

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129595.D
 Acq On : 05 Aug 2022 11:31
 Operator : CG\JU
 Sample : PB146609BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146609BL

Quant Time: Aug 05 16:29:42 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 16:27:34 2022
 Response via : Initial Calibration

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

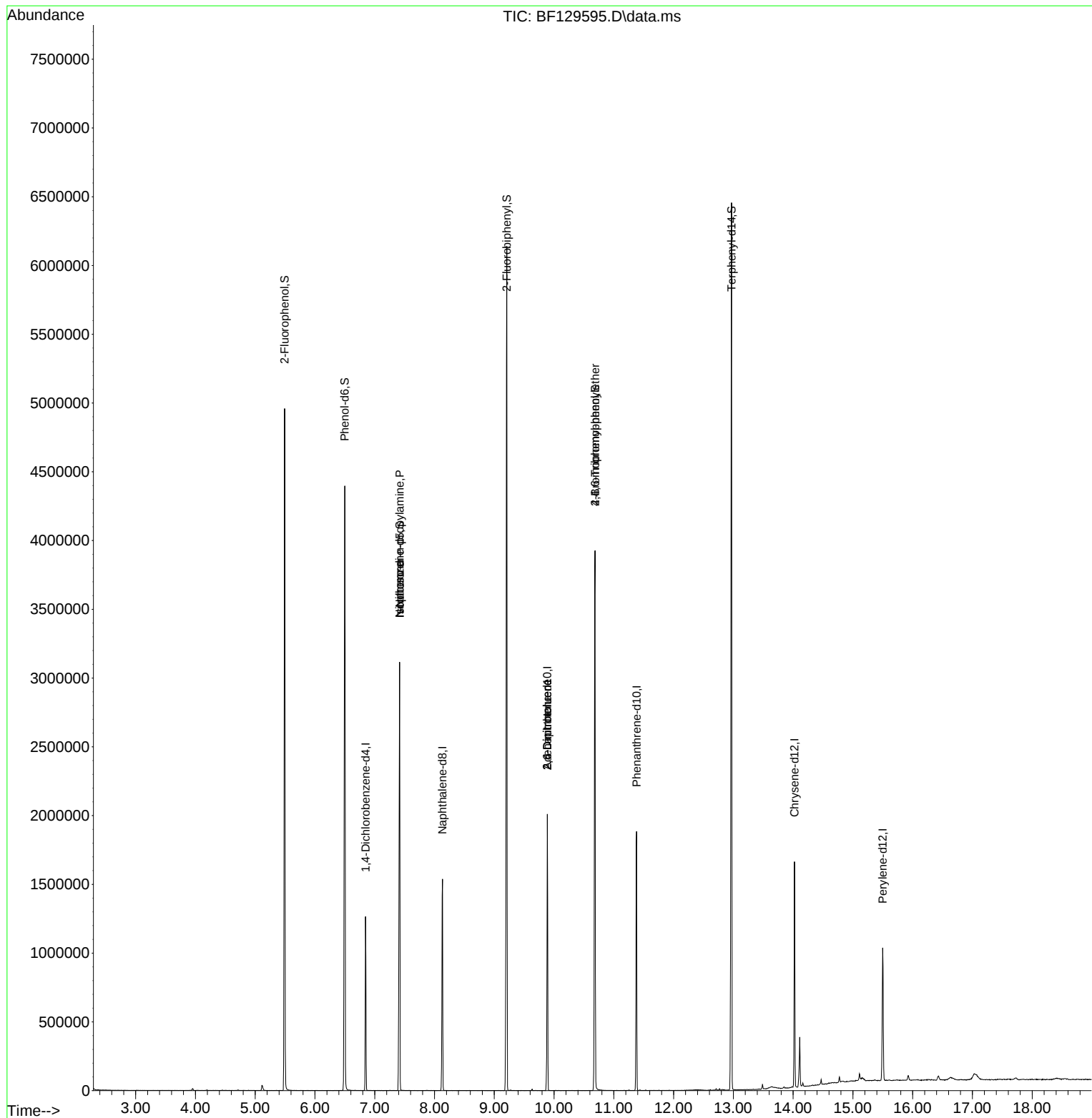
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	177533	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	730854	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	397235	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	692380	20.000	ng	0.00
76) Chrysene-d12	14.021	240	503674	20.000	ng	0.00
86) Perylene-d12	15.498	264	409785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1367316	125.462	ng	0.01
7) Phenol-d6	6.498	99	1750332	127.775	ng	0.00
23) Nitrobenzene-d5	7.416	82	1119620	83.626	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	507462	132.874	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2050553	79.855	ng	0.00
79) Terphenyl-d14	12.969	244	2298717	86.102	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	148544	17.912	ng	# 73
25) Isophorone	7.416	82	1101671	45.905	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	50760	8.270	ng	# 25
57) 2,4-Dinitrotoluene	9.886	165	50760	6.331	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	31789	4.193	ng	# 1

