

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129372.D
 Acq On : 27 Jul 2022 12:34
 Operator : CG\JU
 Sample : N3861-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: Jul 28 01:30:17 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)

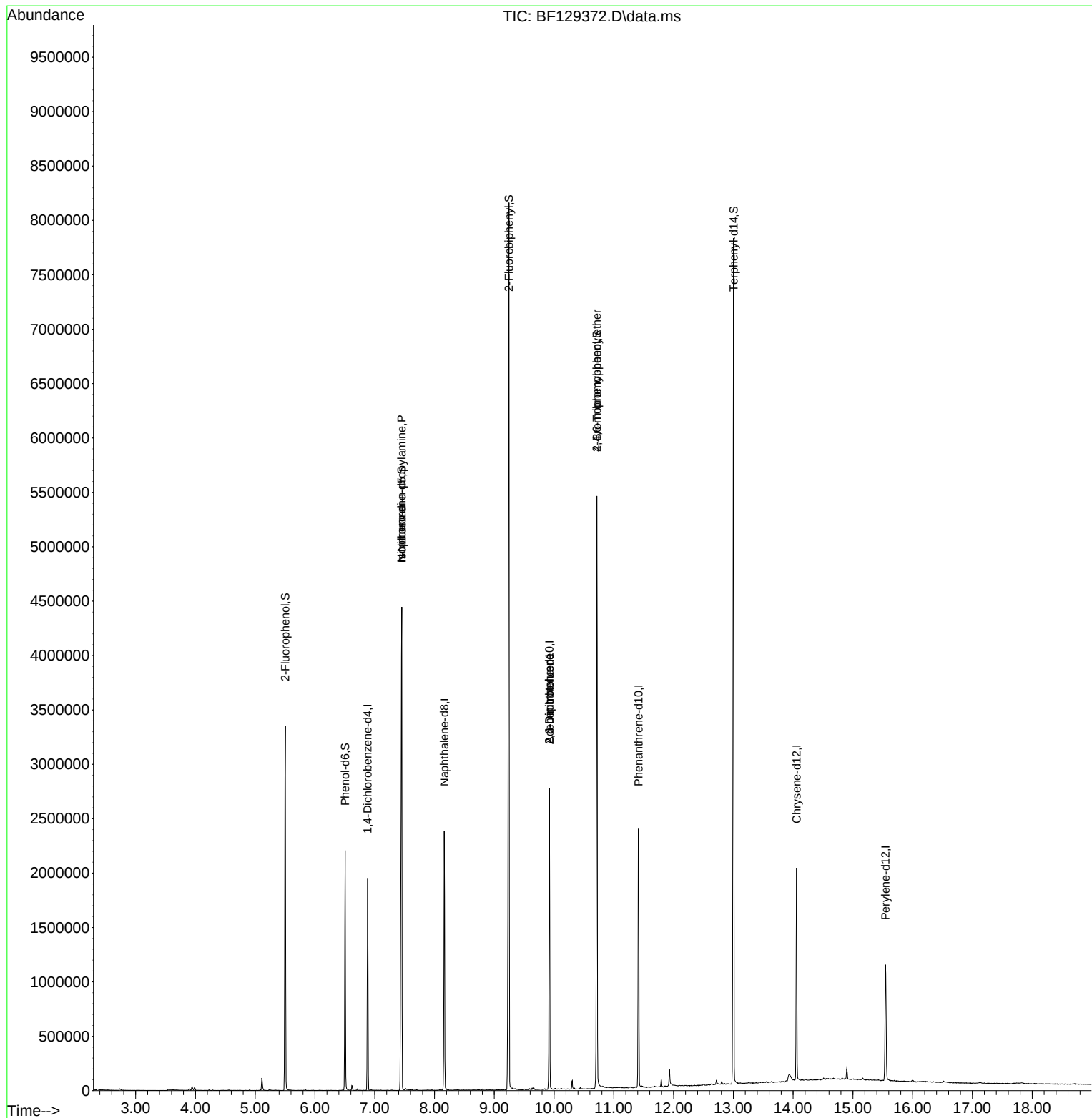
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	266002	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1039666	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	547049	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	897076	20.000	ng	0.00
76) Chrysene-d12	14.057	240	616941	20.000	ng	-0.01
86) Perylene-d12	15.545	264	492495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	879894	53.885	ng	0.00
7) Phenol-d6	6.504	99	674055	32.841	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1696137	89.057	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	699976	133.089	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2752871	77.846	ng	0.00
79) Terphenyl-d14	13.004	244	2708334	82.820	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	227261	18.290	ng	# 72
25) Isophorone	7.451	82	1690090	49.506	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	70651	8.359	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	70640	6.397	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	44109	4.490	ng	# 1

