

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129350.D
 Acq On : 26 Jul 2022 12:18
 Operator : CG\JU
 Sample : N3840-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-2-TW

Quant Time: Jul 27 00:39:04 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)

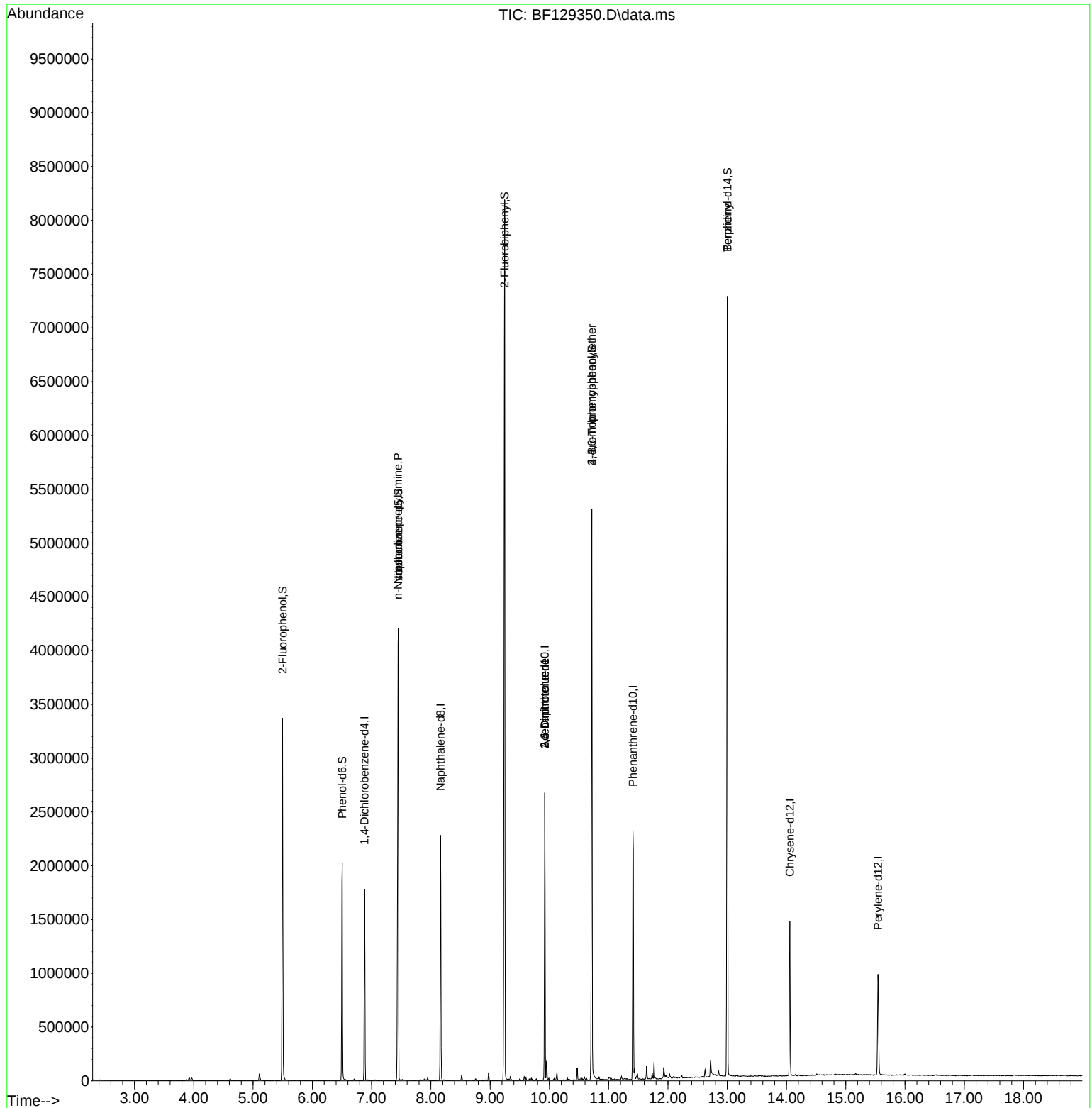
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	236730	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	960095	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	500279	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	829995	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	445682	20.000	ng	-0.01
86) Perylene-d12	15.545	264	410095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	868301	59.750	ng	0.00
7) Phenol-d6	6.504	99	674054	36.902	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1550184	88.140	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	616572	128.191	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2551789	78.906	ng	0.00
79) Terphenyl-d14	13.004	244	2435650	103.102	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	204875	18.527	ng	# 75
25) Isophorone	7.451	82	1549144	49.138	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	65855	8.520	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	65855	6.522	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	38849	4.274	ng	# 1
77) Benzidine	13.004	184	34720	2.205	ng	# 93

