

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129553.D
 Acq On : 03 Aug 2022 22:11
 Operator : CG\JU
 Sample : N3998-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-1

Quant Time: Aug 04 02:21:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

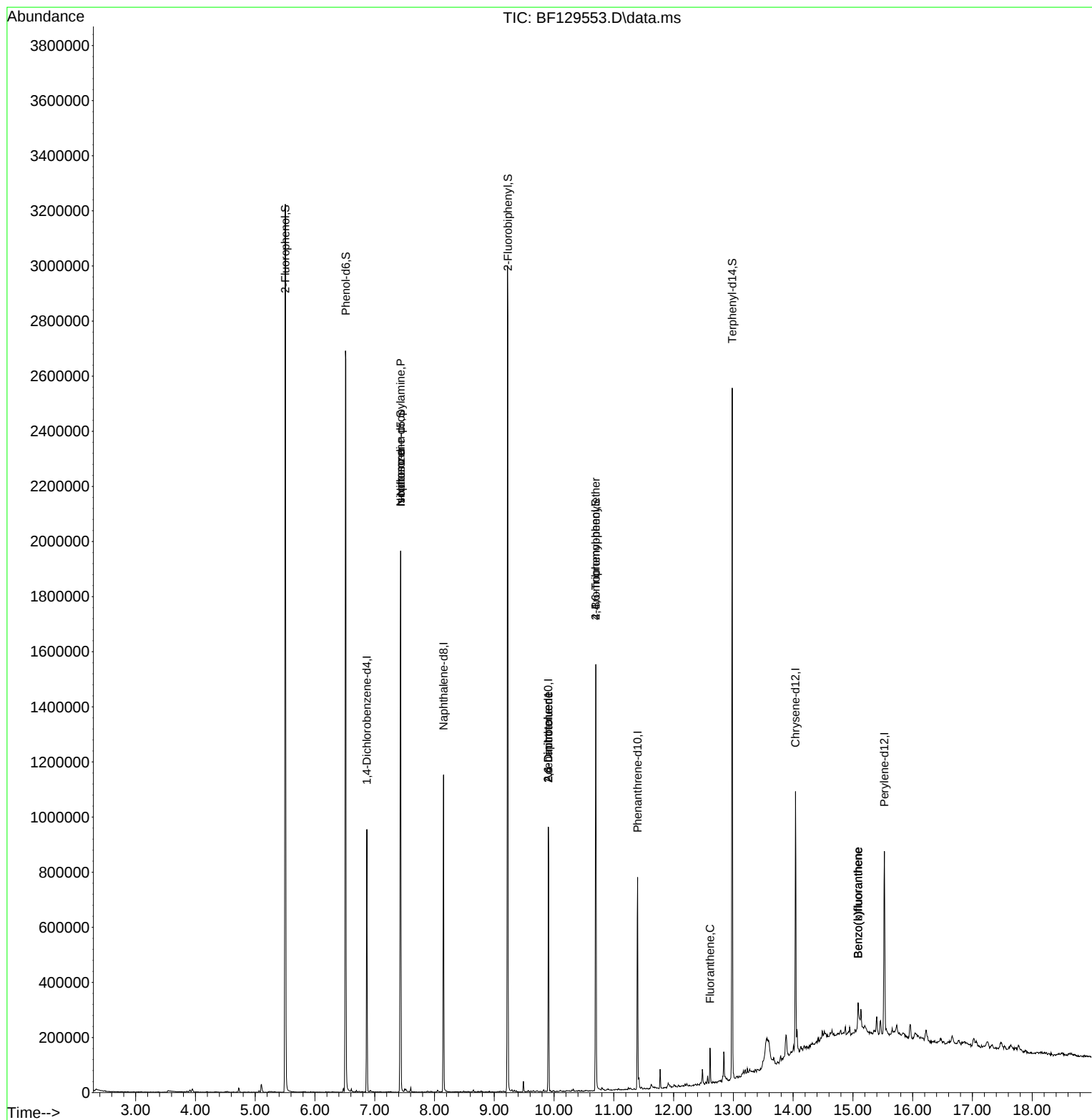
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	127726	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	459090	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	192520	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	262629	20.000	ng	0.00
76) Chrysene-d12	14.039	240	286439	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	280288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	804514	102.607	ng	0.00
7) Phenol-d6	6.516	99	954883	96.890	ng	0.00
23) Nitrobenzene-d5	7.434	82	590366	70.198	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	158350	85.551	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	923140	74.177	ng	0.00
79) Terphenyl-d14	12.980	244	758840	49.980	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	78170	13.102	ng	# 71
25) Isophorone	7.434	82	590350	39.161	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	24735	8.315	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	24735	6.365	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	9996	3.476	ng	# 1
75) Fluoranthene	12.610	202	43934	3.025	ng	97
88) Benzo(b)fluoranthene	15.086	252	63619	3.422	ng	# 91
89) Benzo(k)fluoranthene	15.086	252	63619	3.492	ng	# 91

