

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129392.D
 Acq On : 27 Jul 2022 23:49
 Operator : CG\JU
 Sample : N3861-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Jul 28 01:32:56 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)

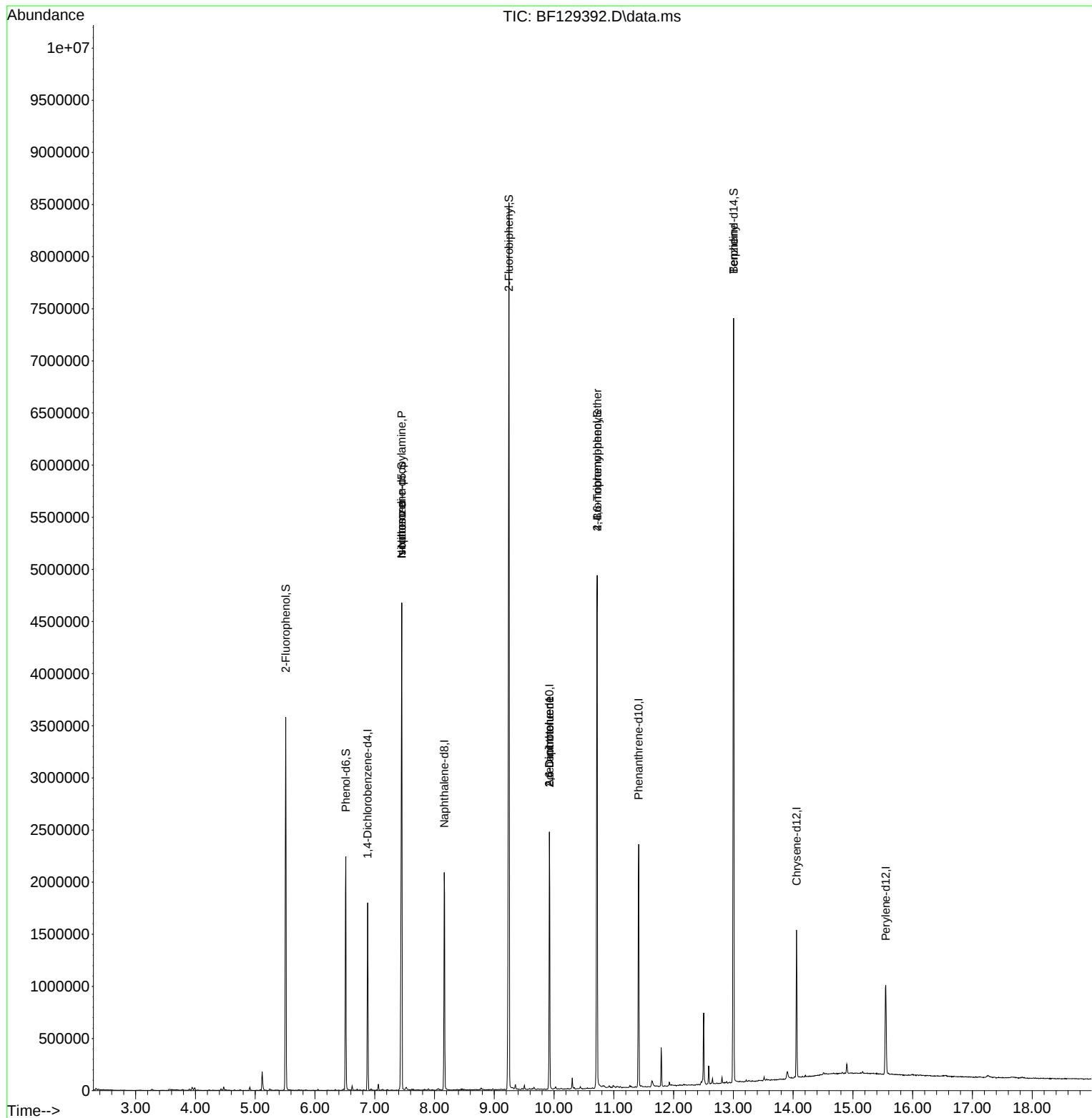
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	241875	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	966004	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	496319	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	790771	20.000	ng	0.00
76) Chrysene-d12	14.057	240	479340	20.000	ng	-0.01
86) Perylene-d12	15.551	264	404622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	912424	61.451	ng	0.01
7) Phenol-d6	6.516	99	720119	38.585	ng	0.00
23) Nitrobenzene-d5	7.451	82	1672285	94.500	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	634610	132.994	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2741559	85.450	ng	0.00
79) Terphenyl-d14	13.004	244	2621128	103.162	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	224451	19.866	ng	# 73
25) Isophorone	7.451	82	1669295	52.625	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	64344	8.391	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	64344	6.423	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	39869	4.604	ng	# 1
77) Benzidine	13.004	184	38454	2.271	ng	# 91

