

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127695.D
 Acq On : 07 Apr 2022 20:58
 Operator : CG\JU
 Sample : N2243-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-TR

Quant Time: Apr 08 04:46:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

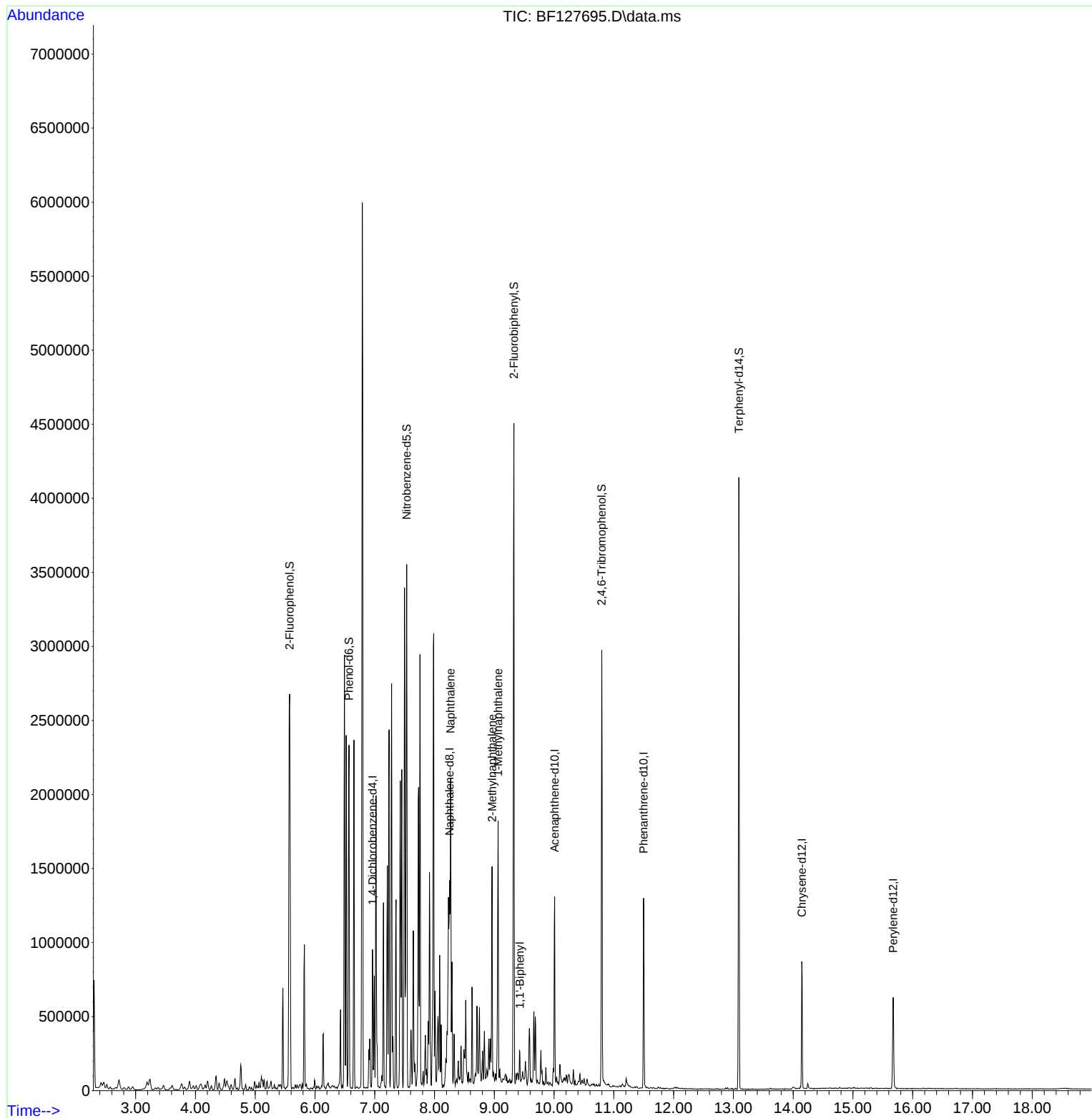
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122562	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	417947	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	257958	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	459088	20.000	ng	0.00
76) Chrysene-d12	14.145	240	309528	20.000	ng	-0.01
86) Perylene-d12	15.674	264	301445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	382963	50.773	ng	0.00
7) Phenol-d6	6.569	99	309809	31.397	ng	-0.01
23) Nitrobenzene-d5	7.534	82	806930	86.073	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	360557	131.348	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1417380	77.730	ng	0.00
79) Terphenyl-d14	13.092	244	1509143	80.477	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.269	128	587930	26.846	ng	# 96
37) 2-Methylnaphthalene	8.963	142	364064	24.855	ng	99
38) 1-Methylnaphthalene	9.063	142	425572	30.101	ng	98
46) 1,1'-Biphenyl	9.428	154	67285	3.411	ng	93