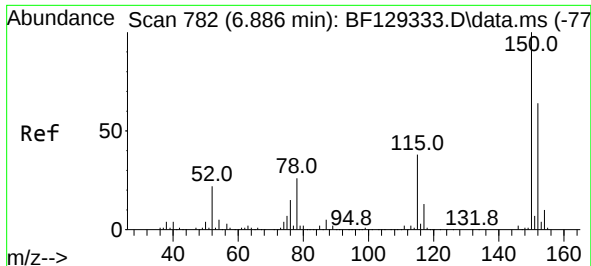
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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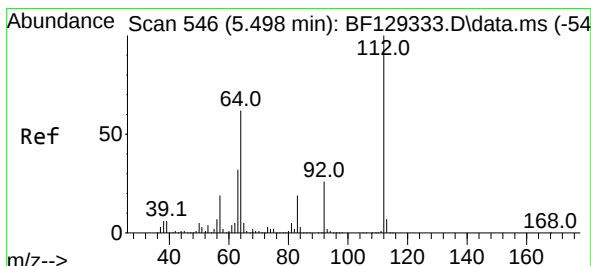
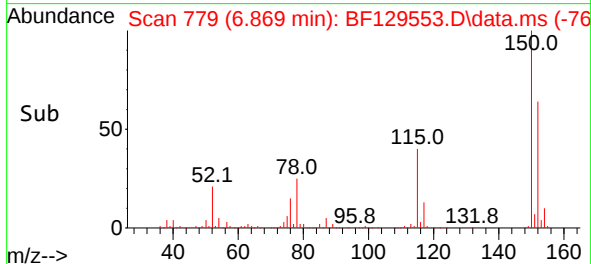
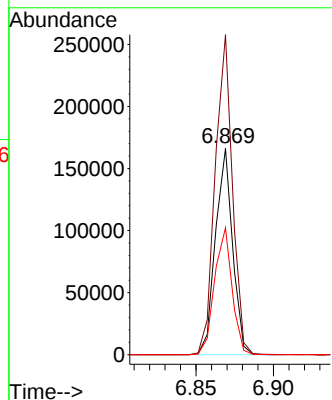
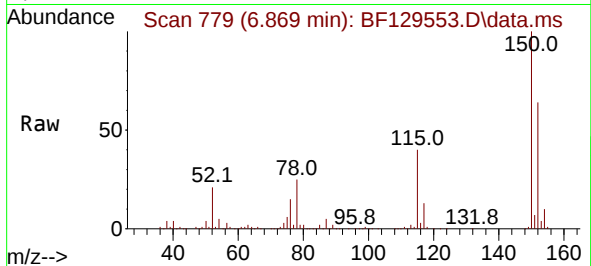




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

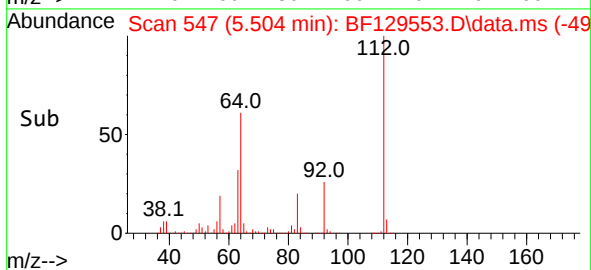
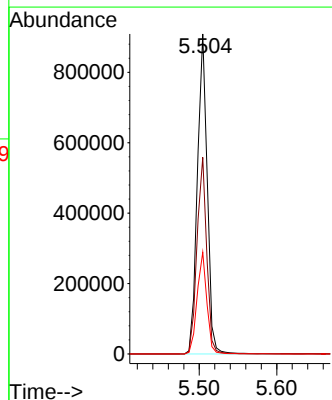
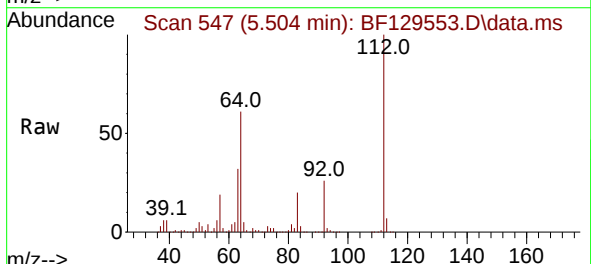
Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion:152 Resp: 127726
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 102.607 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.000 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion:112 Resp: 804514
Ion Ratio Lower Upper
112 100
64 61.5 53.3 79.9
63 31.8 28.0 42.0

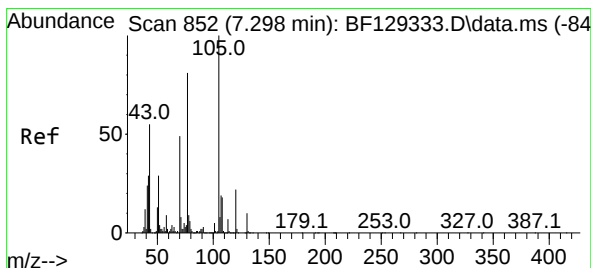
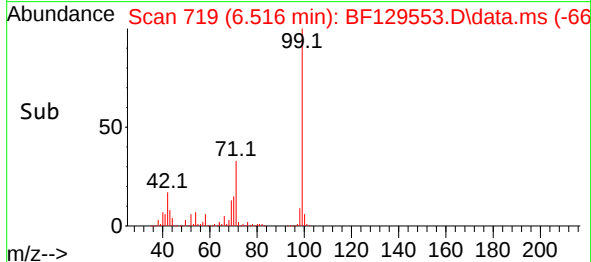
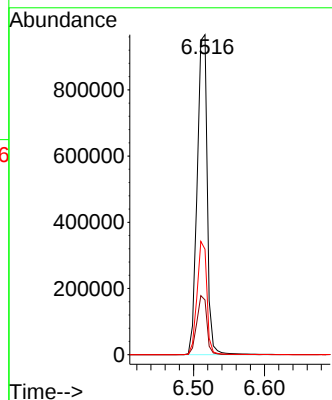
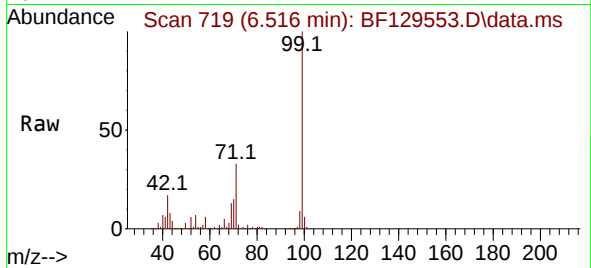




#7
Phenol-d6
Concen: 96.890 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

