

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129450.D
 Acq On : 29 Jul 2022 19:43
 Operator : CG\JU
 Sample : N3858-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-A

Quant Time: Jul 30 01:10:48 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)

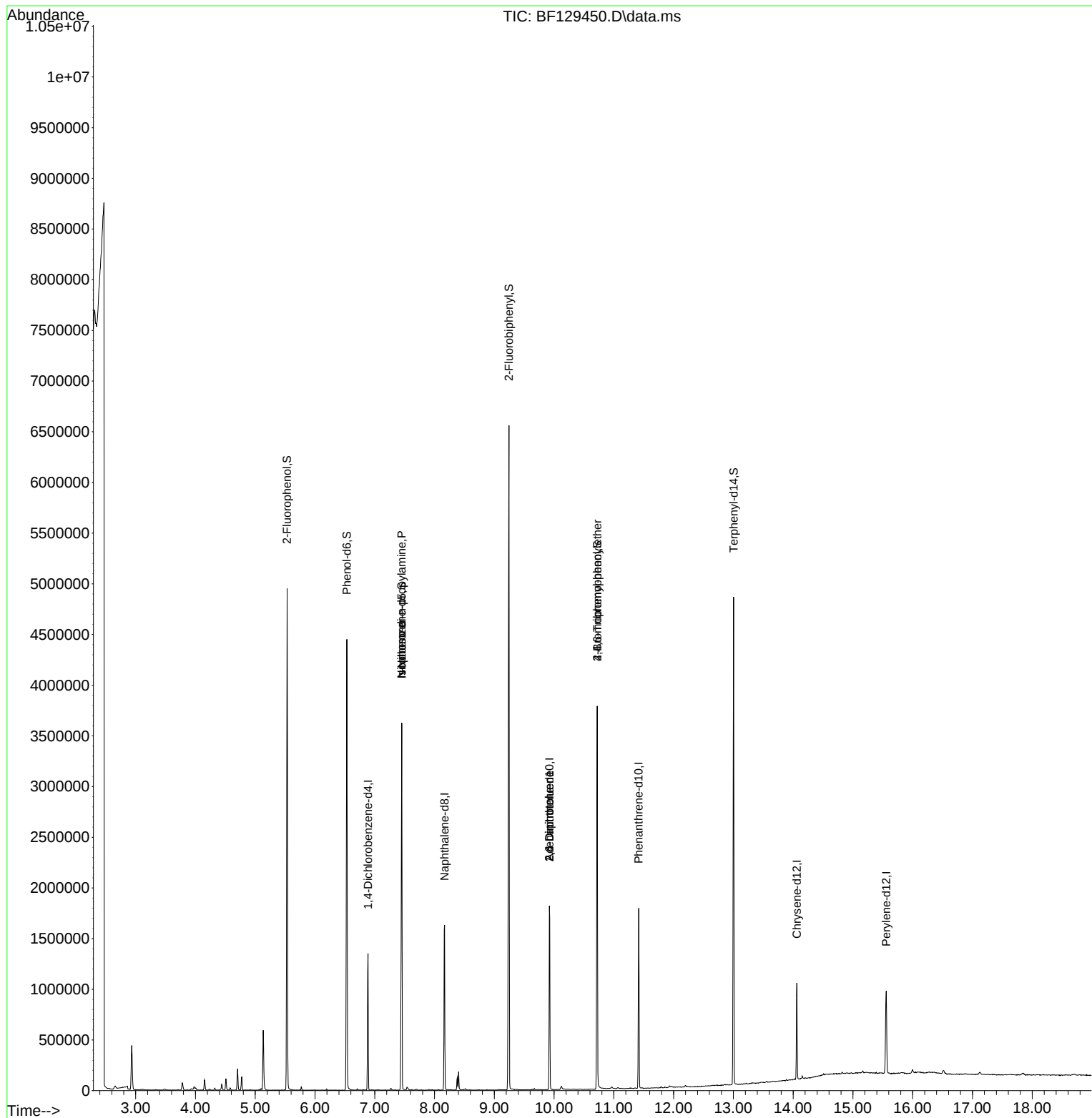
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	186311	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	745565	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	394344	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	591154	20.000	ng	0.00
76) Chrysene-d12	14.063	240	317868	20.000	ng	0.00
86) Perylene-d12	15.557	264	367519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1349384	117.983	ng	0.04
7) Phenol-d6	6.534	99	1540445	107.155	ng	0.02
23) Nitrobenzene-d5	7.451	82	1182618	86.589	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	436772	115.203	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2008897	78.806	ng	0.00
79) Terphenyl-d14	13.004	244	1538917	91.336	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	159332	18.308	ng	# 73
25) Isophorone	7.451	82	1178416	48.134	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	51030	8.375	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	51031	6.411	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	27803	4.295	ng	# 1

