

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129143.D
 Acq On : 06 Jul 2022 15:18
 Operator : CG\JU
 Sample : N3562-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9A

Quant Time: Jul 06 15:39:50 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)

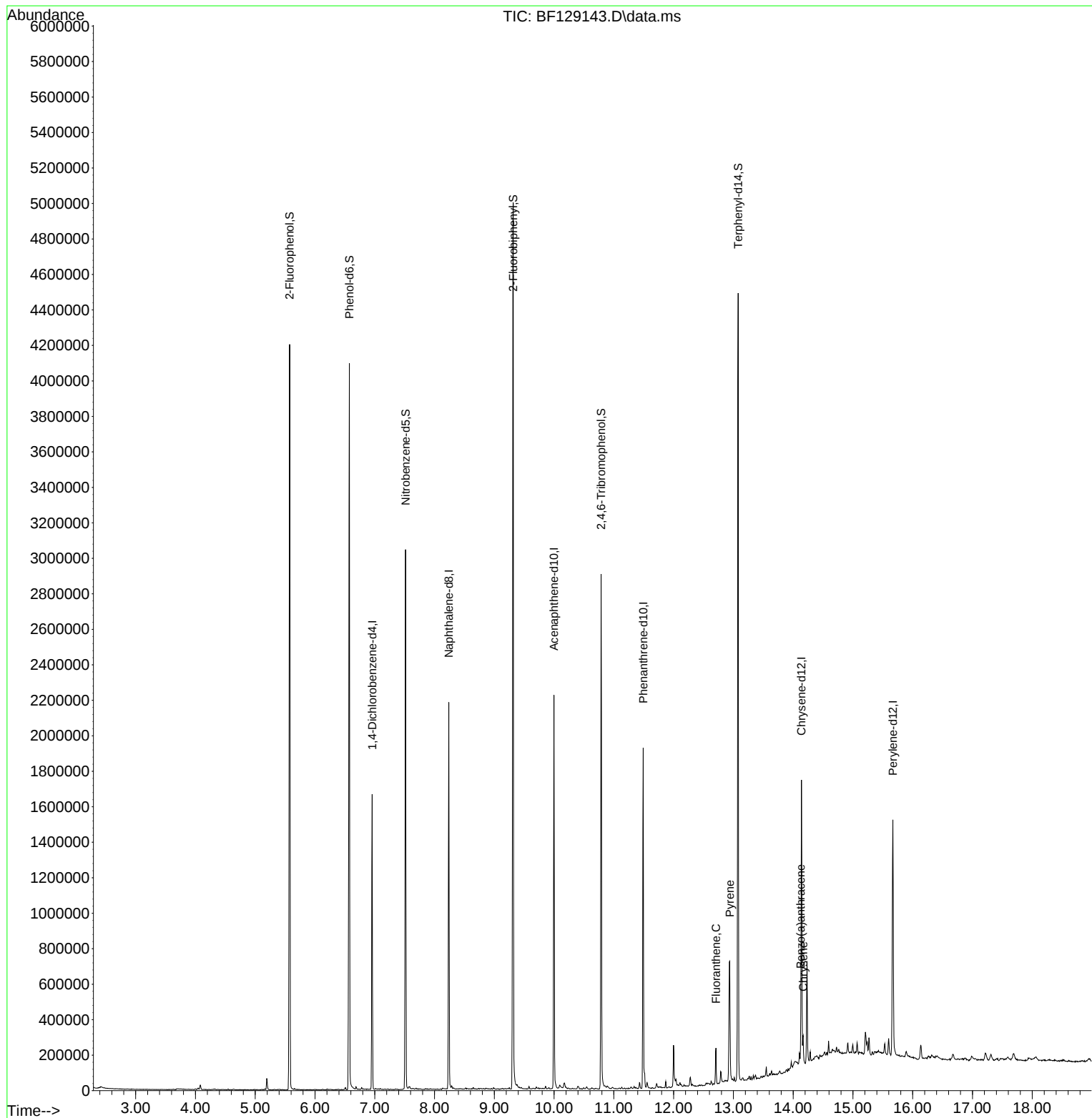
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	242794	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	879756	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	424116	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	676839	20.000	ng	0.00
76) Chrysene-d12	14.139	240	520457	20.000	ng	-0.01
86) Perylene-d12	15.668	264	597557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1158482	80.668	ng	-0.01
7) Phenol-d6	6.575	99	1427490	80.034	ng	-0.01
23) Nitrobenzene-d5	7.516	82	891321	60.431	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	369149	80.047	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1708994	64.464	ng	0.00
79) Terphenyl-d14	13.080	244	1567986	62.563	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.710	202	83940	2.482	ng	97
78) Pyrene	12.939	202	404814	11.221	ng	96
81) Benzo(a)anthracene	14.127	228	65226	2.053	ng	99
83) Chrysene	14.168	228	65746	2.229	ng	97