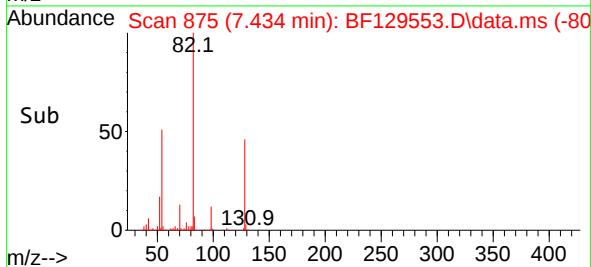
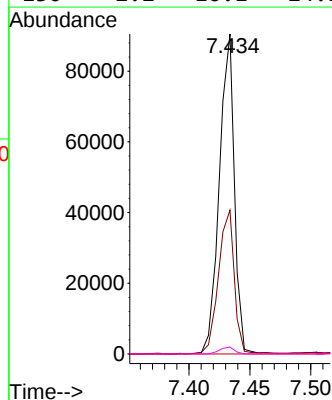
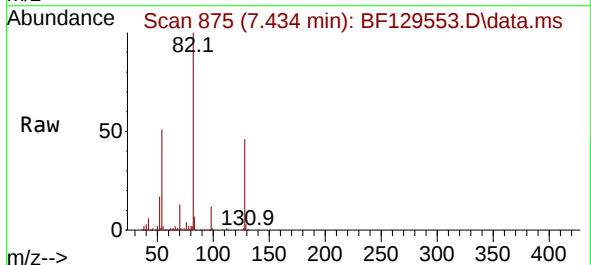
Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion: 99 Resp: 954883
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 32.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.102 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion: 70 Resp: 78170
Ion Ratio Lower Upper
70 100
42 44.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



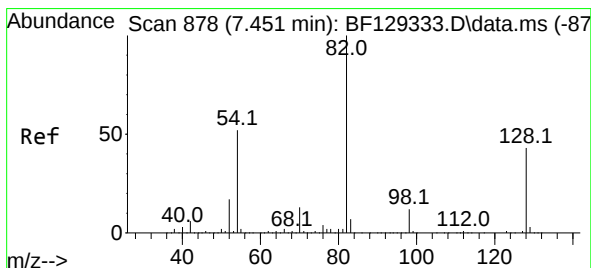
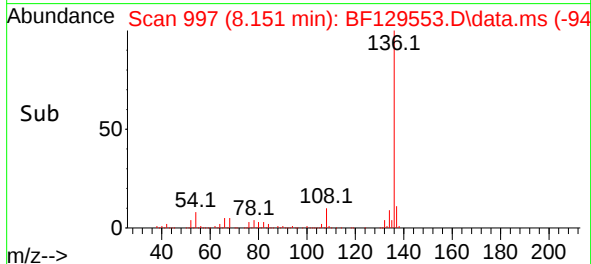
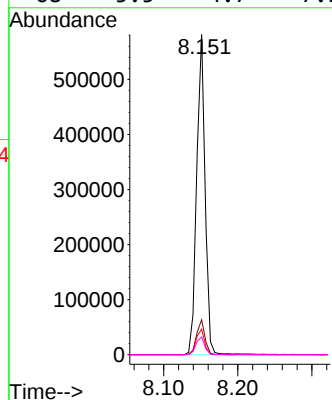
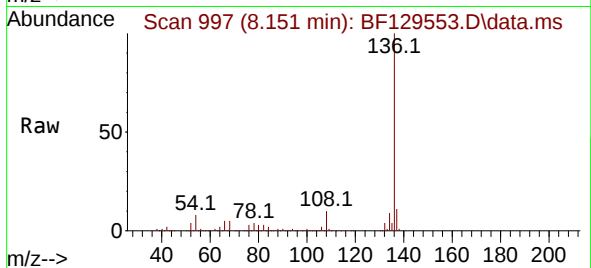


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion:136 Resp: 459090

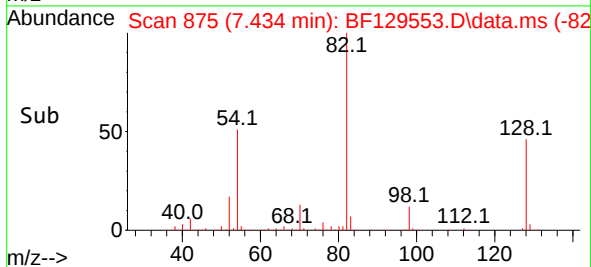
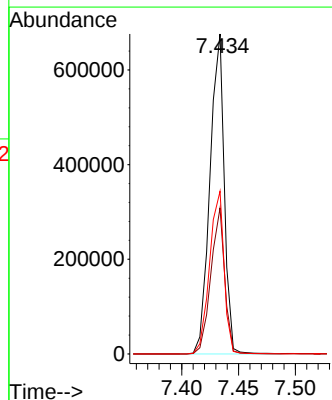
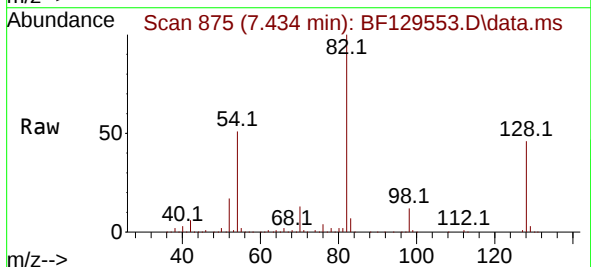
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.5	11.3
68	5.5	4.7	7.1

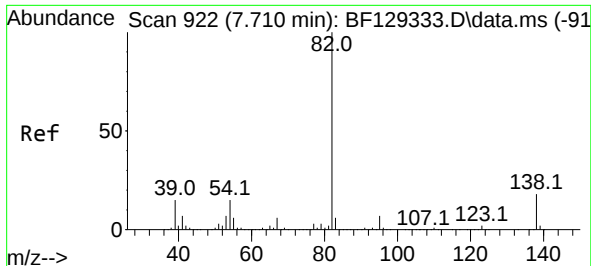


#23
Nitrobenzene-d5
Concen: 70.198 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion: 82 Resp: 590366

