

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129390.D
 Acq On : 27 Jul 2022 22:43
 Operator : CG\JU
 Sample : N3887-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jul 28 01:32:41 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)

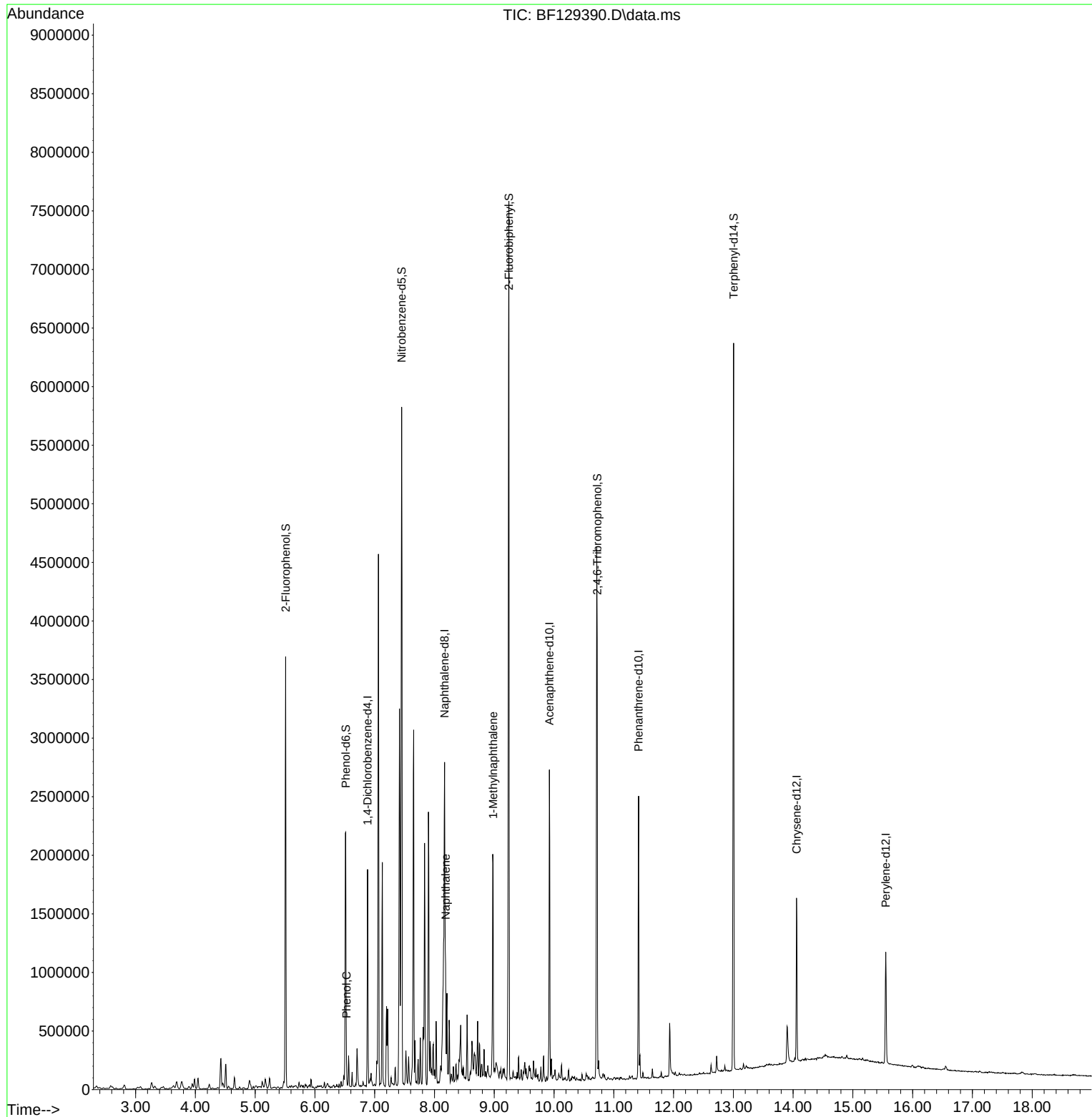
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	257793	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1003582	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	524778	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	820500	20.000	ng	0.00
76) Chrysene-d12	14.057	240	470566	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	424632	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	934136	59.028	ng	0.01
7) Phenol-d6	6.516	99	766345	38.526	ng	0.00
23) Nitrobenzene-d5	7.451	82	1459500	79.388	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	568498	112.678	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2391437	70.495	ng	0.00
79) Terphenyl-d14	13.004	244	2110880	84.629	ng	0.00
Target Compounds						
10) Phenol	6.528	94	47852	2.259	ng	Qvalue 92
31) Naphthalene	8.186	128	223350	4.380	ng	# 94
38) 1-Methylnaphthalene	8.980	142	471657	14.745	ng	99

