

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129144.D
 Acq On : 06 Jul 2022 15:49
 Operator : CG\JU
 Sample : N3589-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-1

Quant Time: Jul 06 16:13:47 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)

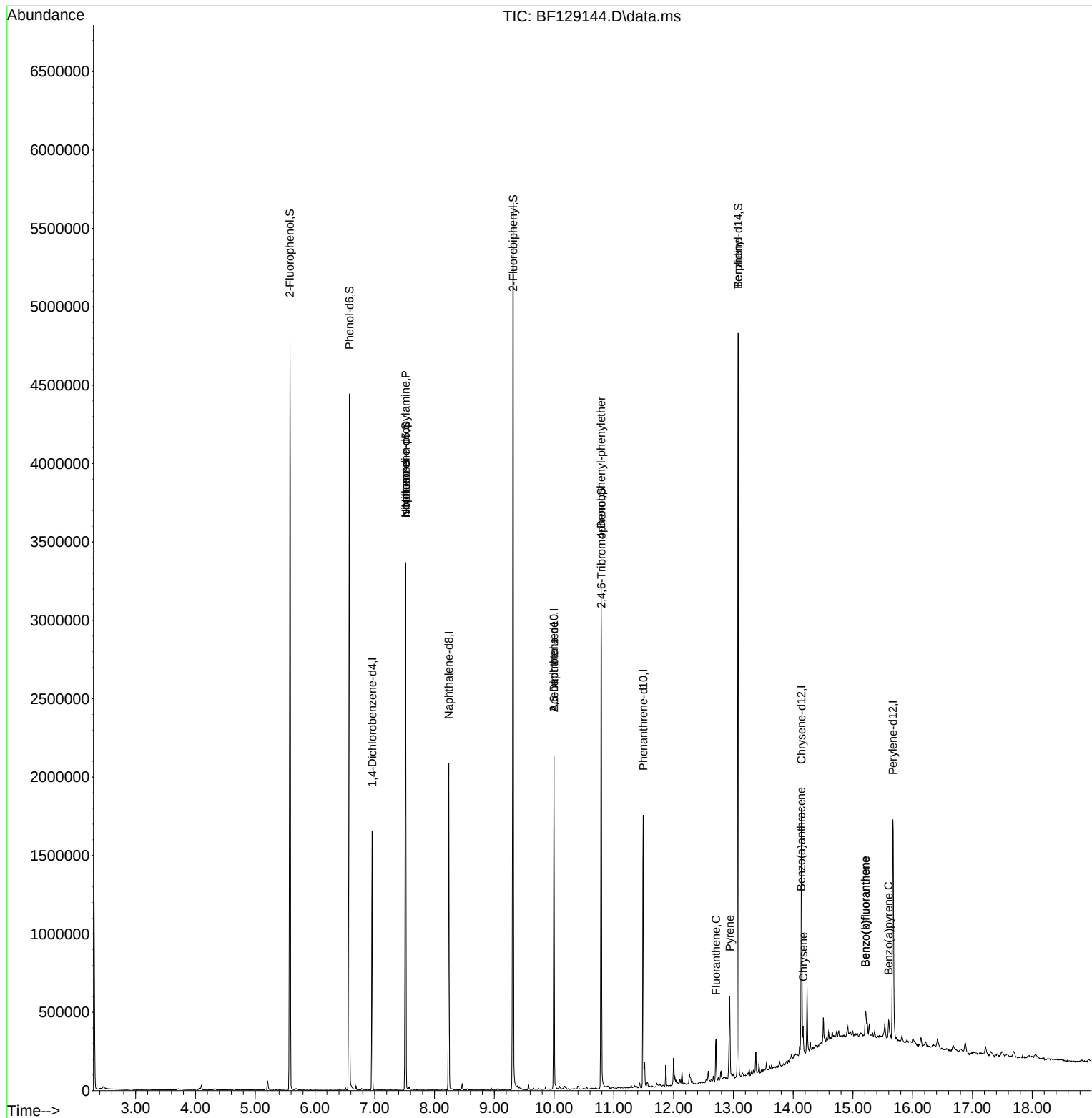
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	232957	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	862140	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	408210	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	637800	20.000	ng	0.00
76) Chrysene-d12	14.139	240	526868	20.000	ng	-0.01
86) Perylene-d12	15.668	264	594964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1370648	99.472	ng	0.00
7) Phenol-d6	6.575	99	1656330	96.785	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1053396	72.878	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	420915	94.829	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1845997	72.345	ng	0.00
79) Terphenyl-d14	13.080	244	1589537	62.651	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	138	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.516	70	138429	13.983	ng	# 72
25) Isophorone	7.516	82	1028071	42.086	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	53477	10.248	ng	# 25
67) 4-Bromophenyl-phenylether	10.786	248	24941	3.676	ng	# 1
75) Fluoranthene	12.710	202	106093	3.329	ng	99
77) Benzidine	13.080	184	21536	2.296	ng	# 94
78) Pyrene	12.939	202	272385	7.458	ng	97
81) Benzo(a)anthracene	14.133	228	75149	2.336	ng	97
83) Chrysene	14.168	228	74148	2.483	ng	97
88) Benzo(b)fluoranthene	15.210	252	117492	3.284	ng	# 93
89) Benzo(k)fluoranthene	15.210	252	117492	3.385	ng	# 94
90) Benzo(a)pyrene	15.598	252	59738	2.048	ng	# 91

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

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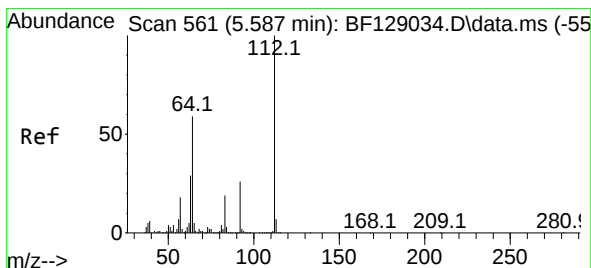
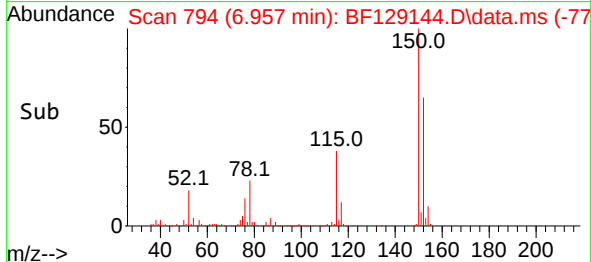
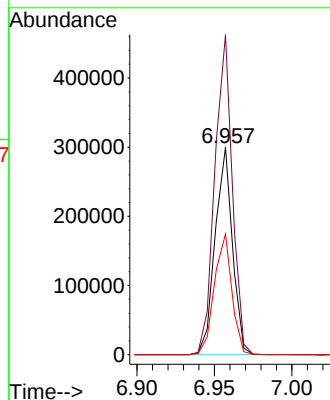
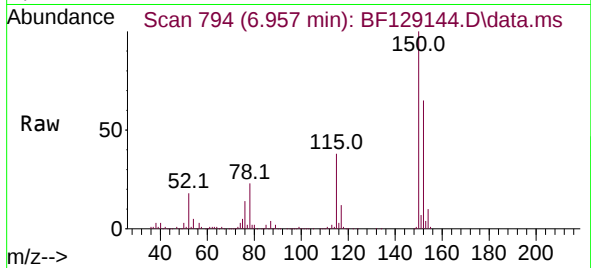