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	50.9	46.9	70.3

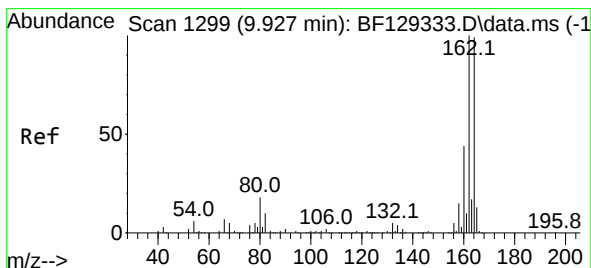
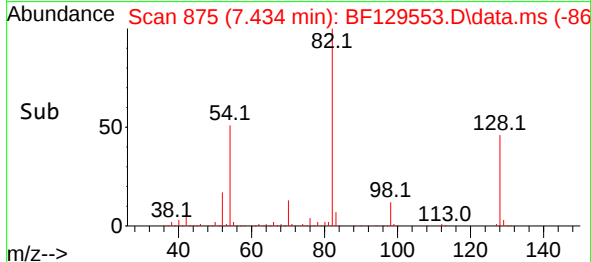
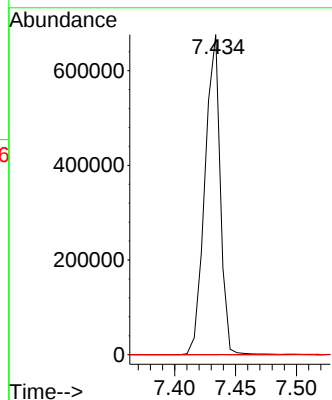
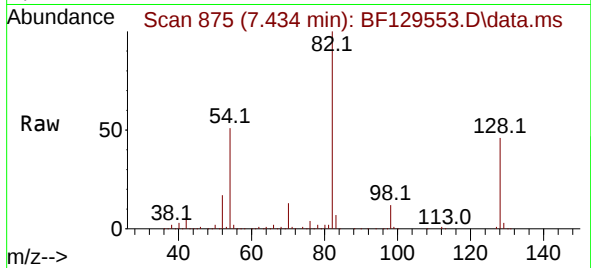




#25
Isophorone
Concen: 39.161 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

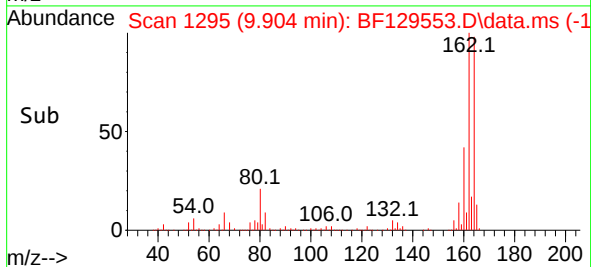
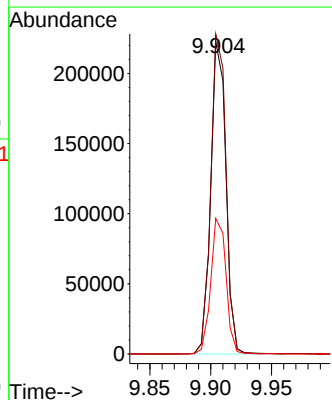
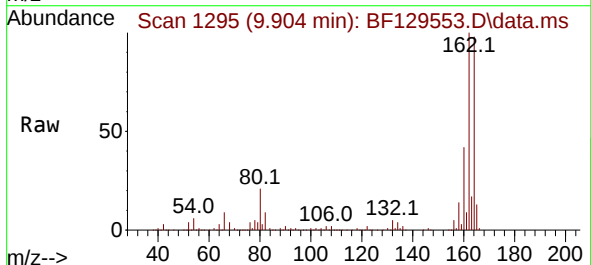
Instrument :
BNA_F
ClientSampleId :
DW-1

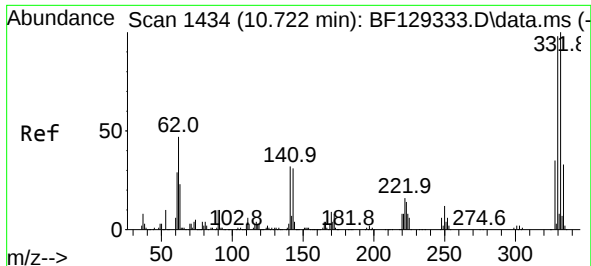
Tgt Ion: 82 Resp: 590350
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion: 164 Resp: 192520
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 43.4 34.2 51.4

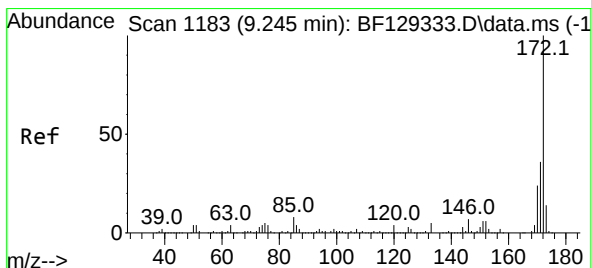
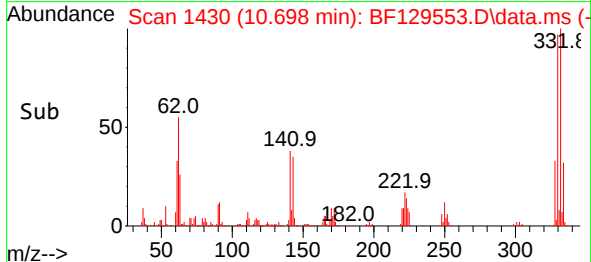
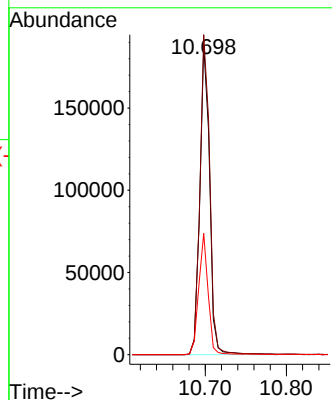
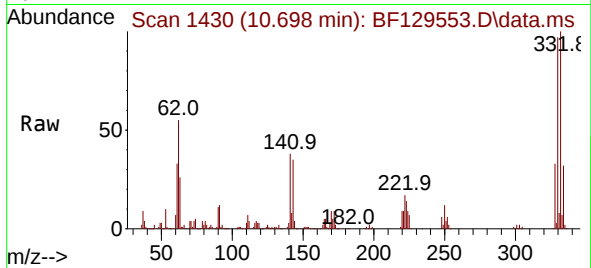