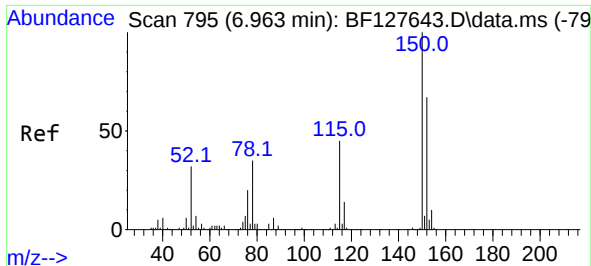
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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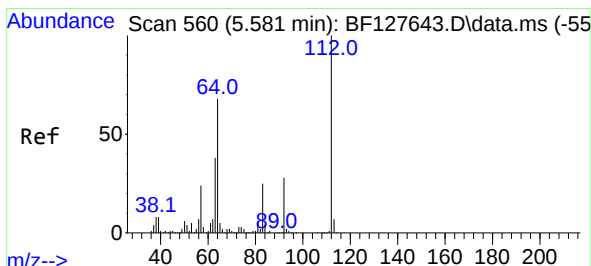
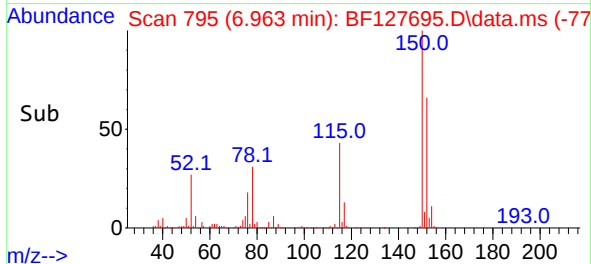
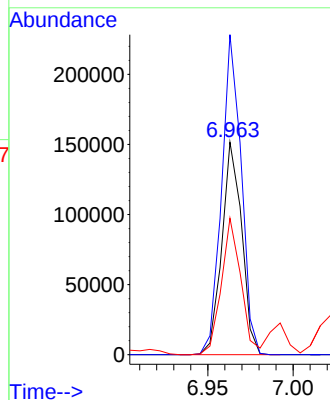
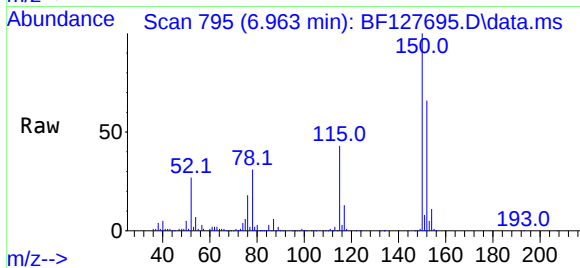




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

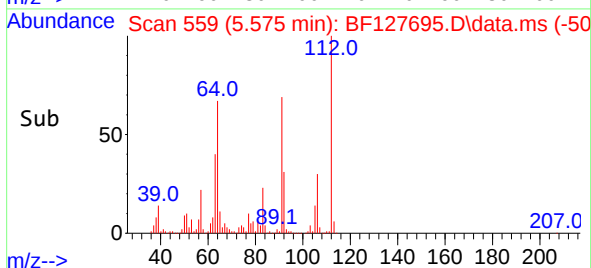
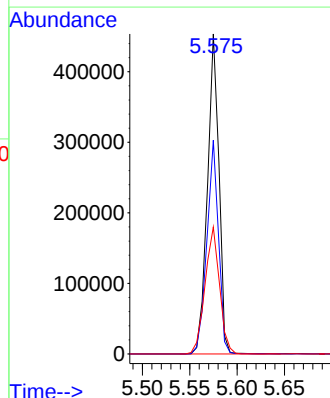
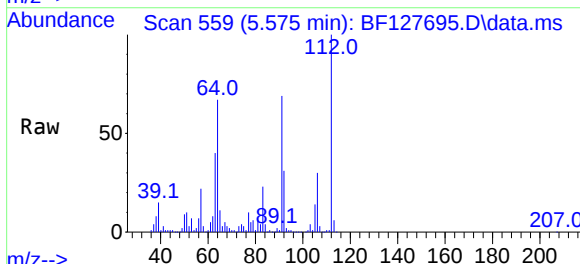
Instrument :
BNA_F
ClientSampleId :
MW-4-TR

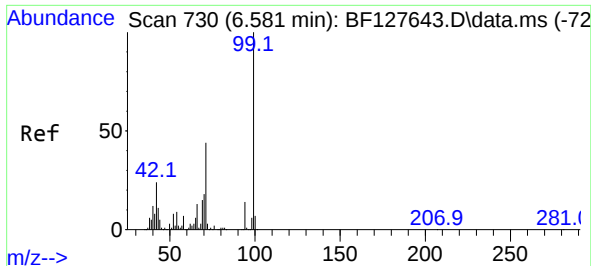
Tgt Ion:152 Resp: 122562
Ion Ratio Lower Upper
152 100
150 150.6 117.2 175.8
115 64.3 49.8 74.6



#5
2-Fluorophenol
Concen: 50.773 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

Tgt Ion:112 Resp: 382963
Ion Ratio Lower Upper
112 100
64 66.8 58.4 87.6
63 39.6 30.1 45.1