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

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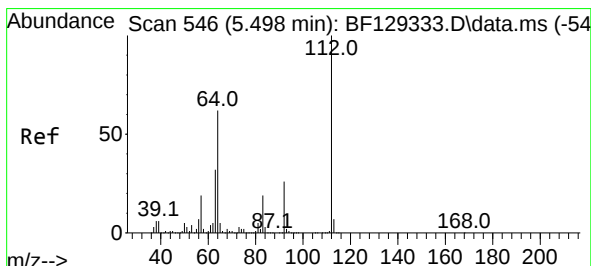
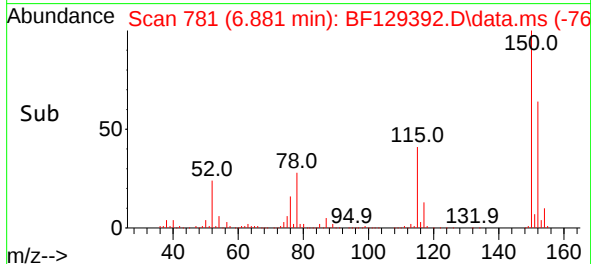
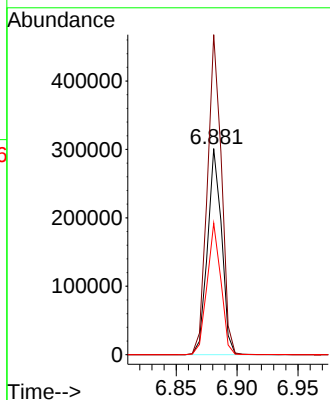
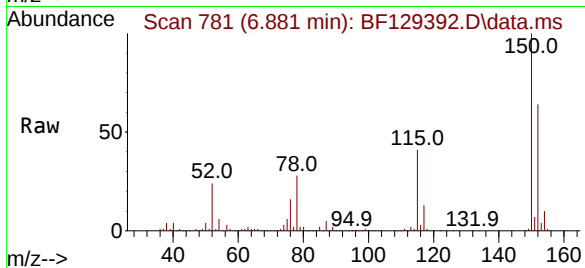




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129392.D
 Acq: 27 Jul 2022 23:49

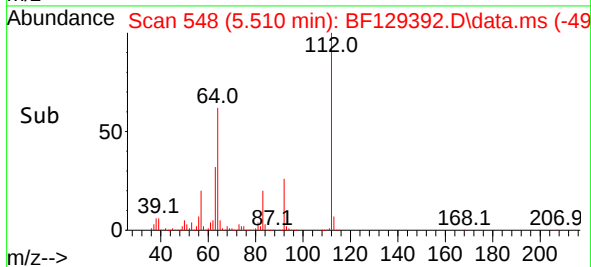
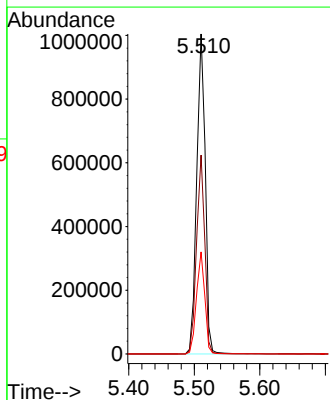
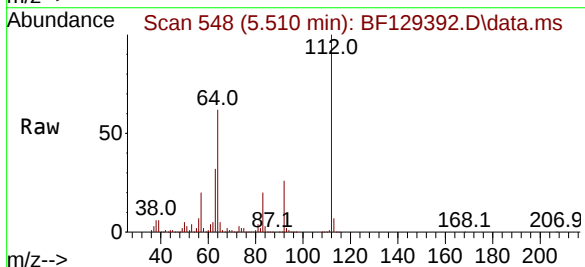
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

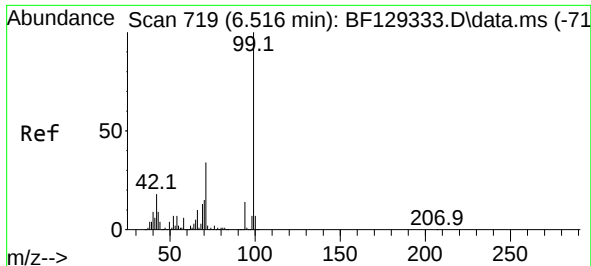
Tgt Ion:152 Resp: 241875
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.7 185.5
 115 63.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 61.451 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129392.D
 Acq: 27 Jul 2022 23:49

Tgt Ion:112 Resp: 912424
 Ion Ratio Lower Upper
 112 100
 64 62.1 53.3 79.9
 63 31.9 28.0 42.0

