

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129460.D
 Acq On : 30 Jul 2022 01:05
 Operator : CG\JU
 Sample : N3894-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

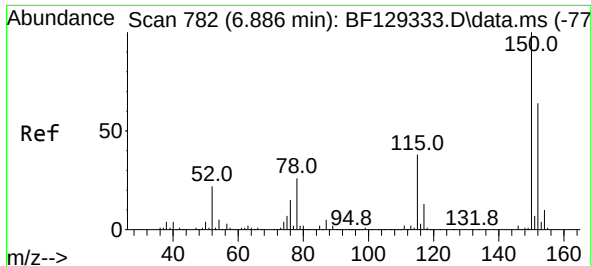
Instrument :
 BNA_F
 ClientSampleId :
 RVE-28

Quant Time: Jul 30 02:03:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	173034	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	655304	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	321726	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	443833	20.000	ng	0.00
76) Chrysene-d12	14.062	240	333354	20.000	ng	0.00
86) Perylene-d12	15.557	264	335933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	926255	87.201	ng	0.02
7) Phenol-d6	6.528	99	1190393	89.159	ng	0.01
23) Nitrobenzene-d5	7.445	82	854933	71.218	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	239589	77.458	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1507631	72.491	ng	0.00
79) Terphenyl-d14	13.004	244	1101631	62.346	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	113850	14.085	ng	# 74
25) Isophorone	7.445	82	849708	39.488	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	42934	8.637	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	42934	6.611	ng	# 22
67) 4-Bromophenyl-phenylether	10.716	248	15515	3.192	ng	# 1
71) Phenanthrene	11.439	178	51685	2.133	ng	97
75) Fluoranthene	12.627	202	90306	3.679	ng	98
78) Pyrene	12.863	202	96006	3.444	ng	98
83) Chrysene	14.051	228	43817	2.042	ng	97
88) Benzo(b)fluoranthene	15.115	252	104867	4.706	ng	# 97
89) Benzo(k)fluoranthene	15.115	252	104867	4.802	ng	# 97
90) Benzo(a)pyrene	15.492	252	46316	2.560	ng	# 92

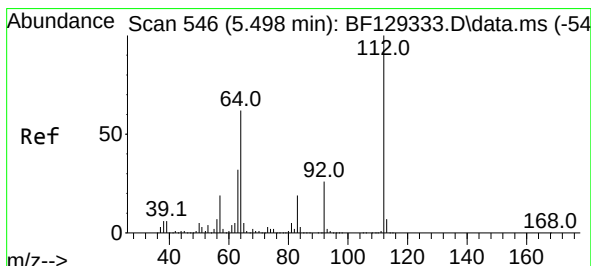
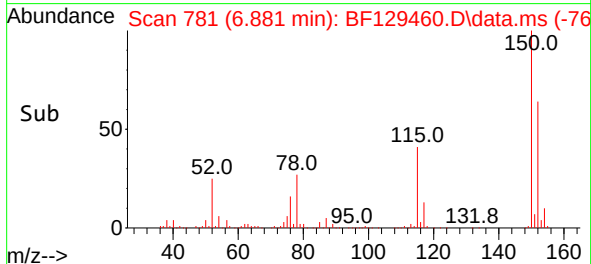
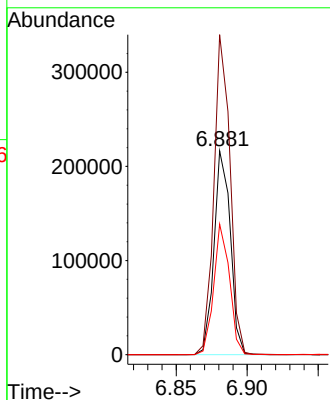
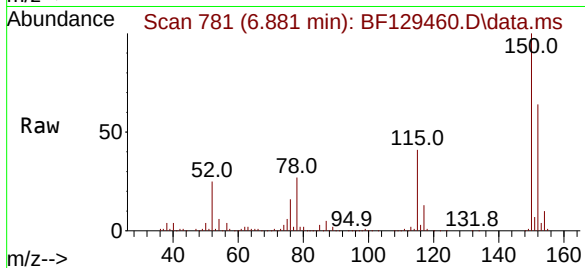
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129460.D
 Acq: 30 Jul 2022 01:05

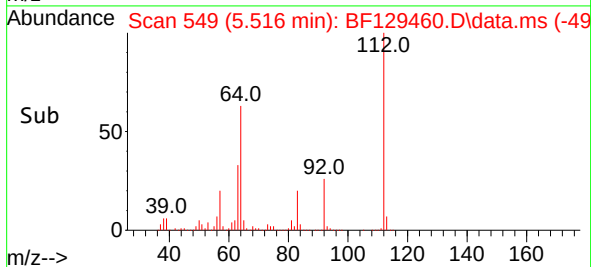
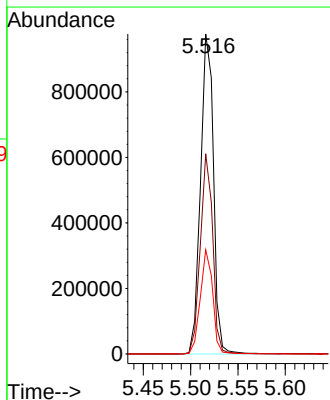
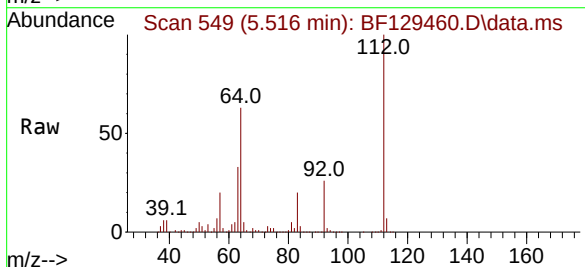
Instrument :
 BNA_F
 ClientSampleId :
 RVE-28

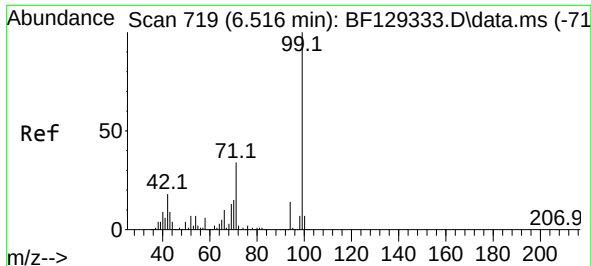
Tgt Ion:152 Resp: 173034
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 64.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 87.201 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129460.D
 Acq: 30 Jul 2022 01:05

Tgt Ion:112 Resp: 926255
 Ion Ratio Lower Upper
 112 100
 64 62.5 53.3 79.9
 63 32.6 28.0 42.0



