

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129580.D
 Acq On : 04 Aug 2022 20:57
 Operator : CG\JU
 Sample : N3998-08RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-1RE

Quant Time: Aug 05 02:09:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

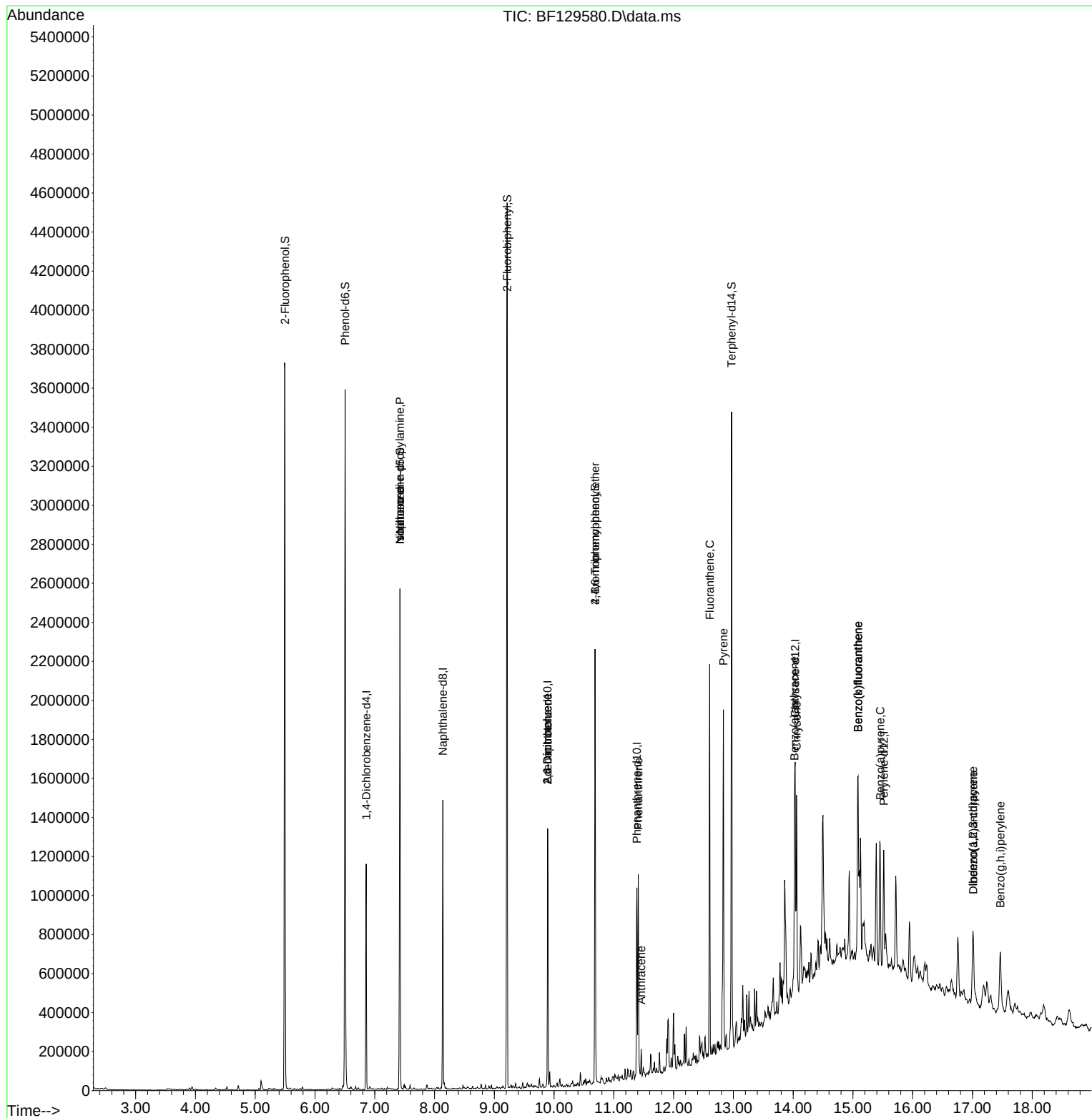
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	160915	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	576175	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	247684	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	349864	20.000	ng	0.00
76) Chrysene-d12	14.033	240	281483	20.000	ng	0.00
86) Perylene-d12	15.515	264	235041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1062163	107.526	ng	0.00
7) Phenol-d6	6.504	99	1290440	103.932	ng	-0.01
23) Nitrobenzene-d5	7.422	82	802039	75.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	232319	97.560	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1304652	81.484	ng	0.00
79) Terphenyl-d14	12.969	244	1067639	71.556	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	108273	14.404	ng	# 74
25) Isophorone	7.422	82	798469	42.203	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	33452	8.741	ng	# 25
57) 2,4-Dinitrotoluene	9.892	165	33452	6.691	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	14810	3.866	ng	# 1
71) Phenanthrene	11.410	178	344974	18.063	ng	98
72) Anthracene	11.457	178	51636	2.751	ng	99
75) Fluoranthene	12.604	202	725836	37.509	ng	100
78) Pyrene	12.833	202	664259	28.220	ng	99
81) Benzo(a)anthracene	14.021	228	333403	17.339	ng	97
83) Chrysene	14.057	228	391516	21.605	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	227178	14.353	ng	95
88) Benzo(b)fluoranthene	15.086	252	690855	44.311	ng	# 97
89) Benzo(k)fluoranthene	15.086	252	690855	45.217	ng	# 98
90) Benzo(a)pyrene	15.457	252	304305	24.044	ng	96
91) Dibenzo(a,h)anthracene	17.015	278	56133	4.357	ng	# 79
92) Benzo(g,h,i)perylene	17.468	276	252140	19.154	ng	98

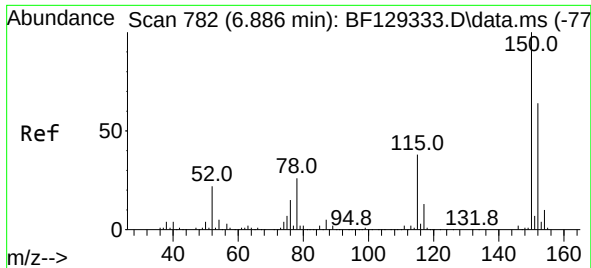
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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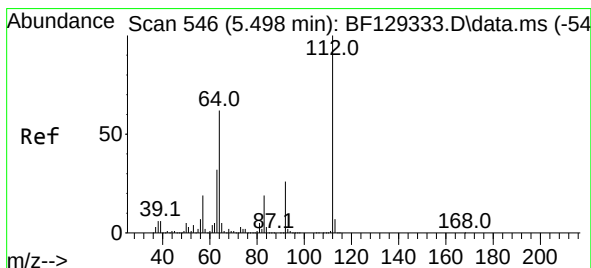
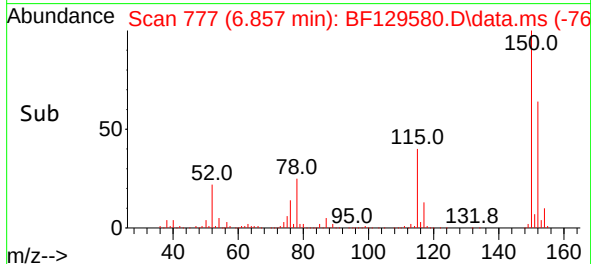
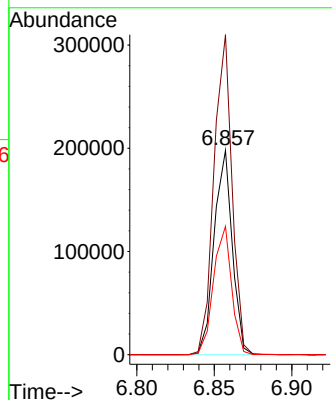
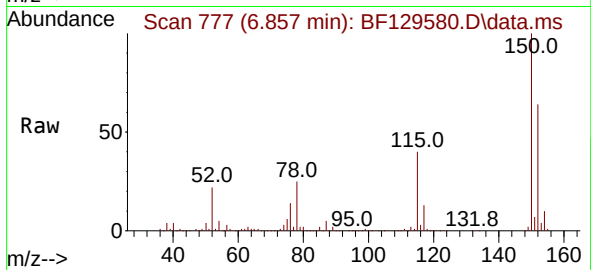




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129580.D
 Acq: 04 Aug 2022 20:57