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

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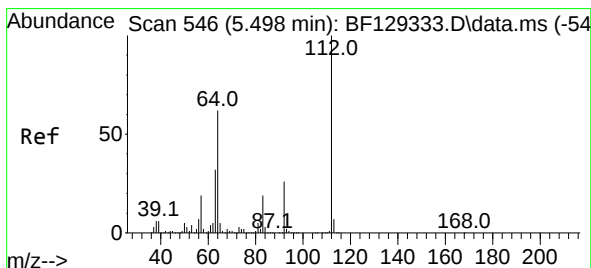
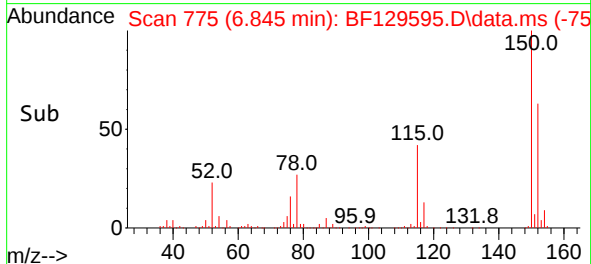
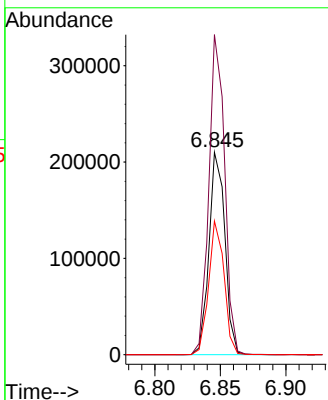
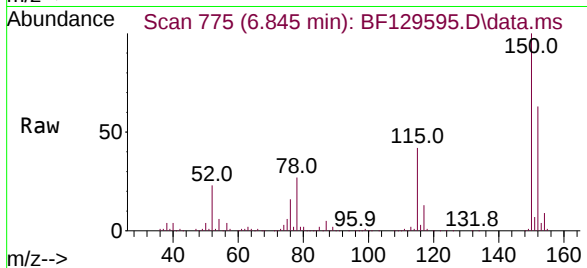




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129595.D
 Acq: 05 Aug 2022 11:31

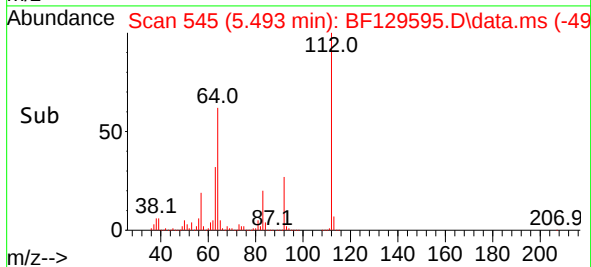
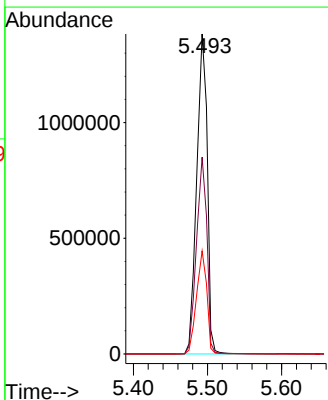
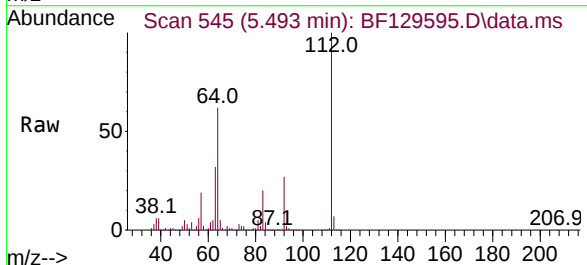
Instrument :
 BNA_F
 ClientSampleId :
 PB146609BL

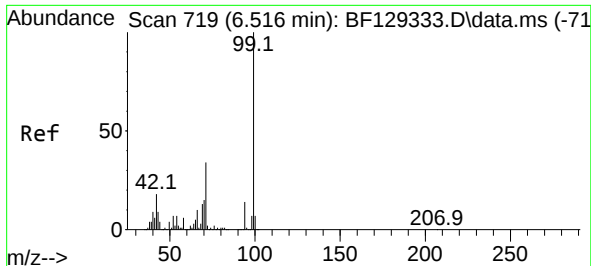
Tgt Ion:152 Resp: 177533
 Ion Ratio Lower Upper
 152 100
 150 158.1 123.7 185.5
 115 66.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 125.462 ng
 RT: 5.493 min Scan# 545
 Delta R.T. 0.012 min
 Lab File: BF129595.D
 Acq: 05 Aug 2022 11:31

Tgt Ion:112 Resp: 1367316
 Ion Ratio Lower Upper
 112 100
 64 61.5 53.3 79.9
 63 32.2 28.0 42.0

