

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129142.D
 Acq On : 06 Jul 2022 14:46
 Operator : CG\JU
 Sample : N3562-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16

Quant Time: Jul 06 15:39:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

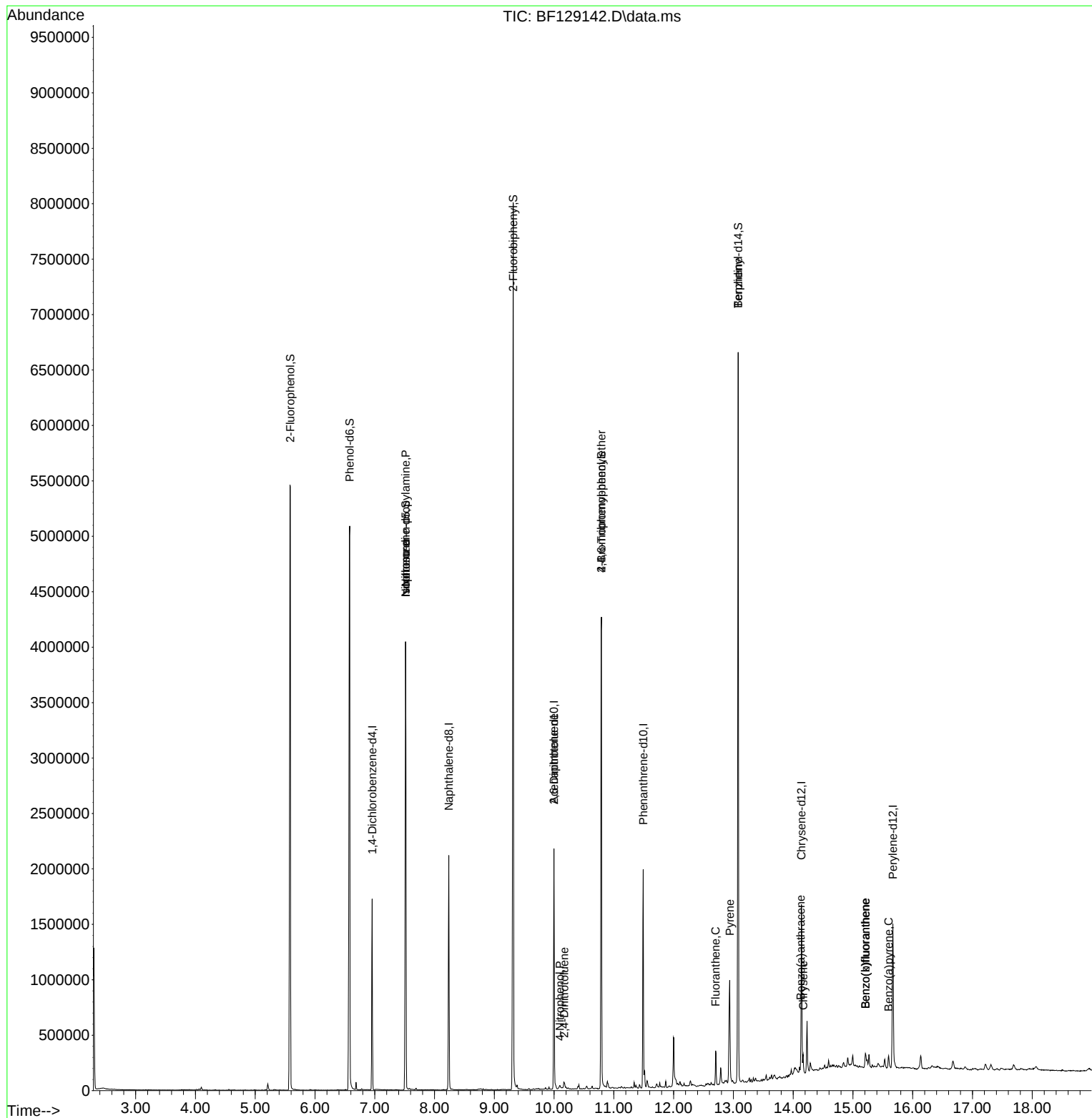
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	242553	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	890195	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	427123	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	680281	20.000	ng	0.00
76) Chrysene-d12	14.139	240	495496	20.000	ng	-0.01
86) Perylene-d12	15.668	264	568765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1750319	122.000	ng	0.00
7) Phenol-d6	6.581	99	2150232	120.675	ng	0.00
23) Nitrobenzene-d5	7.516	82	1381742	92.582	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	585873	126.148	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2492309	93.349	ng	0.00
79) Terphenyl-d14	13.080	244	2254141	94.471	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.516	77	270	Below Cal	#	42
19) n-Nitroso-di-n-propyla...	7.516	70	181664	17.624	ng	# 71
25) Isophorone	7.516	82	1349826	53.516	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	56957	10.431	ng	# 25
56) 4-Nitrophenol	10.098	139	11390	2.141	ng	99
57) 2,4-Dinitrotoluene	10.169	165	14373	2.132	ng	88
67) 4-Bromophenyl-phenylether	10.792	248	34209	4.727	ng	# 1
75) Fluoranthene	12.704	202	127431	3.749	ng	97
77) Benzidine	13.080	184	29517	3.345	ng	# 93
78) Pyrene	12.939	202	549194	15.990	ng	97
81) Benzo(a)anthracene	14.127	228	72481	2.396	ng	100
83) Chrysene	14.169	228	70128	2.497	ng	97
88) Benzo(b)fluoranthene	15.210	252	99625	2.913	ng	# 94
89) Benzo(k)fluoranthene	15.210	252	99625	3.003	ng	# 95
90) Benzo(a)pyrene	15.598	252	57187	2.051	ng	98

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

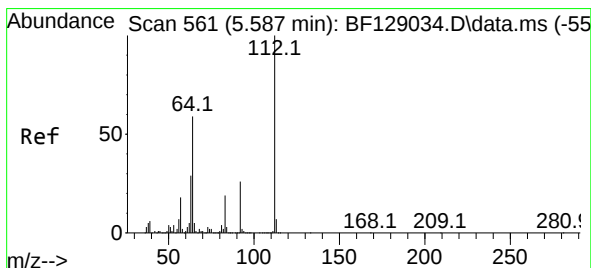
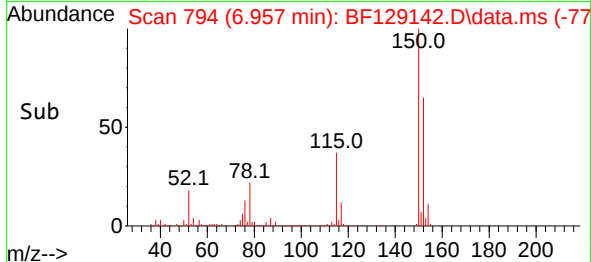
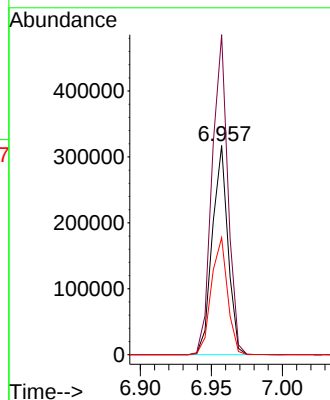
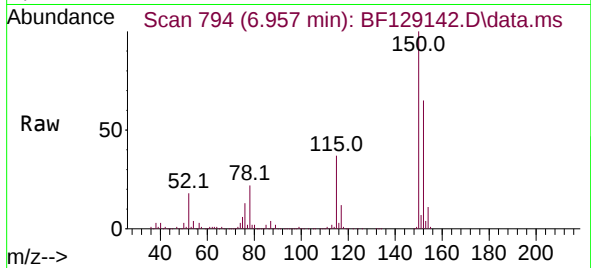




