

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129165.D
 Acq On : 07 Jul 2022 18:28
 Operator : CG\JU
 Sample : N3617-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Jul 08 01:56:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

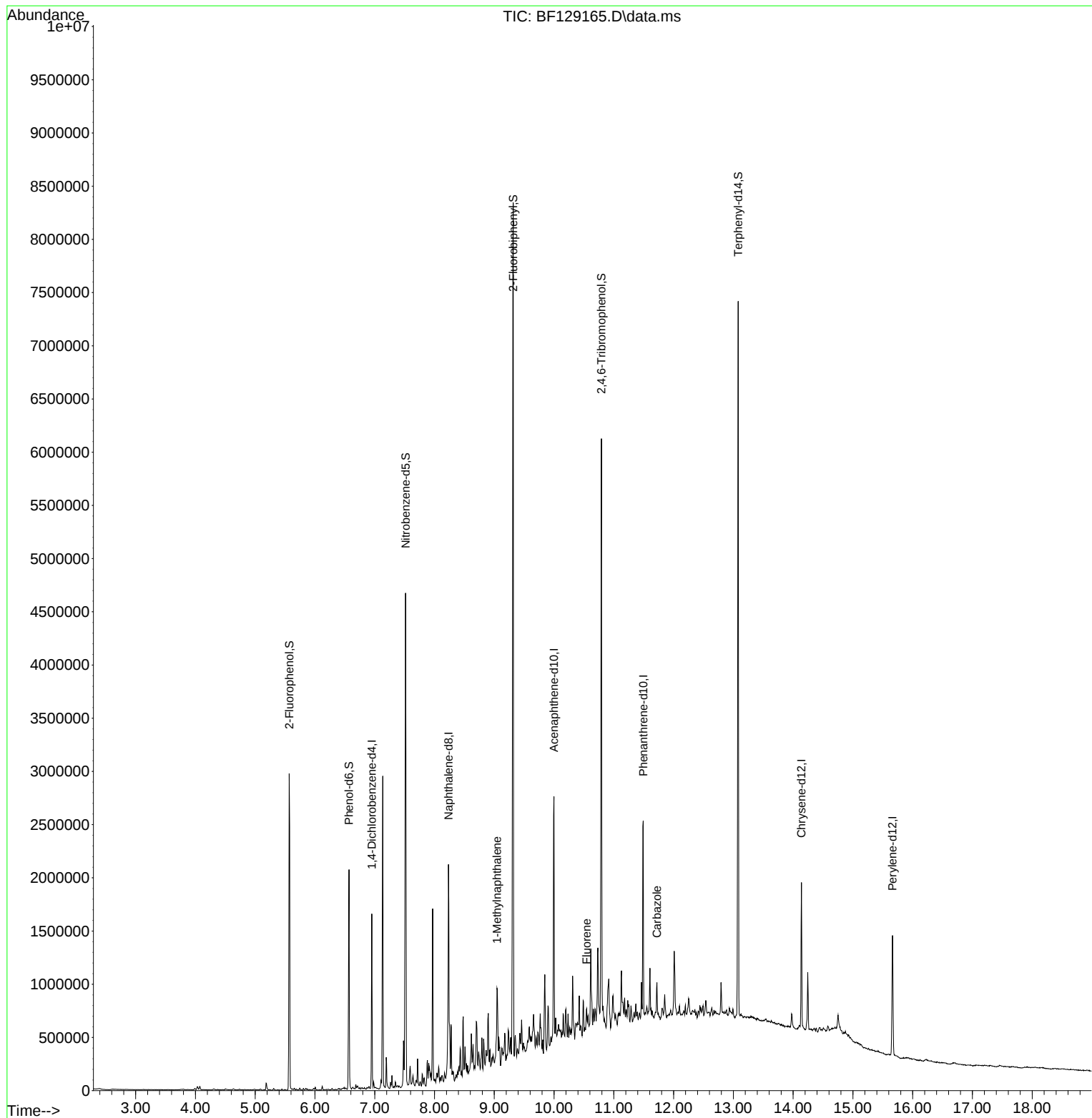
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	224482	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	842863	20.000	ng	-0.01
39) Acenaphthene-d10	9.998	164	429517	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	679580	20.000	ng	0.00
76) Chrysene-d12	14.139	240	453849	20.000	ng	-0.01
86) Perylene-d12	15.663	264	519936	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	827306	62.307	ng	-0.02
7) Phenol-d6	6.569	99	659057	39.965	ng	-0.02
23) Nitrobenzene-d5	7.516	82	1406382	99.525	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	748593	160.286	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2691408	100.245	ng	0.00
79) Terphenyl-d14	13.080	244	2342749	107.195	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	9.045	142	137023	5.480	ng	Qvalue 100
58) Fluorene	10.545	166	56640	2.131	ng	# 97
73) Carbazole	11.722	167	96827	3.018	ng	98

