

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129388.D
 Acq On : 27 Jul 2022 21:37
 Operator : CG\JU
 Sample : N3861-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

Quant Time: Jul 28 01:32:26 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)

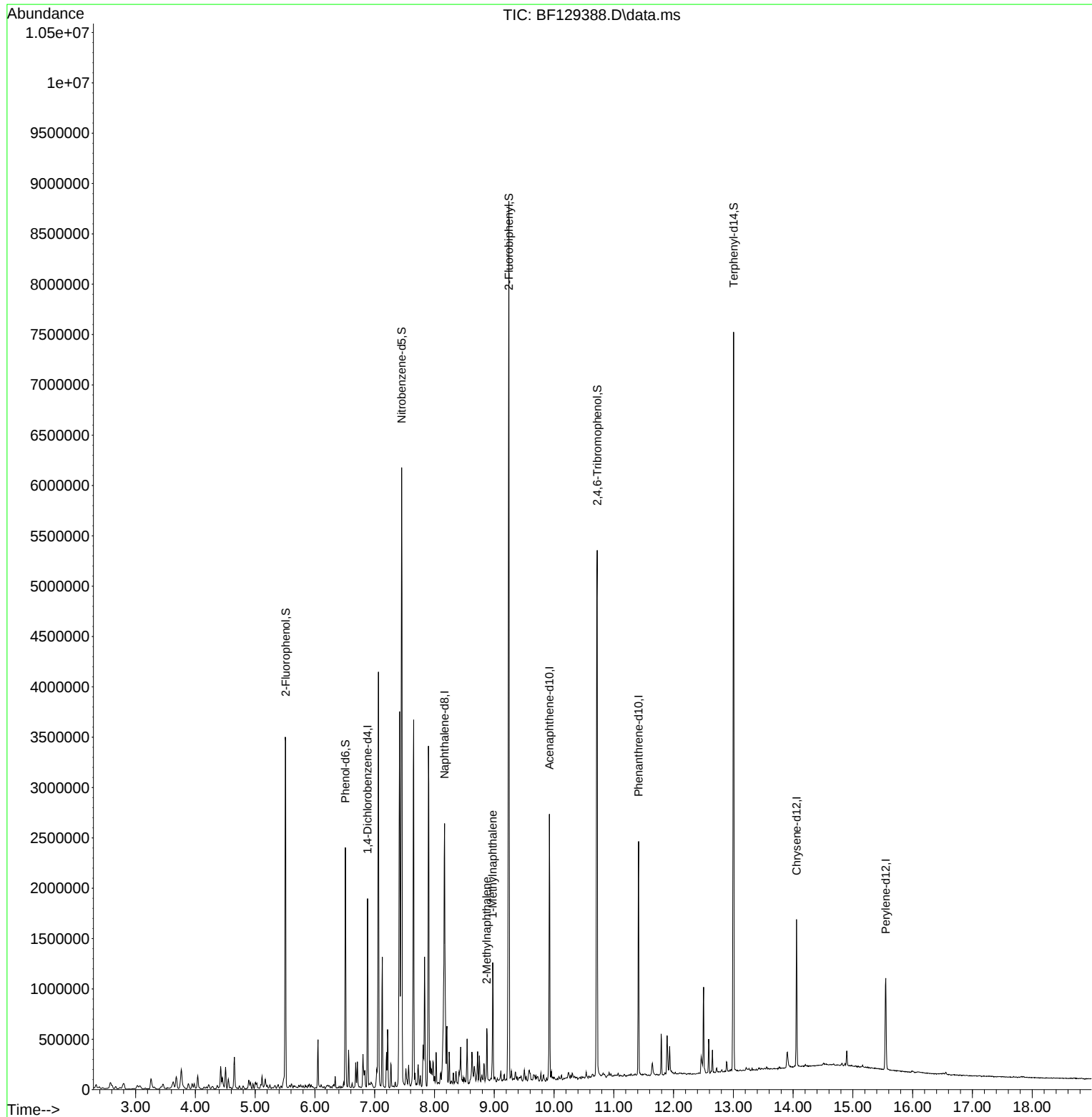
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	259788	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1009639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	518244	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	810260	20.000	ng	0.00
76) Chrysene-d12	14.057	240	474612	20.000	ng	-0.01
86) Perylene-d12	15.551	264	416084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	982309	61.596	ng	0.01
7) Phenol-d6	6.510	99	763911	38.109	ng	0.00
23) Nitrobenzene-d5	7.451	82	1676478	90.643	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	688506	138.184	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2760074	82.388	ng	0.00
79) Terphenyl-d14	13.004	244	2523372	100.304	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.875	142	138101	4.143	ng	Qvalue 97
38) 1-Methylnaphthalene	8.975	142	263515	8.189	ng	100

