

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129423.D
 Acq On : 28 Jul 2022 23:03
 Operator : CG\JU
 Sample : N3893-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-18

Quant Time: Jul 29 02:10:14 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)

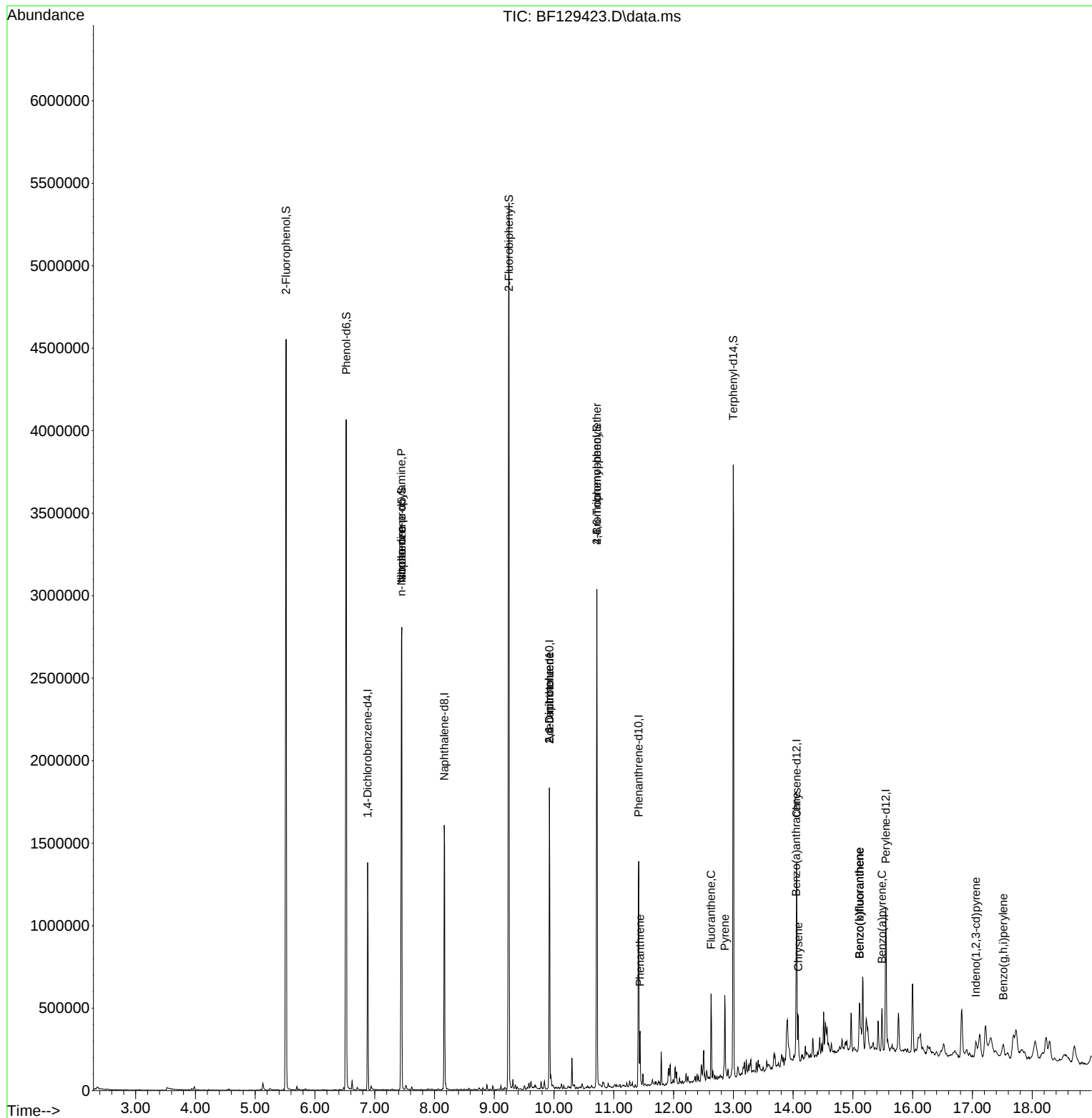
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	186482	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	712270	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	348388	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	479481	20.000	ng	0.00
76) Chrysene-d12	14.057	240	345625	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	345194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1220634	106.628	ng	0.02
7) Phenol-d6	6.522	99	1542654	107.211	ng	0.00
23) Nitrobenzene-d5	7.451	82	976763	74.859	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	325418	97.154	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1712397	76.036	ng	0.00
79) Terphenyl-d14	12.998	244	1281473	69.949	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.446	70	130101	14.935	ng	# 73
25) Isophorone	7.451	82	976752	41.762	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	45792	8.507	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	45792	6.512	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	20879	3.977	ng	# 1
71) Phenanthrene	11.439	178	120843	4.617	ng	98
75) Fluoranthene	12.628	202	176957	6.673	ng	99
78) Pyrene	12.857	202	188723	6.530	ng	100
81) Benzo(a)anthracene	14.051	228	114501	4.850	ng	93
83) Chrysene	14.086	228	118890	5.343	ng	97
87) Indeno(1,2,3-cd)pyrene	17.057	276	61340	2.639	ng	95
88) Benzo(b)fluoranthene	15.110	252	213634	9.330	ng	# 97
89) Benzo(k)fluoranthene	15.110	252	213634	9.521	ng	# 98
90) Benzo(a)pyrene	15.486	252	111919	6.021	ng	97
92) Benzo(g,h,i)perylene	17.515	276	62807	3.249	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129423.D
Acq On : 28 Jul 2022 23:03
Operator : CG\JU
Sample : N3893-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-18

Quant Time: Jul 29 02:10:14 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

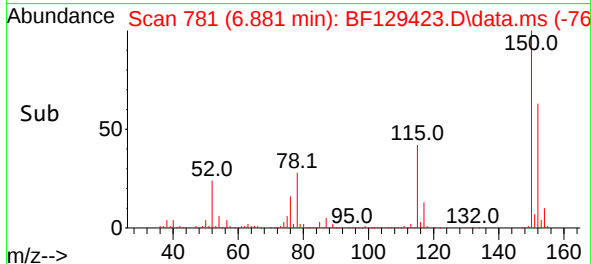
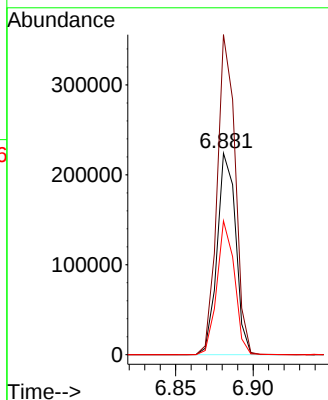
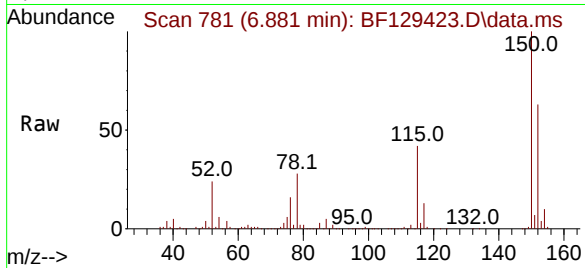




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129423.D
 Acq: 28 Jul 2022 23:03