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

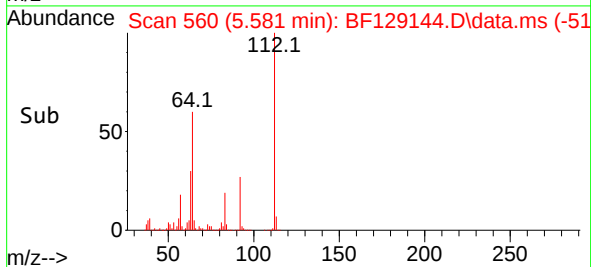
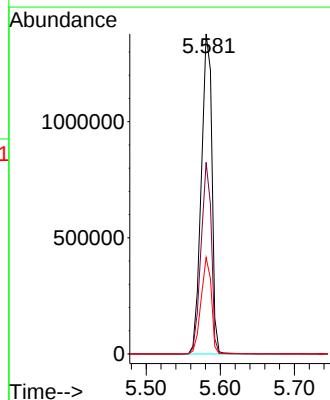
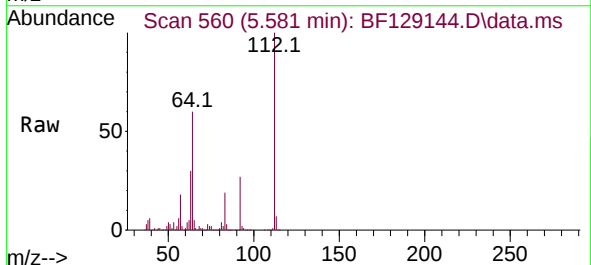
Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:152 Resp: 232957
Ion Ratio Lower Upper
152 100
150 154.4 123.7 185.5
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 99.472 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion:112 Resp: 1370648
Ion Ratio Lower Upper
112 100
64 59.9 53.3 79.9
63 30.1 28.0 42.0

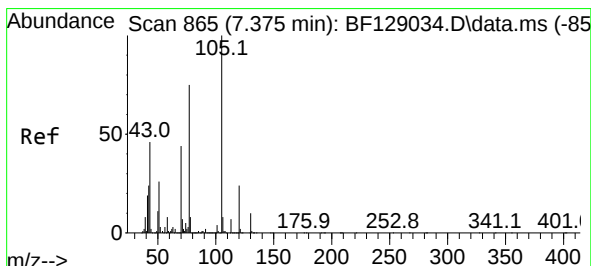
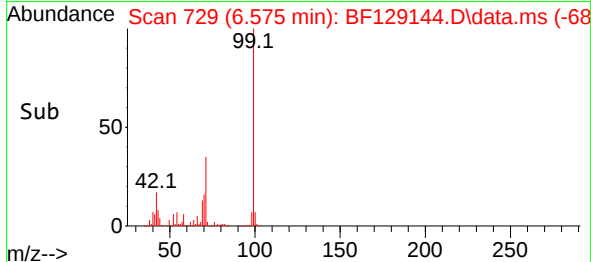
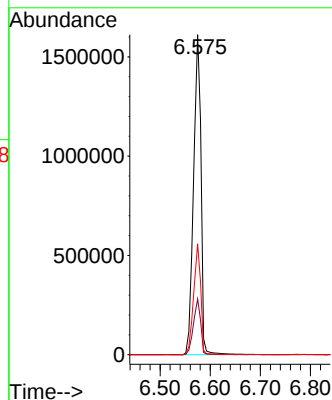
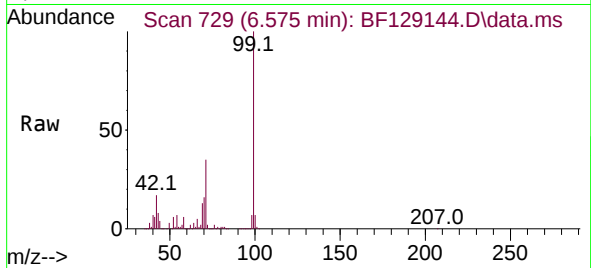




#7
Phenol-d6
Concen: 96.785 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

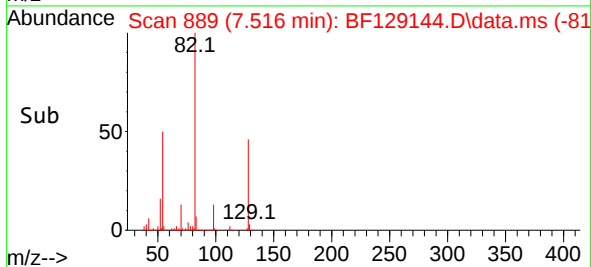
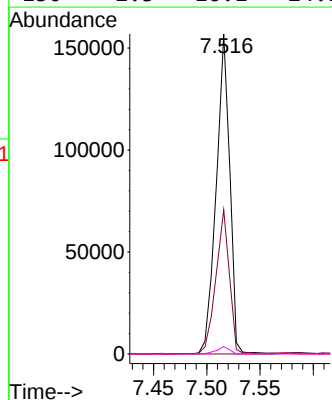
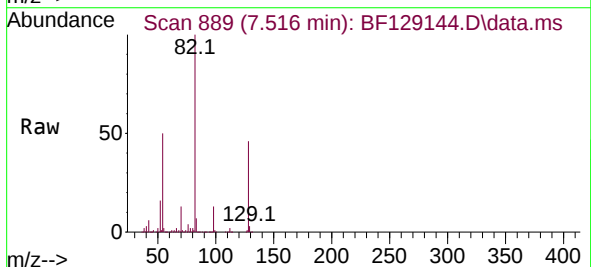
Instrument :
BNA_F
ClientSampleId :
C-1

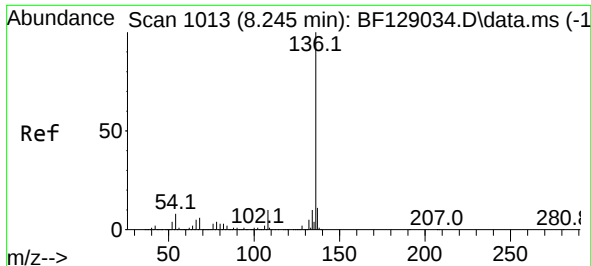
Tgt Ion: 99 Resp: 1656330
Ion Ratio Lower Upper
99 100
42 17.4 17.3 25.9
71 34.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.983 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion: 70 Resp: 138429
Ion Ratio Lower Upper
70 100
42 45.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