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

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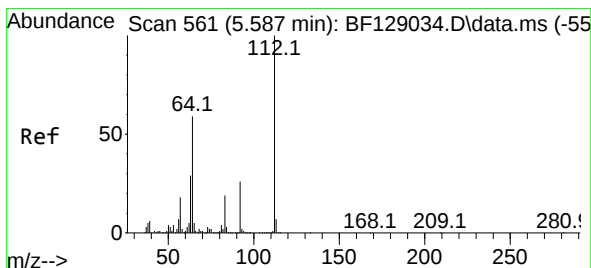
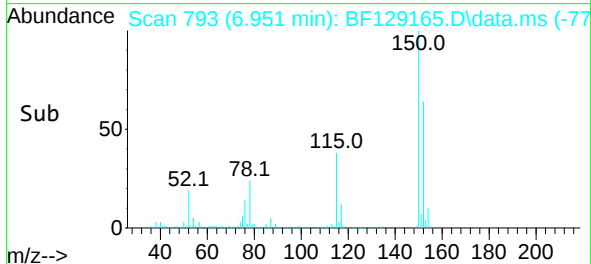
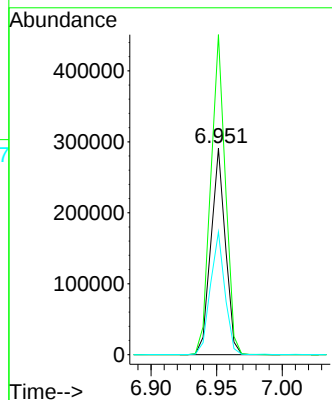
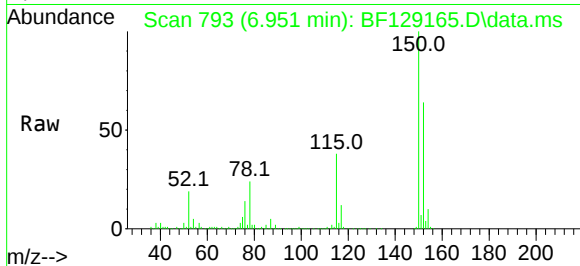




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 795
 Delta R.T. -0.012 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

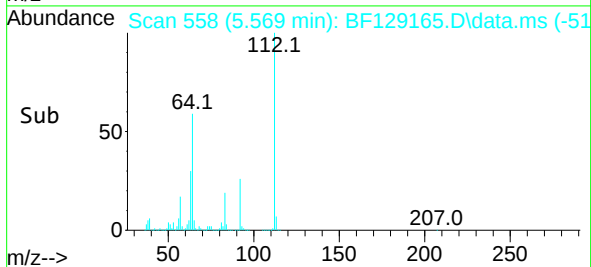
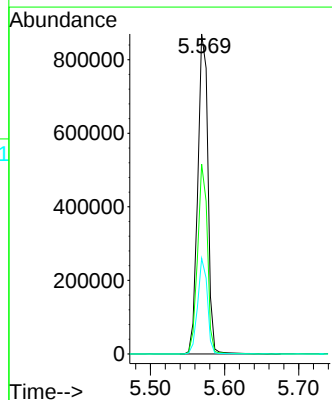
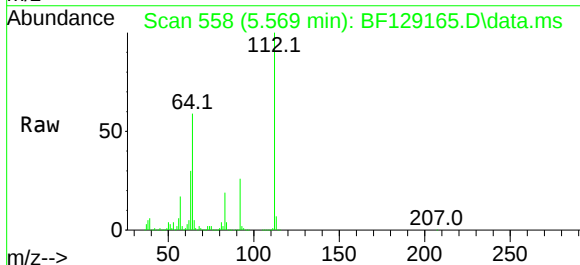
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:152 Resp: 224482
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.7 185.5
 115 59.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 62.307 ng
 RT: 5.569 min Scan# 558
 Delta R.T. -0.018 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

Tgt Ion:112 Resp: 827306
 Ion Ratio Lower Upper
 112 100
 64 59.4 53.3 79.9
 63 29.9 28.0 42.0