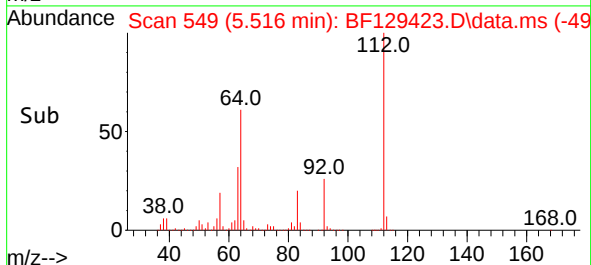
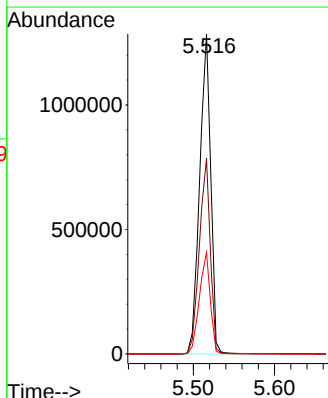
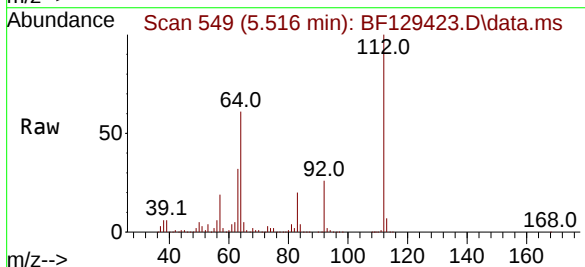
Instrument :
 BNA_F
 ClientSampleId :
 RVE-18

Tgt Ion:152 Resp: 186482
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.7 185.5
 115 66.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 106.628 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.018 min
 Lab File: BF129423.D
 Acq: 28 Jul 2022 23:03

Tgt Ion:112 Resp: 1220634
 Ion Ratio Lower Upper
 112 100
 64 61.1 53.3 79.9
 63 31.7 28.0 42.0



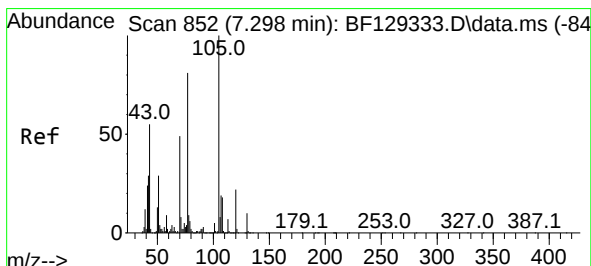
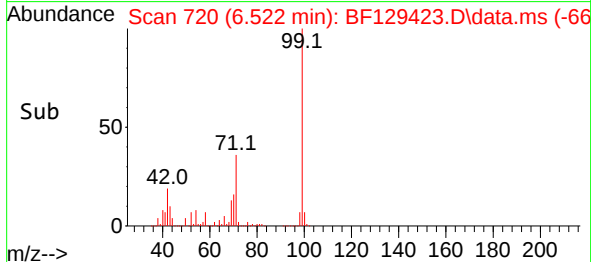
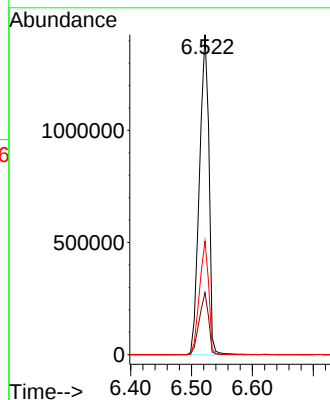
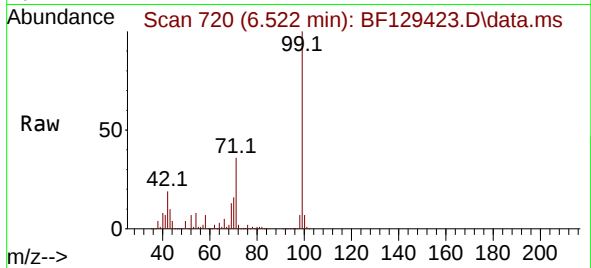


#7
Phenol-d6
Concen: 107.211 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Instrument :
BNA_F
ClientSampleId :
RVE-18

Tgt Ion: 99 Resp: 1542654

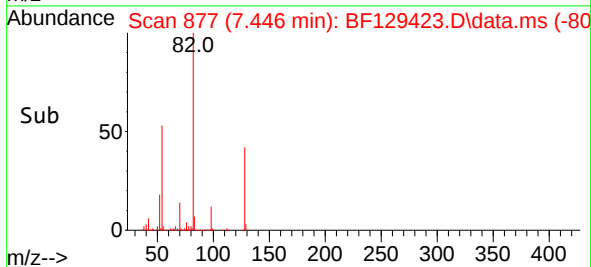
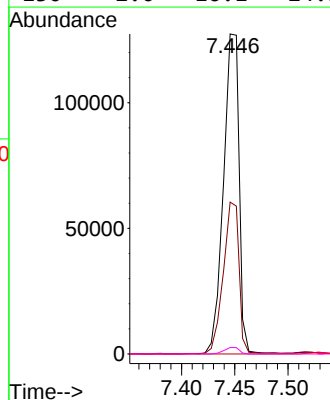
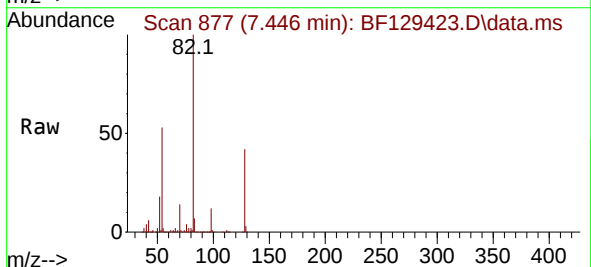
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	35.5	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.935 ng
RT: 7.446 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion: 70 Resp: 130101

Ion	Ratio	Lower	Upper
70	100		
42	47.4	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



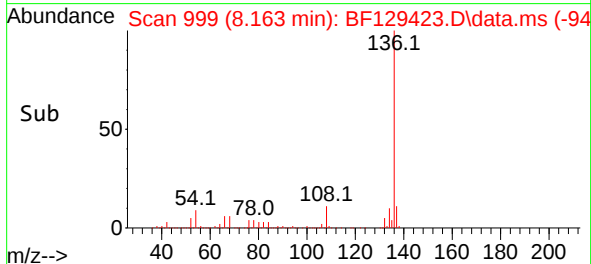
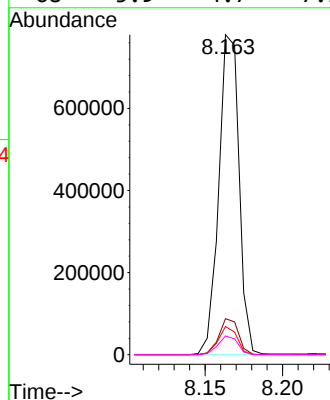
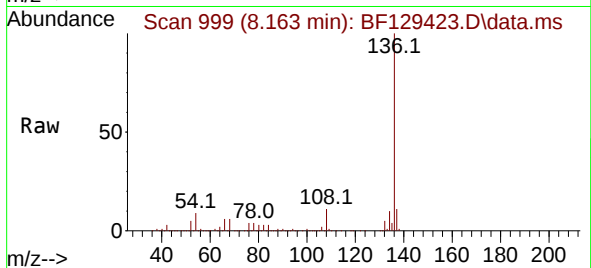


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Instrument :
BNA_F
ClientSampleId :
RVE-18