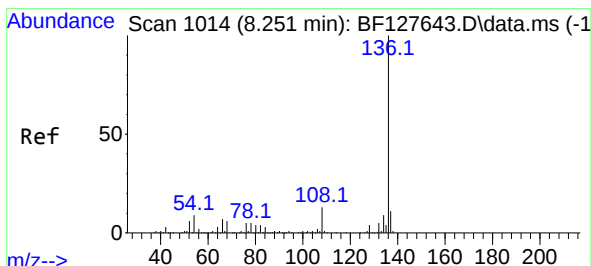
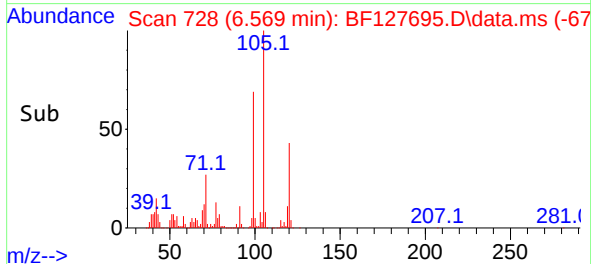
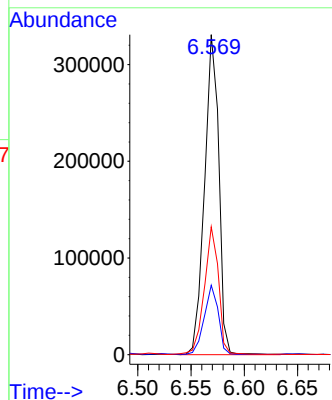
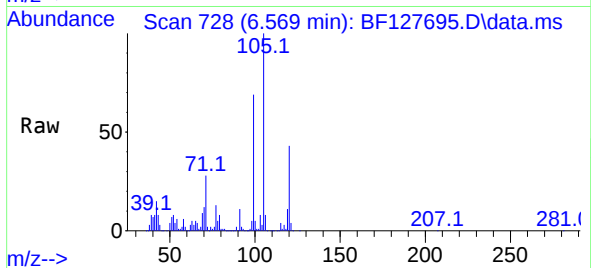




#7
Phenol-d6
Concen: 31.397 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

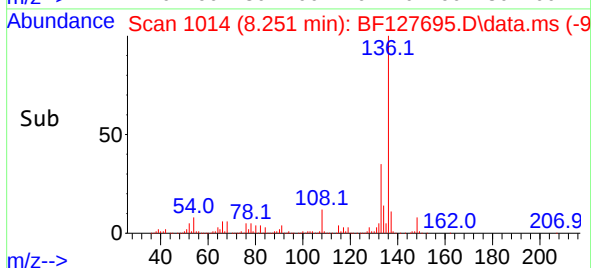
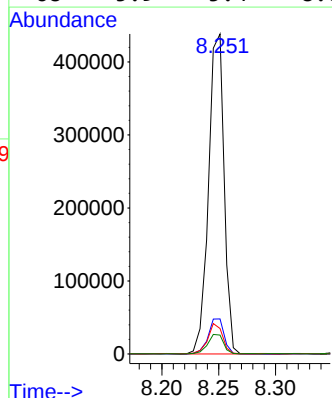
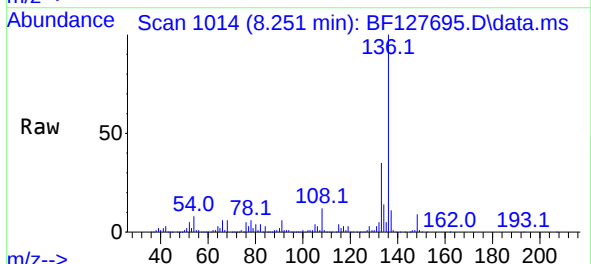
Instrument :
BNA_F
ClientSampleId :
MW-4-TR

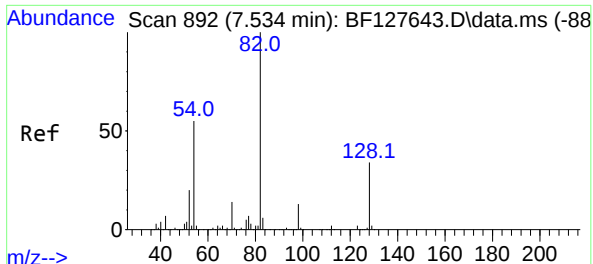
Tgt Ion: 99 Resp: 309809
Ion Ratio Lower Upper
99 100
42 21.7 17.8 26.6
71 40.0 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

Tgt Ion: 136 Resp: 417947
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 9.2 13.8#
68 5.9 5.4 8.0