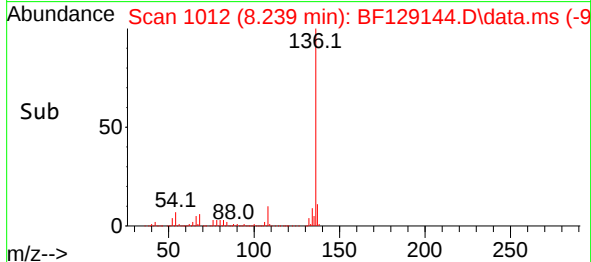
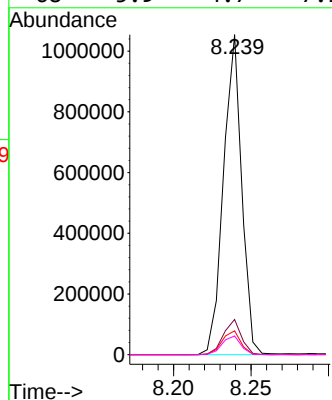
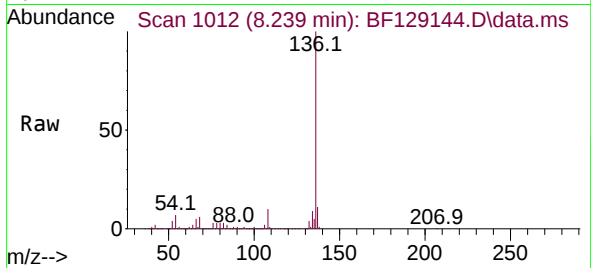




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

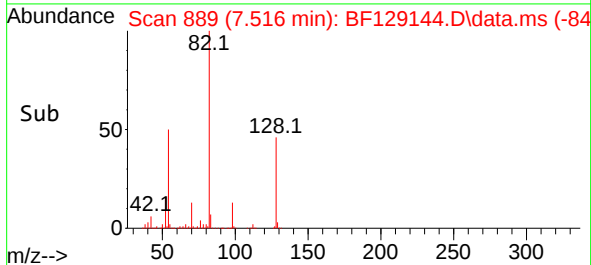
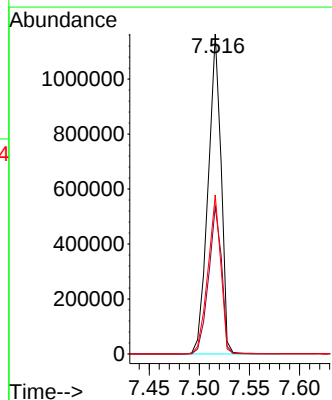
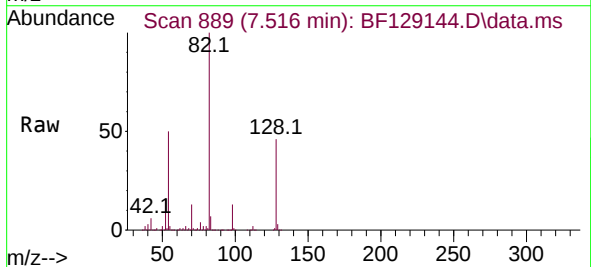
Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:136 Resp: 862140
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.5 7.5 11.3#
68 5.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.878 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion: 82 Resp: 1053396
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 49.7 46.9 70.3

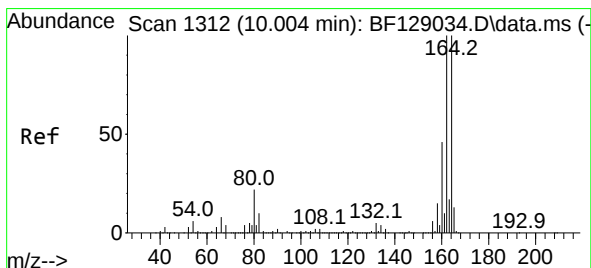
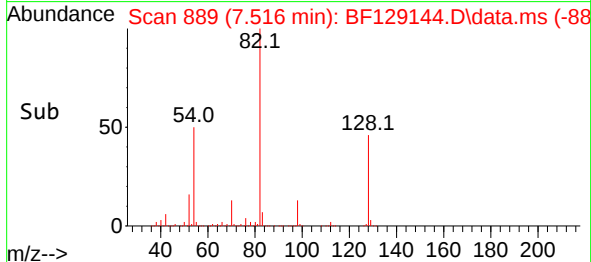
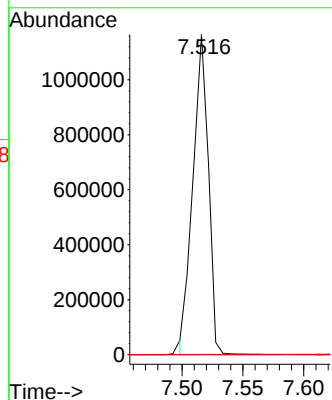
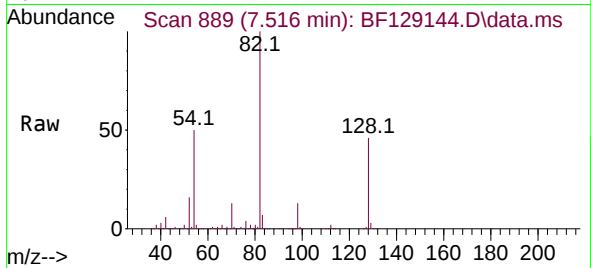




#25
Isophorone
Concen: 42.086 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

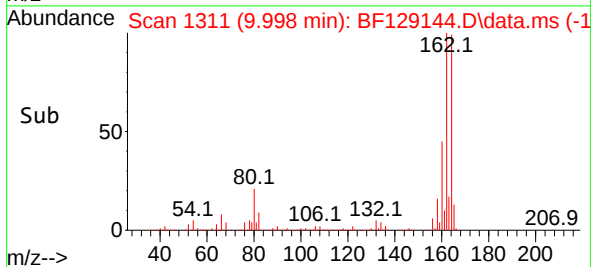
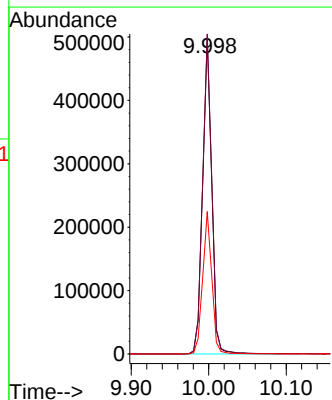
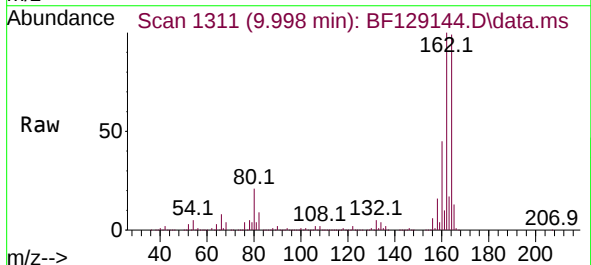
Instrument :
BNA_F
ClientSampleId :
C-1