Tgt Ion:136 Resp: 712270

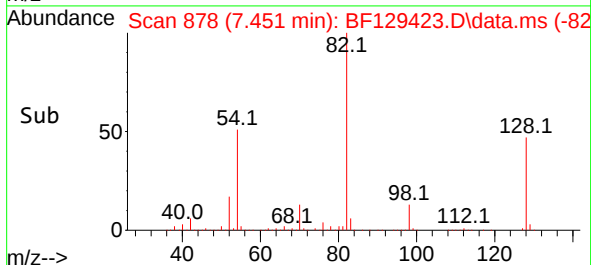
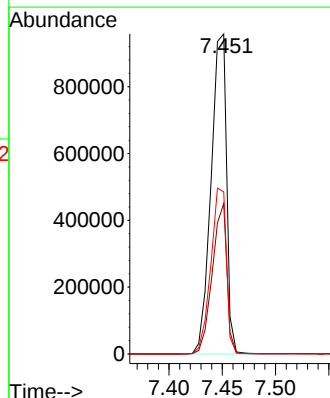
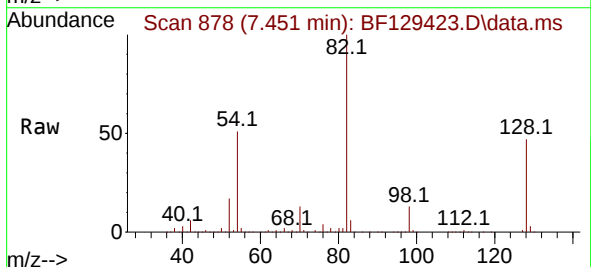
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.8	7.5	11.3
68	5.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 74.859 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion: 82 Resp: 976763

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	50.6	46.9	70.3

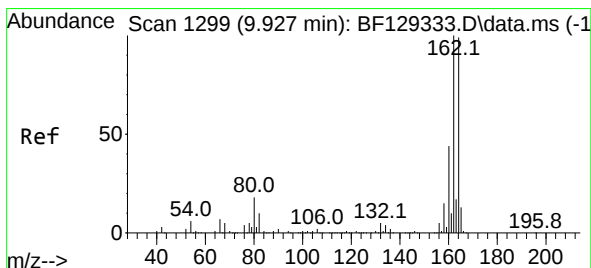
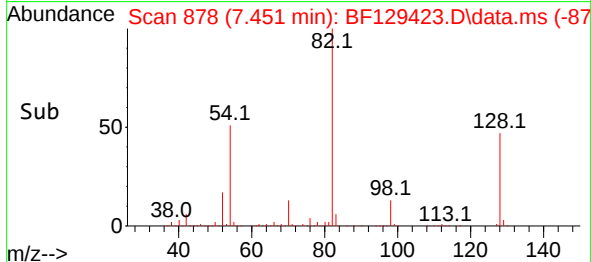
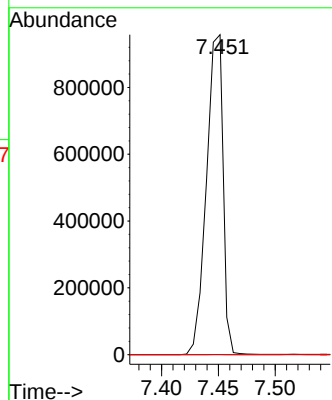
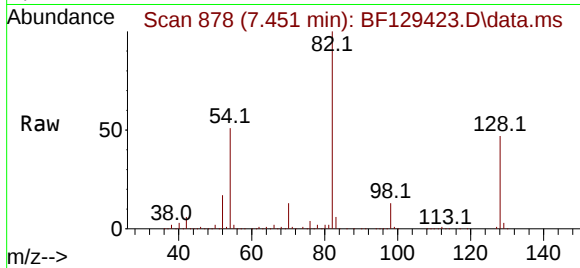




#25
Isophorone
Concen: 41.762 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

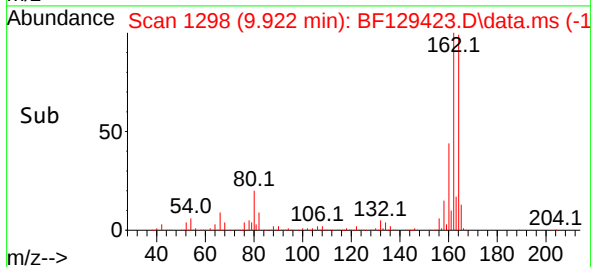
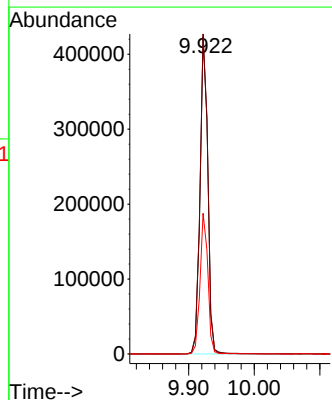
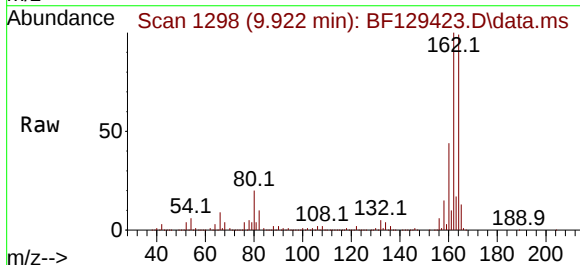
Instrument :
BNA_F
ClientSampleId :
RVE-18

Tgt Ion: 82 Resp: 976752
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: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion:164 Resp: 348388
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 44.3 34.2 51.4

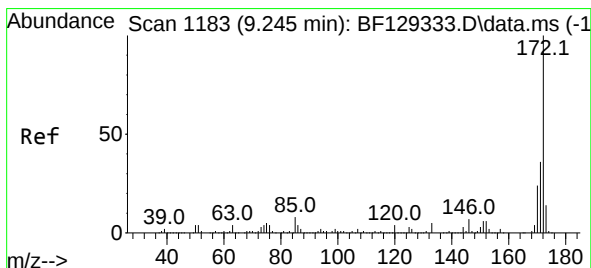
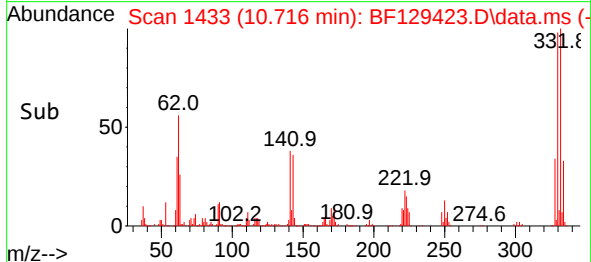
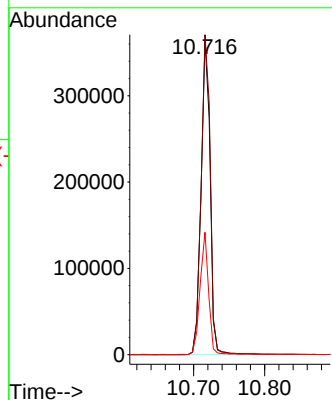
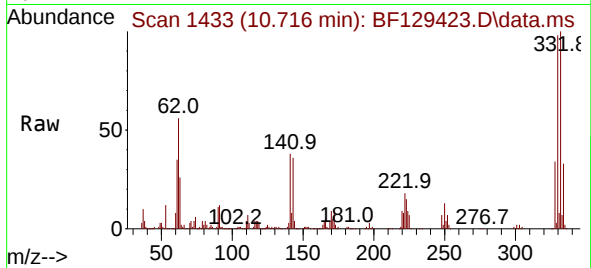




#42
2,4,6-Tribromophenol
Concen: 97.154 ng
RT: 10.716 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

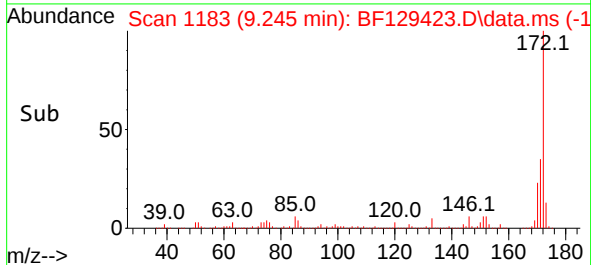
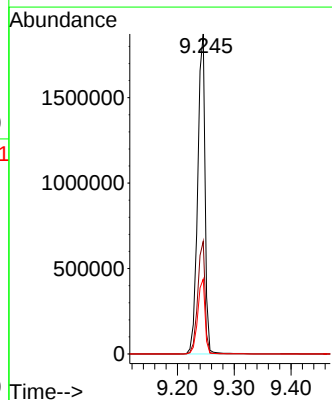
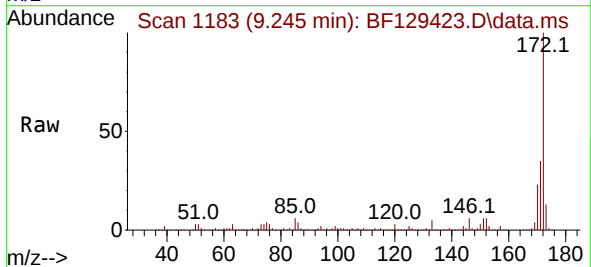
Instrument :
BNA_F
ClientSampleId :
RVE-18