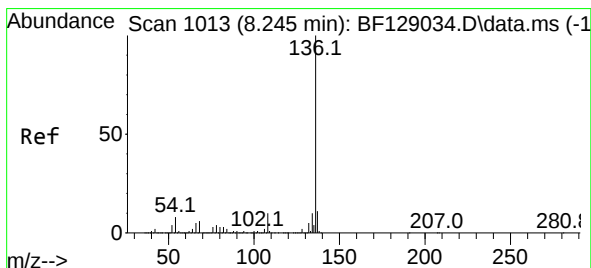
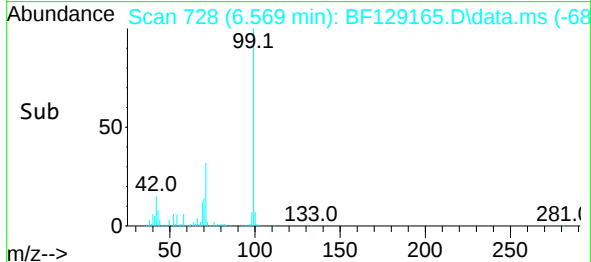
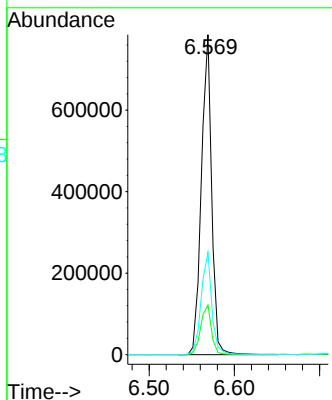
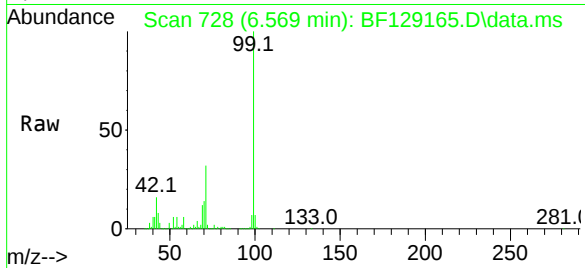




#7
Phenol-d6
Concen: 39.965 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

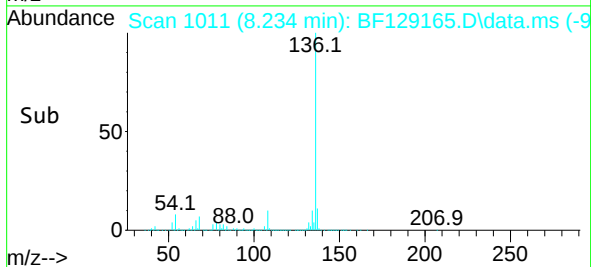
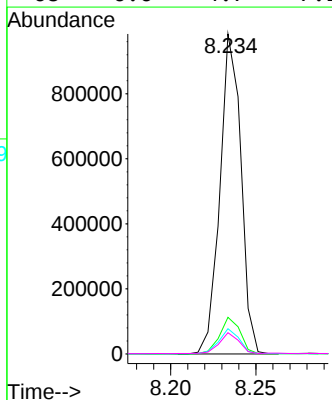
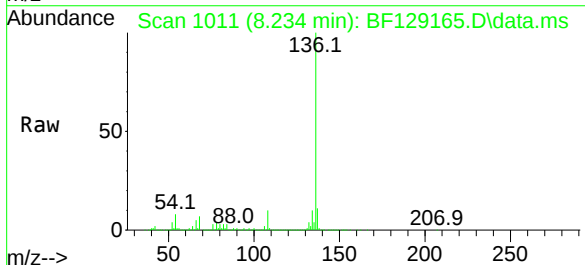
Instrument :
BNA_F
ClientSampleId :
MW-07

Tgt Ion: 99 Resp: 659057
Ion Ratio Lower Upper
99 100
42 15.5 17.3 25.9#
71 32.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.011 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion: 136 Resp: 842863
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 99.525 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Instrument :