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

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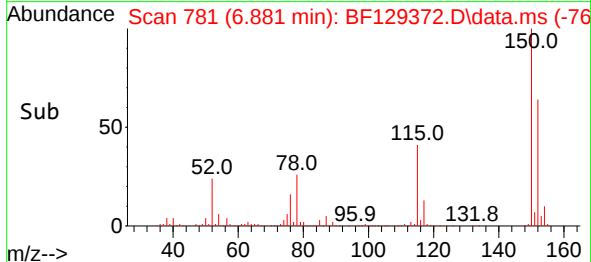
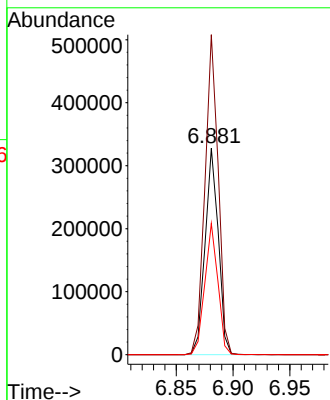
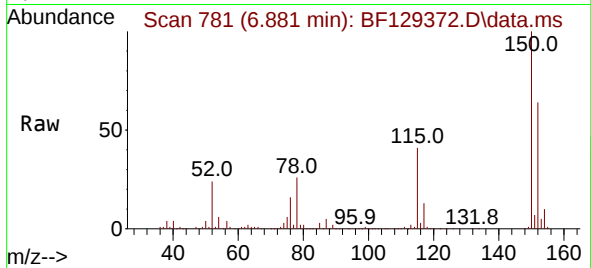




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129372.D
 Acq: 27 Jul 2022 12:34

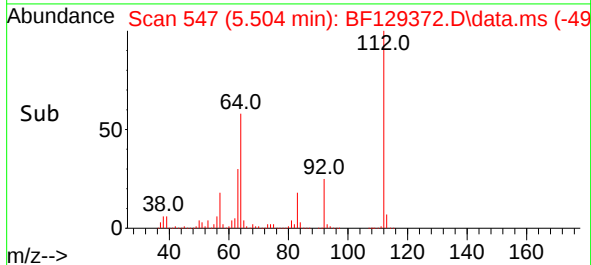
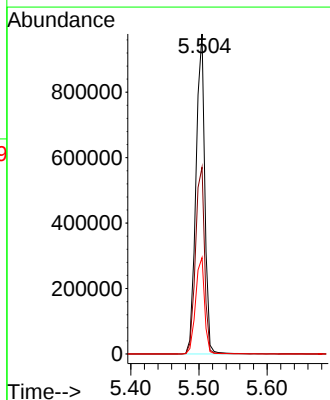
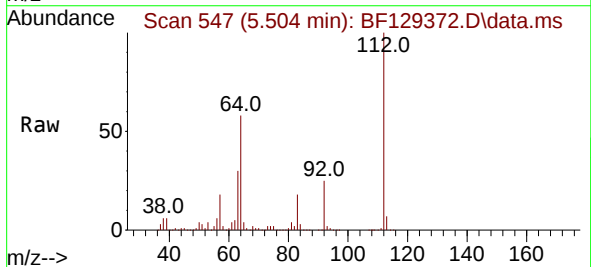
Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tgt Ion:152 Resp: 266002
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 53.885 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF129372.D
 Acq: 27 Jul 2022 12:34

Tgt Ion:112 Resp: 879894
 Ion Ratio Lower Upper
 112 100
 64 58.4 53.3 79.9
 63 30.1 28.0 42.0

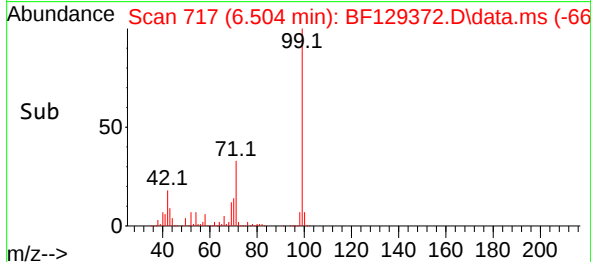
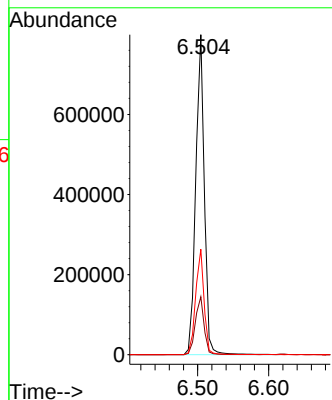
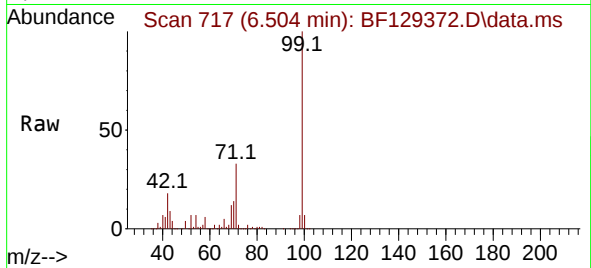