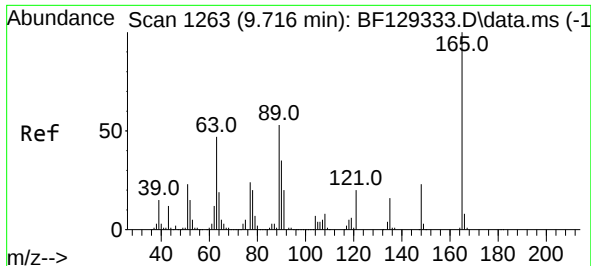
Tgt Ion:330 Resp: 325418
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 36.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 76.036 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion:172 Resp: 1712397
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.507 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129423.D

Acq: 28 Jul 2022 23:03

Instrument :

BNA_F

ClientSampleId :

RVE-18

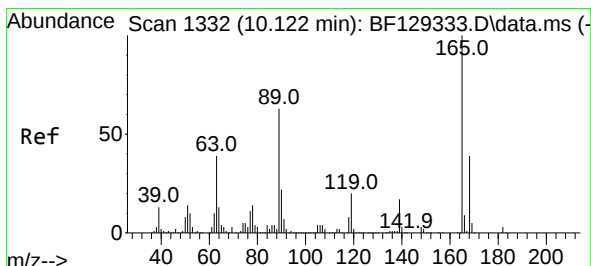
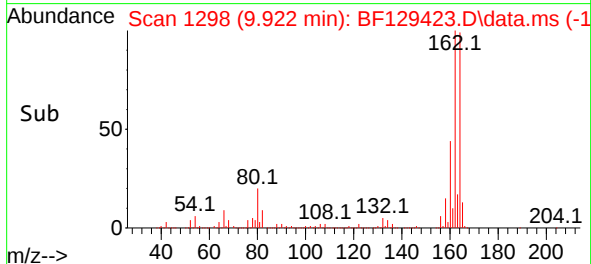
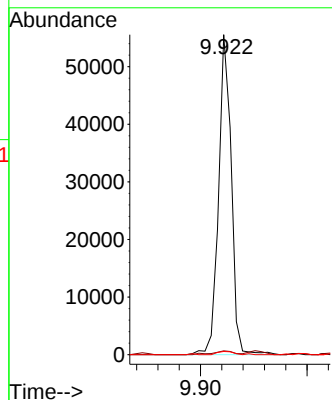
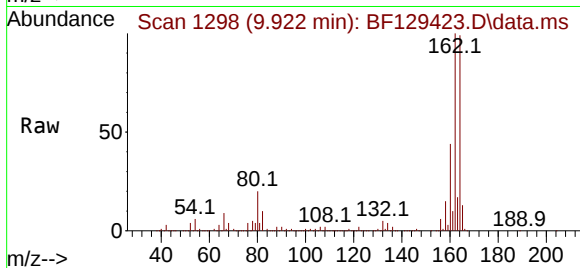
Tgt Ion:165 Resp: 45792

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.0 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.512 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129423.D

Acq: 28 Jul 2022 23:03

Tgt Ion:165 Resp: 45792

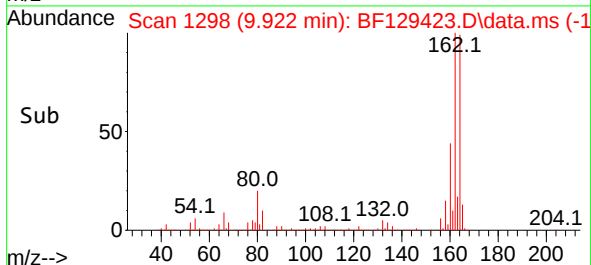
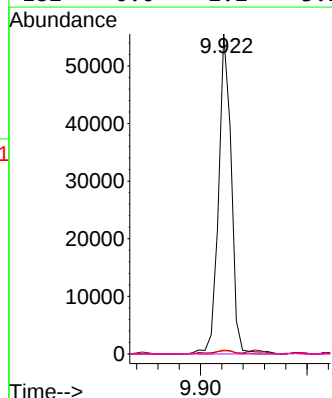
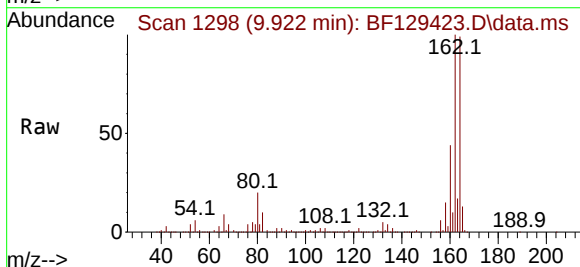
Ion Ratio Lower Upper

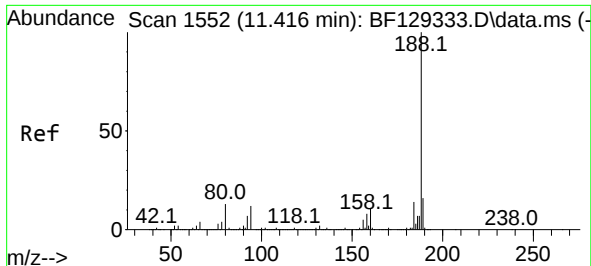
165 100

63 1.2 39.8 59.6#

89 1.0 60.2 90.2#

182 0.0 2.2 3.2#

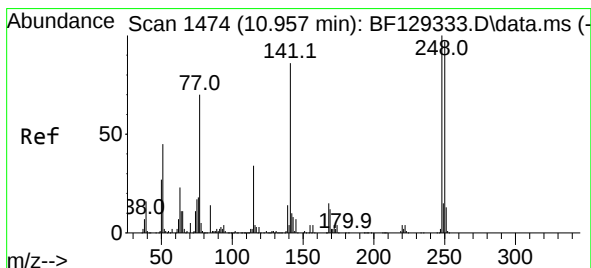
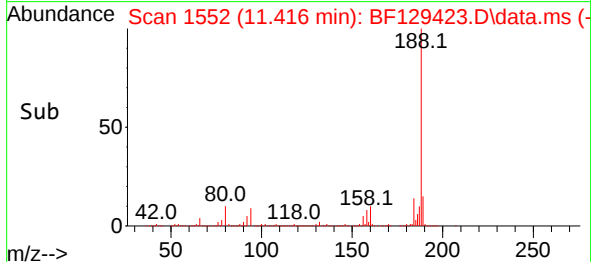
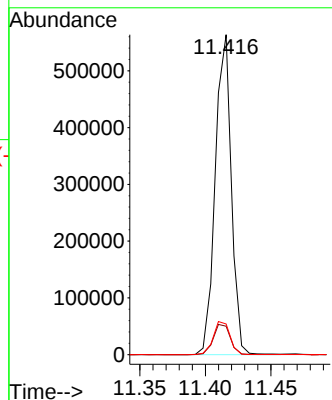
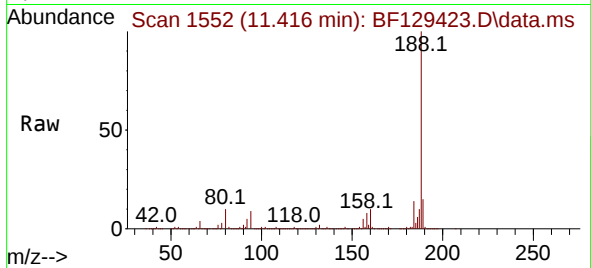