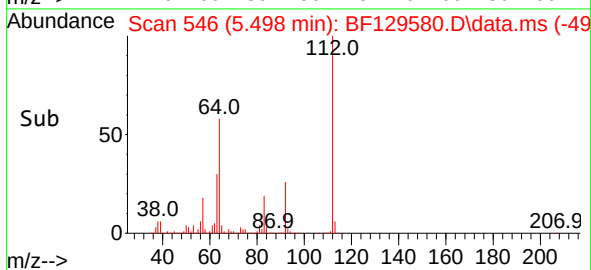
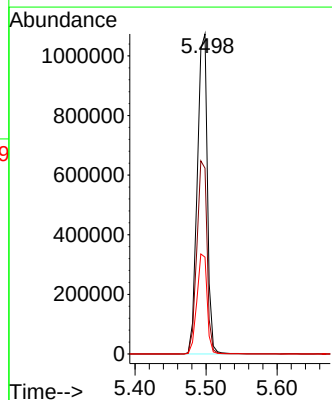
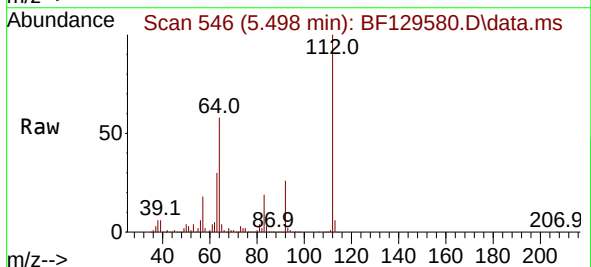
Instrument :
 BNA_F
 ClientSampleId :
 SS-1RE

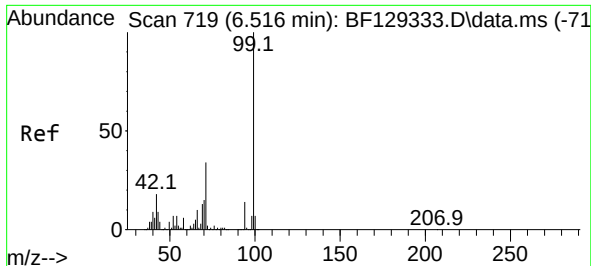
Tgt Ion:152 Resp: 160915
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.7 185.5
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 107.526 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF129580.D
 Acq: 04 Aug 2022 20:57

Tgt Ion:112 Resp: 1062163
 Ion Ratio Lower Upper
 112 100
 64 58.1 53.3 79.9
 63 30.2 28.0 42.0

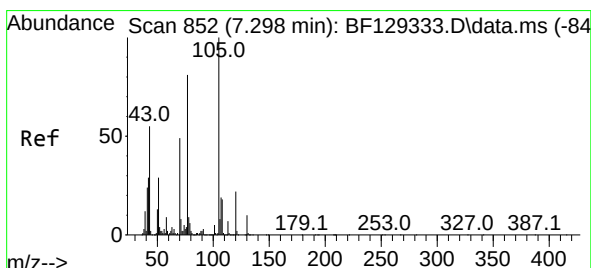
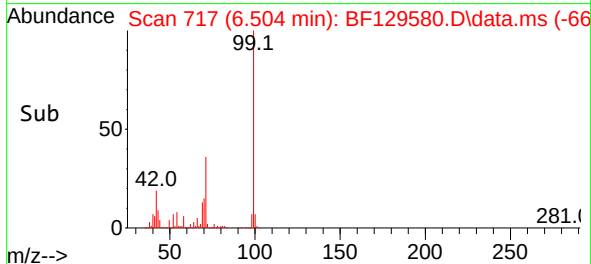
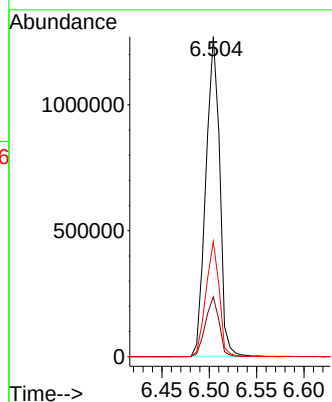
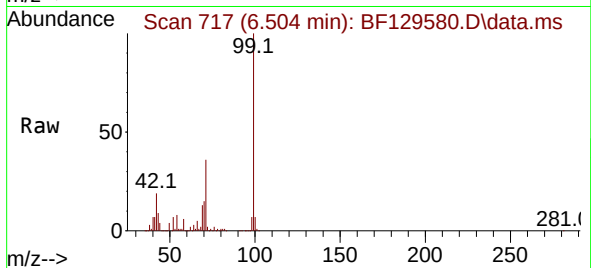




#7
Phenol-d6
Concen: 103.932 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

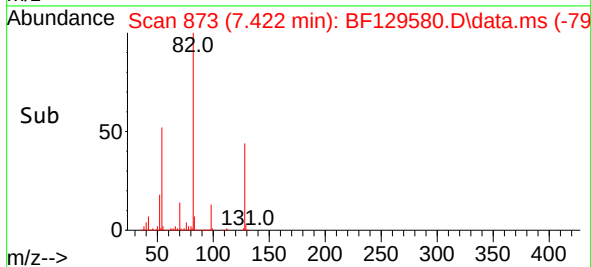
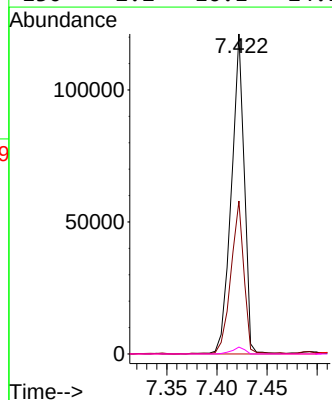
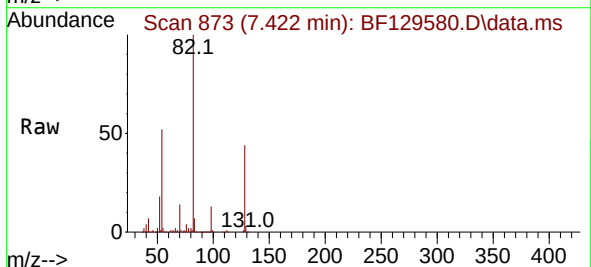
Instrument :
BNA_F
ClientSampleId :
SS-1RE

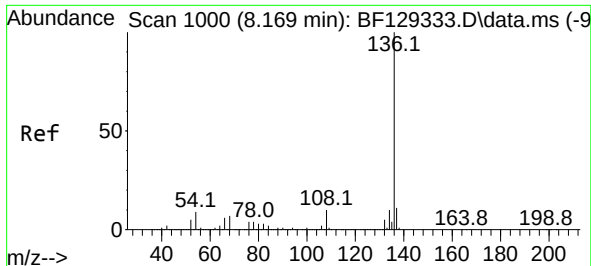
Tgt Ion: 99 Resp: 1290440
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.404 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion: 70 Resp: 108273
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



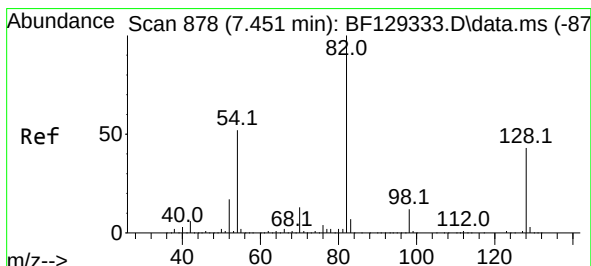
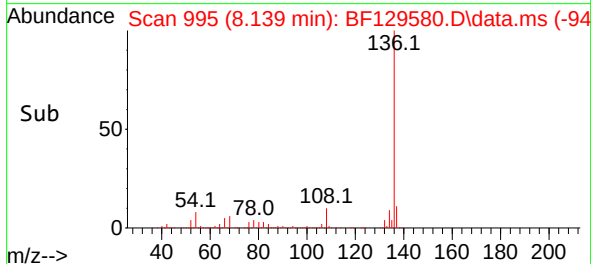
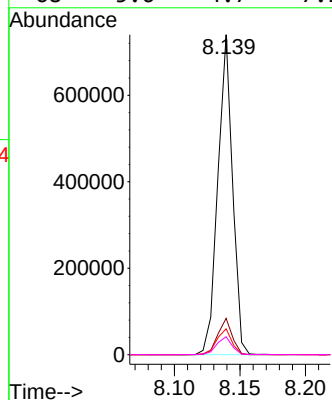
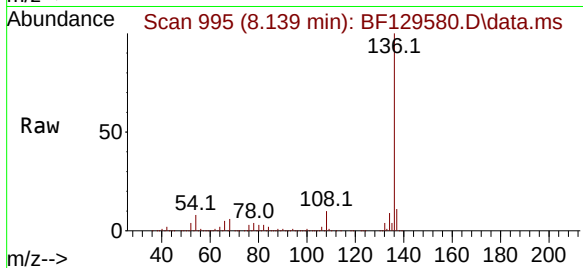


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Instrument :
BNA_F
ClientSampleId :
SS-1RE