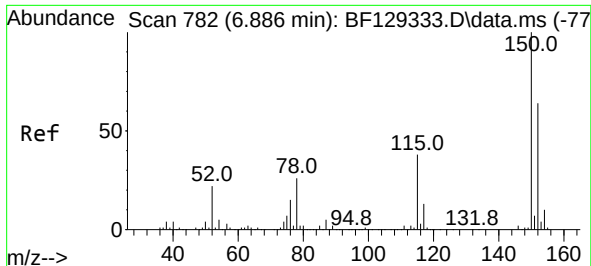
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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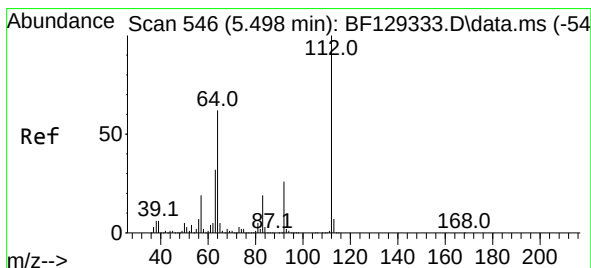
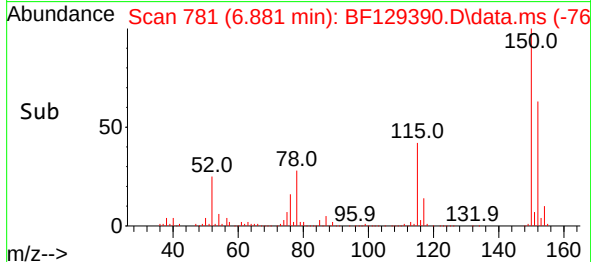
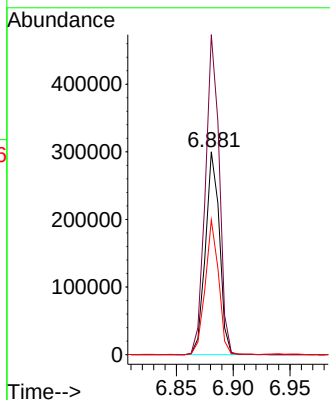
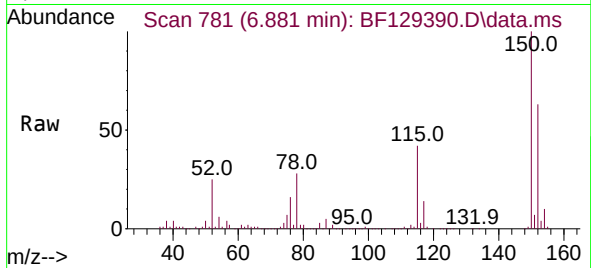




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129390.D
 Acq: 27 Jul 2022 22:43

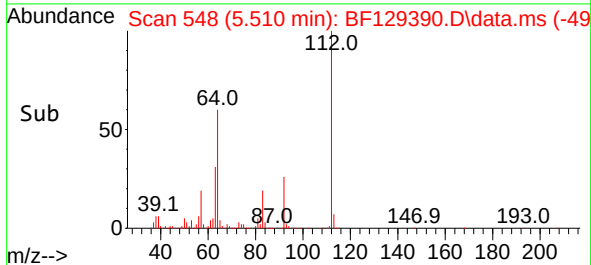
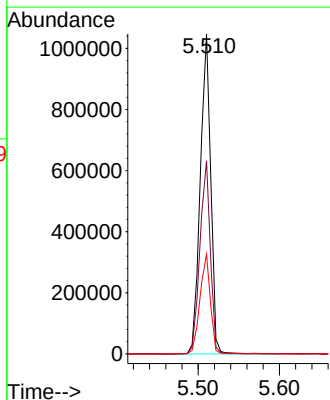
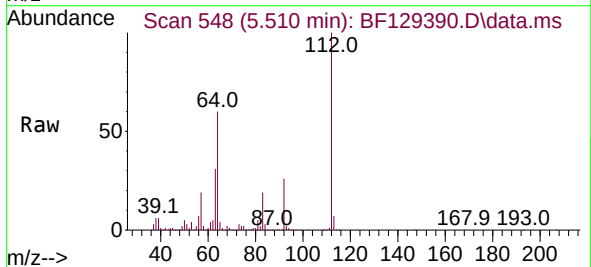
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