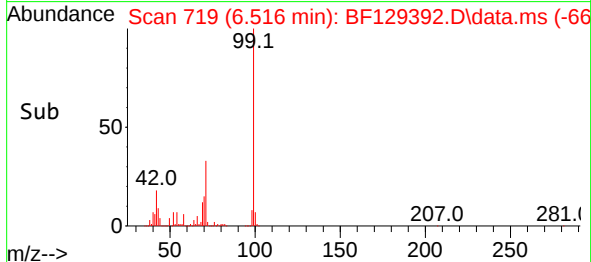
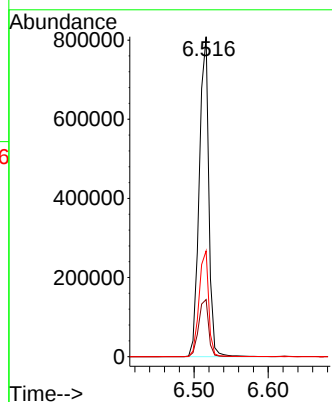
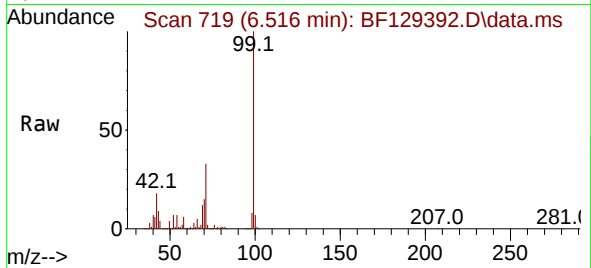




#7
Phenol-d6
Concen: 38.585 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

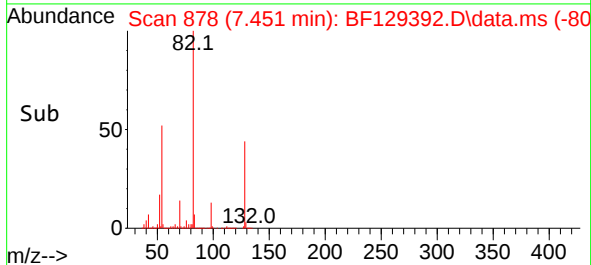
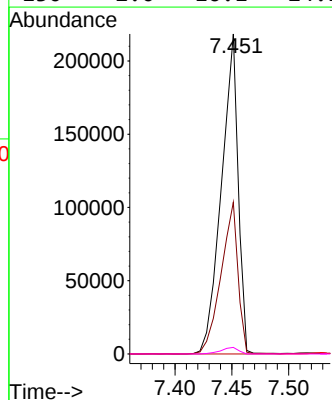
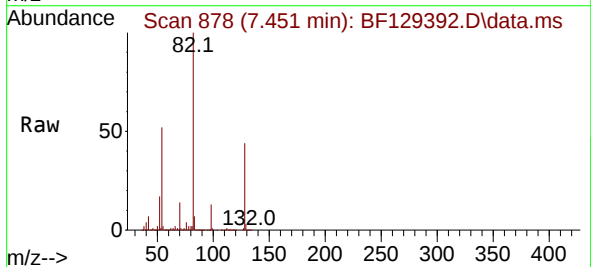
Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 99 Resp: 720119
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 33.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.866 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

Tgt Ion: 70 Resp: 224451
Ion Ratio Lower Upper
70 100
42 47.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

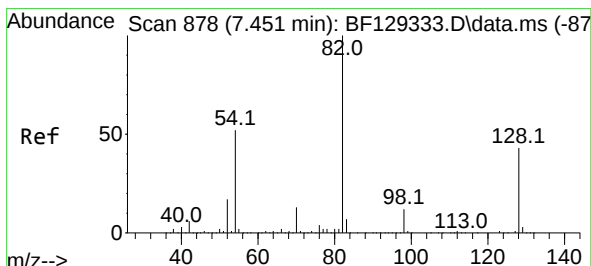
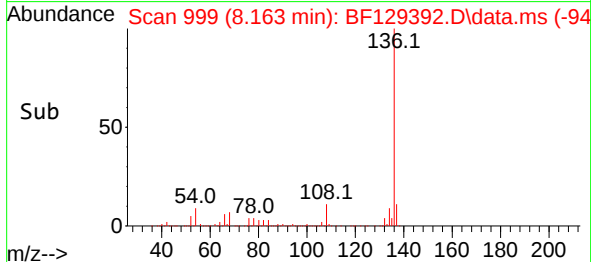
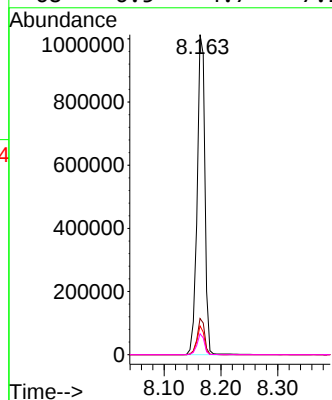
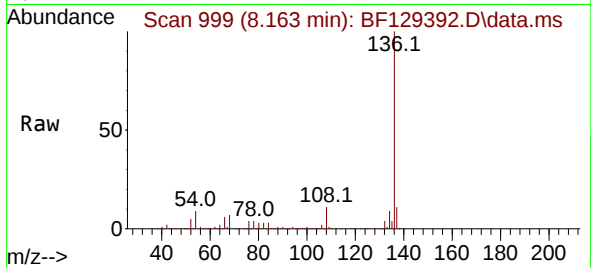




