

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129972.D
 Acq On : 24 Aug 2022 14:07
 Operator : CG\JU
 Sample : N4273-01 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 24 14:28:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

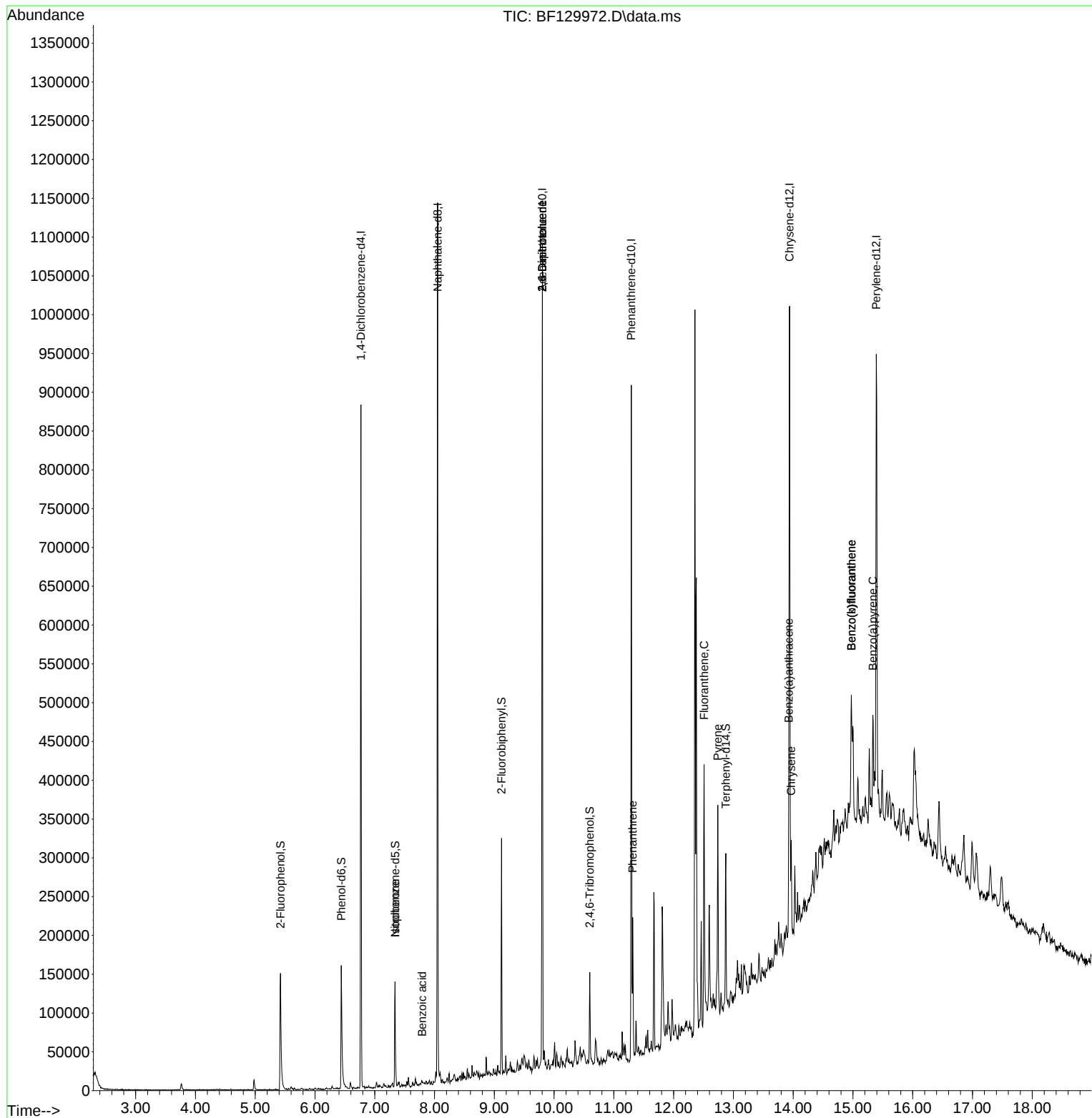
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	116675	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	427821	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	197051	20.000	ng	-0.01
64) Phenanthrene-d10	11.292	188	276818	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	238212	20.000	ng	-0.01
86) Perylene-d12	15.392	264	275851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	55315	7.850	ng	0.01
7) Phenol-d6	6.439	99	64820	7.345	ng	0.00
23) Nitrobenzene-d5	7.339	82	41297	5.167	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	11102	5.614	ng	-0.01
45) 2-Fluorobiphenyl	9.122	172	74912	5.774	ng	-0.01
79) Terphenyl-d14	12.874	244	59417	4.150	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	121	Below Cal	#	1
25) Isophorone	7.339	82	41297	3.002	ng	# 65
32) Benzoic acid	7.792	122	72	2.186	ng	89
51) 2,6-Dinitrotoluene	9.804	165	25442	8.303	ng	# 23
57) 2,4-Dinitrotoluene	9.804	165	25442	6.396	ng	# 18
71) Phenanthrene	11.316	178	60228	3.896	ng	97
75) Fluoranthene	12.510	202	106028	6.702	ng	99
77) Benzidine	12.592	184	89	Below Cal	#	1
78) Pyrene	12.739	202	95663	4.621	ng	99
81) Benzo(a)anthracene	13.927	228	59217	3.614	ng	99
83) Chrysene	13.968	228	50933	3.320	ng	97
88) Benzo(b)fluoranthene	14.974	252	110869	5.869	ng	# 92
89) Benzo(k)fluoranthene	14.974	252	110869	6.120	ng	# 91
90) Benzo(a)pyrene	15.333	252	61933	4.164	ng	# 92

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

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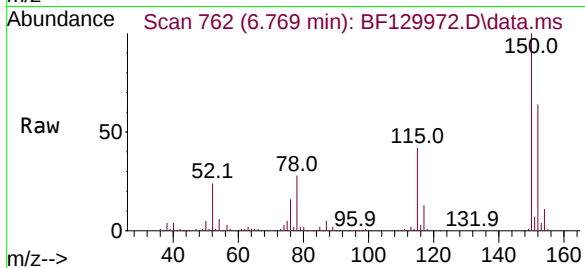
Quant Time: Aug 24 14:28:10 2022
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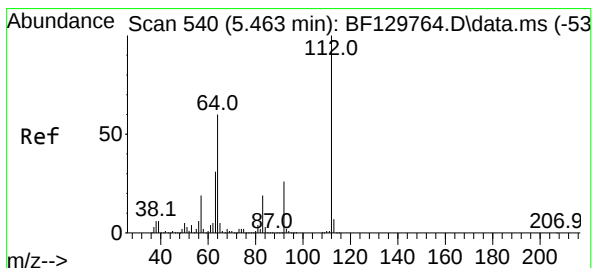
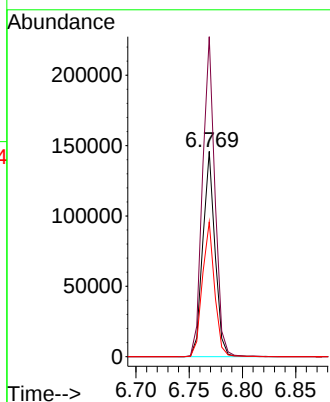
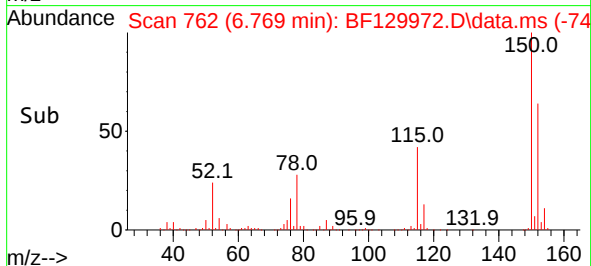