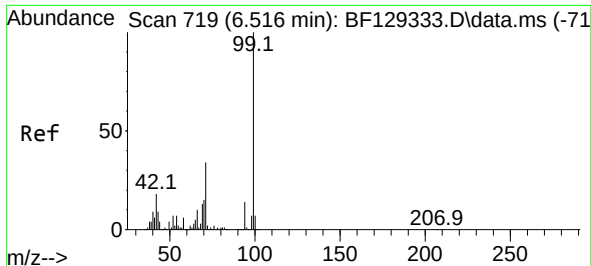
Tgt Ion:152 Resp: 257793
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.7 185.5
 115 66.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 59.028 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129390.D
 Acq: 27 Jul 2022 22:43

Tgt Ion:112 Resp: 934136
 Ion Ratio Lower Upper
 112 100
 64 60.3 53.3 79.9
 63 31.1 28.0 42.0





#7

Phenol-d6

Concen: 38.526 ng

RT: 6.516 min Scan# 719

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

Instrument :

BNA_F

ClientSampleId :

MW-1

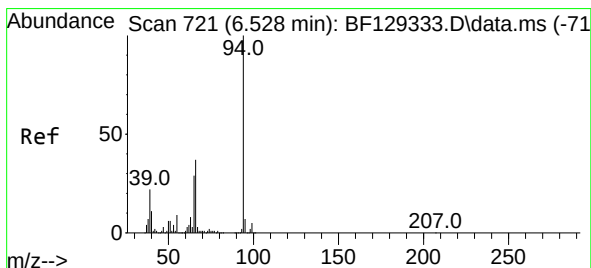
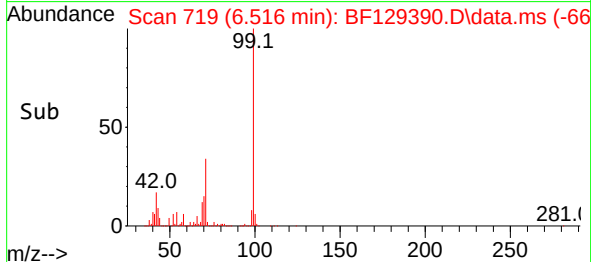
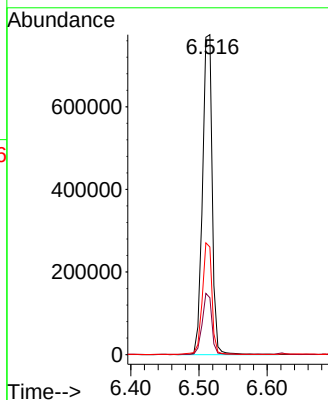
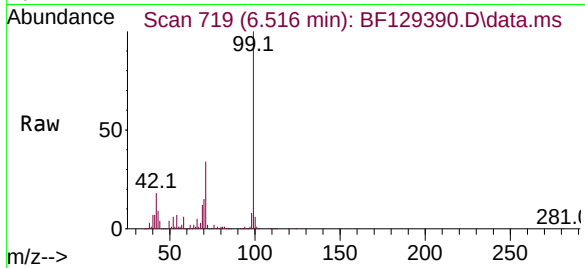
Tgt Ion: 99 Resp: 766345

Ion Ratio Lower Upper

99 100

42 17.8 17.3 25.9

71 33.6 28.9 43.3



#10

Phenol

Concen: 2.259 ng

RT: 6.528 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF129390.D

Acq: 27 Jul 2022 22:43

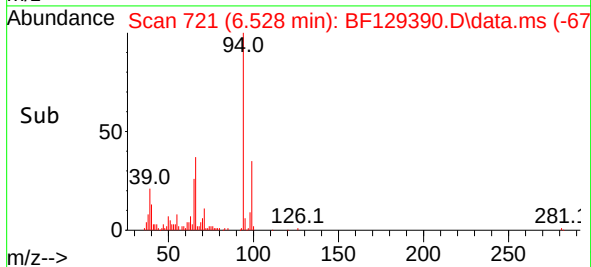
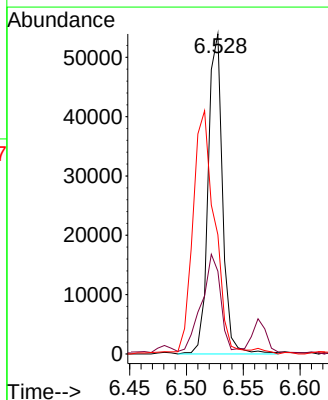
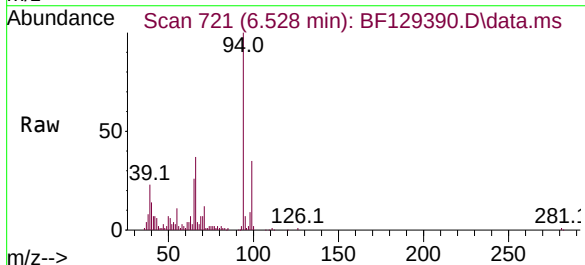
Tgt Ion: 94 Resp: 47852