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

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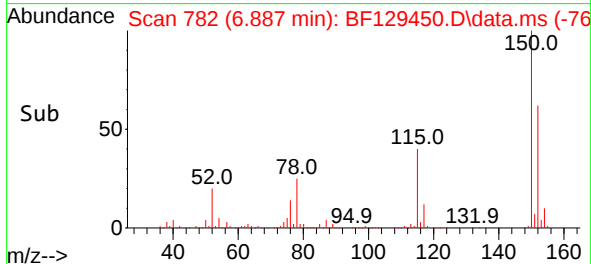
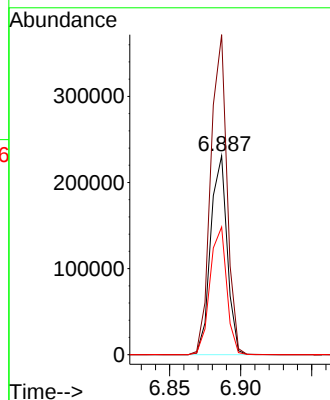
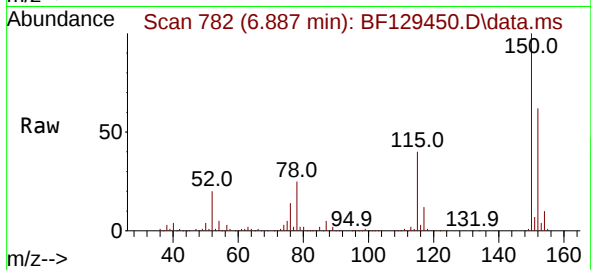




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF129450.D
 Acq: 29 Jul 2022 19:43

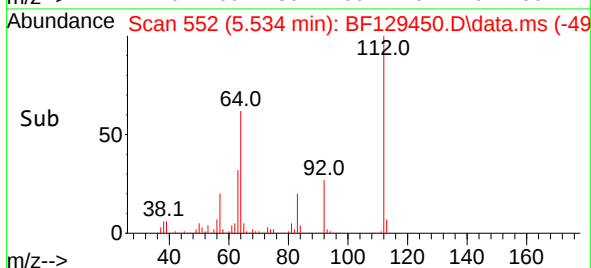
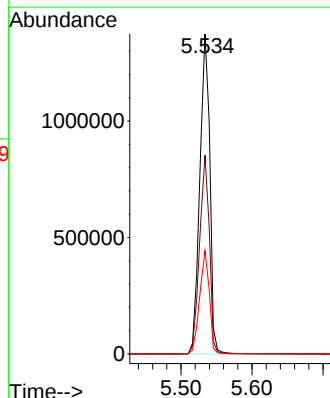
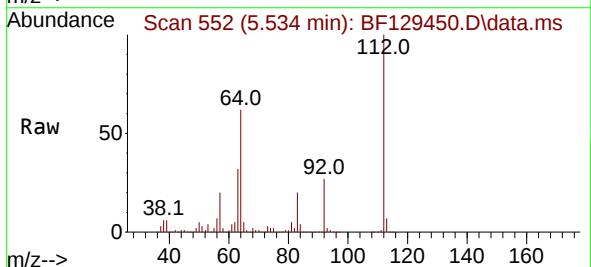
Instrument :
 BNA_F
 ClientSampleId :
 SB-A

Tgt Ion:152 Resp: 186311
 Ion Ratio Lower Upper
 152 100
 150 160.9 123.7 185.5
 115 64.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 117.983 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.035 min
 Lab File: BF129450.D
 Acq: 29 Jul 2022 19:43

Tgt Ion:112 Resp: 1349384
 Ion Ratio Lower Upper
 112 100
 64 62.1 53.3 79.9
 63 32.3 28.0 42.0