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

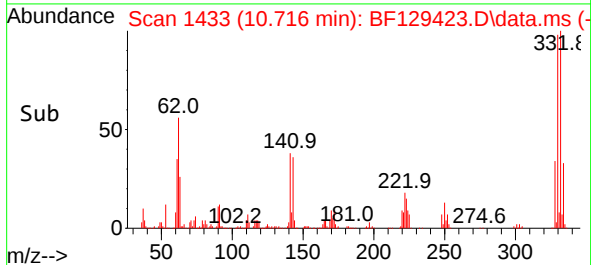
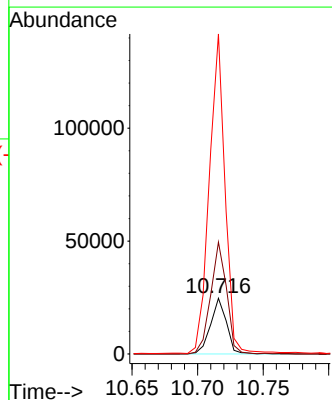
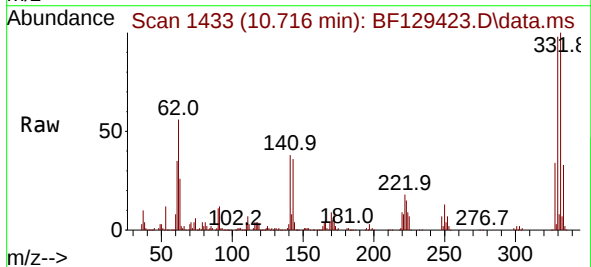
Instrument :
BNA_F
ClientSampleId :
RVE-18

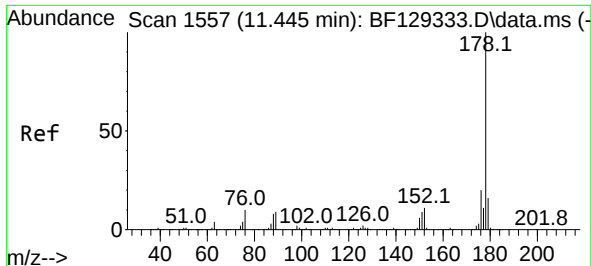
Tgt Ion:188 Resp: 479481
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.6
80 9.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.977 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion:248 Resp: 20879
Ion Ratio Lower Upper
248 100
250 200.9 80.6 120.8#
141 574.8 58.9 88.3#

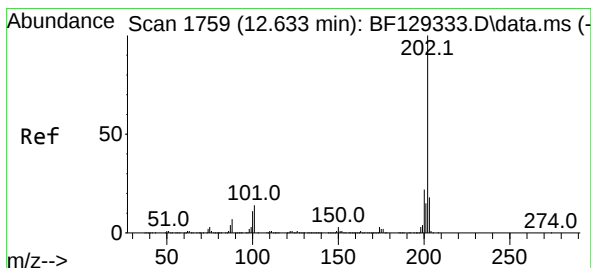
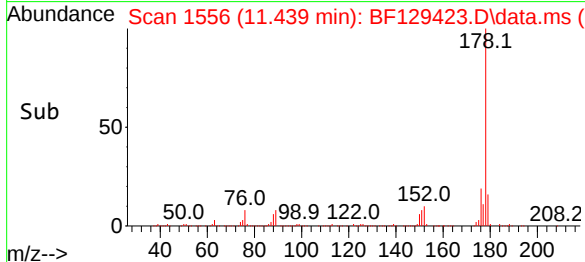
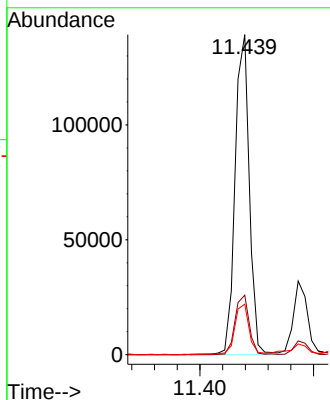
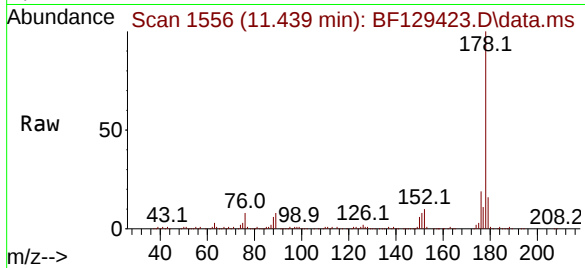




#71
Phenanthrene
Concen: 4.617 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

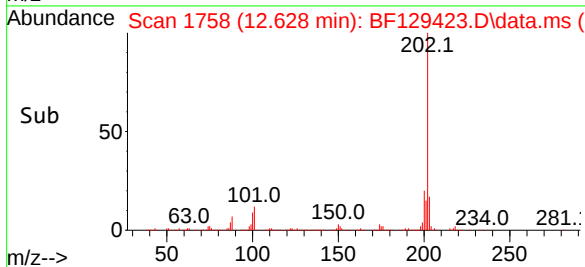
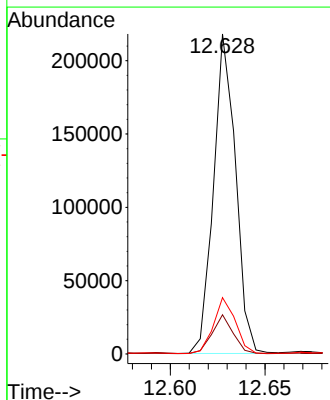
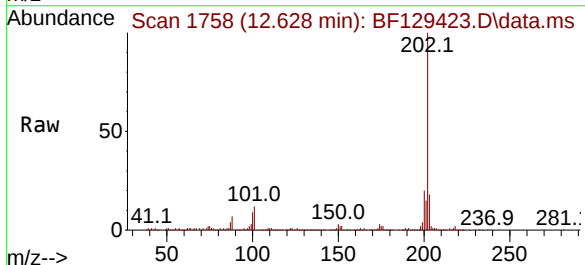
Instrument :
BNA_F
ClientSampleId :
RVE-18

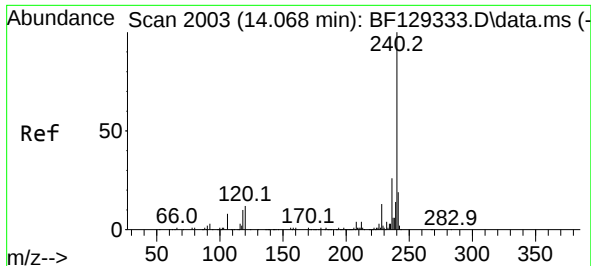
Tgt Ion:178 Resp: 120843
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.8 12.6 19.0



#75
Fluoranthene
Concen: 6.673 ng
RT: 12.628 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion:202 Resp: 176957
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.4
203 17.6 0.0 38.0