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

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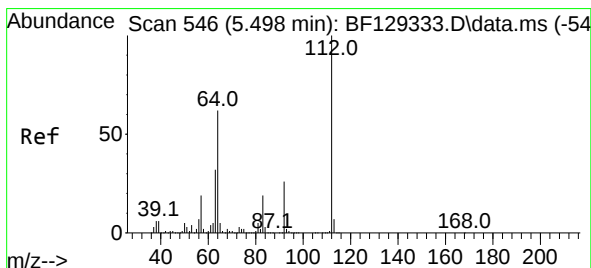
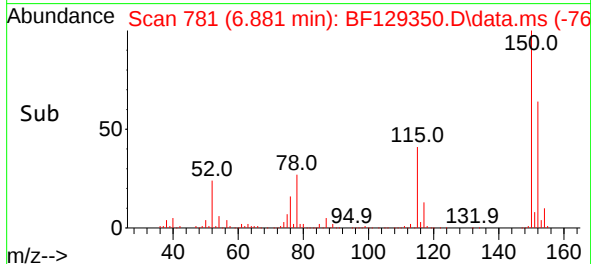
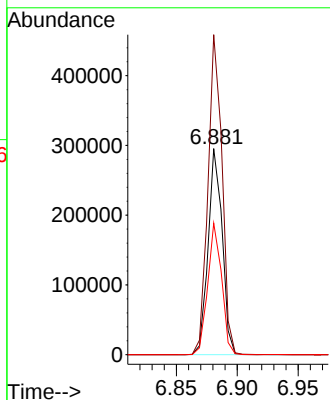
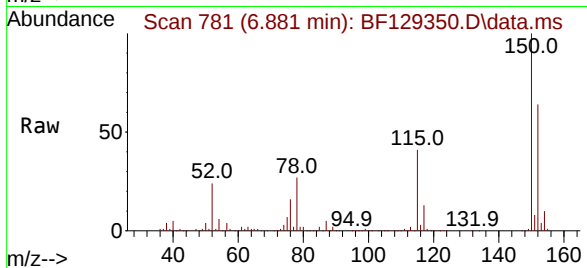




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129350.D
 Acq: 26 Jul 2022 12:18

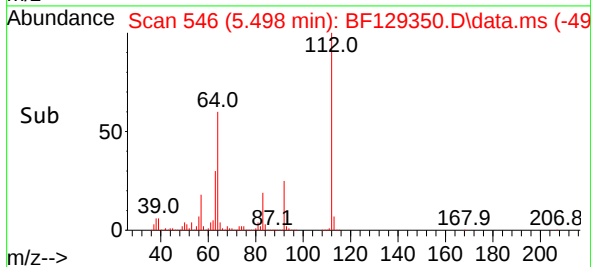
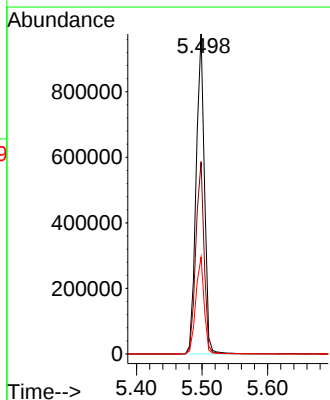
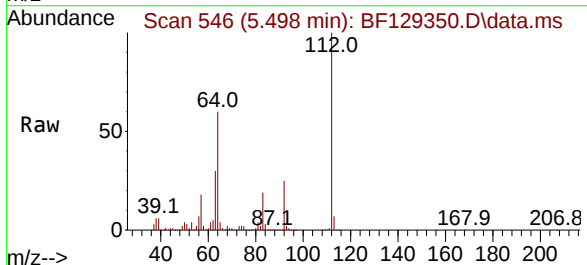
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-2-TW

Tgt Ion:152 Resp: 236730
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 63.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 59.750 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: BF129350.D
 Acq: 26 Jul 2022 12:18

Tgt Ion:112 Resp: 868301
 Ion Ratio Lower Upper
 112 100
 64 60.1 53.3 79.9
 63 30.2 28.0 42.0

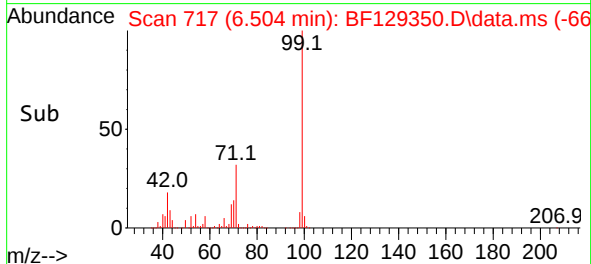
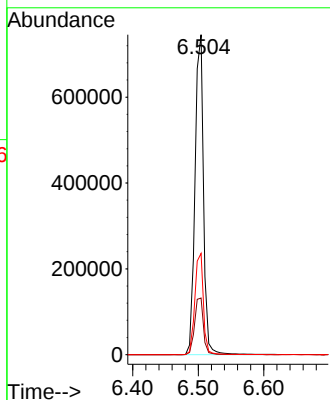
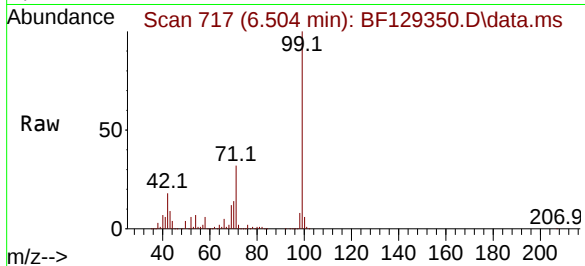