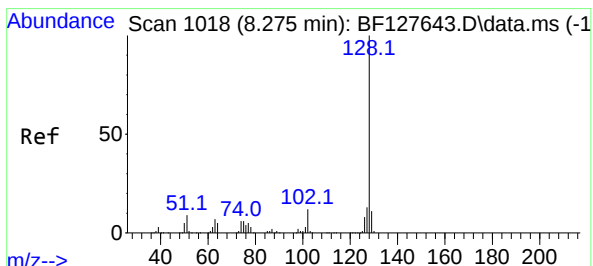
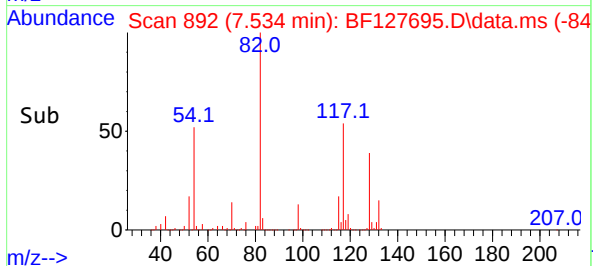
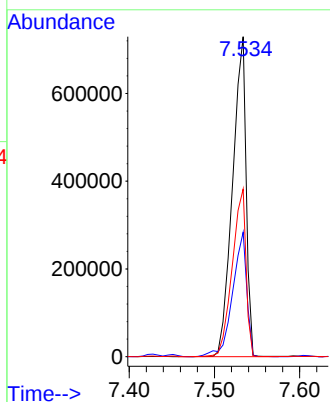
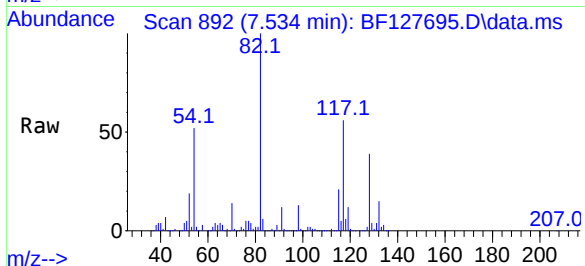




#23
Nitrobenzene-d5
Concen: 86.073 ng
RT: 7.534 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

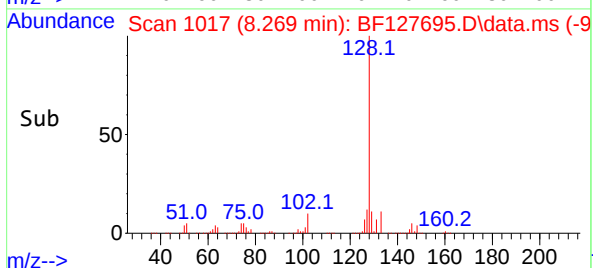
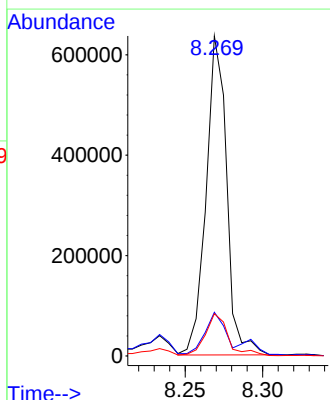
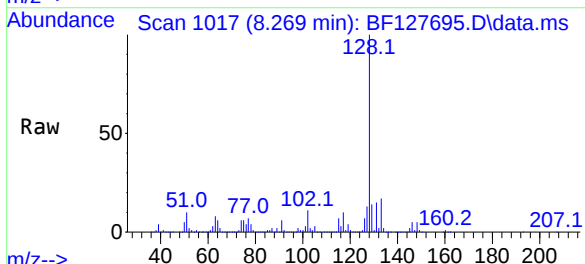
Instrument :
BNA_F
ClientSampleId :
MW-4-TR

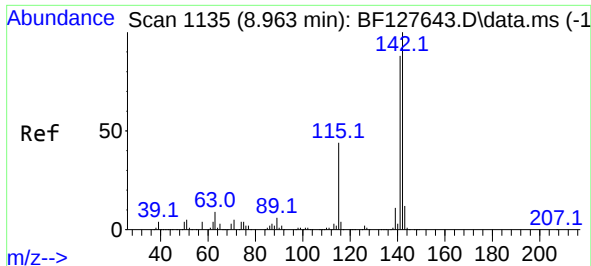
Tgt Ion: 82 Resp: 806930
Ion Ratio Lower Upper
82 100
128 38.9 30.6 45.8
54 52.4 48.2 72.2



#31
Naphthalene
Concen: 26.846 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

Tgt Ion: 128 Resp: 587930
Ion Ratio Lower Upper
128 100
129 13.6 8.4 12.6#
127 13.2 10.2 15.2

