

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129555.D
 Acq On : 03 Aug 2022 23:17
 Operator : CG\JU
 Sample : N3930-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-99D

Quant Time: Aug 04 02:21:19 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)

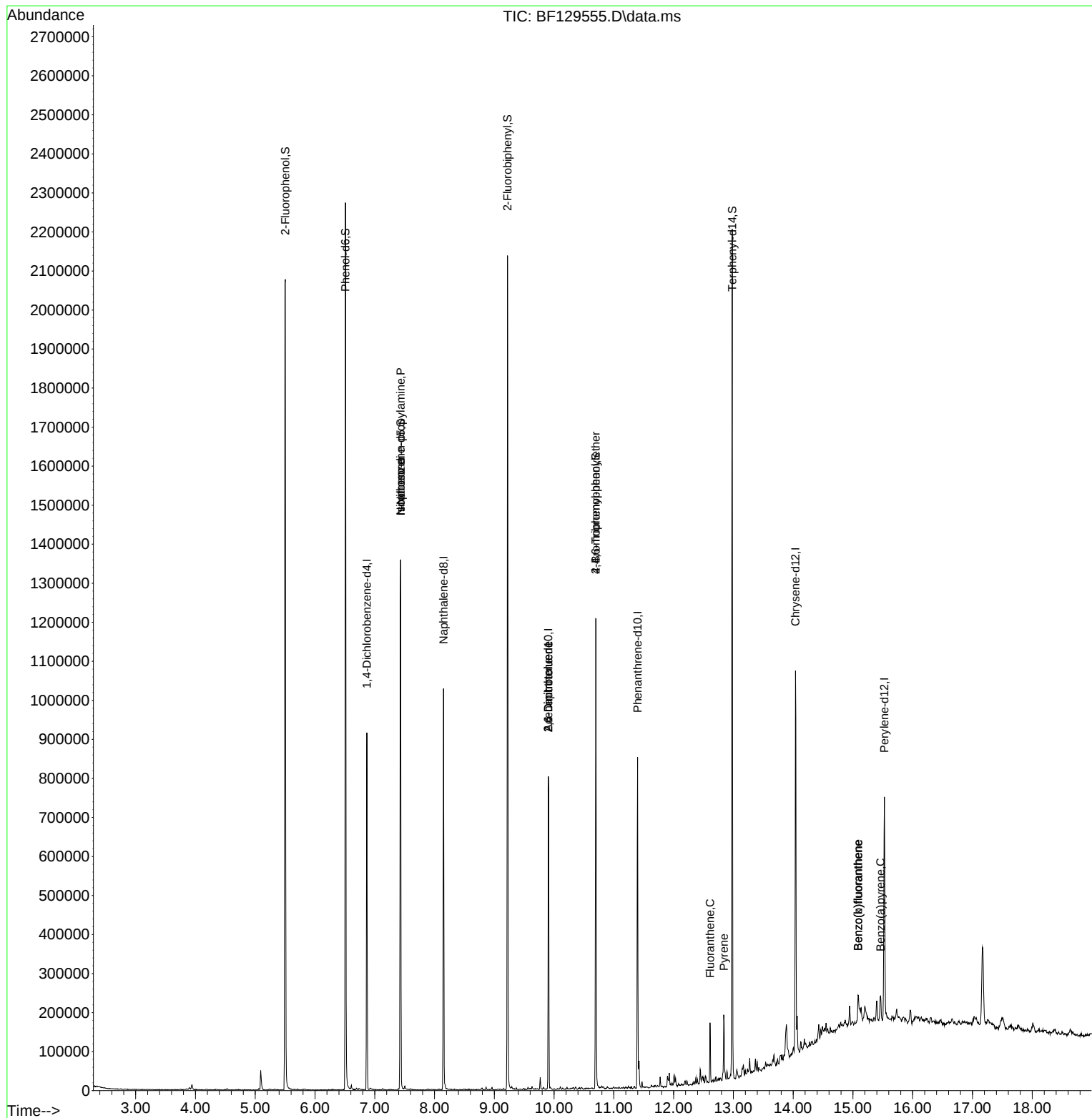
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	121637	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	406135	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	169982	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	274235	20.000	ng	0.00
76) Chrysene-d12	14.039	240	311503	20.000	ng	-0.01
86) Perylene-d12	15.527	264	247622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	597280	79.990	ng	0.00
7) Phenol-d6	6.510	99	686382	73.132	ng	-0.01
23) Nitrobenzene-d5	7.434	82	428603	57.609	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	122442	74.922	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	622996	56.697	ng	-0.01
79) Terphenyl-d14	12.980	244	674769	40.867	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	55800	9.821	ng	# 74
25) Isophorone	7.434	82	428598	32.138	ng	# 65
51) 2,6-Dinitrotoluene	9.904	165	21281	8.103	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	21281	6.203	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	7619	2.537	ng	# 1
75) Fluoranthene	12.610	202	50597	3.336	ng	99
78) Pyrene	12.839	202	64166	2.463	ng	98
88) Benzo(b)fluoranthene	15.086	252	51092	3.111	ng	# 91
89) Benzo(k)fluoranthene	15.086	252	51092	3.174	ng	# 92
90) Benzo(a)pyrene	15.462	252	28299	2.122	ng	# 96

