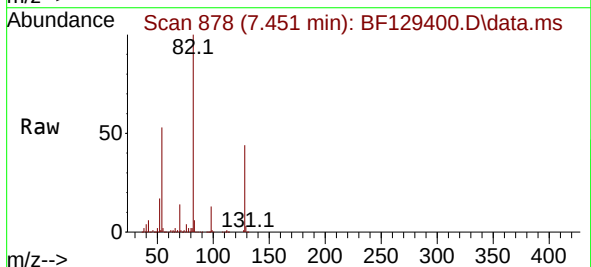
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	35.9	28.9	43.3

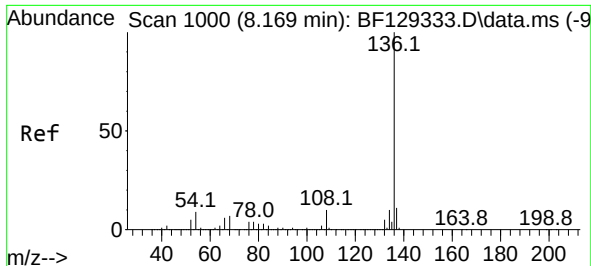


#19
n-Nitroso-di-n-propylamine
Concen: 18.438 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Tgt Ion: 70 Resp: 190422

Ion	Ratio	Lower	Upper
70	100		
42	47.1	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

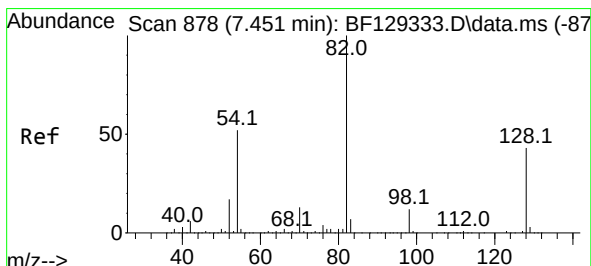
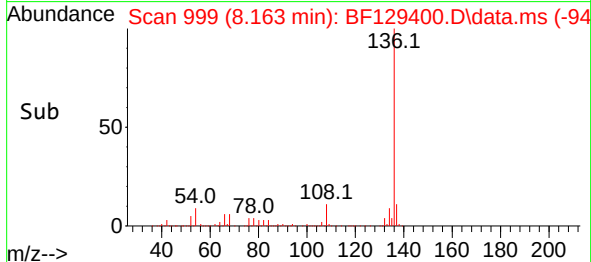
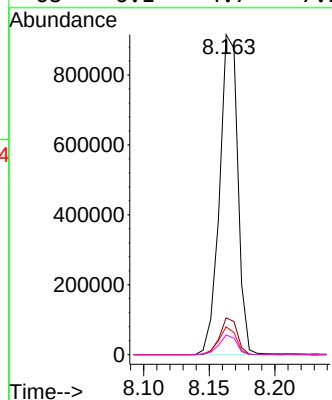
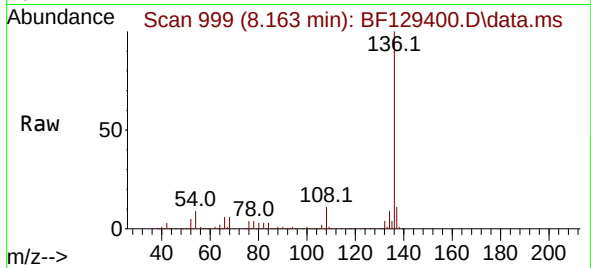