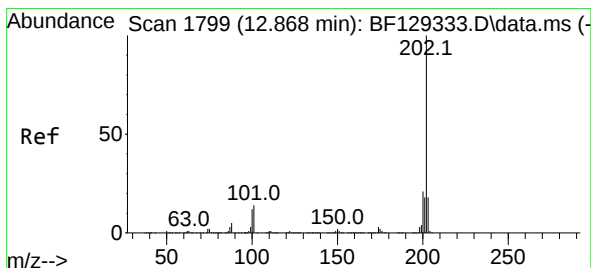
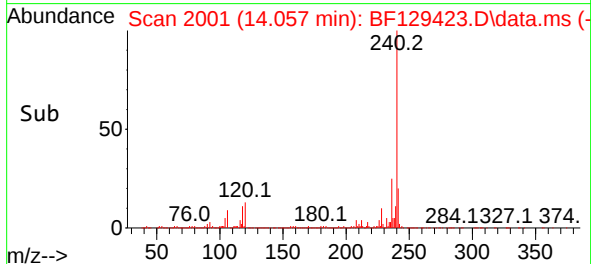
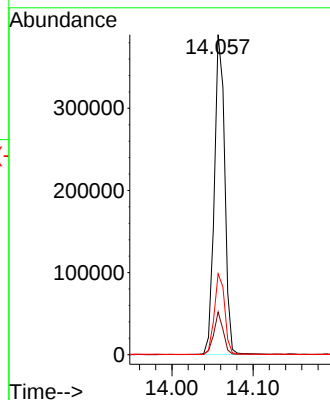
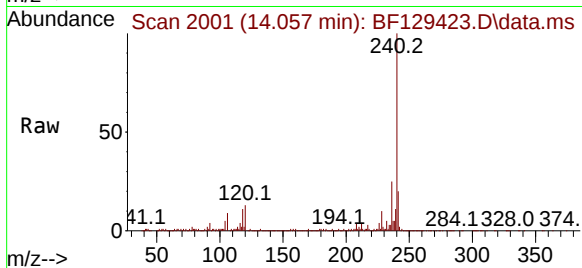




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

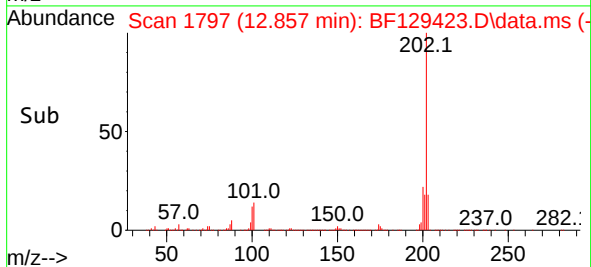
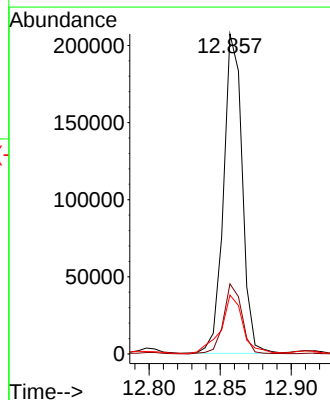
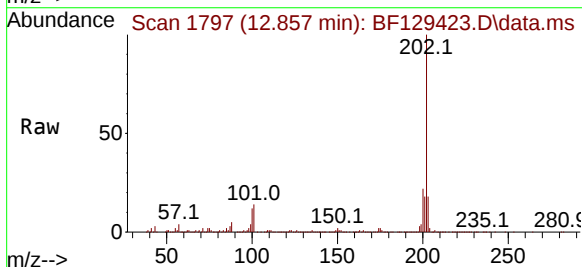
Instrument :
BNA_F
ClientSampleId :
RVE-18

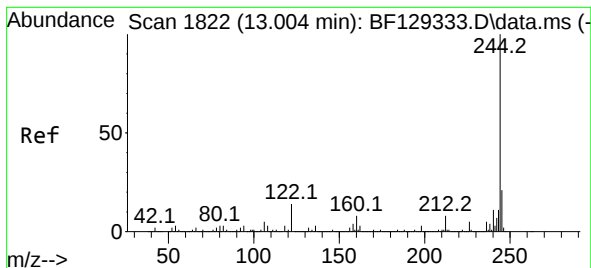
Tgt Ion:240 Resp: 345625
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3#
236 25.3 20.8 31.2



#78
Pyrene
Concen: 6.530 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion:202 Resp: 188723
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.4 14.6 21.8





#79

Terphenyl-d14

Concen: 69.949 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129423.D

Acq: 28 Jul 2022 23:03

Instrument :

BNA_F

ClientSampleId :

RVE-18

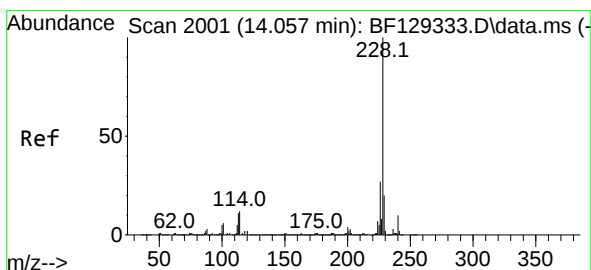
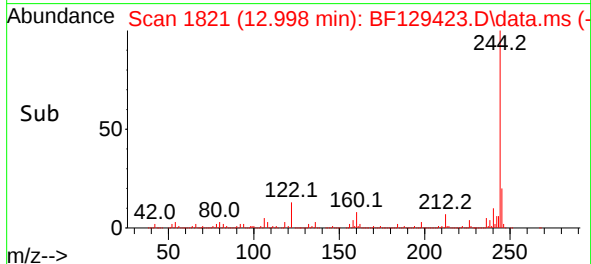
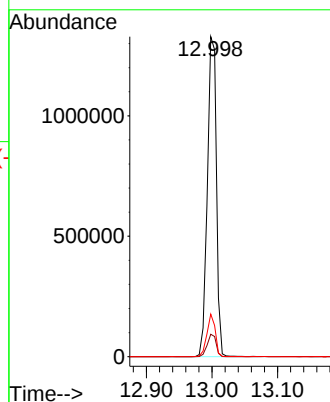
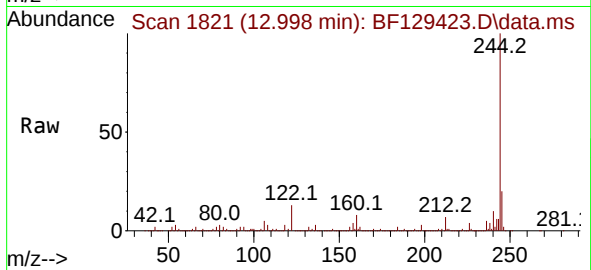
Tgt Ion:244 Resp: 1281473

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 13.3 8.8 13.2#



#81

Benzo(a)anthracene

Concen: 4.850 ng

RT: 14.051 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BF129423.D

Acq: 28 Jul 2022 23:03

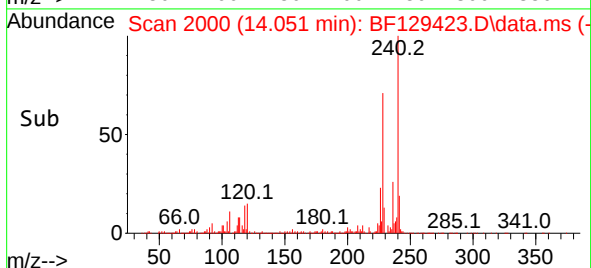
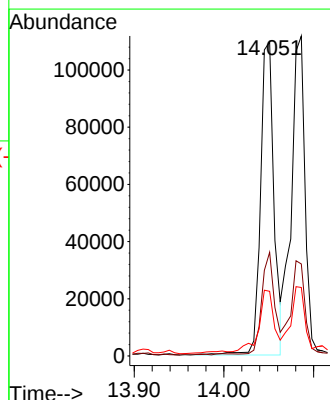
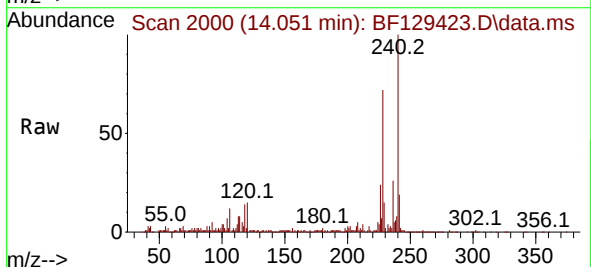
Tgt Ion:228 Resp: 114501