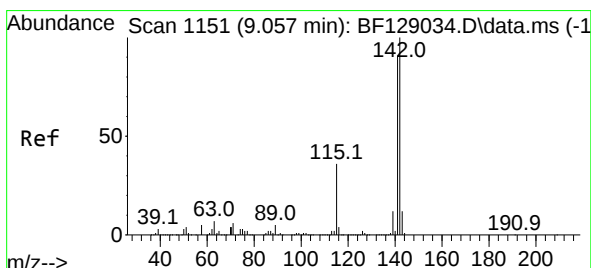
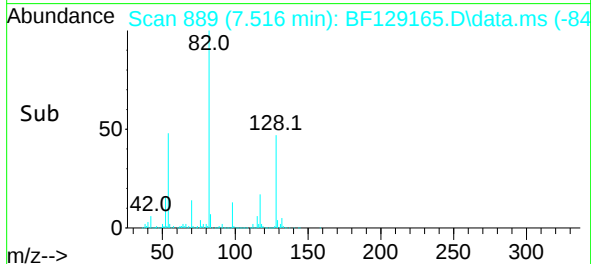
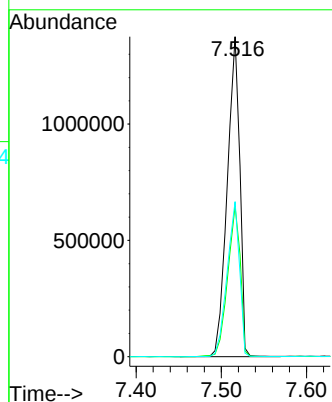
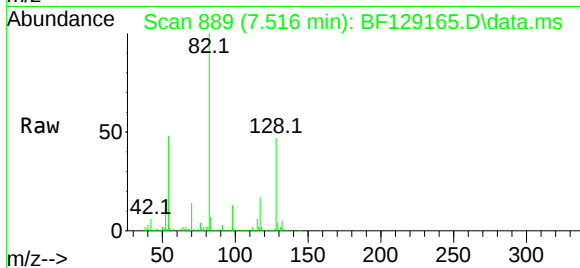
BNA_F

ClientSampleId :

MW-07

Tgt Ion: 82 Resp: 1406382

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	48.5	46.9	70.3



#38

1-Methylnaphthalene

Concen: 5.480 ng

RT: 9.045 min Scan# 1149

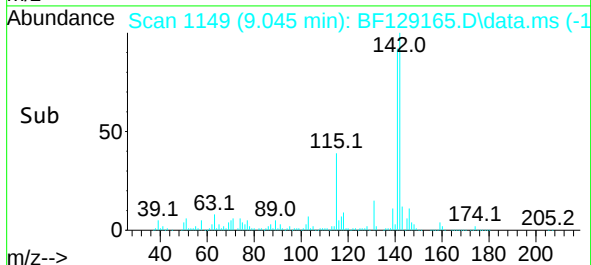
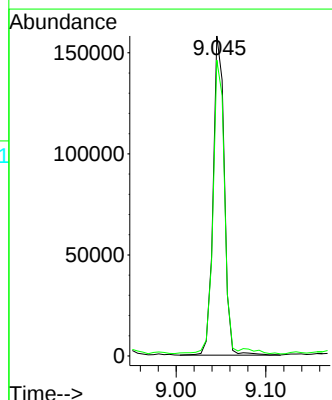
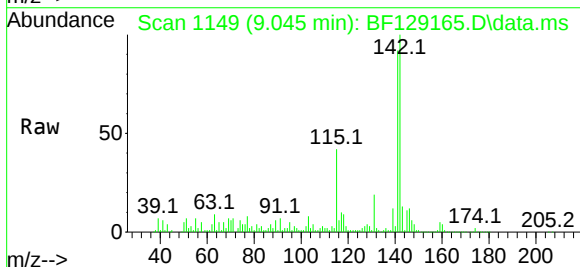
Delta R.T. -0.012 min

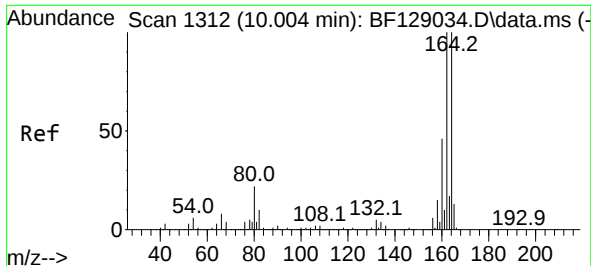
Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Tgt Ion: 142 Resp: 137023