Tgt Ion:136 Resp: 576175

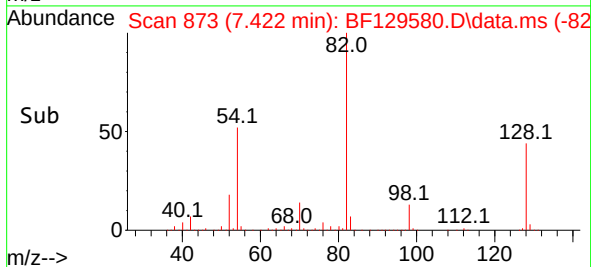
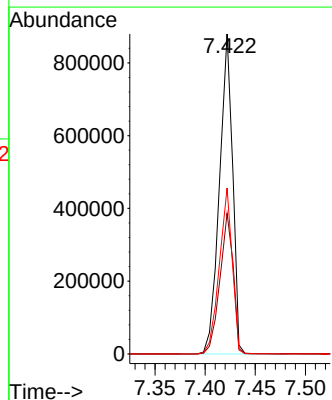
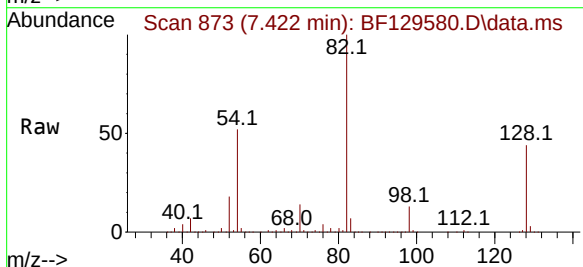
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.1	7.5	11.3
68	5.6	4.7	7.1

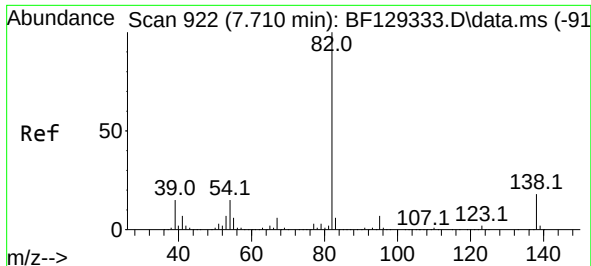


#23
Nitrobenzene-d5
Concen: 75.988 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion: 82 Resp: 802039

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	51.9	46.9	70.3

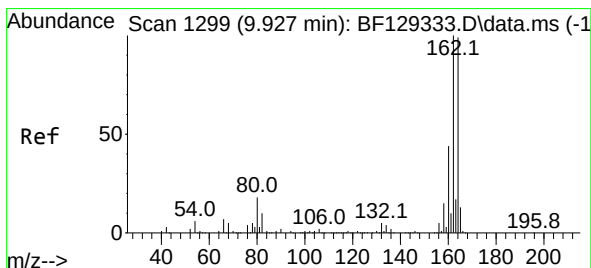
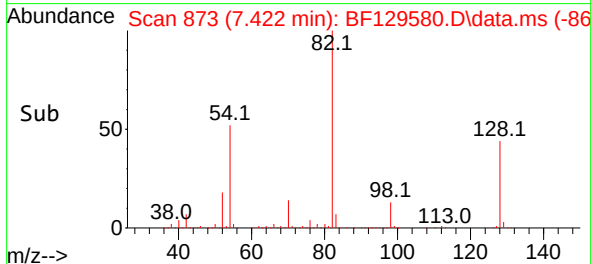
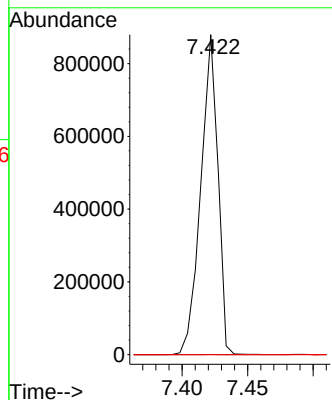
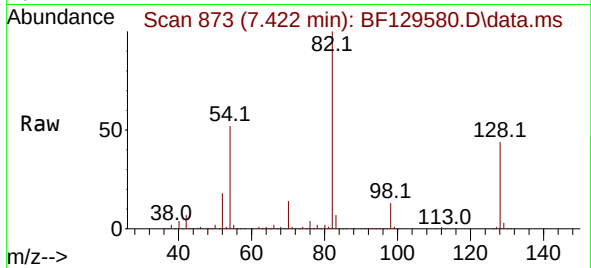




#25
Isophorone
Concen: 42.203 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

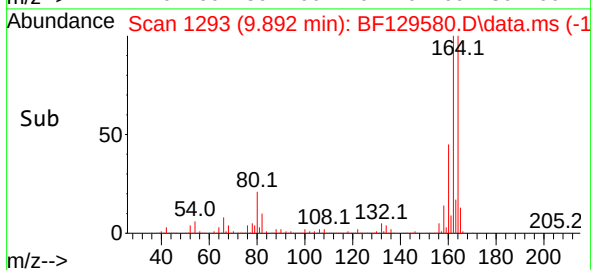
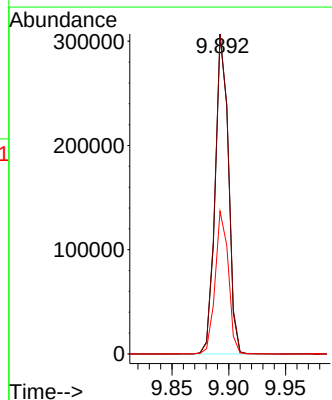
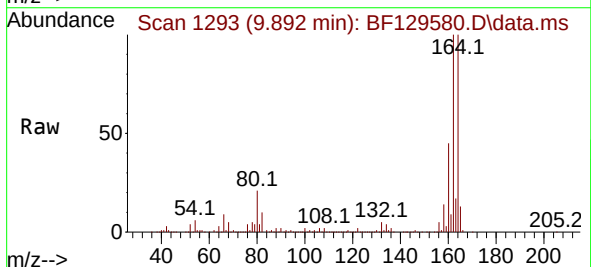
Instrument :
BNA_F
ClientSampleId :
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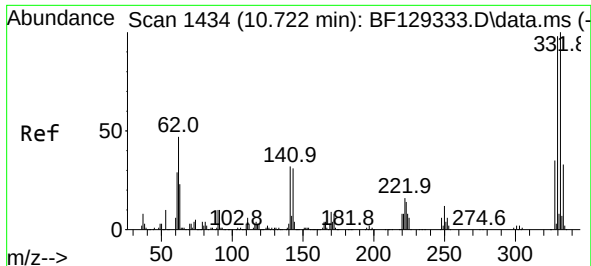
Tgt Ion: 82 Resp: 798469
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:164 Resp: 247684
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 44.8 34.2 51.4

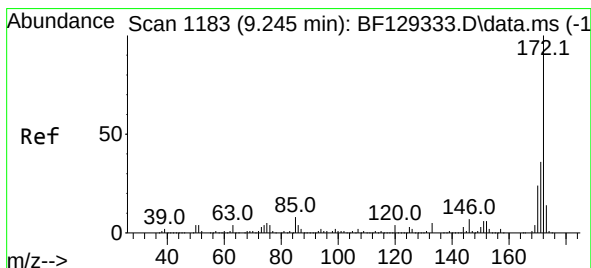
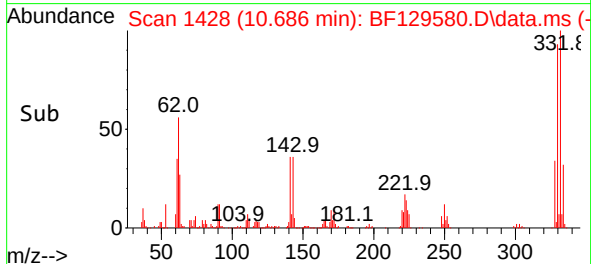
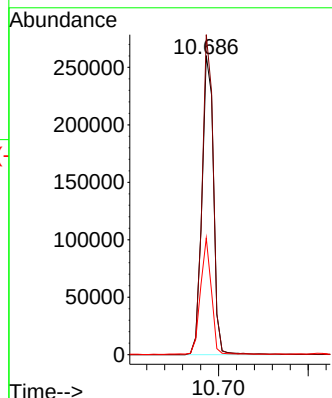
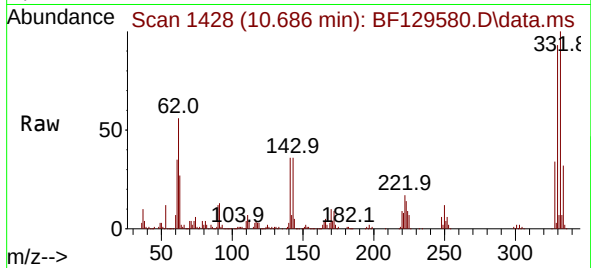