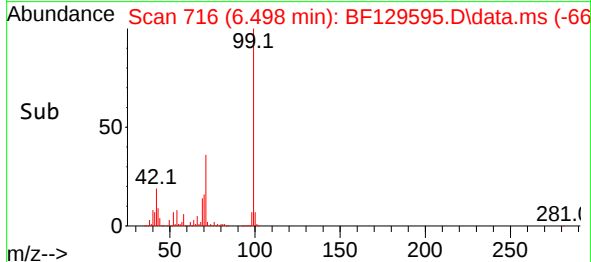
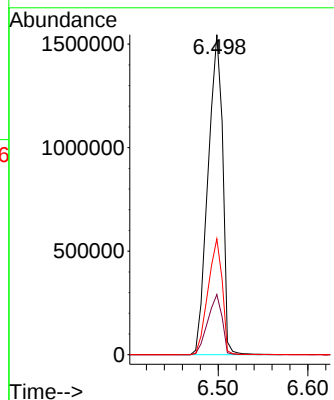
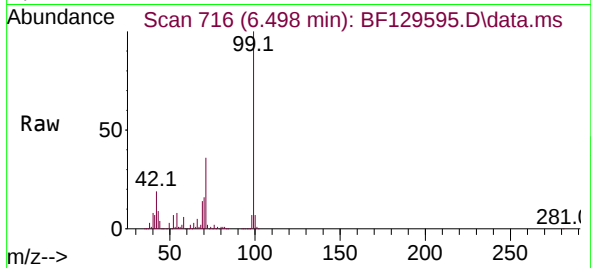




#7
Phenol-d6
Concen: 127.775 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

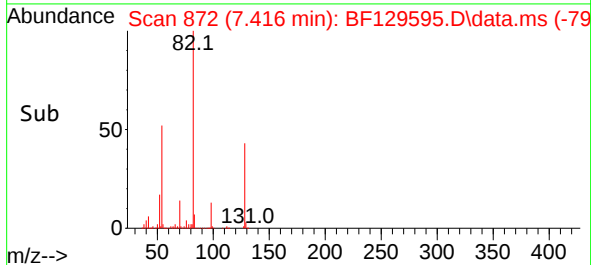
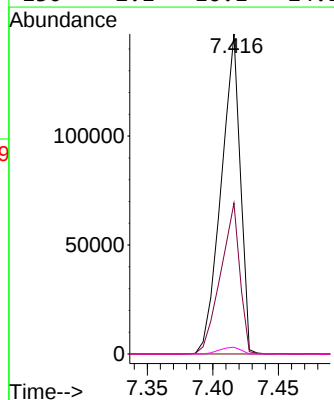
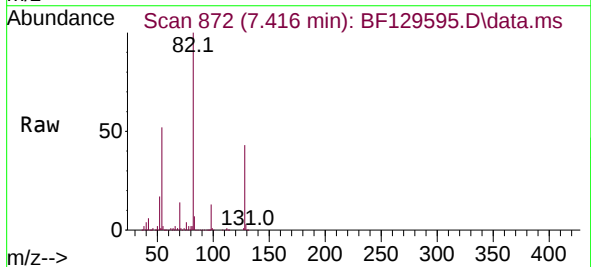
Instrument :
BNA_F
ClientSampleId :
PB146609BL

Tgt Ion: 99 Resp: 1750332
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 36.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.912 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.147 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Tgt Ion: 70 Resp: 148544
Ion Ratio Lower Upper
70 100
42 47.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

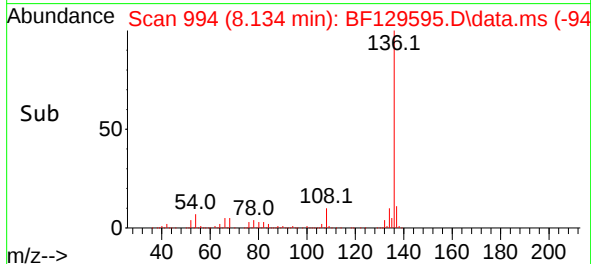
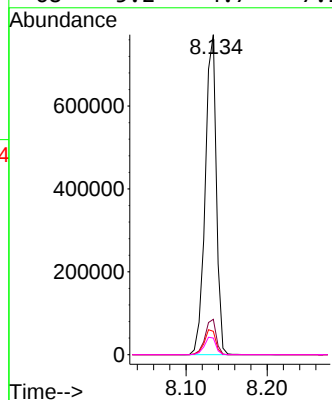
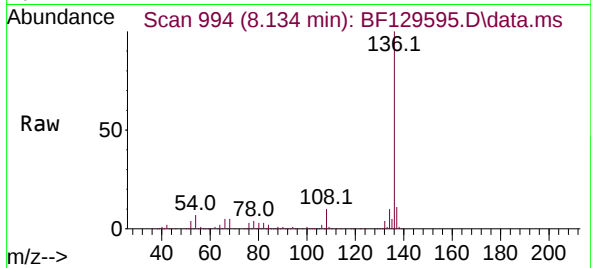