#7
Phenol-d6
Concen: 32.841 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

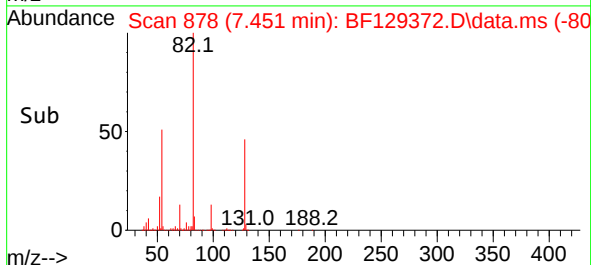
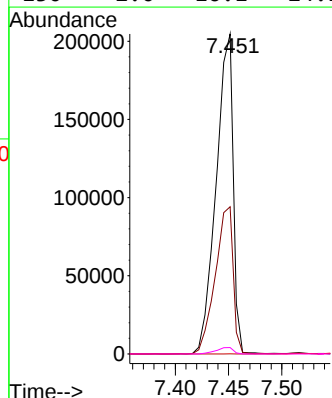
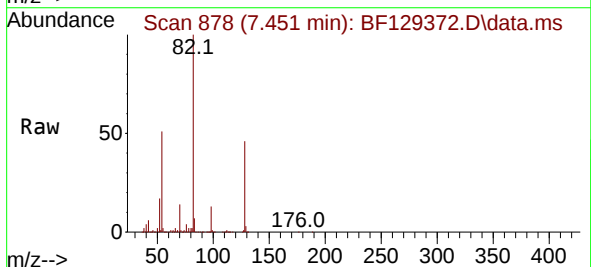
Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion: 99 Resp: 674055
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 32.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.290 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

Tgt Ion: 70 Resp: 227261
Ion Ratio Lower Upper
70 100
42 46.0 52.3 78.5#
101 0.1 7.5 11.3#
130 2.0 16.1 24.1#

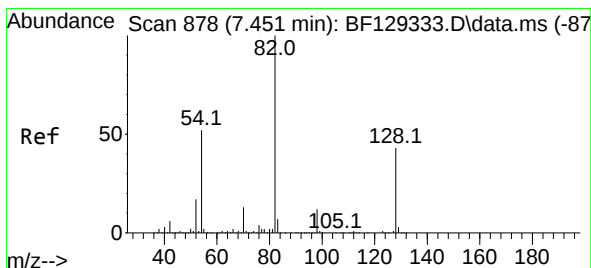
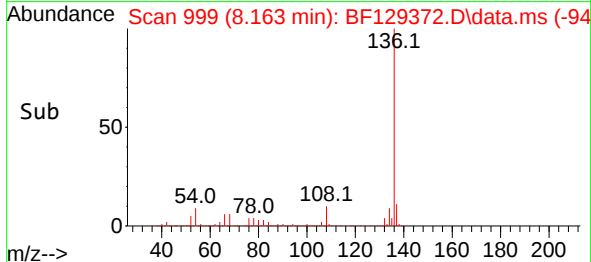
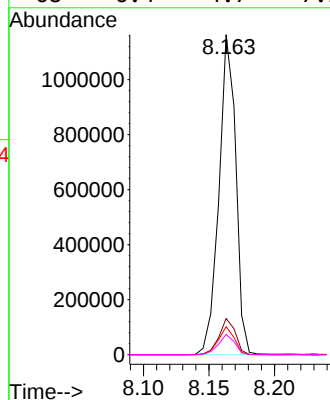
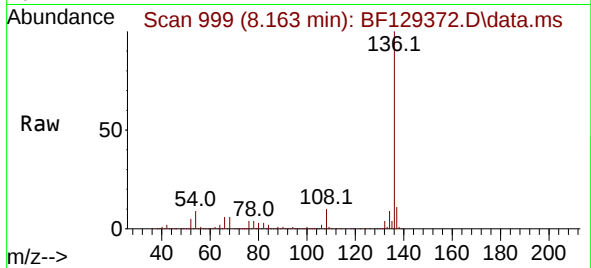