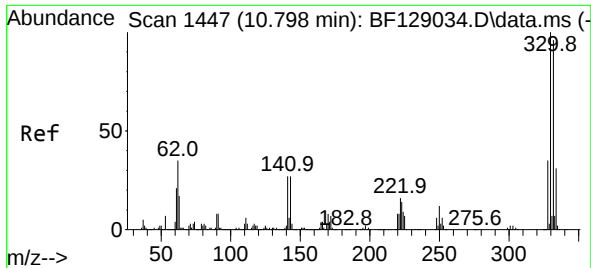
Tgt Ion: 82 Resp: 1028071
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion: 164 Resp: 408210
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 45.0 34.2 51.4

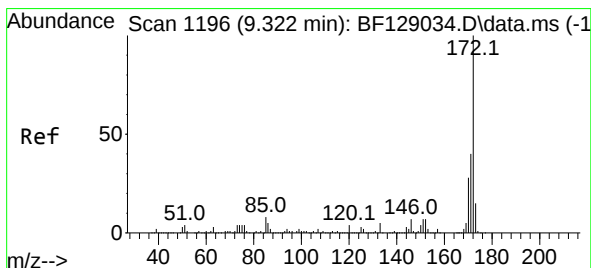
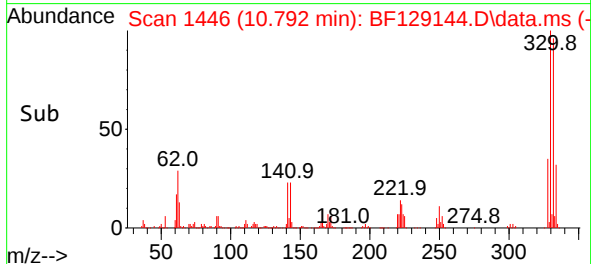
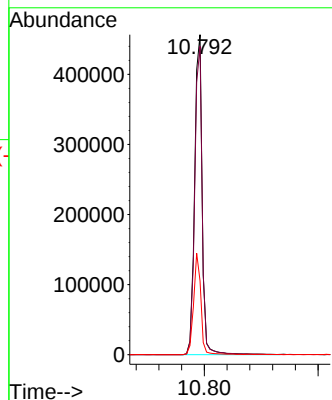
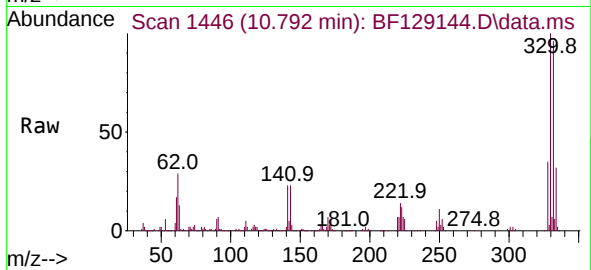




#42
2,4,6-Tribromophenol
Concen: 94.829 ng
RT: 10.792 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

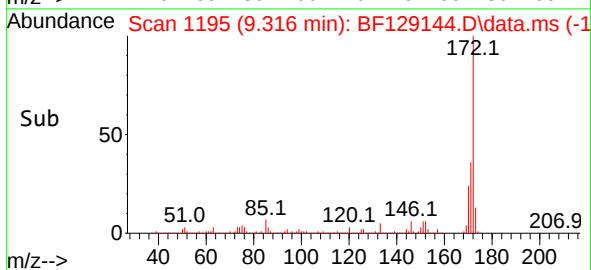
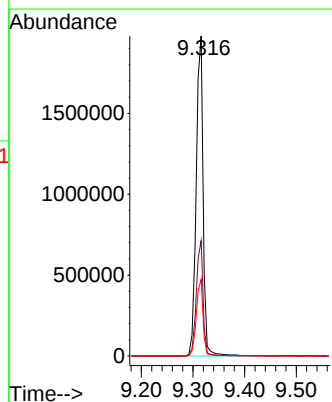
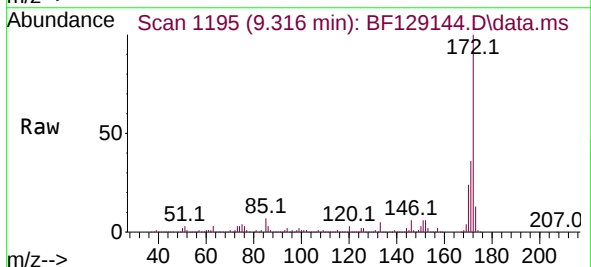
Instrument :
BNA_F
ClientSampleId :
C-1

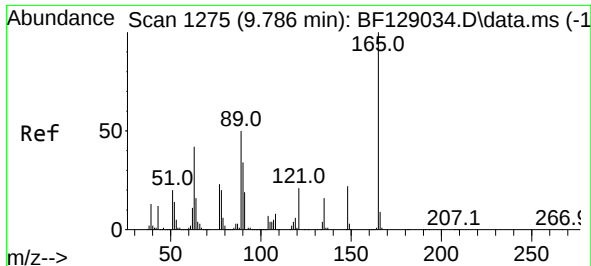
Tgt Ion:330 Resp: 420915
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 30.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 72.345 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion:172 Resp: 1845997
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 10.248 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

Instrument :

BNA_F

ClientSampleId :

C-1

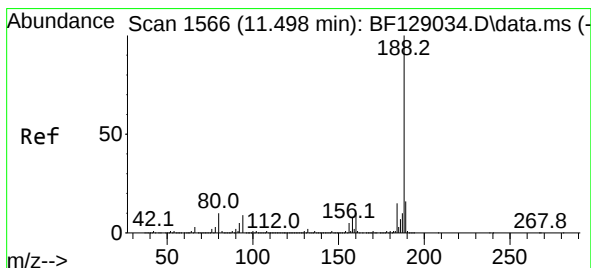
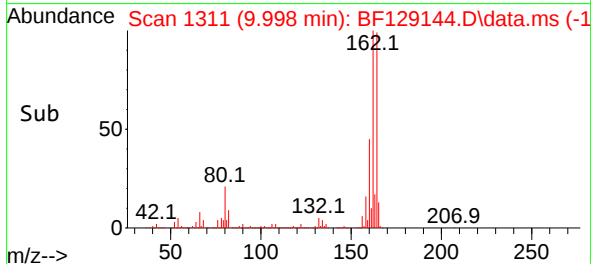
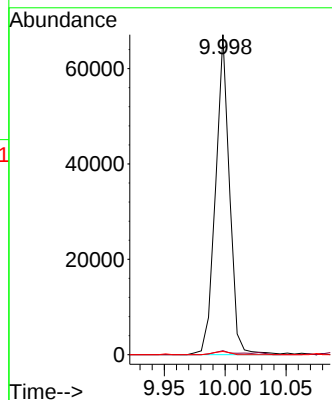
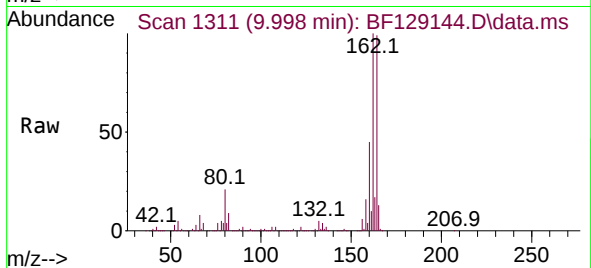
Tgt Ion:165 Resp: 53477