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

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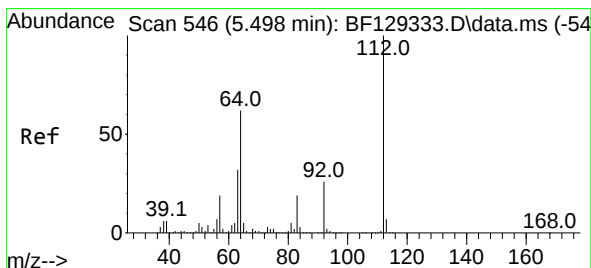
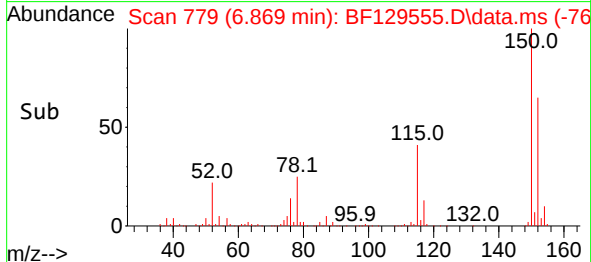
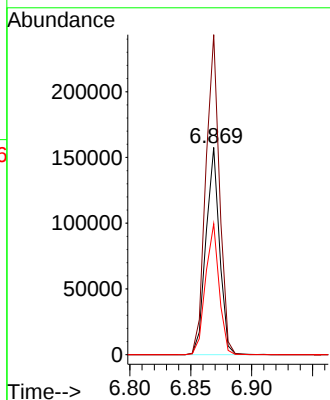
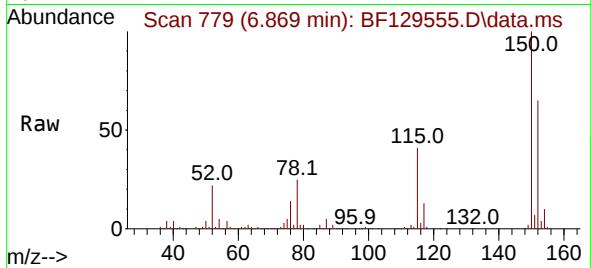




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

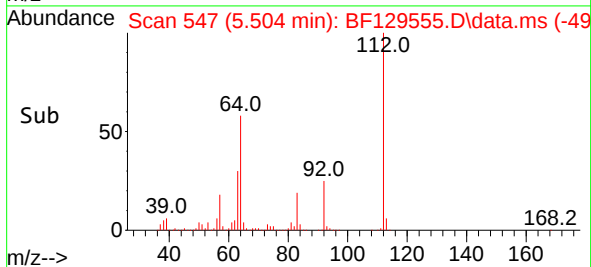
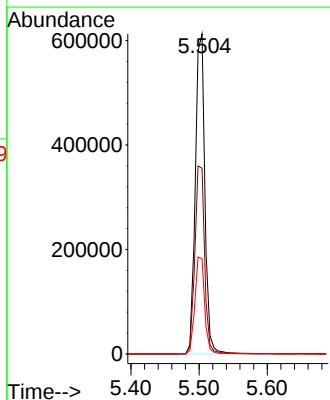
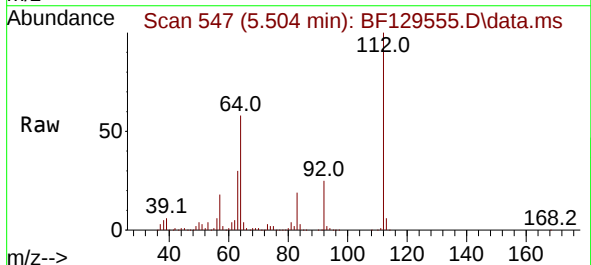
Instrument :
BNA_F
ClientSampleId :
RVE-99D

Tgt Ion:152 Resp: 121637
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 79.990 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.000 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:112 Resp: 597280
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 29.7 28.0 42.0

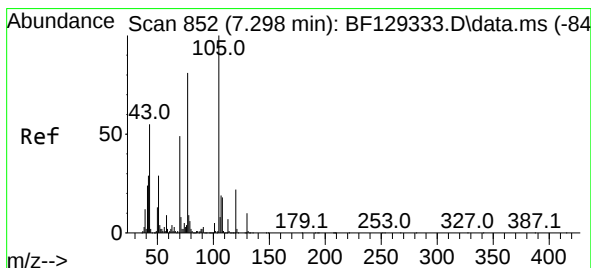
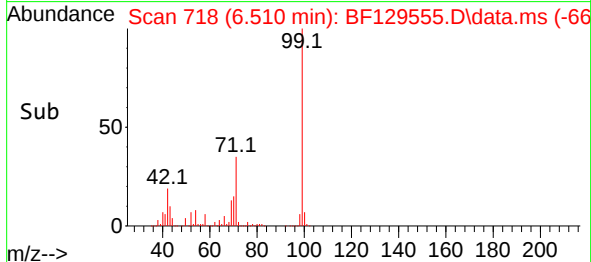
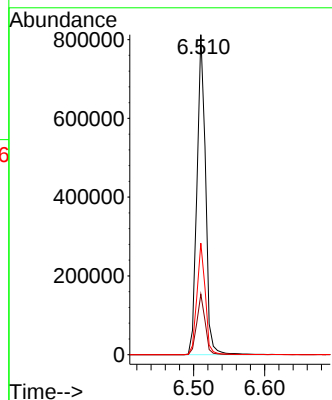
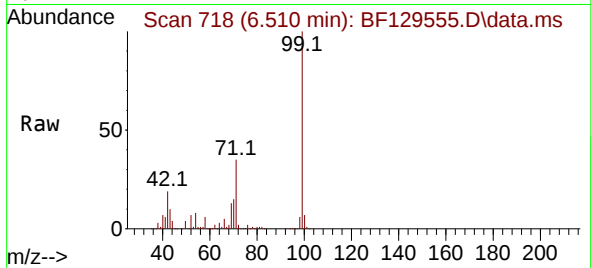




#7
Phenol-d6
Concen: 73.132 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

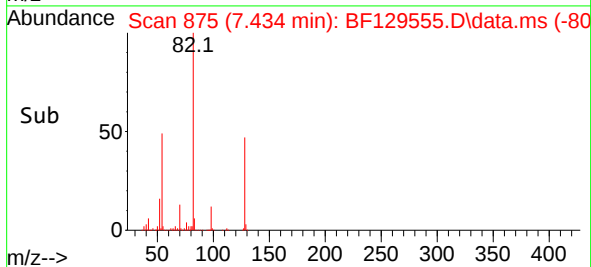
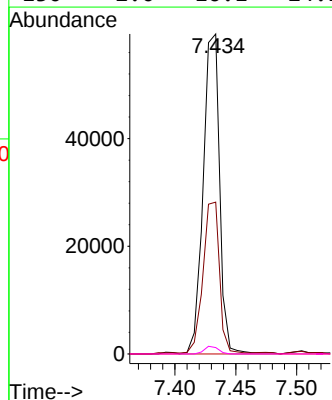
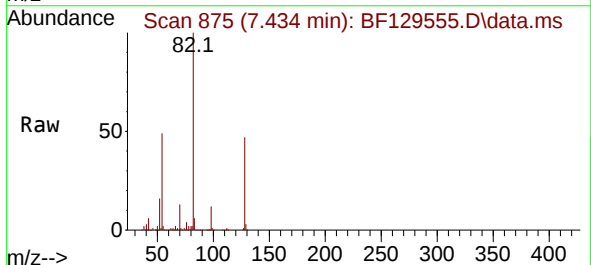
Instrument :
BNA_F
ClientSampleId :
RVE-99D