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

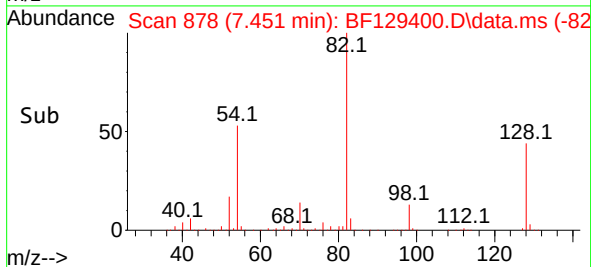
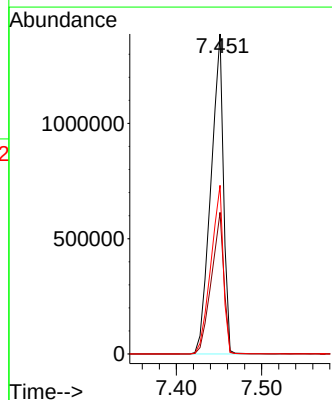
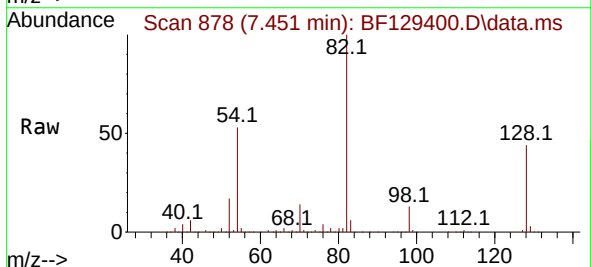
Instrument :
BNA_F
ClientSampleId :
PB146497BL

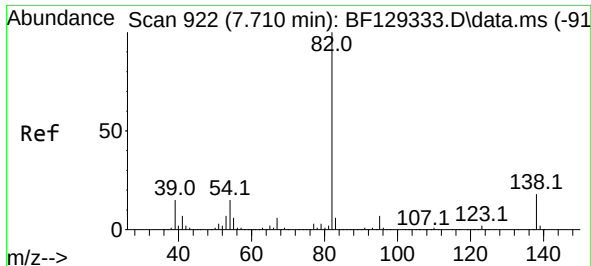
Tgt Ion:136 Resp: 889306
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.7 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 87.349 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Tgt Ion: 82 Resp: 1423002
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.7 46.9 70.3

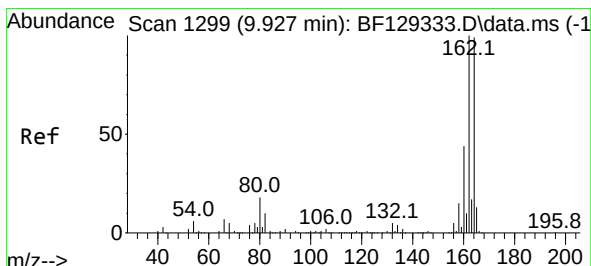
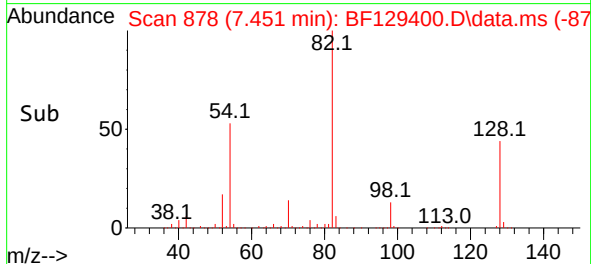
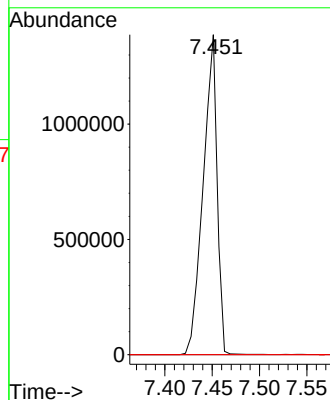
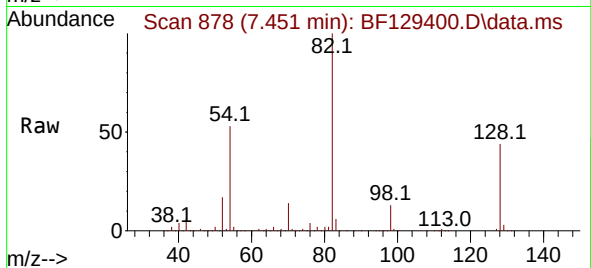




#25
Isophorone
Concen: 48.698 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

