

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129578.D
 Acq On : 04 Aug 2022 19:49
 Operator : CG\JU
 Sample : N3998-11RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Quant Time: Aug 05 02:09:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

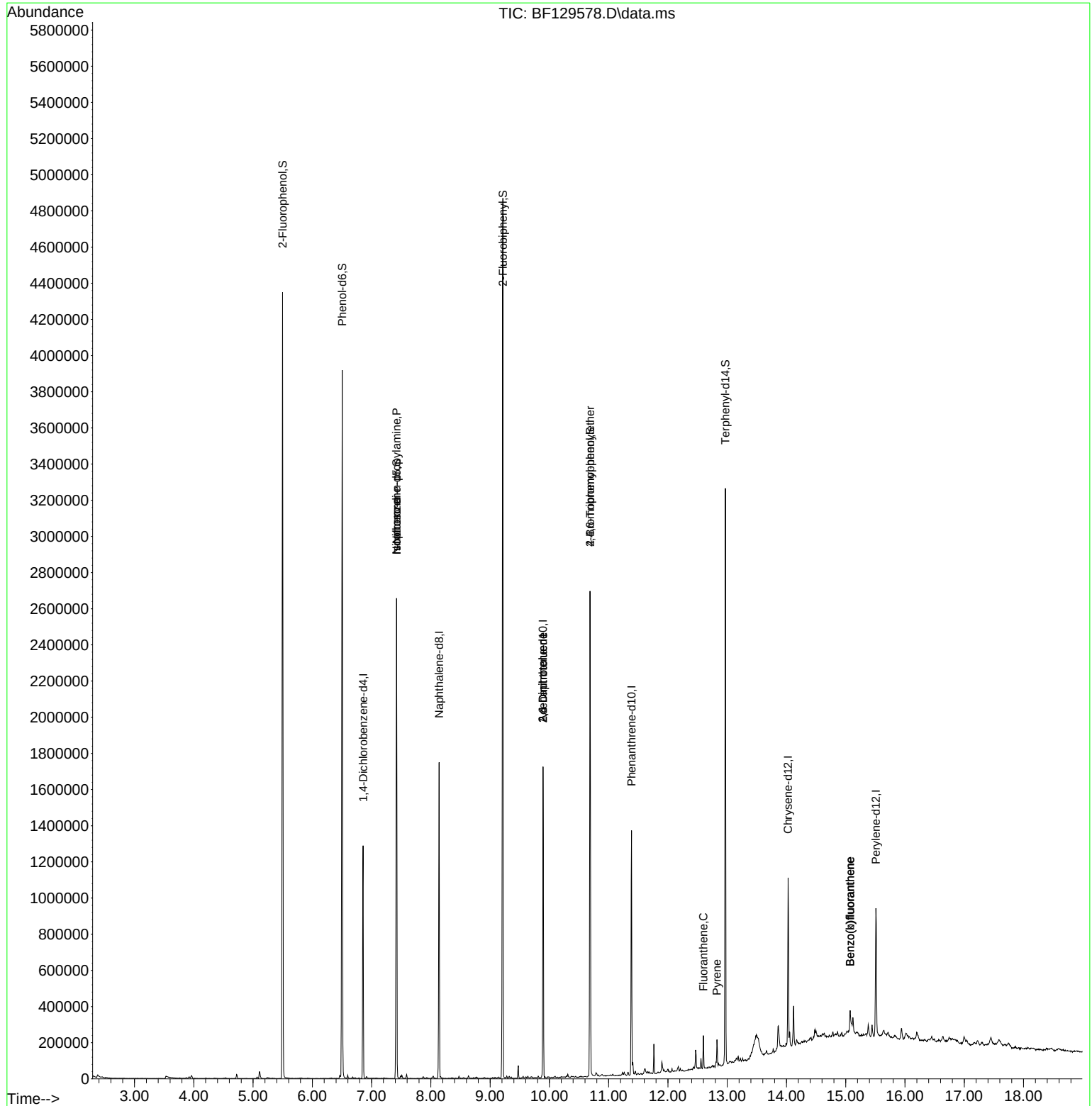
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	183104	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	698908	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	331790	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	460716	20.000	ng	0.00
76) Chrysene-d12	14.027	240	295913	20.000	ng	-0.01
86) Perylene-d12	15.509	264	306556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1146088	101.963	ng	0.00
7) Phenol-d6	6.504	99	1397634	98.924	ng	-0.01
23) Nitrobenzene-d5	7.422	82	880823	68.797	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	292389	91.661	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1464420	68.278	ng	0.00
79) Terphenyl-d14	12.968	244	975616	62.200	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	117076	13.688	ng	# 74
25) Isophorone	7.422	82	874101	38.088	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	43160	8.419	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	43160	6.445	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	18400	3.647	ng	# 1
75) Fluoranthene	12.598	202	59686	2.342	ng	99
78) Pyrene	12.827	202	50479	2.040	ng	99
88) Benzo(b)fluoranthene	15.074	252	68347	3.361	ng	# 91
89) Benzo(k)fluoranthene	15.074	252	68347	3.430	ng	# 92

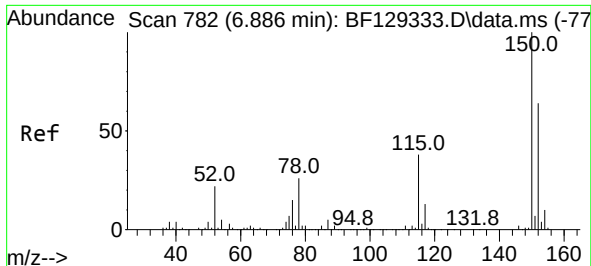
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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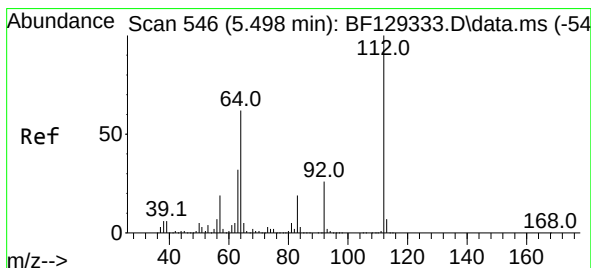
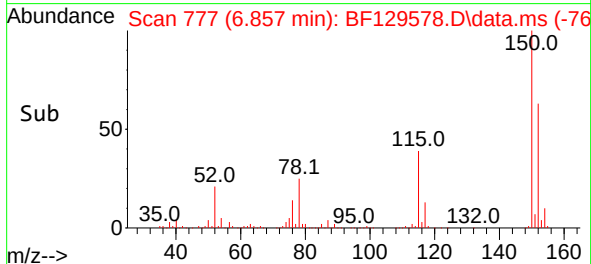
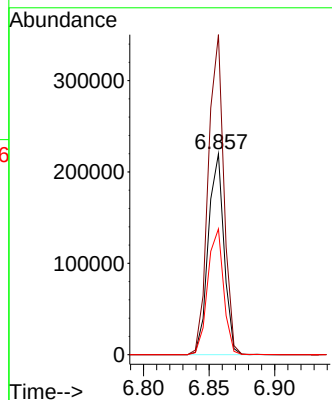
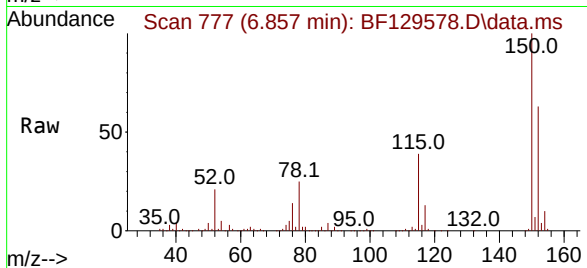