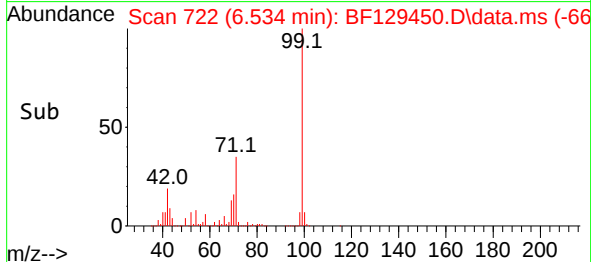
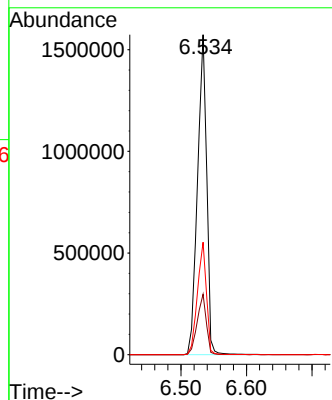
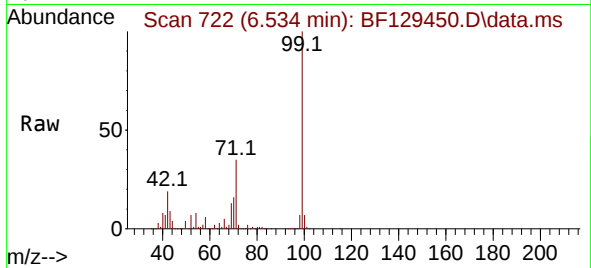




#7
Phenol-d6
Concen: 107.155 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

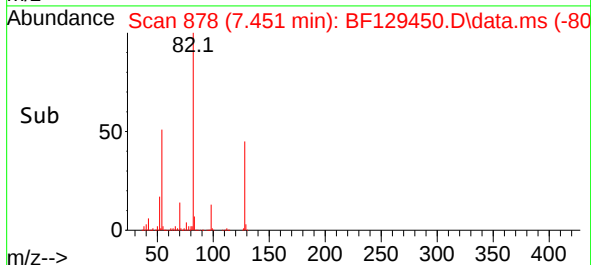
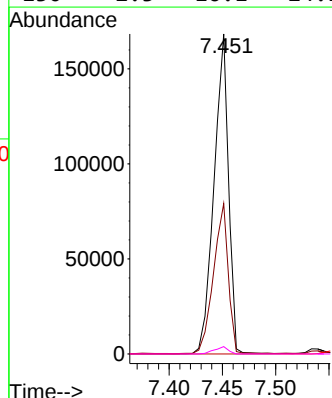
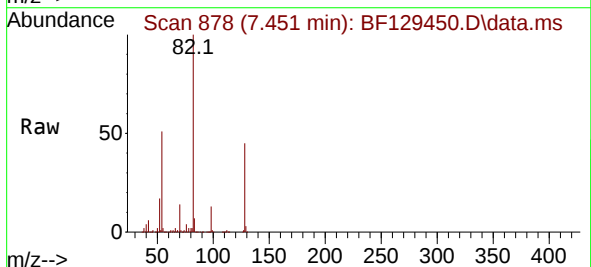
Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion: 99 Resp: 1540445
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.308 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 70 Resp: 159332
Ion Ratio Lower Upper
70 100
42 47.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

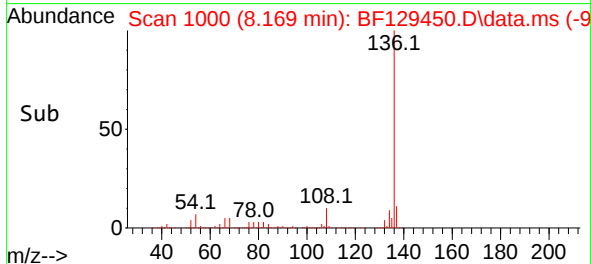
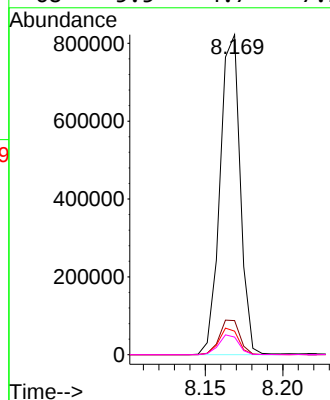
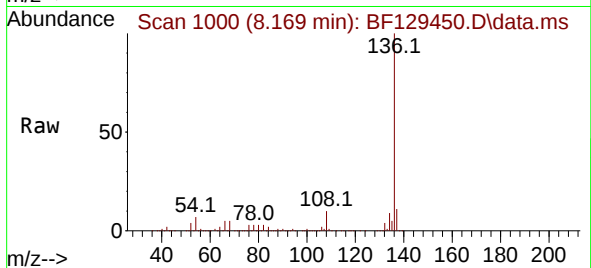