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

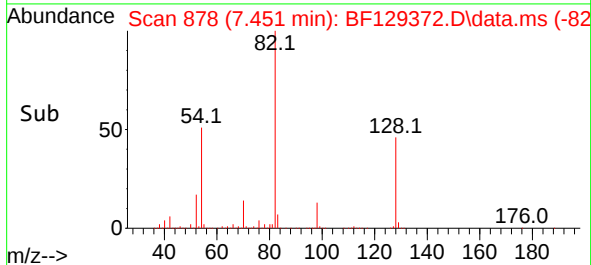
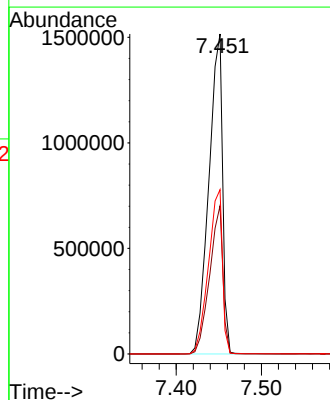
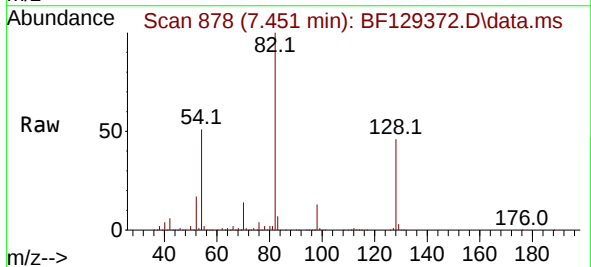
Instrument :
BNA_F
ClientSampleId :
MW-26

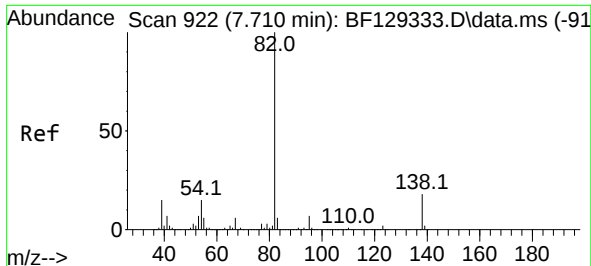
Tgt Ion:136 Resp: 1039666
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.7 7.5 11.3
68 6.4 4.7 7.1



#23
Nitrobenzene-d5
Concen: 89.057 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

Tgt Ion: 82 Resp: 1696137
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 51.4 46.9 70.3

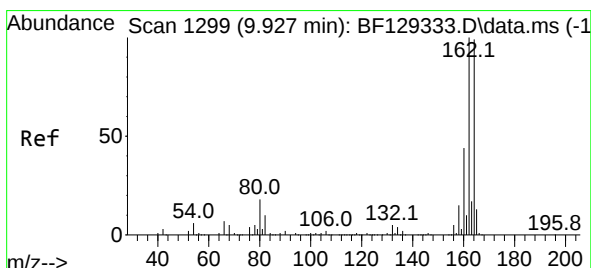
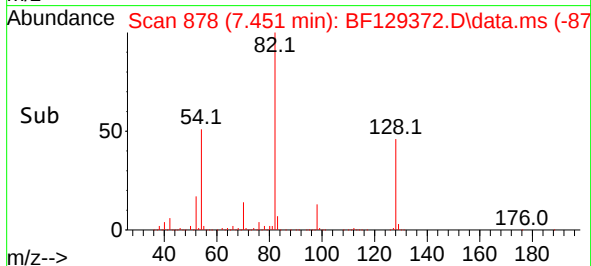
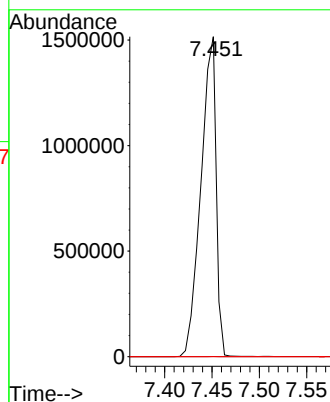
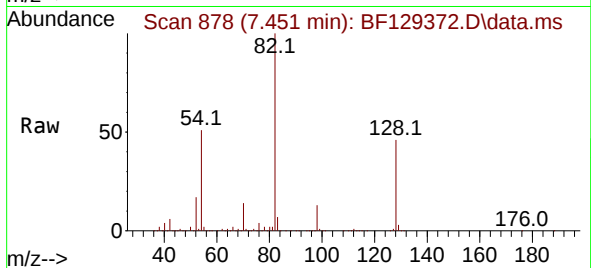




#25
Isophorone
Concen: 49.506 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