#7
Phenol-d6
Concen: 36.902 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

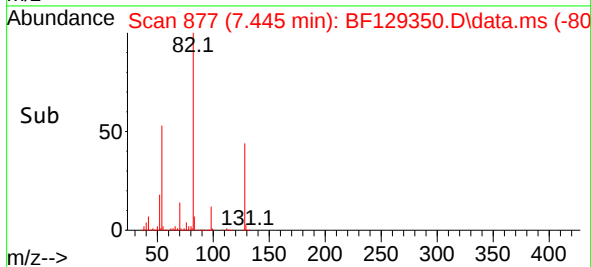
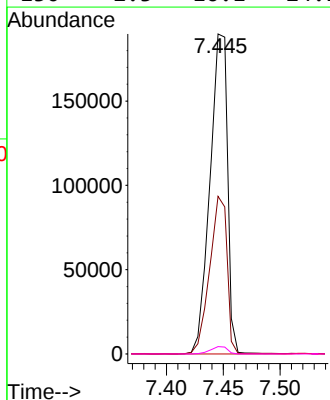
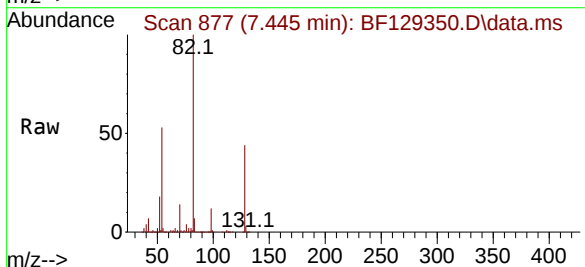
Instrument :
BNA_F
ClientSampleId :
ENV-DE-2-TW

Tgt Ion: 99 Resp: 674054
Ion Ratio Lower Upper
99 100
42 17.7 17.3 25.9
71 31.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.527 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

Tgt Ion: 70 Resp: 204875
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

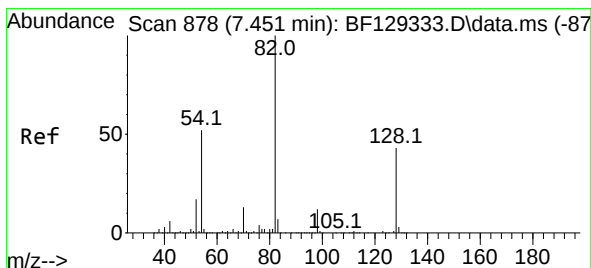
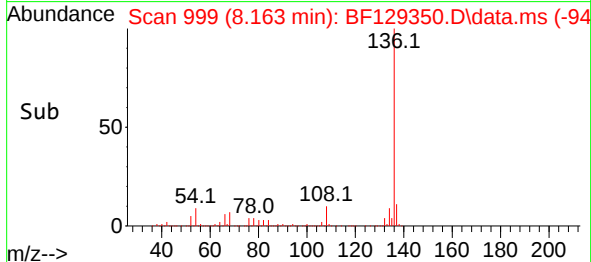
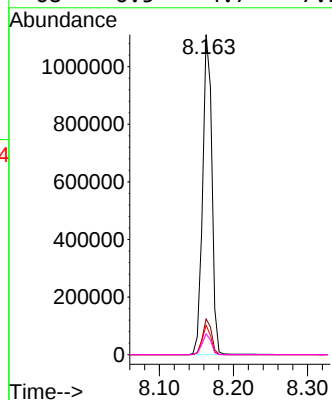
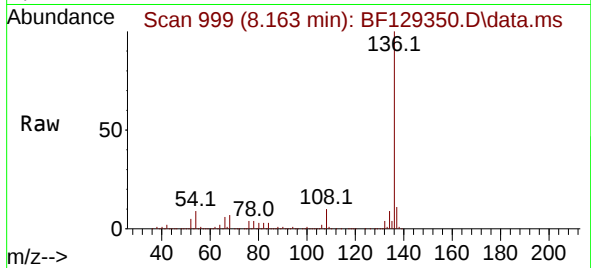