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4

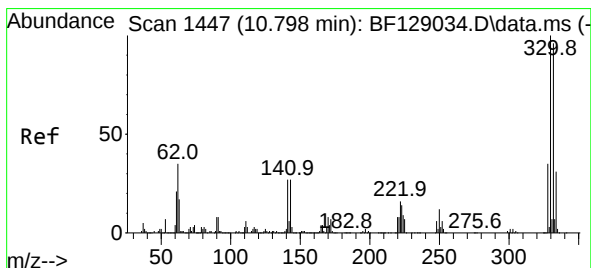
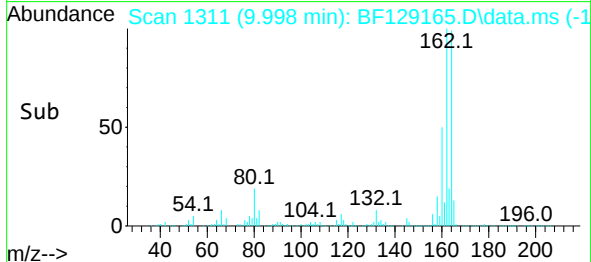
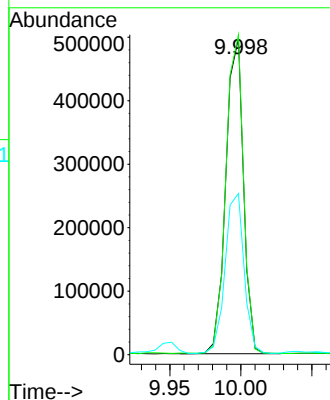
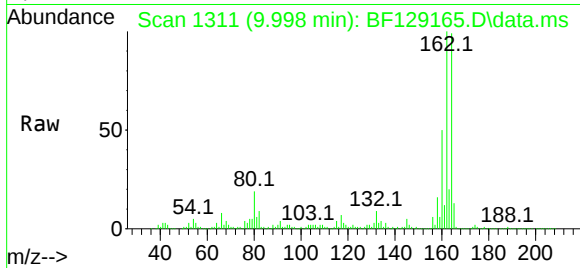




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

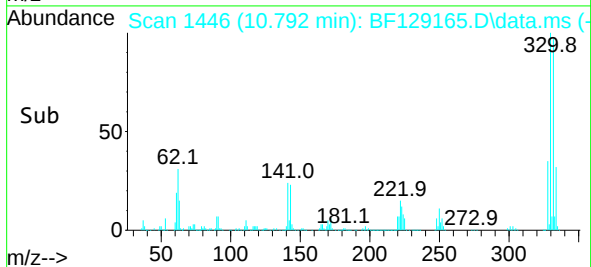
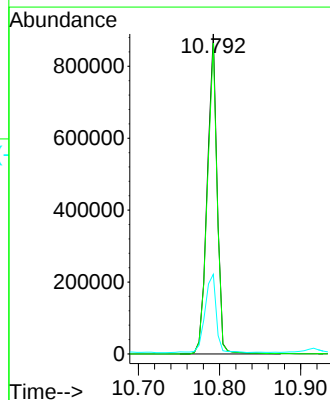
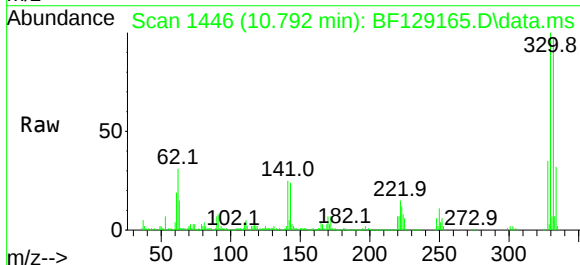
Instrument :
BNA_F
ClientSampleId :
MW-07

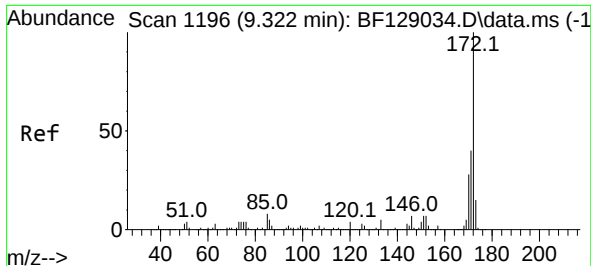
Tgt Ion:164 Resp: 429517
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 51.0 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 160.286 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:330 Resp: 748593
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 27.9 28.0 42.0#