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

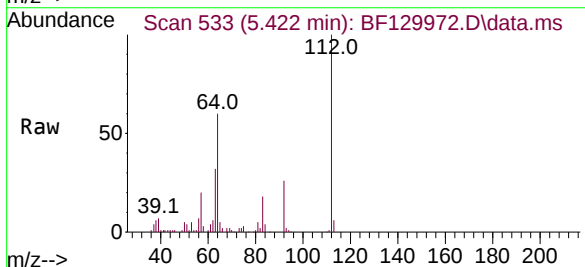
Instrument :
MSVOA_D
ClientSampleId :



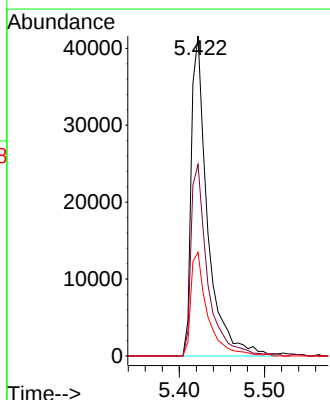
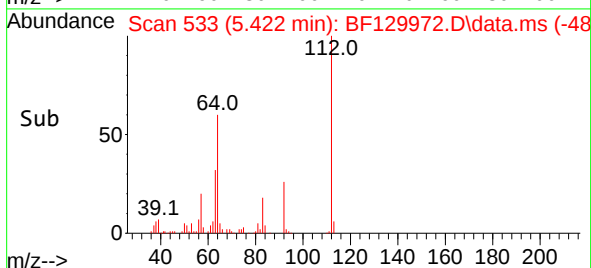
Tgt Ion:152 Resp: 116675
Ion Ratio Lower Upper
152 100
150 155.9 126.9 190.3
115 65.6 53.4 80.0

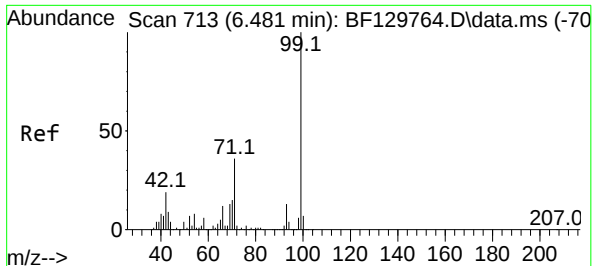


#5
2-Fluorophenol
Concen: 7.850 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07



Tgt Ion:112 Resp: 55315
Ion Ratio Lower Upper
112 100
64 59.8 47.6 71.4
63 32.4 24.6 37.0



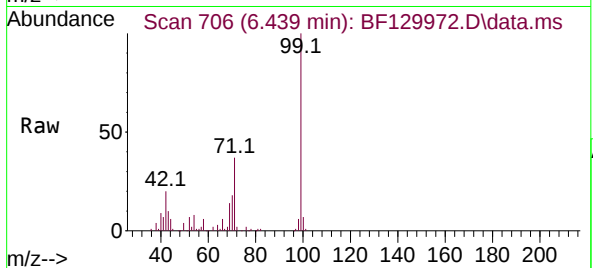


#7
Phenol-d6
Concen: 7.345 ng
RT: 6.439 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

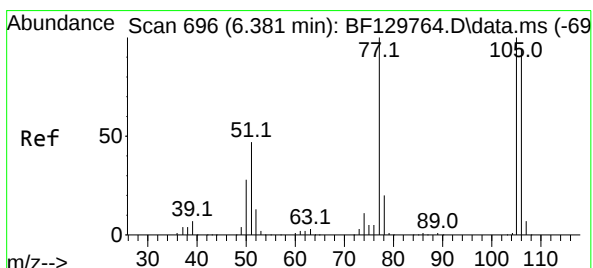
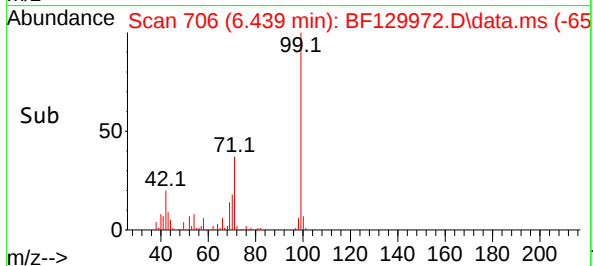
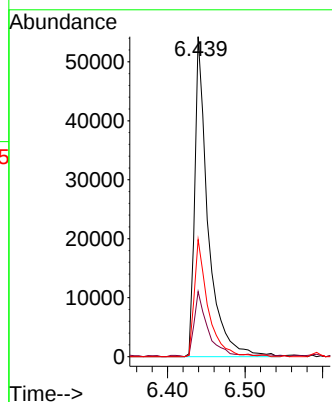
Instrument :

MSVOA_D

ClientSampleId :

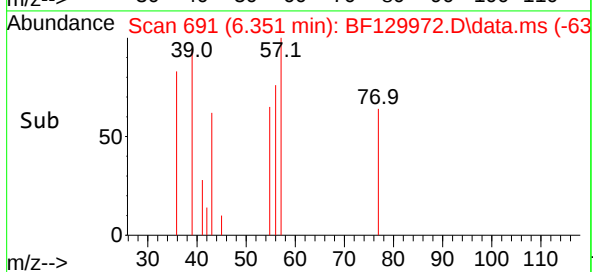
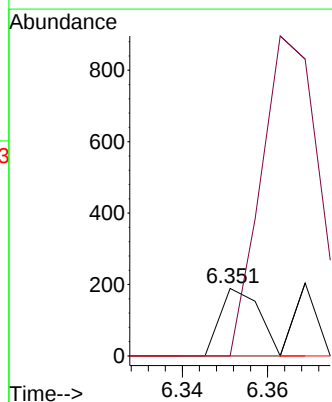
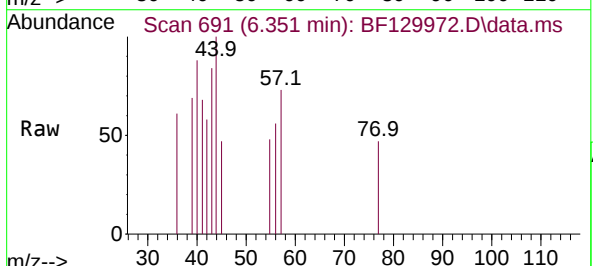


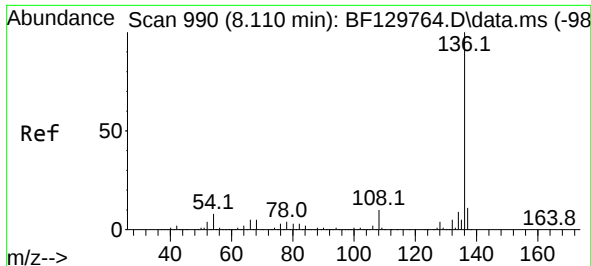
Tgt Ion: 99 Resp: 64820
Ion Ratio Lower Upper
99 100
42 20.3 15.0 22.4
71 36.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.351 min Scan# 691
Delta R.T. 0.018 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

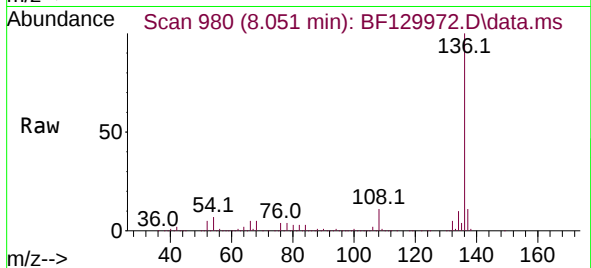
Tgt Ion: 77 Resp: 121
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#