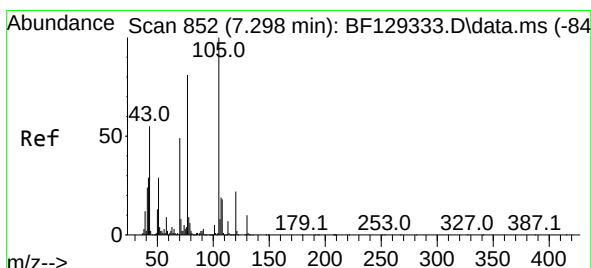
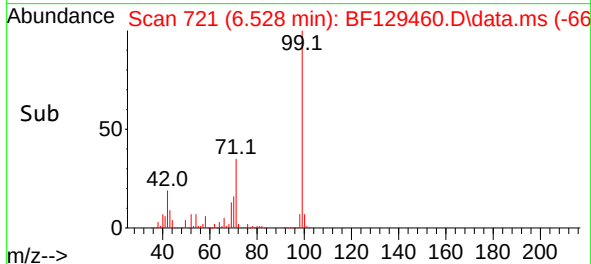
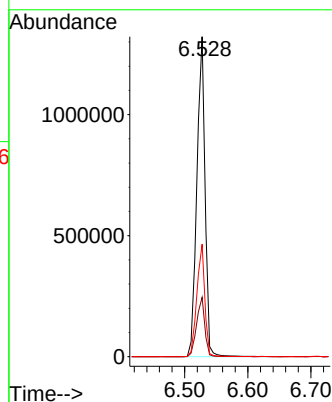
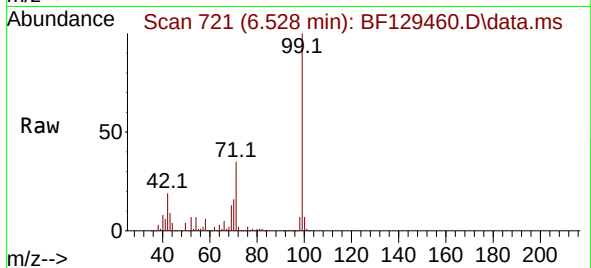


#7
Phenol-d6
Concen: 89.159 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-28

Tgt Ion: 99 Resp: 1190393

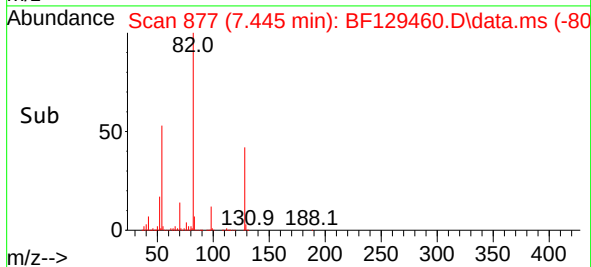
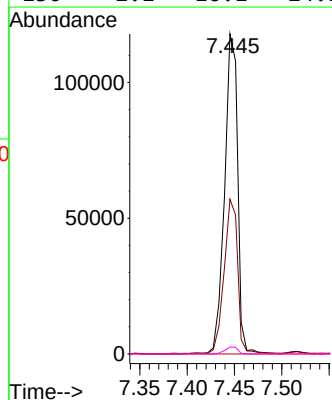
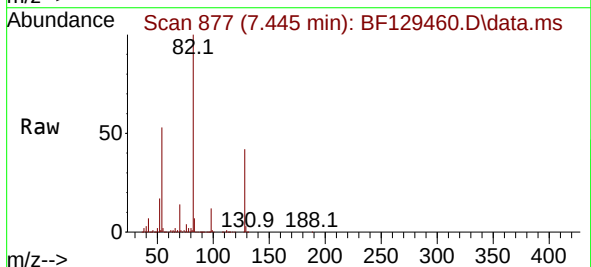
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.3	25.9
71	35.1	28.9	43.3

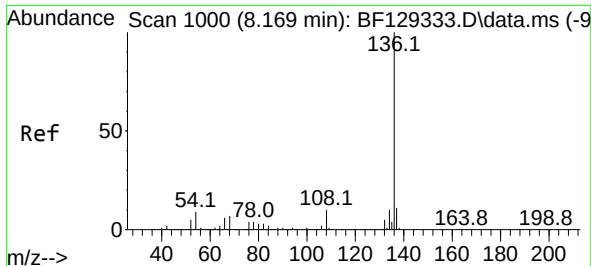


#19
n-Nitroso-di-n-propylamine
Concen: 14.085 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Tgt Ion: 70 Resp: 113850

Ion	Ratio	Lower	Upper
70	100		
42	48.4	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#

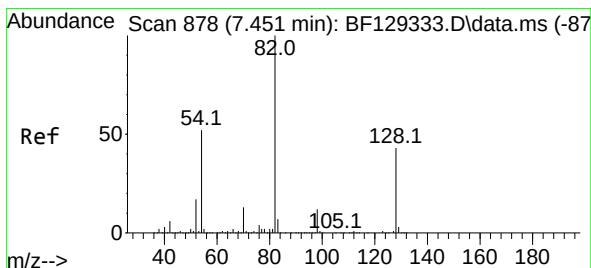
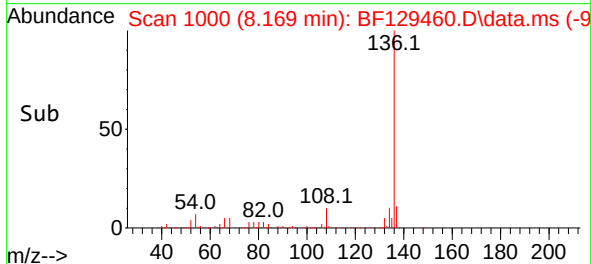
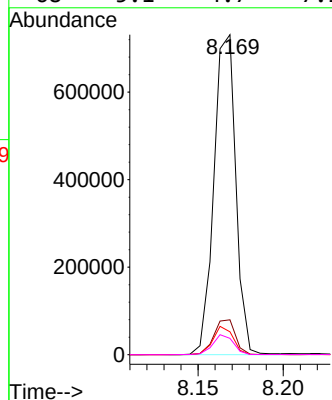
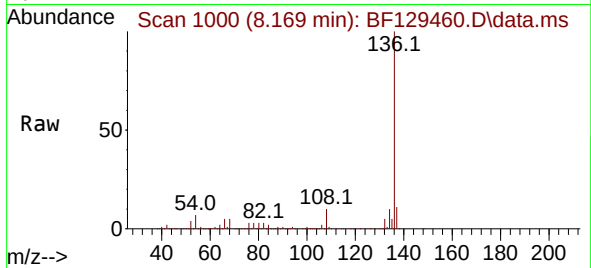