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

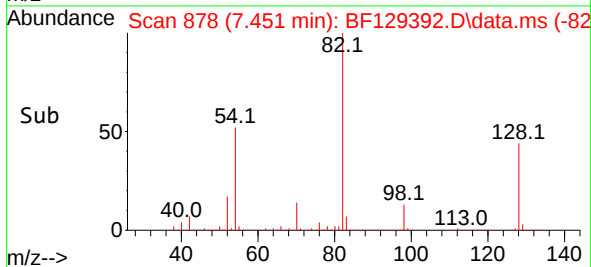
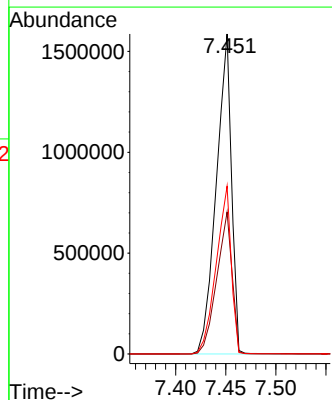
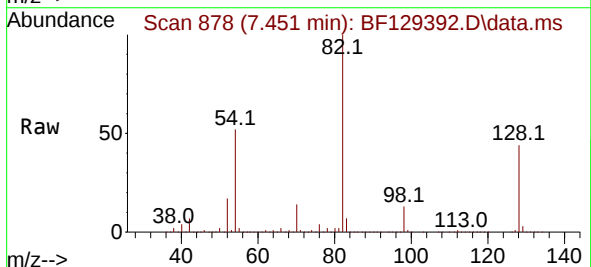
Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion:136 Resp: 966004
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 94.500 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

Tgt Ion: 82 Resp: 1672285
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 52.5 46.9 70.3

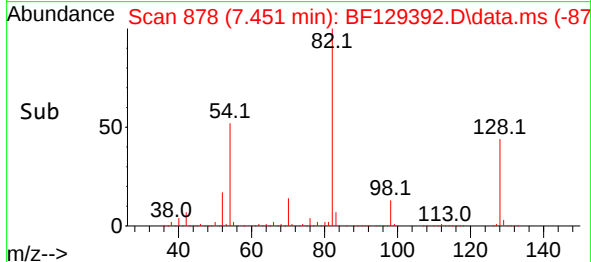
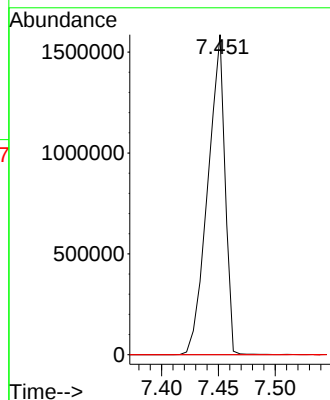
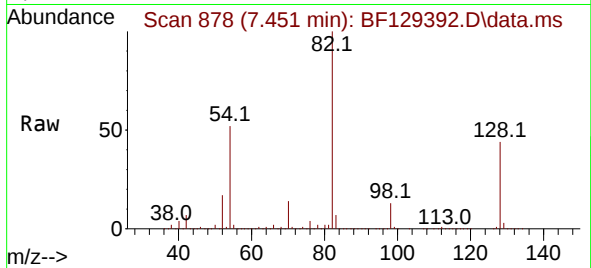




#25
Isophorone
Concen: 52.625 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

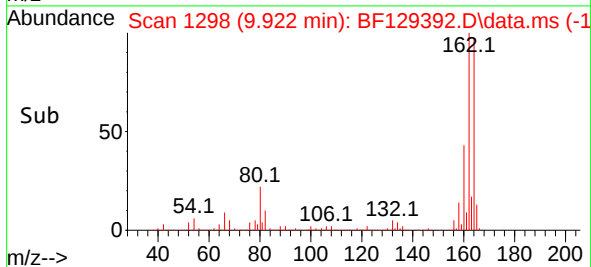
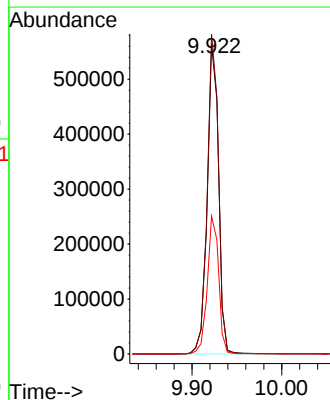
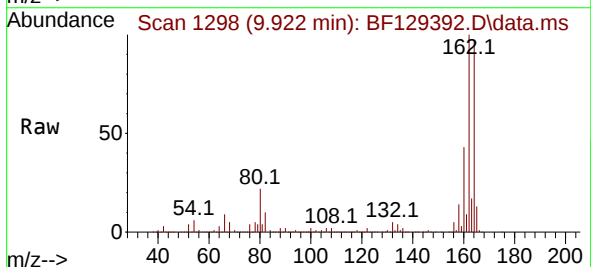
Instrument :
BNA_F
ClientSampleId :
MW-13