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

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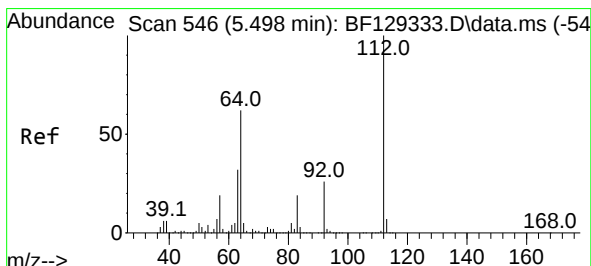
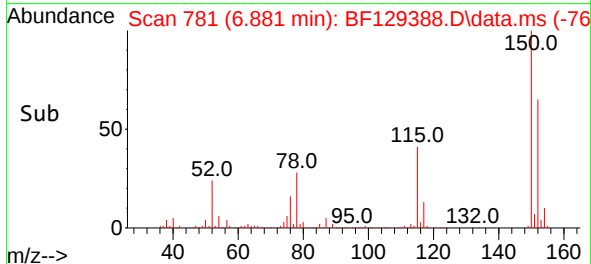
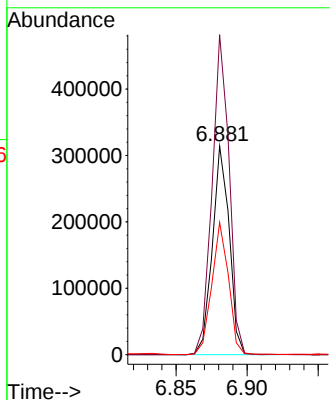
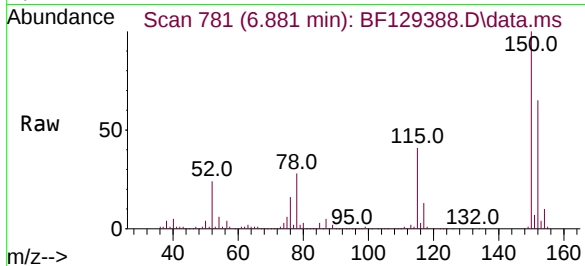




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

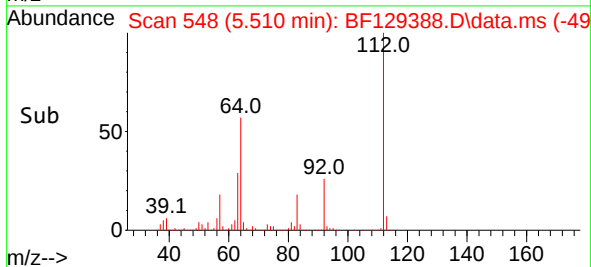
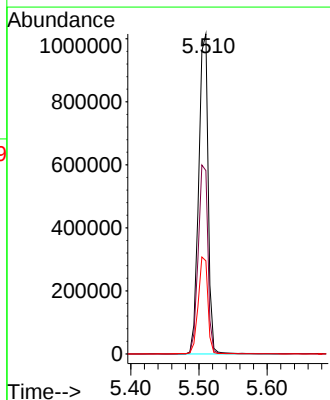
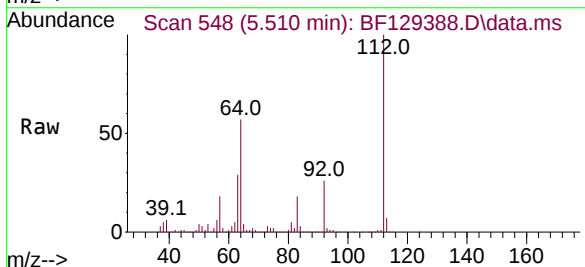
Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