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

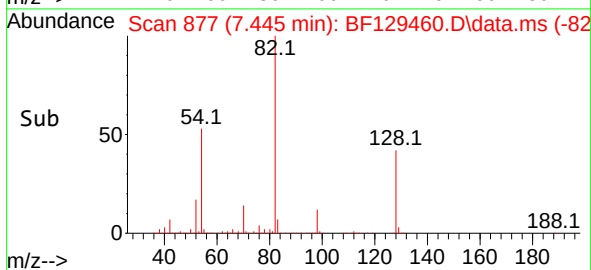
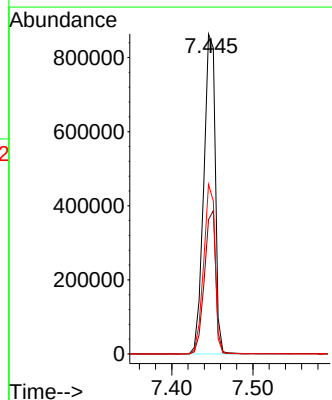
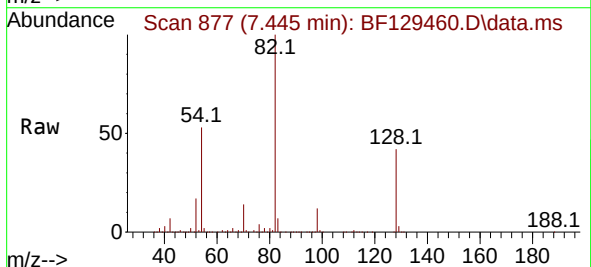
Instrument :
BNA_F
ClientSampleId :
RVE-28

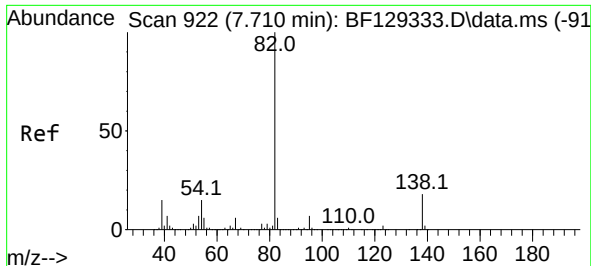
Tgt Ion:136 Resp: 655304
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.1 7.5 11.3#
68 5.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 71.218 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Tgt Ion: 82 Resp: 854933
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 53.0 46.9 70.3

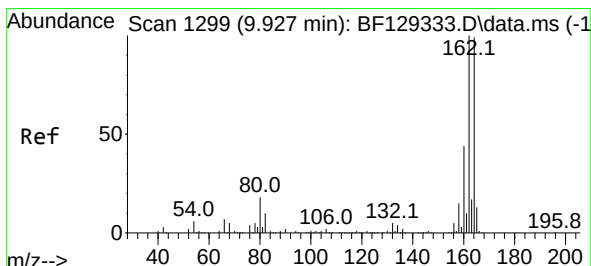
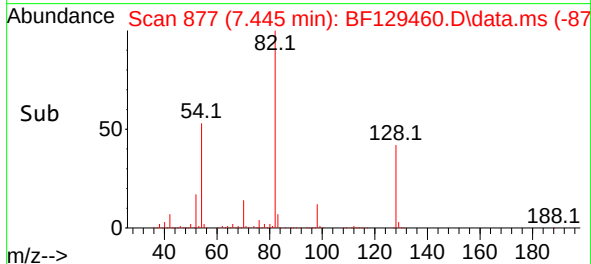
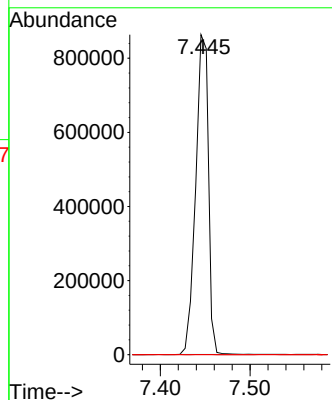
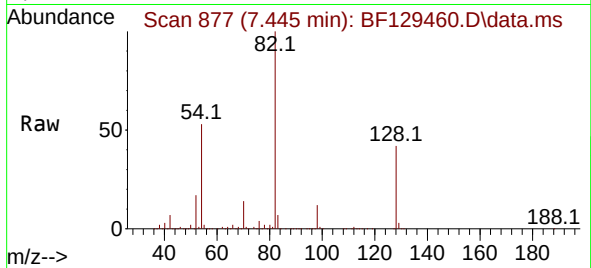




#25
Isophorone
Concen: 39.488 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

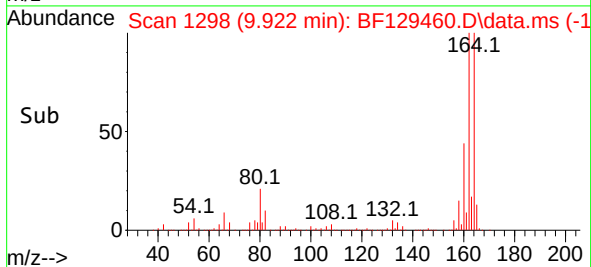
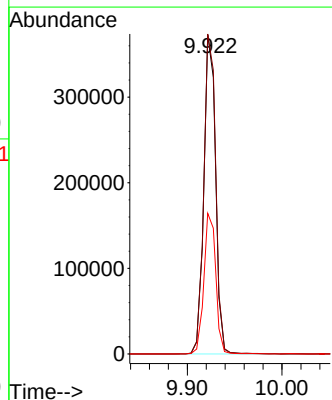
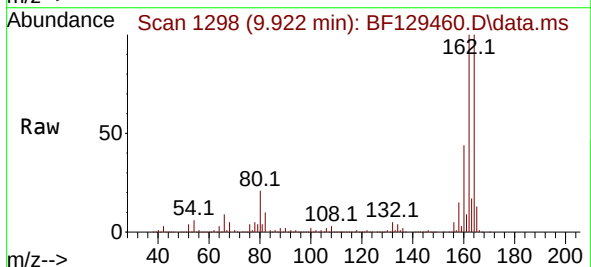
Instrument :
BNA_F
ClientSampleId :
RVE-28

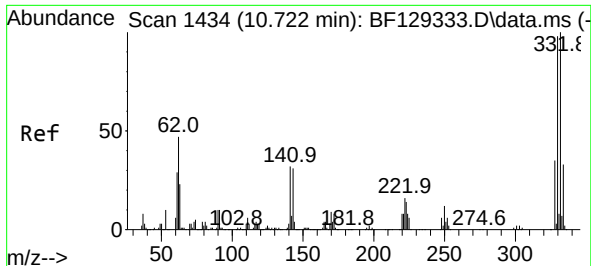
Tgt Ion: 82 Resp: 849708
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Tgt Ion: 164 Resp: 321726
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 77.458 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-28