Tgt Ion: 82 Resp: 1669295
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: BF129392.D
Acq: 27 Jul 2022 23:49

Tgt Ion:164 Resp: 496319
Ion Ratio Lower Upper
164 100
162 103.4 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 132.994 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129392.D

Acq: 27 Jul 2022 23:49

Instrument :

BNA_F

ClientSampleId :

MW-13

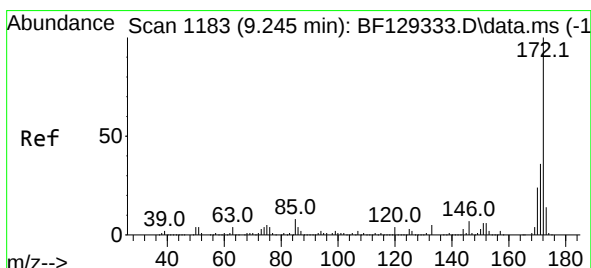
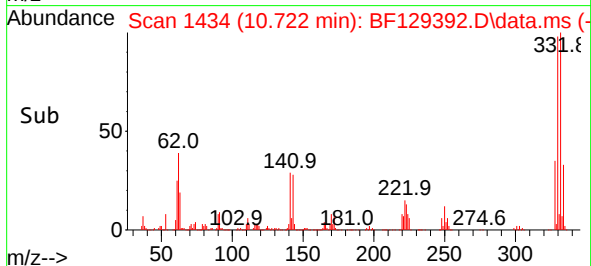
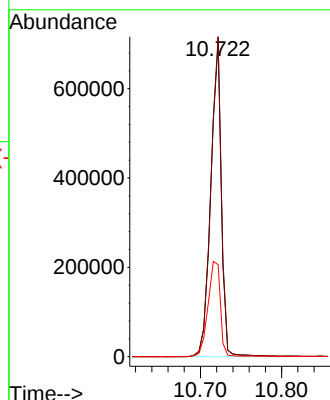
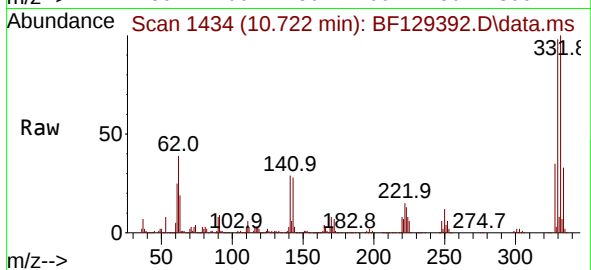
Tgt Ion:330 Resp: 634610

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.450 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129392.D

Acq: 27 Jul 2022 23:49

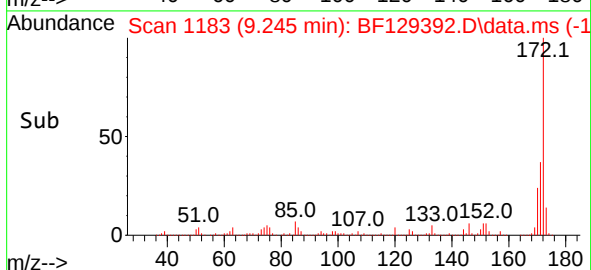
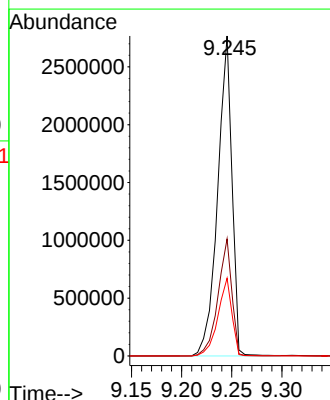
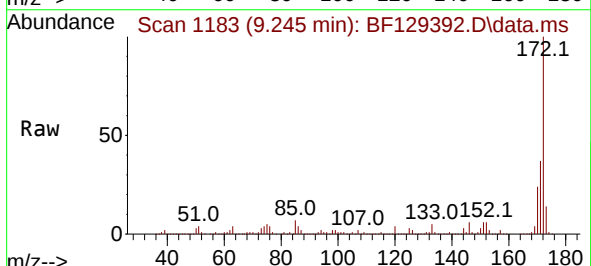
Tgt Ion:172 Resp: 2741559

Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.3 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.391 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129392.D

Acq: 27 Jul 2022 23:49

Instrument :

BNA_F

ClientSampleId :