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

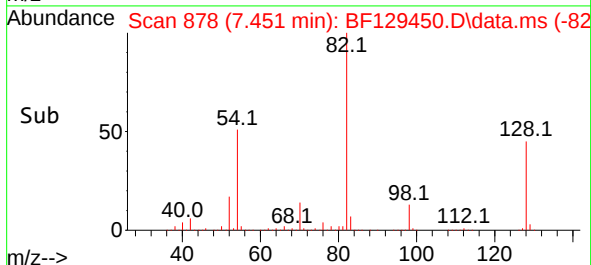
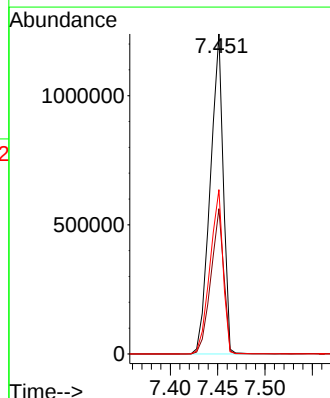
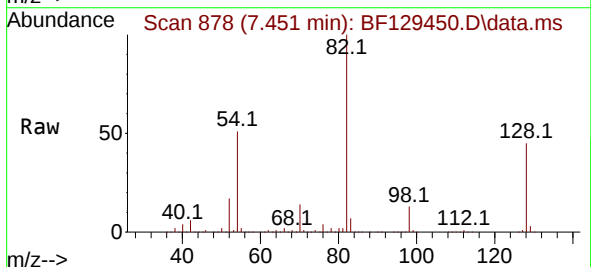
Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion:136 Resp: 745565
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 7.5 11.3#
68 5.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 86.589 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 82 Resp: 1182618
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 51.3 46.9 70.3





#25

Isophorone

Concen: 48.134 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF129450.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SB-A

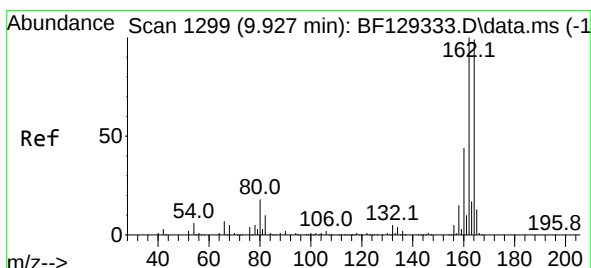
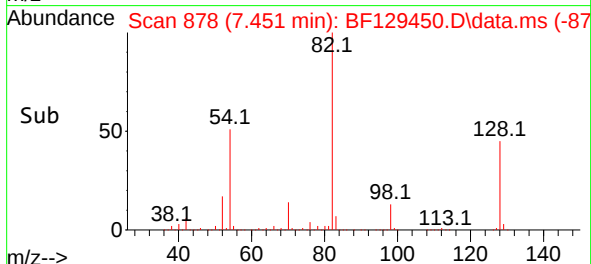
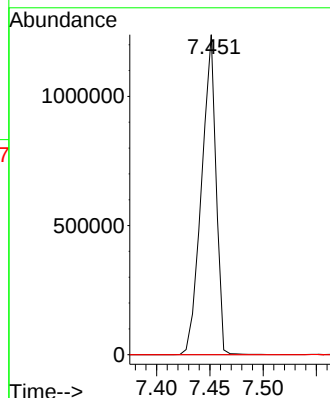
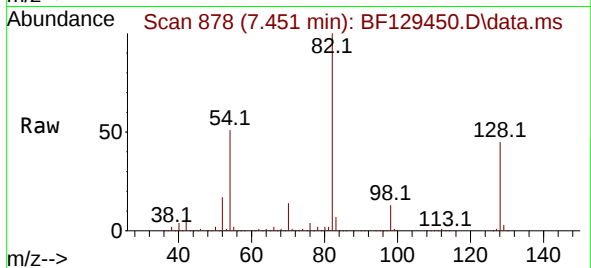
Tgt Ion: 82 Resp: 1178416