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129578.D
 Acq: 04 Aug 2022 19:49

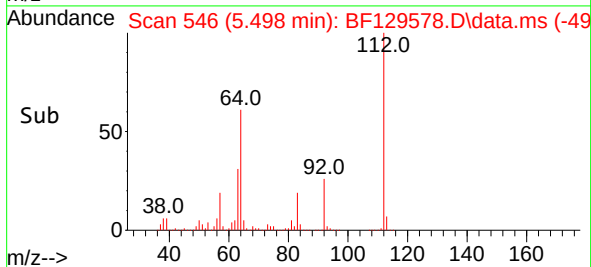
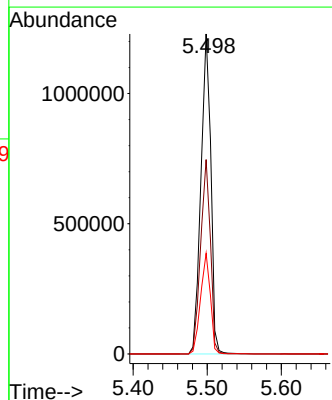
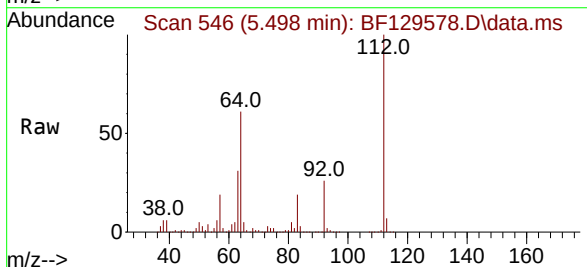
Instrument :
 BNA_F
 ClientSampleId :
 DW-1

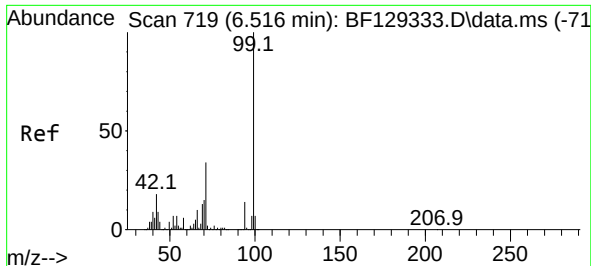
Tgt Ion:152 Resp: 183104
 Ion Ratio Lower Upper
 152 100
 150 159.4 123.7 185.5
 115 62.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 101.963 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129578.D
 Acq: 04 Aug 2022 19:49

Tgt Ion:112 Resp: 1146088
 Ion Ratio Lower Upper
 112 100
 64 60.8 53.3 79.9
 63 31.5 28.0 42.0

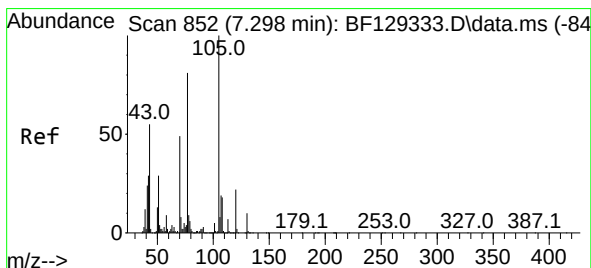
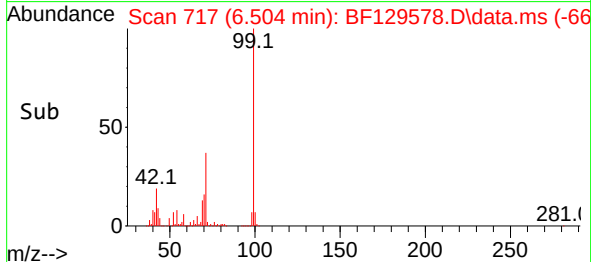
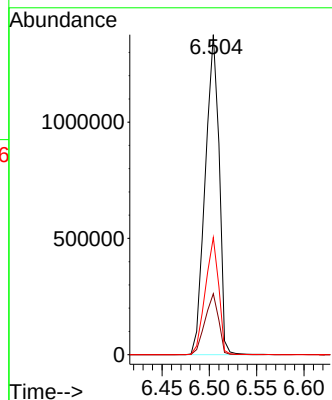
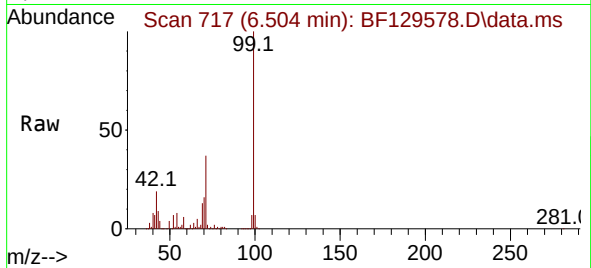




#7
Phenol-d6
Concen: 98.924 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