Tgt Ion: 99 Resp: 686382
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 34.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 9.821 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion: 70 Resp: 55800
Ion Ratio Lower Upper
70 100
42 47.5 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



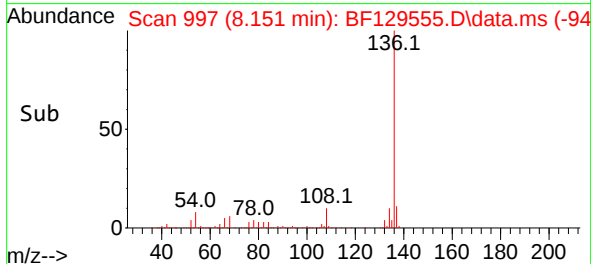
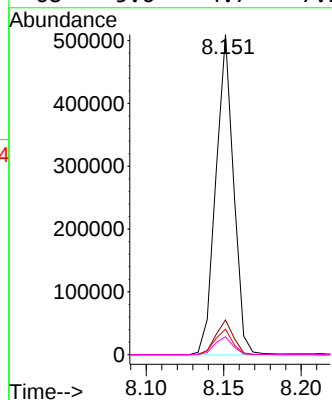
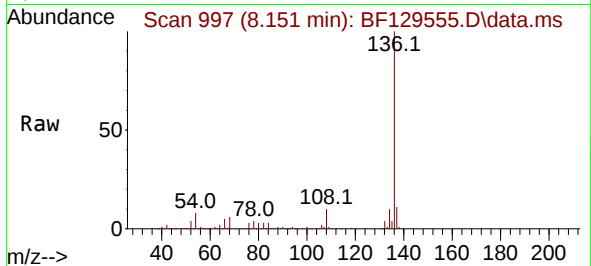


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Instrument :
BNA_F
ClientSampleId :
RVE-99D

Tgt Ion:136 Resp: 406135

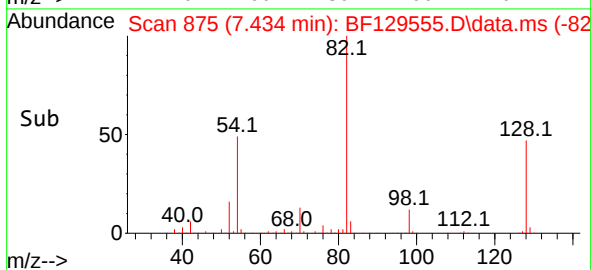
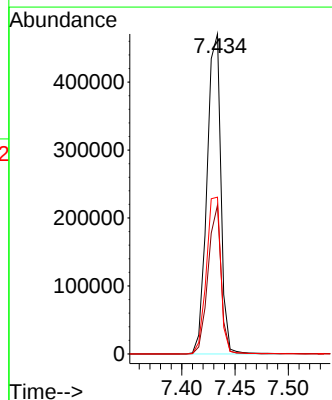
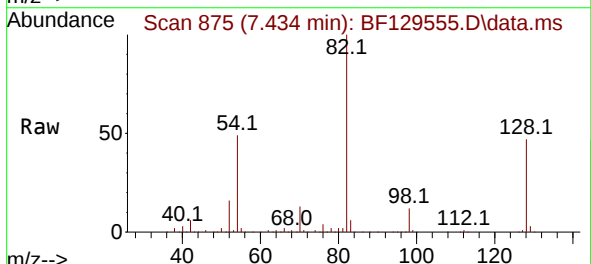
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.0	7.5	11.3
68	5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 57.609 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion: 82 Resp: 428603

Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.0	51.0
54	49.0	46.9	70.3

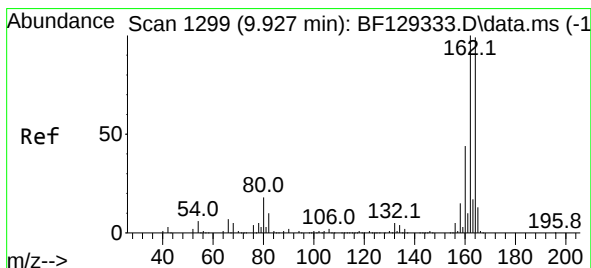
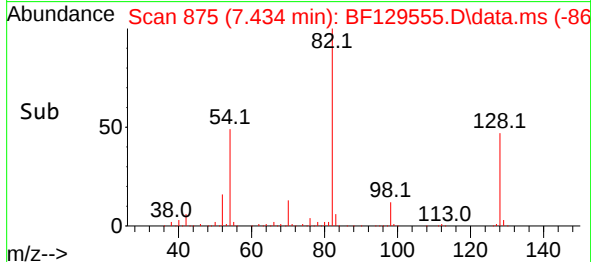
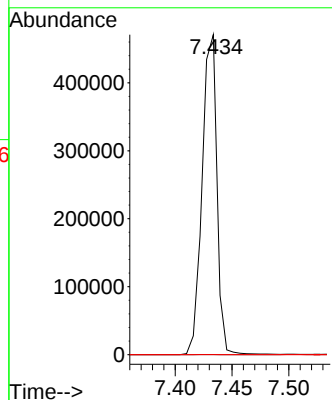
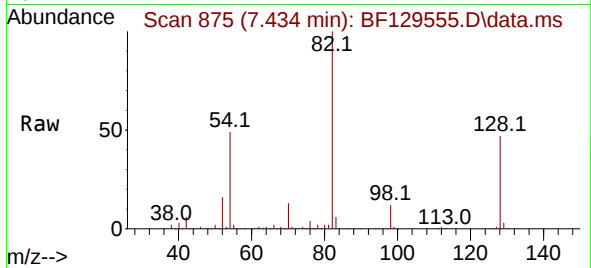