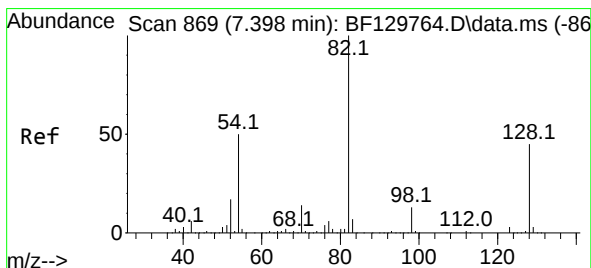
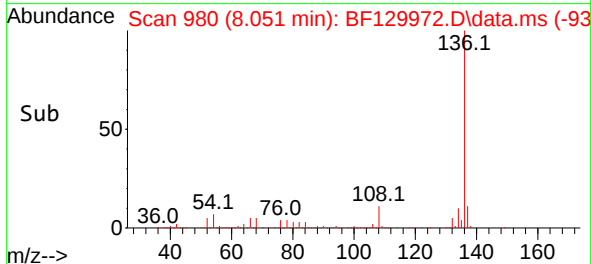
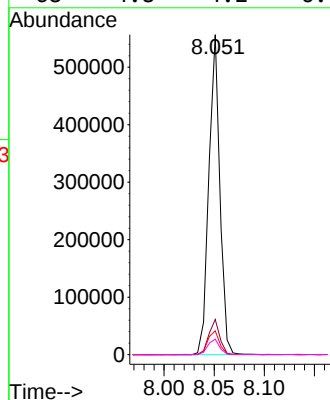
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:136 Resp: 427821

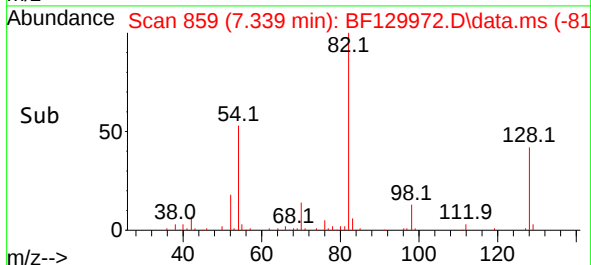
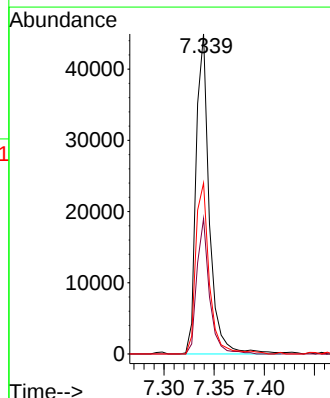
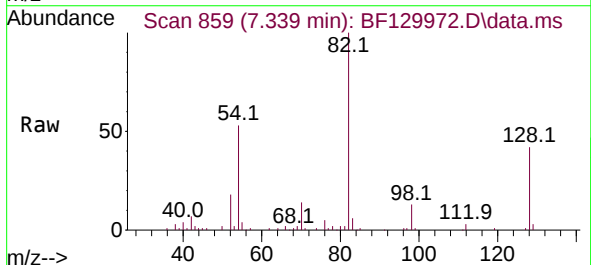
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.4	6.2	9.2
68	4.8	4.2	6.4

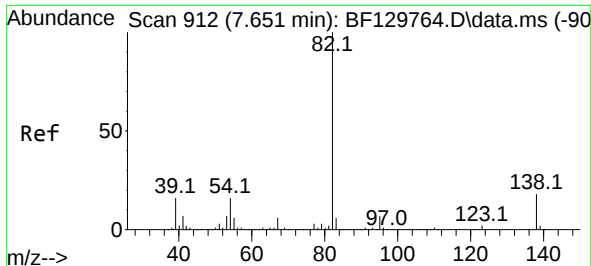


#23
Nitrobenzene-d5
Concen: 5.167 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion: 82 Resp: 41297

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.1	54.1
54	53.4	40.0	60.0

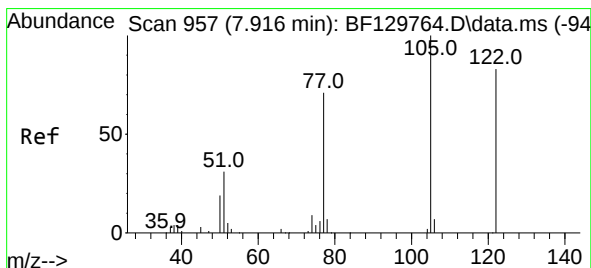
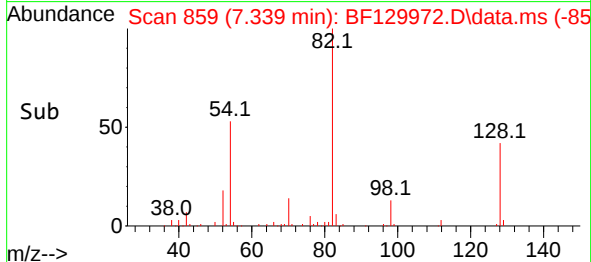
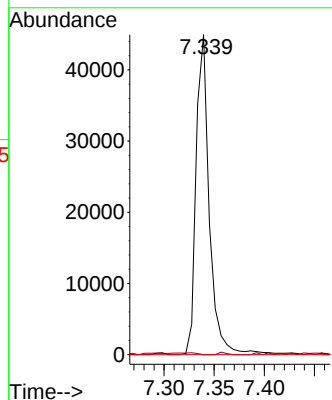
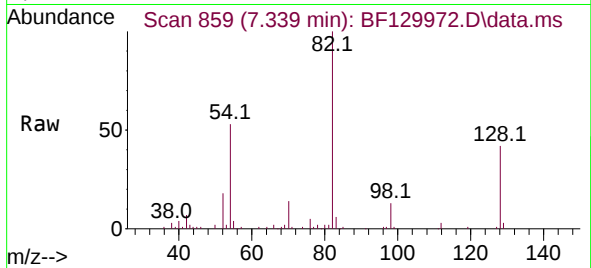




#25
Isophorone
Concen: 3.002 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

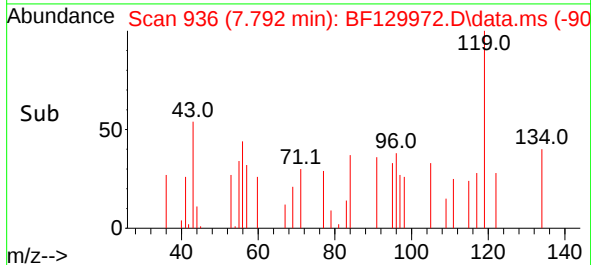
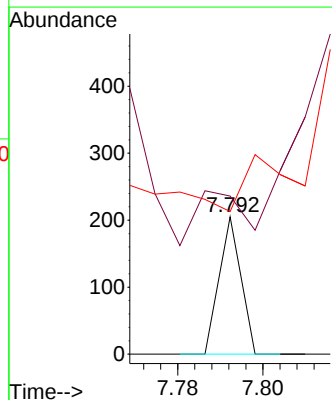
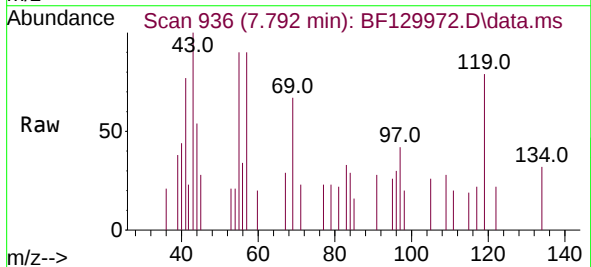
Instrument :
MSVOA_D
ClientSampleId :

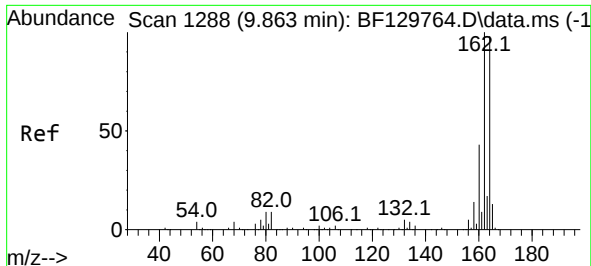
Tgt Ion: 82 Resp: 41297
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.186 ng
RT: 7.792 min Scan# 936
Delta R.T. -0.088 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion:122 Resp: 72
Ion Ratio Lower Upper
122 100
105 115.1 99.9 139.9
77 103.9 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