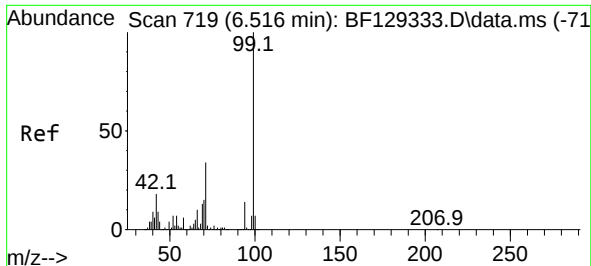
Tgt Ion:152 Resp: 259788
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.7 185.5
 115 63.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 61.596 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

Tgt Ion:112 Resp: 982309
 Ion Ratio Lower Upper
 112 100
 64 57.3 53.3 79.9
 63 29.1 28.0 42.0

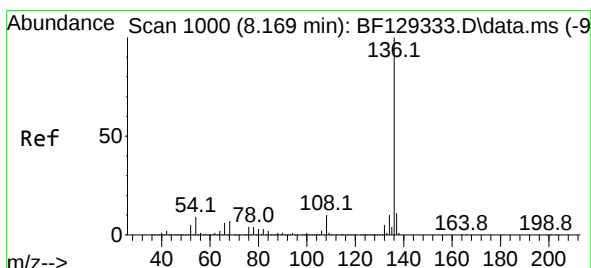
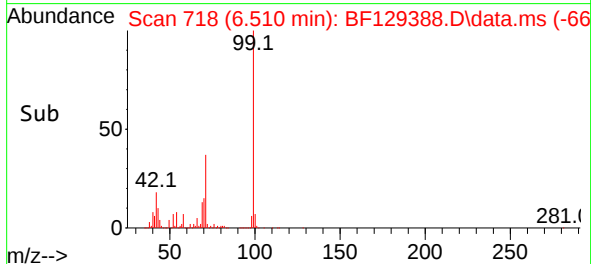
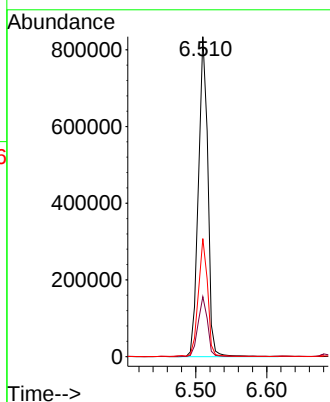
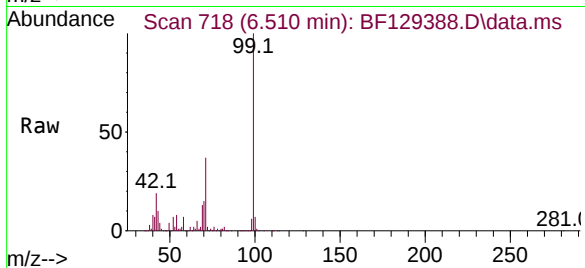




#7
Phenol-d6
Concen: 38.109 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

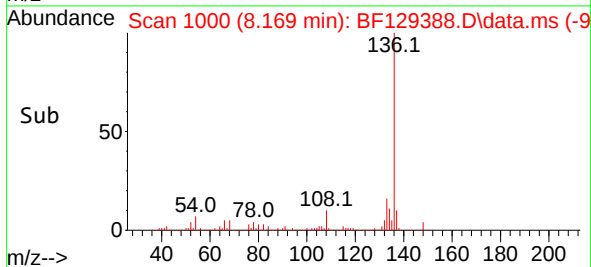
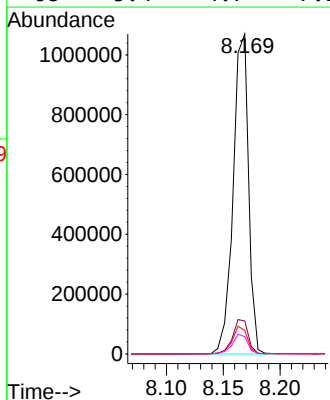
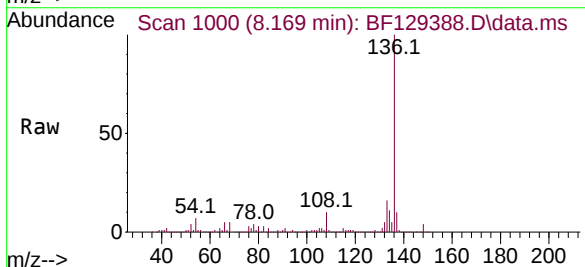
Instrument :
BNA_F
ClientSampleId :
MW-19R