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

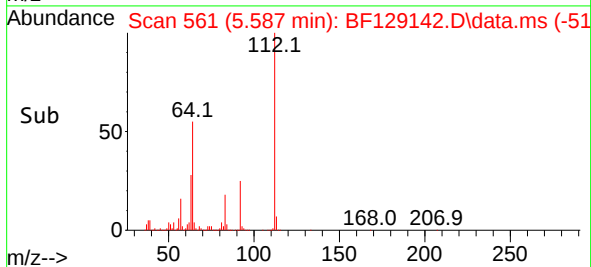
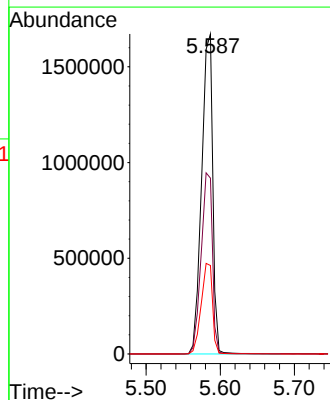
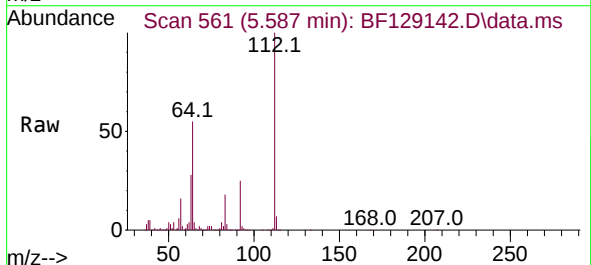
Instrument :
BNA_F
ClientSampleId :
SB-16

Tgt Ion:152 Resp: 242553
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 55.9 49.9 74.9



#5
2-Fluorophenol
Concen: 122.000 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:112 Resp: 1750319
Ion Ratio Lower Upper
112 100
64 55.0 53.3 79.9
63 27.7 28.0 42.0

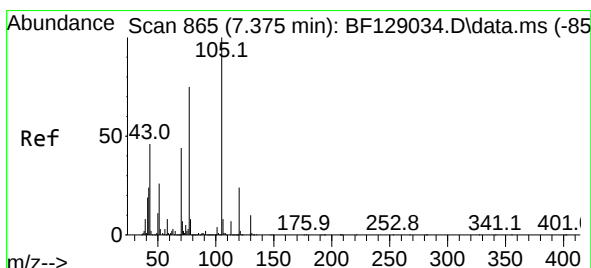
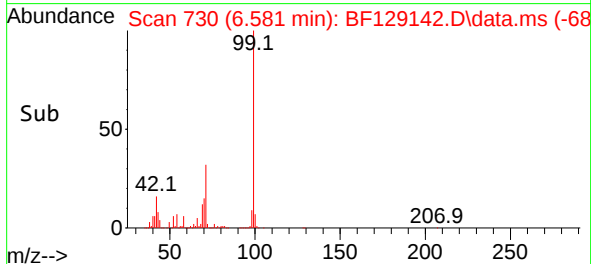
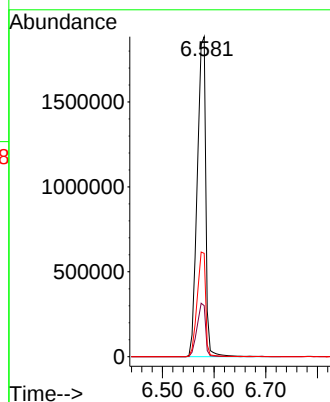
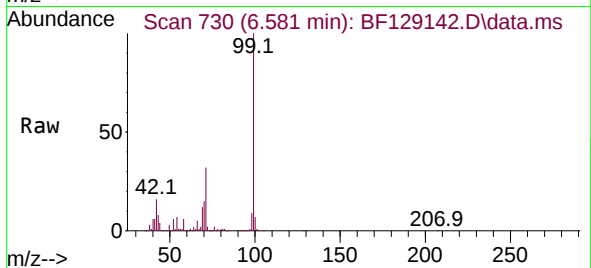




#7
Phenol-d6
Concen: 120.675 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

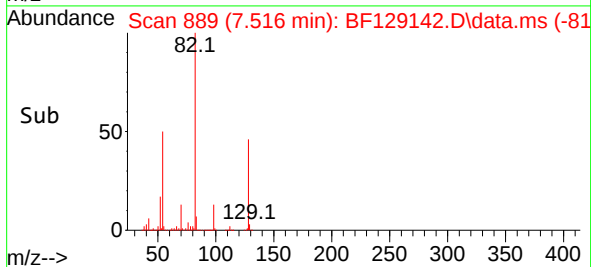
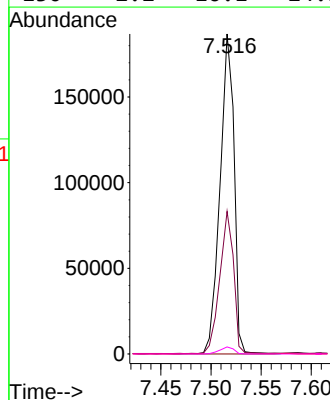
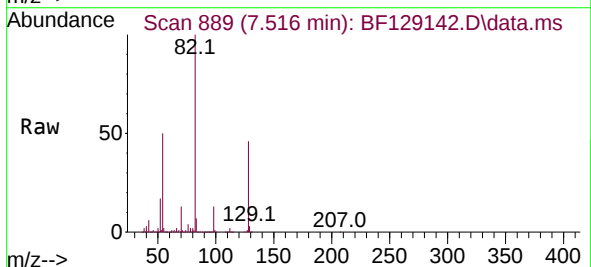
Instrument :
BNA_F
ClientSampleId :
SB-16

Tgt Ion: 99 Resp: 2150232
Ion Ratio Lower Upper
99 100
42 15.9 17.3 25.9#
71 32.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.624 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion: 70 Resp: 181664
Ion Ratio Lower Upper
70 100
42 44.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

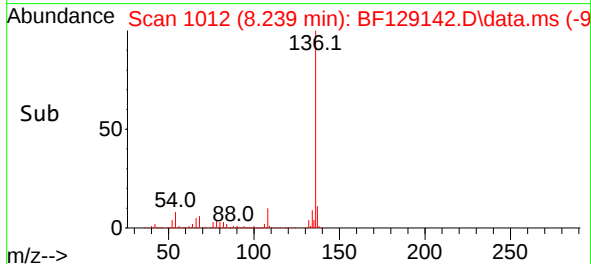
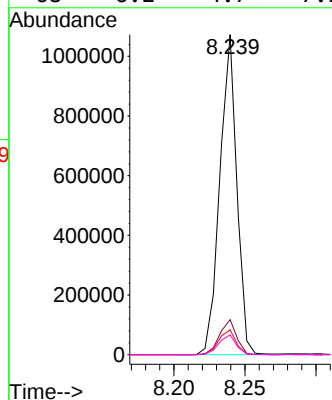
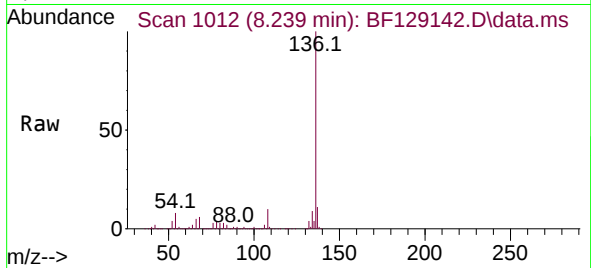