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.0 43.6 65.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

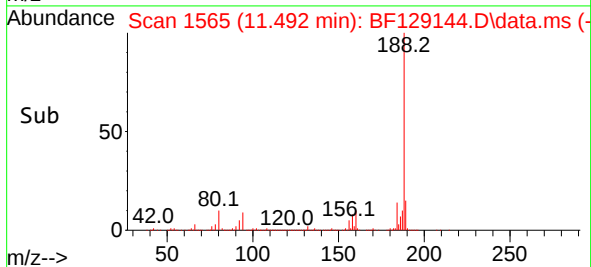
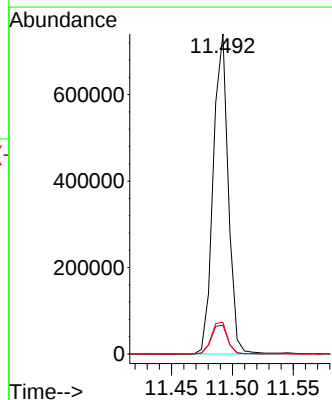
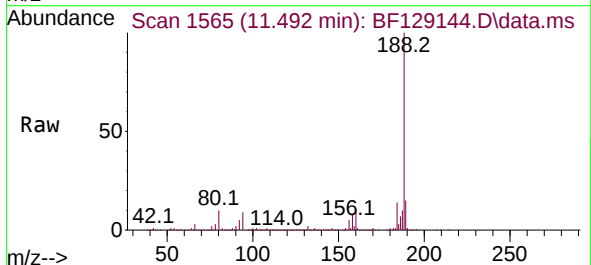
Tgt Ion:188 Resp: 637800

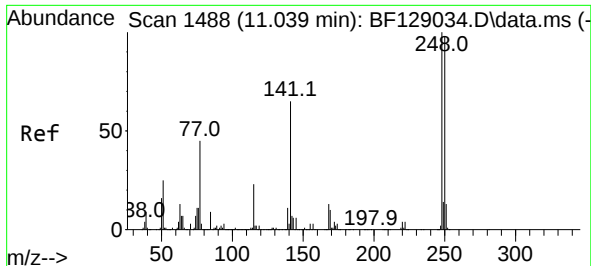
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 9.9 7.6 11.4

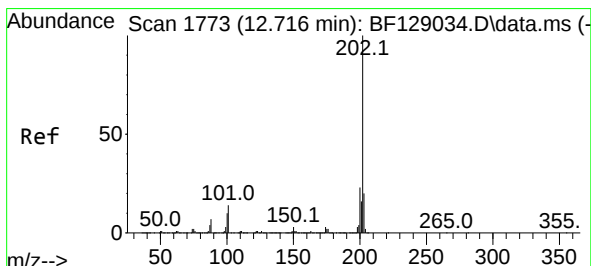
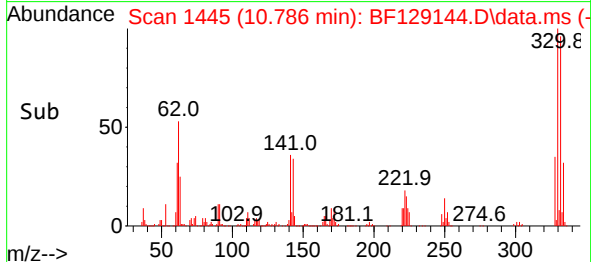
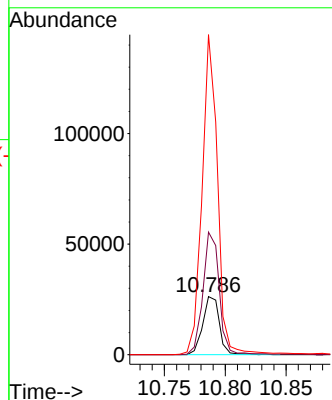
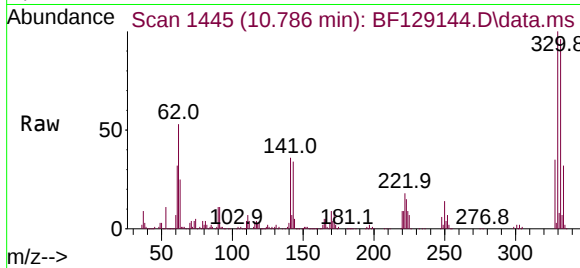




#67
4-Bromophenyl-phenylether
Concen: 3.676 ng
RT: 10.786 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

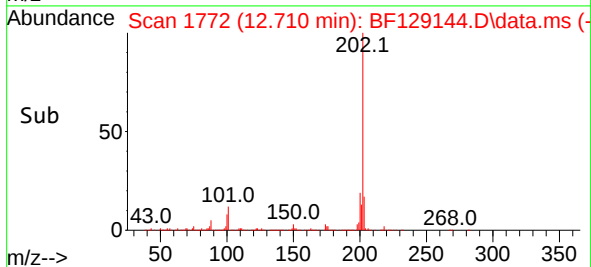
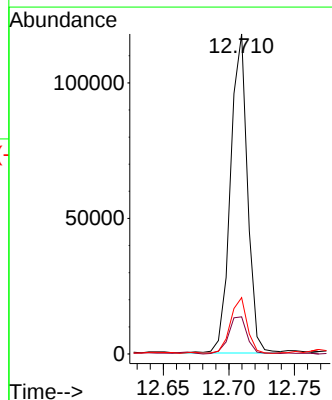
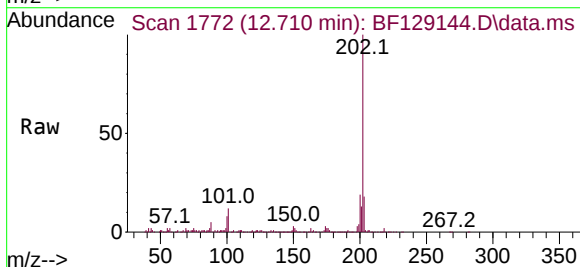
Instrument :
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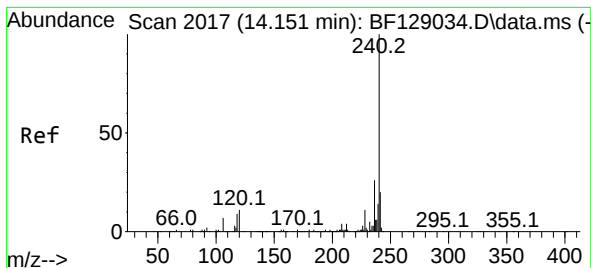
Tgt Ion:248 Resp: 24941
Ion Ratio Lower Upper
248 100
250 210.6 80.6 120.8#
141 550.1 58.9 88.3#