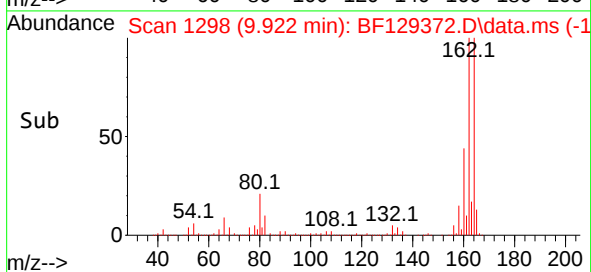
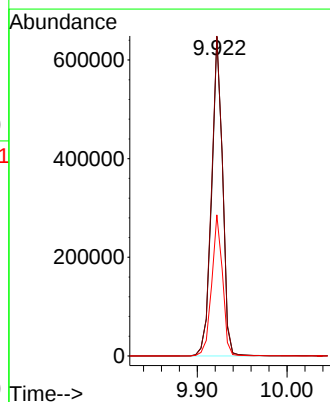
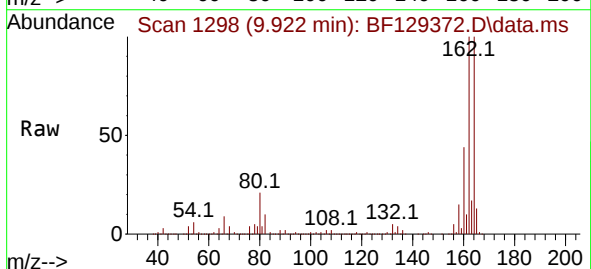
Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion: 82 Resp: 1690090
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: BF129372.D
Acq: 27 Jul 2022 12:34

Tgt Ion:164 Resp: 547049
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 133.089 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129372.D

Acq: 27 Jul 2022 12:34

Instrument :

BNA_F

ClientSampleId :

MW-26

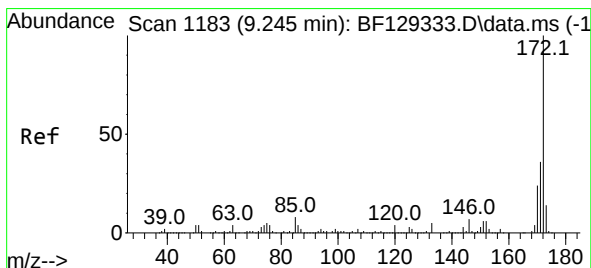
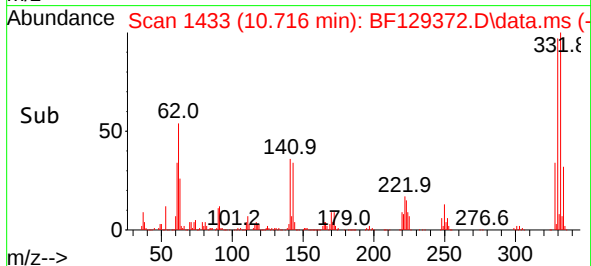
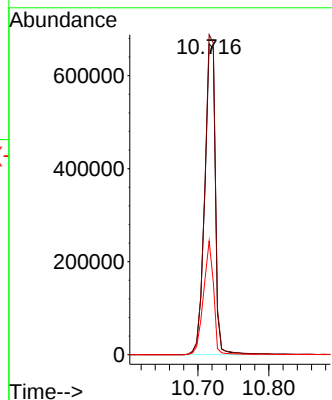
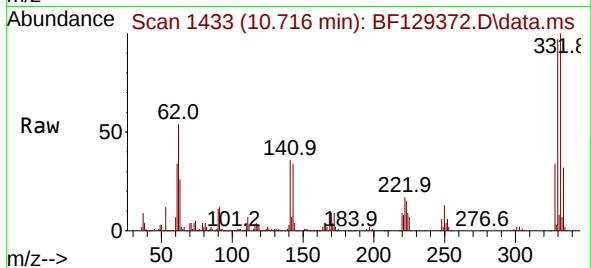
Tgt Ion:330 Resp: 699976

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.846 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129372.D

Acq: 27 Jul 2022 12:34

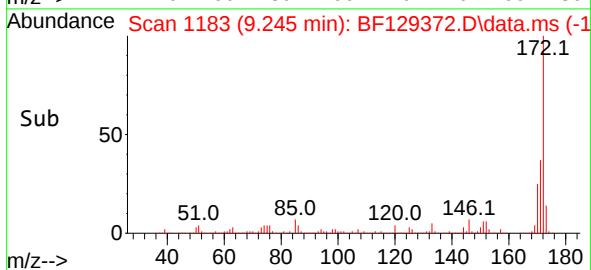
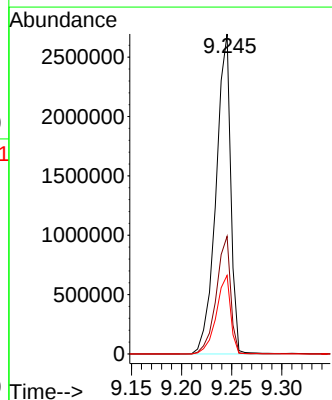
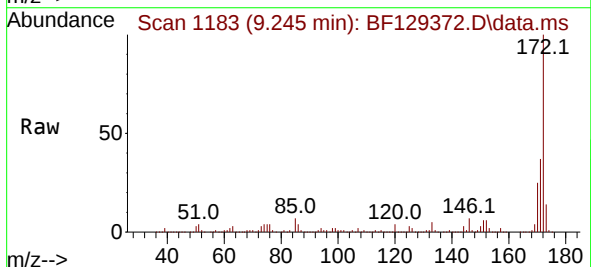
Tgt Ion:172 Resp: 2752871