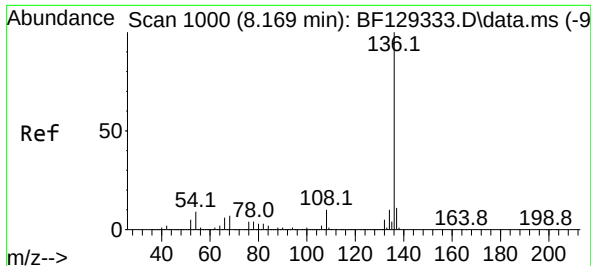
Ion Ratio Lower Upper

94 100

65 25.8 11.4 51.4

66 37.2 21.4 61.4

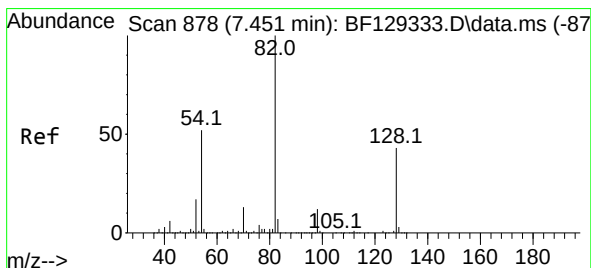
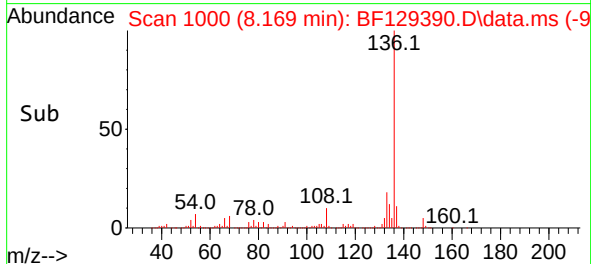
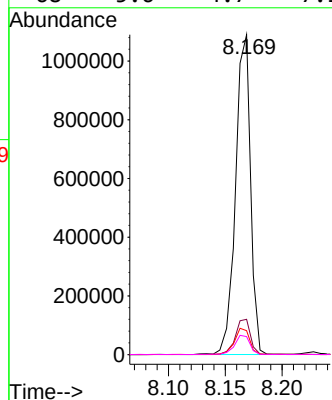
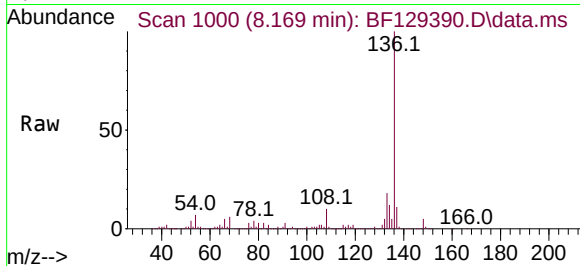




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

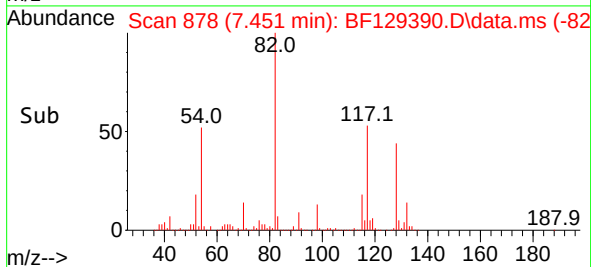
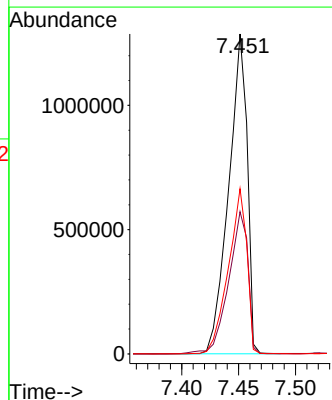
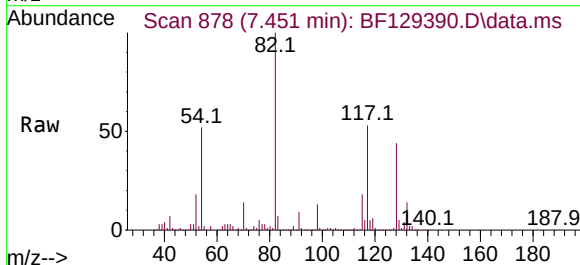
Instrument :
BNA_F
ClientSampleId :
MW-1