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

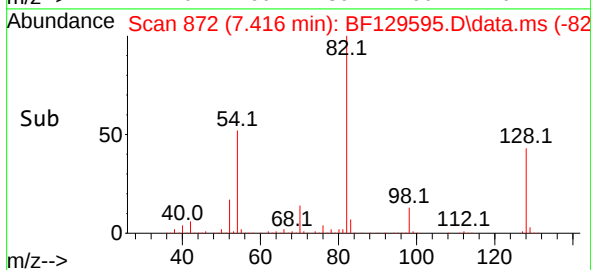
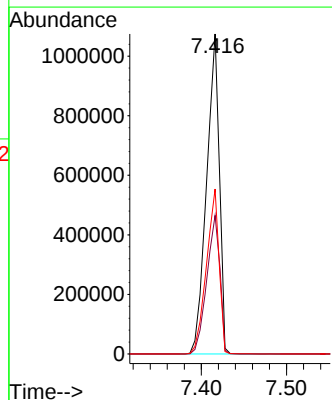
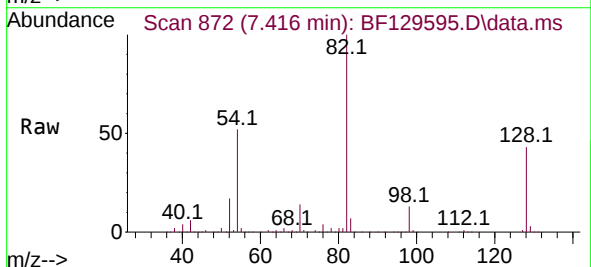
Instrument :
BNA_F
ClientSampleId :
PB146609BL

Tgt Ion:136 Resp: 730854
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 7.5 11.3#
68 5.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 83.626 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Tgt Ion: 82 Resp: 1119620
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 51.5 46.9 70.3

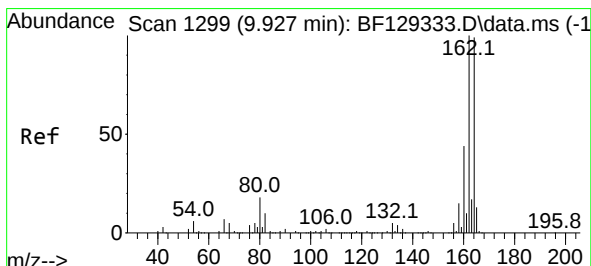
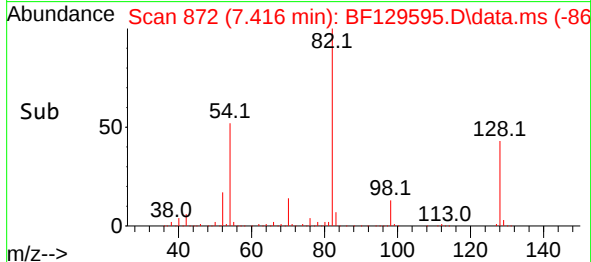
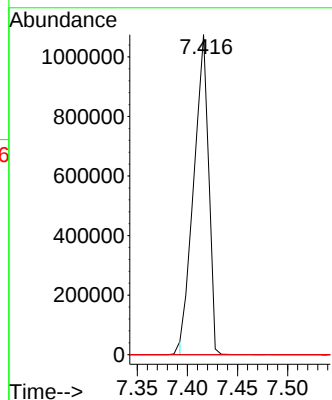
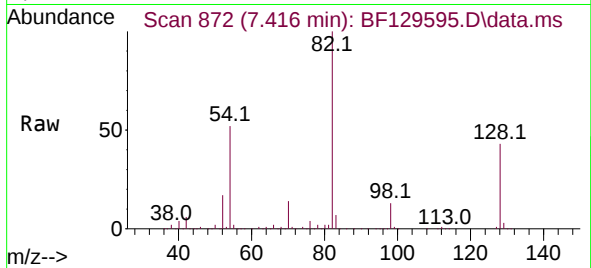




#25
Isophorone
Concen: 45.905 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