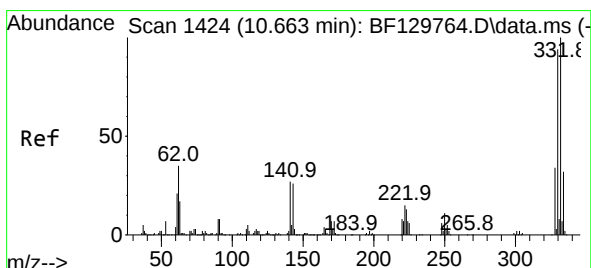
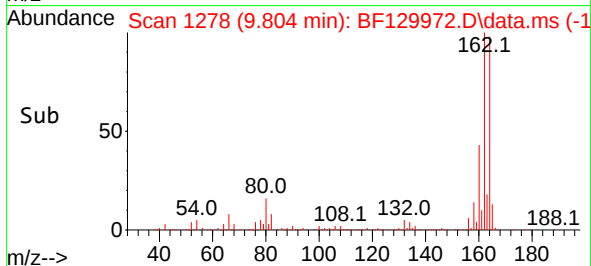
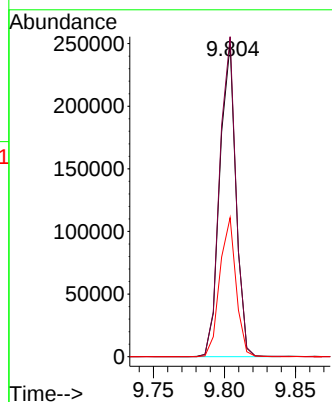
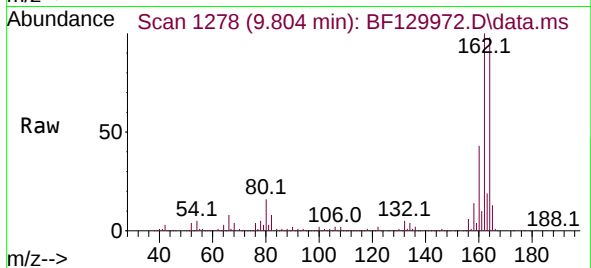
Tgt Ion:164 Resp: 197051

Ion Ratio Lower Upper

164 100

162 102.3 82.0 123.0

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 5.614 ng

RT: 10.598 min Scan# 1413

Delta R.T. -0.012 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

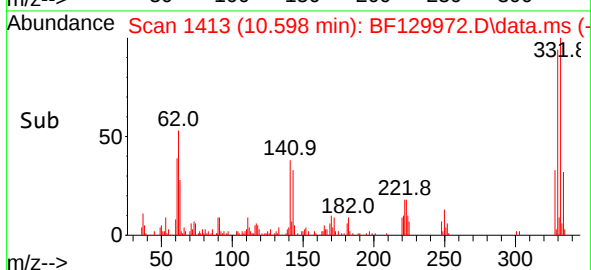
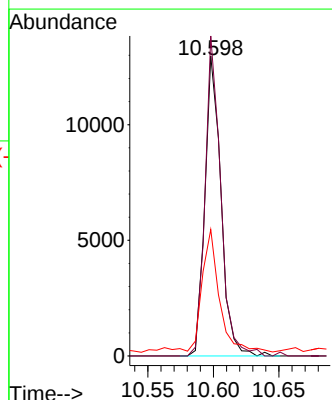
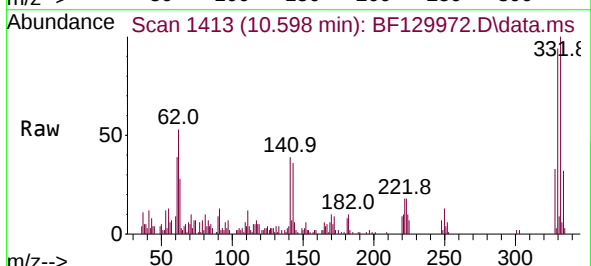
Tgt Ion:330 Resp: 11102

Ion Ratio Lower Upper

330 100

332 103.8 82.6 124.0

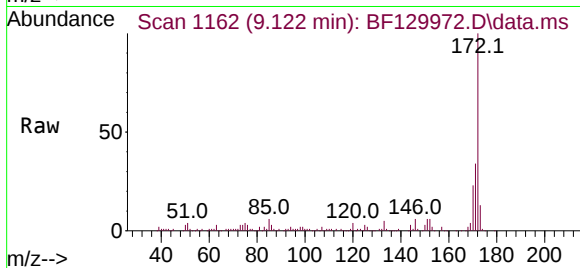
141 43.5 27.6 41.4#



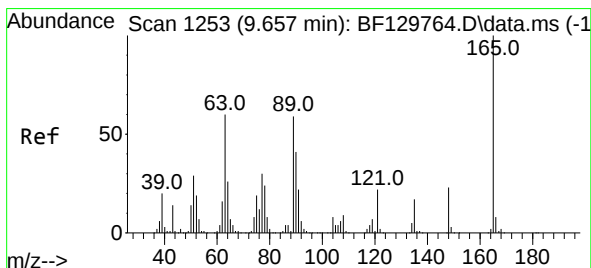
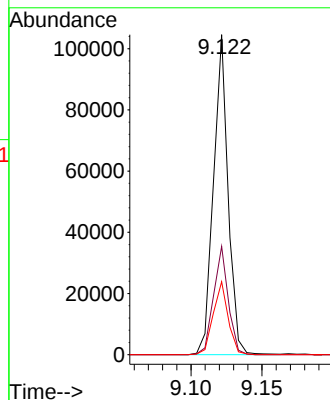
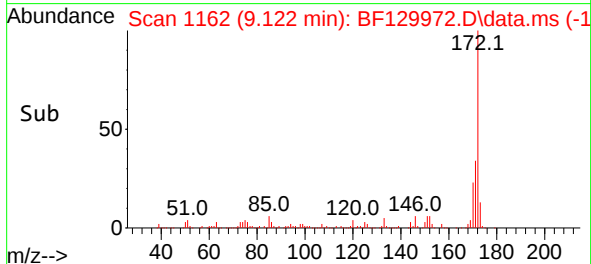


#45
2-Fluorobiphenyl
Concen: 5.774 ng
RT: 9.122 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

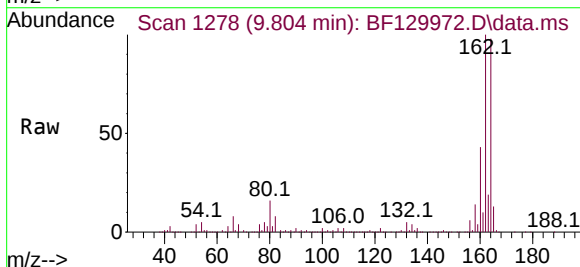
Instrument :
MSVOA_D
ClientSampleId :



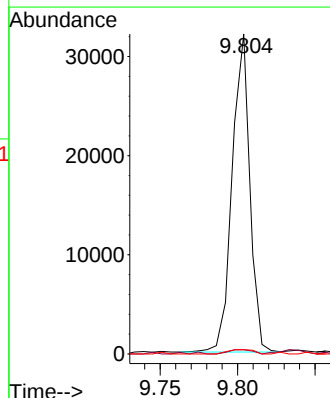
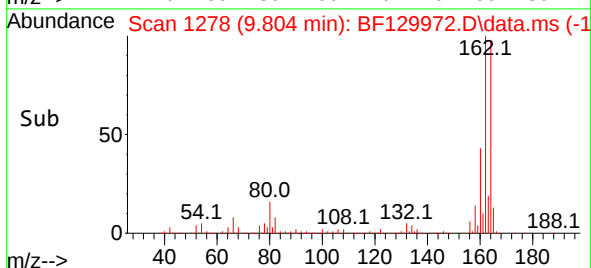
Tgt Ion:172 Resp: 74912
Ion Ratio Lower Upper
172 100
171 33.9 28.4 42.6
170 22.8 19.1 28.7