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

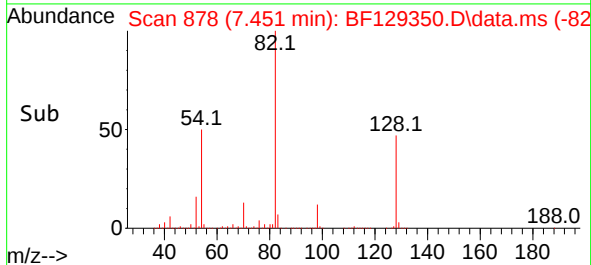
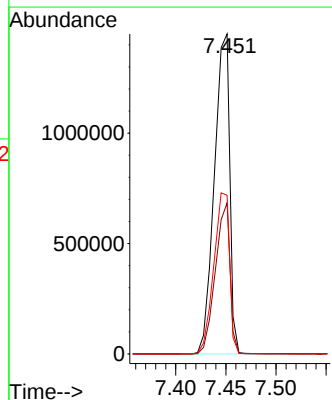
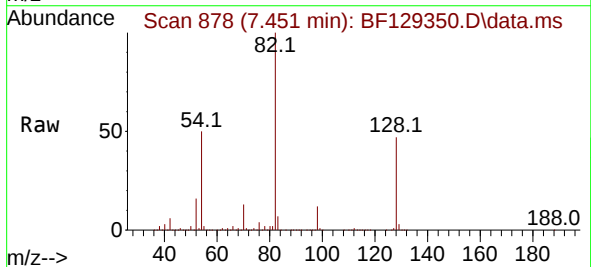
Instrument :
BNA_F
ClientSampleId :
ENV-DE-2-TW

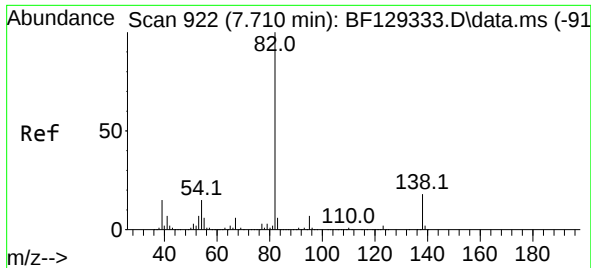
Tgt Ion:136 Resp: 960095
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 88.140 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

Tgt Ion: 82 Resp: 1550184
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 49.6 46.9 70.3

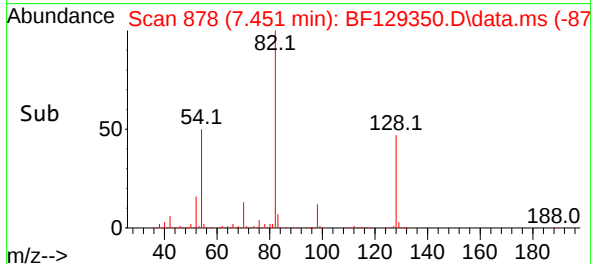
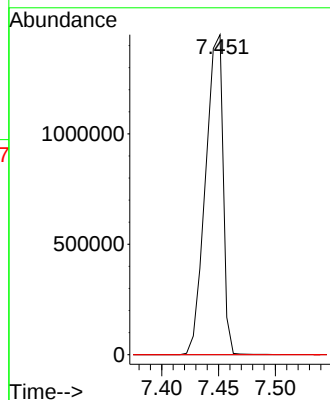
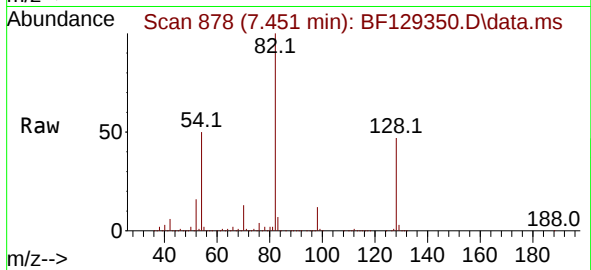




#25
Isophorone
Concen: 49.138 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

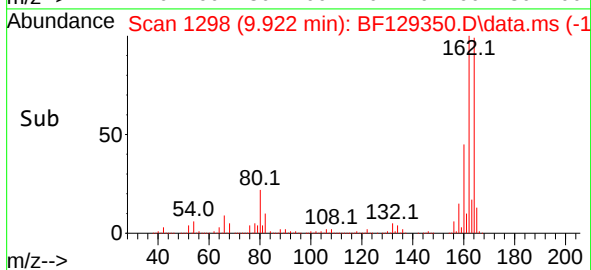
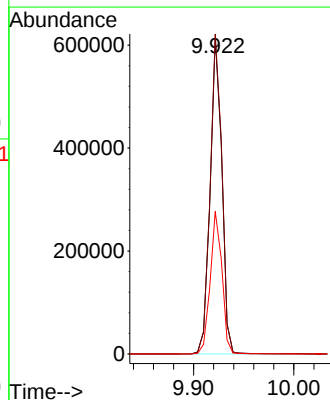
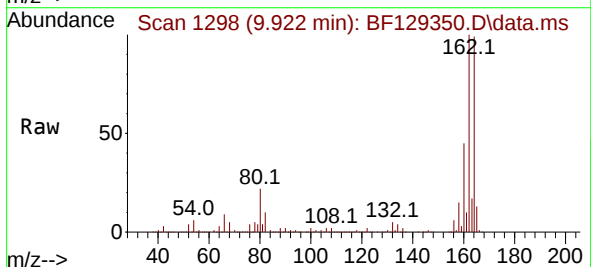
Instrument :
BNA_F
ClientSampleId :
ENV-DE-2-TW