MW-13

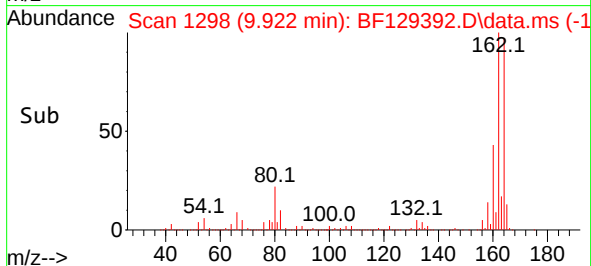
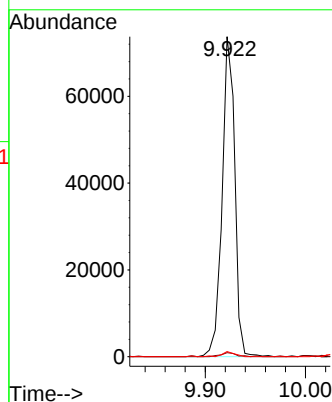
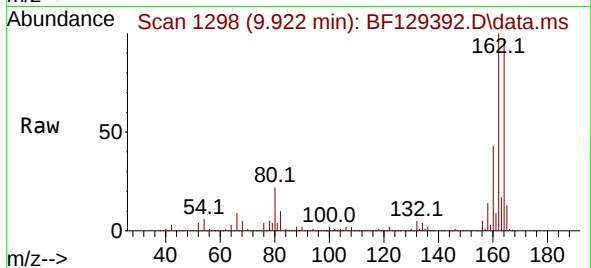
Tgt Ion:165 Resp: 64344

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.423 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129392.D

Acq: 27 Jul 2022 23:49

Tgt Ion:165 Resp: 64344

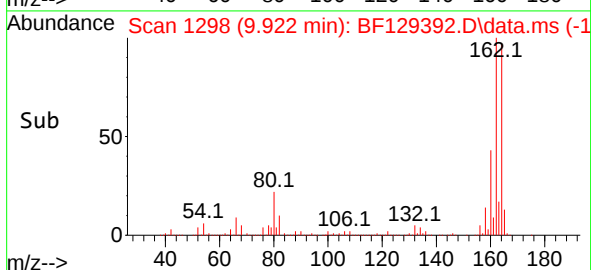
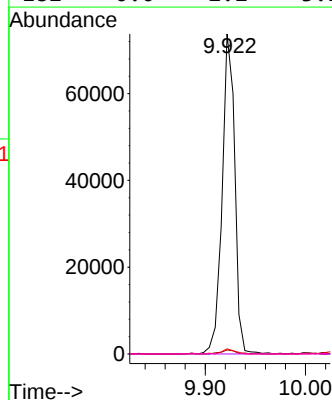
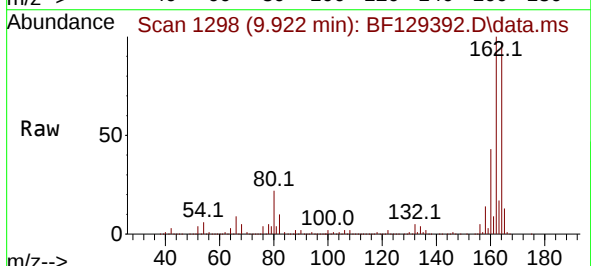
Ion Ratio Lower Upper

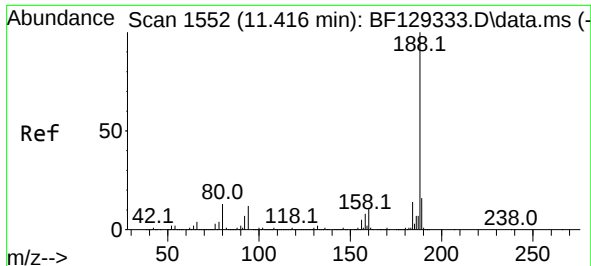
165 100

63 1.2 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

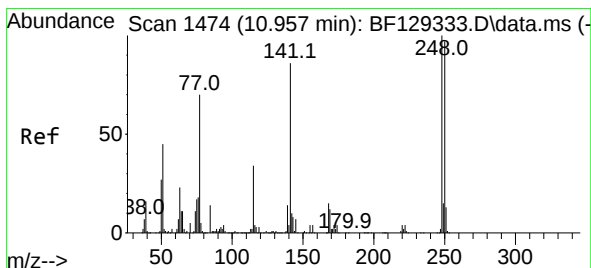
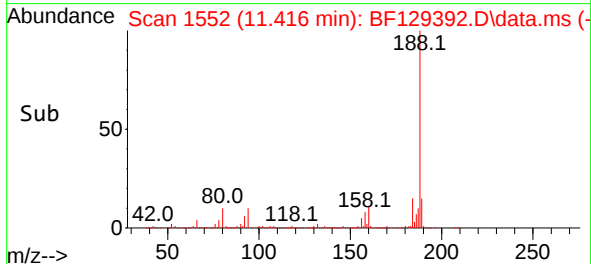
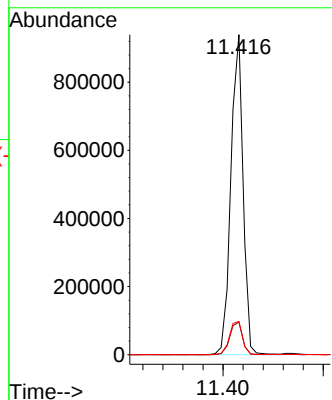
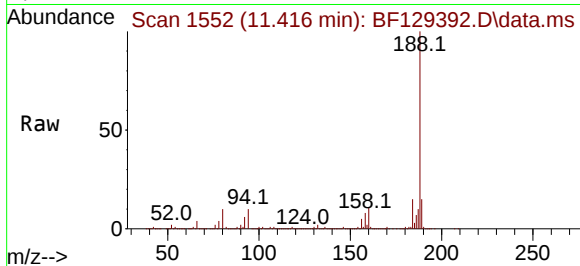