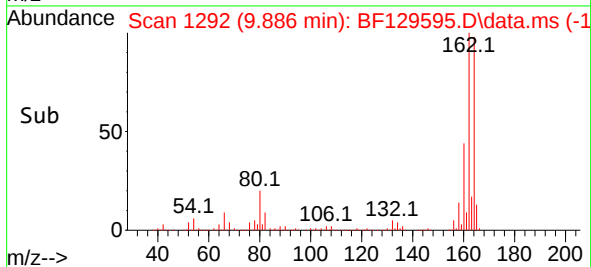
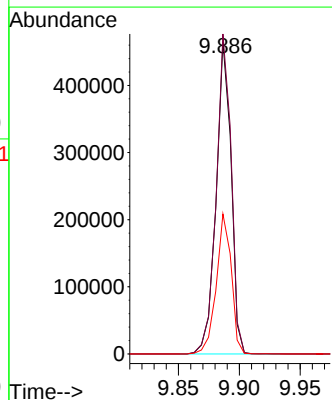
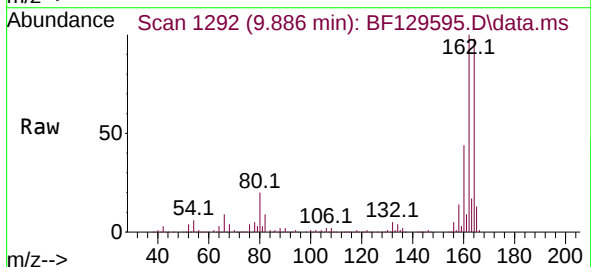
Instrument :
BNA_F
ClientSampleId :
PB146609BL

Tgt Ion: 82 Resp: 1101671
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: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Tgt Ion:164 Resp: 397235
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.8 34.2 51.4

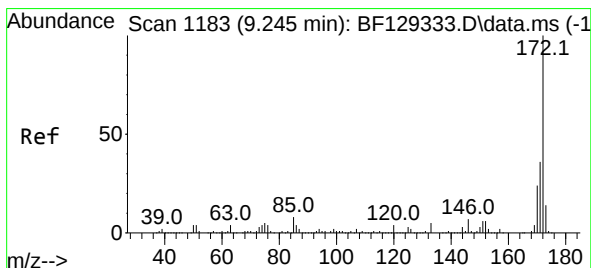
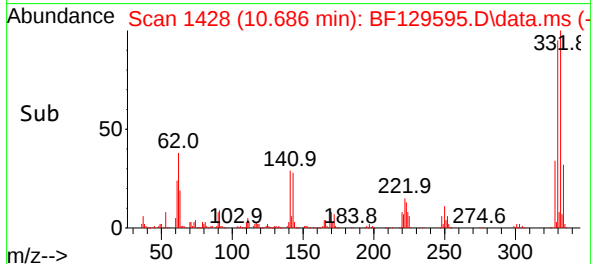
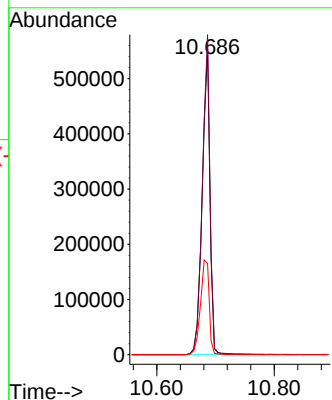
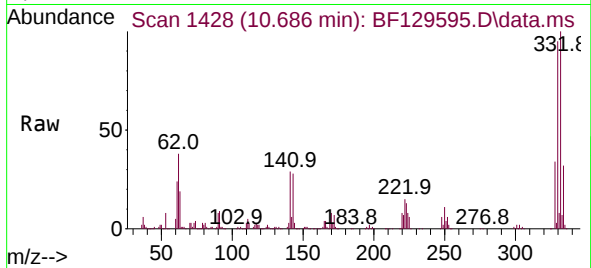




#42
2,4,6-Tribromophenol
Concen: 132.874 ng
RT: 10.686 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

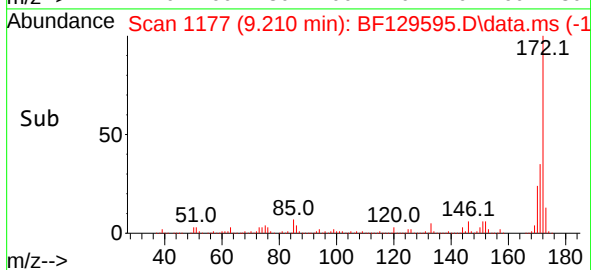
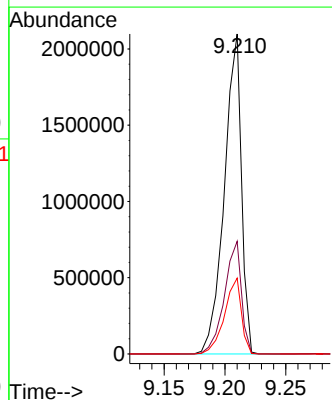
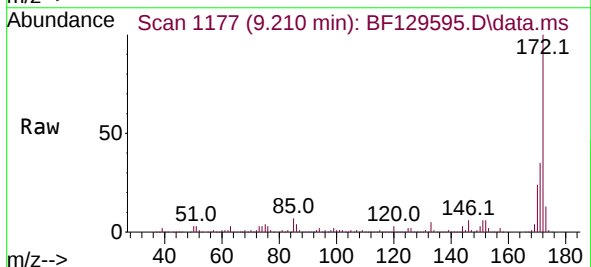
Instrument :
BNA_F
ClientSampleId :
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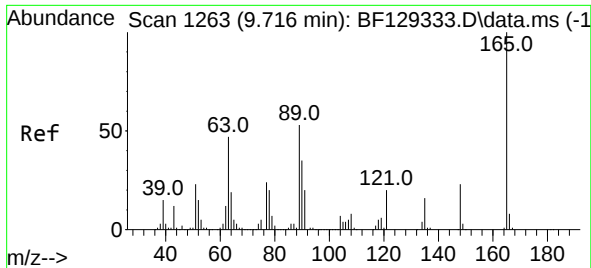
Tgt Ion:330 Resp: 507462
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 35.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 79.855 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Tgt Ion:172 Resp: 2050553
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.270 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF129595.D