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

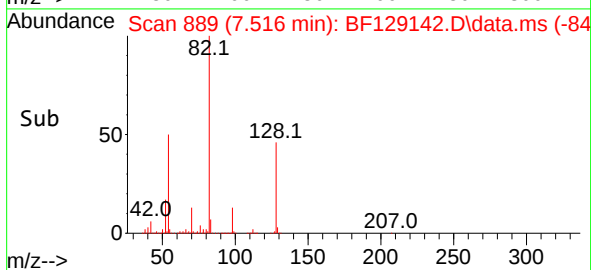
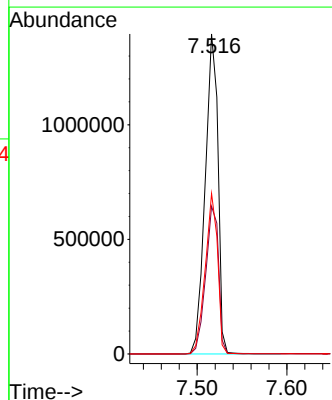
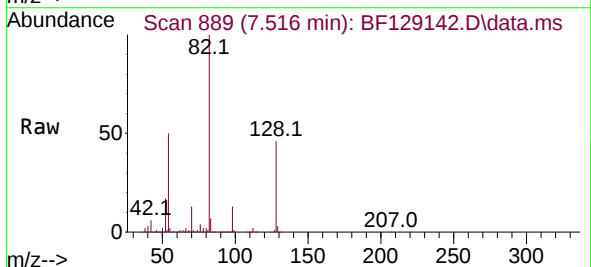
Instrument :
BNA_F
ClientSampleId :
SB-16

Tgt Ion:136 Resp: 890195
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 7.5 11.3
68 6.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 92.582 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion: 82 Resp: 1381742
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 50.1 46.9 70.3

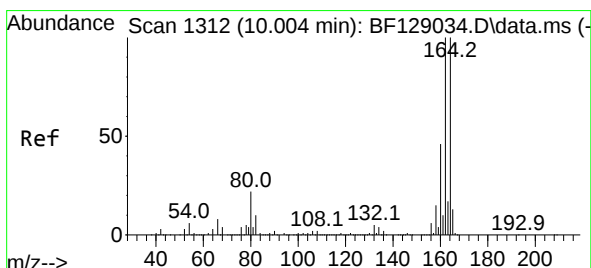
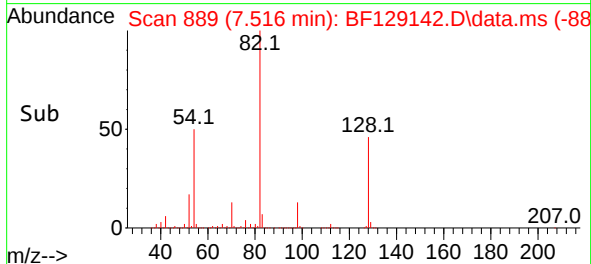
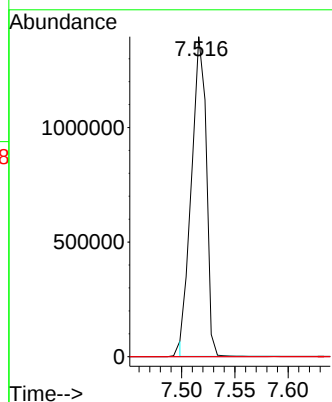
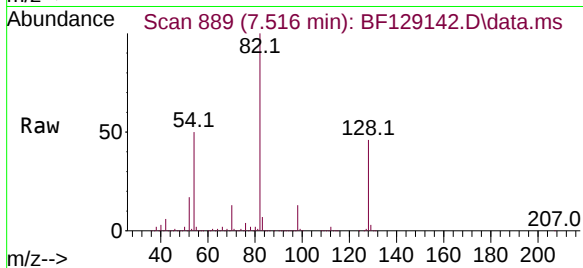




#25
Isophorone
Concen: 53.516 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

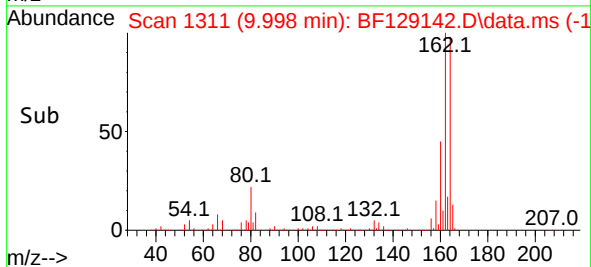
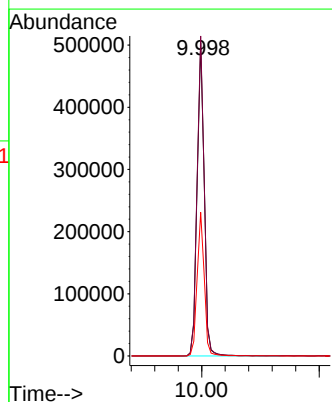
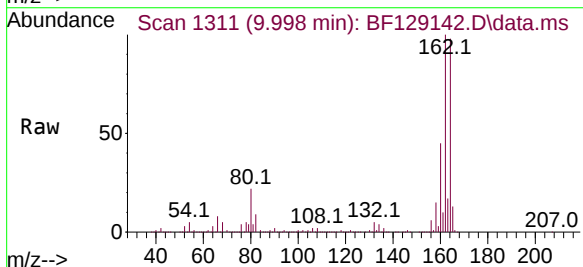
Instrument :
BNA_F
ClientSampleId :
SB-16

Tgt Ion: 82 Resp: 1349826
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: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:164 Resp: 427123
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.148 ng

RT: 10.792 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SB-16

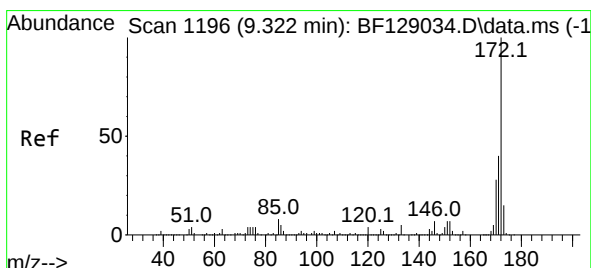
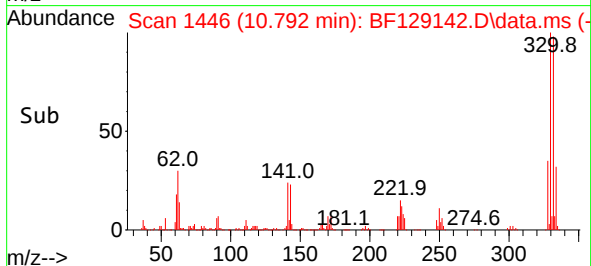
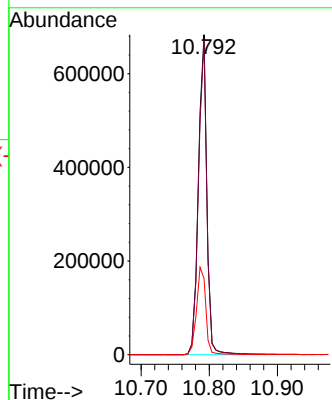
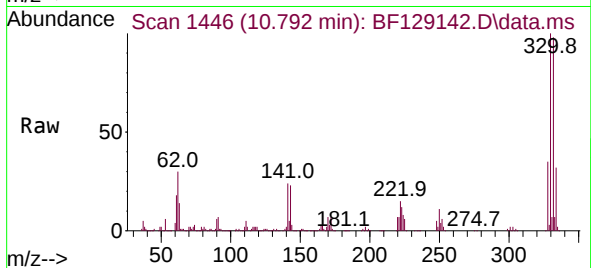
Tgt Ion:330 Resp: 585873