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

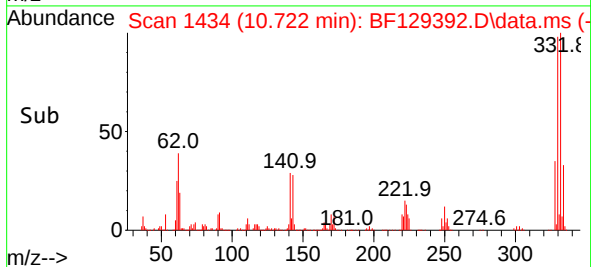
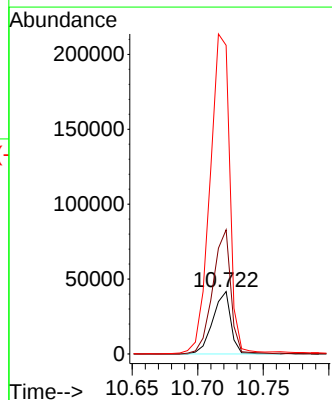
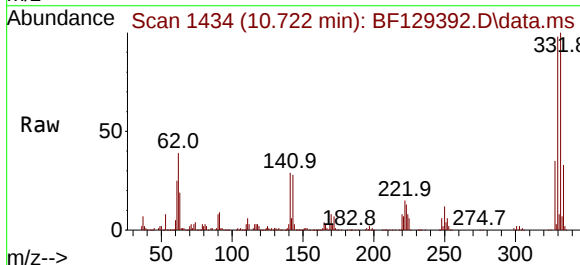
Instrument :
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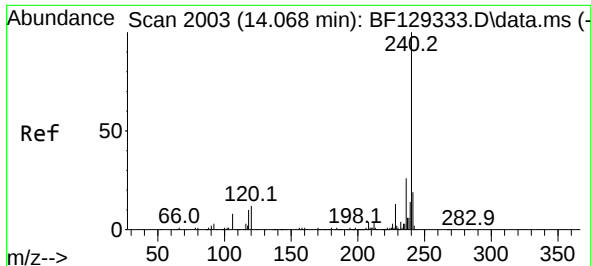
Tgt Ion:188 Resp: 790771
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.4 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.604 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

Tgt Ion:248 Resp: 39869
Ion Ratio Lower Upper
248 100
250 199.0 80.6 120.8#
141 494.6 58.9 88.3#

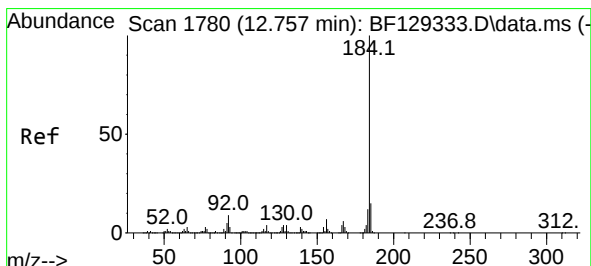
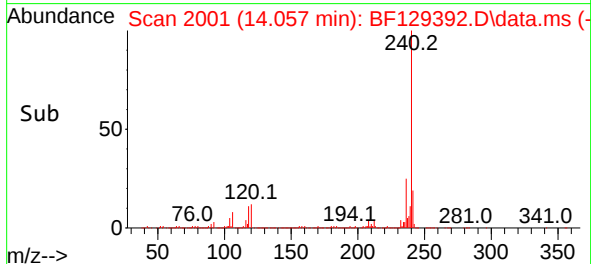
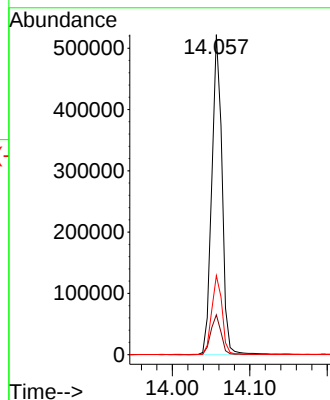
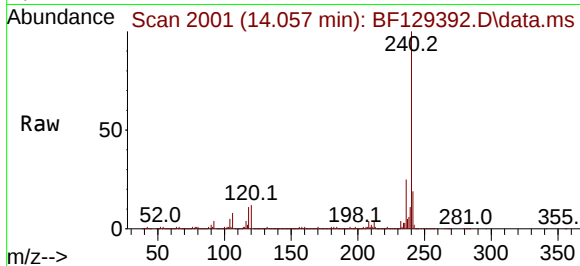