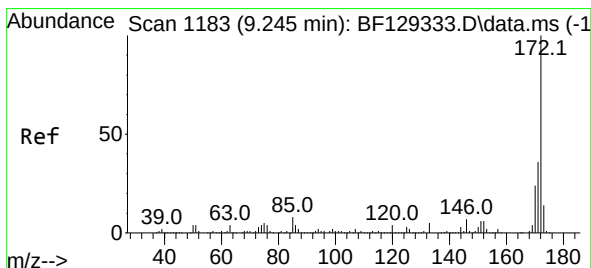
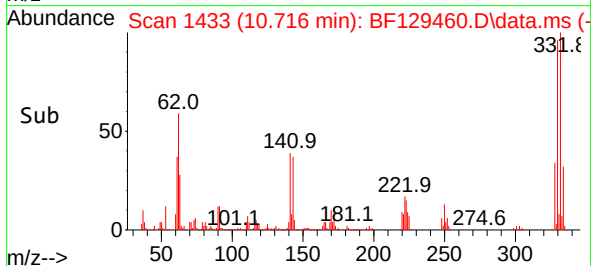
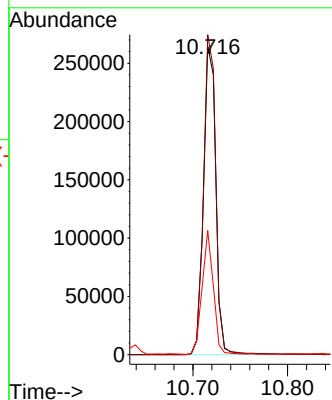
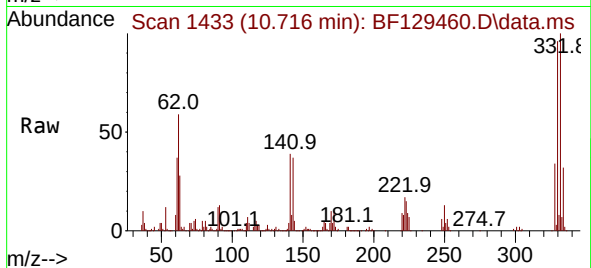
Tgt Ion:330 Resp: 239589

Ion Ratio Lower Upper

330 100

332 102.7 76.8 115.2

141 36.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.491 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

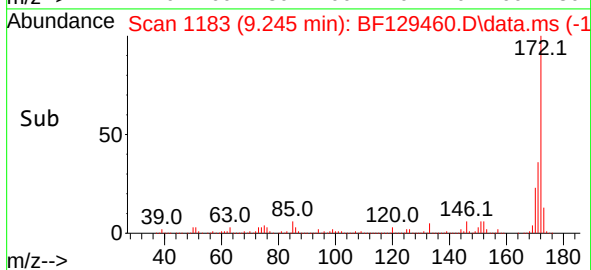
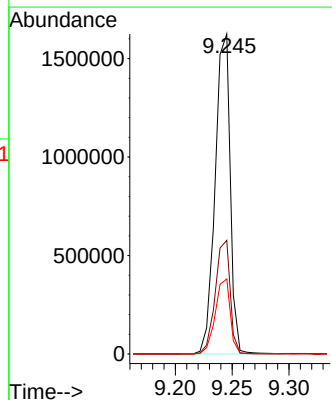
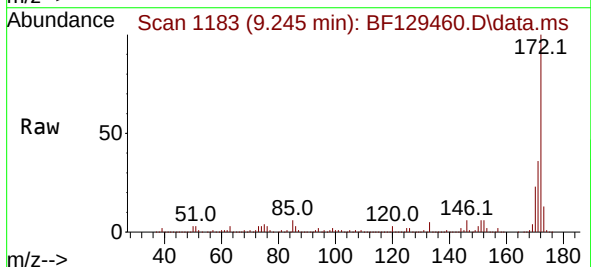
Tgt Ion:172 Resp: 1507631

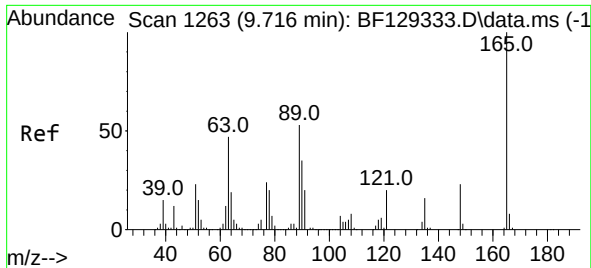
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.637 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-28

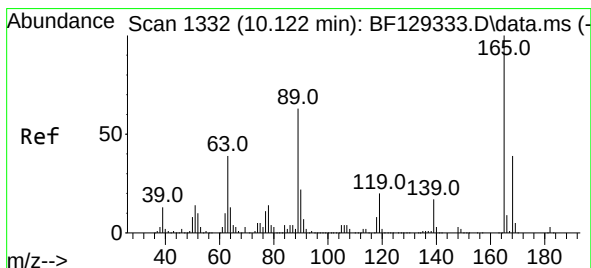
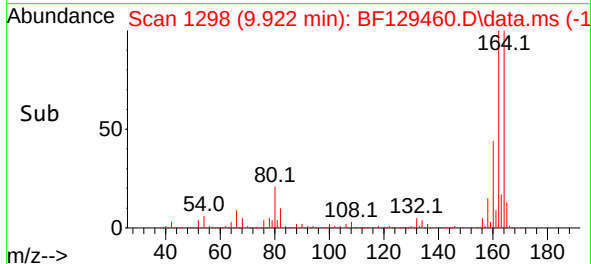
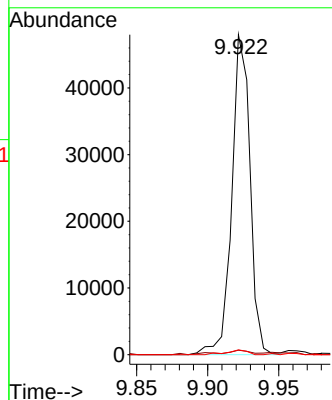
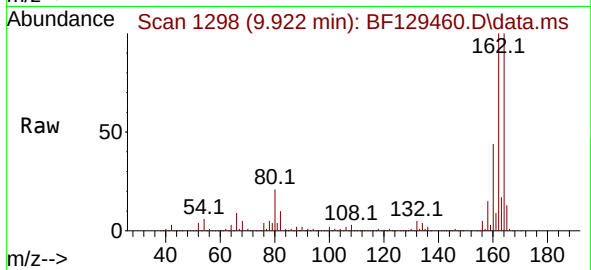
Tgt Ion:165 Resp: 42934

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.611 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Tgt Ion:165 Resp: 42934