#25
Isophorone
Concen: 32.138 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

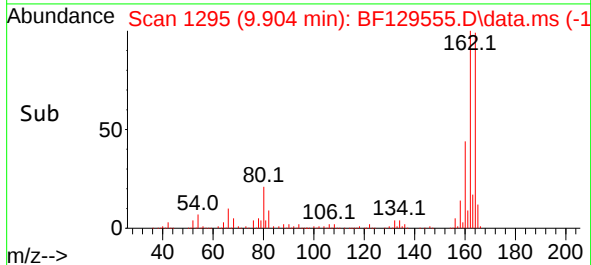
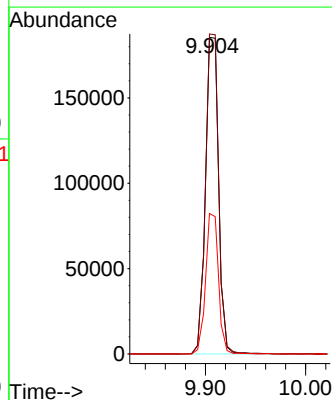
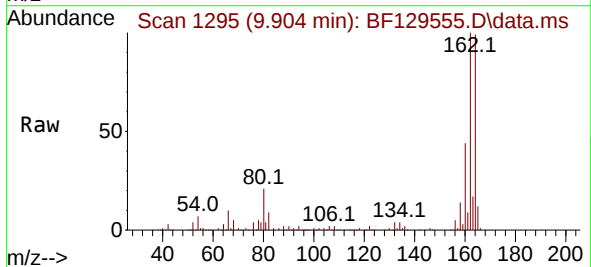
Instrument :
BNA_F
ClientSampleId :
RVE-99D

Tgt Ion: 82 Resp: 428598
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: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:164 Resp: 169982
Ion Ratio Lower Upper
164 100
162 101.1 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 74.922 ng

RT: 10.698 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129555.D

Acq: 03 Aug 2022 23:17

Instrument :

BNA_F

ClientSampleId :

RVE-99D

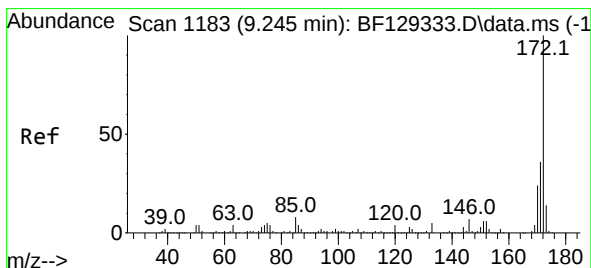
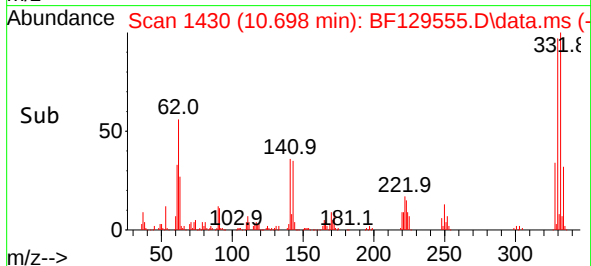
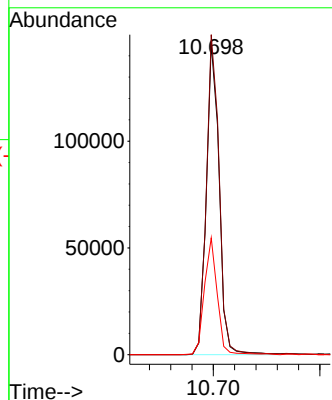
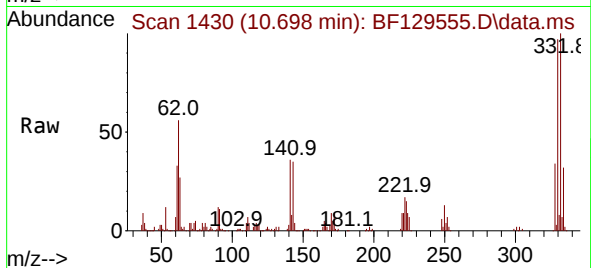
Tgt Ion:330 Resp: 122442

Ion Ratio Lower Upper

330 100

332 102.5 76.8 115.2

141 37.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.697 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF129555.D

Acq: 03 Aug 2022 23:17

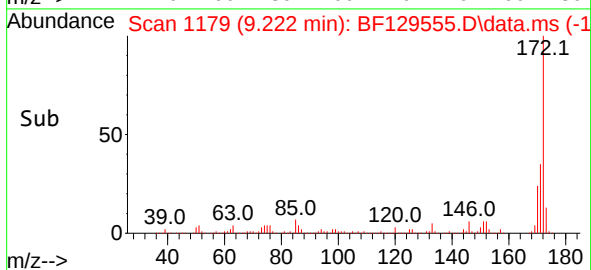
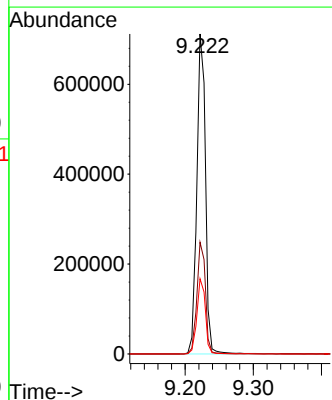
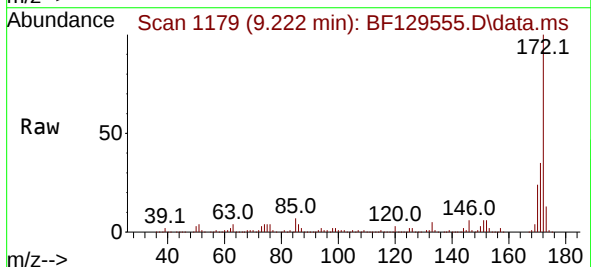
Tgt Ion:172 Resp: 622996