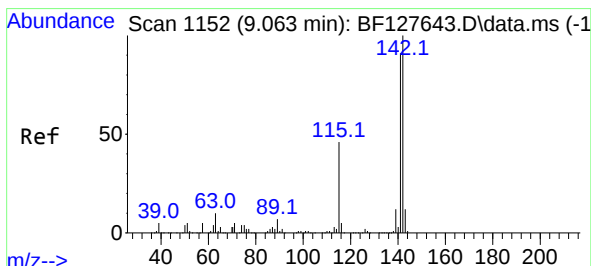
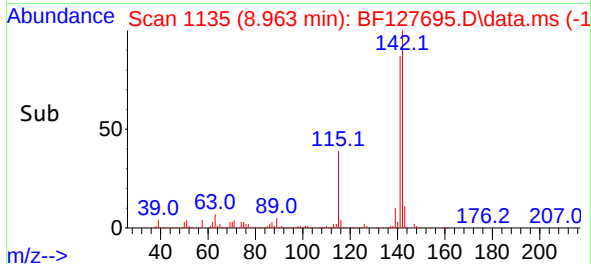
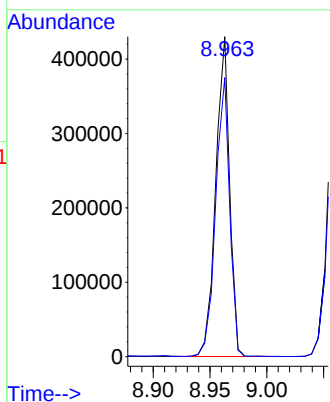
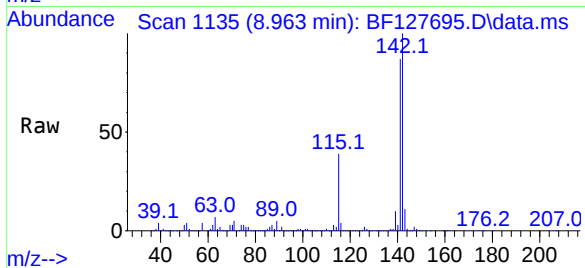




#37
2-Methylnaphthalene
Concen: 24.855 ng
RT: 8.963 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

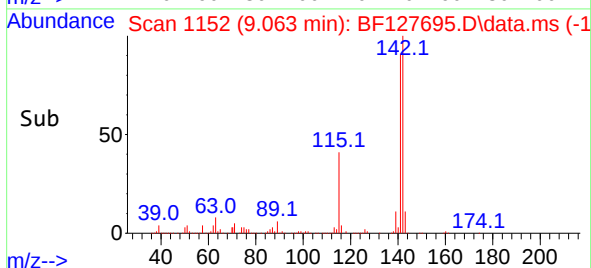
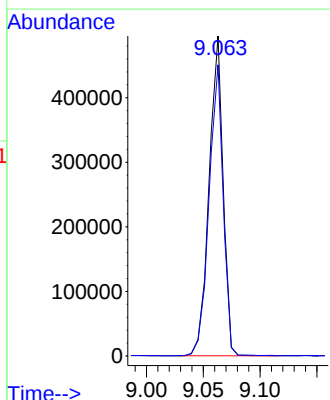
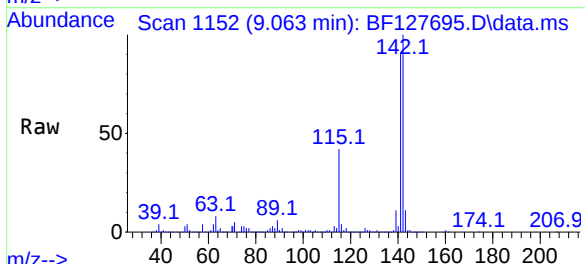
Instrument :
BNA_F
ClientSampleId :
MW-4-TR

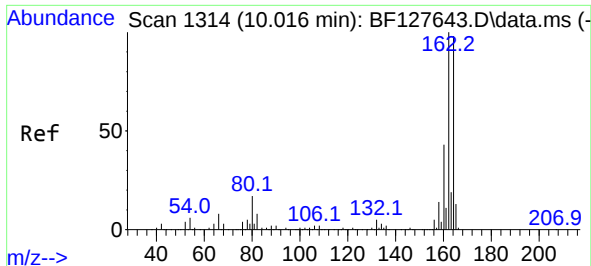
Tgt Ion:142 Resp: 364064
Ion Ratio Lower Upper
142 100
141 87.2 70.6 106.0



#38
1-Methylnaphthalene
Concen: 30.101 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

Tgt Ion:142 Resp: 425572
Ion Ratio Lower Upper
142 100
141 91.0 74.2 111.2

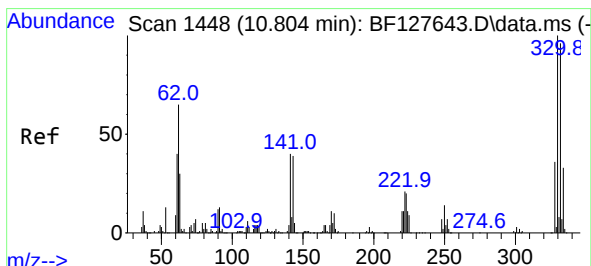
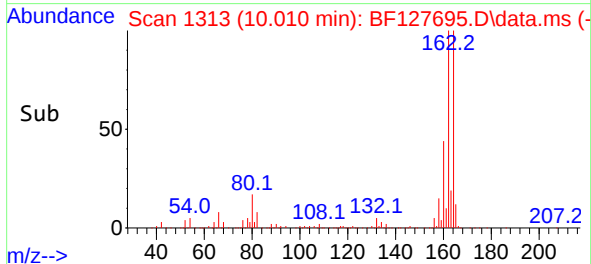
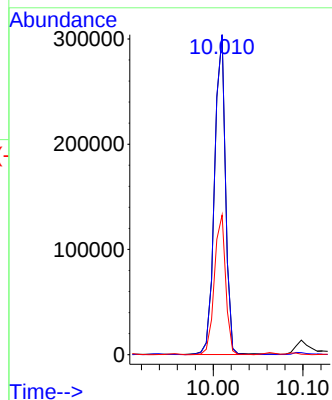
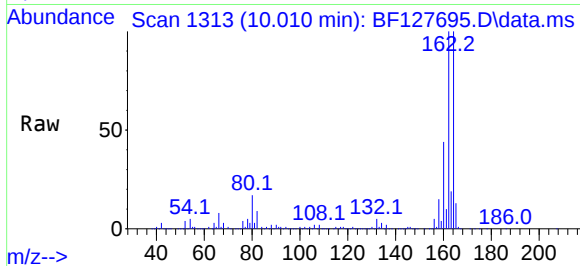