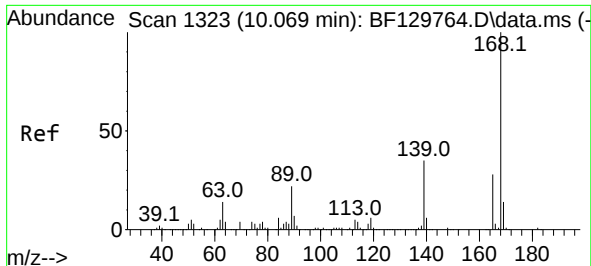


#51
2,6-Dinitrotoluene
Concen: 8.303 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.188 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07



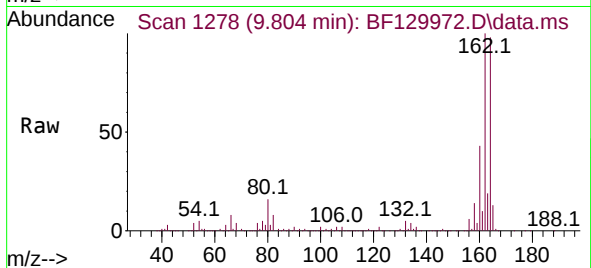
Tgt Ion:165 Resp: 25442
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.8#
89 1.4 47.2 70.8#



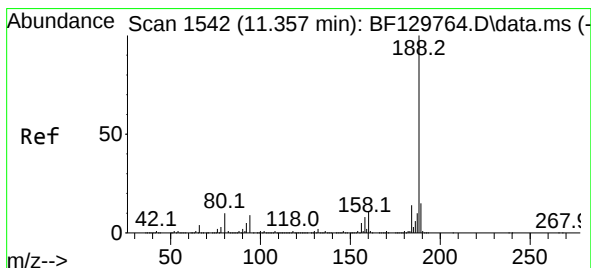
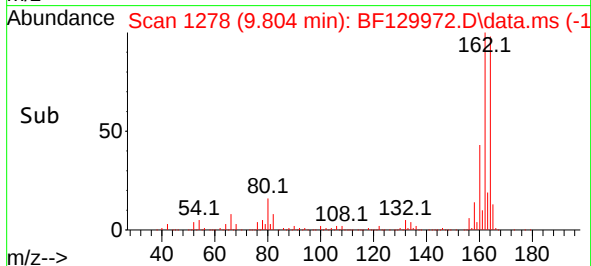
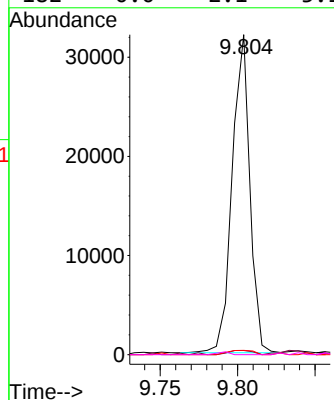


#57
2,4-Dinitrotoluene
Concen: 6.396 ng
RT: 9.804 min Scan# 1530
Delta R.T. -0.218 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Instrument :
MSVOA_D
ClientSampleId :

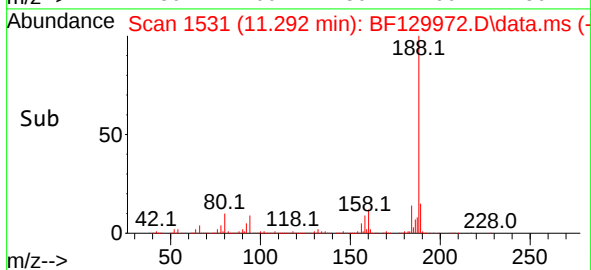
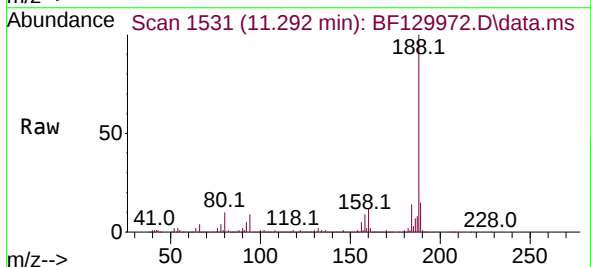
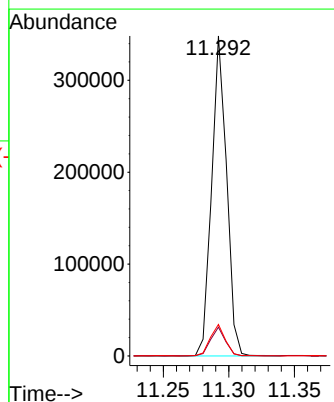


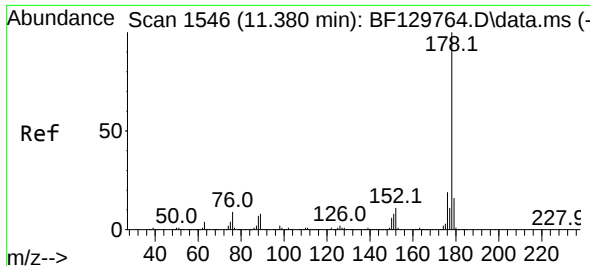
Tgt Ion:165 Resp: 25442
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion:188 Resp: 276818
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.8 7.9 11.9

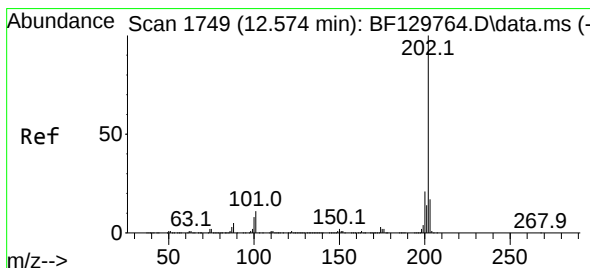
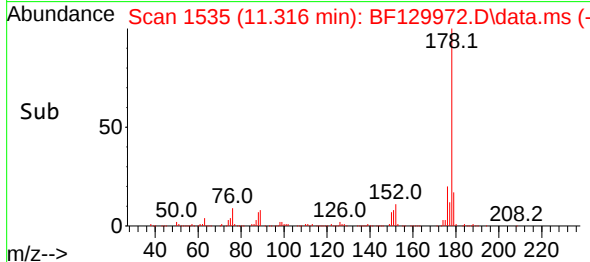
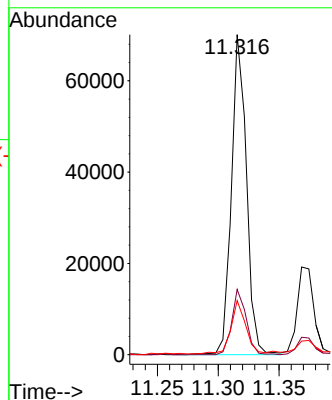
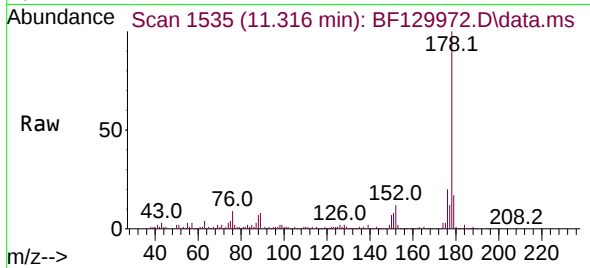




#71
Phenanthrene
Concen: 3.896 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