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

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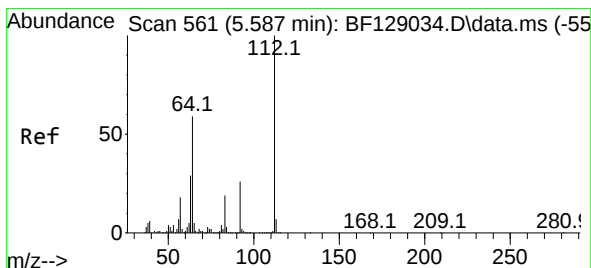
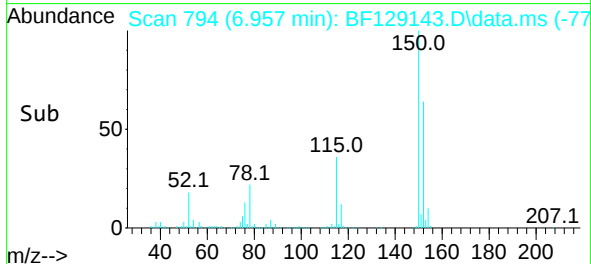
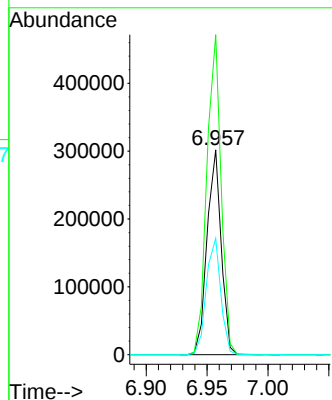
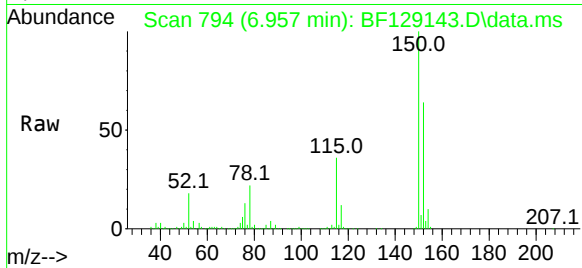




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

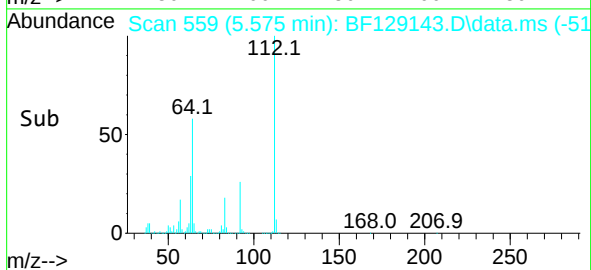
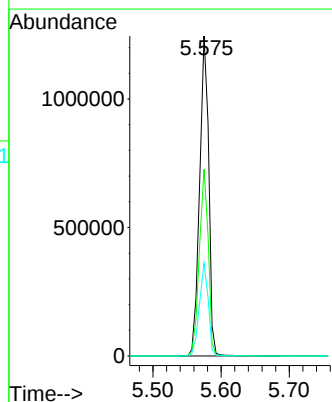
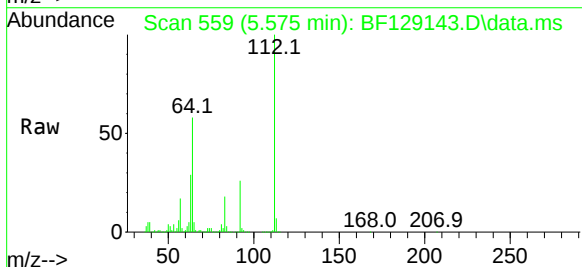
Instrument :
 BNA_F
 ClientSampleId :
 SB-9A