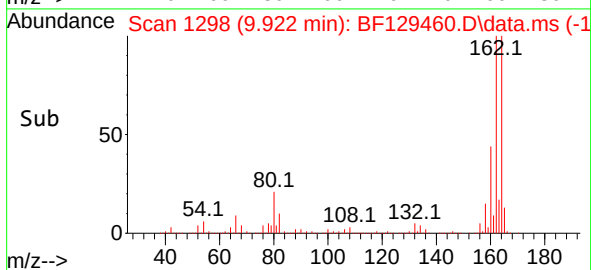
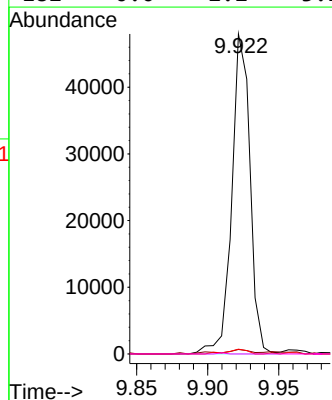
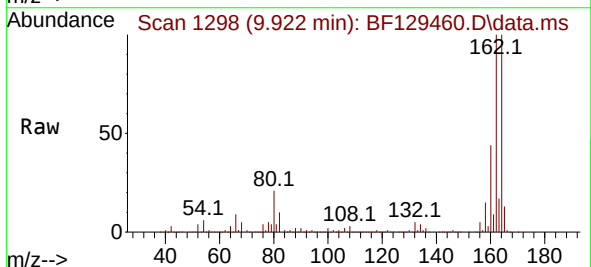
Ion Ratio Lower Upper

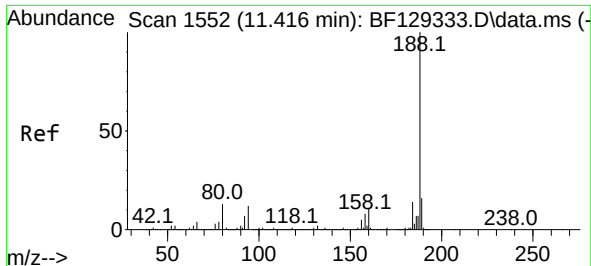
165 100

63 1.4 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

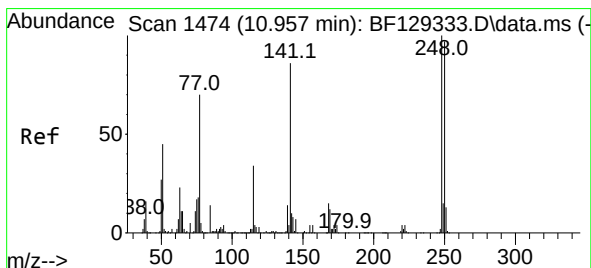
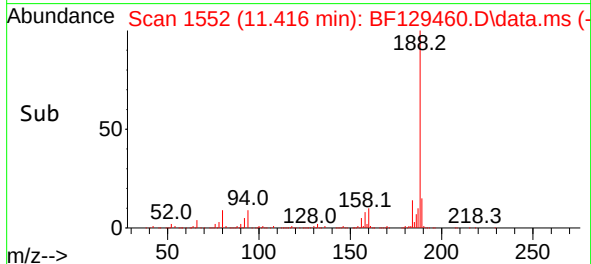
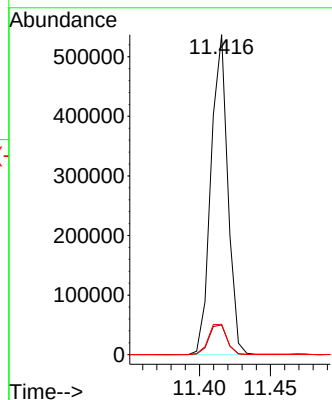
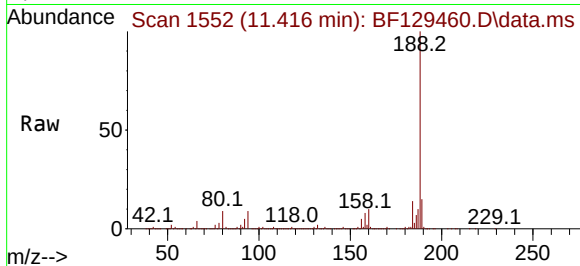




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

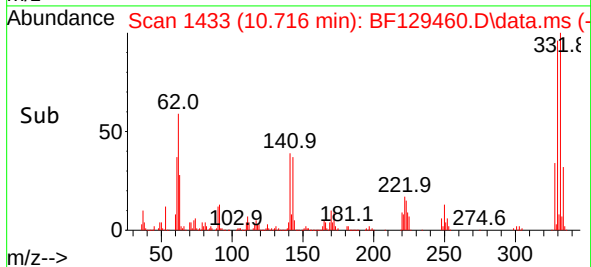
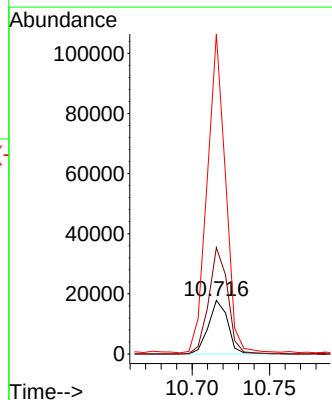
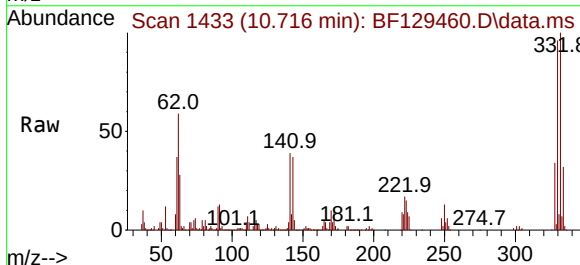
Instrument :
BNA_F
ClientSampleId :
RVE-28

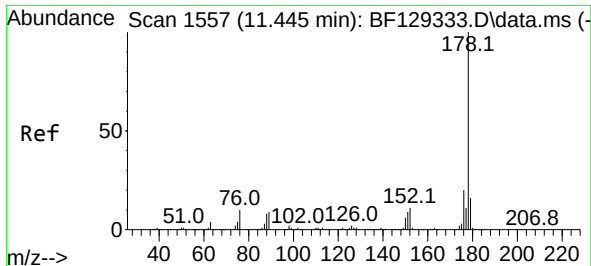
Tgt Ion:188 Resp: 443833
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.192 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Tgt Ion:248 Resp: 15515
Ion Ratio Lower Upper
248 100
250 198.7 80.6 120.8#
141 597.0 58.9 88.3#