#42
2,4,6-Tribromophenol
Concen: 85.551 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

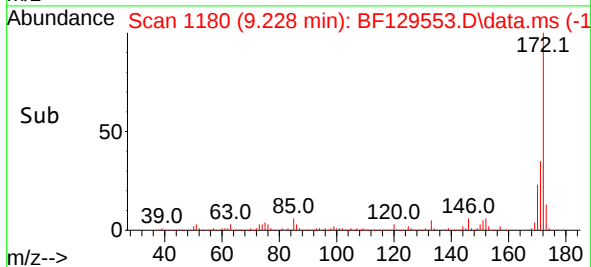
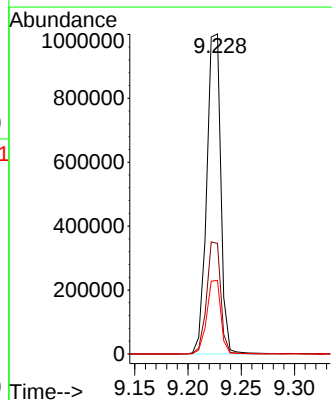
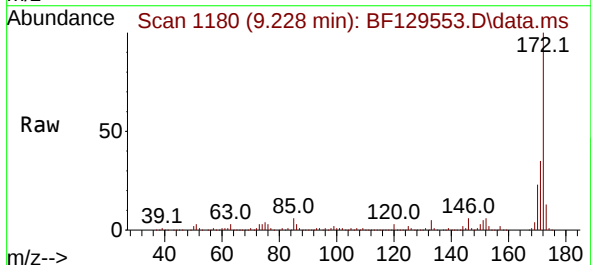
Instrument :
BNA_F
ClientSampleId :
DW-1

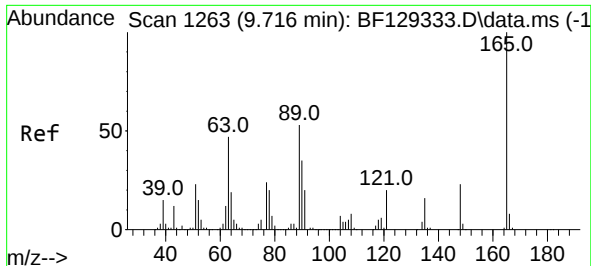
Tgt Ion:330 Resp: 158350
Ion Ratio Lower Upper
330 100
332 104.5 76.8 115.2
141 38.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 74.177 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion:172 Resp: 923140
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.315 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF129553.D

Acq: 03 Aug 2022 22:11

Instrument :

BNA_F

ClientSampleId :

DW-1

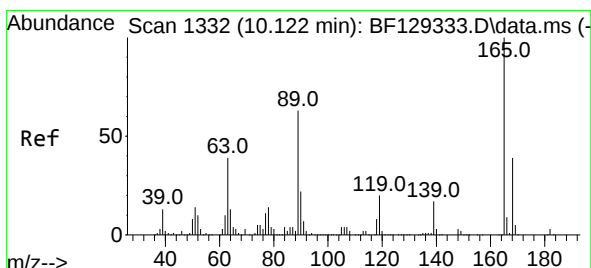
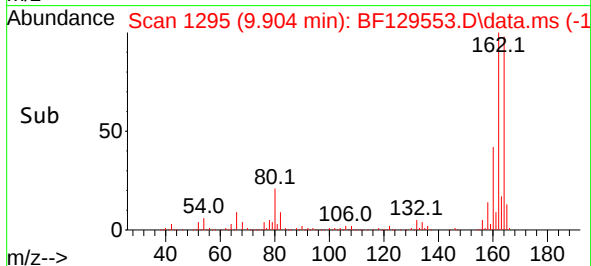
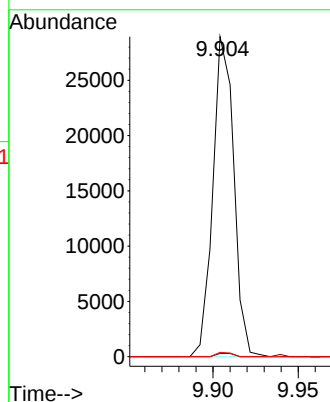
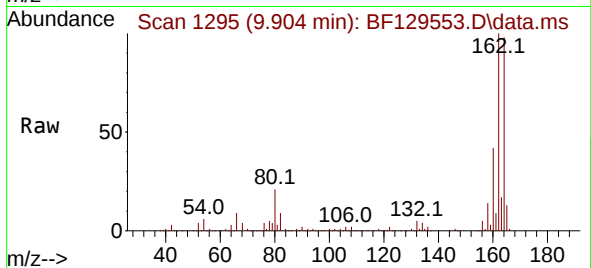
Tgt Ion:165 Resp: 24735

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.365 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.206 min