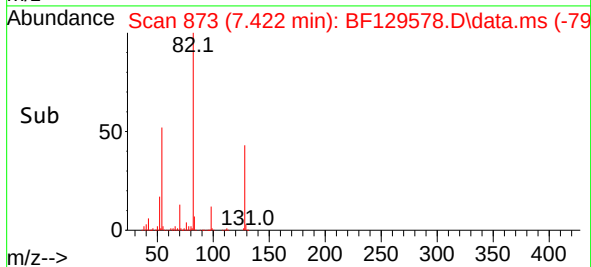
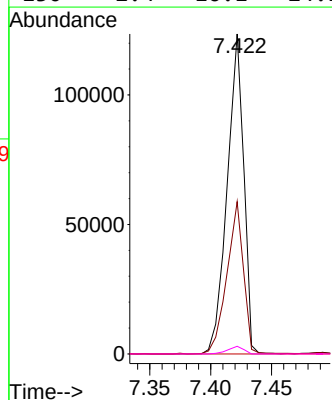
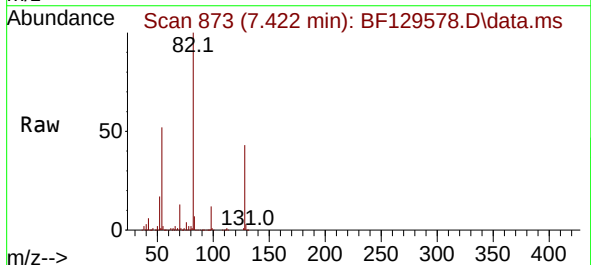
Instrument :
BNA_F
ClientSampleId :
DW-1

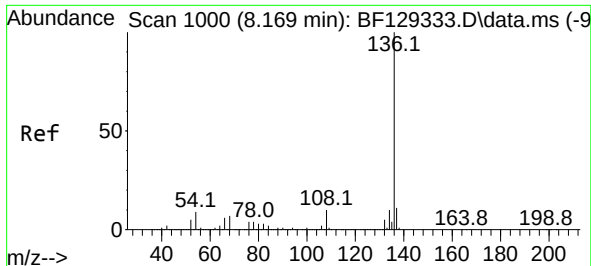
Tgt Ion: 99 Resp: 1397634
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 36.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.688 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion: 70 Resp: 117076
Ion Ratio Lower Upper
70 100
42 47.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.4 16.1 24.1#



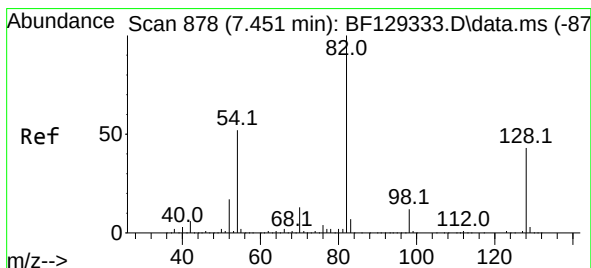
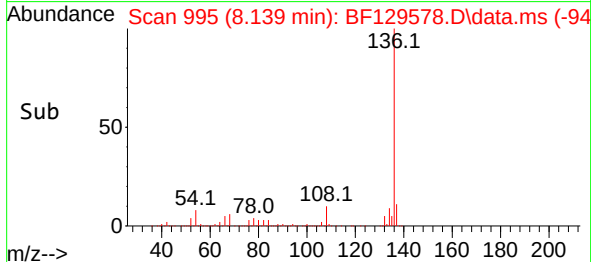
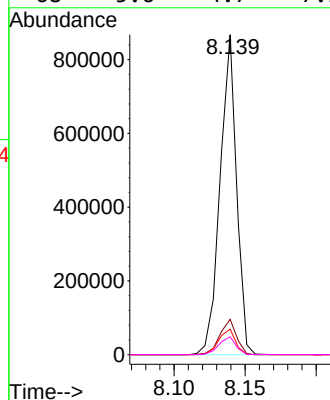
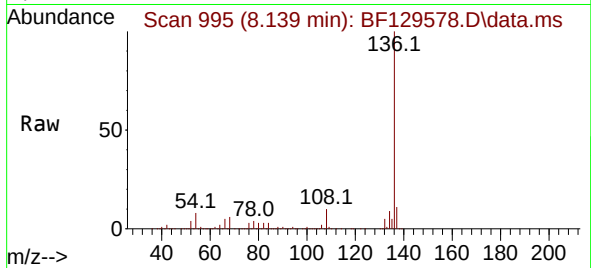


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion:136 Resp: 698908

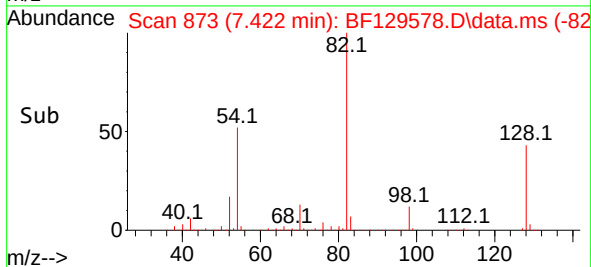
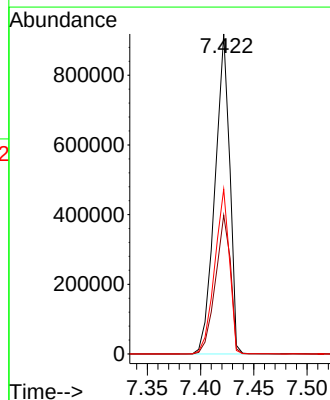
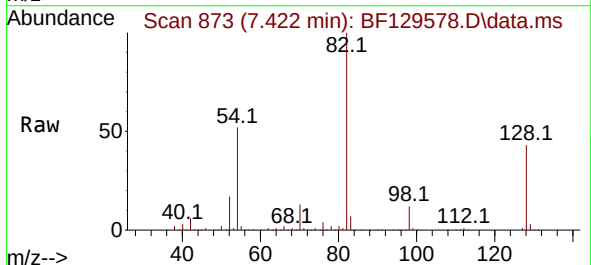
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.0	7.5	11.3
68	5.6	4.7	7.1

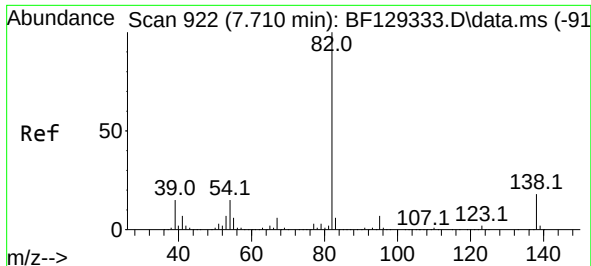


#23
Nitrobenzene-d5
Concen: 68.797 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion: 82 Resp: 880823