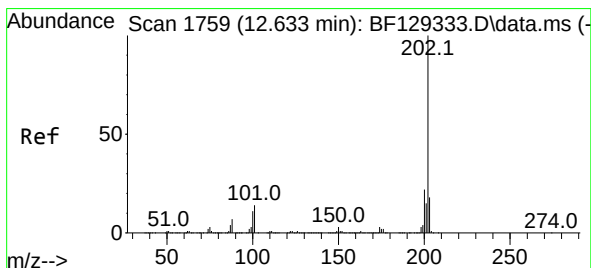
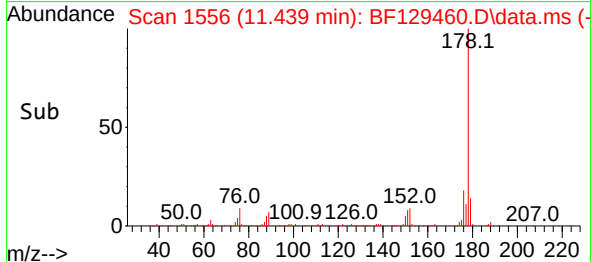
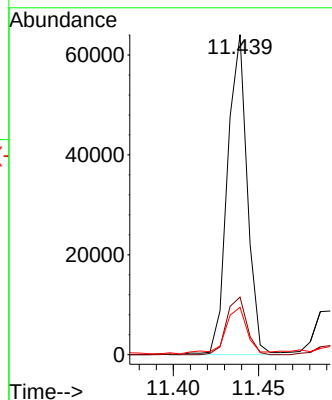
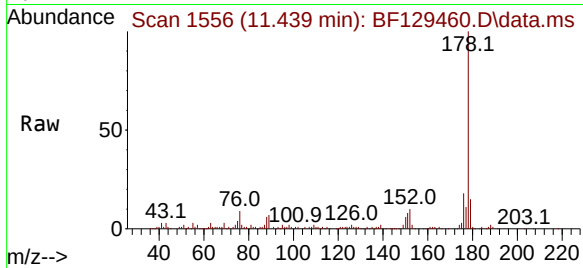




#71
Phenanthrene
Concen: 2.133 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

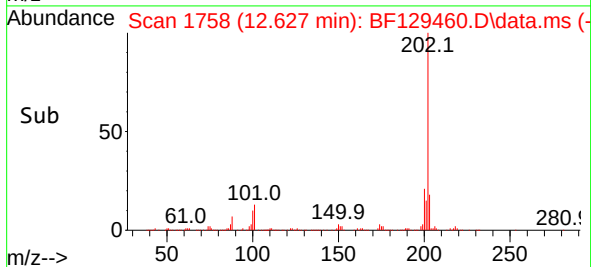
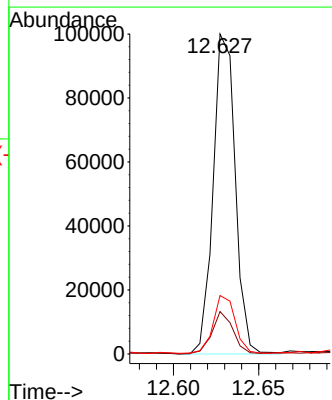
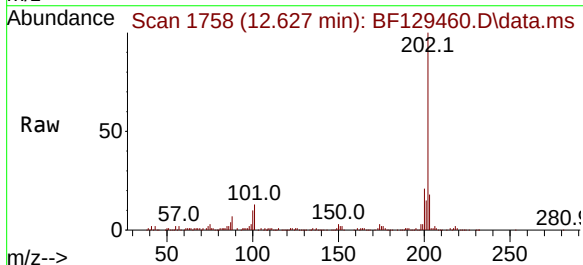
Instrument :
BNA_F
ClientSampleId :
RVE-28

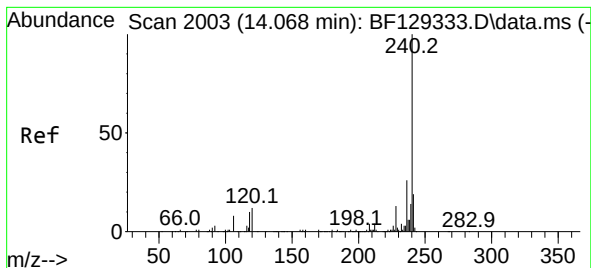
Tgt Ion:178 Resp: 51685
Ion Ratio Lower Upper
178 100
176 18.0 16.0 24.0
179 14.8 12.6 19.0



#75
Fluoranthene
Concen: 3.679 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Tgt Ion:202 Resp: 90306
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.4
203 18.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-28

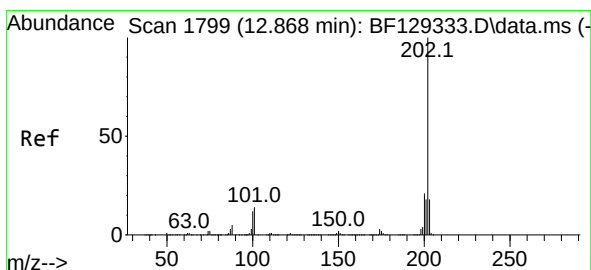
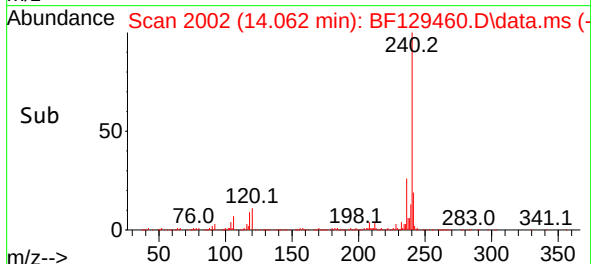
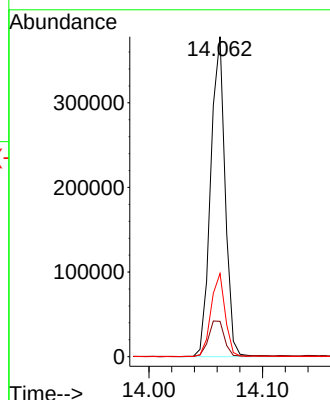
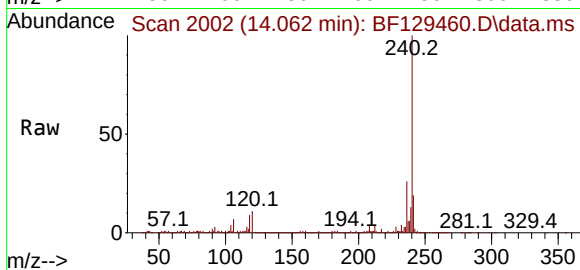
Tgt Ion:240 Resp: 333354