#42
2,4,6-Tribromophenol
Concen: 97.560 ng
RT: 10.686 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

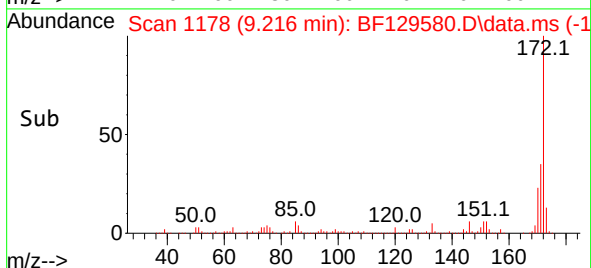
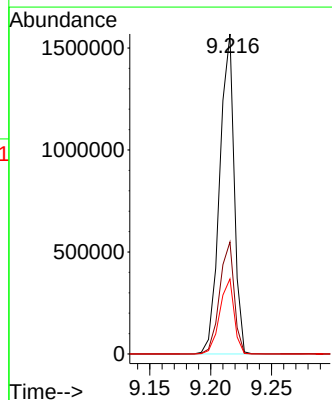
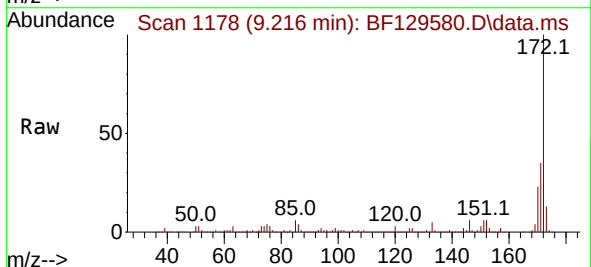
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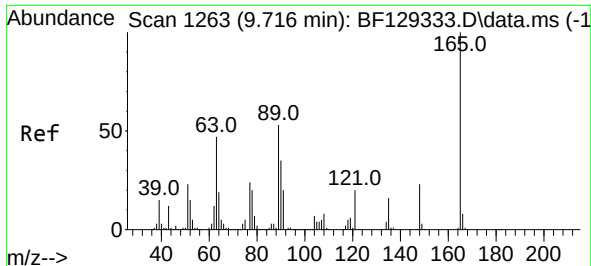
Tgt Ion:330 Resp: 232319
Ion Ratio Lower Upper
330 100
332 103.1 76.8 115.2
141 36.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 81.484 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:172 Resp: 1304652
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.4 19.8 29.8

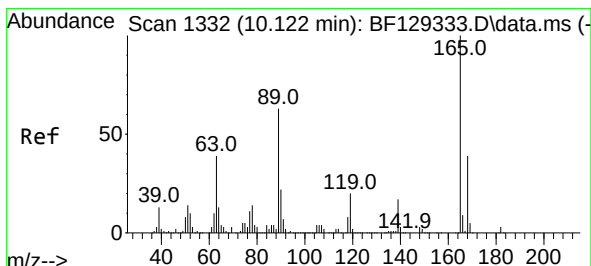
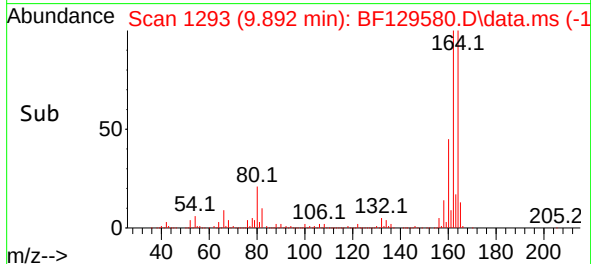
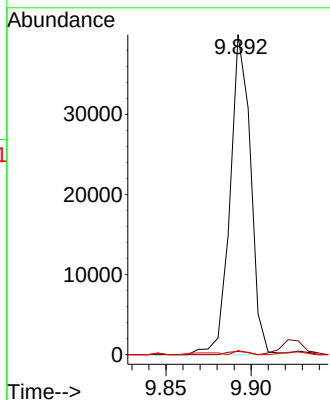
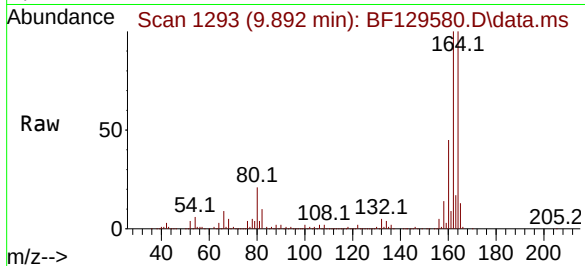




#51
2,6-Dinitrotoluene
Concen: 8.741 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.200 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

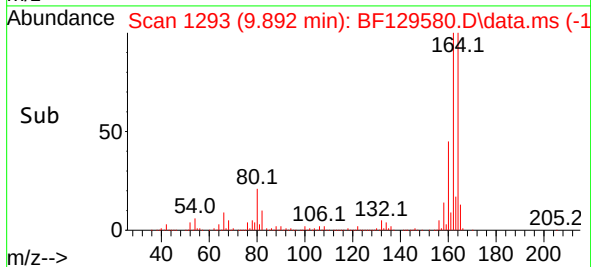
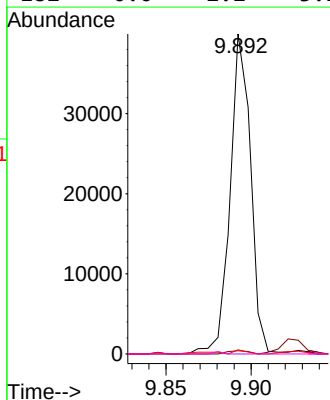
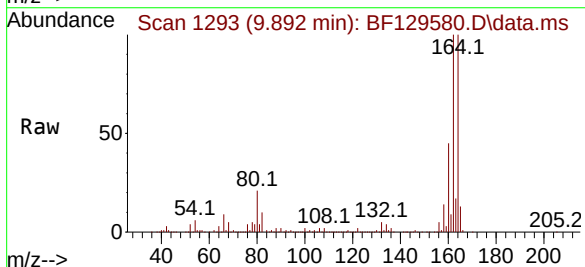
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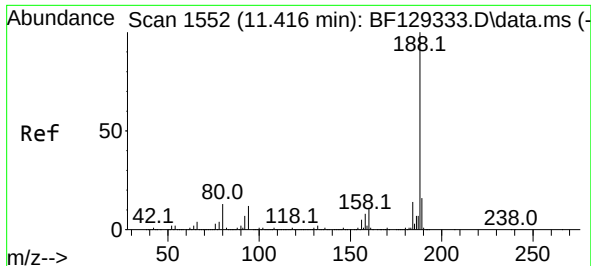
Tgt Ion:165 Resp: 33452
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.206 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:165 Resp: 33452
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

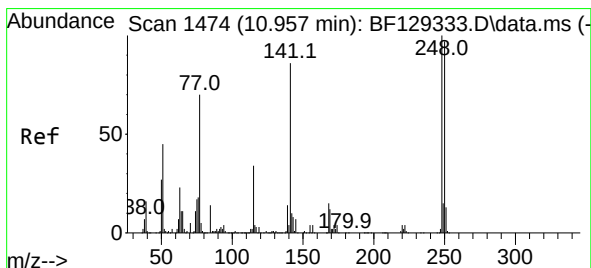
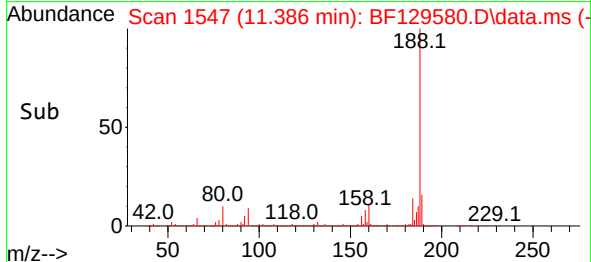
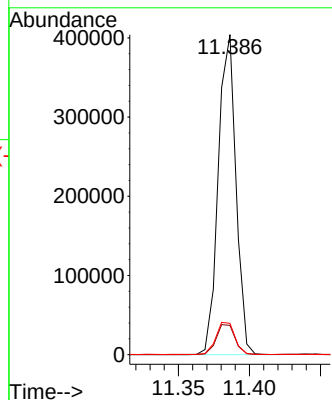
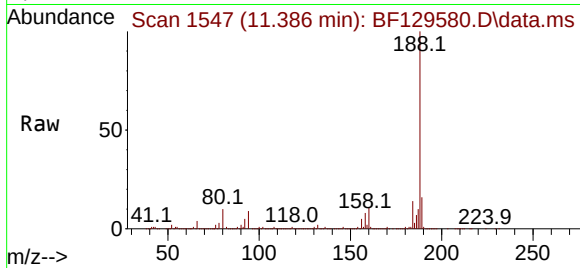