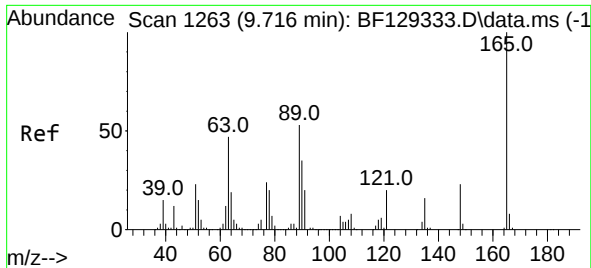
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.5 19.8 29.8

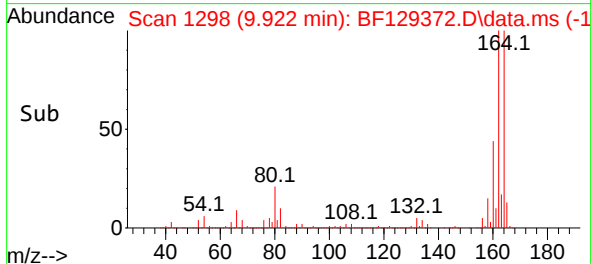
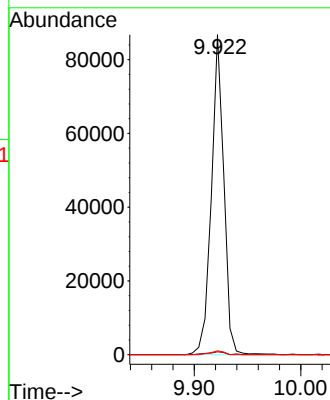
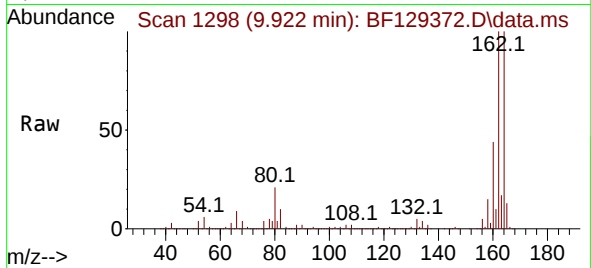




#51
2,6-Dinitrotoluene
Concen: 8.359 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

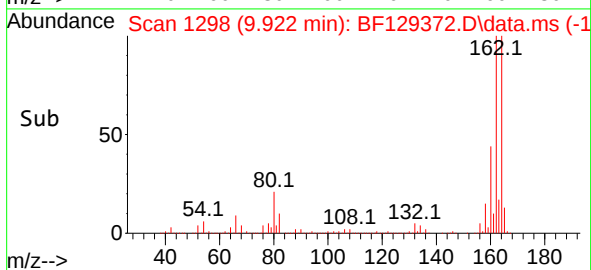
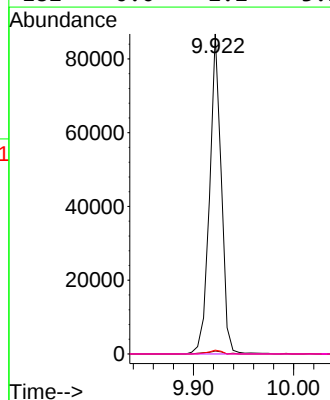
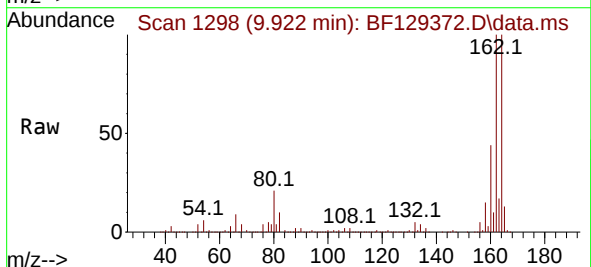
Instrument :
BNA_F
ClientSampleId :
MW-26

Tgt Ion:165 Resp: 70651
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.397 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