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: BF129450.D

Acq: 29 Jul 2022 19:43

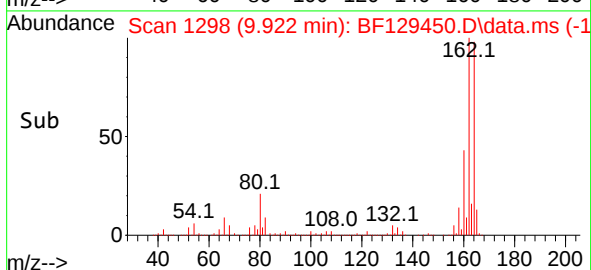
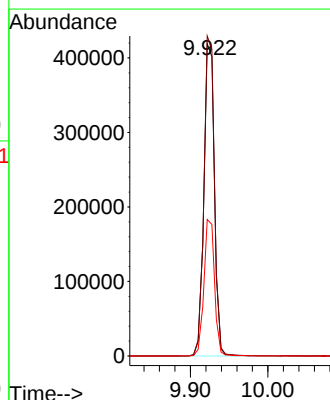
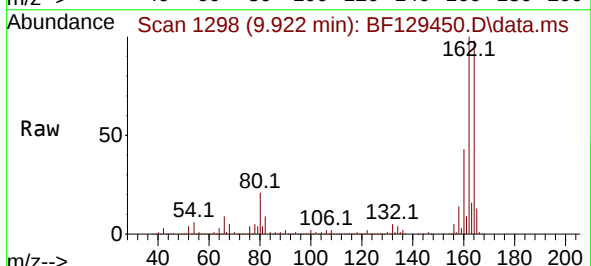
Tgt Ion:164 Resp: 394344

Ion Ratio Lower Upper

164 100

162 102.5 79.5 119.3

160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 115.203 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129450.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SB-A

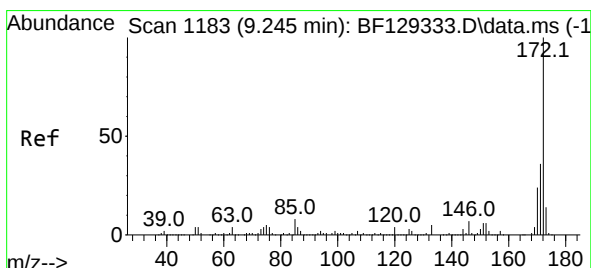
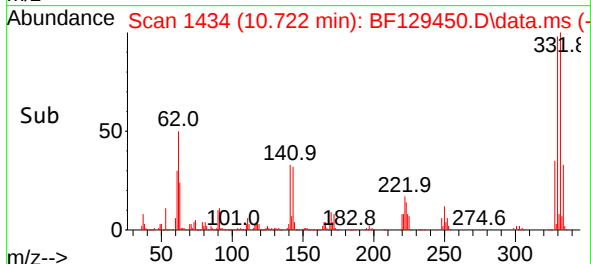
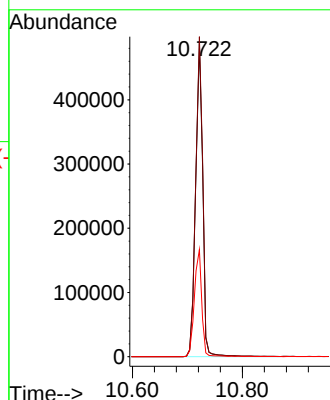
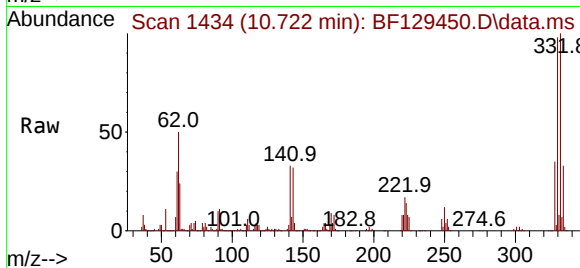
Tgt Ion:330 Resp: 436772

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.806 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129450.D

Acq: 29 Jul 2022 19:43

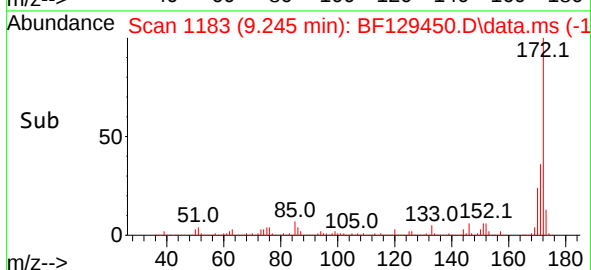
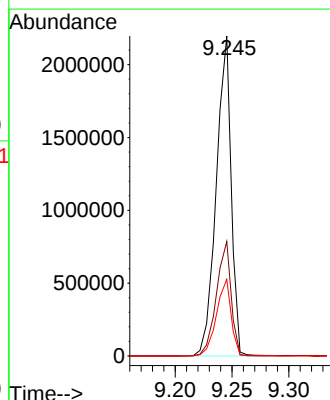
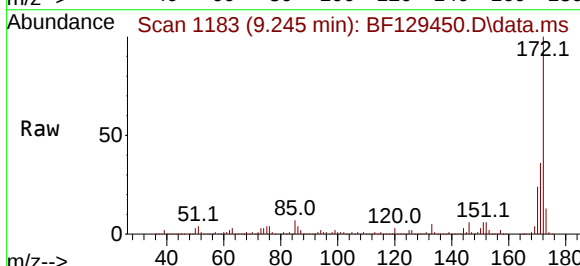
Tgt Ion:172 Resp: 2008897