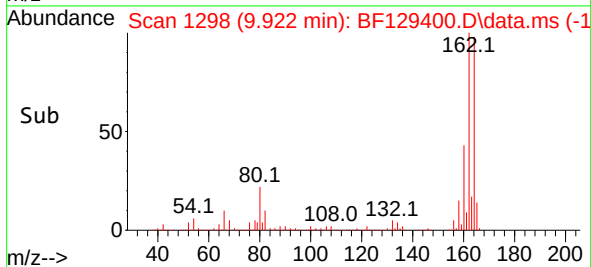
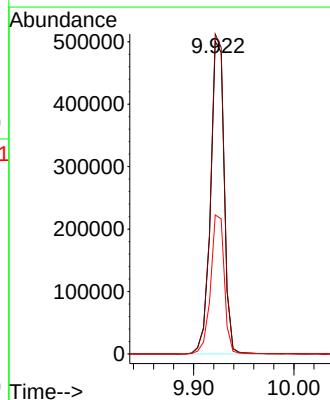
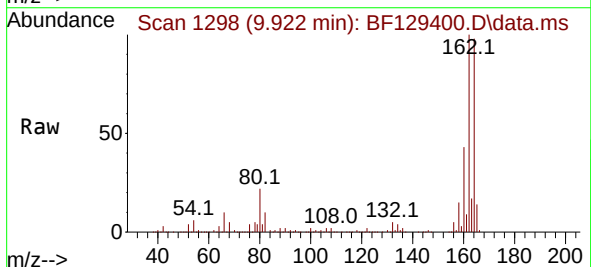
Instrument :
BNA_F
ClientSampleId :
PB146497BL

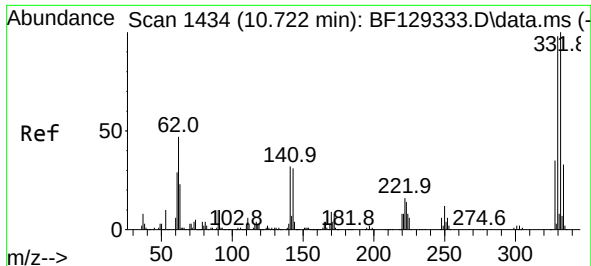
Tgt Ion: 82 Resp: 1422062
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Tgt Ion:164 Resp: 472807
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.964 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF129400.D

Acq: 28 Jul 2022 10:20

Instrument :

BNA_F

ClientSampleId :

PB146497BL

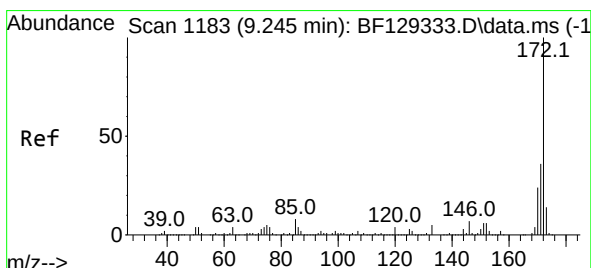
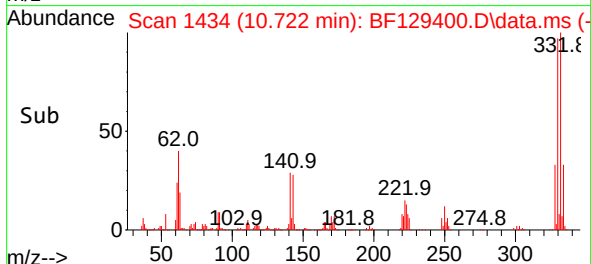
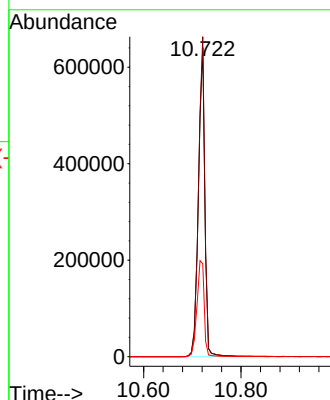
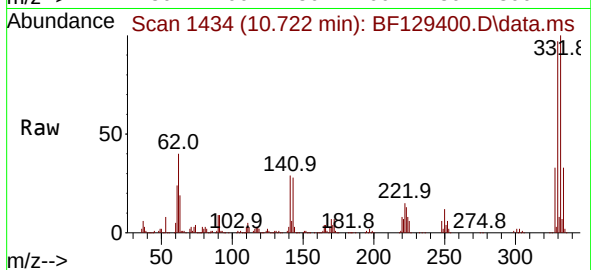
Tgt Ion:330 Resp: 595322