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	51.5	46.9	70.3

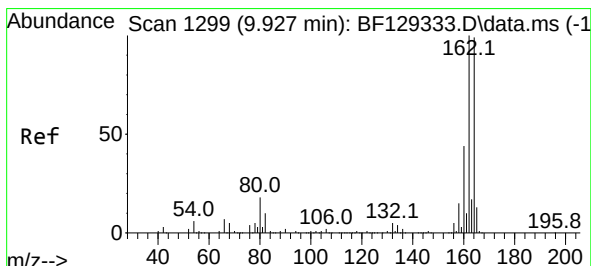
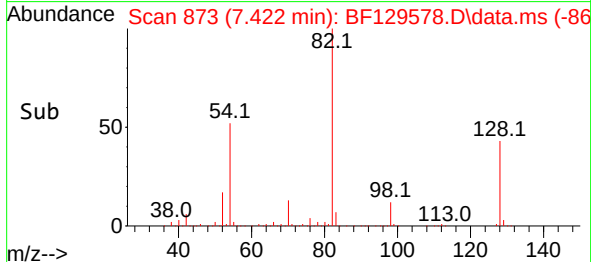
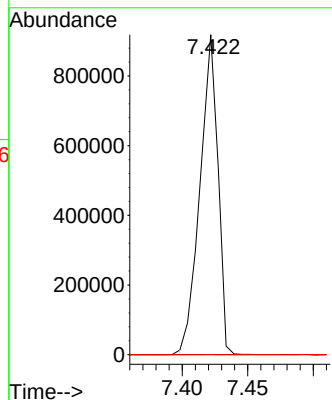
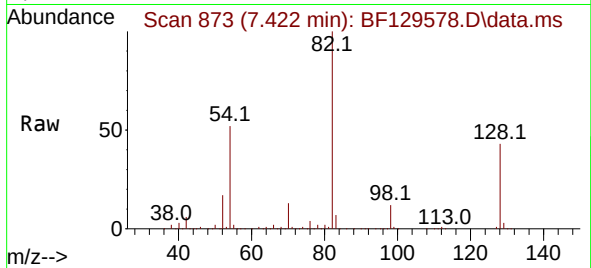




#25
Isophorone
Concen: 38.088 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

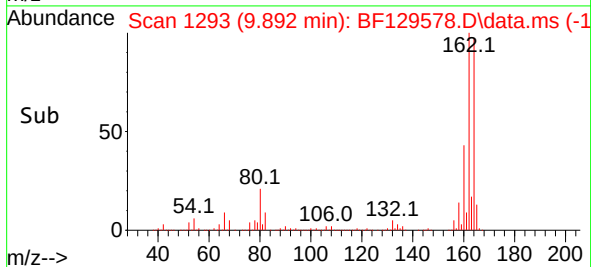
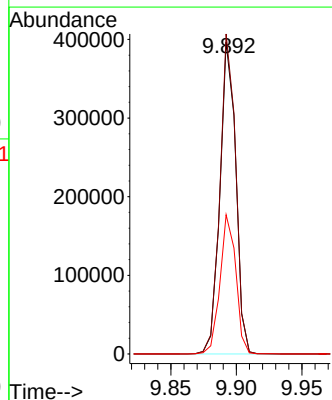
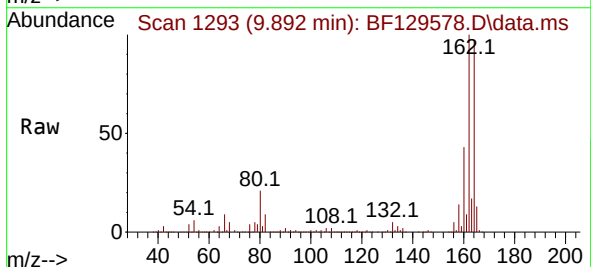
Instrument :
BNA_F
ClientSampleId :
DW-1

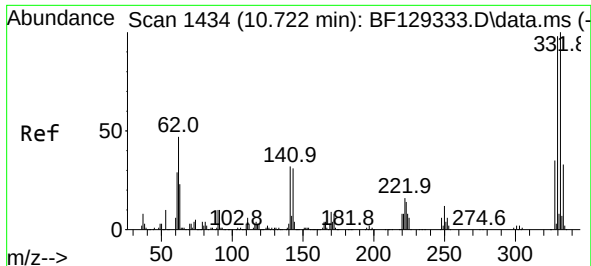
Tgt Ion: 82 Resp: 874101
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion:164 Resp: 331790
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 91.661 ng

RT: 10.686 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129578.D

Acq: 04 Aug 2022 19:49

Instrument :

BNA_F

ClientSampleId :

DW-1

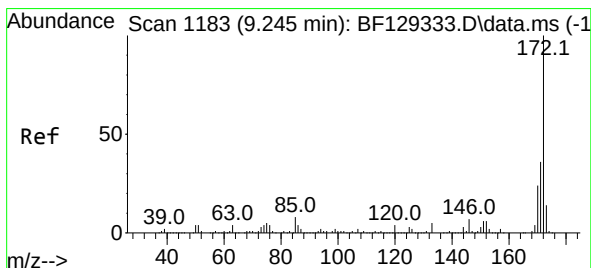
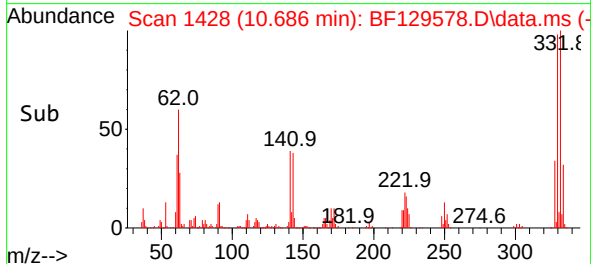
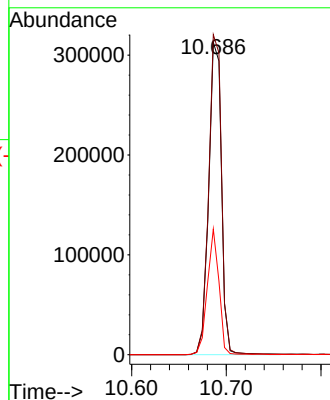
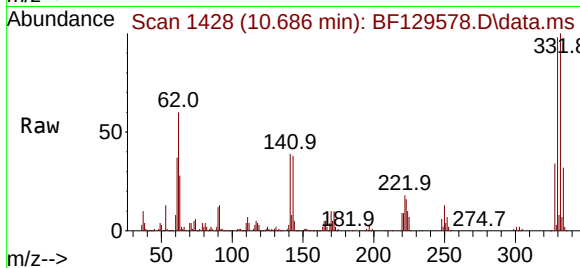
Tgt Ion:330 Resp: 292389