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 30.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 93.349 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

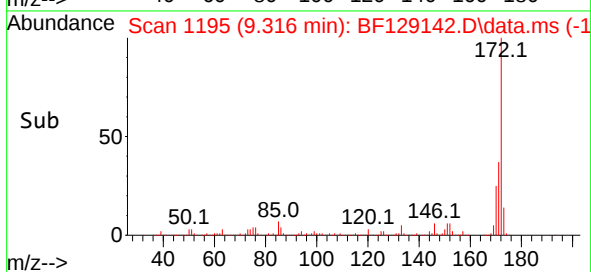
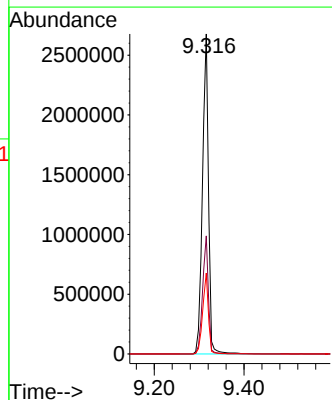
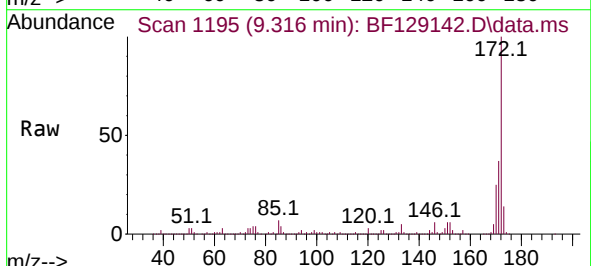
Tgt Ion:172 Resp: 2492309

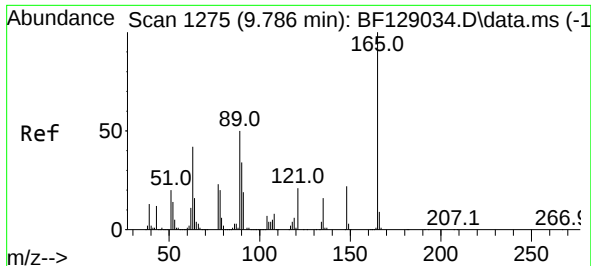
Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 25.3 19.8 29.8

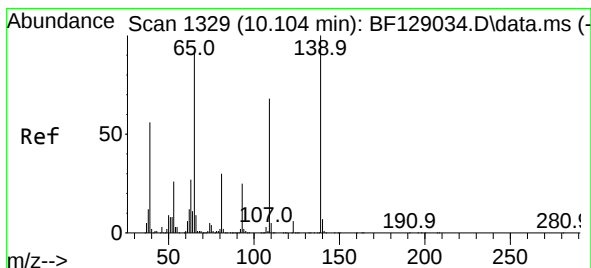
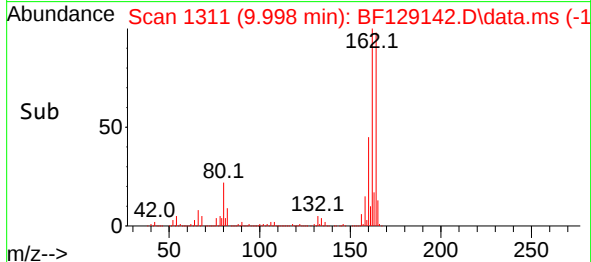
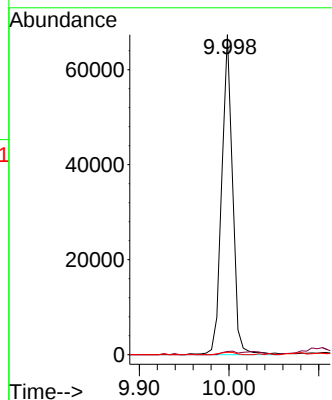
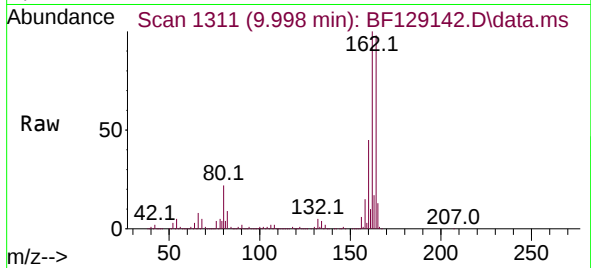




#51
2,6-Dinitrotoluene
Concen: 10.431 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

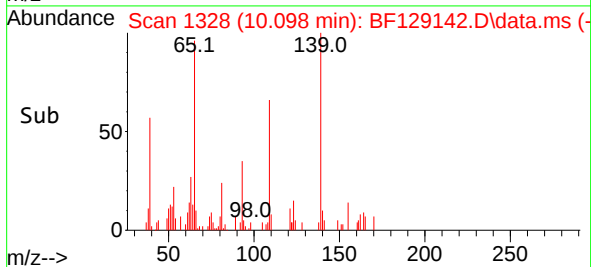
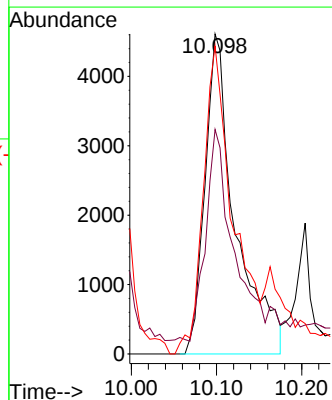
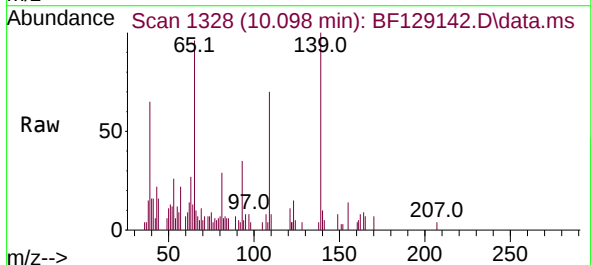
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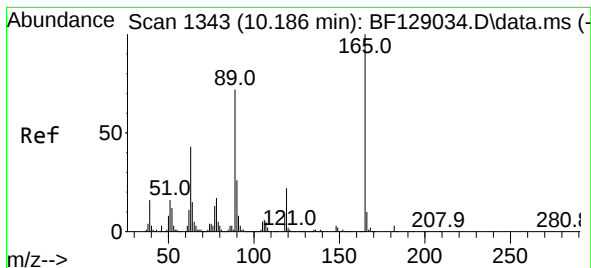
Tgt Ion:165 Resp: 56957
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 0.7 43.6 65.4#



#56
4-Nitrophenol
Concen: 2.141 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:139 Resp: 11390
Ion Ratio Lower Upper
139 100
109 70.1 50.7 90.7
65 96.2 74.5 114.5