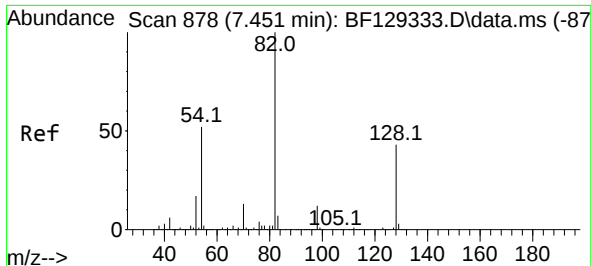
Tgt Ion: 99 Resp: 763911
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion: 136 Resp: 1009639
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.3 7.5 11.3#
68 5.4 4.7 7.1

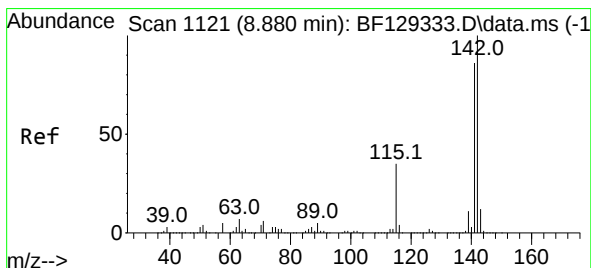
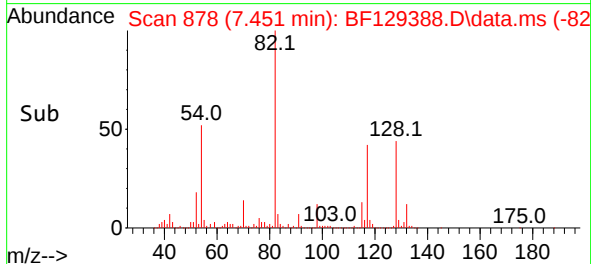
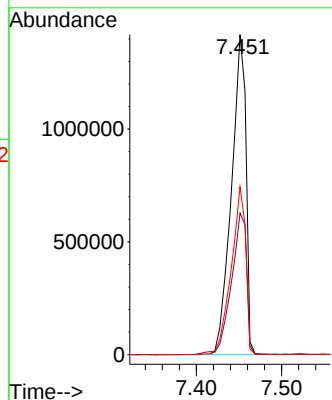
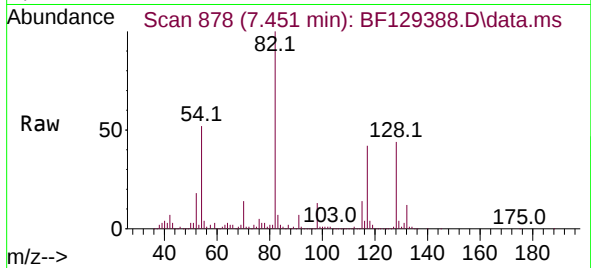




#23
Nitrobenzene-d5
Concen: 90.643 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

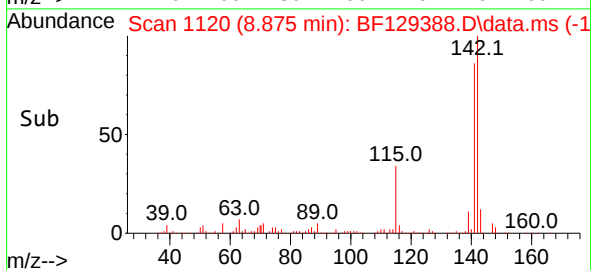
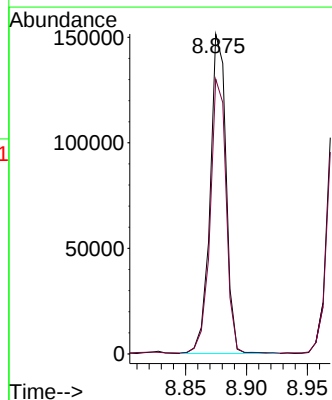
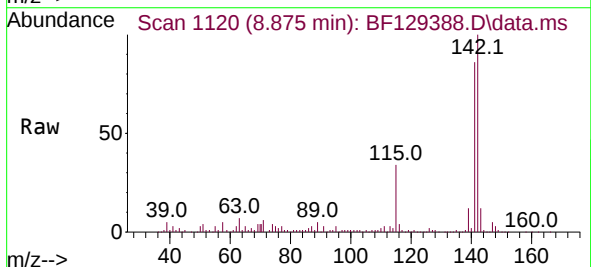
Instrument :
BNA_F
ClientSampleId :
MW-19R