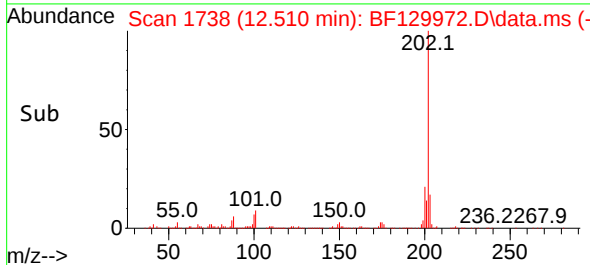
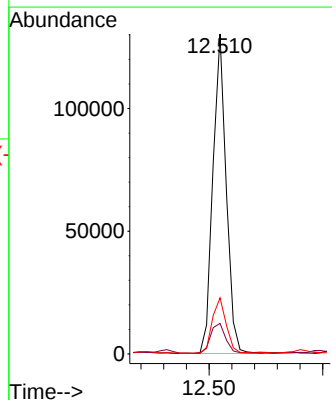
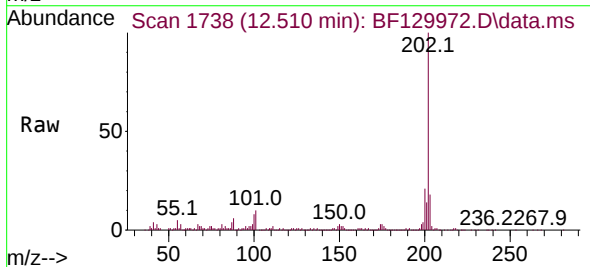
Instrument :
MSVOA_D
ClientSampleId :

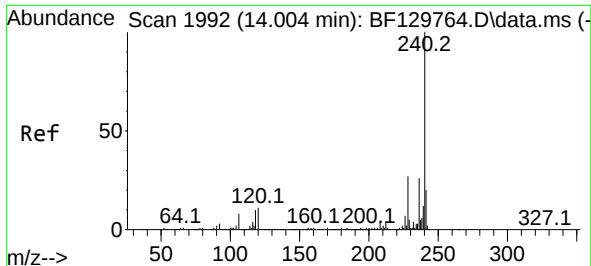
Tgt Ion:178 Resp: 60228
Ion Ratio Lower Upper
178 100
176 20.4 15.5 23.3
179 16.9 12.5 18.7



#75
Fluoranthene
Concen: 6.702 ng
RT: 12.510 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion:202 Resp: 106028
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.5 0.0 37.5

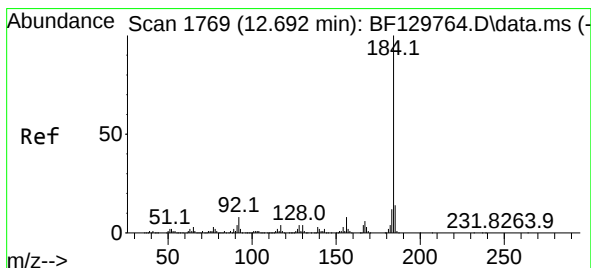
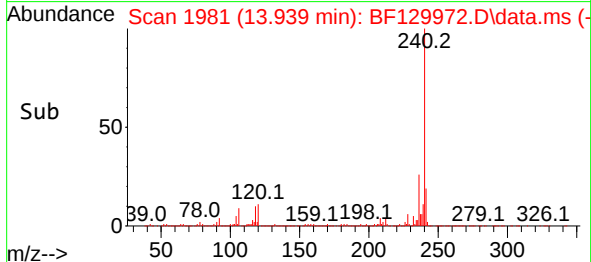
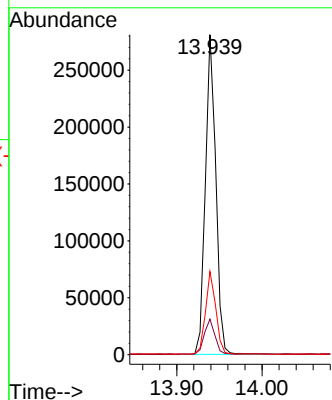
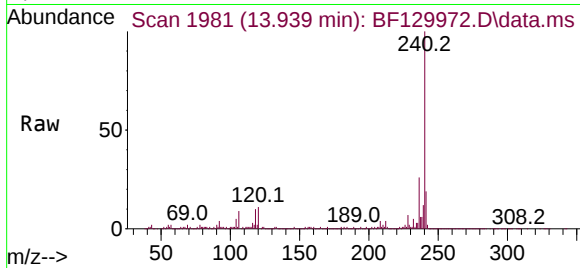




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

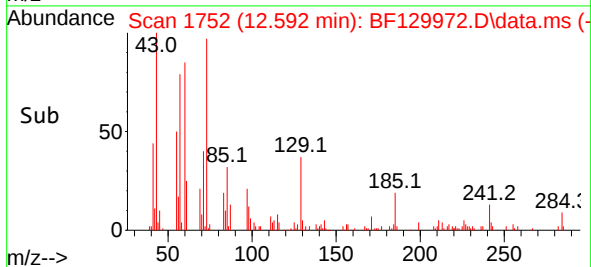
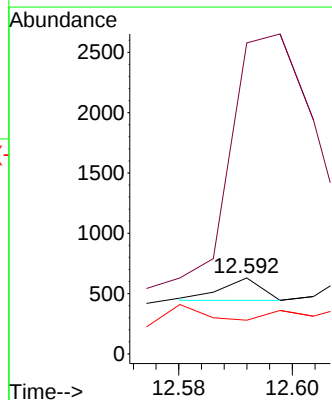
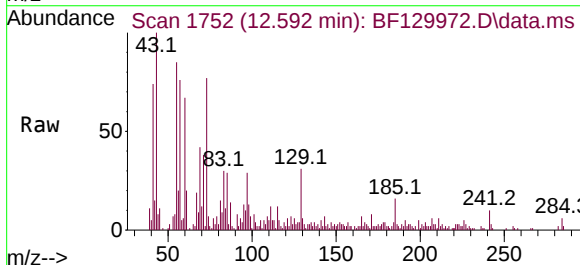
Instrument :
MSVOA_D
ClientSampleId :

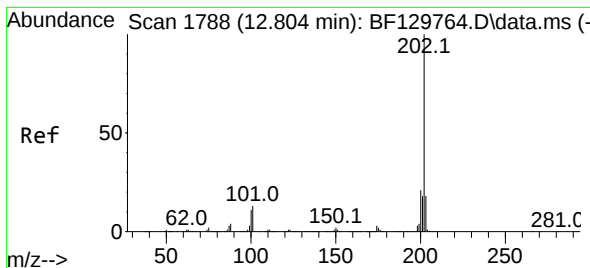
Tgt Ion:240 Resp: 238212
Ion Ratio Lower Upper
240 100
120 11.1 9.2 13.8
236 26.0 20.7 31.1



#77
Benzidine
Concen: Below Cal
RT: 12.592 min Scan# 1752
Delta R.T. -0.053 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion:184 Resp: 89
Ion Ratio Lower Upper
184 100
185 409.2 11.4 17.2#
183 44.4 9.4 14.2#