Ion Ratio Lower Upper

330 100

332 103.0 76.8 115.2

141 36.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 68.278 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF129578.D

Acq: 04 Aug 2022 19:49

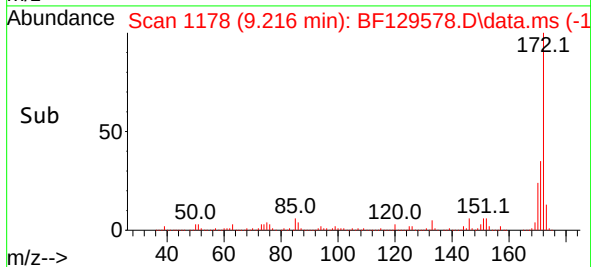
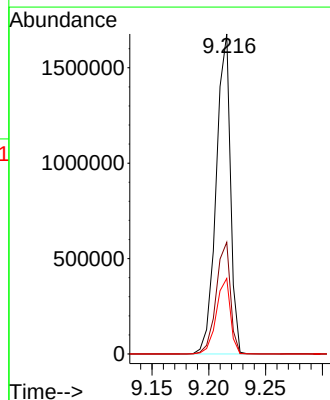
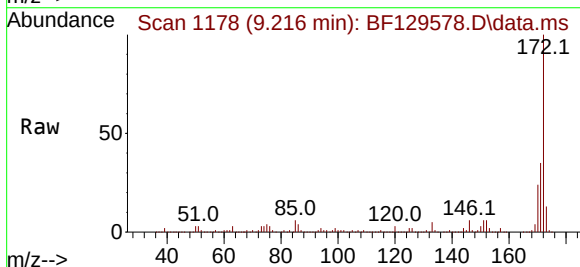
Tgt Ion:172 Resp: 1464420

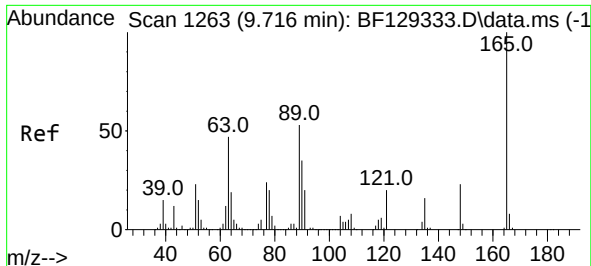
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.419 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF129578.D

Acq: 04 Aug 2022 19:49

Instrument :

BNA_F

ClientSampleId :

DW-1

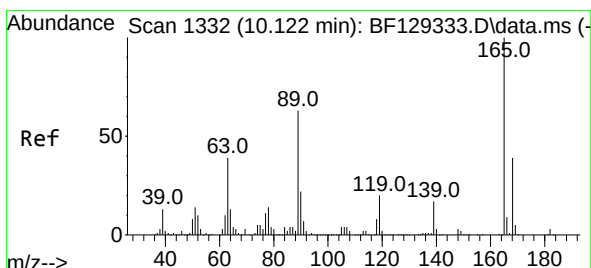
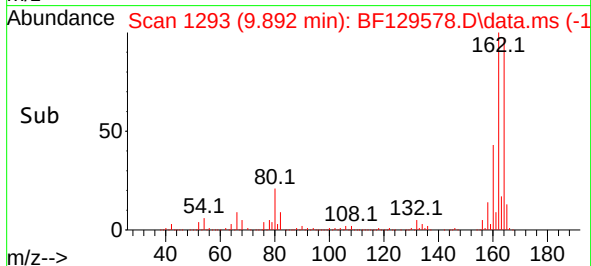
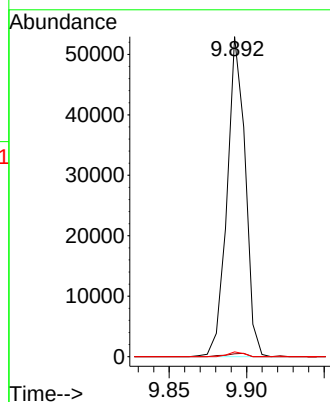
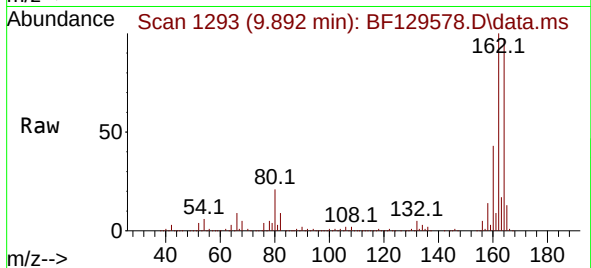
Tgt Ion:165 Resp: 43160

Ion Ratio Lower Upper

165 100

63 0.9 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.445 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.206 min

Lab File: BF129578.D

Acq: 04 Aug 2022 19:49

Tgt Ion:165 Resp: 43160

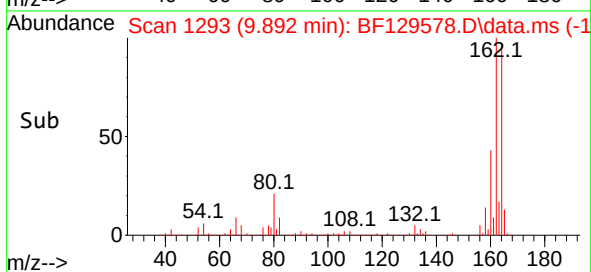
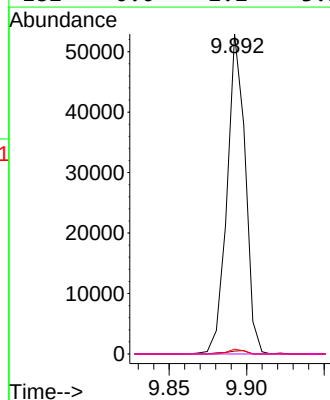
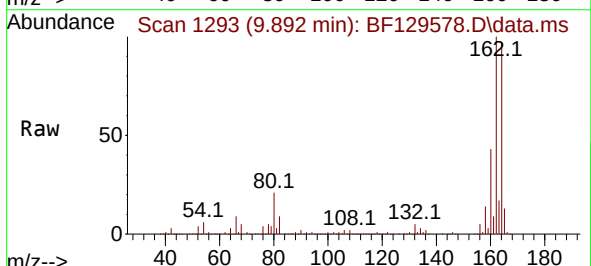
Ion Ratio Lower Upper