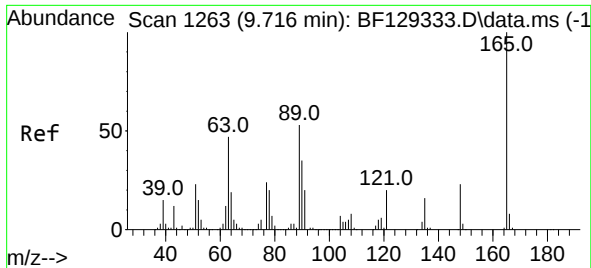
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.0 19.8 29.8

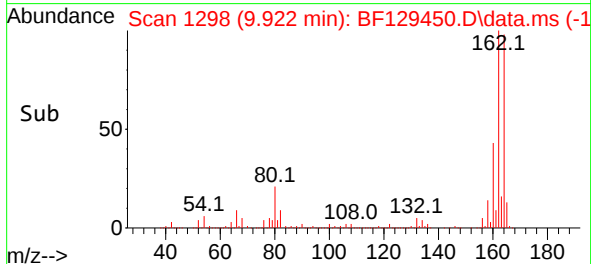
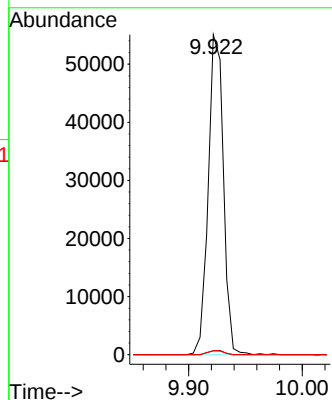
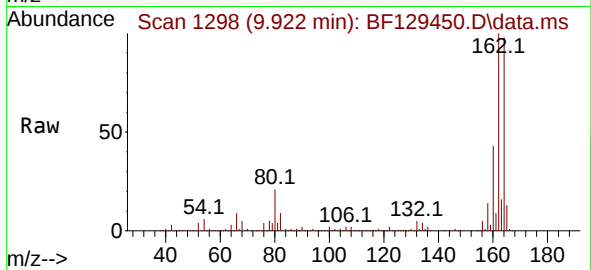




#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

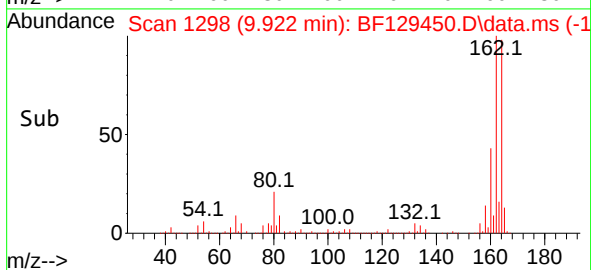
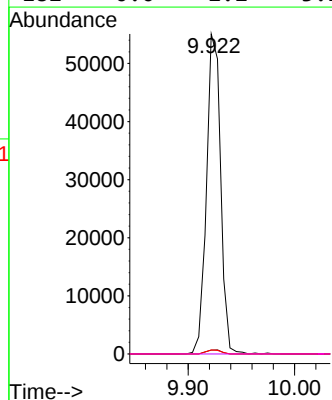
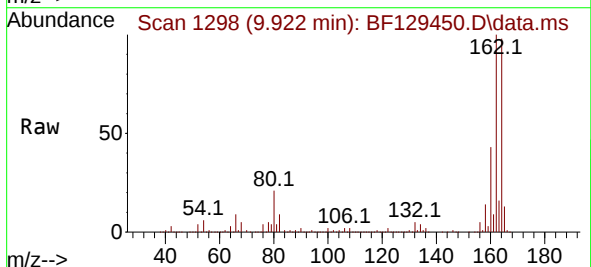
Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion:165 Resp: 51030
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion:165 Resp: 51031
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