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

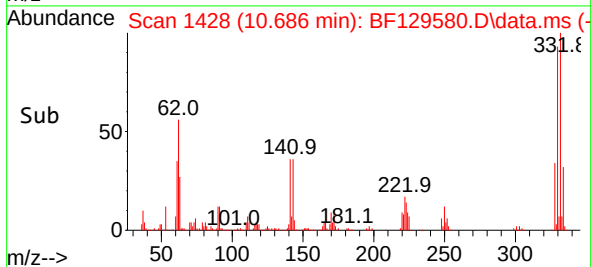
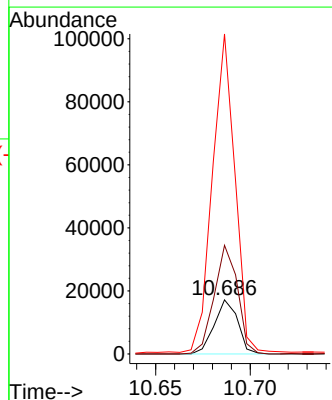
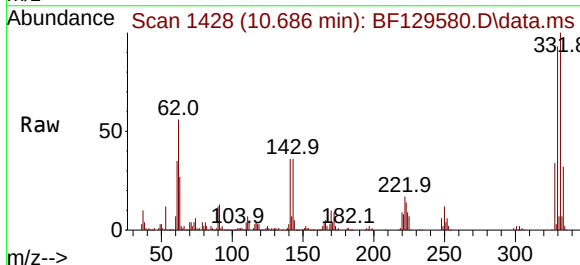
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ClientSampleId :
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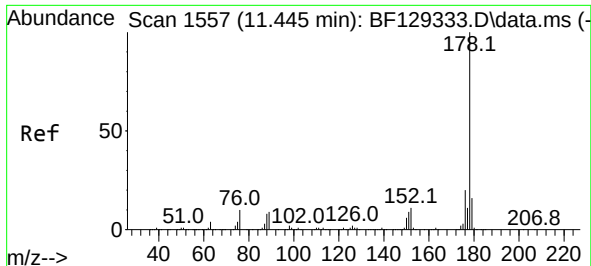
Tgt Ion:188 Resp: 349864
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.866 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:248 Resp: 14810
Ion Ratio Lower Upper
248 100
250 200.9 80.6 120.8#
141 591.4 58.9 88.3#

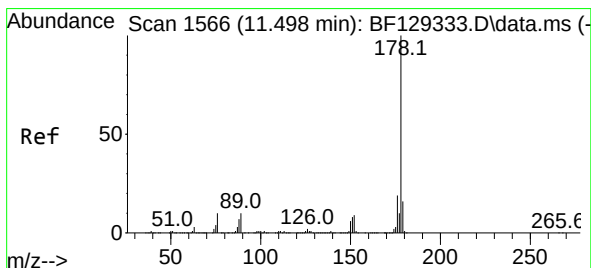
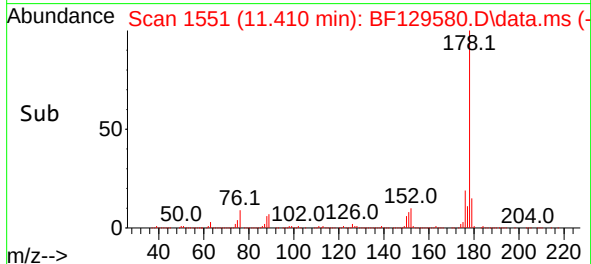
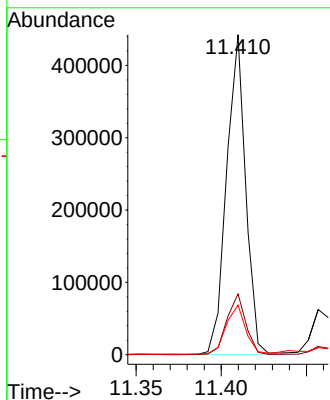
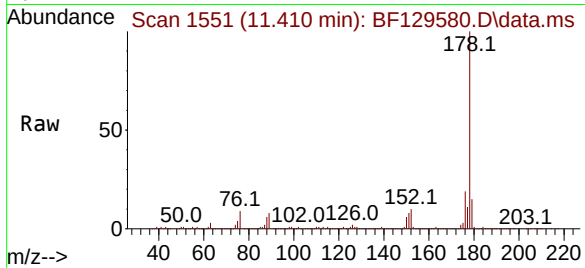




#71
Phenanthrene
Concen: 18.063 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

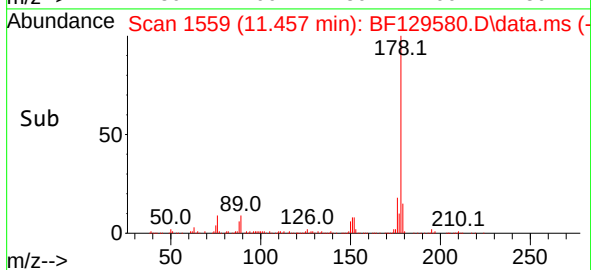
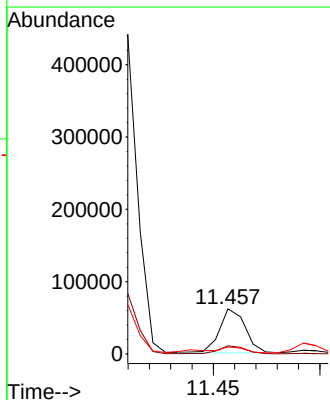
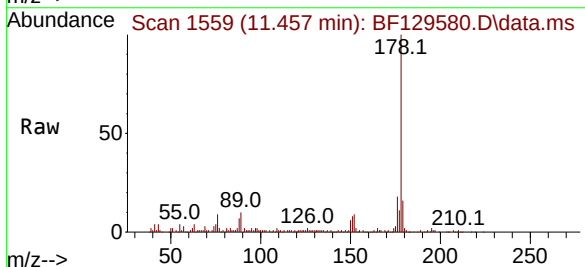
Instrument :
BNA_F
ClientSampleId :
SS-1RE

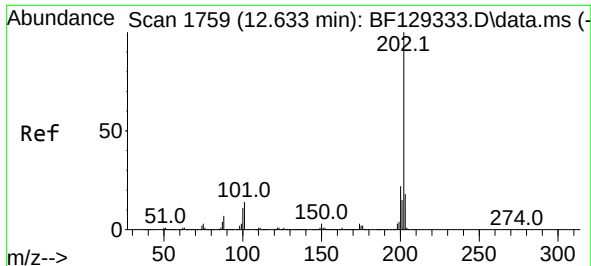
Tgt Ion:178 Resp: 344974
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.5 12.6 19.0



#72
Anthracene
Concen: 2.751 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.018 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:178 Resp: 51636
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 15.8 12.6 19.0

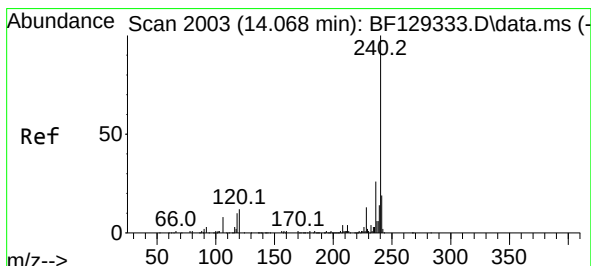
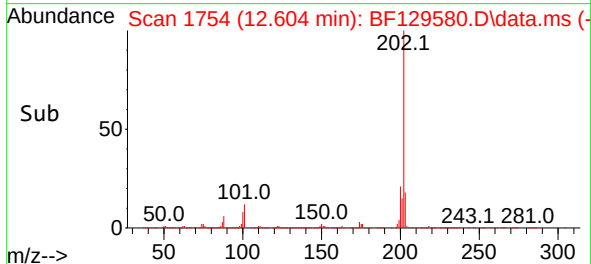
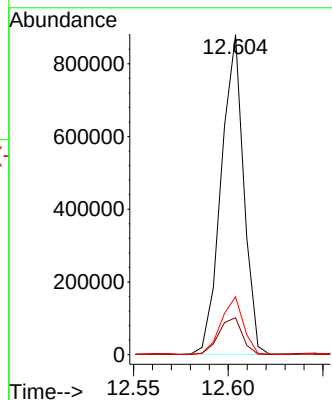
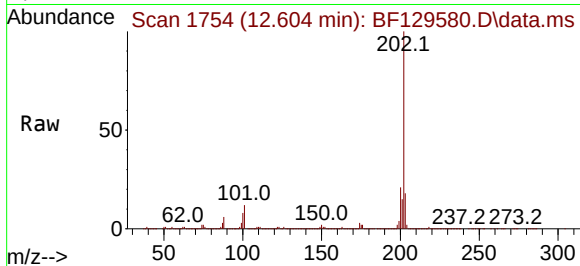