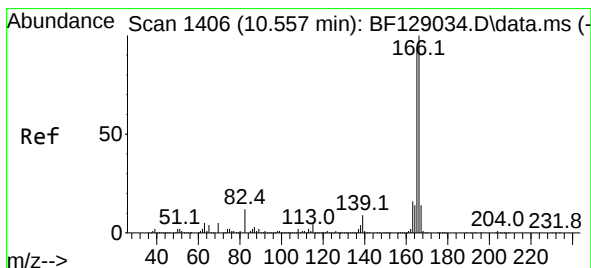
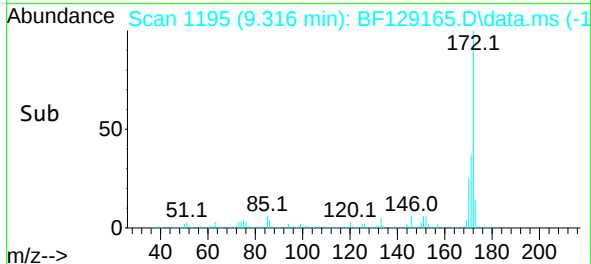
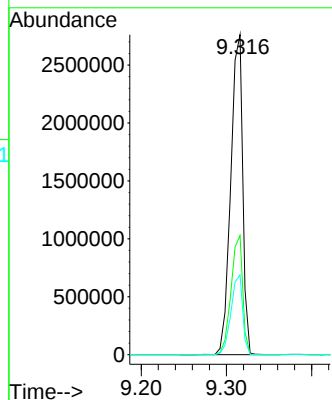
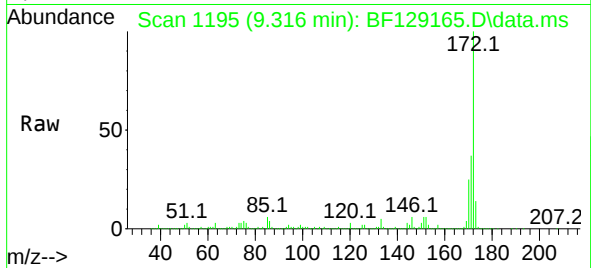




#45
2-Fluorobiphenyl
Concen: 100.245 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

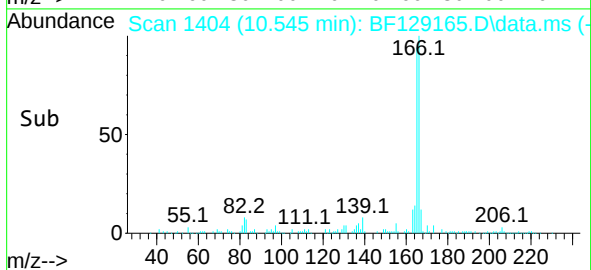
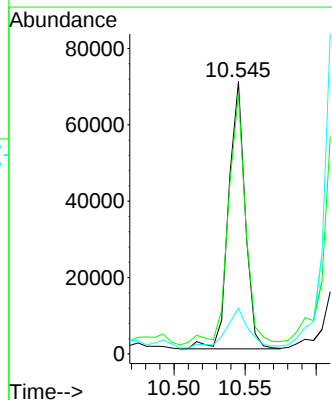
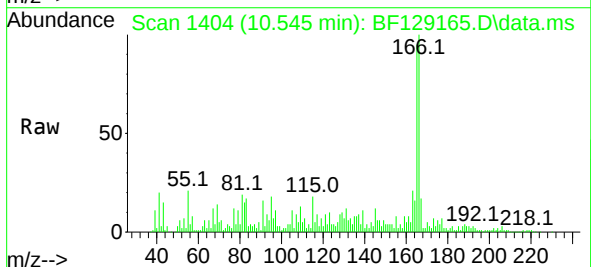
Instrument :
BNA_F
ClientSampleId :
MW-07

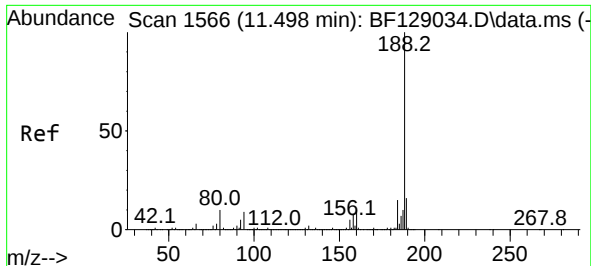
Tgt Ion:172 Resp: 2691408
Ion Ratio Lower Upper
172 100
171 37.3 28.8 43.2
170 25.0 19.8 29.8



#58
Fluorene
Concen: 2.131 ng
RT: 10.545 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:166 Resp: 56640
Ion Ratio Lower Upper
166 100
165 95.5 78.1 117.1
167 16.8 10.5 15.7#