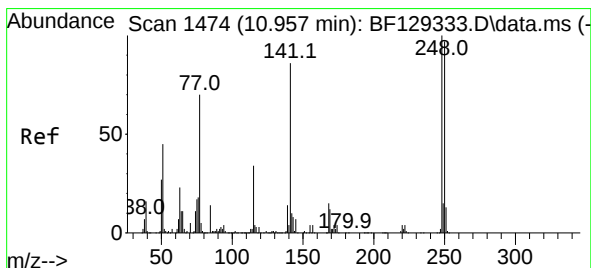
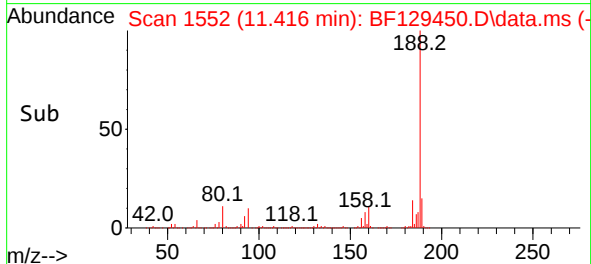
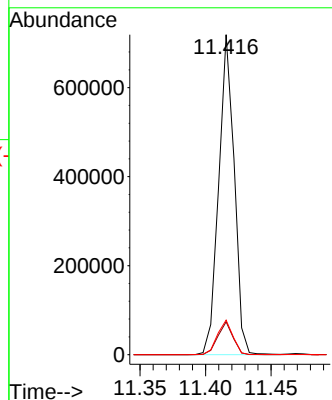
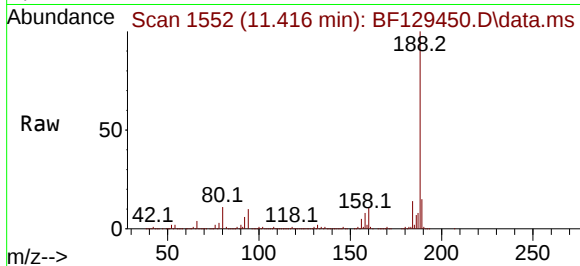




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

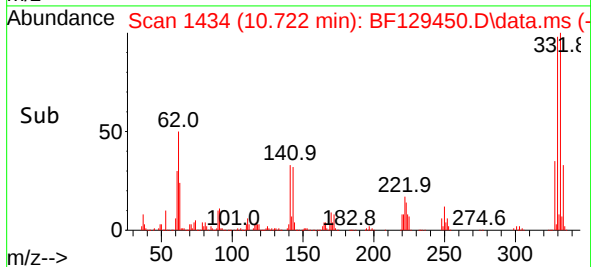
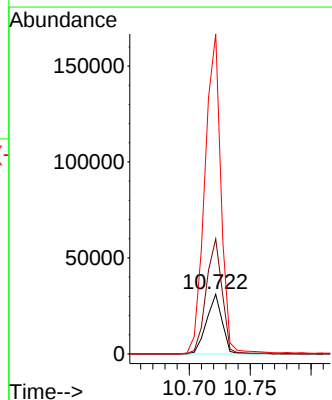
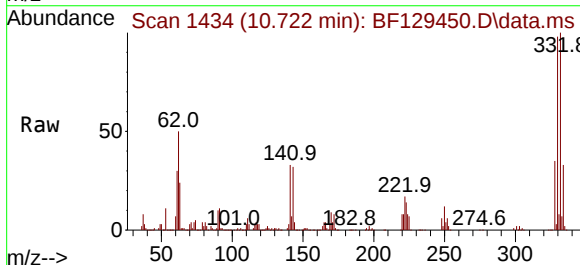
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BNA_F
ClientSampleId :
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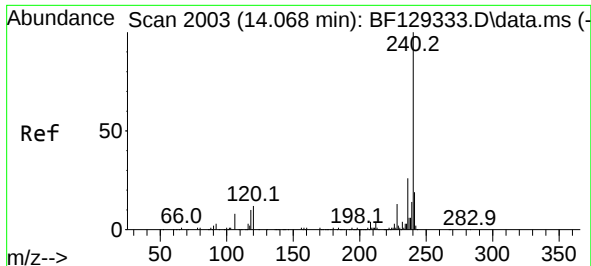
Tgt Ion:188 Resp: 591154
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.295 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion:248 Resp: 27803
Ion Ratio Lower Upper
248 100
250 193.0 80.6 120.8#
141 536.4 58.9 88.3#