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 19.8 29.8

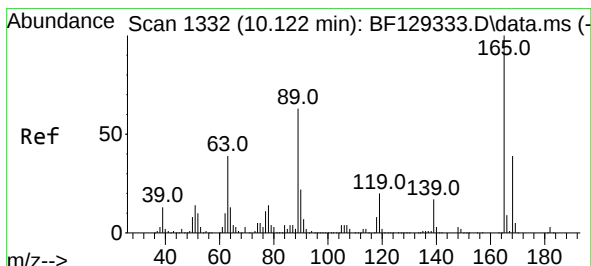
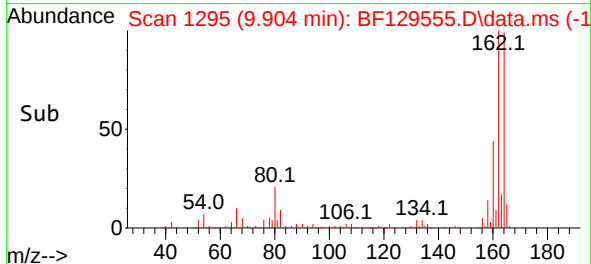
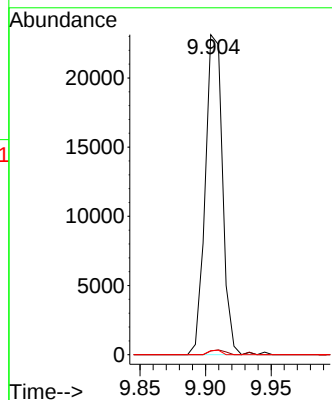
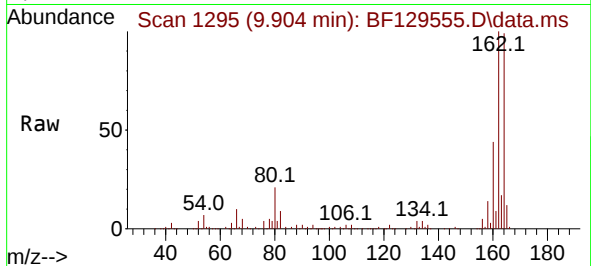




#51
2,6-Dinitrotoluene
Concen: 8.103 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

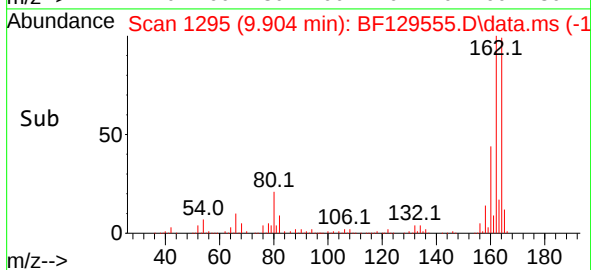
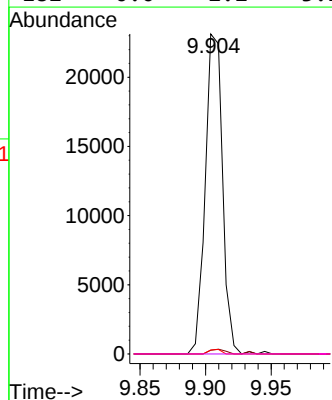
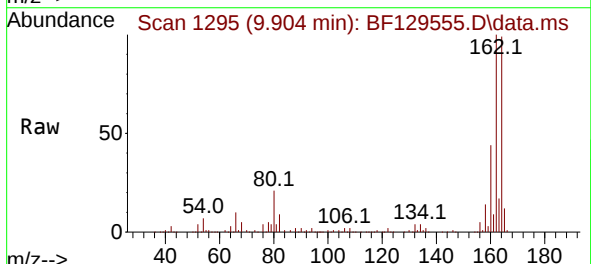
Instrument :
BNA_F
ClientSampleId :
RVE-99D

Tgt Ion:165 Resp: 21281
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.203 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.206 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:165 Resp: 21281
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#

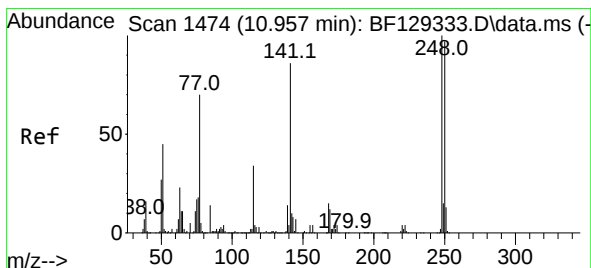
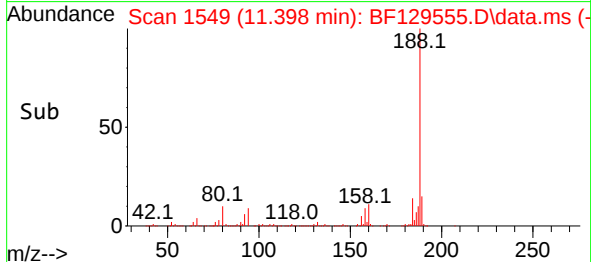
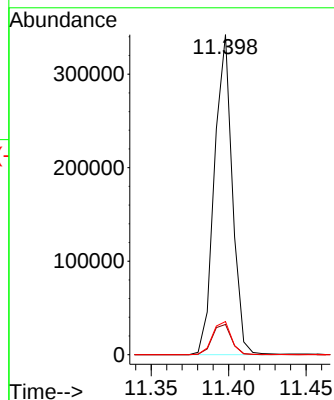
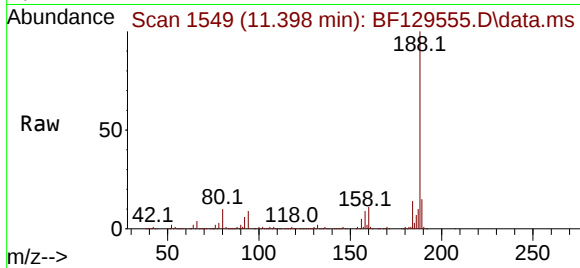