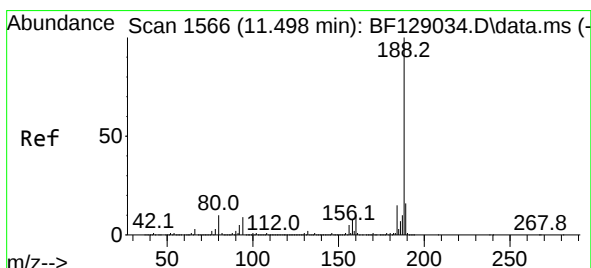
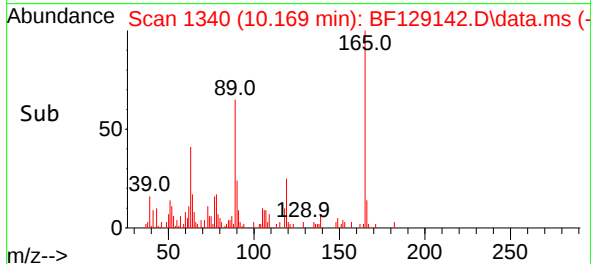
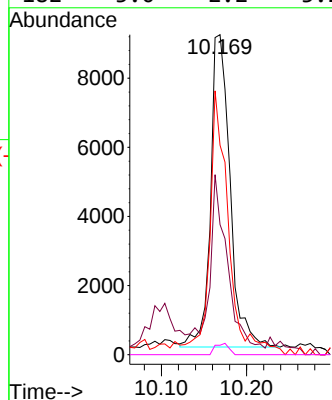
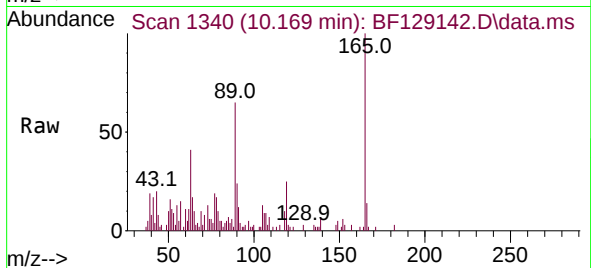




#57
2,4-Dinitrotoluene
Concen: 2.132 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

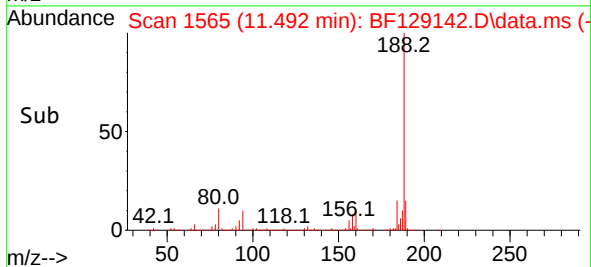
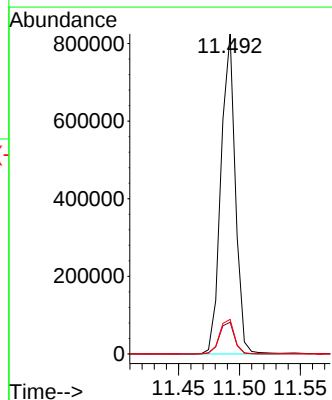
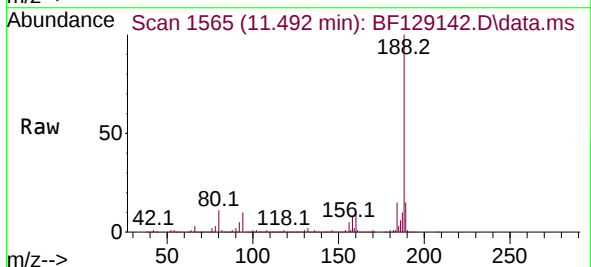
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ClientSampleId :
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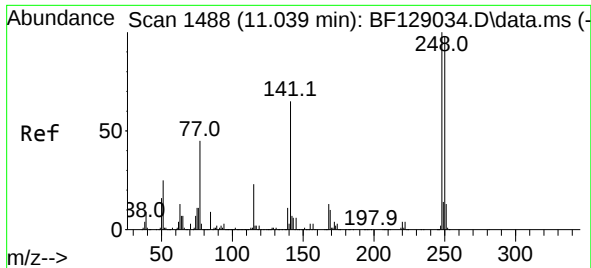
Tgt Ion:	165	Resp:	14373
Ion	Ratio	Lower	Upper
165	100		
63	40.6	39.8	59.6
89	65.5	60.2	90.2
182	3.0	2.2	3.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:	188	Resp:	680281
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.0	10.6
80	10.8	7.6	11.4

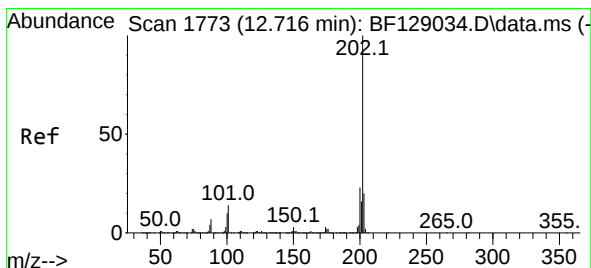
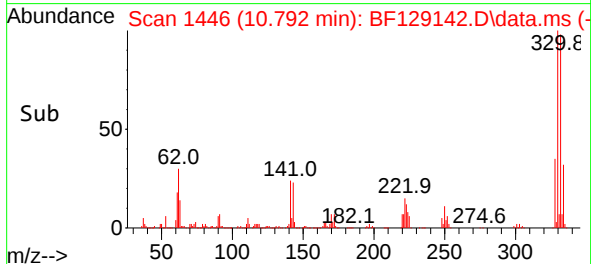
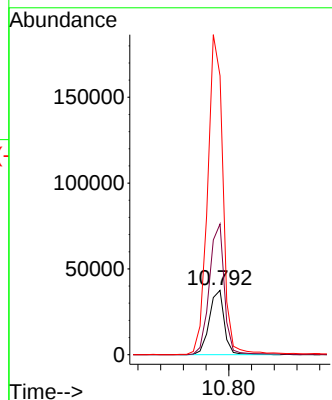
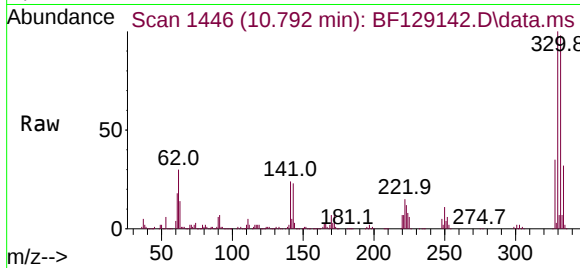




#67
4-Bromophenyl-phenylether
Concen: 4.727 ng
RT: 10.792 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