Tgt Ion: 82 Resp: 1549144
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: BF129350.D
Acq: 26 Jul 2022 12:18

Tgt Ion:164 Resp: 500279
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 128.191 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129350.D

Acq: 26 Jul 2022 12:18

Instrument :

BNA_F

ClientSampleId :

ENV-DE-2-TW

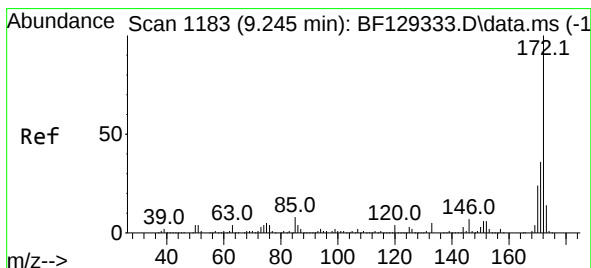
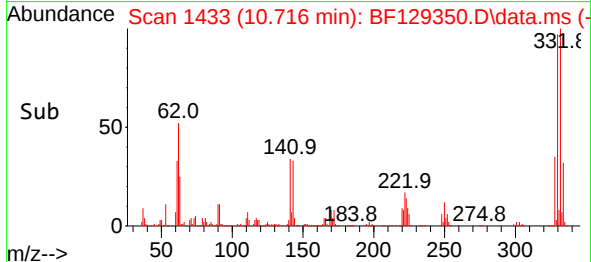
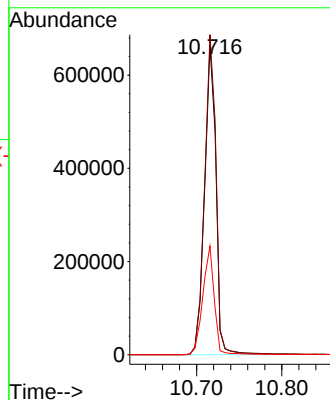
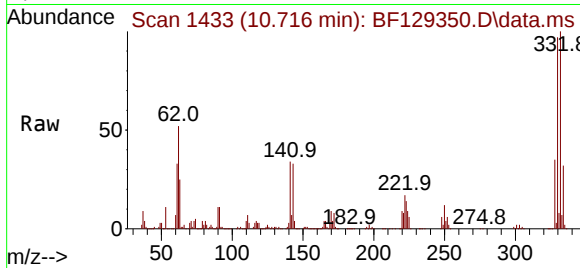
Tgt Ion:330 Resp: 616572

Ion Ratio Lower Upper

330 100

332 104.6 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.906 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129350.D

Acq: 26 Jul 2022 12:18

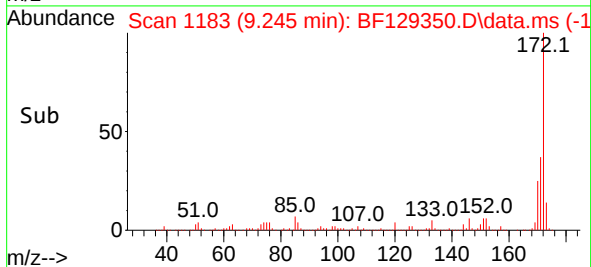
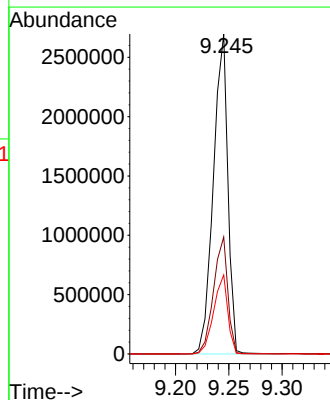
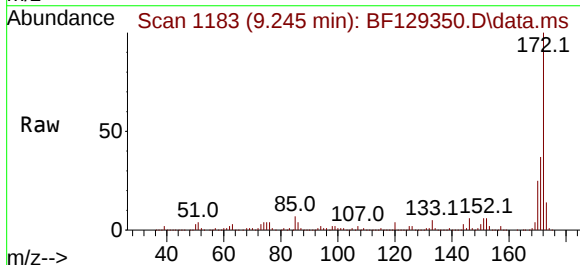
Tgt Ion:172 Resp: 2551789