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.284 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129400.D

Acq: 28 Jul 2022 10:20

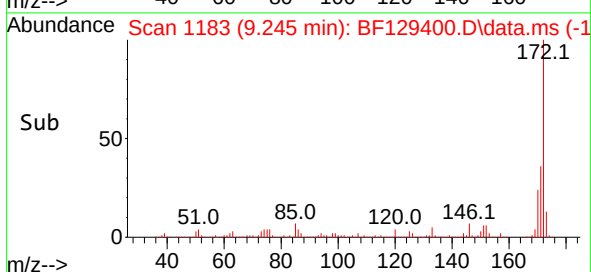
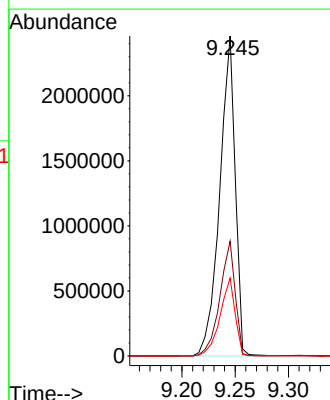
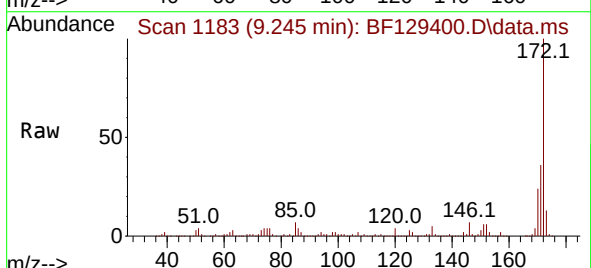
Tgt Ion:172 Resp: 2484346

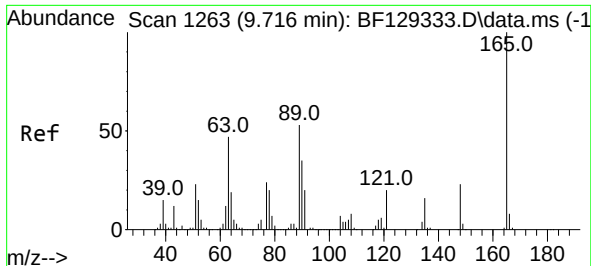
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.448 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129400.D

Acq: 28 Jul 2022 10:20

Instrument :

BNA_F

ClientSampleId :

PB146497BL

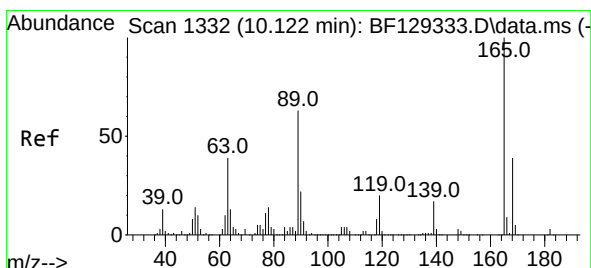
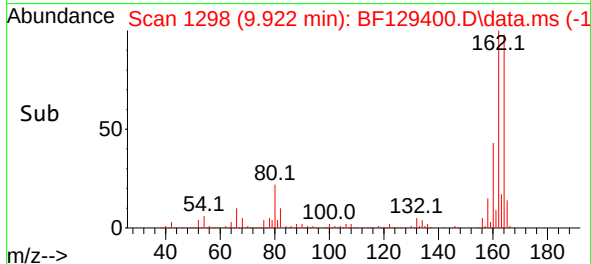
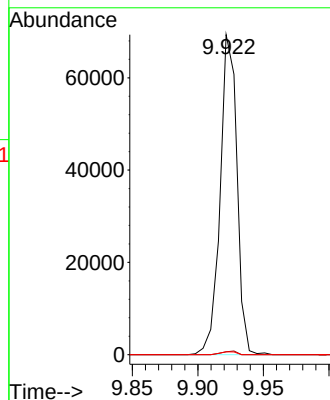
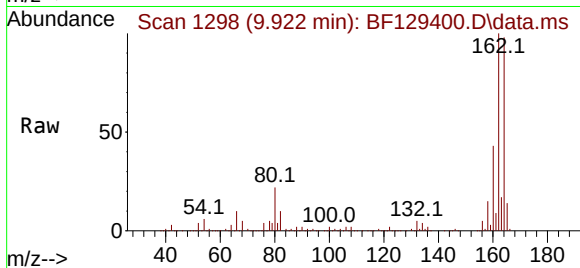
Tgt Ion:165 Resp: 61715