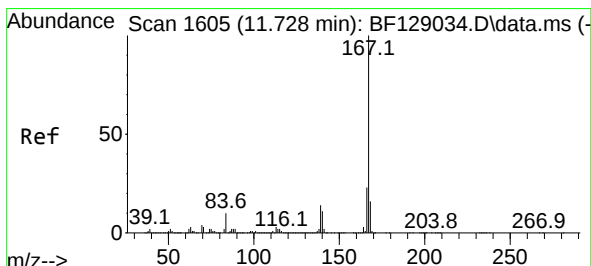
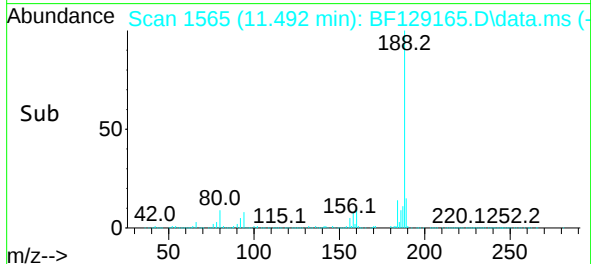
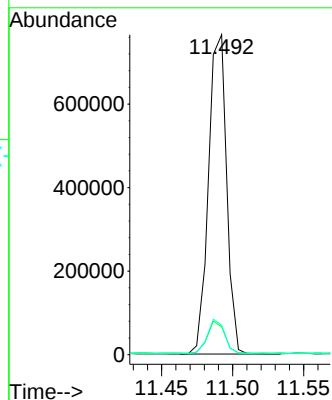
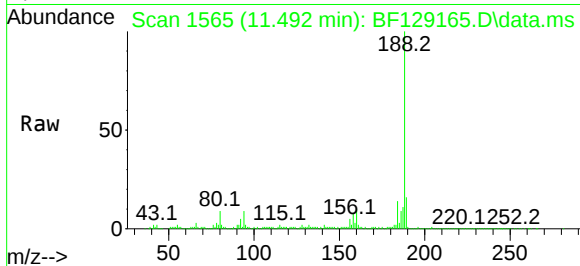




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

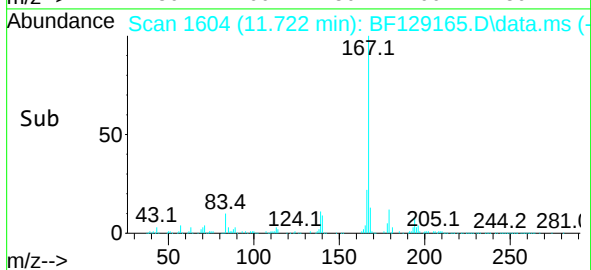
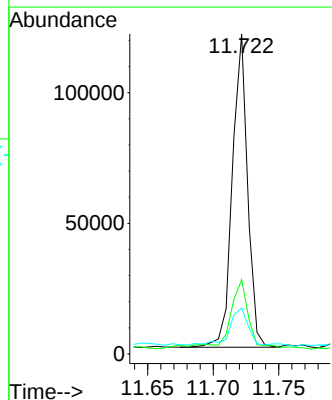
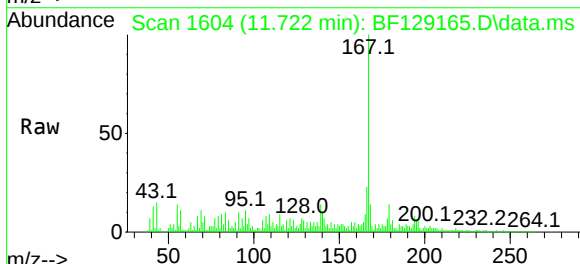
Instrument :
BNA_F
ClientSampleId :
MW-07

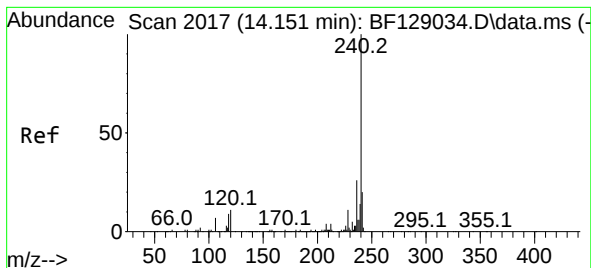
Tgt Ion:188 Resp: 679580
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.2 7.6 11.4



#73
Carbazole
Concen: 3.018 ng
RT: 11.722 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BF129165.D
Acq: 07 Jul 2022 18:28

Tgt Ion:167 Resp: 96827
Ion Ratio Lower Upper
167 100
166 23.2 17.7 26.5
139 14.3 11.2 16.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

Instrument :

BNA_F

ClientSampleId :