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

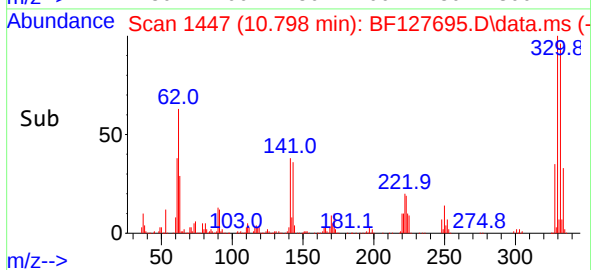
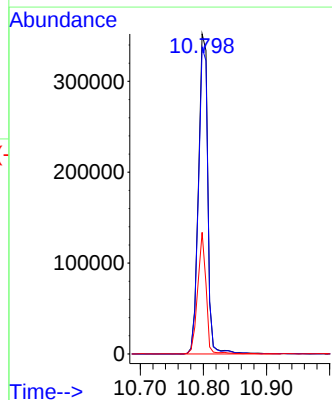
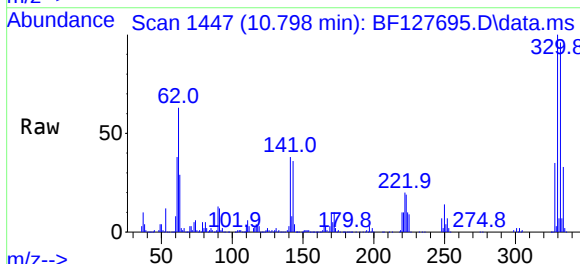
Instrument :
BNA_F
ClientSampleId :
MW-4-TR

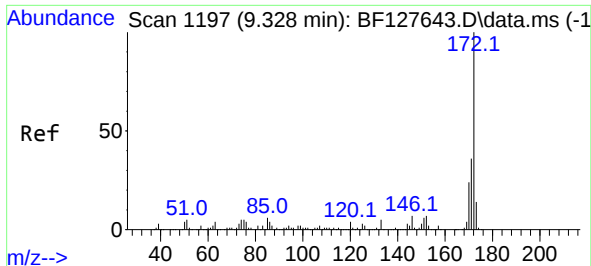
Tgt Ion:164 Resp: 257958
Ion Ratio Lower Upper
164 100
162 100.1 81.2 121.8
160 43.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 131.348 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

Tgt Ion:330 Resp: 360557
Ion Ratio Lower Upper
330 100
332 96.5 79.1 118.7
141 34.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.730 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127695.D

Acq: 07 Apr 2022 20:58

Instrument :

BNA_F

ClientSampleId :

MW-4-TR

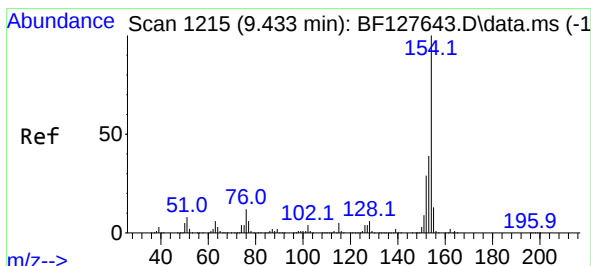
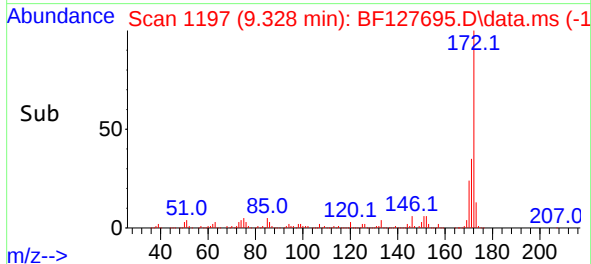
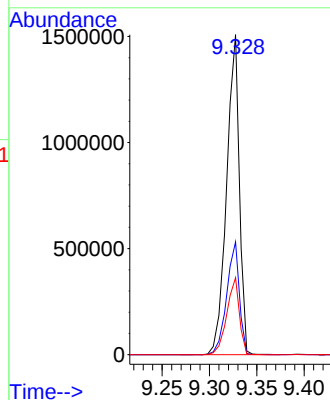
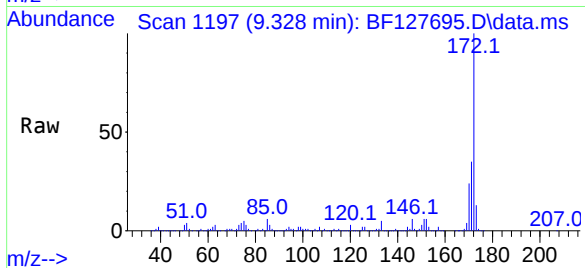
Tgt Ion:172 Resp: 1417380