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 0.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.467 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129400.D

Acq: 28 Jul 2022 10:20

Tgt Ion:165 Resp: 61715

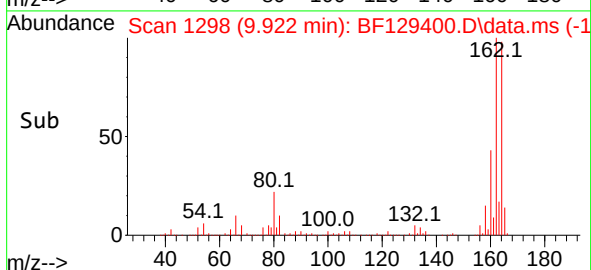
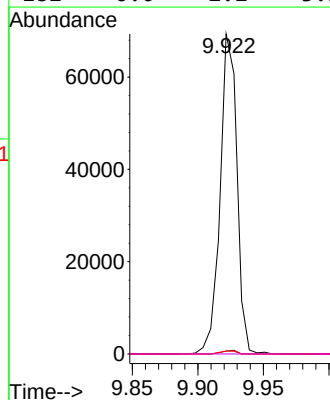
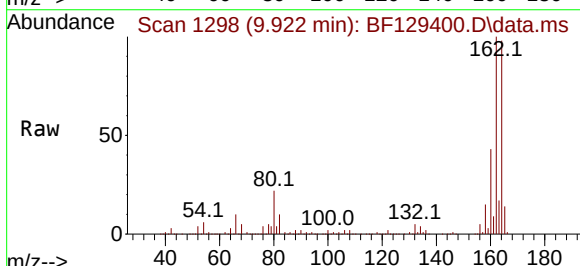
Ion Ratio Lower Upper