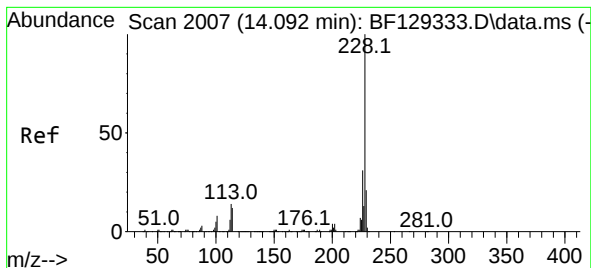
Ion Ratio Lower Upper

228 100

226 33.0 22.1 33.1

229 20.6 15.8 23.8





#83

Chrysene

Concen: 5.343 ng

RT: 14.086 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129423.D

Acq: 28 Jul 2022 23:03

Instrument :

BNA_F

ClientSampleId :

RVE-18

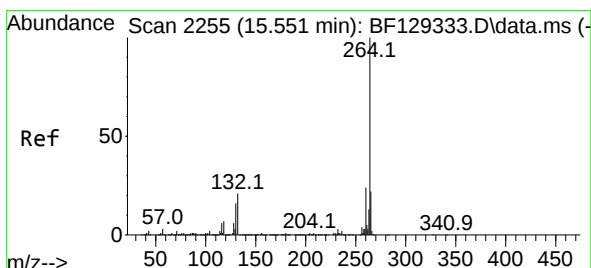
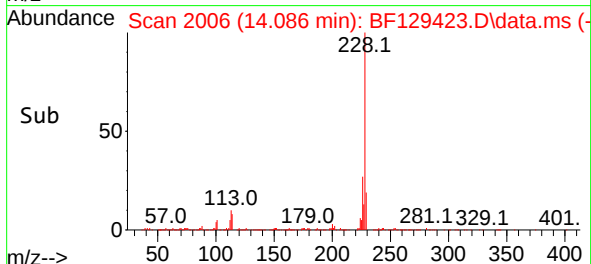
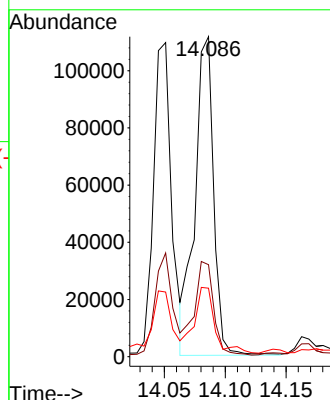
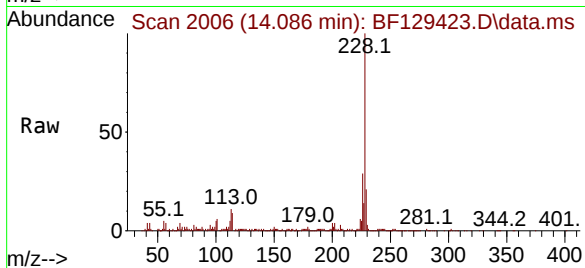
Tgt Ion:228 Resp: 118890

Ion Ratio Lower Upper

228 100

226 28.7 24.3 36.5

229 21.4 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF129423.D

Acq: 28 Jul 2022 23:03

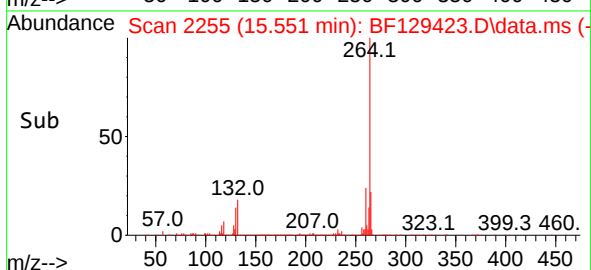
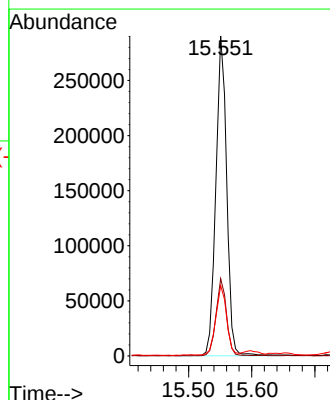
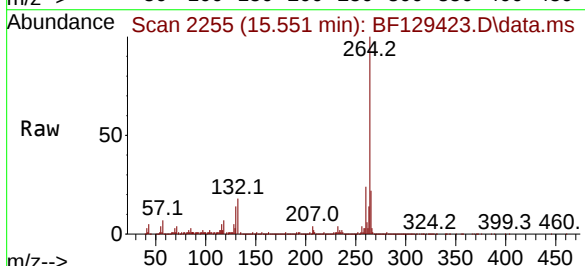
Tgt Ion:264 Resp: 345194

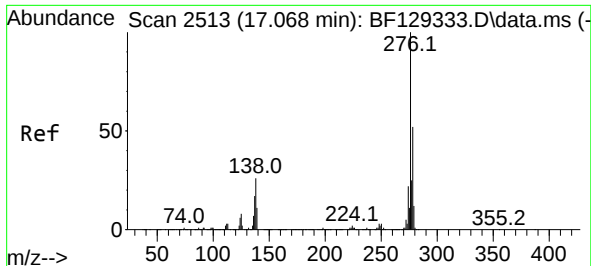
Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.0 17.2 25.8

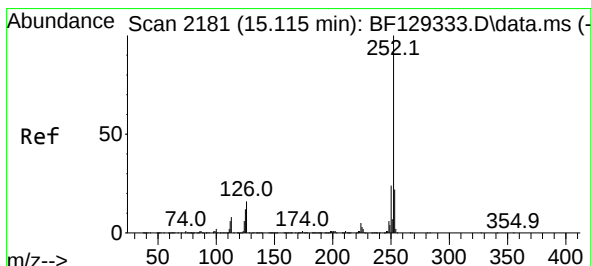
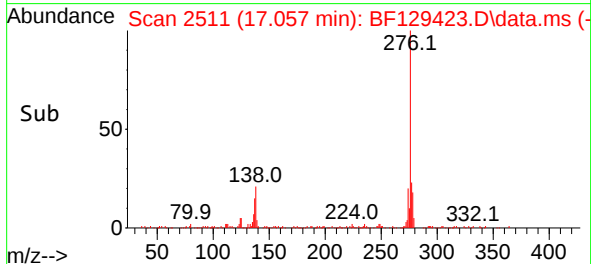
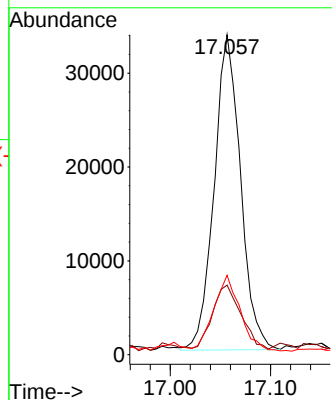
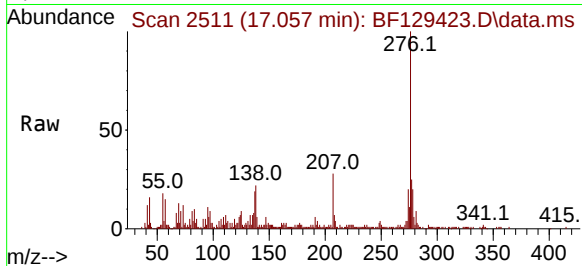




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.639 ng
 RT: 17.057 min Scan# 2180
 Delta R.T. -0.012 min
 Lab File: BF129423.D
 Acq: 28 Jul 2022 23:03