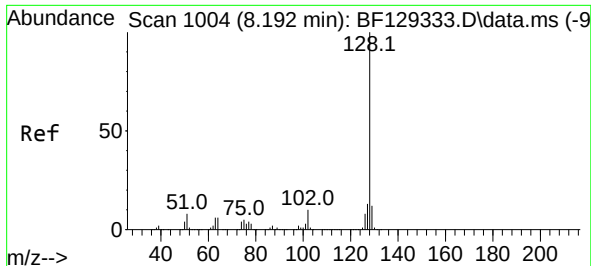
Tgt Ion:136 Resp: 1003582
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3#
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.388 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion: 82 Resp: 1459500
Ion Ratio Lower Upper
82 100
128 44.4 34.0 51.0
54 51.7 46.9 70.3

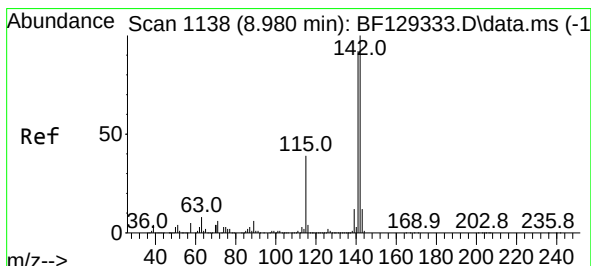
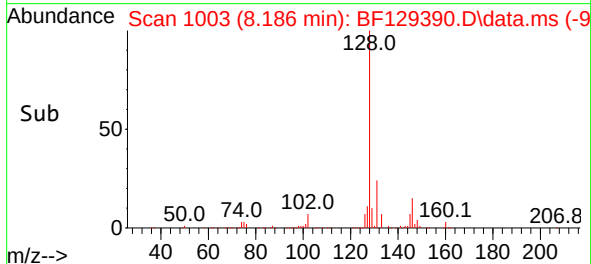
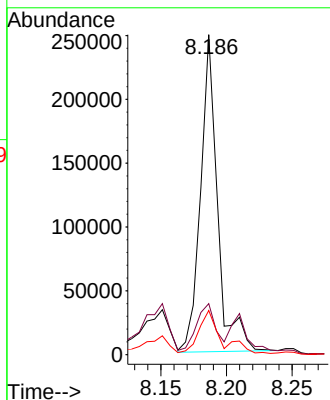
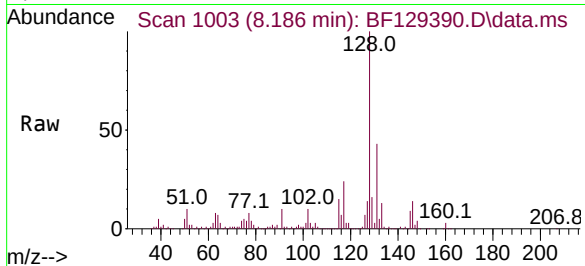




#31
Naphthalene
Concen: 4.380 ng
RT: 8.186 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

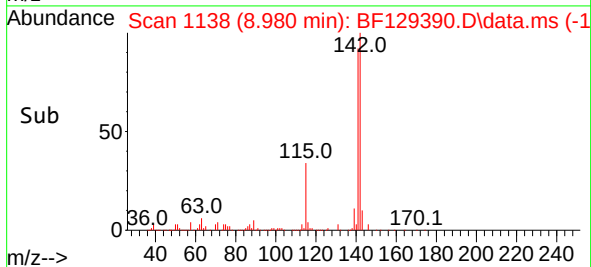
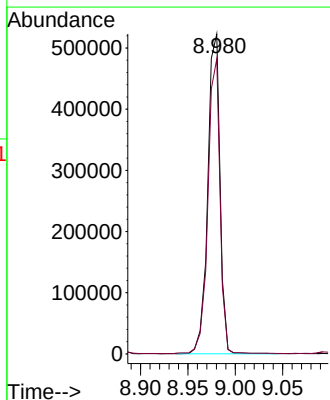
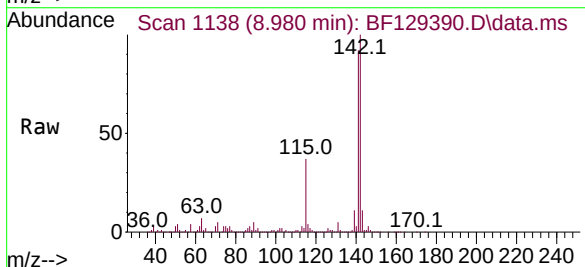
Instrument :
BNA_F
ClientSampleId :
MW-1