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.0 18.6 27.8



#46

1,1'-Biphenyl

Concen: 3.411 ng

RT: 9.428 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF127695.D

Acq: 07 Apr 2022 20:58

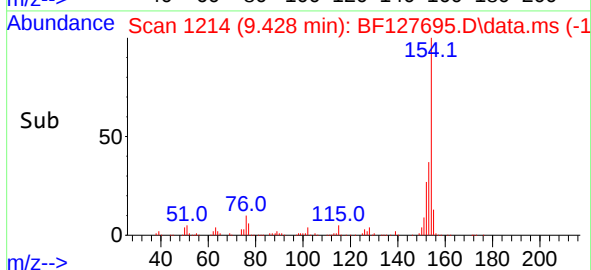
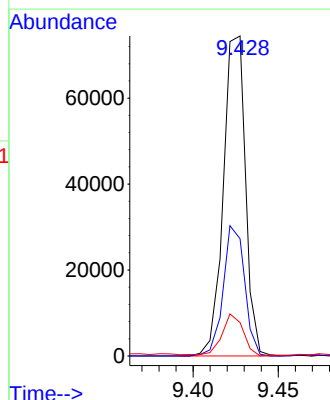
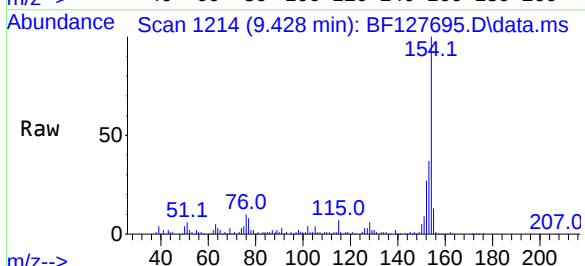
Tgt Ion:154 Resp: 67285

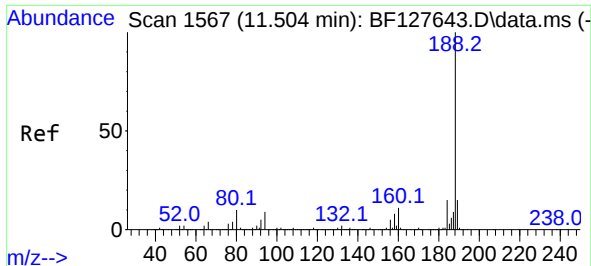
Ion Ratio Lower Upper

154 100

153 36.7 20.3 60.3

76 10.5 0.0 33.9

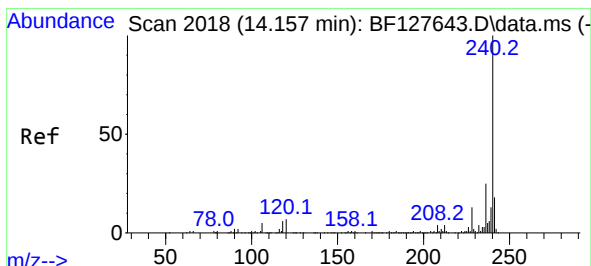
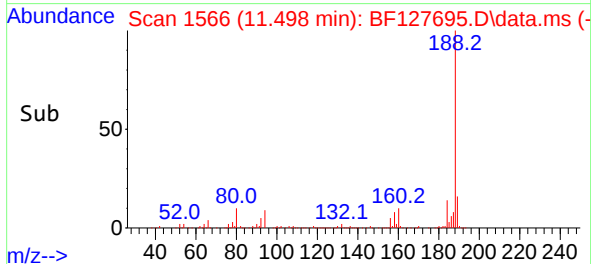
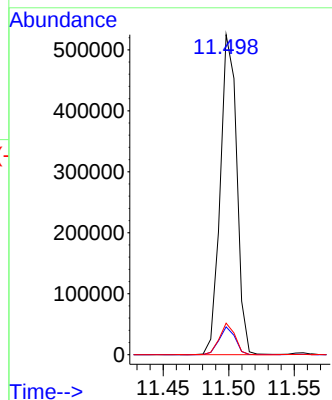
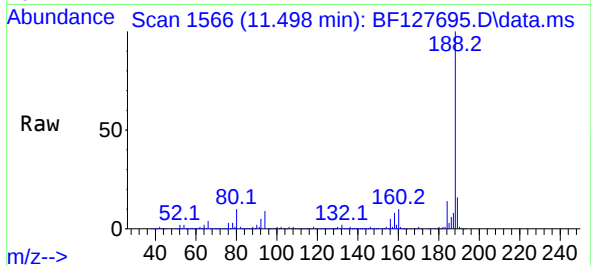