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.7 19.8 29.8

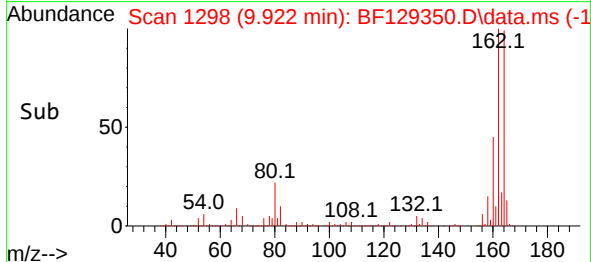
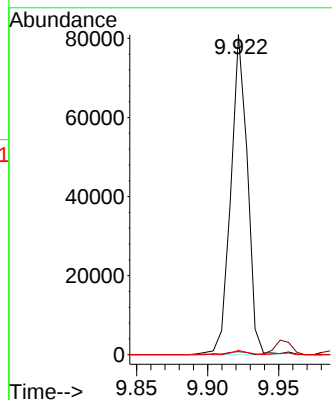
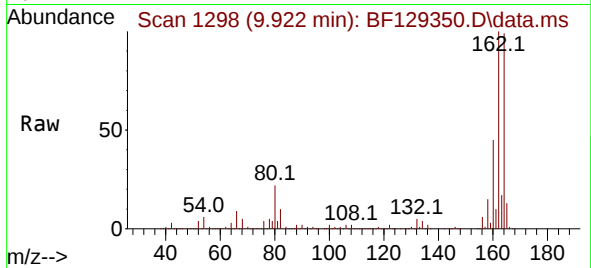




#51
2,6-Dinitrotoluene
Concen: 8.520 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

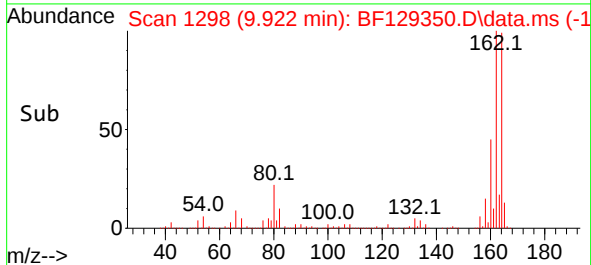
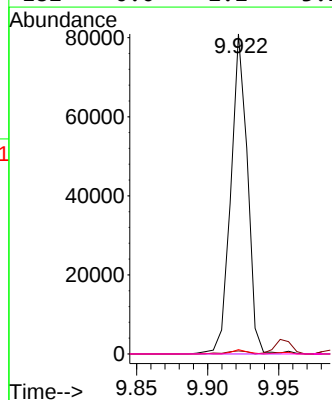
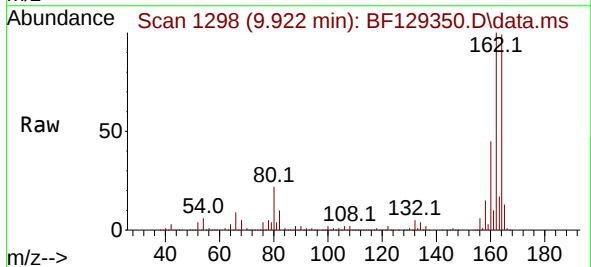
Instrument :
BNA_F
ClientSampleId :
ENV-DE-2-TW

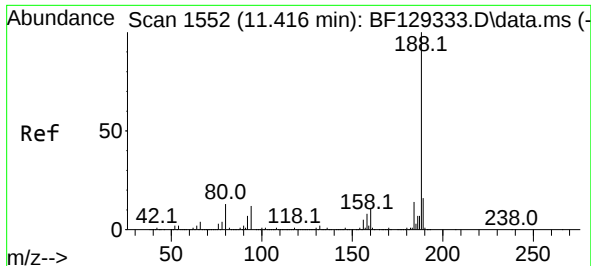
Tgt Ion:165 Resp: 65855
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.522 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

Tgt Ion:165 Resp: 65855
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

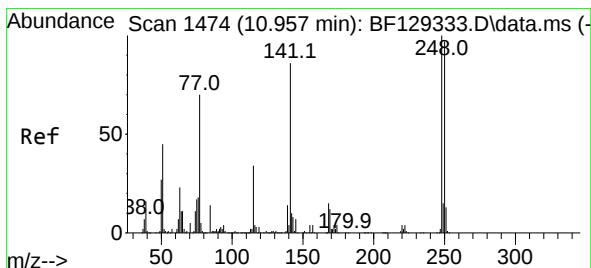
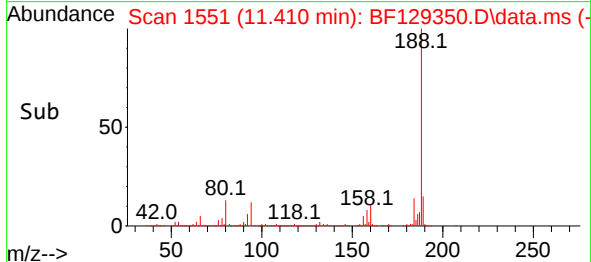
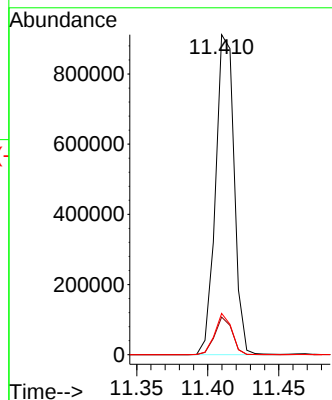
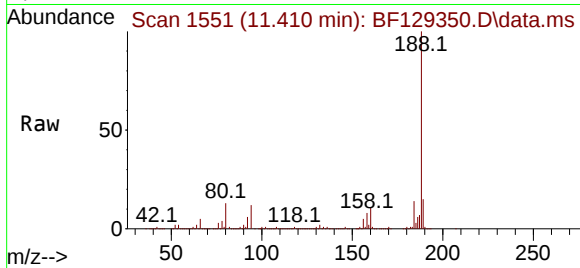