Tgt Ion:165 Resp: 70640
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

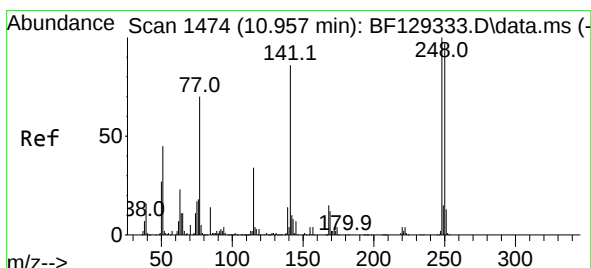
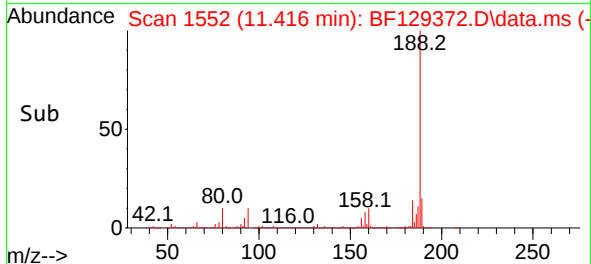
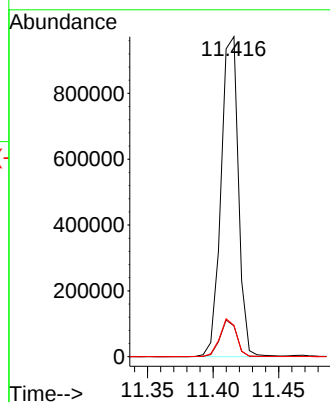
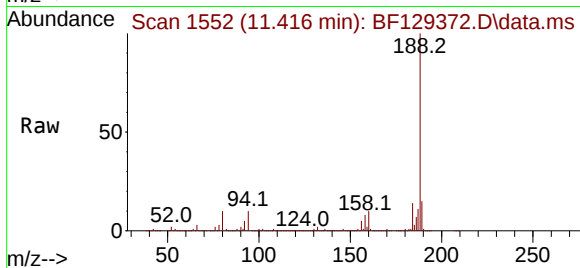




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

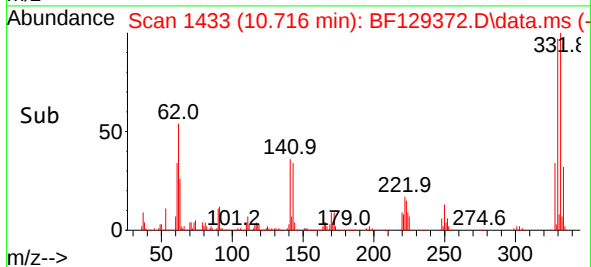
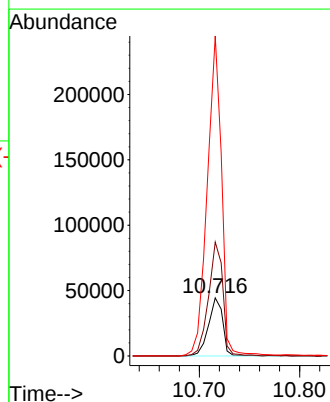
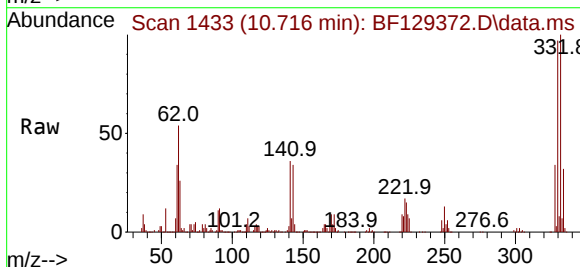
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ClientSampleId :
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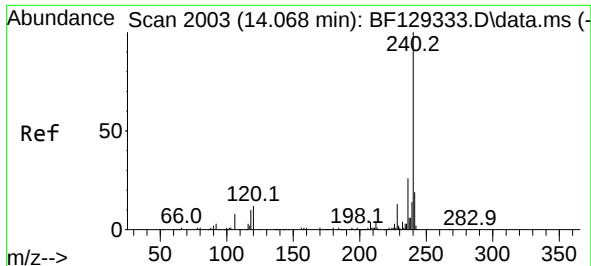
Tgt Ion:188 Resp: 897076
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.490 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

Tgt Ion:248 Resp: 44109
Ion Ratio Lower Upper
248 100
250 196.1 80.6 120.8#
141 550.6 58.9 88.3#