#75
Fluoranthene
Concen: 37.509 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

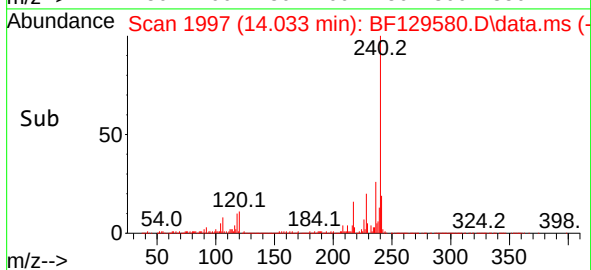
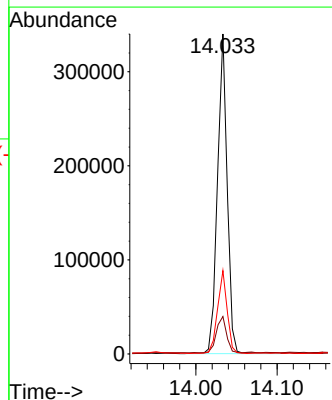
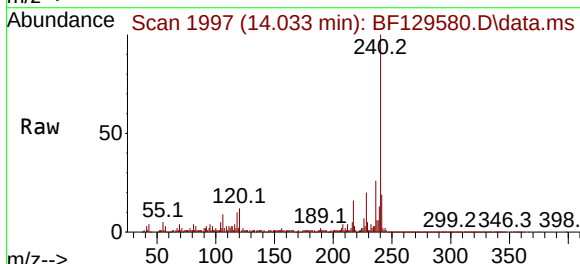
Instrument :
BNA_F
ClientSampleId :
SS-1RE

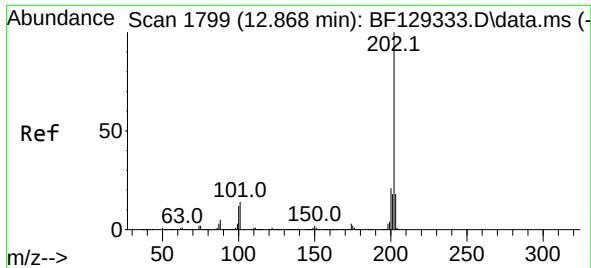
Tgt Ion:202 Resp: 725836
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 18.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:240 Resp: 281483
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.0 20.8 31.2

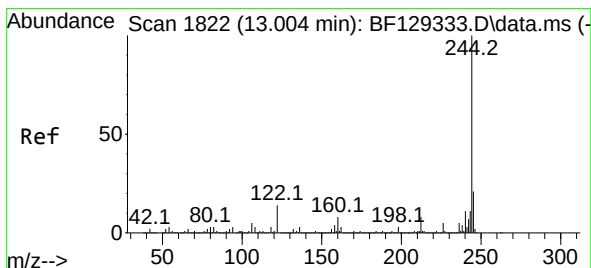
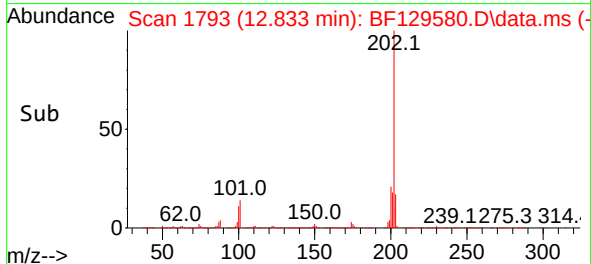
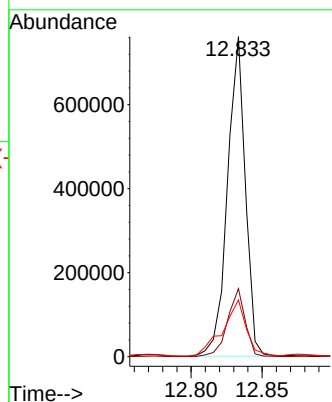
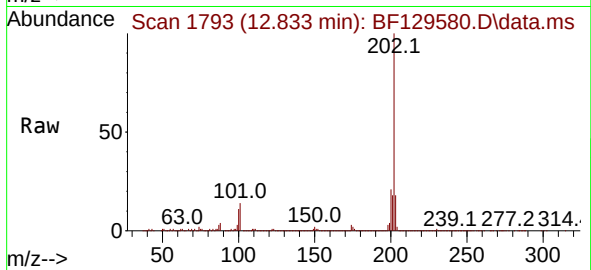




#78
Pyrene
Concen: 28.220 ng
RT: 12.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

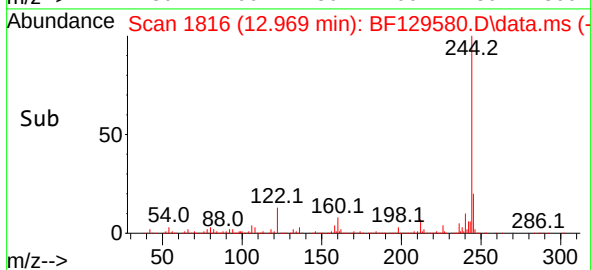
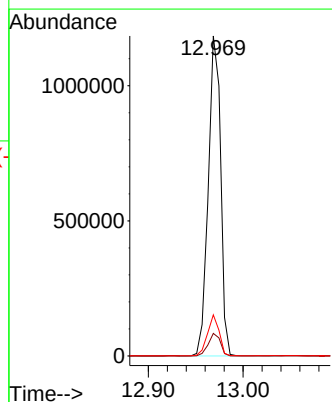
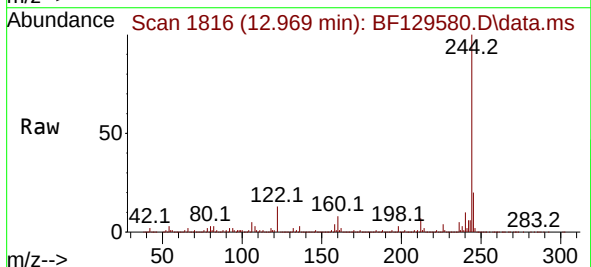
Instrument :
BNA_F
ClientSampleId :
SS-1RE

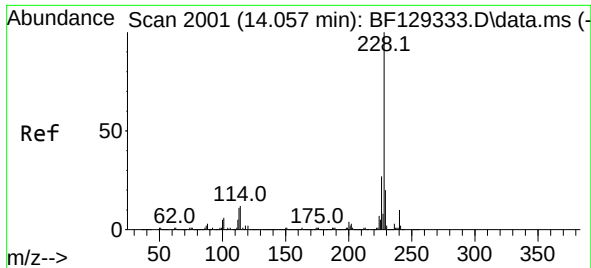
Tgt Ion:202 Resp: 664259
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.7 14.6 21.8



#79
Terphenyl-d14
Concen: 71.556 ng
RT: 12.969 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:244 Resp: 1067639
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 12.9 8.8 13.2

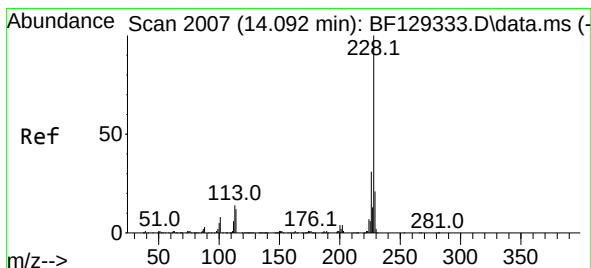
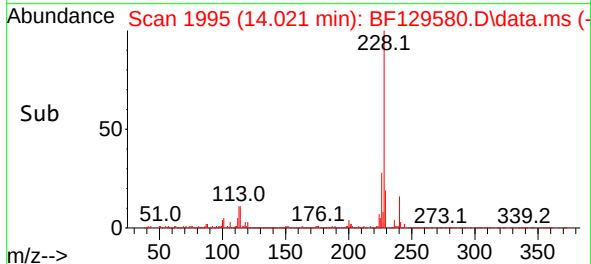
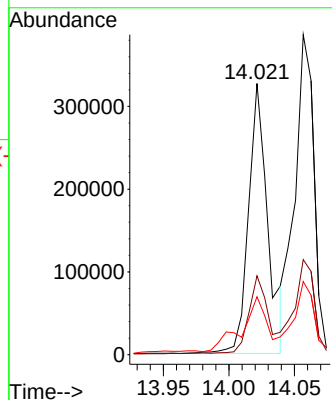
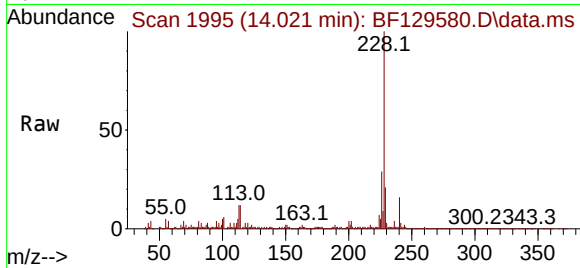