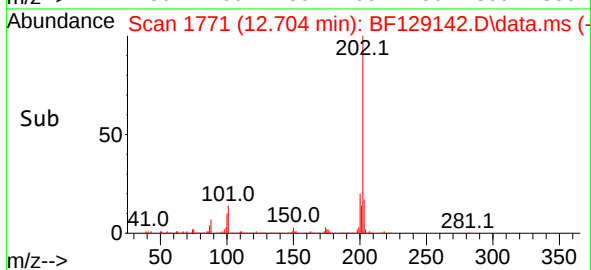
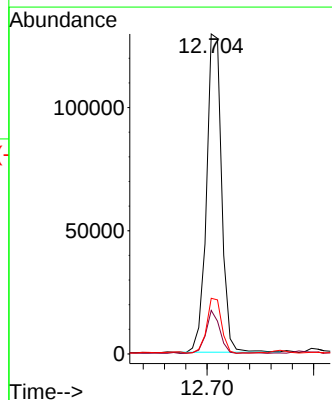
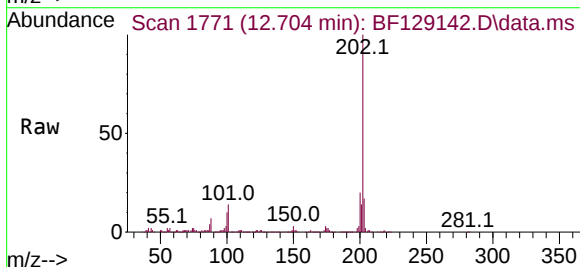
Instrument :
BNA_F
ClientSampleId :
SB-16

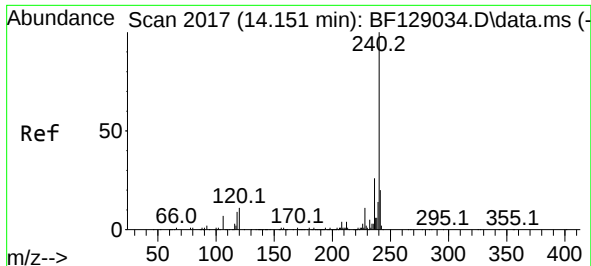
Tgt Ion:248 Resp: 34209
Ion Ratio Lower Upper
248 100
250 203.0 80.6 120.8#
141 433.1 58.9 88.3#



#75
Fluoranthene
Concen: 3.749 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:202 Resp: 127431
Ion Ratio Lower Upper
202 100
101 13.6 0.0 31.4
203 17.4 0.0 38.0

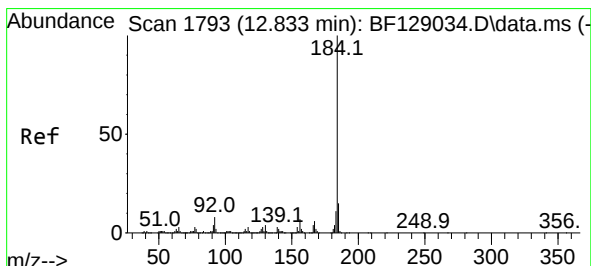
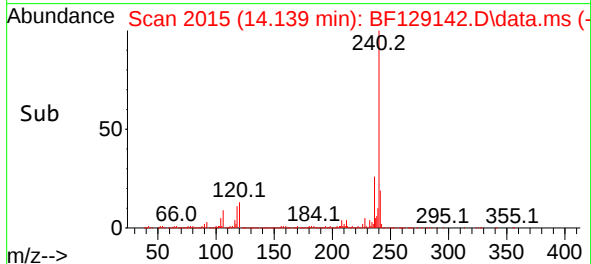
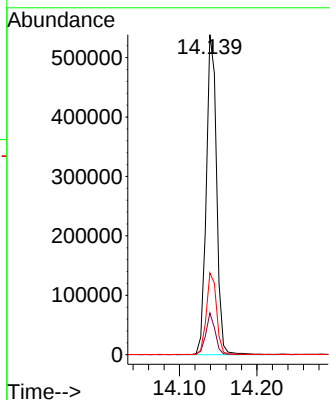
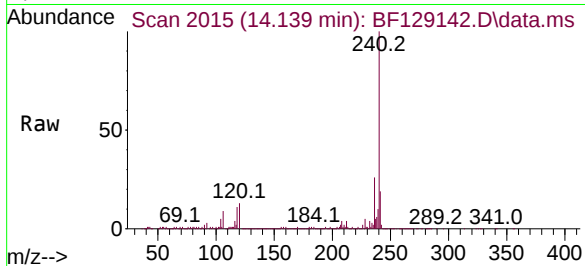




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

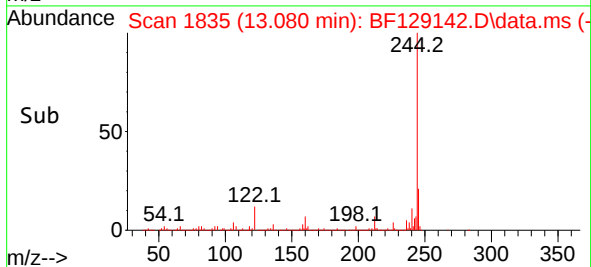
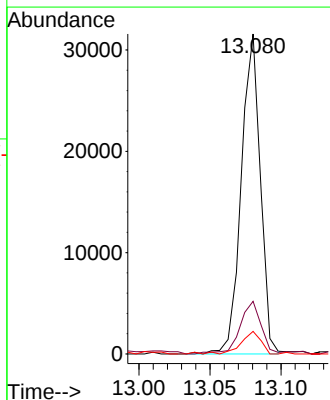
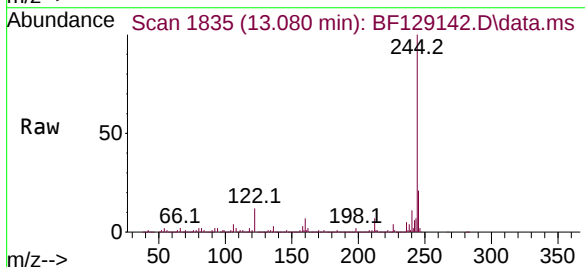
Instrument :
BNA_F
ClientSampleId :
SB-16

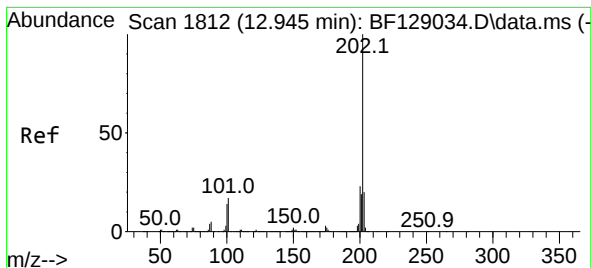
Tgt Ion:240 Resp: 495496
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 25.6 20.8 31.2



#77
Benzidine
Concen: 3.345 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:184 Resp: 29517
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 7.0 9.3 13.9#





#78

Pyrene

Concen: 15.990 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SB-16

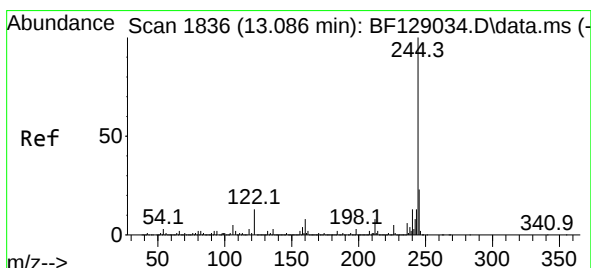
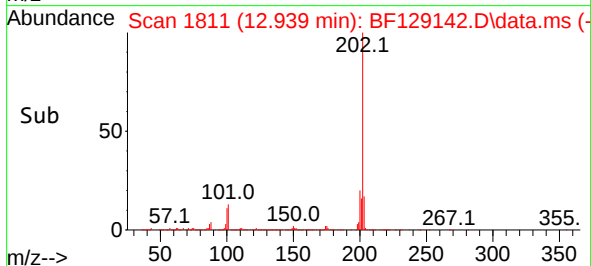
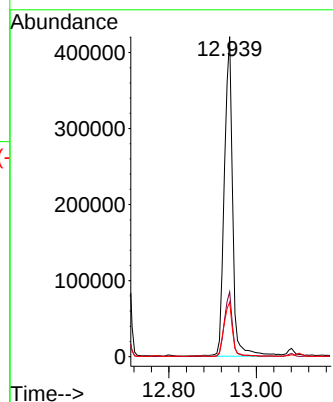
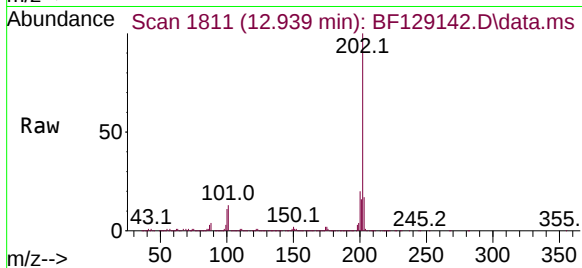
Tgt Ion:202 Resp: 549194