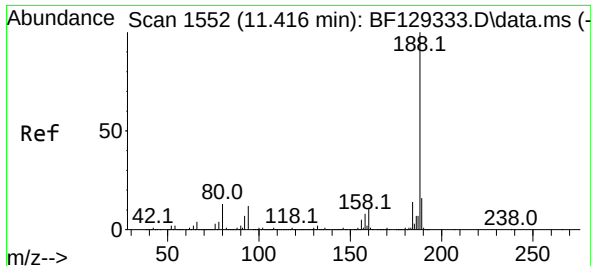
165 100

63 0.9 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

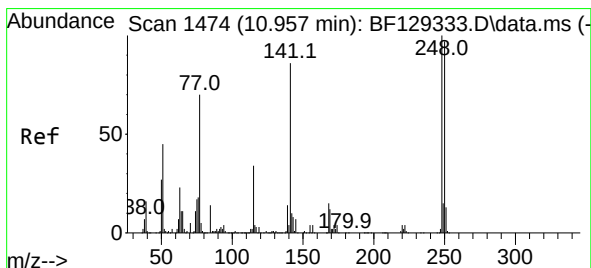
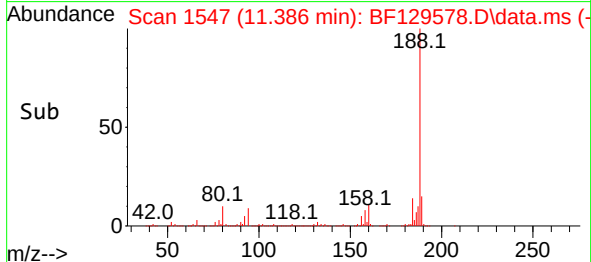
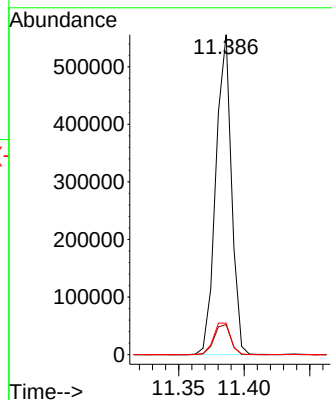
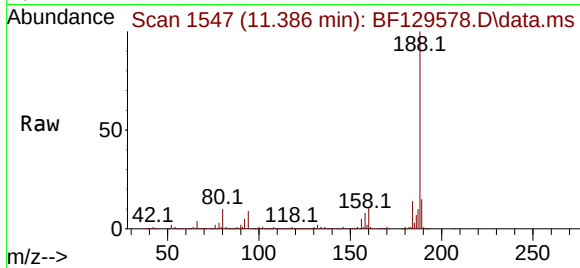




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

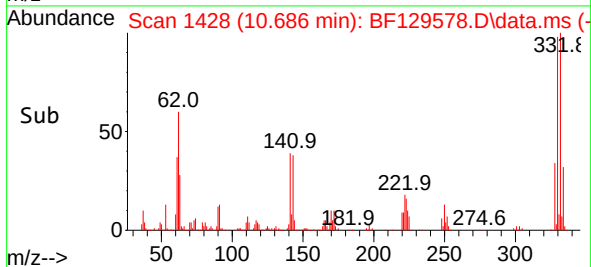
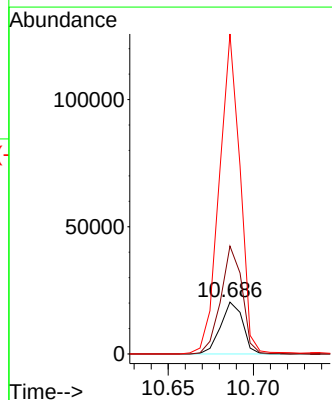
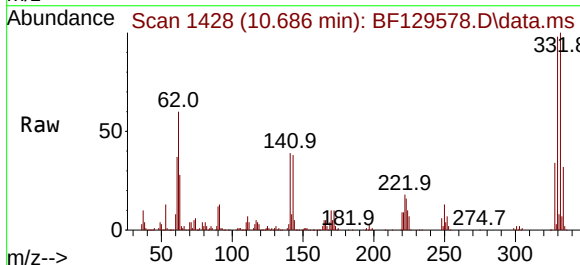
Instrument :
BNA_F
ClientSampleId :
DW-1

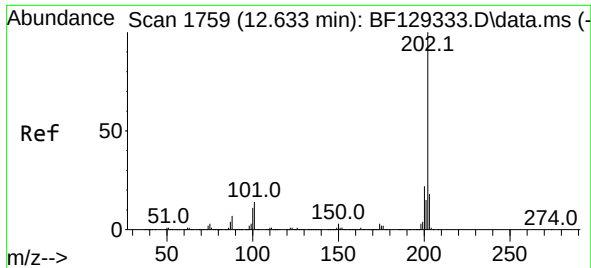
Tgt Ion:188 Resp: 460716
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.647 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion:248 Resp: 18400
Ion Ratio Lower Upper
248 100
250 207.8 80.6 120.8#
141 617.0 58.9 88.3#

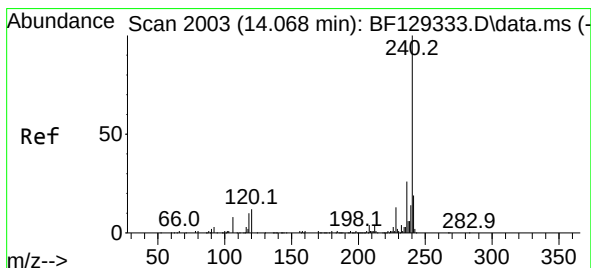
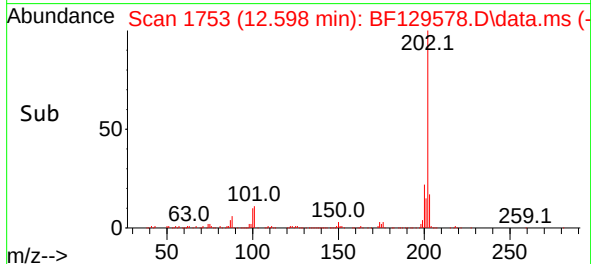
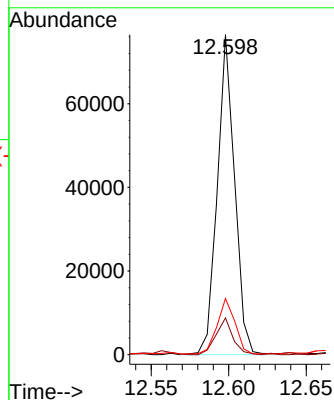
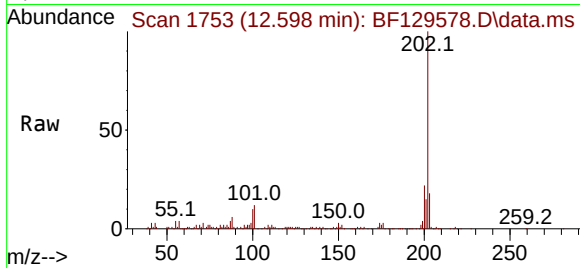