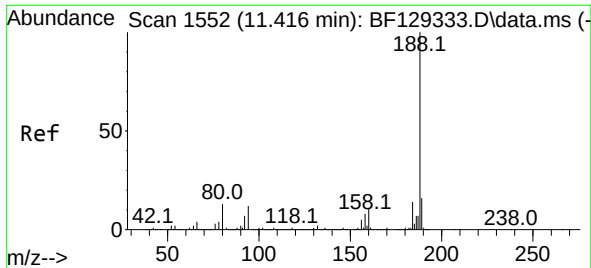
165 100

63 0.9 39.8 59.6#

89 0.9 60.2 90.2#

182 0.0 2.2 3.2#

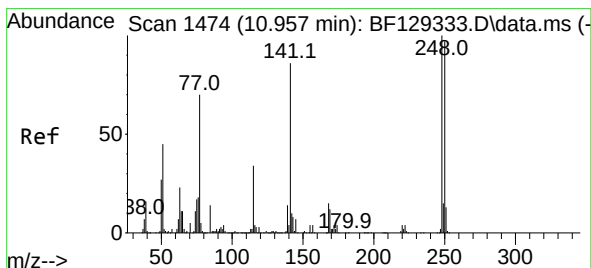
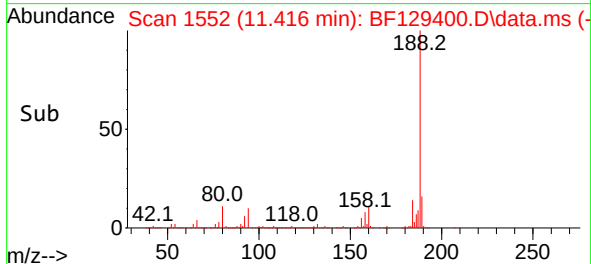
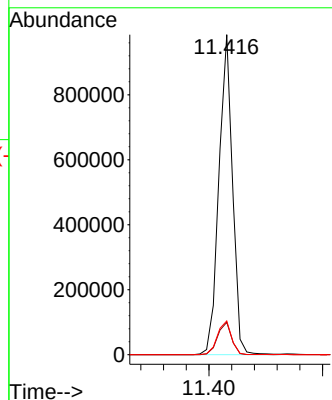
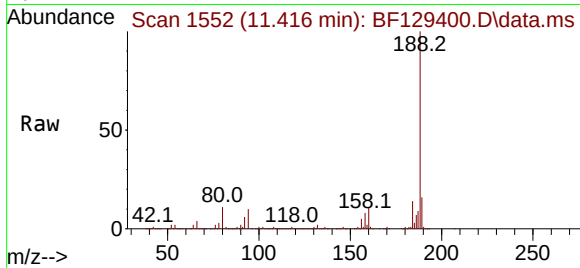




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

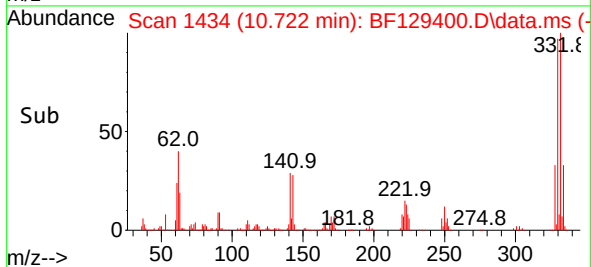
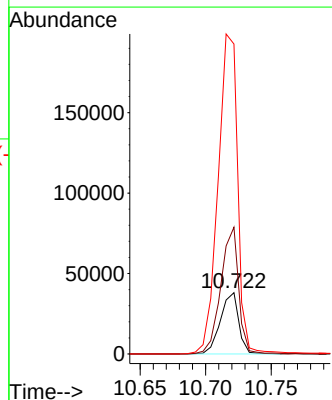
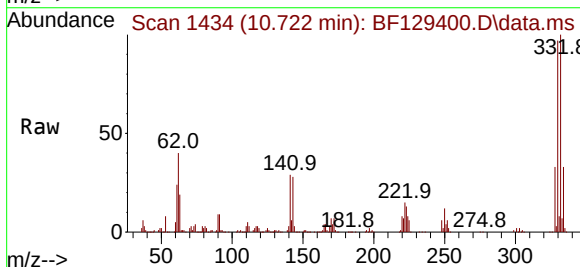
Instrument :
BNA_F
ClientSampleId :
PB146497BL

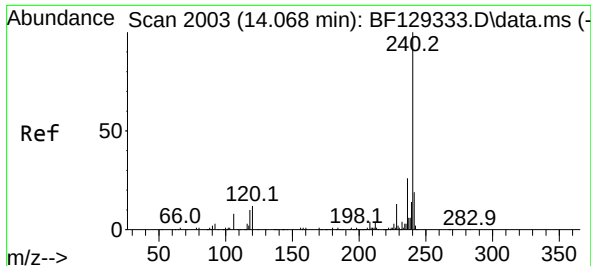
Tgt Ion:188 Resp: 822241
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.114 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Tgt Ion:248 Resp: 37039
Ion Ratio Lower Upper
248 100
250 206.9 80.6 120.8#
141 506.1 58.9 88.3#