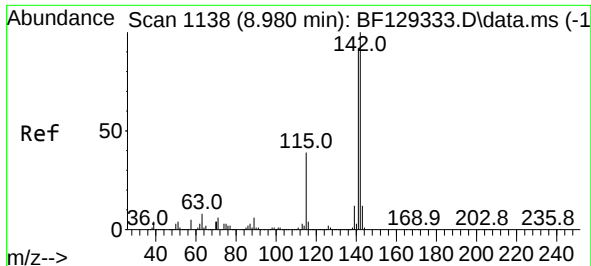
Tgt Ion: 82 Resp: 1676478
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 52.4 46.9 70.3



#37
2-Methylnaphthalene
Concen: 4.143 ng
RT: 8.875 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BF129388.D
Acq: 27 Jul 2022 21:37

Tgt Ion:142 Resp: 138101
Ion Ratio Lower Upper
142 100
141 85.9 71.0 106.4





#38

1-Methylnaphthalene

Concen: 8.189 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

Instrument :

BNA_F

ClientSampleId :

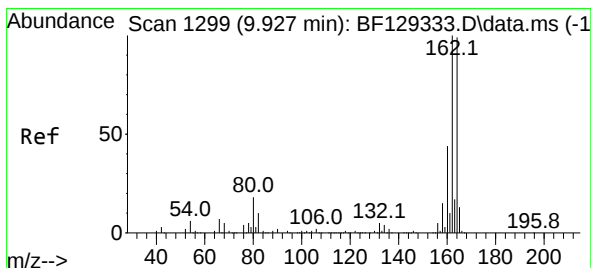
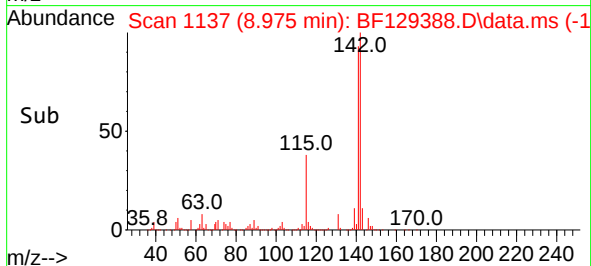
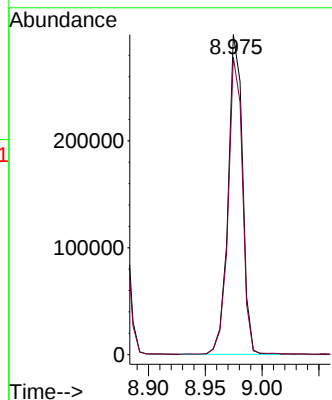
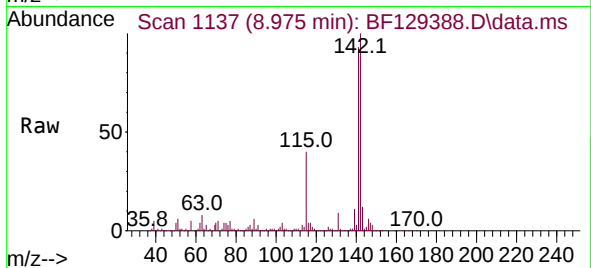
MW-19R

Tgt Ion:142 Resp: 263515

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

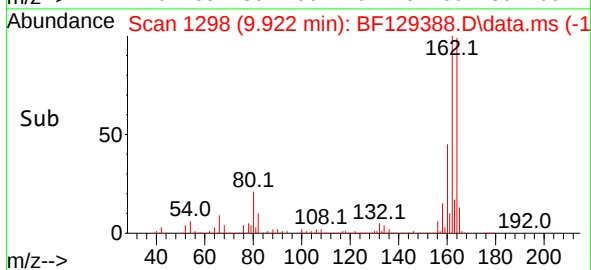
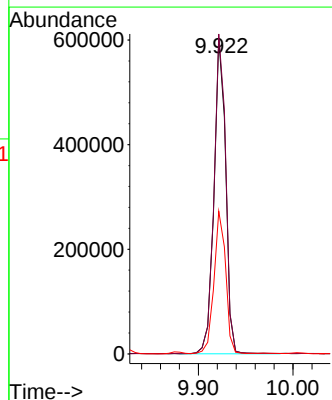
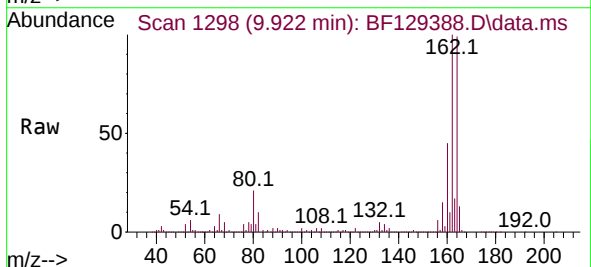
Tgt Ion:164 Resp: 518244