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

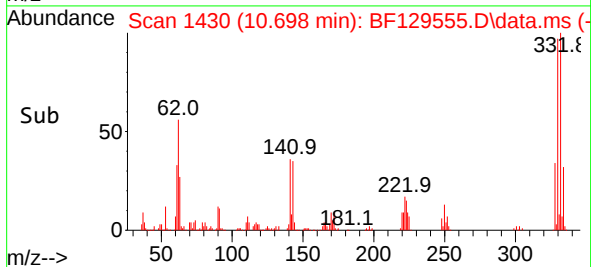
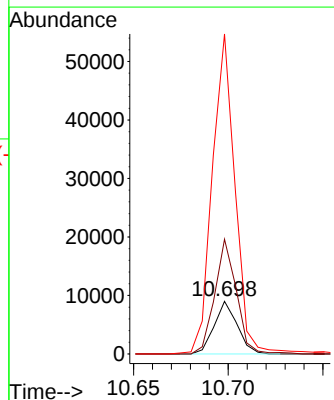
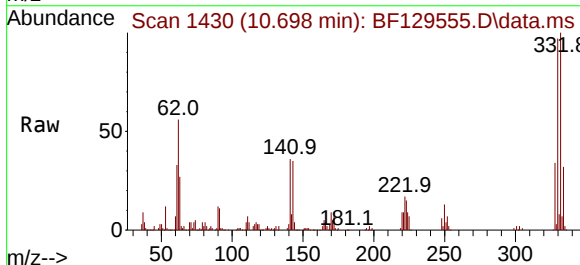
Instrument :
BNA_F
ClientSampleId :
RVE-99D

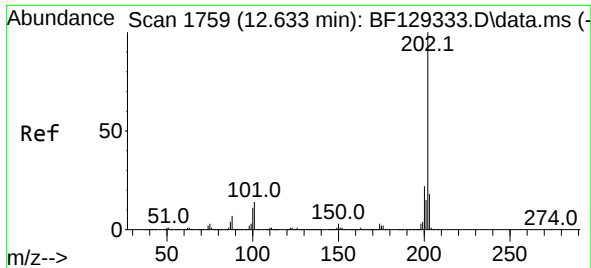
Tgt Ion:188 Resp: 274235
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.537 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:248 Resp: 7619
Ion Ratio Lower Upper
248 100
250 217.7 80.6 120.8#
141 607.0 58.9 88.3#

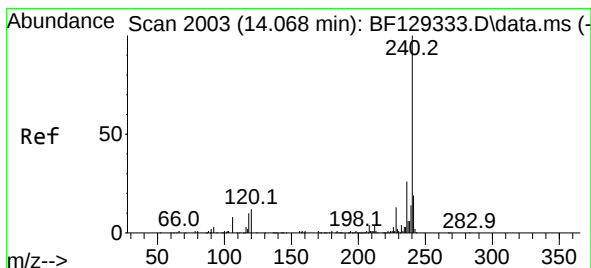
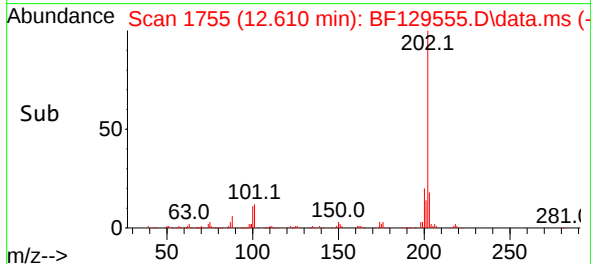
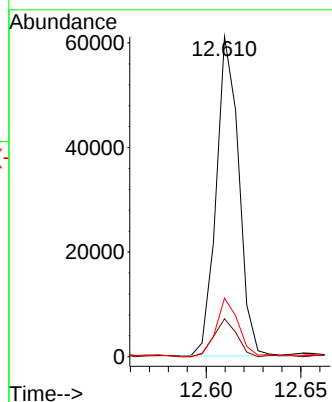
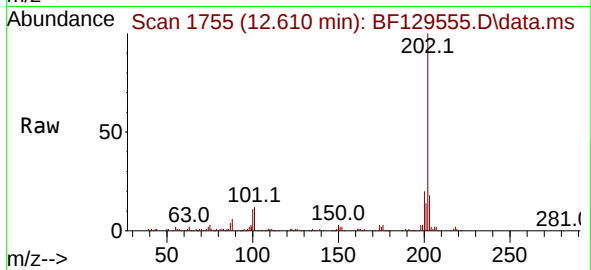




#75
Fluoranthene
Concen: 3.336 ng
RT: 12.610 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

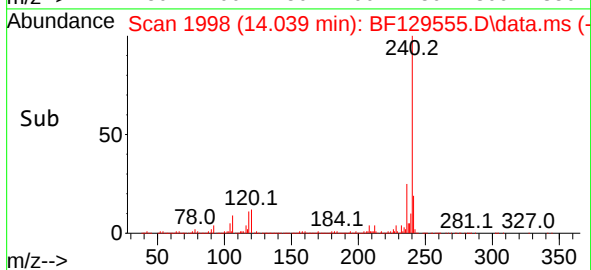
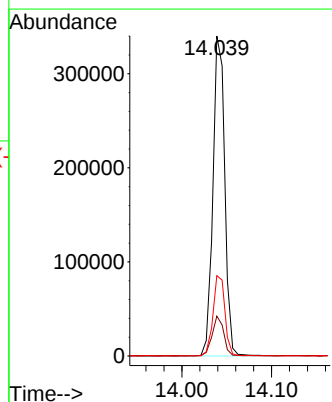
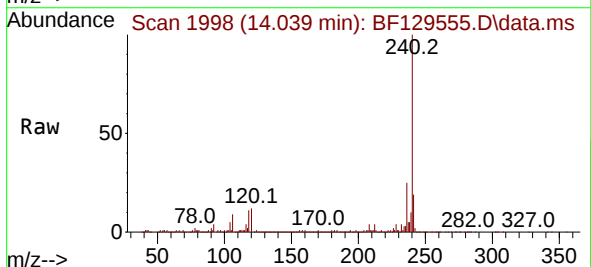
Instrument :
BNA_F
ClientSampleId :
RVE-99D