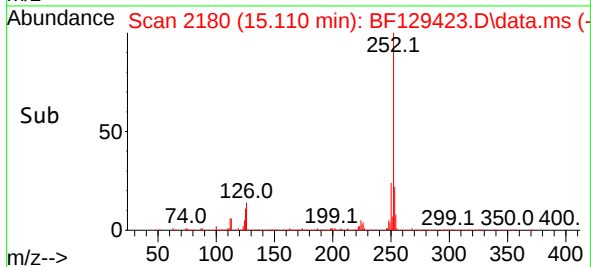
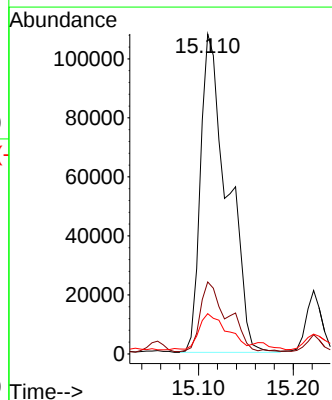
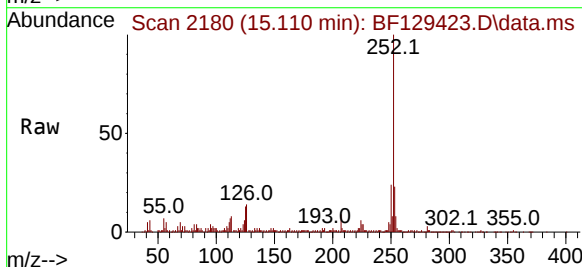
Instrument :
 BNA_F
 ClientSampleId :
 RVE-18

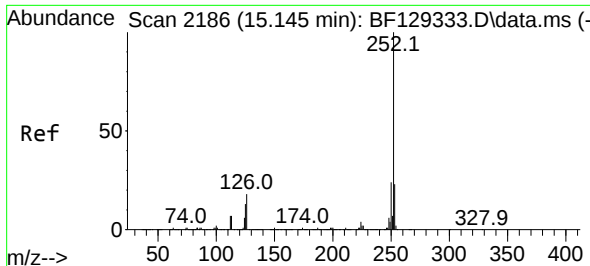
Tgt Ion:276 Resp: 61340
 Ion Ratio Lower Upper
 276 100
 138 21.9 21.1 31.7
 277 24.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 9.330 ng
 RT: 15.110 min Scan# 2180
 Delta R.T. -0.006 min
 Lab File: BF129423.D
 Acq: 28 Jul 2022 23:03

Tgt Ion:252 Resp: 213634
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.7 26.5
 125 12.6 8.0 12.0#

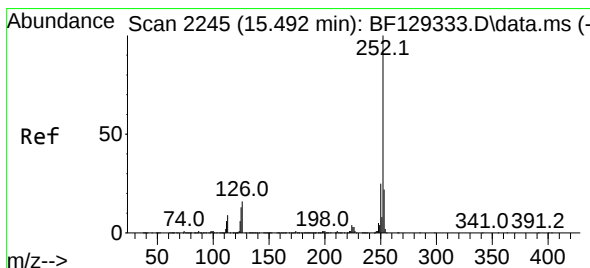
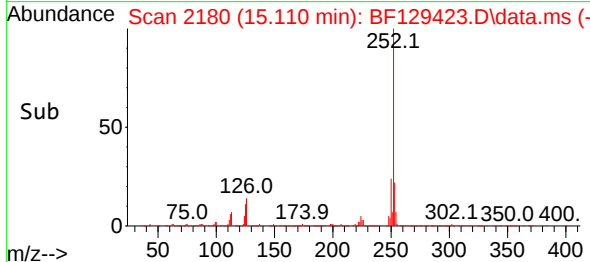
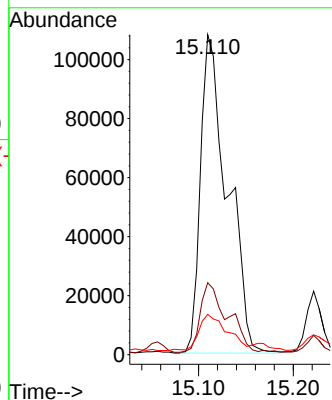
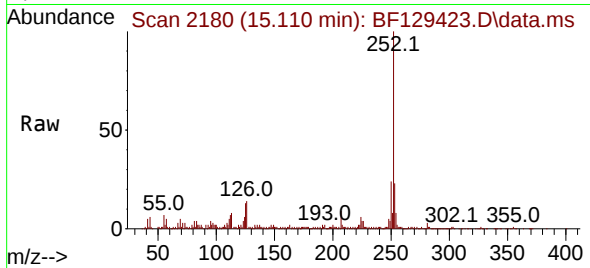




#89
Benzo(k)fluoranthene
Concen: 9.521 ng
RT: 15.110 min Scan# 2186
Delta R.T. -0.035 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

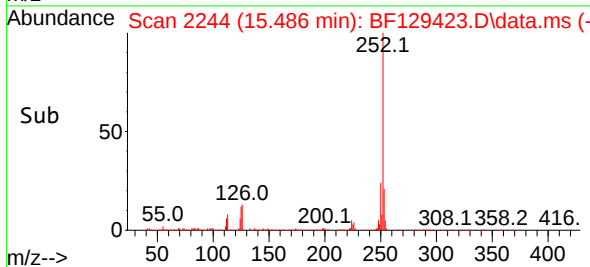
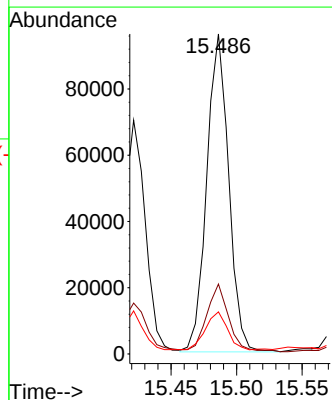
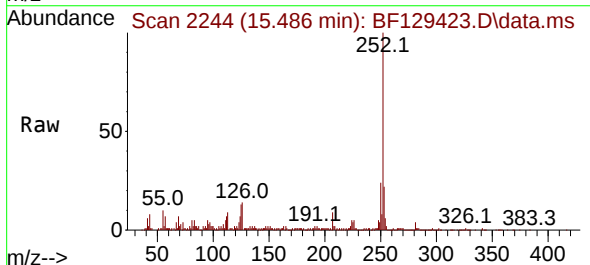
Instrument :
BNA_F
ClientSampleId :
RVE-18

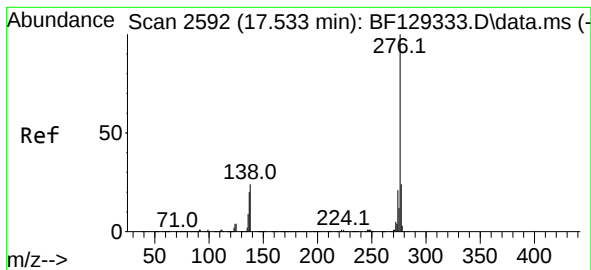
Tgt Ion:252 Resp: 213634
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.6 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 6.021 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129423.D
Acq: 28 Jul 2022 23:03

Tgt Ion:252 Resp: 111919
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 13.1 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 3.249 ng

RT: 17.515 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF129423.D

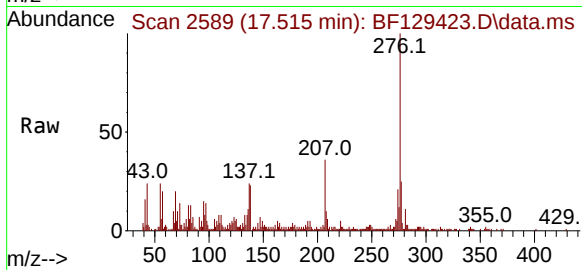
Acq: 28 Jul 2022 23:03

Instrument :

BNA_F

ClientSampleId :

RVE-18



Tgt Ion:276 Resp: 62807

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 22.9 18.0 27.0