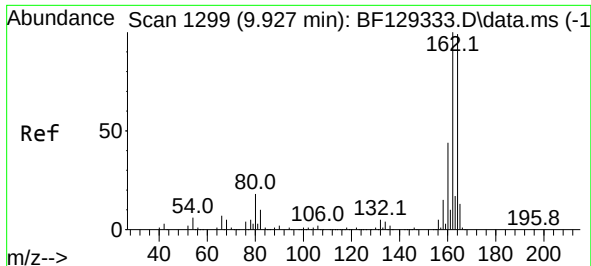
Tgt Ion:128 Resp: 223350
Ion Ratio Lower Upper
128 100
129 15.9 9.2 13.8#
127 13.8 10.5 15.7



#38
1-Methylnaphthalene
Concen: 14.745 ng
RT: 8.980 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:142 Resp: 471657
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4

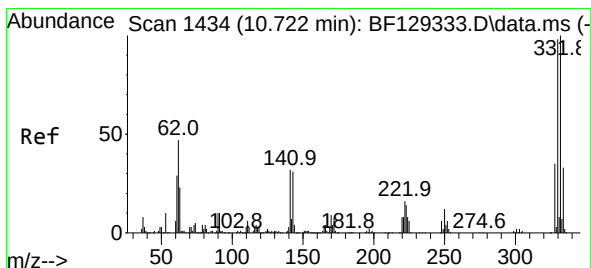
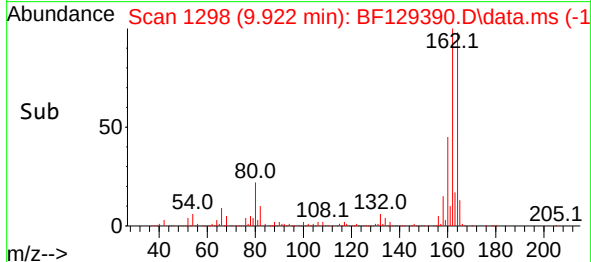
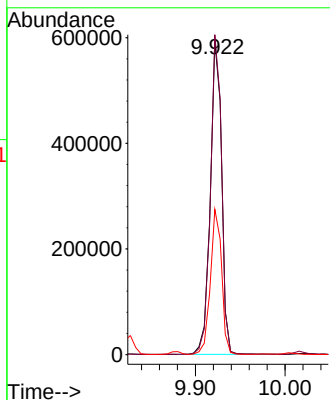
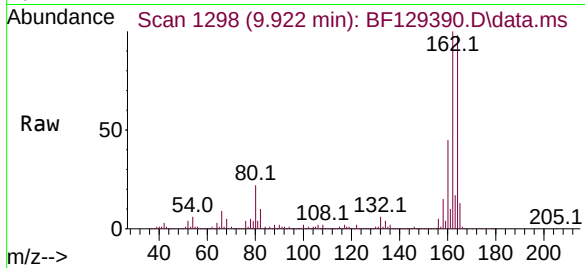




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

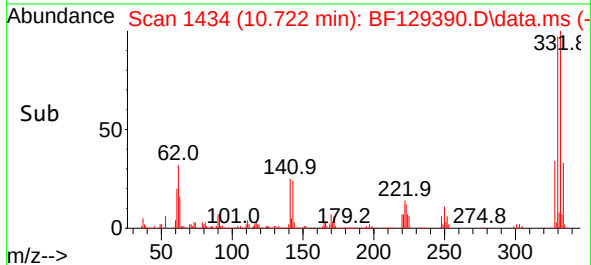
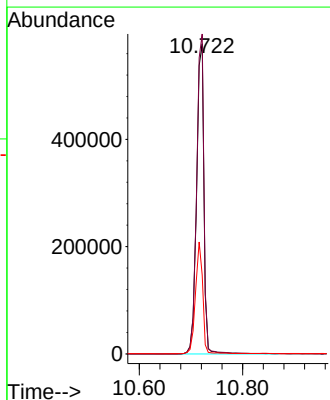
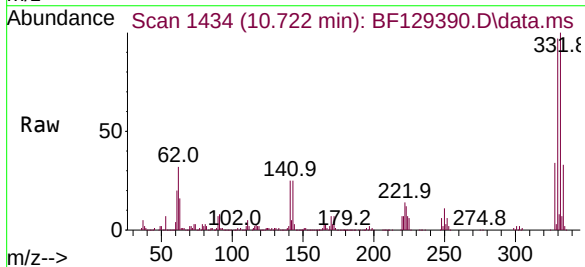
Instrument :
BNA_F
ClientSampleId :
MW-1

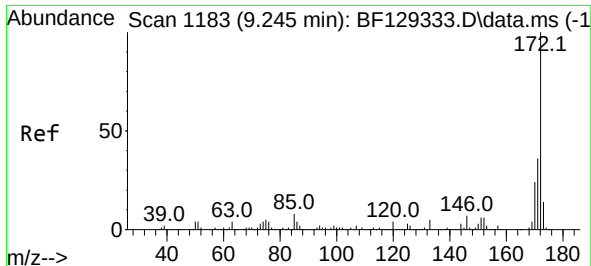
Tgt Ion:164 Resp: 524778
Ion Ratio Lower Upper
164 100
162 102.2 79.5 119.3
160 46.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 112.678 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:330 Resp: 568498
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 35.4 28.0 42.0