#75
Fluoranthene
Concen: 3.329 ng
RT: 12.710 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion:202 Resp: 106093
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.6 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: BF129144.D

Acq: 06 Jul 2022 15:49

Instrument :

BNA_F

ClientSampleId :

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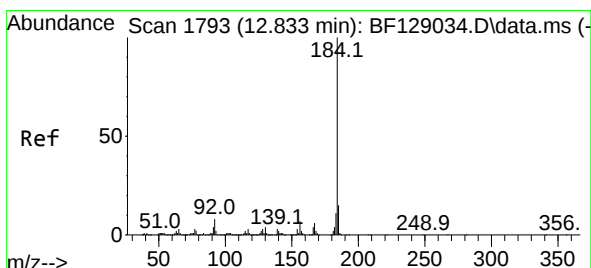
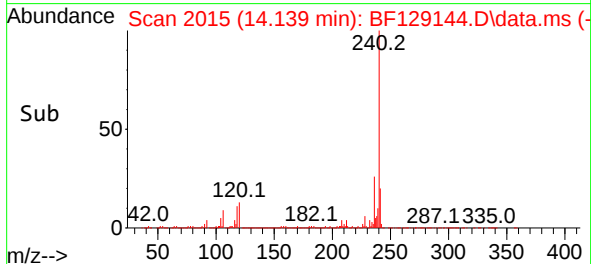
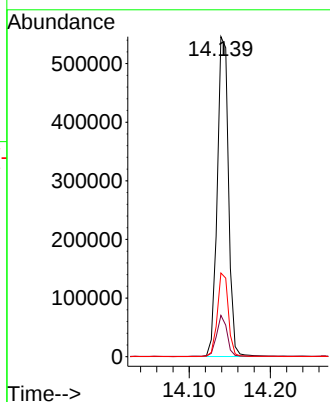
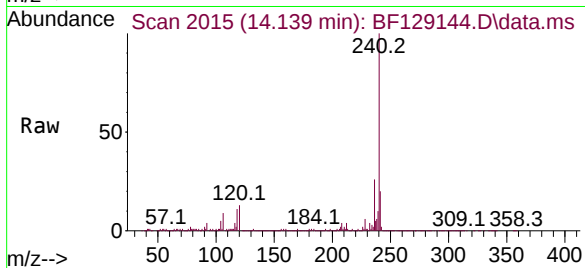
Tgt Ion:240 Resp: 526868

Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 26.1 20.8 31.2



#77

Benzidine

Concen: 2.296 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

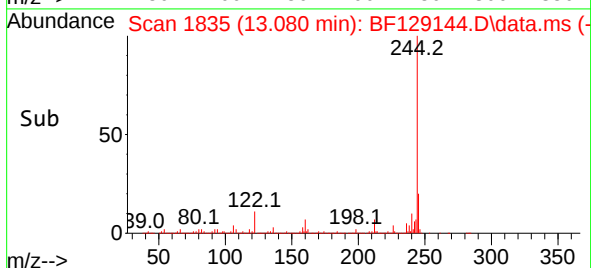
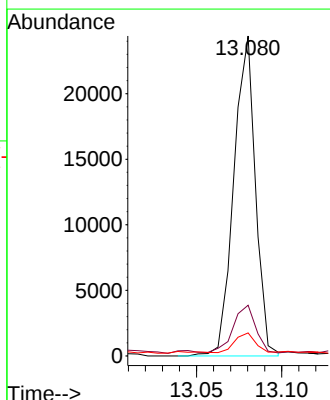
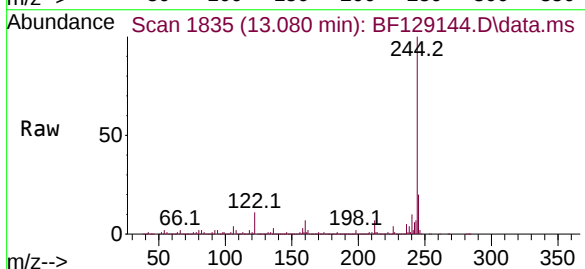
Tgt Ion:184 Resp: 21536

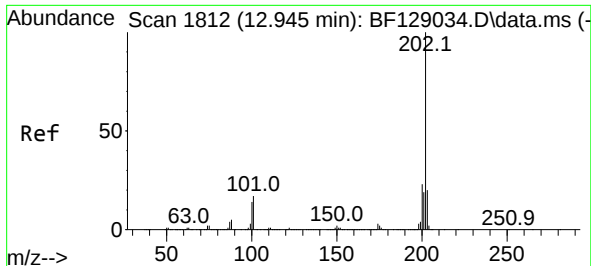
Ion Ratio Lower Upper

184 100

185 15.9 11.9 17.9

183 7.2 9.3 13.9#

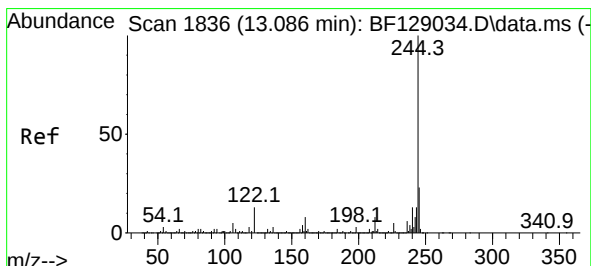
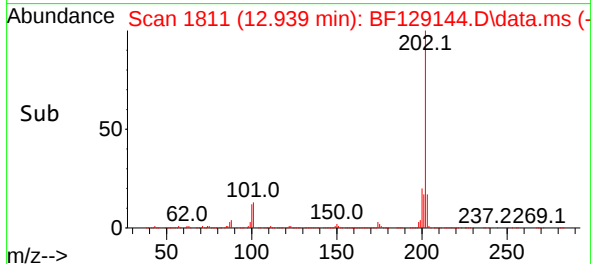
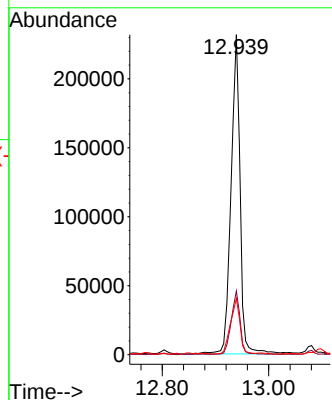
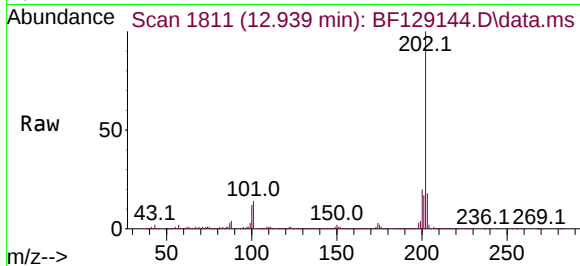