Acq: 05 Aug 2022 11:31

Instrument :

BNA_F

ClientSampleId :

PB146609BL

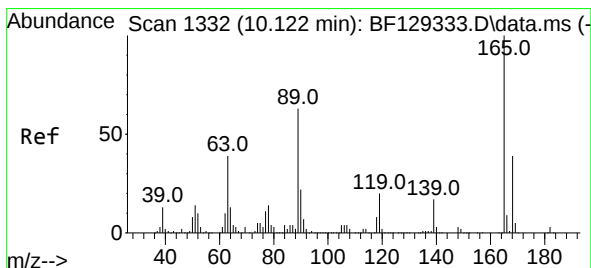
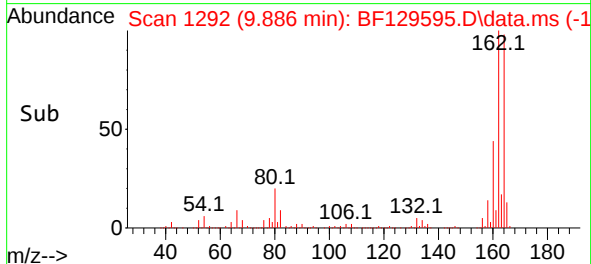
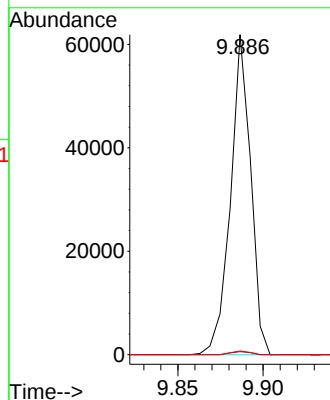
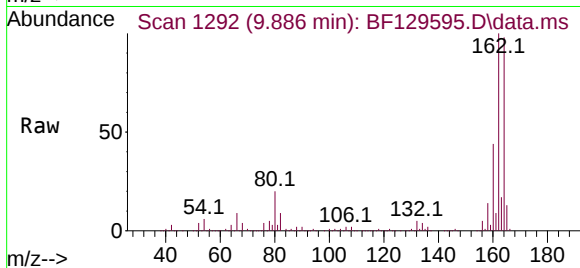
Tgt Ion:165 Resp: 50760

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.1 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.331 ng

RT: 9.886 min Scan# 1292

Delta R.T. -0.200 min

Lab File: BF129595.D

Acq: 05 Aug 2022 11:31

Tgt Ion:165 Resp: 50760

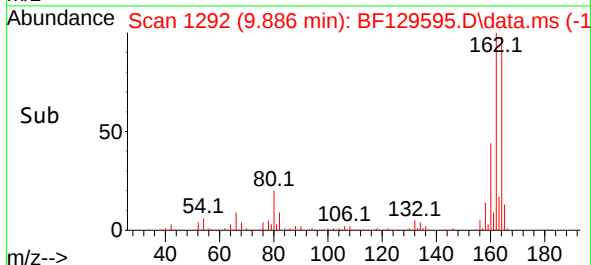
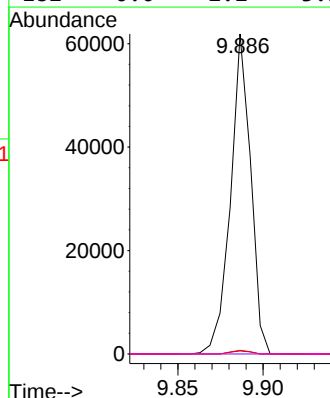
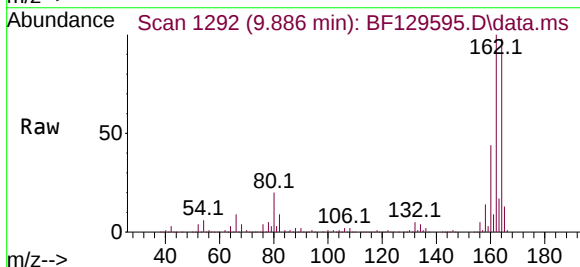
Ion Ratio Lower Upper