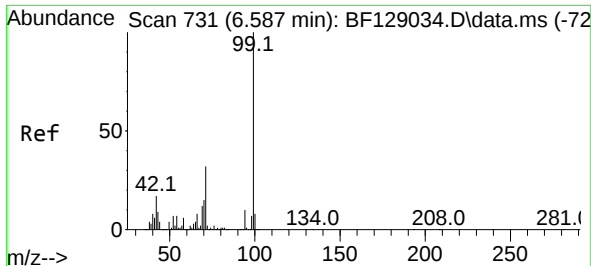
Tgt Ion:152 Resp: 242794
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.7 185.5
 115 56.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 80.668 ng
 RT: 5.575 min Scan# 559
 Delta R.T. -0.012 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

Tgt Ion:112 Resp: 1158482
 Ion Ratio Lower Upper
 112 100
 64 58.4 53.3 79.9
 63 29.0 28.0 42.0

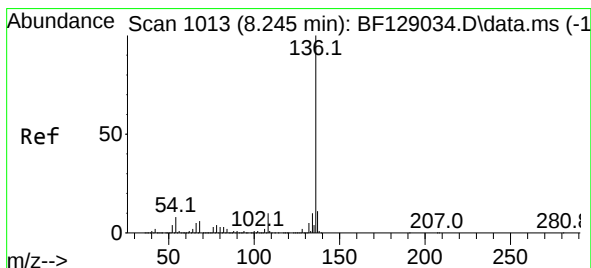
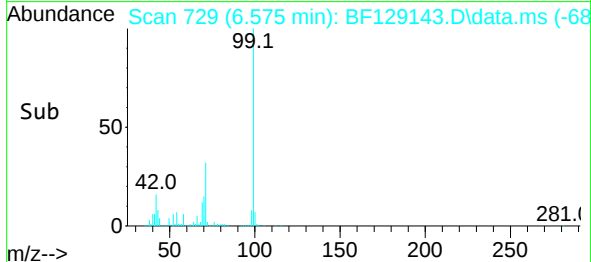
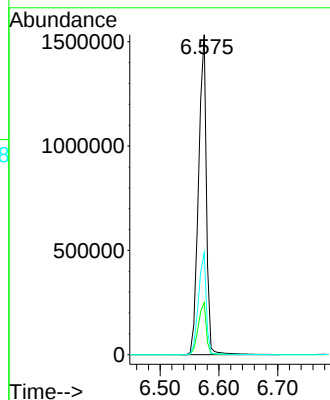
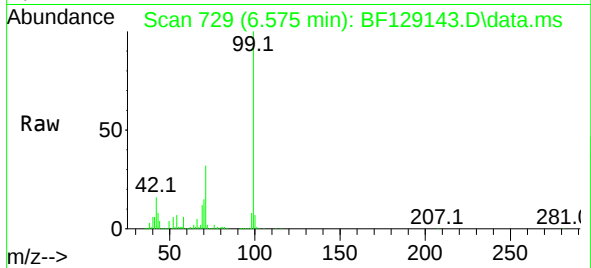




#7
Phenol-d6
Concen: 80.034 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