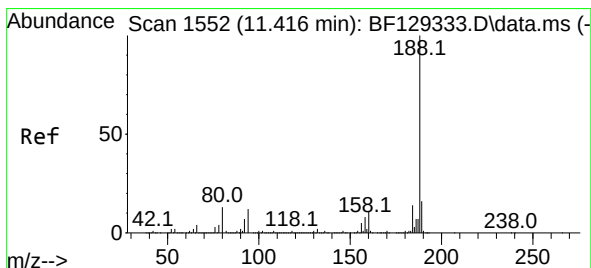
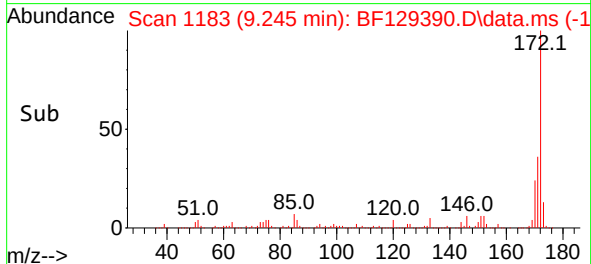
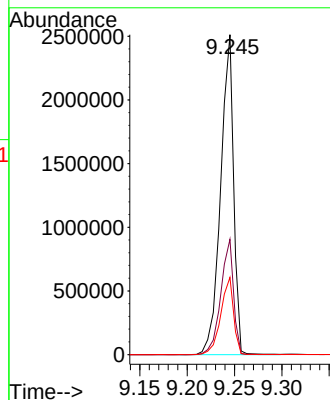
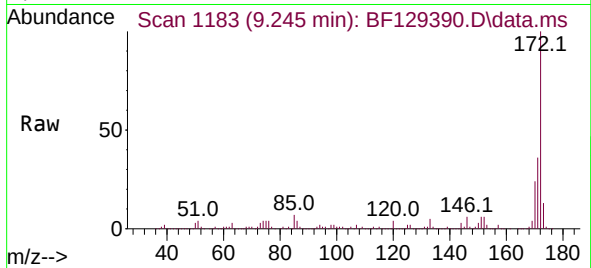




#45
2-Fluorobiphenyl
Concen: 70.495 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

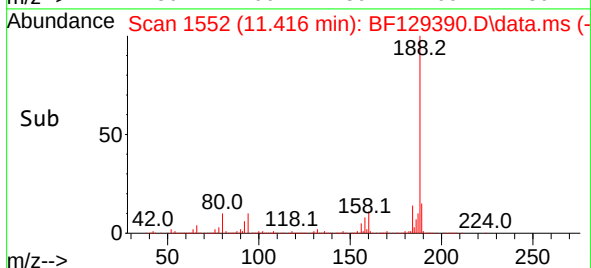
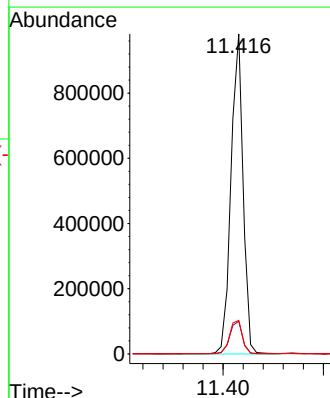
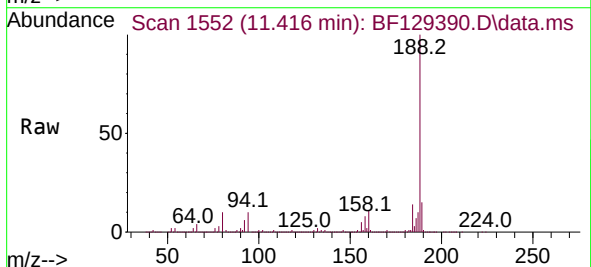
Instrument :
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ClientSampleId :
MW-1

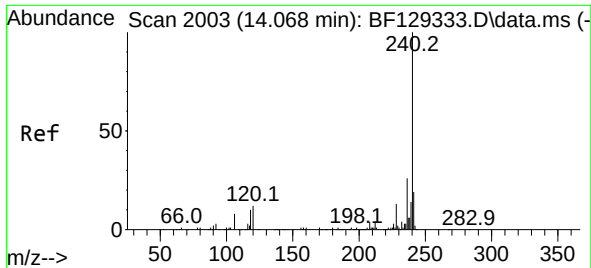
Tgt Ion:172 Resp: 2391437
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:188 Resp: 820500
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.5 7.6 11.4