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

236 26.0 20.8 31.2



#78

Pyrene

Concen: 3.444 ng

RT: 12.863 min Scan# 1798

Delta R.T. -0.006 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

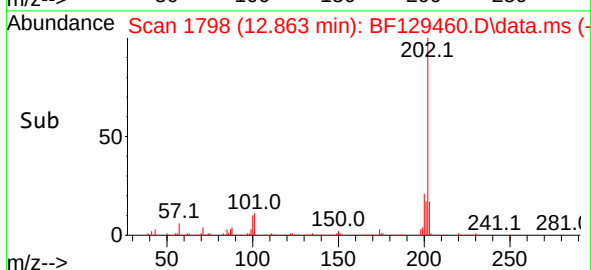
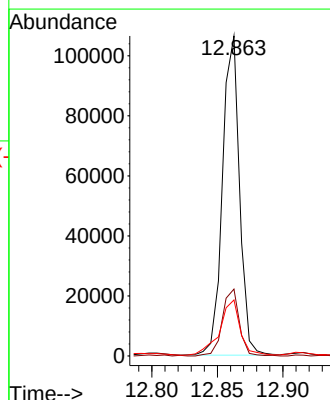
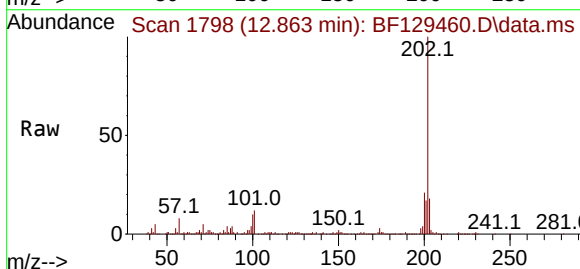
Tgt Ion:202 Resp: 96006

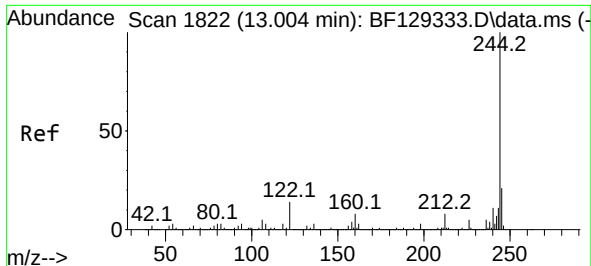
Ion Ratio Lower Upper

202 100

200 20.9 17.7 26.5

203 17.5 14.6 21.8

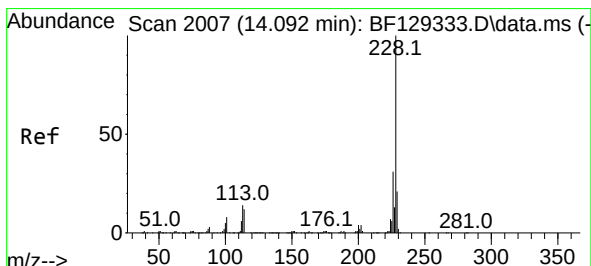
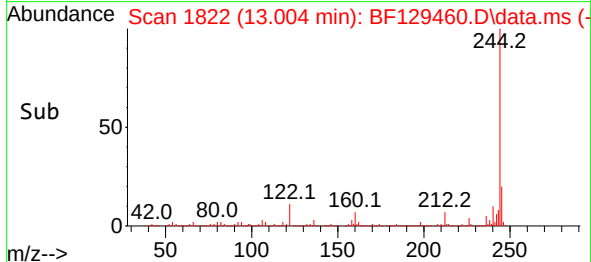
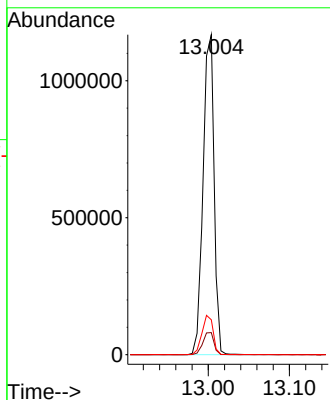
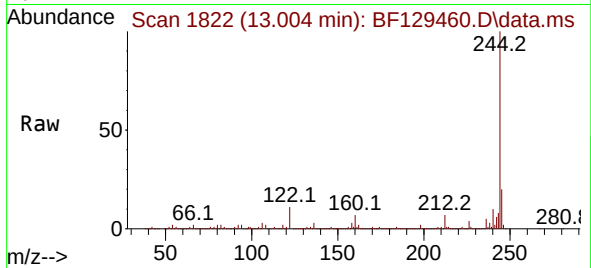




#79
 Terphenyl-d14
 Concen: 62.346 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF129460.D
 Acq: 30 Jul 2022 01:05

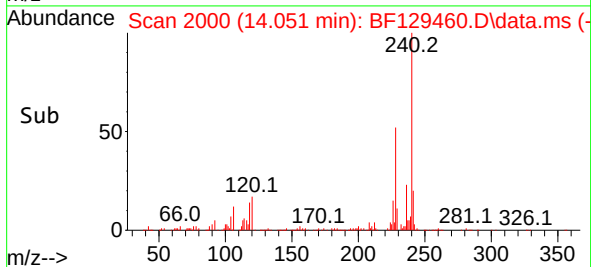
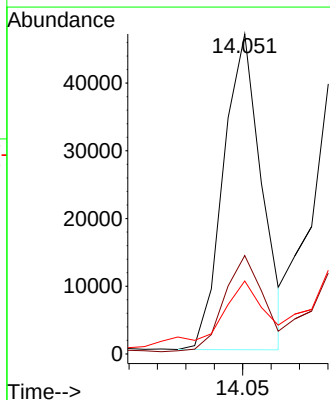
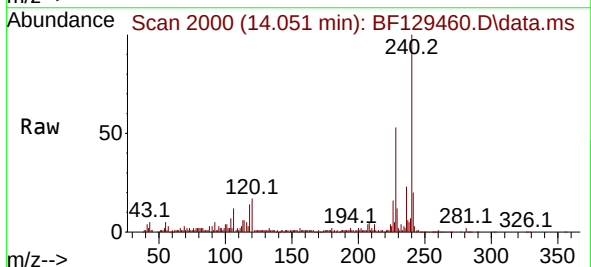
Instrument :
 BNA_F
 ClientSampleId :
 RVE-28

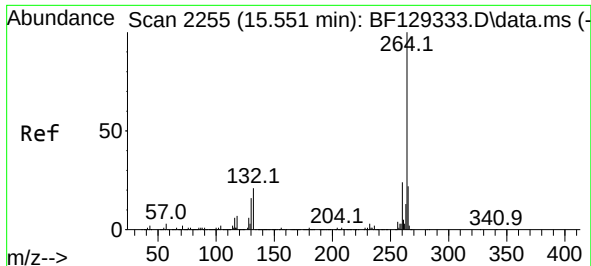
Tgt Ion:244 Resp: 1101631
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 10.9 8.8 13.2



#83
 Chrysene
 Concen: 2.042 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. -0.041 min
 Lab File: BF129460.D
 Acq: 30 Jul 2022 01:05

Tgt Ion:228 Resp: 43817
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 22.8 15.9 23.9