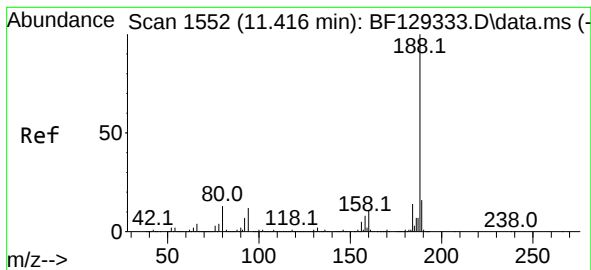
165 100

63 1.0 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: 11.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129595.D

Acq: 05 Aug 2022 11:31

Instrument :

BNA_F

ClientSampleId :

PB146609BL

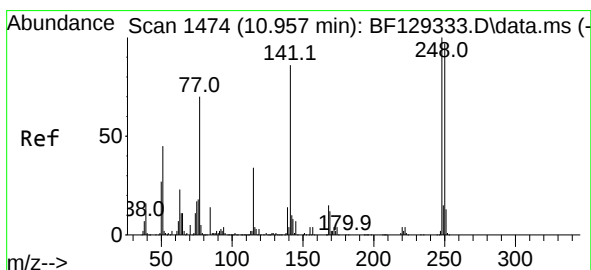
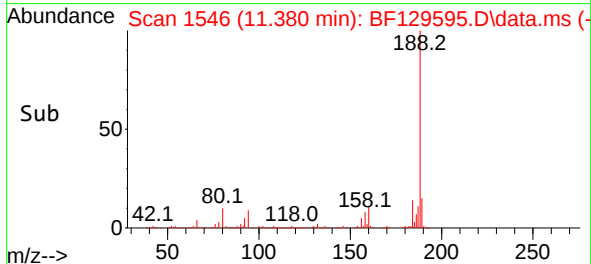
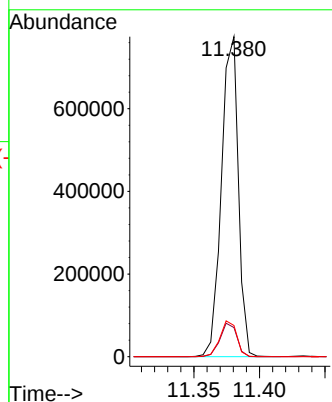
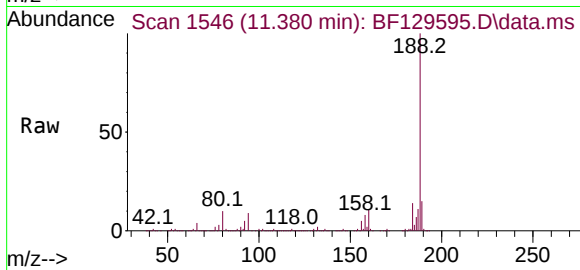
Tgt Ion:188 Resp: 692380

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.6

80 9.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.193 ng

RT: 10.686 min Scan# 1428

Delta R.T. -0.235 min

Lab File: BF129595.D

Acq: 05 Aug 2022 11:31

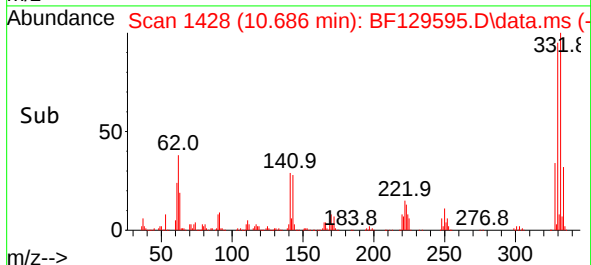
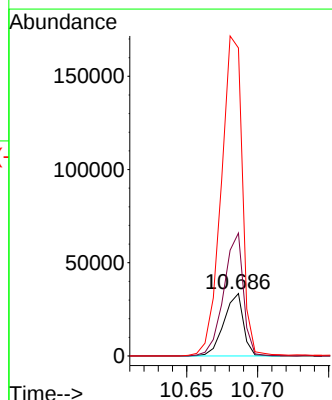
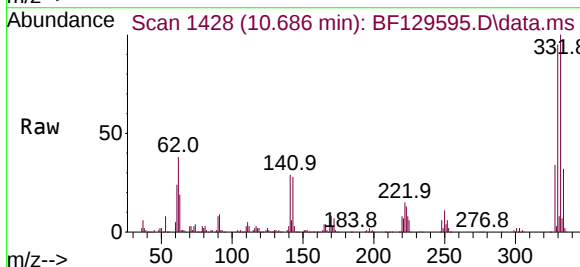
Tgt Ion:248 Resp: 31789