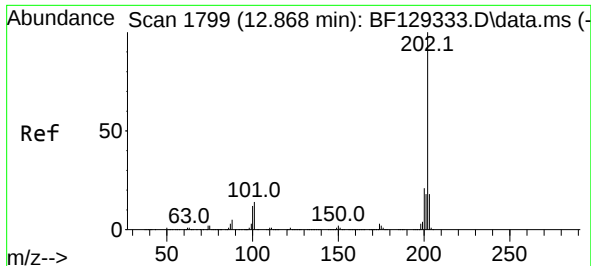
Tgt Ion:202 Resp: 50597
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:240 Resp: 311503
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 25.1 20.8 31.2

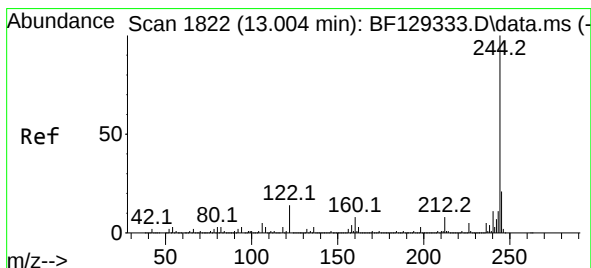
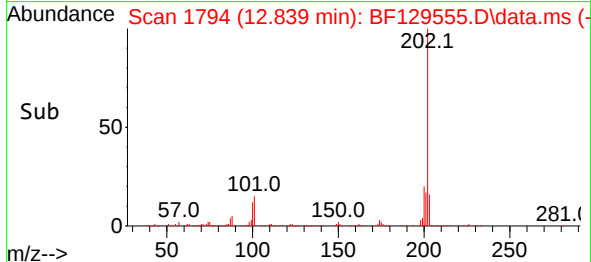
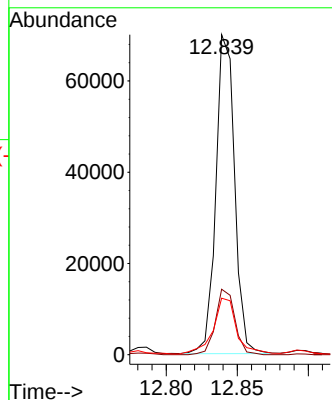
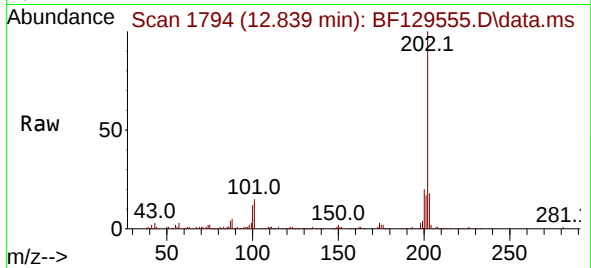




#78
Pyrene
Concen: 2.463 ng
RT: 12.839 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

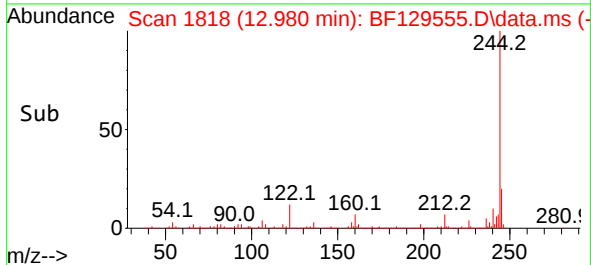
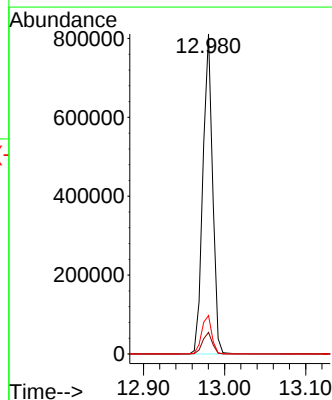
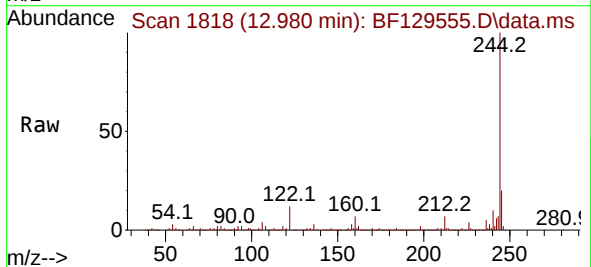
Instrument :
BNA_F
ClientSampleId :
RVE-99D

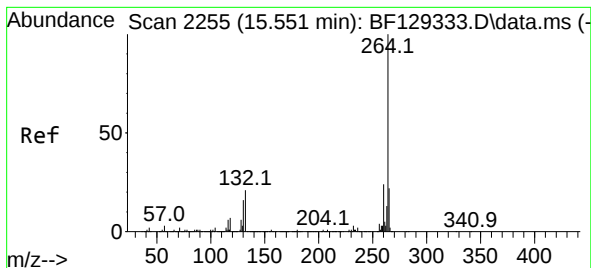
Tgt Ion:202 Resp: 64166
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 17.7 14.6 21.8



#79
Terphenyl-d14
Concen: 40.867 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:244 Resp: 674769
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 12.0 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF129555.D

Acq: 03 Aug 2022 23:17

Instrument :

BNA_F

ClientSampleId :