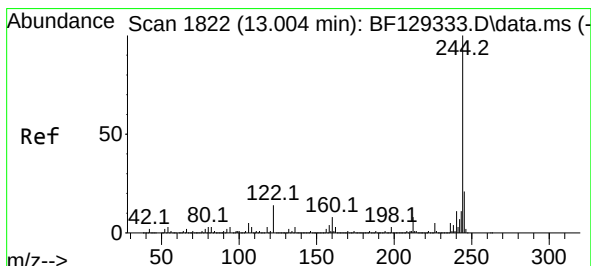
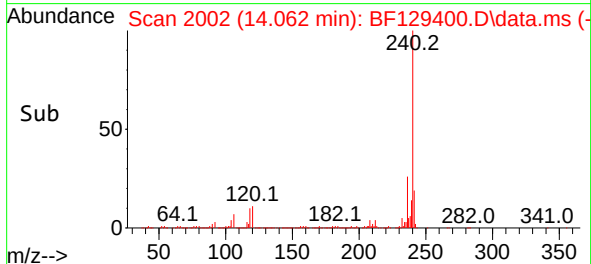
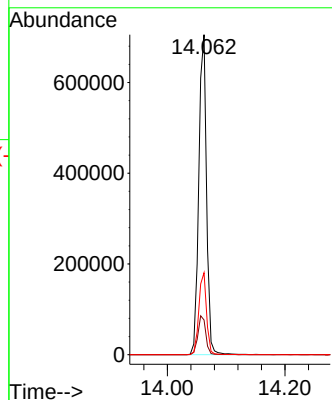
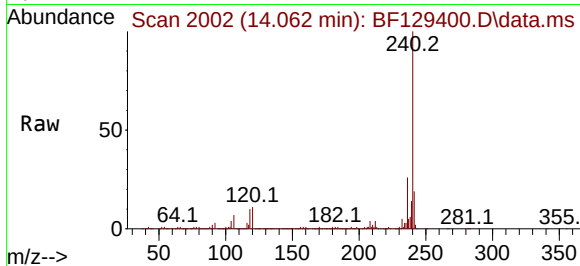




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

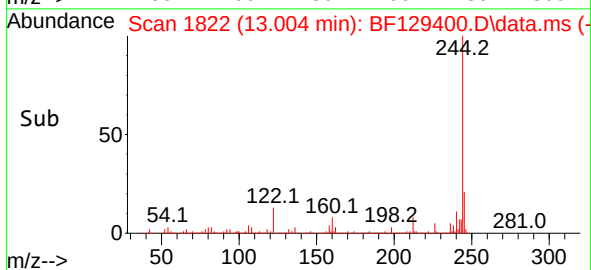
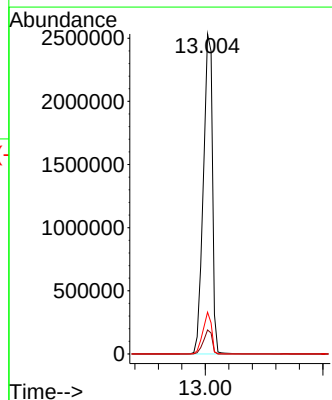
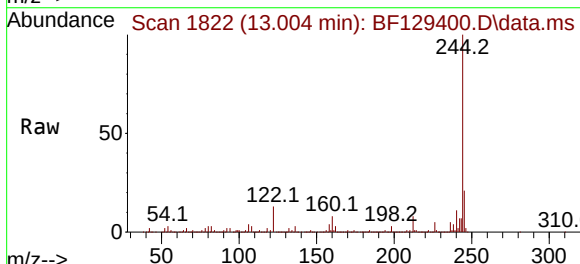
Instrument :
BNA_F
ClientSampleId :
PB146497BL

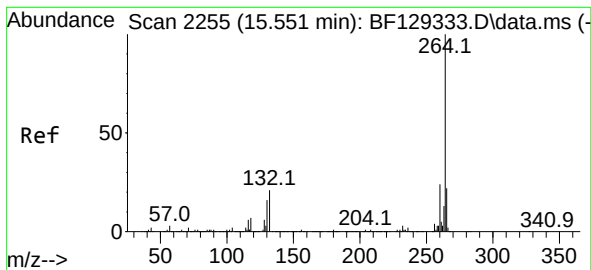
Tgt Ion:240 Resp: 645361
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 79.746 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Tgt Ion:244 Resp: 2727941
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF129400.D
Acq: 28 Jul 2022 10:20

Instrument :
BNA_F
ClientSampleId :
PB146497BL

Tgt Ion:264 Resp: 571034
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.0 17.2 25.8