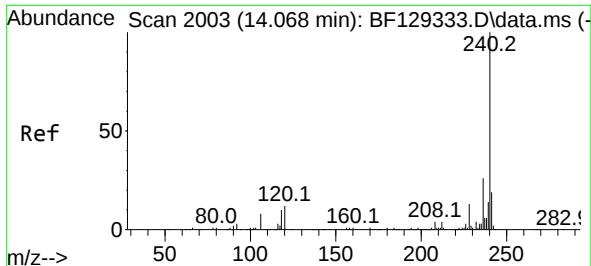
Ion Ratio Lower Upper

248 100

250 196.8 80.6 120.8#

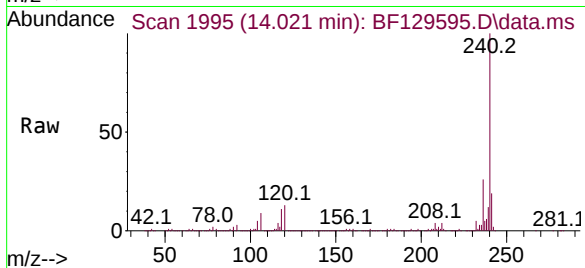
141 493.2 58.9 88.3#



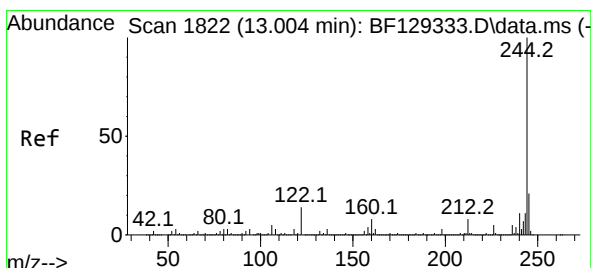
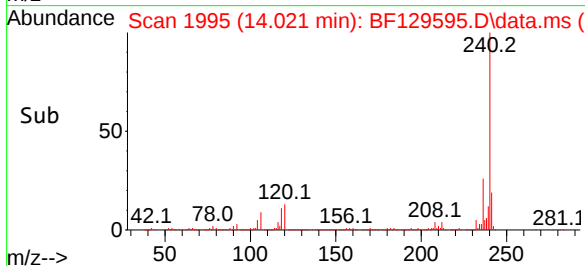
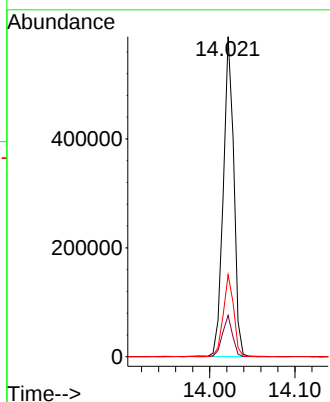


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Instrument :
BNA_F
ClientSampleId :
PB146609BL

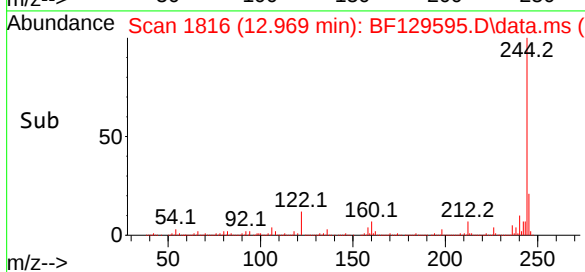
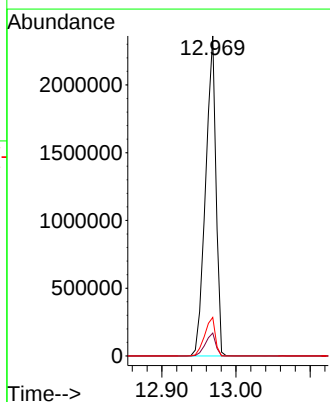
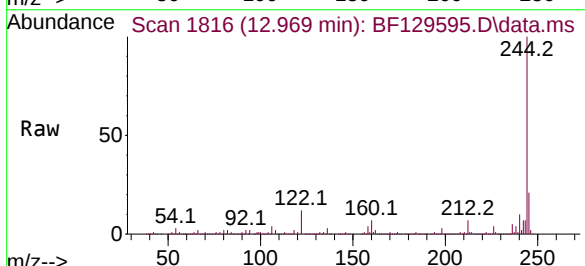


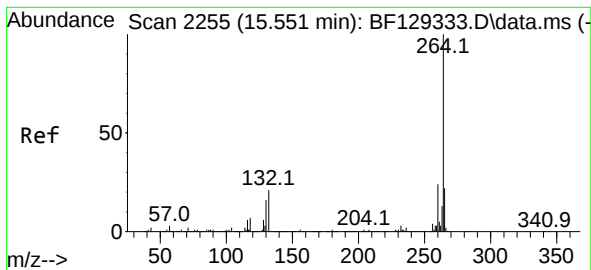
Tgt Ion:240 Resp: 503674
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 86.102 ng
RT: 12.969 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Tgt Ion:244 Resp: 2298717
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129595.D
Acq: 05 Aug 2022 11:31

Instrument :
BNA_F
ClientSampleId :
PB146609BL

Tgt Ion:264 Resp: 409785
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.0 17.2 25.8