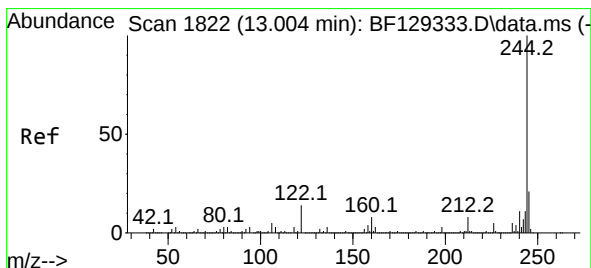
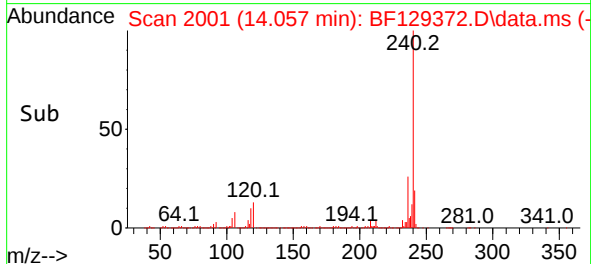
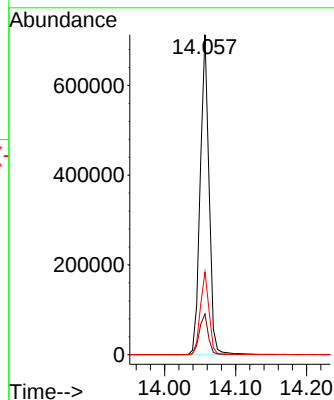
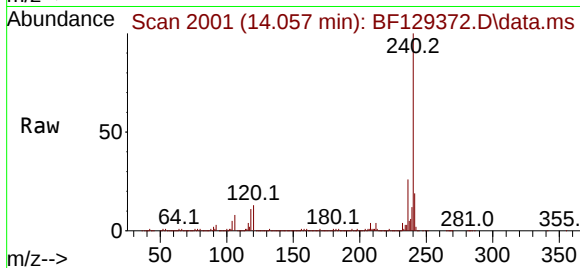




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

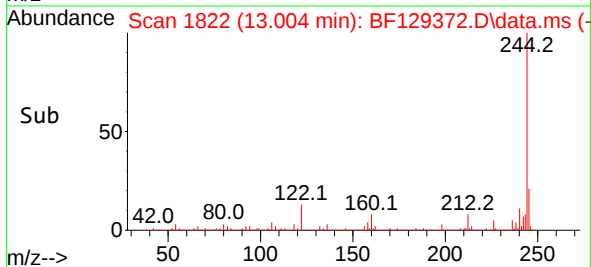
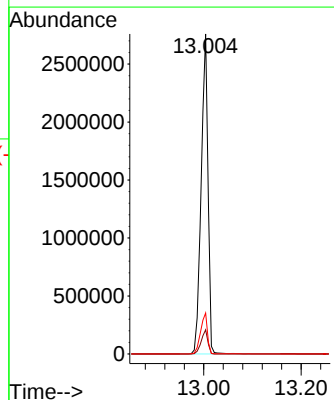
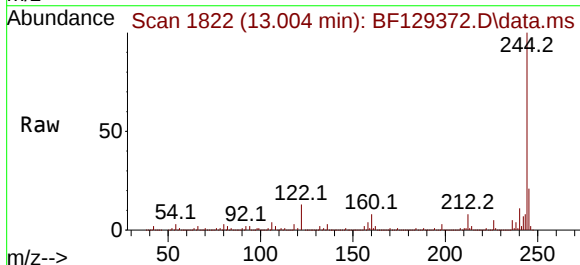
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MW-26

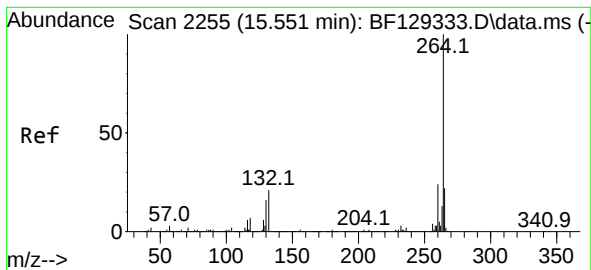
Tgt Ion:240 Resp: 616941
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 82.820 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129372.D
Acq: 27 Jul 2022 12:34

Tgt Ion:244 Resp: 2708334
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129372.D

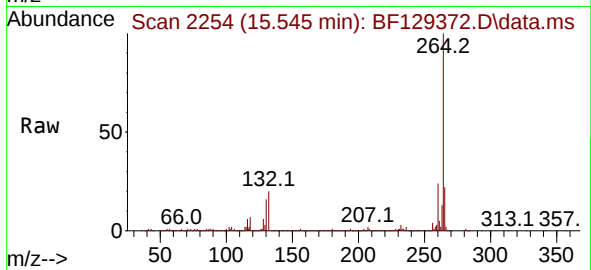
Acq: 27 Jul 2022 12:34

Instrument :

BNA_F

ClientSampleId :

MW-26



Tgt Ion:264 Resp: 492495

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 22.1 17.2 25.8