Ion Ratio Lower Upper

202 100

200 20.3 17.7 26.5

203 17.1 14.6 21.8



#79

Terphenyl-d14

Concen: 94.471 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

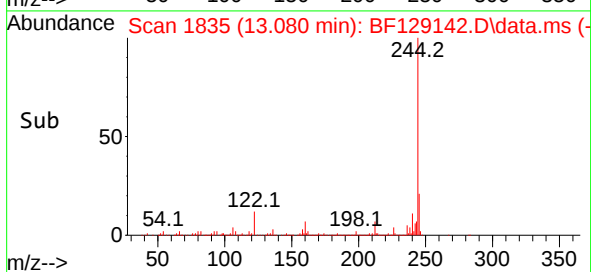
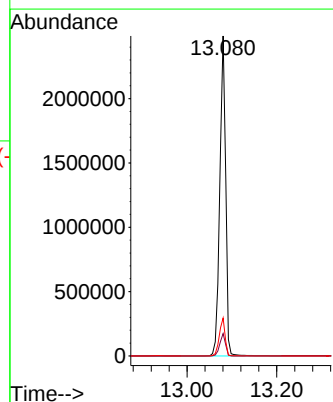
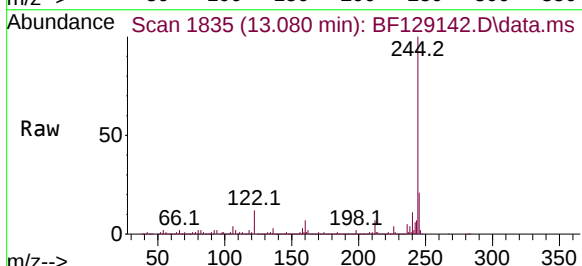
Tgt Ion:244 Resp: 2254141

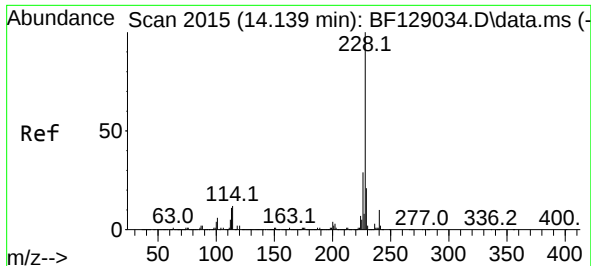
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 11.8 8.8 13.2

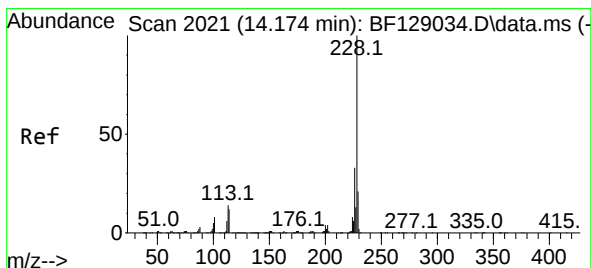
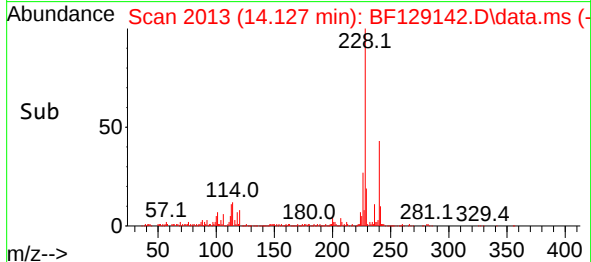
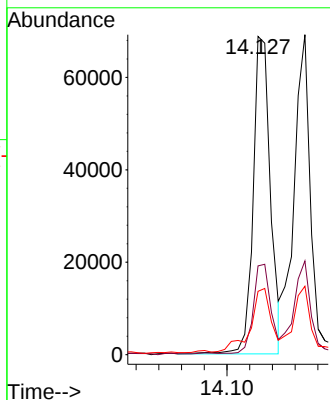
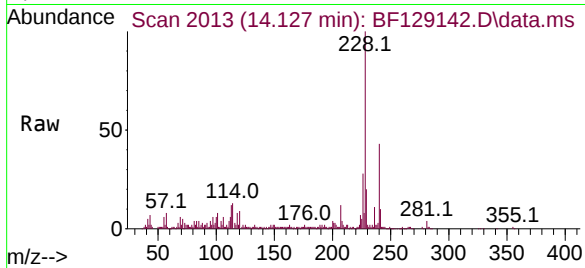




#81
Benzo(a)anthracene
Concen: 2.396 ng
RT: 14.127 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

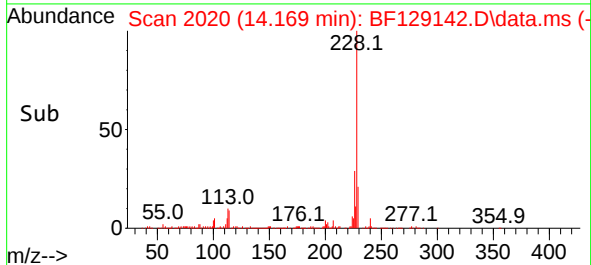
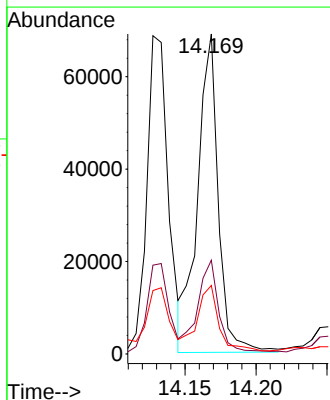
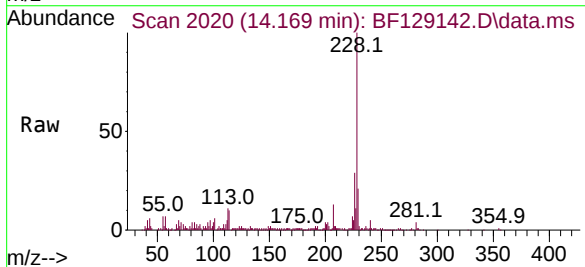
Instrument :
BNA_F
ClientSampleId :
SB-16

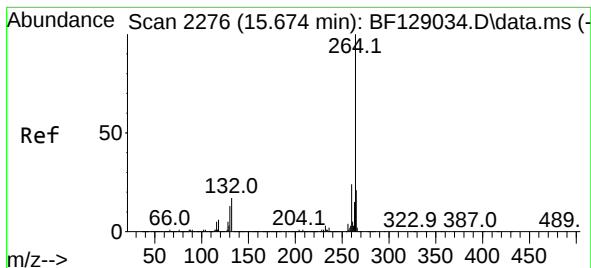
Tgt Ion:228 Resp: 72481
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.9 15.8 23.8