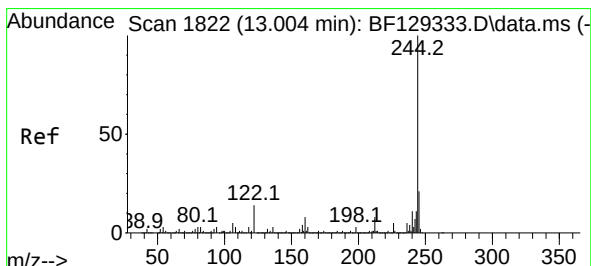
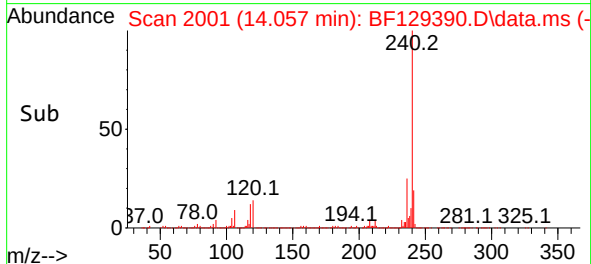
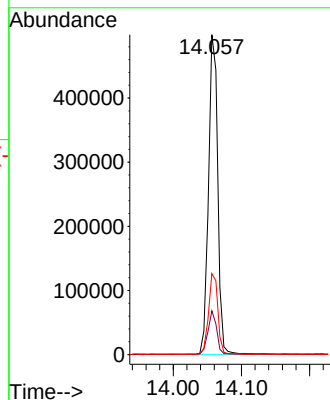
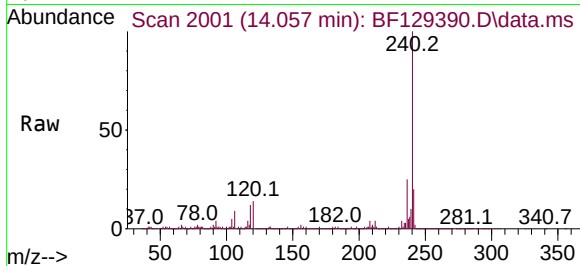




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

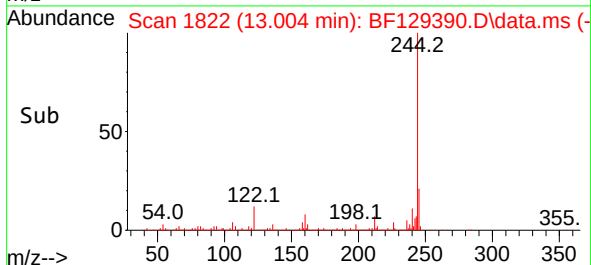
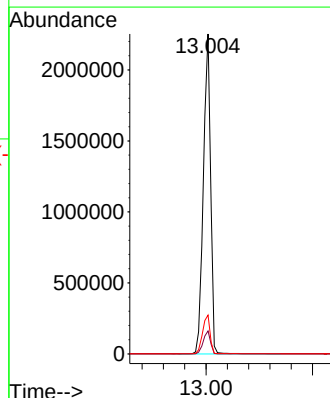
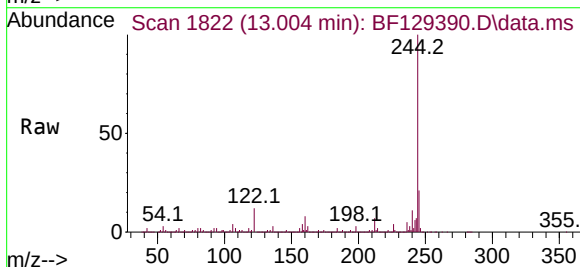
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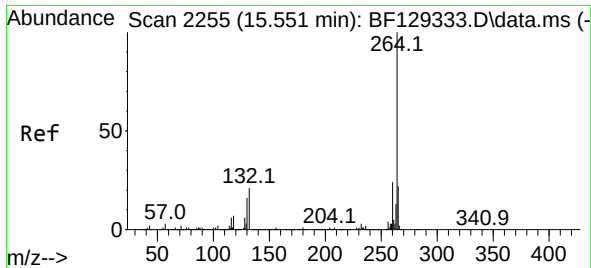
Tgt Ion:240 Resp: 470566
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 25.3 20.8 31.2



#79
Terphenyl-d14
Concen: 84.629 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Tgt Ion:244 Resp: 2110880
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.1 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129390.D
Acq: 27 Jul 2022 22:43

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:264 Resp: 424632
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.0 17.2 25.8