#78
Pyrene
Concen: 7.458 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

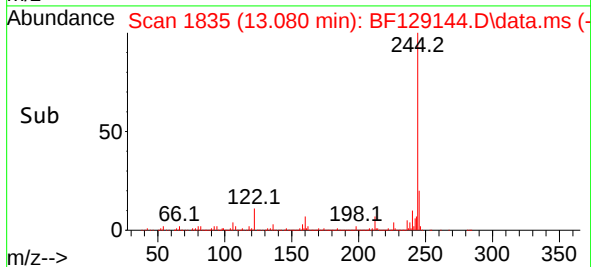
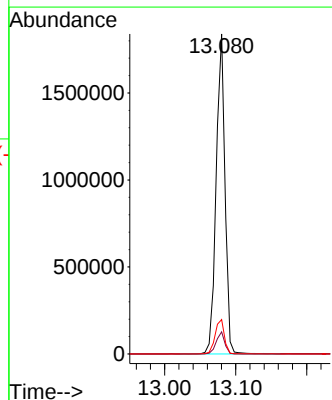
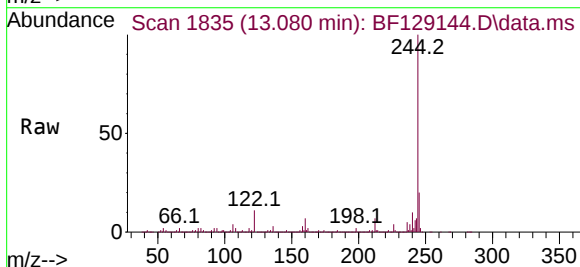
Instrument :
BNA_F
ClientSampleId :
C-1

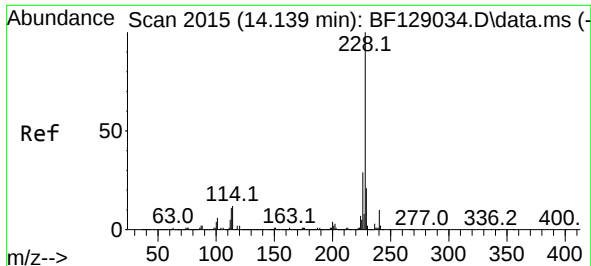
Tgt Ion:202 Resp: 272385
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 17.6 14.6 21.8



#79
Terphenyl-d14
Concen: 62.651 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion:244 Resp: 1589537
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.8 8.8 13.2

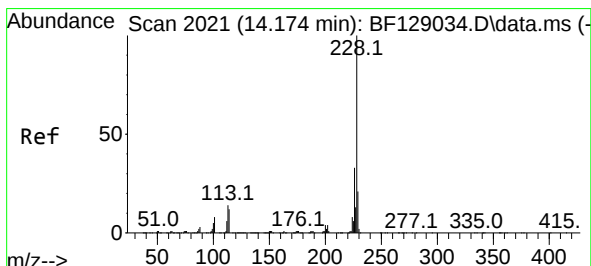
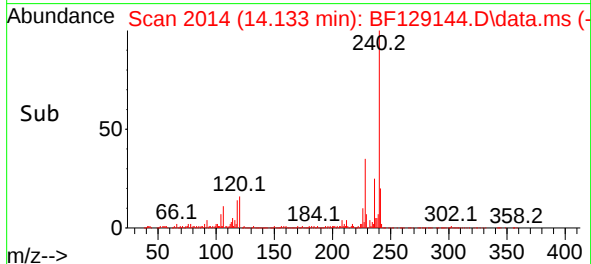
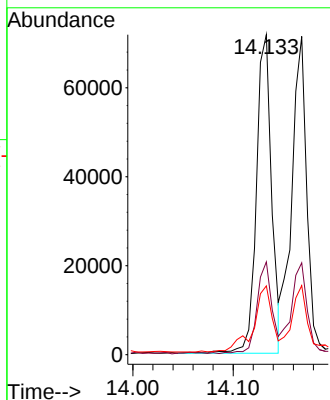
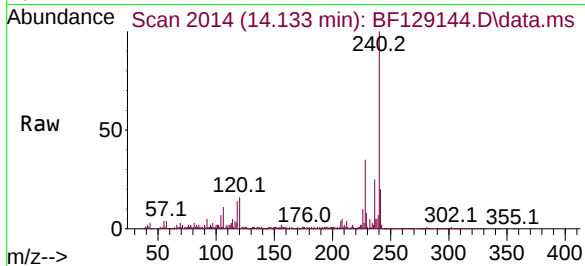




#81
Benzo(a)anthracene
Concen: 2.336 ng
RT: 14.133 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

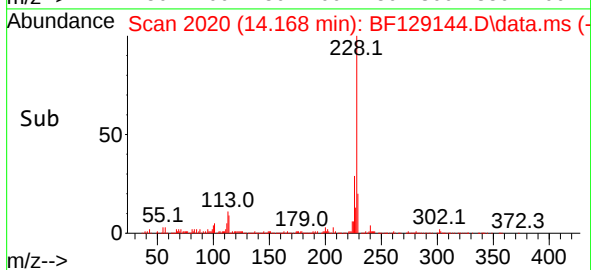
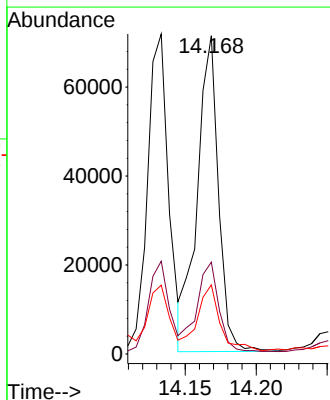
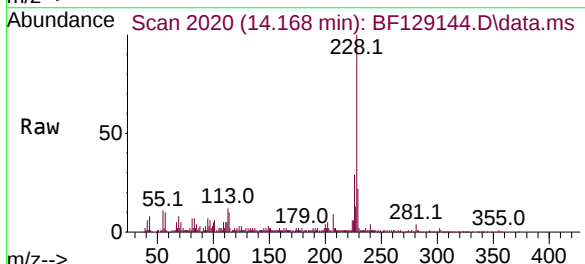
Instrument :
BNA_F
ClientSampleId :
C-1

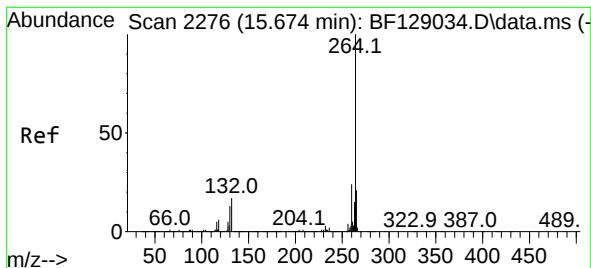
Tgt Ion:228 Resp: 75149
Ion Ratio Lower Upper
228 100
226 29.0 22.1 33.1
229 21.5 15.8 23.8



#83
Chrysene
Concen: 2.483 ng
RT: 14.168 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion:228 Resp: 74148
Ion Ratio Lower Upper
228 100
226 28.9 24.3 36.5
229 21.7 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

Instrument :