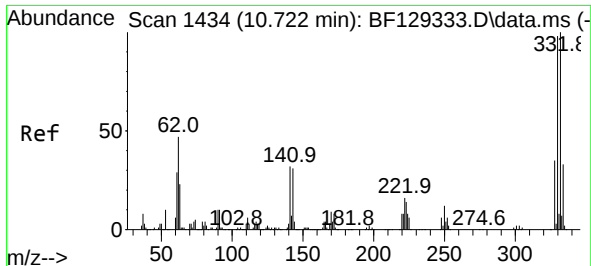
Ion Ratio Lower Upper

164 100

162 101.4 79.5 119.3

160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 138.184 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

Instrument :

BNA_F

ClientSampleId :

MW-19R

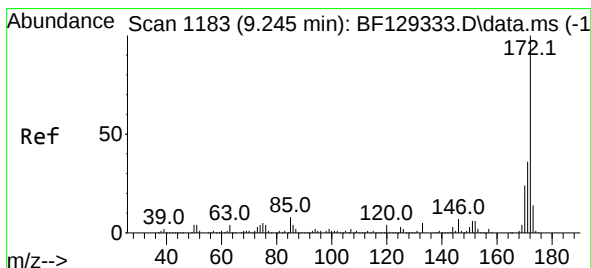
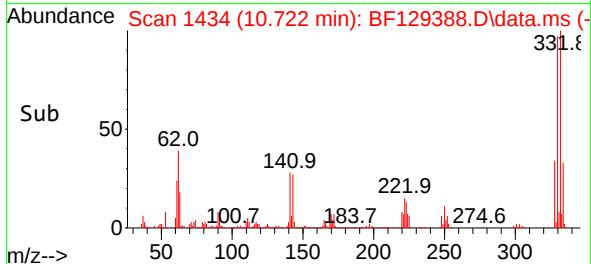
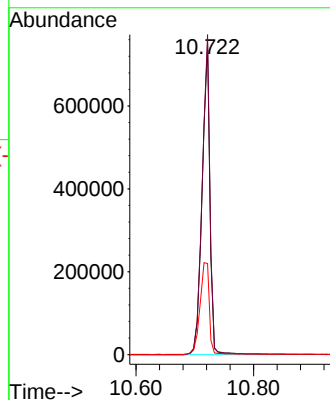
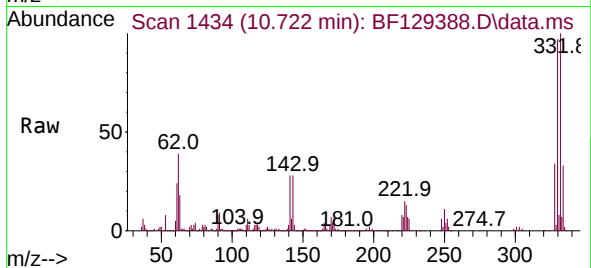
Tgt Ion:330 Resp: 688506

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 35.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.388 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