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

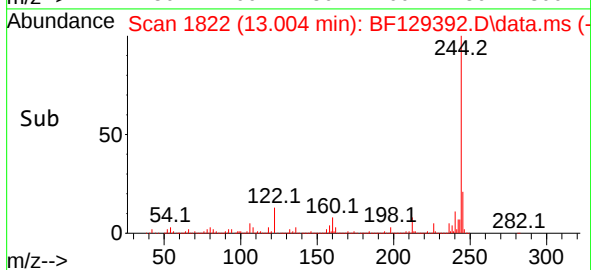
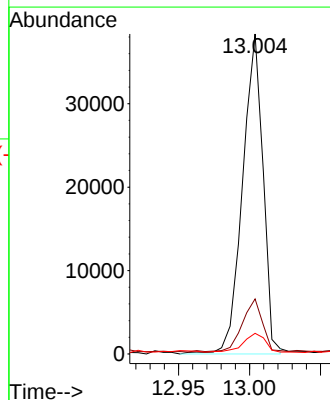
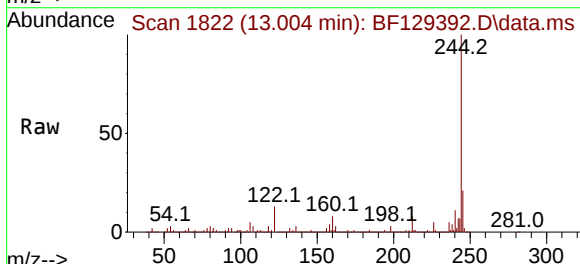
Instrument :
BNA_F
ClientSampleId :
MW-13

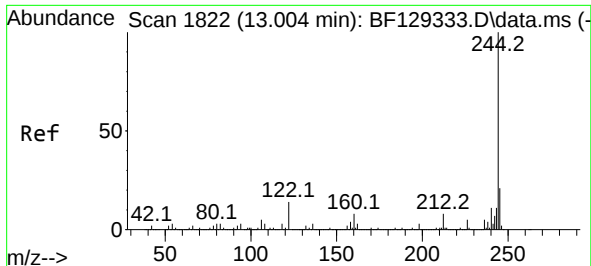
Tgt Ion:240 Resp: 479340
Ion Ratio Lower Upper
240 100
120 12.5 8.9 13.3
236 24.7 20.8 31.2



#77
Benzidine
Concen: 2.271 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129392.D
Acq: 27 Jul 2022 23:49

Tgt Ion:184 Resp: 38454
Ion Ratio Lower Upper
184 100
185 17.2 11.9 17.9
183 6.4 9.3 13.9#

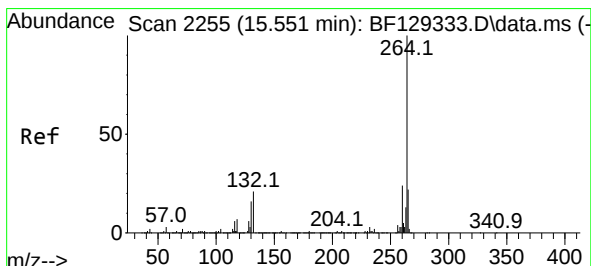
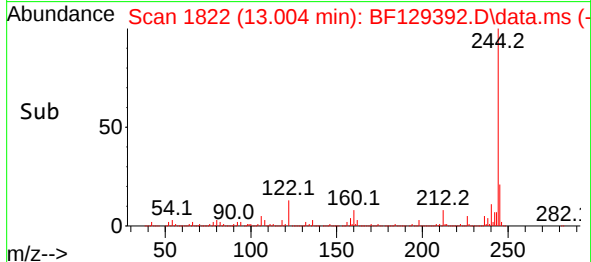
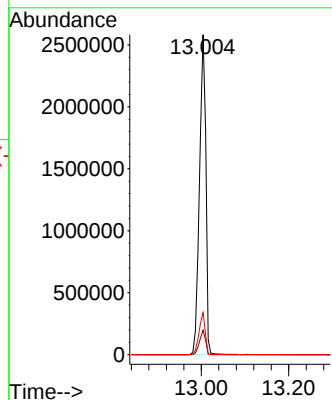
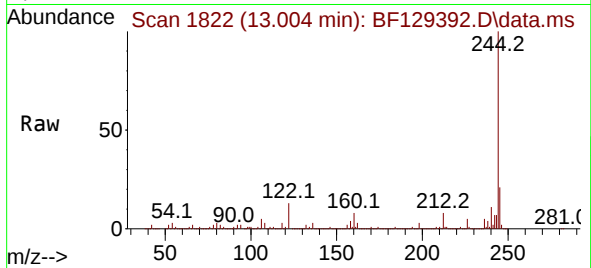




#79
 Terphenyl-d14
 Concen: 103.162 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129392.D
 Acq: 27 Jul 2022 23:49

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 2621128
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129392.D
 Acq: 27 Jul 2022 23:49

Tgt Ion:264 Resp: 404622
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 20.6 17.2 25.8