#83
Chrysene
Concen: 2.497 ng
RT: 14.169 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:228 Resp: 70128
Ion Ratio Lower Upper
228 100
226 29.3 24.3 36.5
229 21.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

Instrument :

BNA_F

ClientSampleId :

SB-16

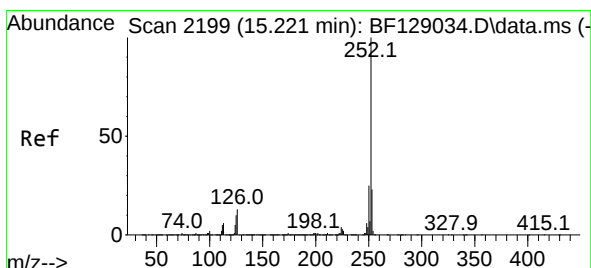
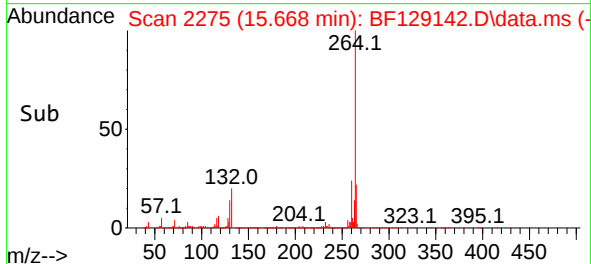
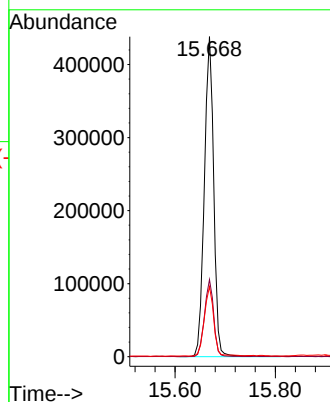
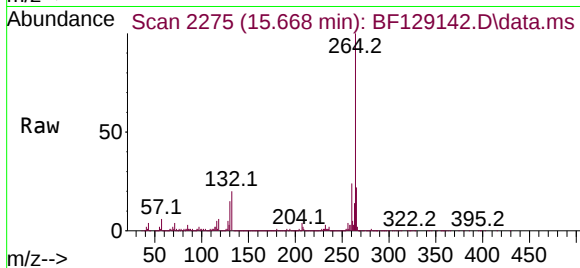
Tgt Ion:264 Resp: 568765

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.9 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.913 ng

RT: 15.210 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129142.D

Acq: 06 Jul 2022 14:46

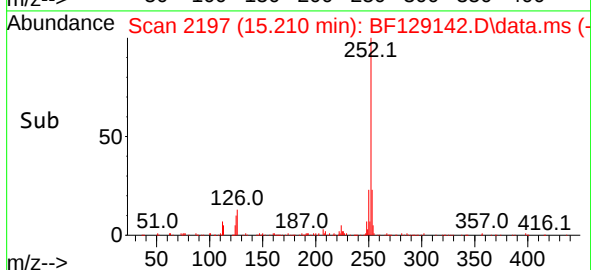
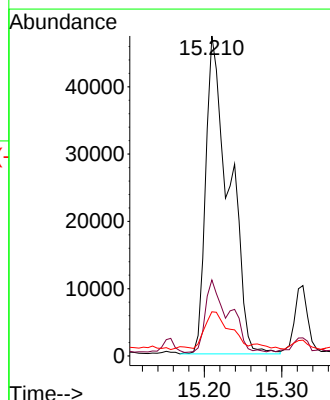
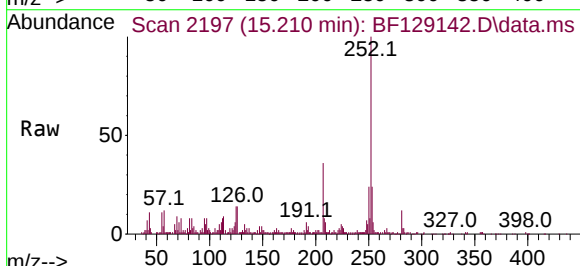
Tgt Ion:252 Resp: 99625

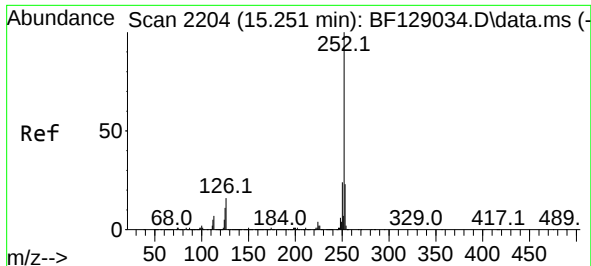
Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 13.8 8.0 12.0#

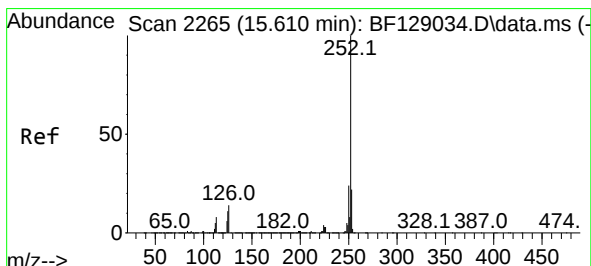
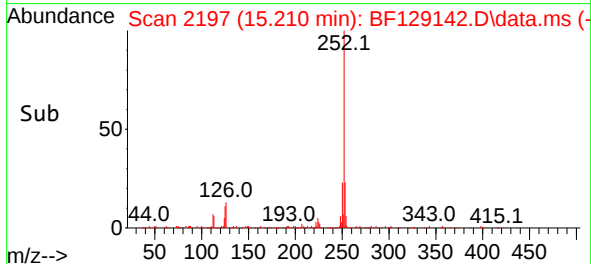
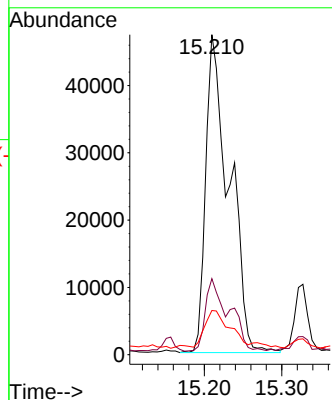
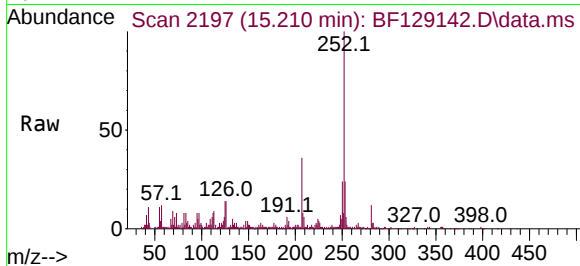




#89
Benzo(k)fluoranthene
Concen: 3.003 ng
RT: 15.210 min Scan# 2197
Delta R.T. -0.041 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Instrument :
BNA_F
ClientSampleId :
SB-16

Tgt Ion:252 Resp: 99625
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 13.8 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.051 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129142.D
Acq: 06 Jul 2022 14:46

Tgt Ion:252 Resp: 57187
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 11.6 8.8 13.2