#81
Benzo(a)anthracene
Concen: 17.339 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

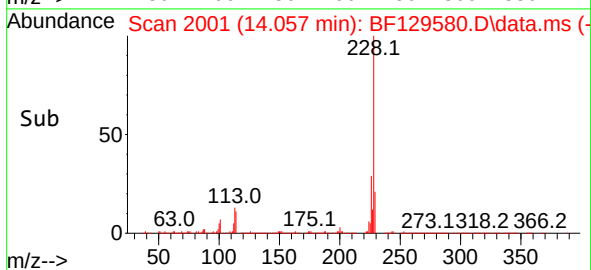
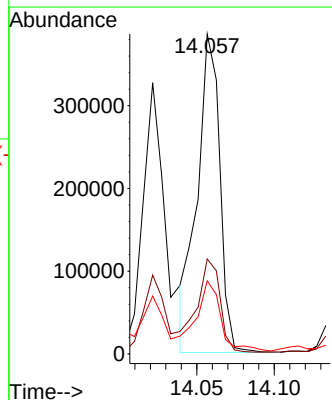
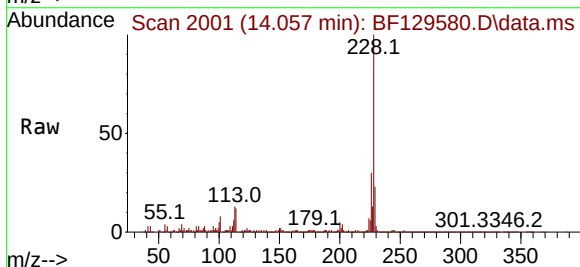
Instrument :
BNA_F
ClientSampleId :
SS-1RE

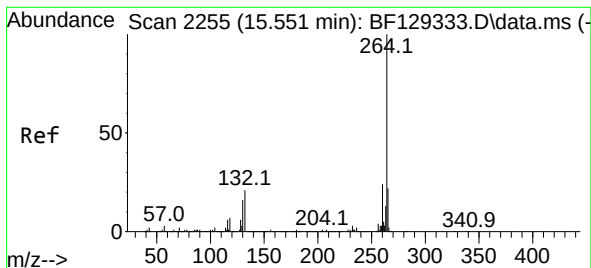
Tgt Ion:228 Resp: 333403
Ion Ratio Lower Upper
228 100
226 29.1 22.1 33.1
229 21.4 15.8 23.8



#83
Chrysene
Concen: 21.605 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:228 Resp: 391516
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 22.9 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129580.D

Acq: 04 Aug 2022 20:57

Instrument :

BNA_F

ClientSampleId :

SS-1RE

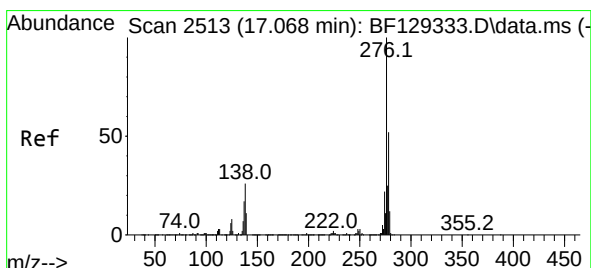
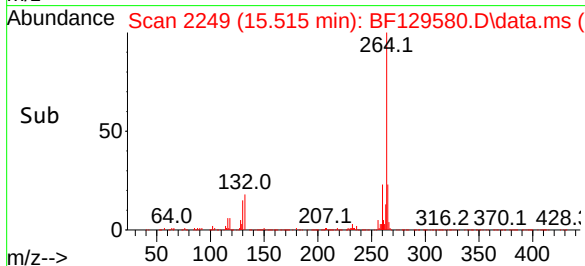
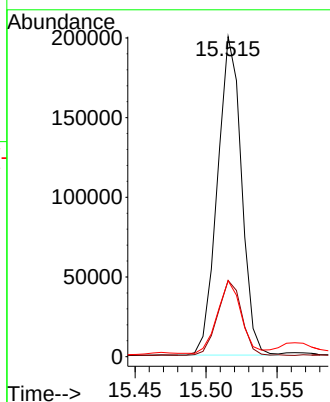
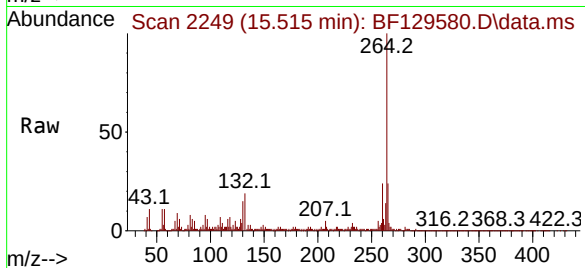
Tgt Ion:264 Resp: 235041

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 23.8 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 14.353 ng

RT: 17.009 min Scan# 2503

Delta R.T. -0.012 min

Lab File: BF129580.D

Acq: 04 Aug 2022 20:57

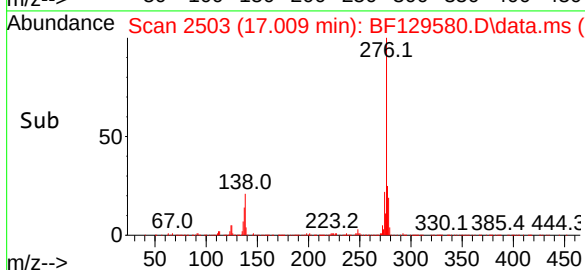
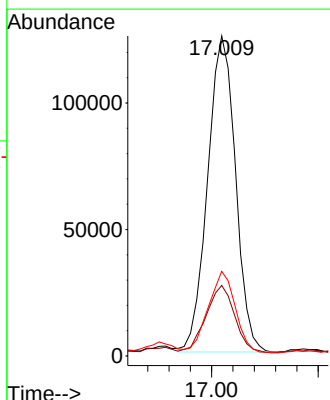
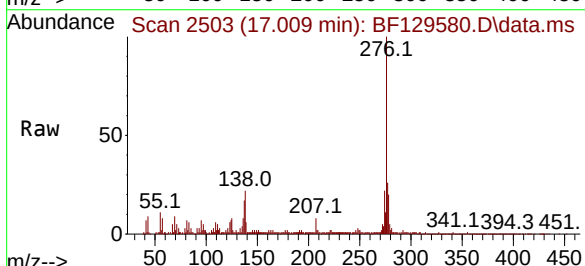
Tgt Ion:276 Resp: 227178

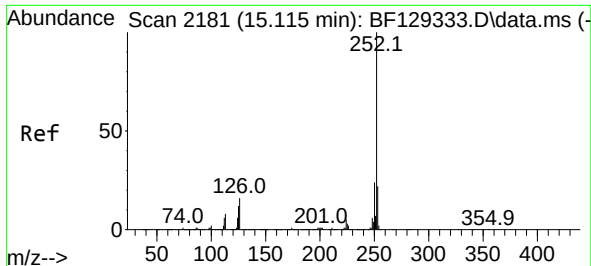
Ion Ratio Lower Upper

276 100

138 21.6 21.1 31.7

277 25.2 20.3 30.5

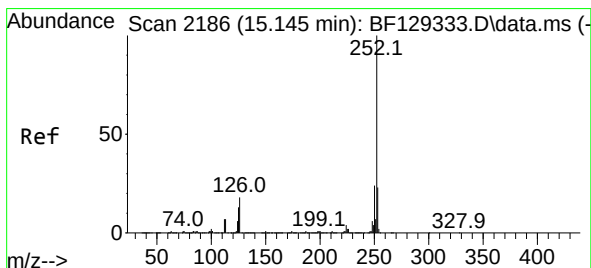
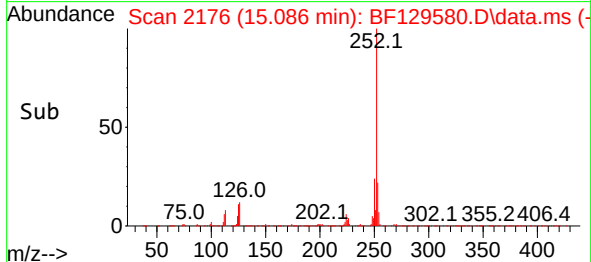
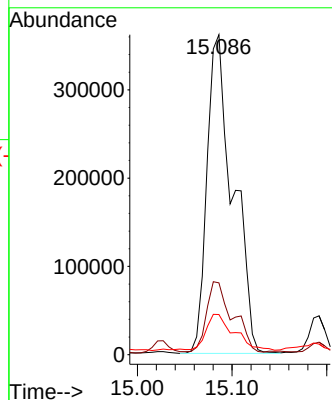
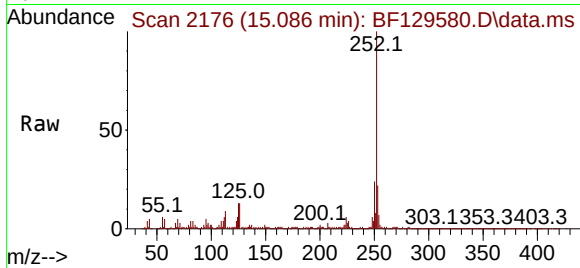