Lab File: BF129553.D

Acq: 03 Aug 2022 22:11

Tgt Ion:165 Resp: 24735

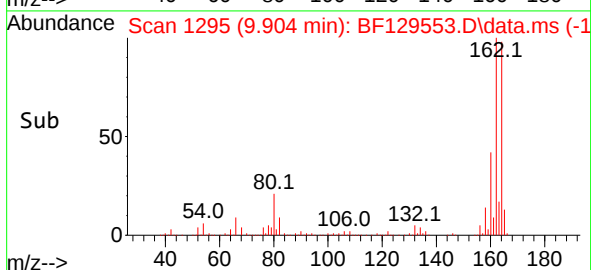
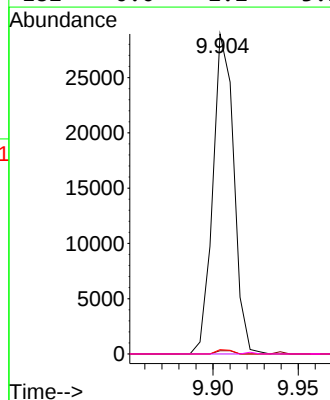
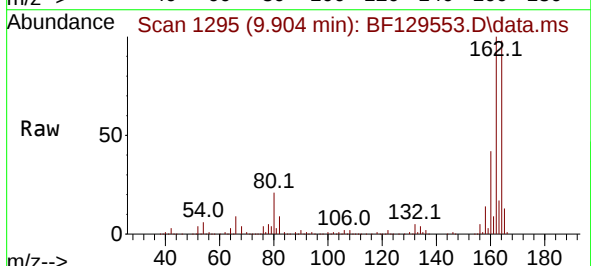
Ion Ratio Lower Upper

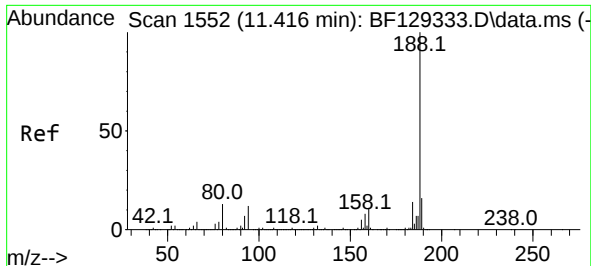
165 100

63 1.0 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#

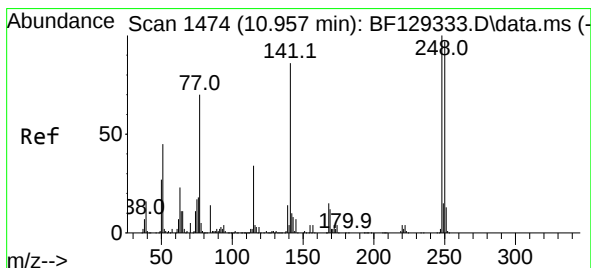
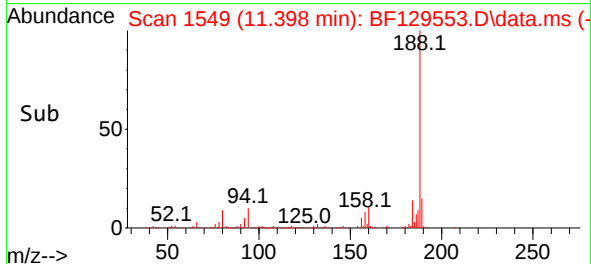
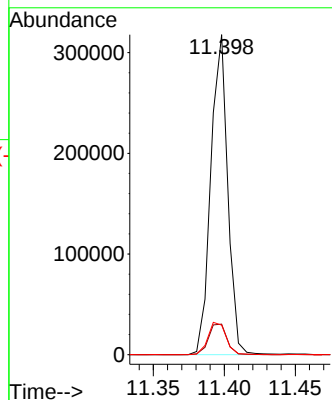
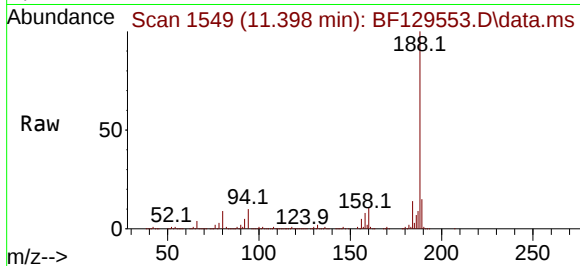




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

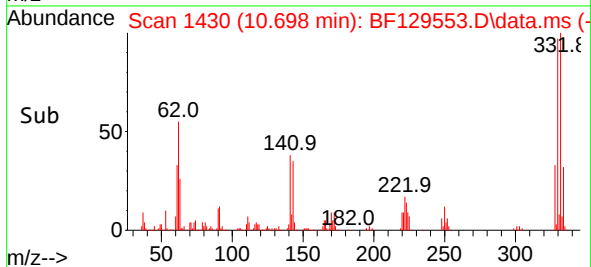
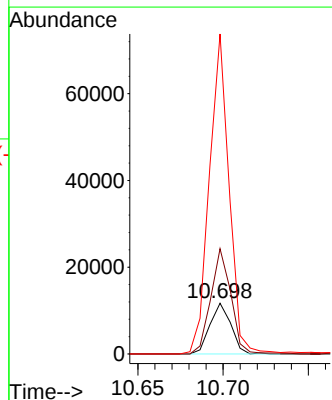
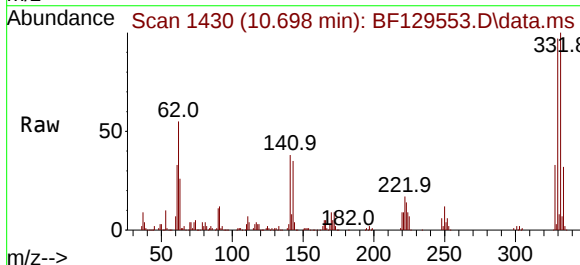
Instrument :
BNA_F
ClientSampleId :
DW-1

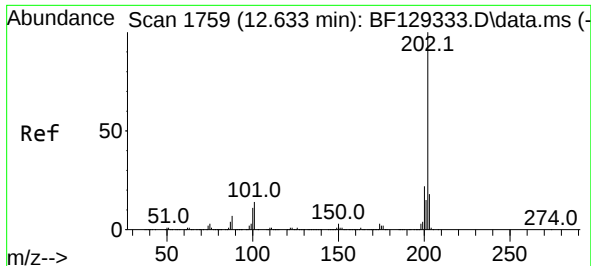
Tgt Ion:188 Resp: 262629
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.476 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion:248 Resp: 9996
Ion Ratio Lower Upper
248 100
250 207.7 80.6 120.8#
141 631.5 58.9 88.3#