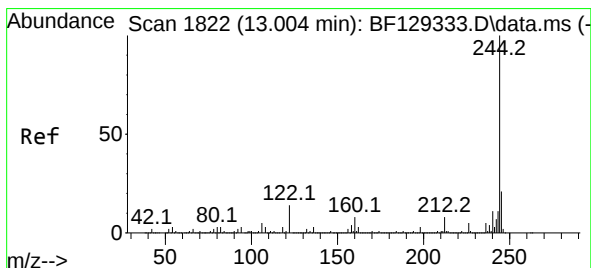
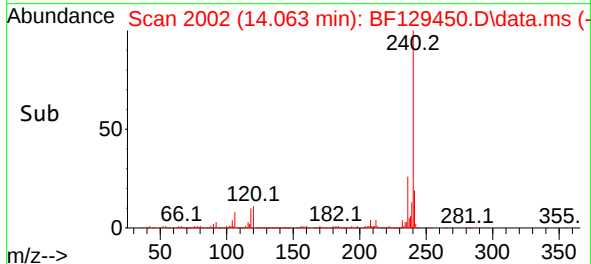
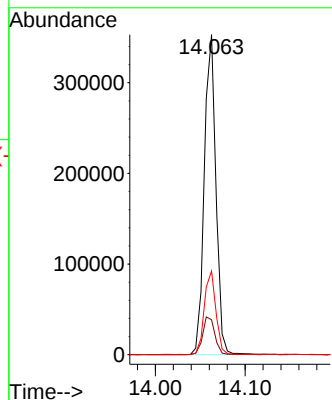
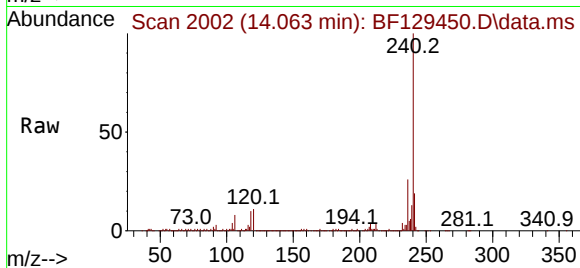




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

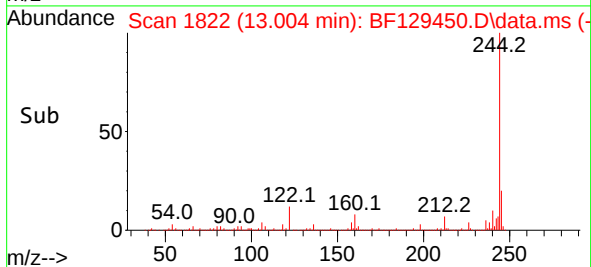
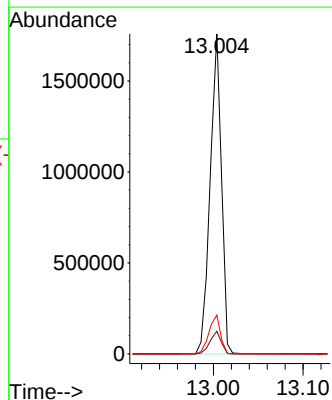
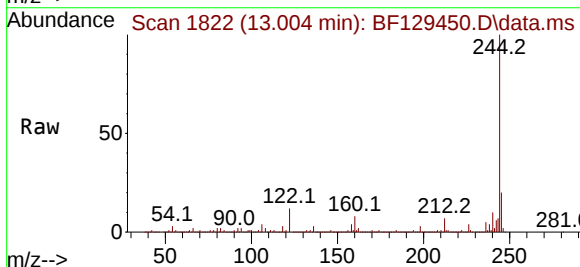
Instrument :
BNA_F
ClientSampleId :
SB-A

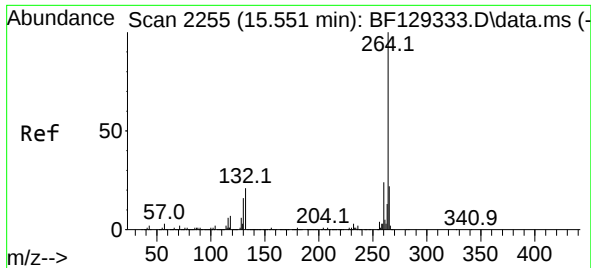
Tgt Ion:240 Resp: 317868
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 91.336 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion:244 Resp: 1538917
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion:264 Resp: 367519

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.5	17.2	25.8