RVE-99D

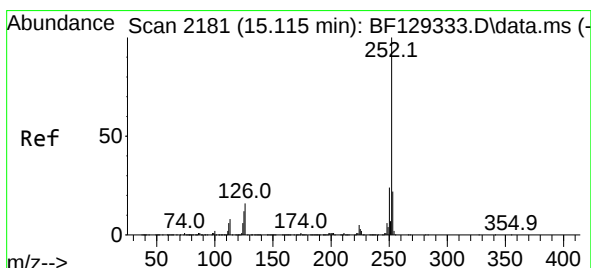
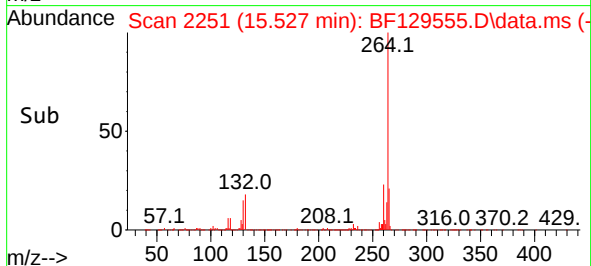
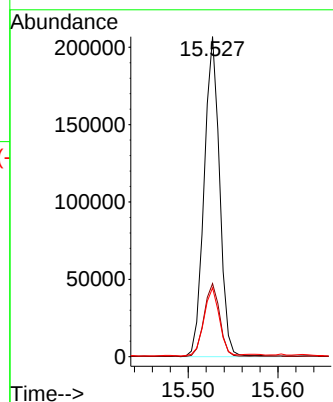
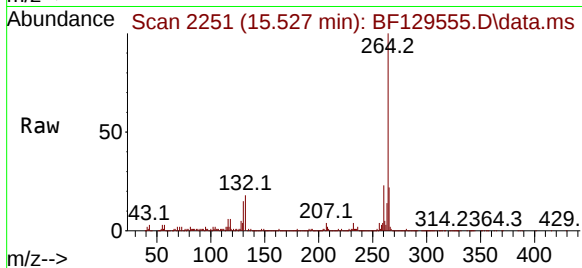
Tgt Ion:264 Resp: 247622

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.5 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.111 ng

RT: 15.086 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BF129555.D

Acq: 03 Aug 2022 23:17

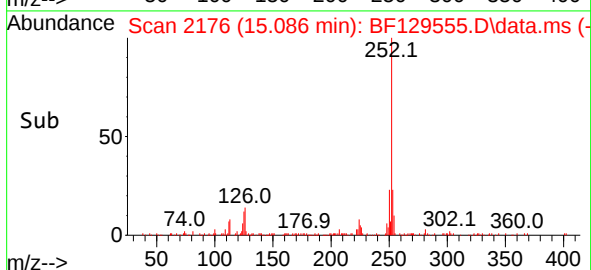
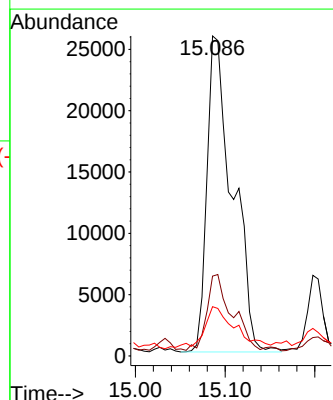
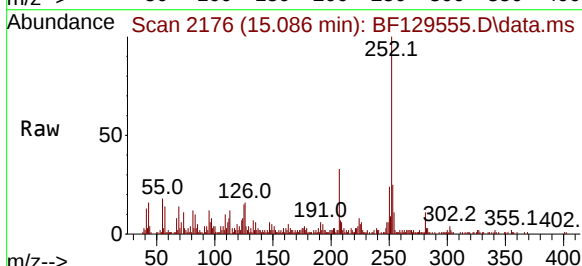
Tgt Ion:252 Resp: 51092

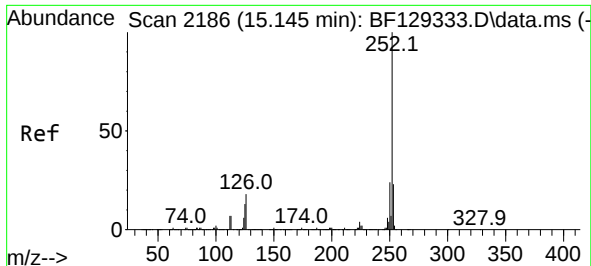
Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 15.4 8.0 12.0#

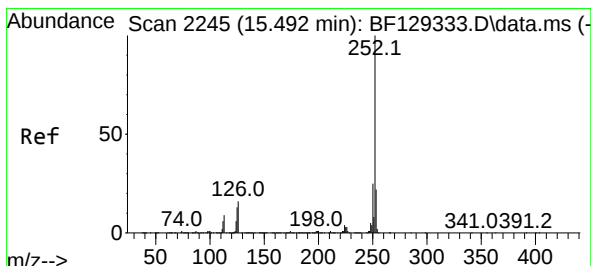
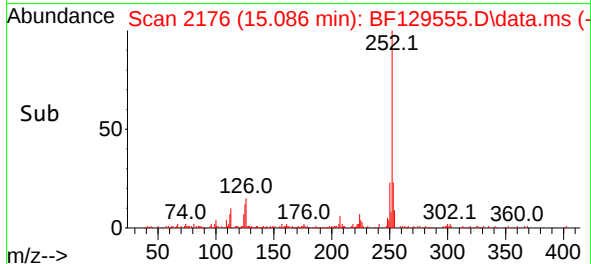
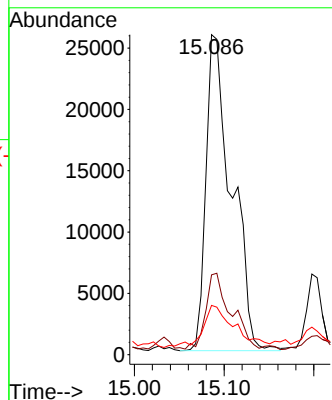
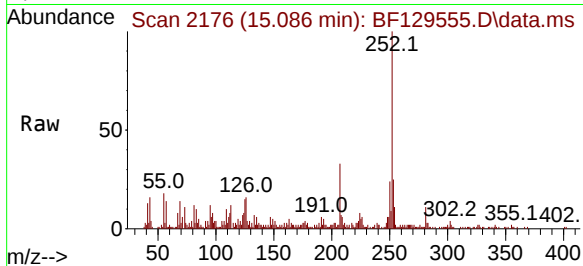




#89
Benzo(k)fluoranthene
Concen: 3.174 ng
RT: 15.086 min Scan# 2186
Delta R.T. -0.035 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Instrument :
BNA_F
ClientSampleId :
RVE-99D

Tgt Ion:252 Resp: 51092
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 15.4 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.122 ng
RT: 15.462 min Scan# 2240
Delta R.T. -0.006 min
Lab File: BF129555.D
Acq: 03 Aug 2022 23:17

Tgt Ion:252 Resp: 28299
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.8 8.8 13.2#