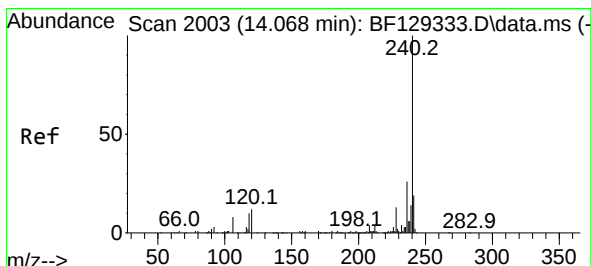
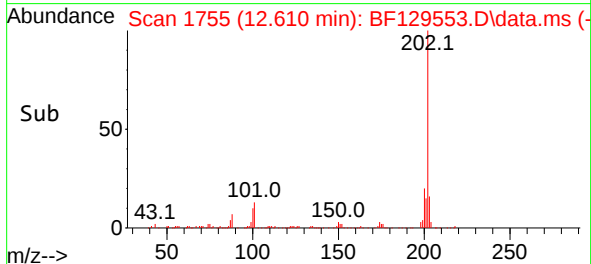
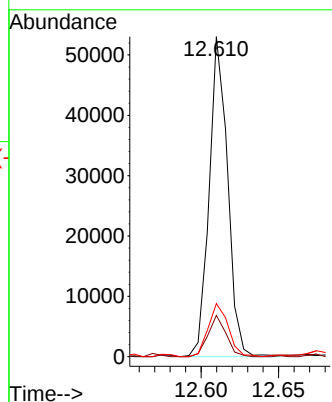
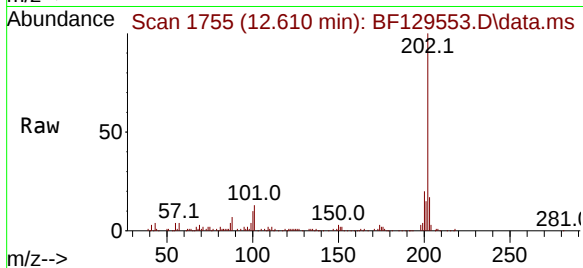




#75
Fluoranthene
Concen: 3.025 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

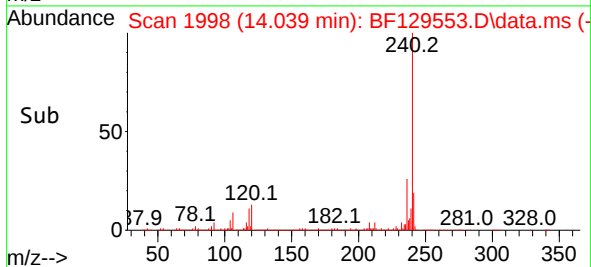
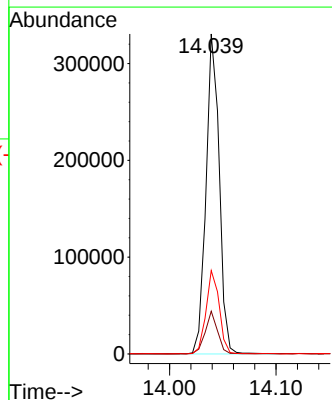
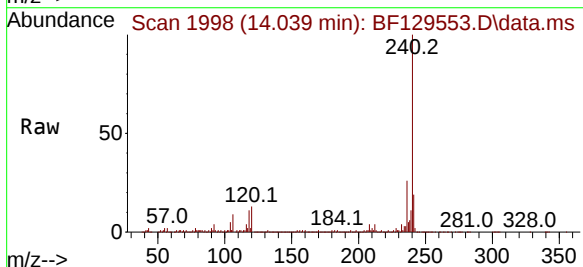
Instrument :
BNA_F
ClientSampleId :
DW-1

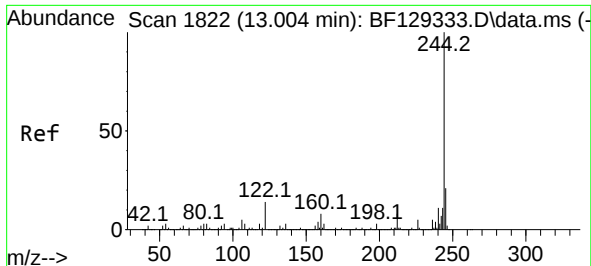
Tgt Ion:202 Resp: 43934
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 16.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion:240 Resp: 286439
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3#
236 26.0 20.8 31.2

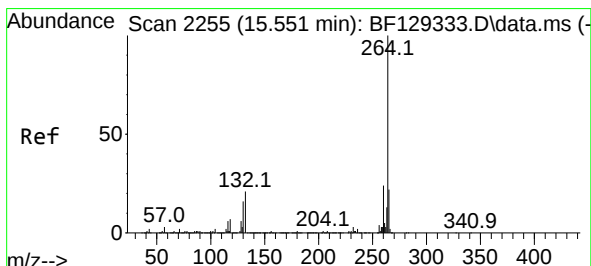
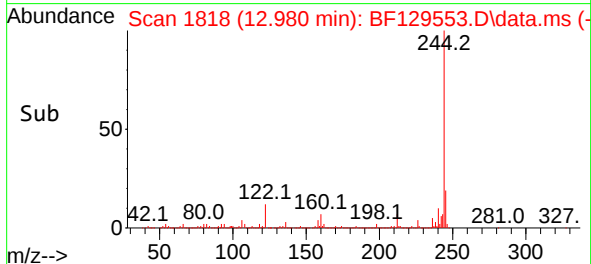
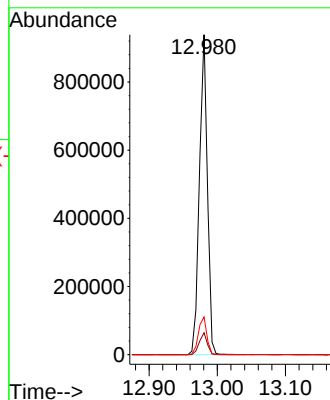
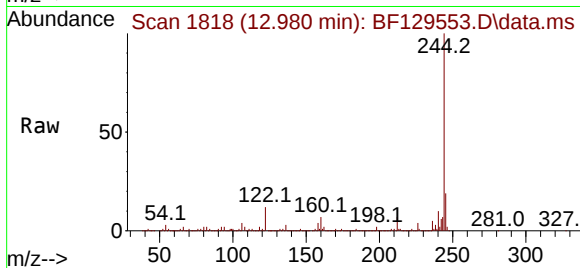