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

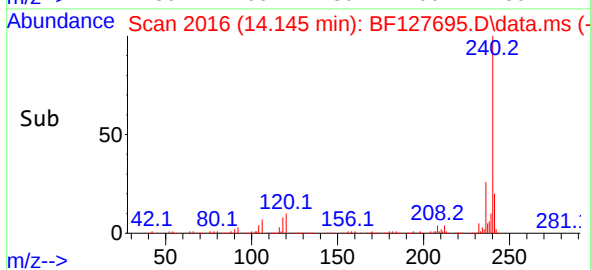
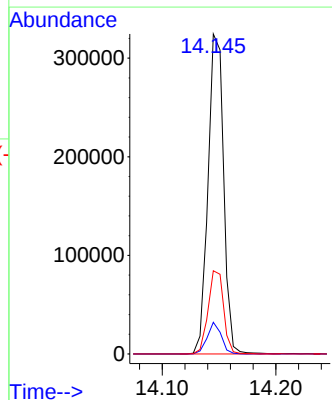
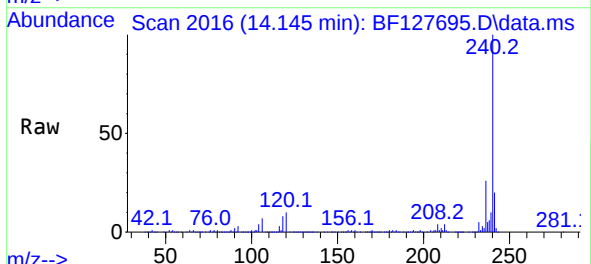
Instrument :
BNA_F
ClientSampleId :
MW-4-TR

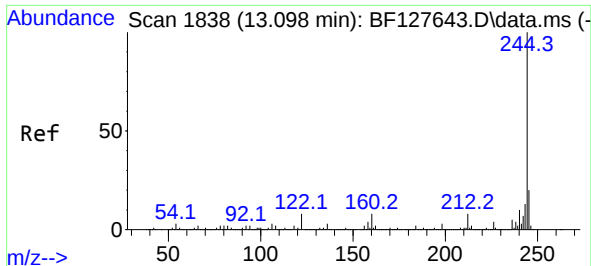
Tgt Ion:188 Resp: 459088
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127695.D
Acq: 07 Apr 2022 20:58

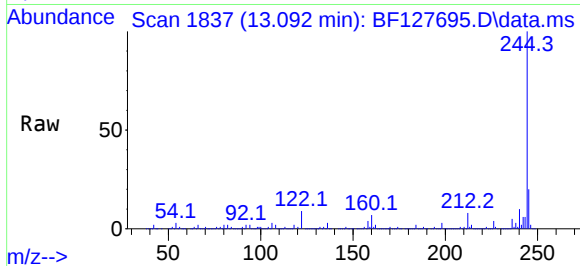
Tgt Ion:240 Resp: 309528
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.0 20.7 31.1



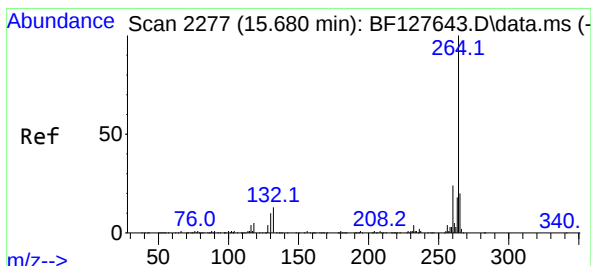
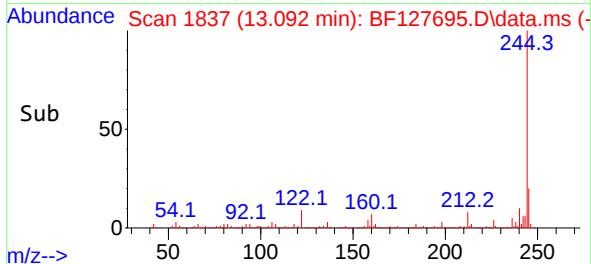
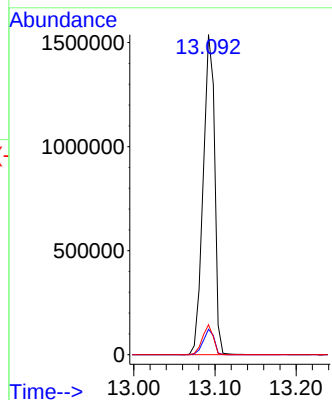


#79
 Terphenyl-d14
 Concen: 80.477 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127695.D
 Acq: 07 Apr 2022 20:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-4-TR



Tgt Ion:244 Resp: 1509143
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.4 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127695.D
 Acq: 07 Apr 2022 20:58

Tgt Ion:264 Resp: 301445
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.9 17.4 26.2