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

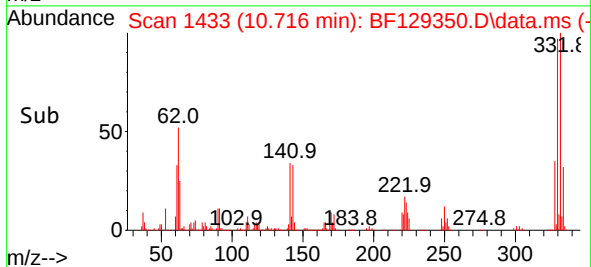
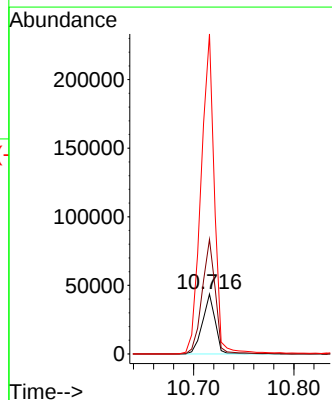
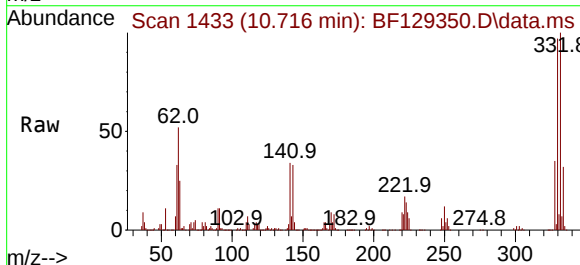
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ClientSampleId :
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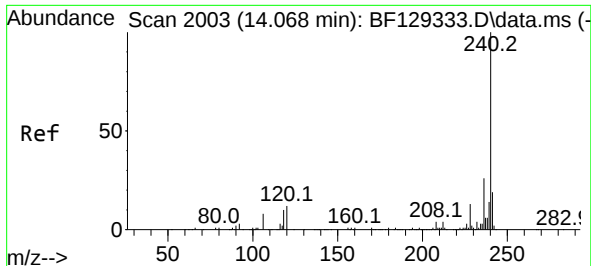
Tgt Ion:188 Resp: 829995
Ion Ratio Lower Upper
188 100
94 11.7 7.0 10.6#
80 12.9 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 4.274 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

Tgt Ion:248 Resp: 38849
Ion Ratio Lower Upper
248 100
250 191.7 80.6 120.8#
141 535.3 58.9 88.3#

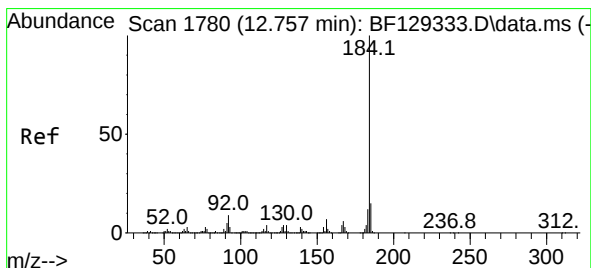
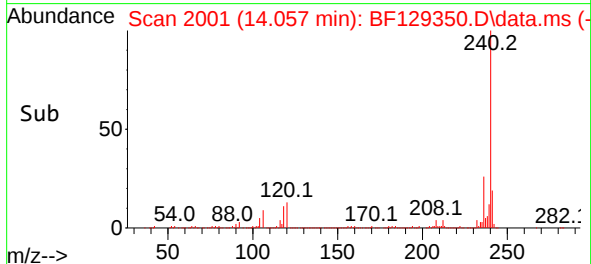
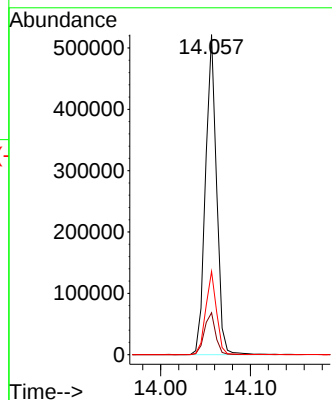
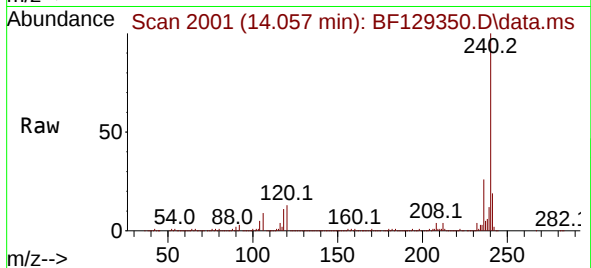