#79
 Terphenyl-d14
 Concen: 49.980 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.006 min
 Lab File: BF129553.D
 Acq: 03 Aug 2022 22:11

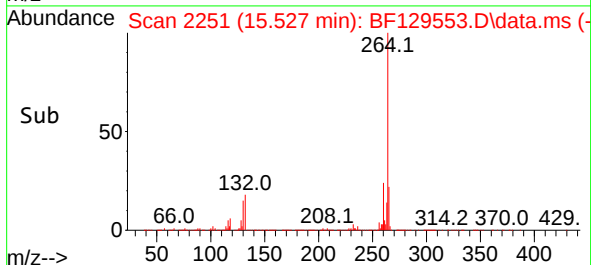
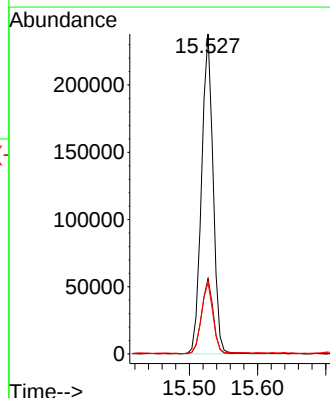
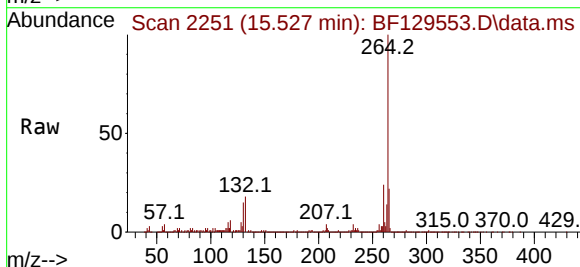
Instrument :
 BNA_F
 ClientSampleId :
 DW-1

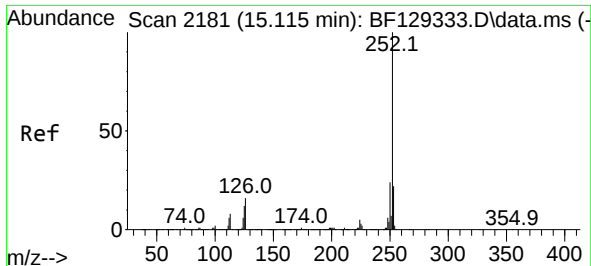
Tgt Ion:244 Resp: 758840
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 11.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. 0.000 min
 Lab File: BF129553.D
 Acq: 03 Aug 2022 22:11

Tgt Ion:264 Resp: 280288
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.2 17.2 25.8

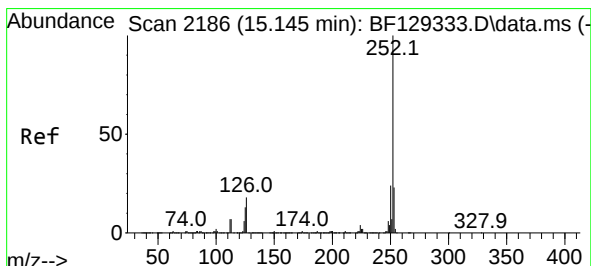
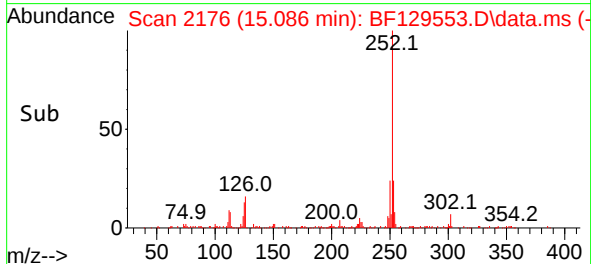
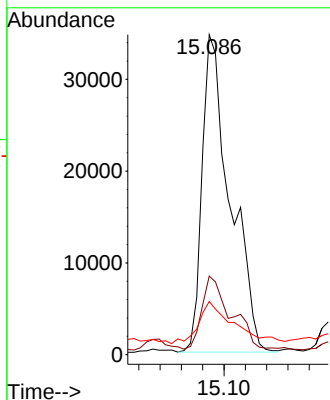
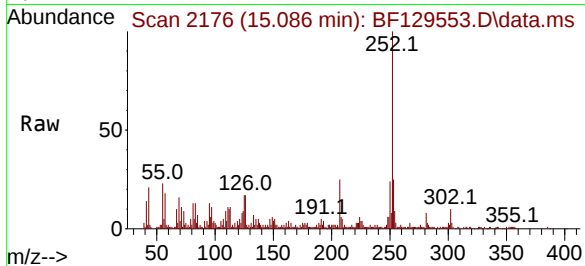




#88
Benzo(b)fluoranthene
Concen: 3.422 ng
RT: 15.086 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Instrument :
BNA_F
ClientSampleId :
DW-1

Tgt Ion:252 Resp: 63619
Ion Ratio Lower Upper
252 100
253 24.5 17.7 26.5
125 16.6 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 3.492 ng
RT: 15.086 min Scan# 2176
Delta R.T. -0.035 min
Lab File: BF129553.D
Acq: 03 Aug 2022 22:11

Tgt Ion:252 Resp: 63619
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.6
125 16.6 8.3 12.5#