BNA_F

ClientSampleId :

C-1

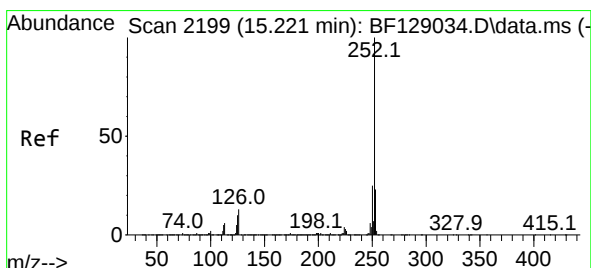
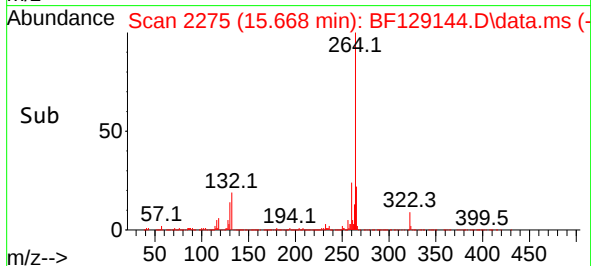
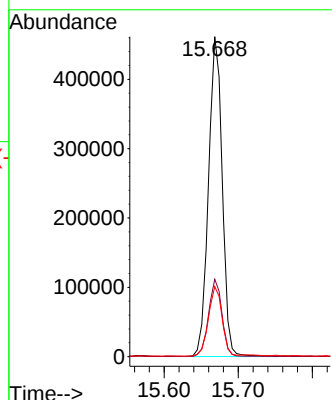
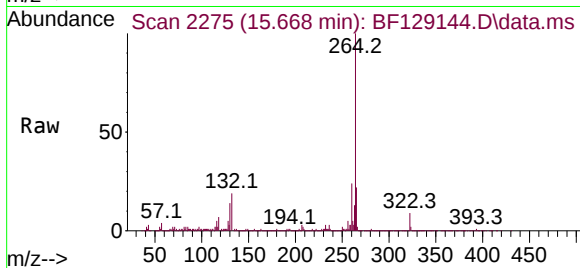
Tgt Ion:264 Resp: 594964

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.9 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.284 ng

RT: 15.210 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF129144.D

Acq: 06 Jul 2022 15:49

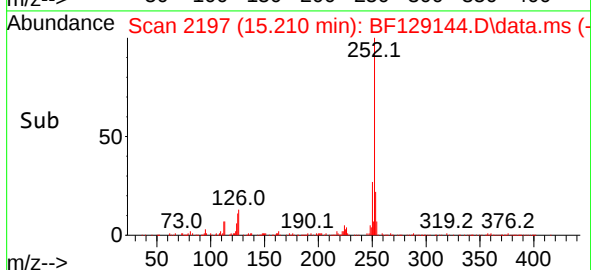
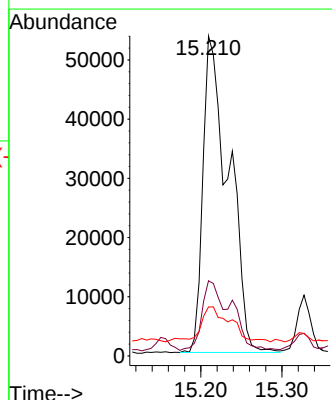
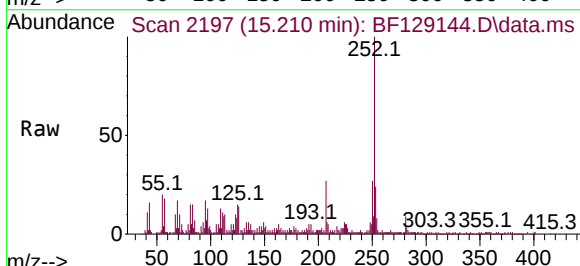
Tgt Ion:252 Resp: 117492

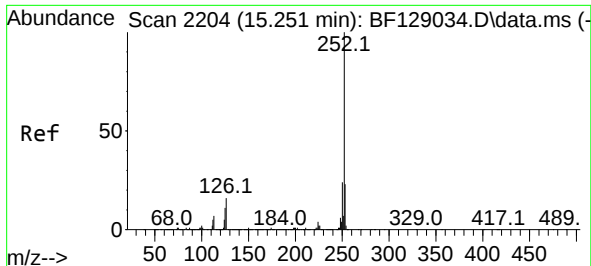
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 15.3 8.0 12.0#

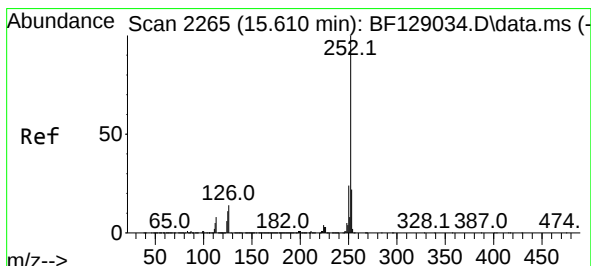
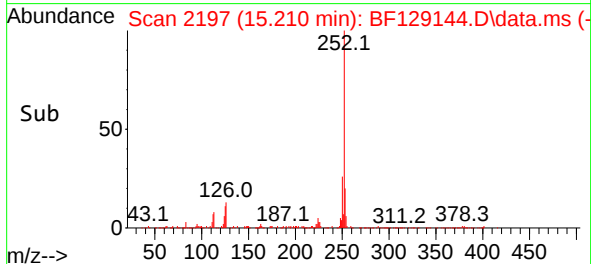
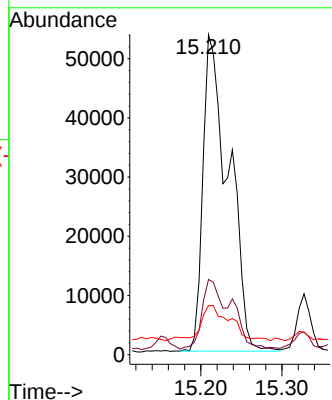
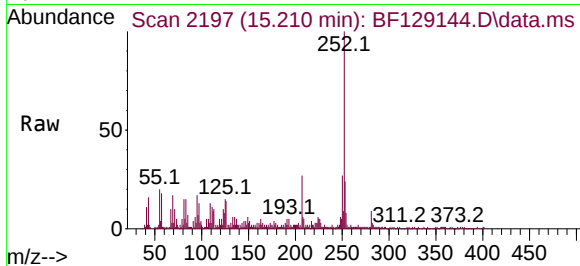




#89
Benzo(k)fluoranthene
Concen: 3.385 ng
RT: 15.210 min Scan# 2197
Delta R.T. -0.041 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Instrument :
BNA_F
ClientSampleId :
C-1

Tgt Ion:252 Resp: 117492
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 15.3 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.048 ng
RT: 15.598 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF129144.D
Acq: 06 Jul 2022 15:49

Tgt Ion:252 Resp: 59738
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 16.9 8.8 13.2#