#78

Pyrene

Concen: 4.621 ng

RT: 12.739 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

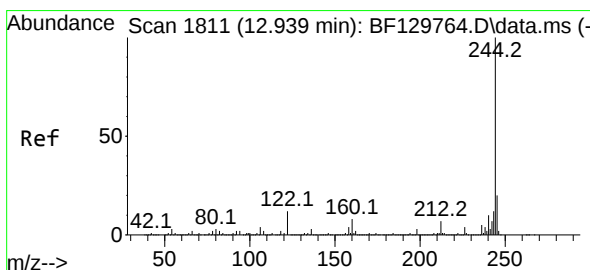
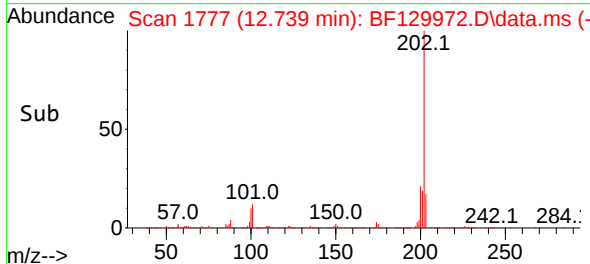
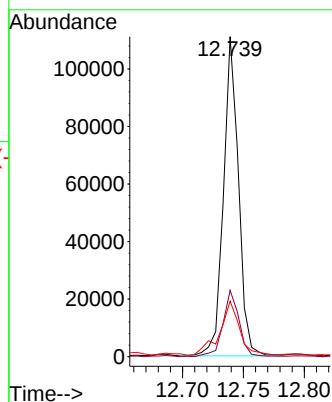
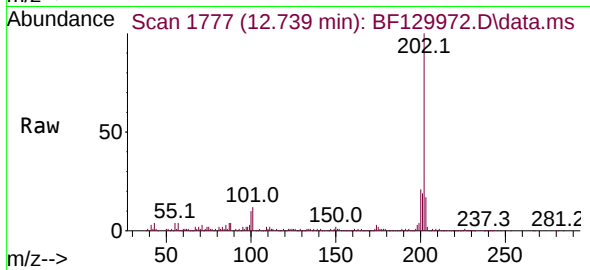
Tgt Ion:202 Resp: 95663

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 17.4 14.1 21.1



#79

Terphenyl-d14

Concen: 4.150 ng

RT: 12.874 min Scan# 1800

Delta R.T. -0.012 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

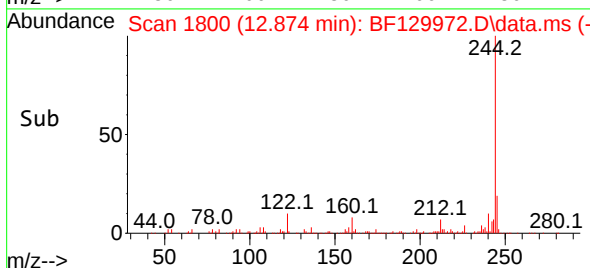
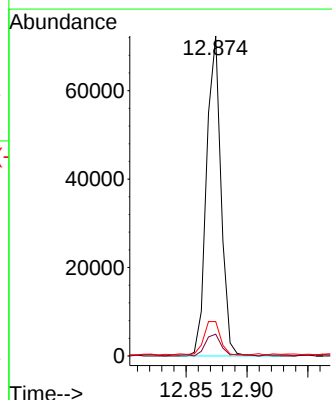
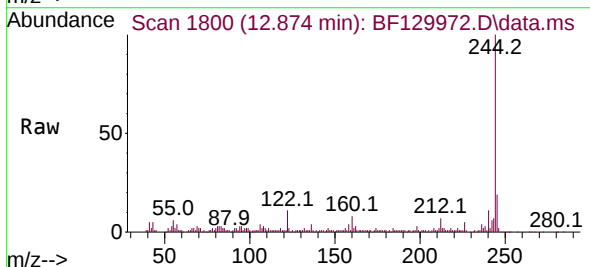
Tgt Ion:244 Resp: 59417

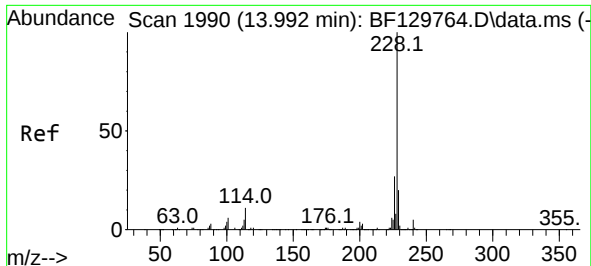
Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.7 9.9 14.9

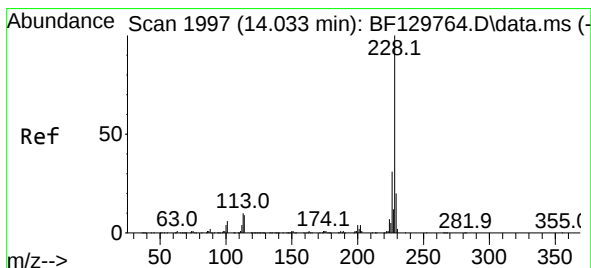
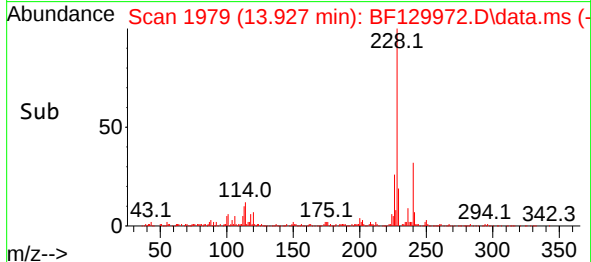
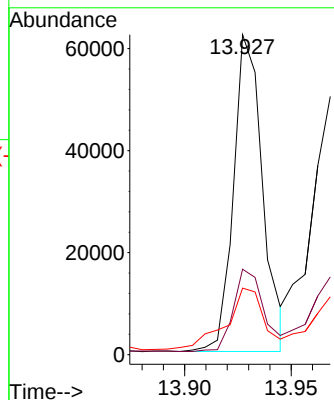
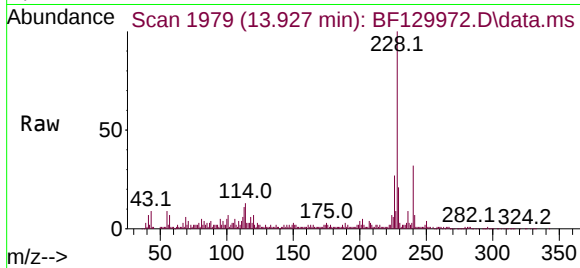




#81
Benzo(a)anthracene
Concen: 3.614 ng
RT: 13.927 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

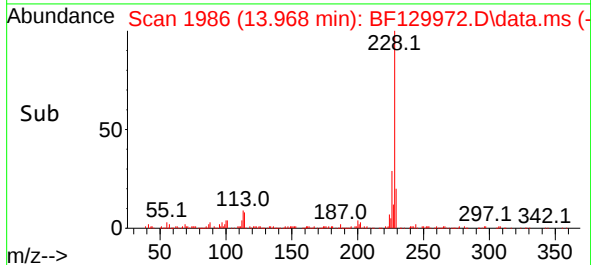
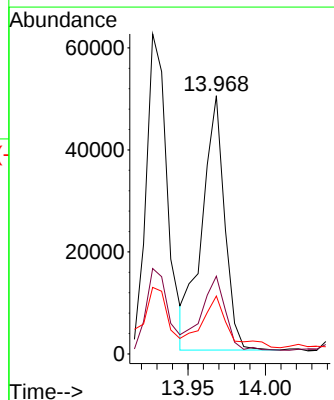
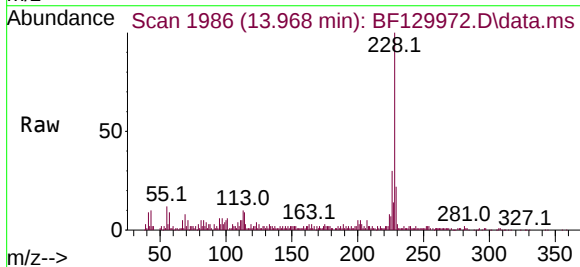
Instrument :
MSVOA_D
ClientSampleId :