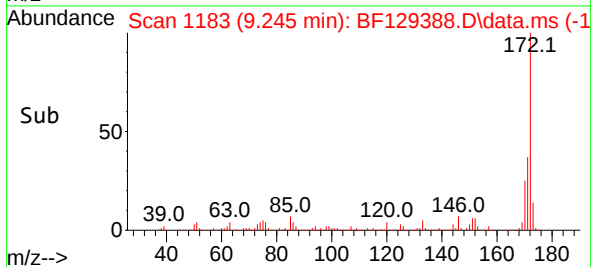
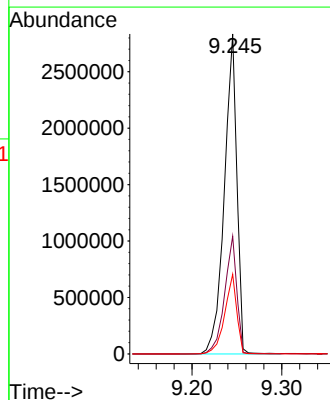
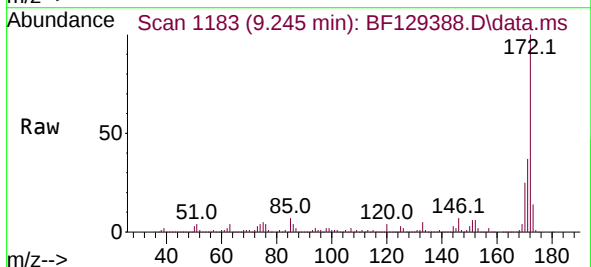
Tgt Ion:172 Resp: 2760074

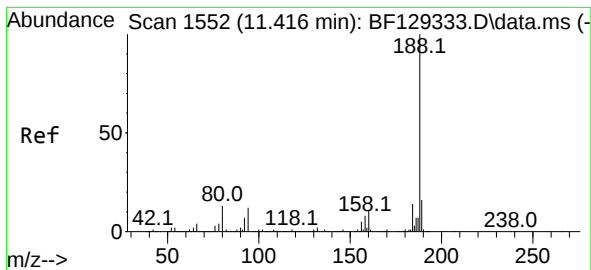
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.9 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

Instrument :

BNA_F

ClientSampleId :

MW-19R

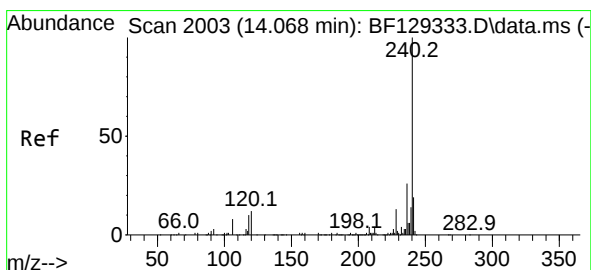
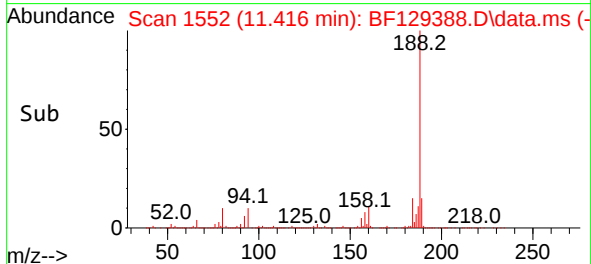
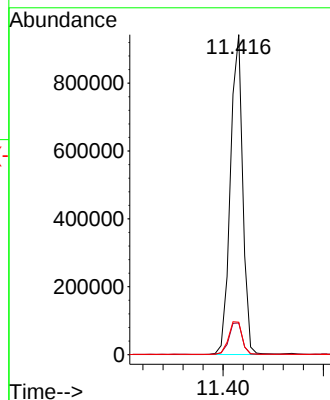
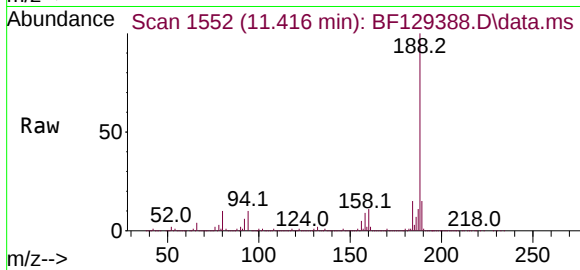
Tgt Ion:188 Resp: 810260