#88
Benzo(b)fluoranthene
Concen: 44.311 ng
RT: 15.086 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

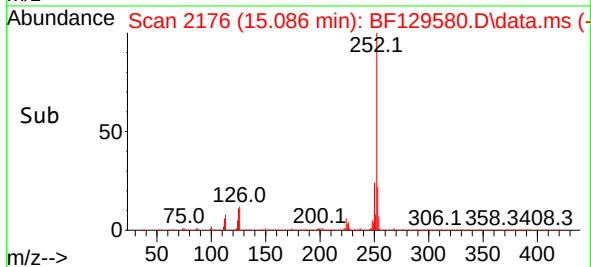
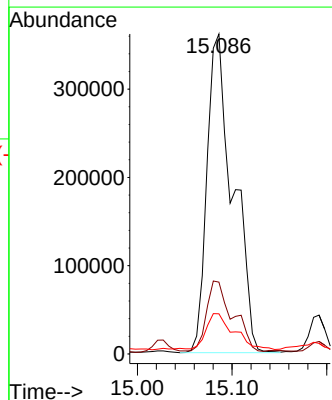
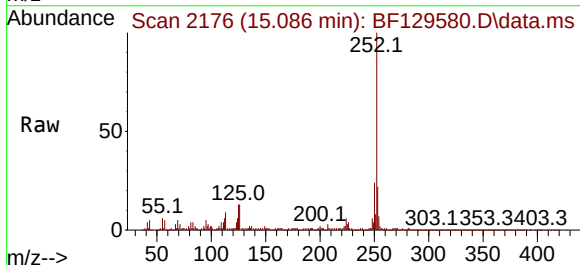
Instrument :
BNA_F
ClientSampleId :
SS-1RE

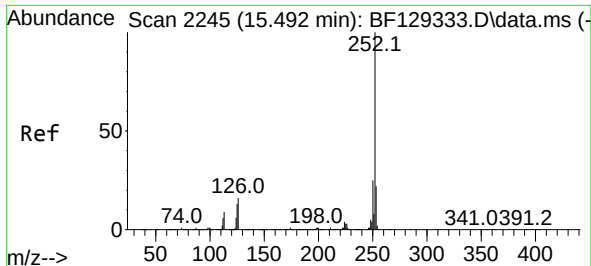
Tgt Ion:252 Resp: 690855
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.5 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 45.217 ng
RT: 15.086 min Scan# 2176
Delta R.T. -0.029 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:252 Resp: 690855
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 12.5 8.3 12.5#

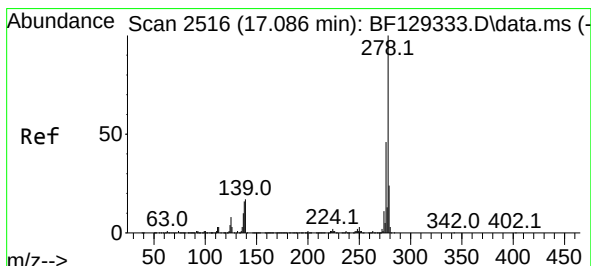
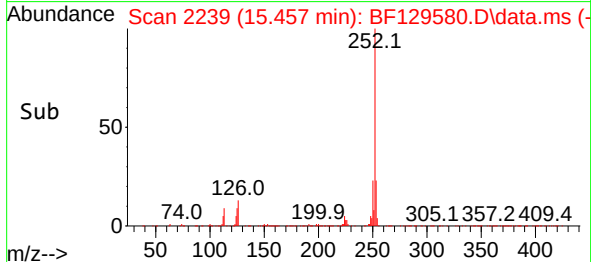
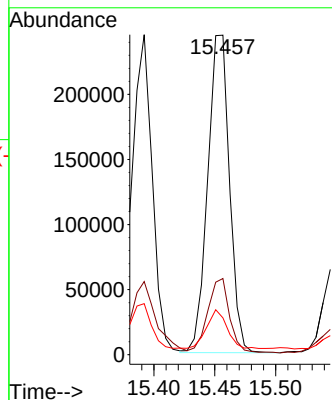
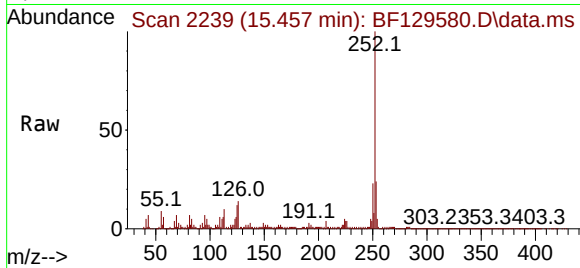




#90
Benzo(a)pyrene
Concen: 24.044 ng
RT: 15.457 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

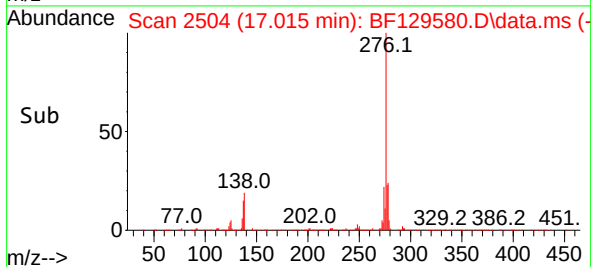
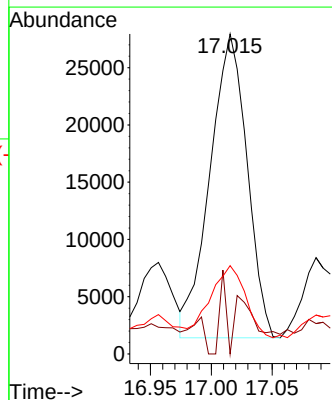
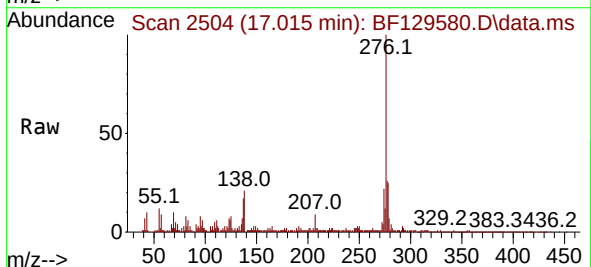
Instrument :
BNA_F
ClientSampleId :
SS-1RE

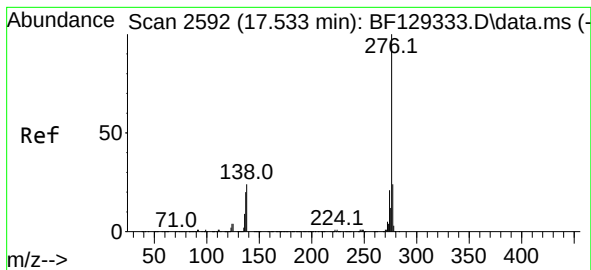
Tgt Ion:252 Resp: 304305
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 11.5 8.8 13.2



#91
Dibenzo(a,h)anthracene
Concen: 4.357 ng
RT: 17.015 min Scan# 2504
Delta R.T. -0.018 min
Lab File: BF129580.D
Acq: 04 Aug 2022 20:57

Tgt Ion:278 Resp: 56133
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 27.6 18.6 28.0





#92

Benzo(g,h,i)perylene

Concen: 19.154 ng

RT: 17.468 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129580.D

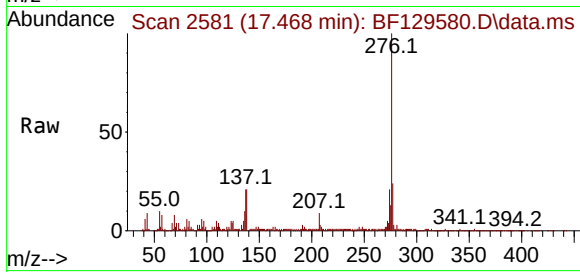
Acq: 04 Aug 2022 20:57

Instrument :

BNA_F

ClientSampleId :

SS-1RE



Tgt Ion:276 Resp: 252140

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 20.8 18.0 27.0