#75
Fluoranthene
Concen: 2.342 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

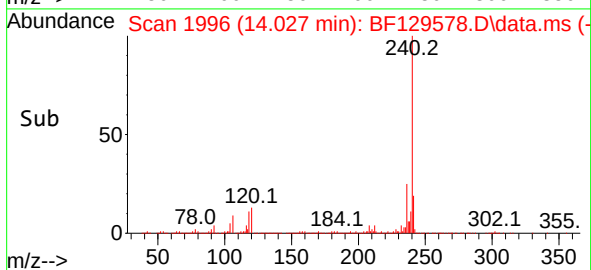
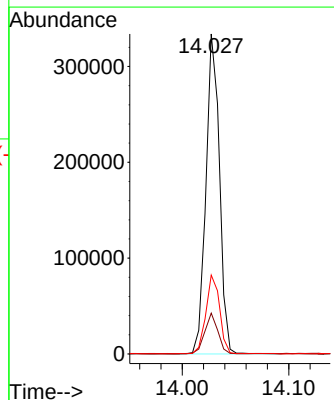
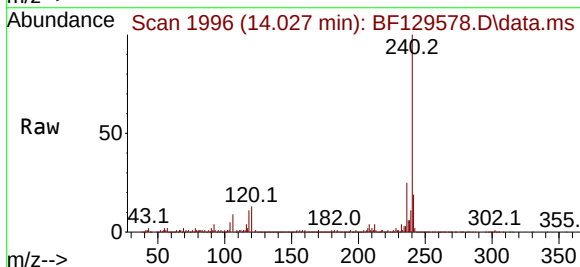
Instrument :
BNA_F
ClientSampleId :
DW-1

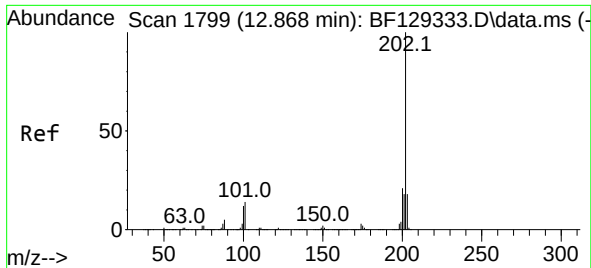
Tgt Ion:202 Resp: 59686
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion:240 Resp: 295913
Ion Ratio Lower Upper
240 100
120 12.7 8.9 13.3
236 24.7 20.8 31.2

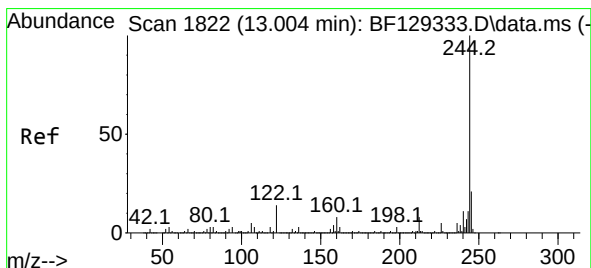
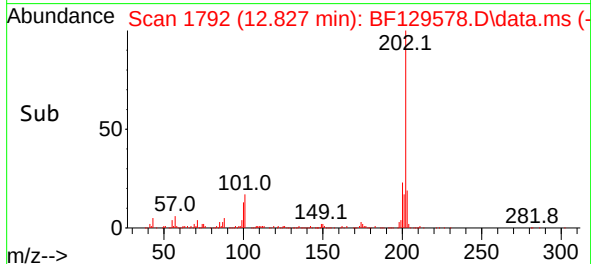
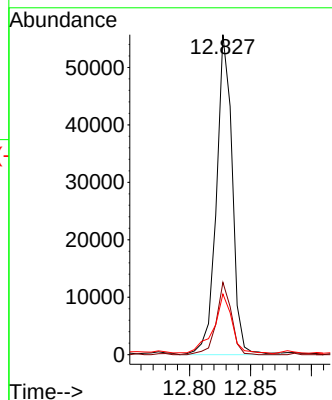
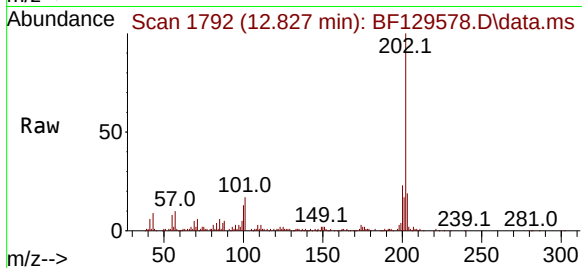




#78
Pyrene
Concen: 2.040 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

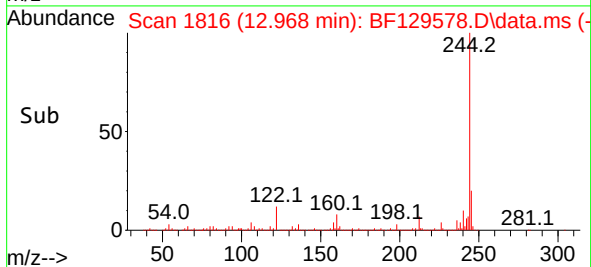
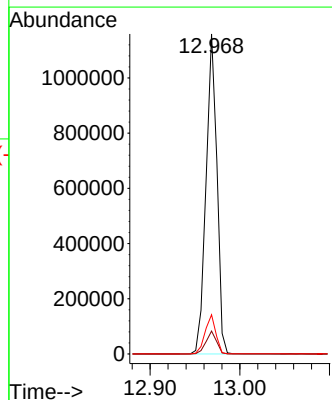
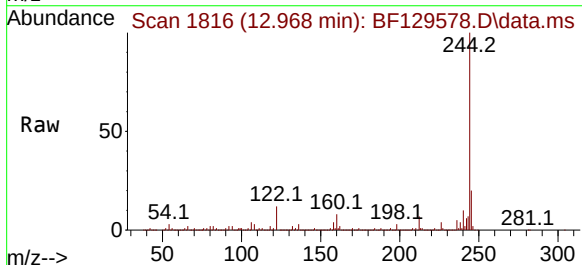
Instrument :
BNA_F
ClientSampleId :
DW-1