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.012 min

Lab File: BF129388.D

Acq: 27 Jul 2022 21:37

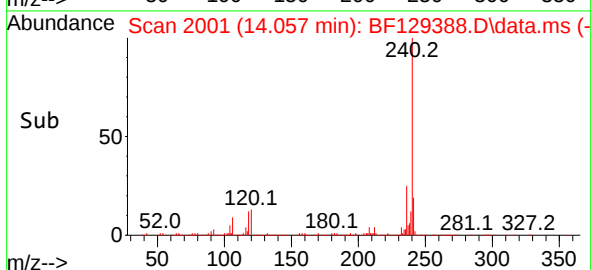
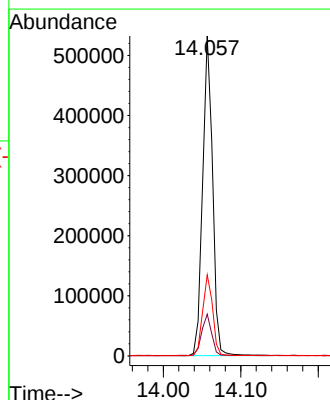
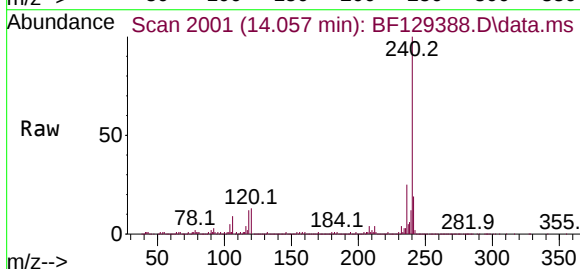
Tgt Ion:240 Resp: 474612

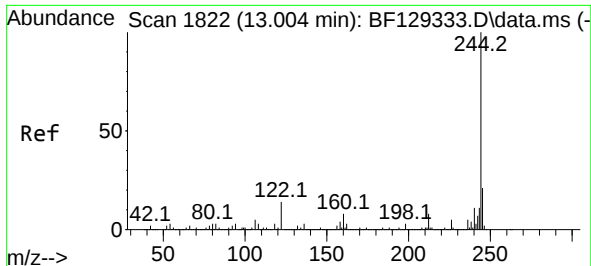
Ion Ratio Lower Upper

240 100

120 13.0 8.9 13.3

236 25.3 20.8 31.2

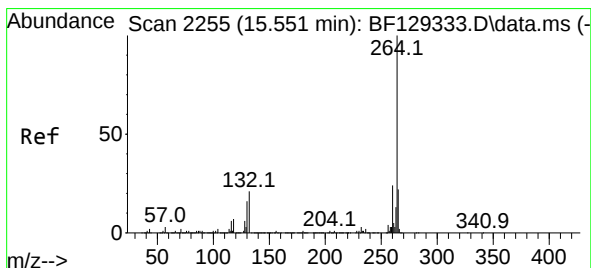
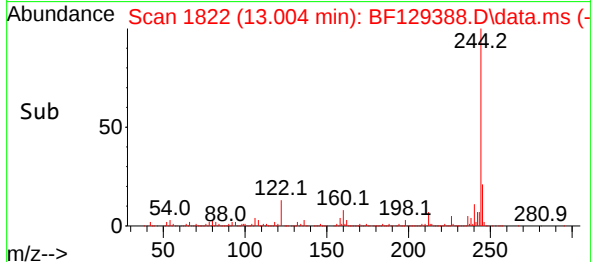
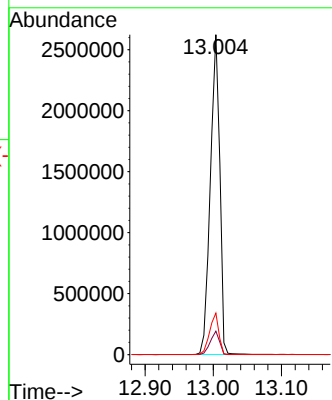
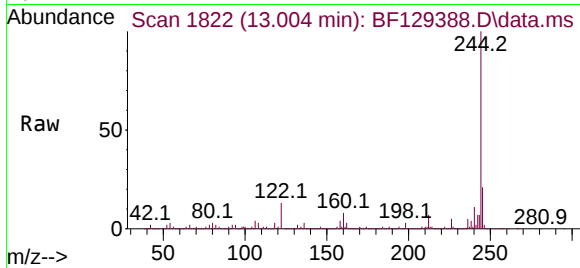




#79
 Terphenyl-d14
 Concen: 100.304 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129388.D
 Acq: 27 Jul 2022 21:37

Instrument :
 BNA_F
 ClientSampleId :
 MW-19R

Tgt Ion:244 Resp: 2523372
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.0 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: BF129388.D
 Acq: 27 Jul 2022 21:37

Tgt Ion:264 Resp: 416084
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.6 17.2 25.8