MW-07

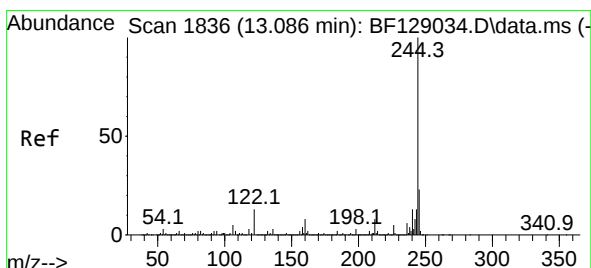
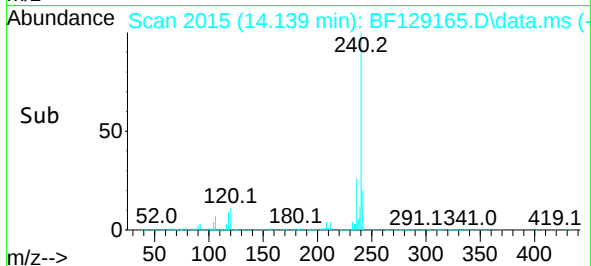
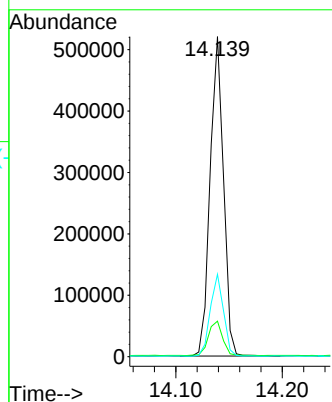
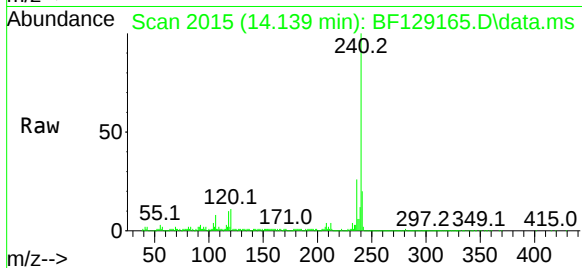
Tgt Ion:240 Resp: 453849

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 25.8 20.8 31.2



#79

Terphenyl-d14

Concen: 107.195 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129165.D

Acq: 07 Jul 2022 18:28

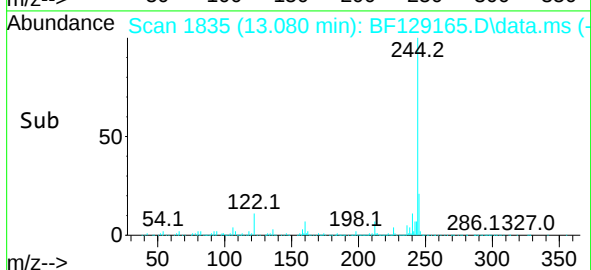
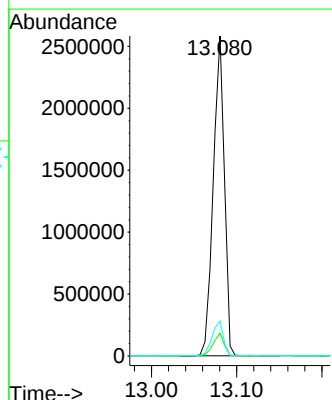
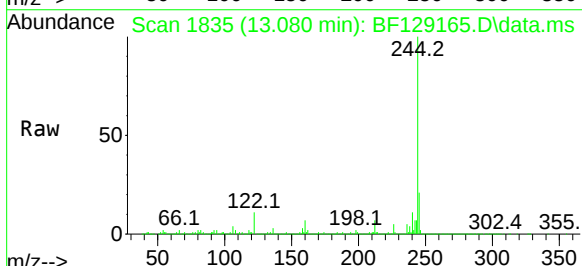
Tgt Ion:244 Resp: 2342749

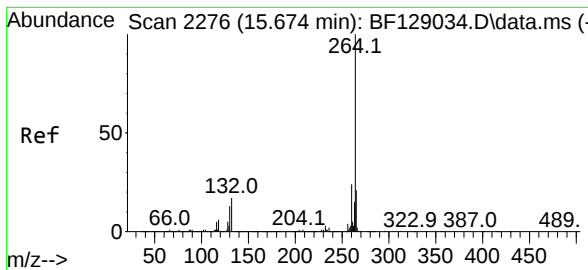
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 10.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129165.D
 Acq: 07 Jul 2022 18:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tgt Ion:264 Resp: 519936
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.0 17.2 25.8