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

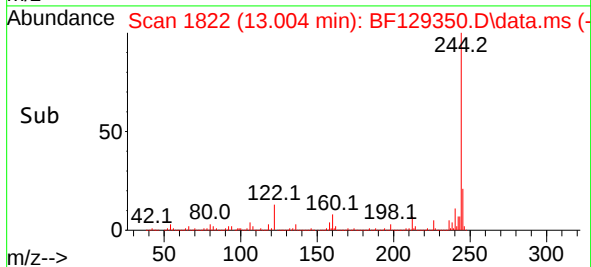
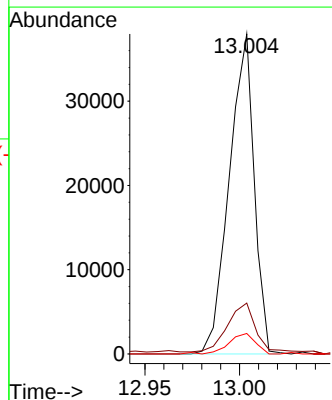
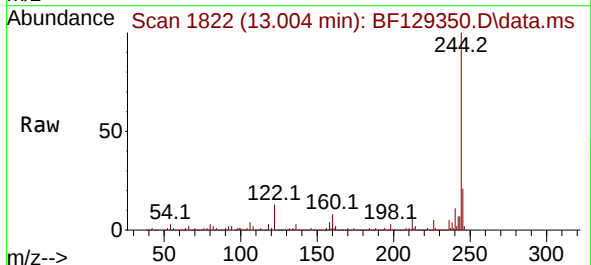
Instrument :
BNA_F
ClientSampleId :
ENV-DE-2-TW

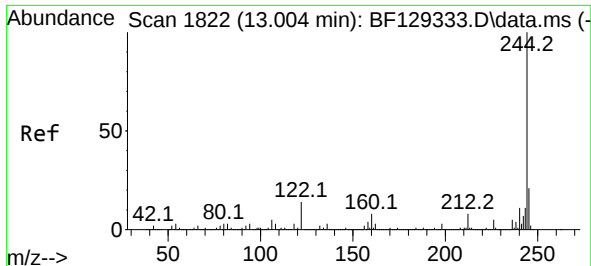
Tgt Ion:240 Resp: 445682
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.205 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129350.D
Acq: 26 Jul 2022 12:18

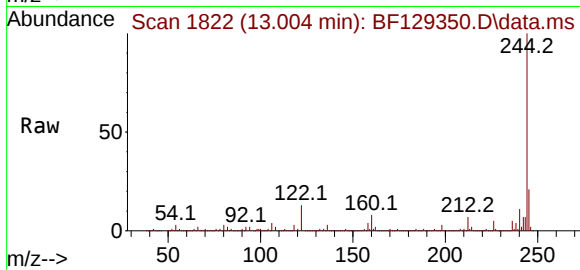
Tgt Ion:184 Resp: 34720
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.4 9.3 13.9#



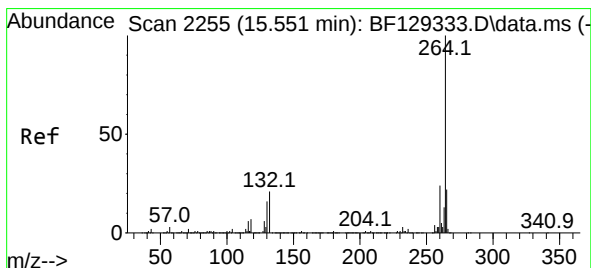
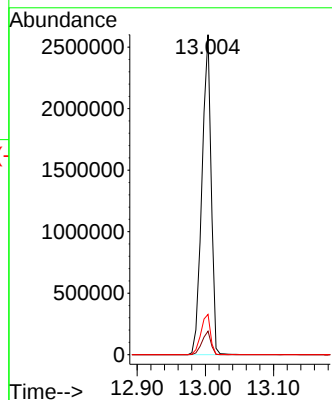
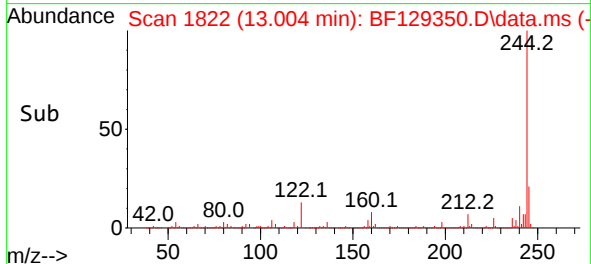


#79
 Terphenyl-d14
 Concen: 103.102 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF129350.D
 Acq: 26 Jul 2022 12:18

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-2-TW



Tgt Ion:244 Resp: 2435650
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. -0.006 min
 Lab File: BF129350.D
 Acq: 26 Jul 2022 12:18

Tgt Ion:264 Resp: 410095
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.9 17.2 25.8