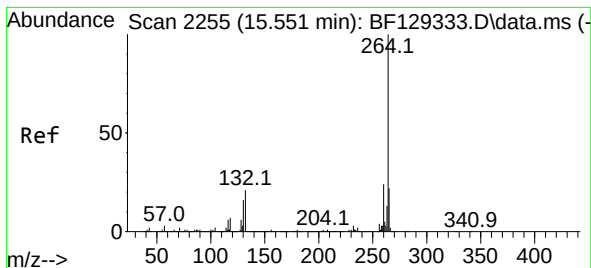
Tgt Ion:202 Resp: 50479
Ion Ratio Lower Upper
202 100
200 22.6 17.7 26.5
203 18.9 14.6 21.8



#79
Terphenyl-d14
Concen: 62.200 ng
RT: 12.968 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129578.D
Acq: 04 Aug 2022 19:49

Tgt Ion:244 Resp: 975616
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129578.D

Acq: 04 Aug 2022 19:49

Instrument :

BNA_F

ClientSampleId :

DW-1

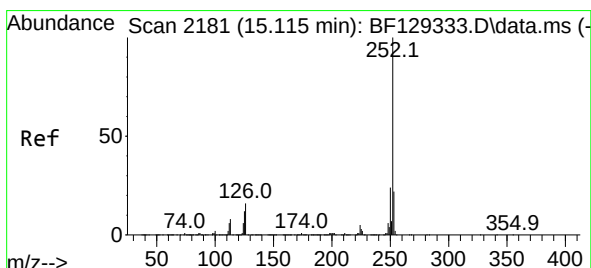
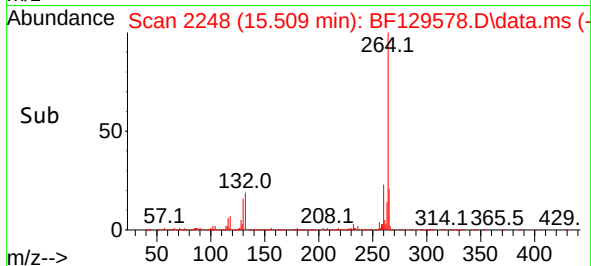
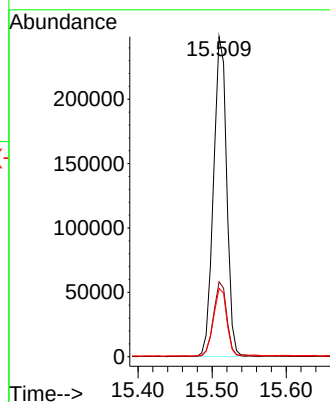
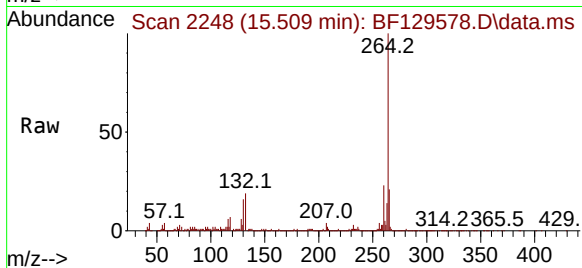
Tgt Ion:264 Resp: 306556

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.3 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.361 ng

RT: 15.074 min Scan# 2174

Delta R.T. -0.012 min

Lab File: BF129578.D

Acq: 04 Aug 2022 19:49

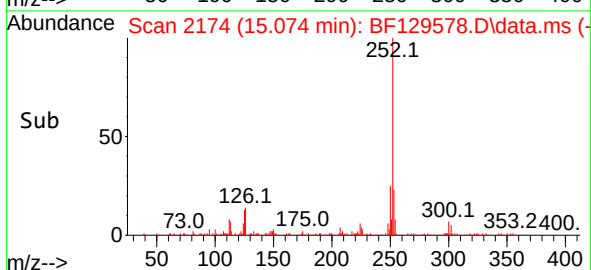
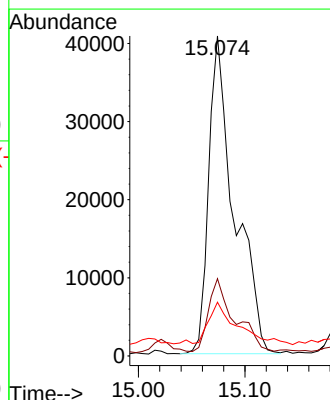
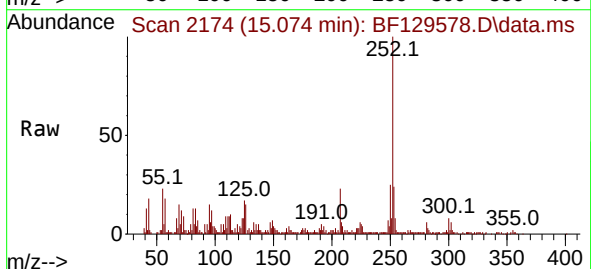
Tgt Ion:252 Resp: 68347

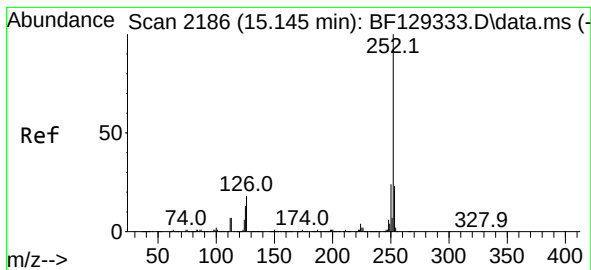
Ion Ratio Lower Upper

252 100

253 24.1 17.7 26.5

125 16.8 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 3.430 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF129578.D

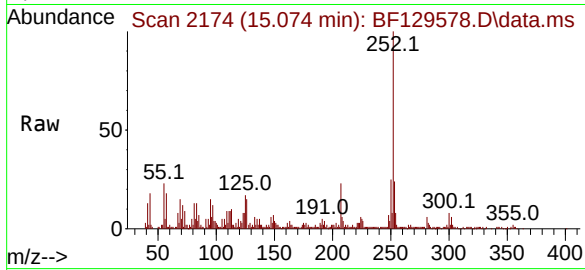
Acq: 04 Aug 2022 19:49

Instrument :

BNA_F

ClientSampleId :

DW-1



Tgt Ion:252 Resp: 68347

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 16.8 8.3 12.5#