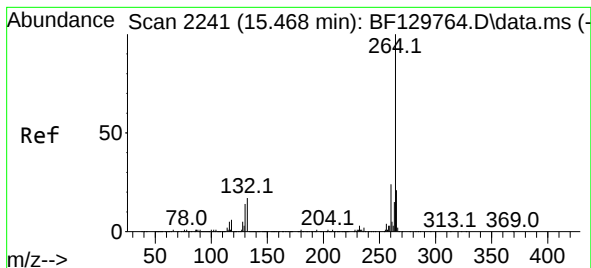
Tgt Ion:228 Resp: 59217
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.0
229 20.8 16.1 24.1



#83
Chrysene
Concen: 3.320 ng
RT: 13.968 min Scan# 1986
Delta R.T. -0.012 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion:228 Resp: 50933
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129972.D

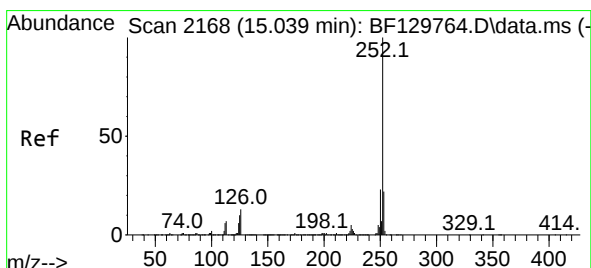
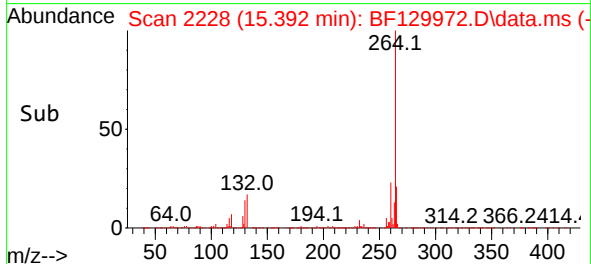
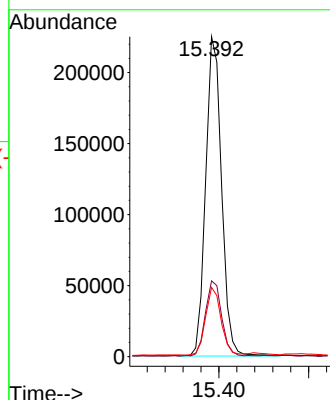
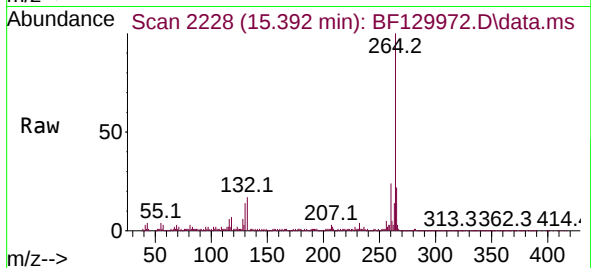
Acq: 24 Aug 2022 14:07

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:264	Resp:	275851
Ion Ratio	Lower	Upper
264	100	
260	23.7	19.1 28.7
265	21.6	16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 5.869 ng

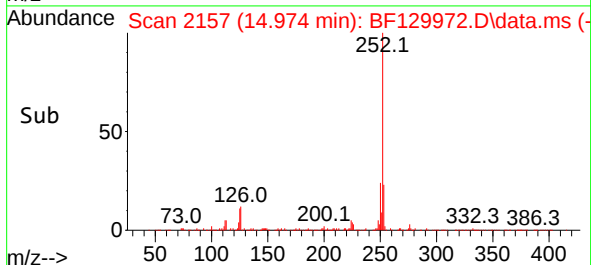
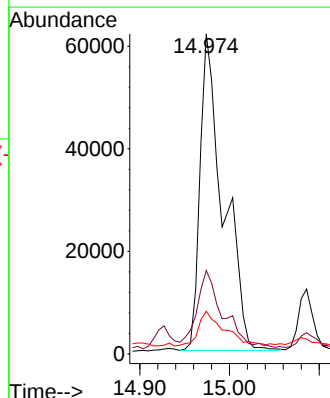
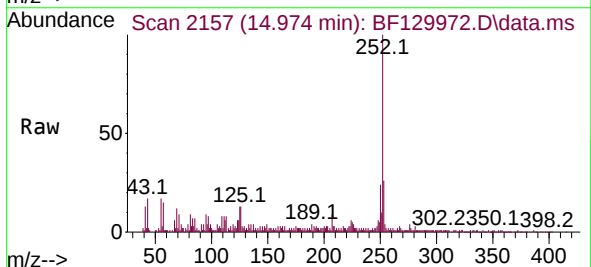
RT: 14.974 min Scan# 2157

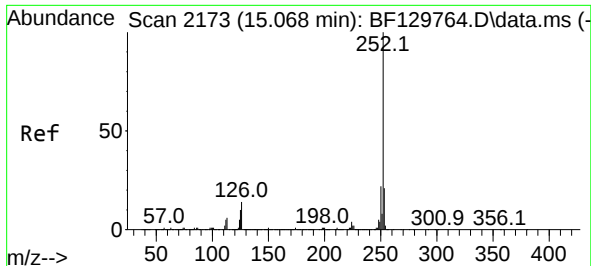
Delta R.T. -0.006 min

Lab File: BF129972.D

Acq: 24 Aug 2022 14:07

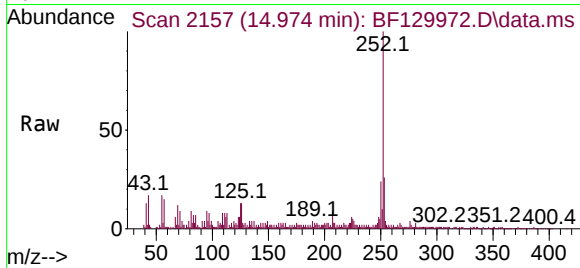
Tgt Ion:252	Resp:	110869
Ion Ratio	Lower	Upper
252	100	
253	26.0	17.5 26.3
125	13.3	8.3 12.5



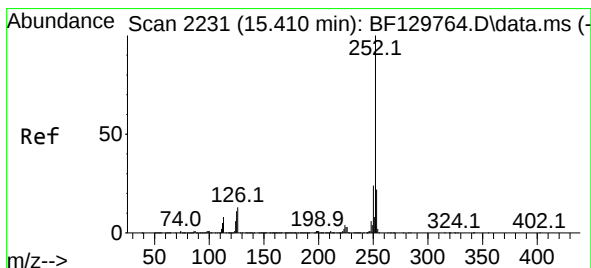
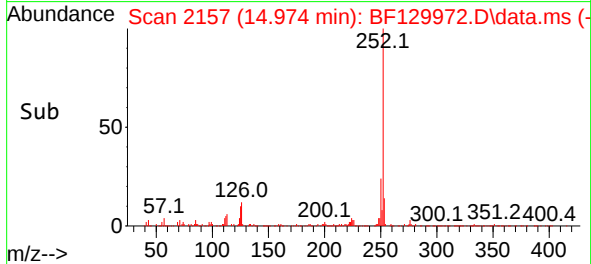
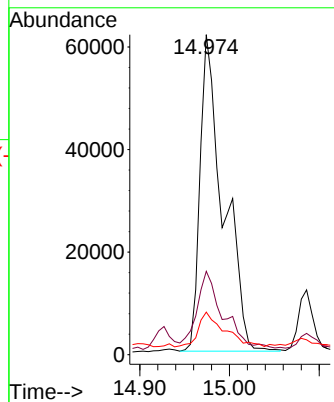


#89
Benzo(k)fluoranthene
Concen: 6.120 ng
RT: 14.974 min Scan# 2173
Delta R.T. -0.035 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:252 Resp: 110869
Ion Ratio Lower Upper
252 100
253 26.0 17.1 25.7#
125 13.3 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 4.164 ng
RT: 15.333 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF129972.D
Acq: 24 Aug 2022 14:07

Tgt Ion:252 Resp: 61933
Ion Ratio Lower Upper
252 100
253 24.5 17.2 25.8
125 15.2 8.8 13.2#