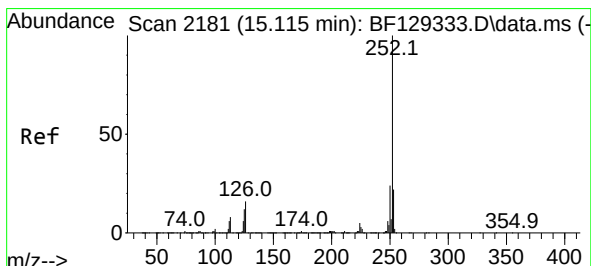
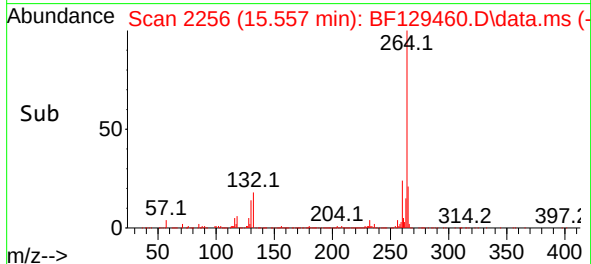
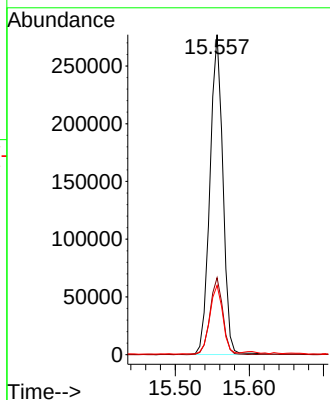
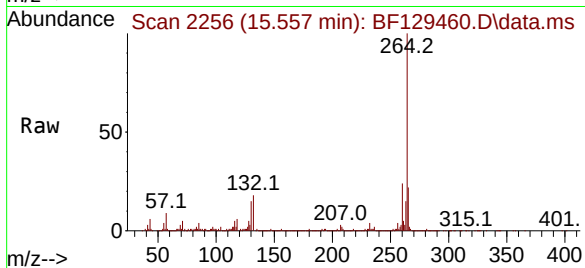


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2181
Delta R.T. 0.006 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Instrument :
BNA_F
ClientSampleId :
RVE-28

Tgt Ion:264 Resp: 335933

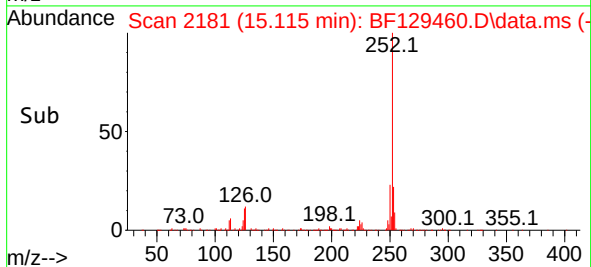
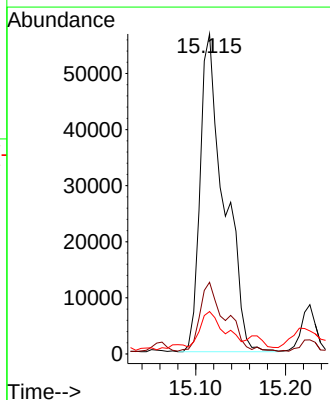
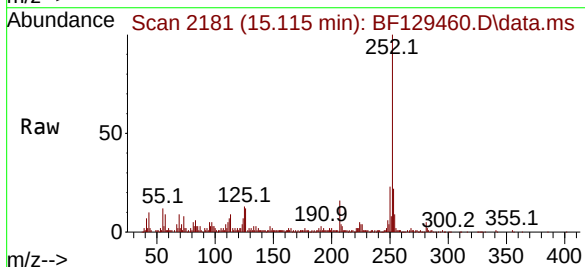
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.7	17.2	25.8

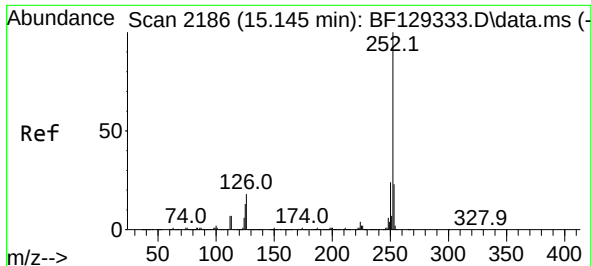


#88
Benzo(b)fluoranthene
Concen: 4.706 ng
RT: 15.115 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129460.D
Acq: 30 Jul 2022 01:05

Tgt Ion:252 Resp: 104867

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	13.3	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 4.802 ng

RT: 15.115 min Scan# 2186

Delta R.T. -0.029 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Instrument :

BNA_F

ClientSampleId :

RVE-28

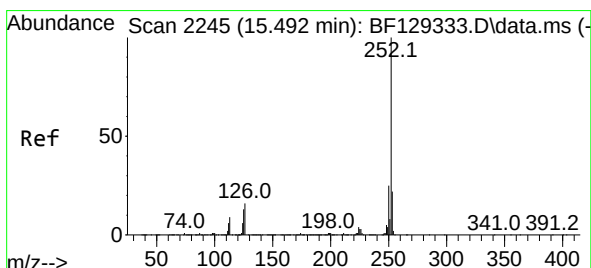
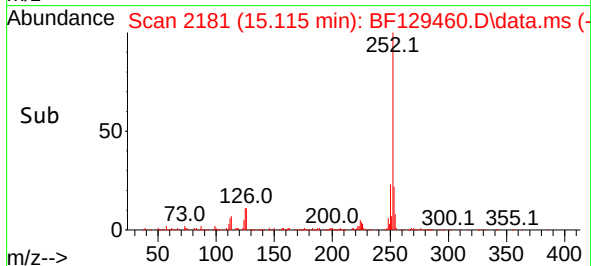
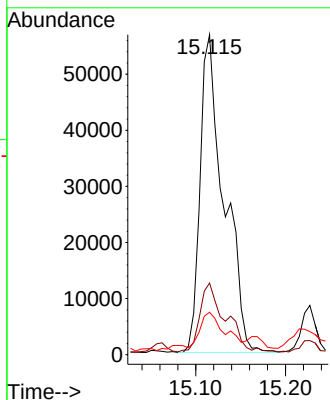
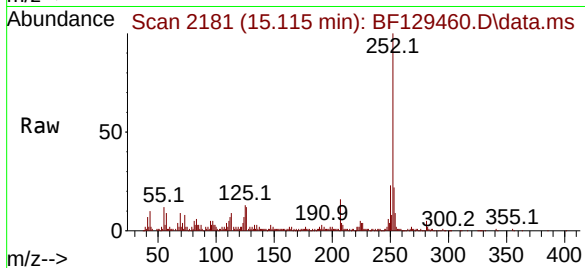
Tgt Ion:252 Resp: 104867

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 13.3 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.560 ng

RT: 15.492 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF129460.D

Acq: 30 Jul 2022 01:05

Tgt Ion:252 Resp: 46316

Ion Ratio Lower Upper

252 100

253 25.4 17.0 25.6

125 14.1 8.8 13.2#