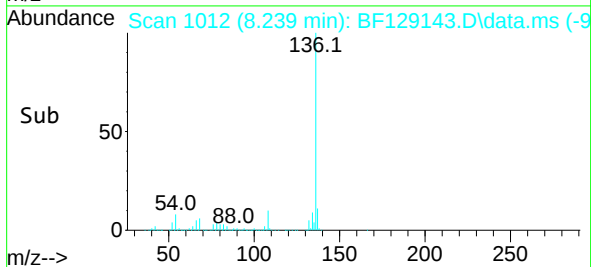
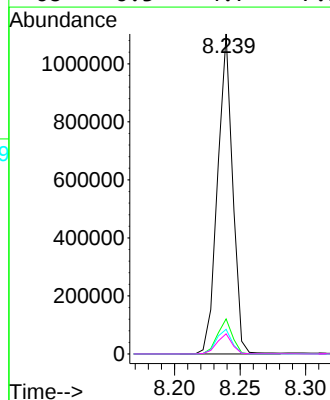
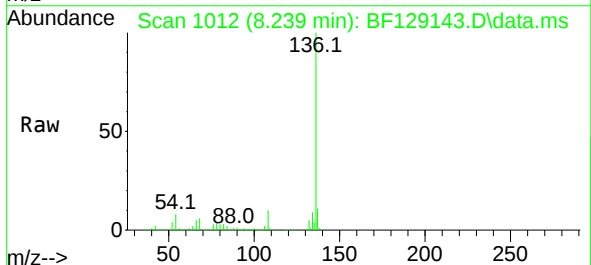
Instrument :
BNA_F
ClientSampleId :
SB-9A

Tgt Ion: 99 Resp: 1427490
Ion Ratio Lower Upper
99 100
42 16.2 17.3 25.9#
71 31.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 136 Resp: 879756
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.7 7.5 11.3
68 6.3 4.7 7.1

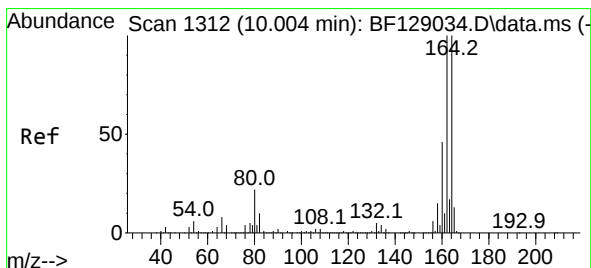
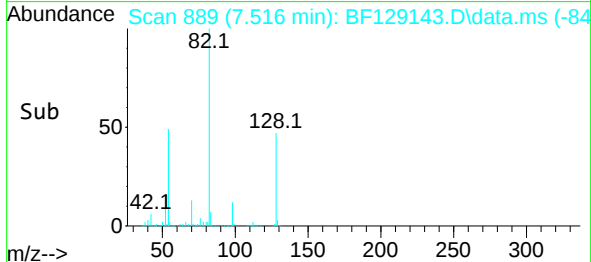
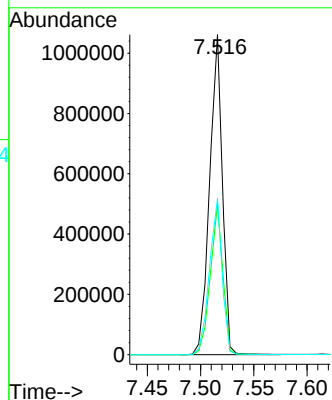
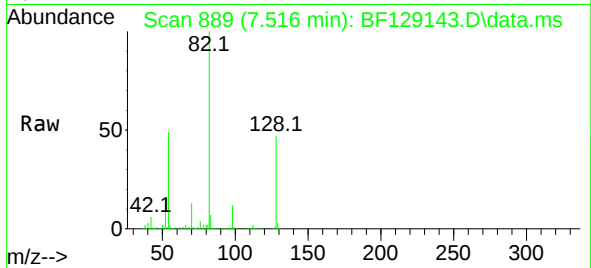




#23
Nitrobenzene-d5
Concen: 60.431 ng
RT: 7.516 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

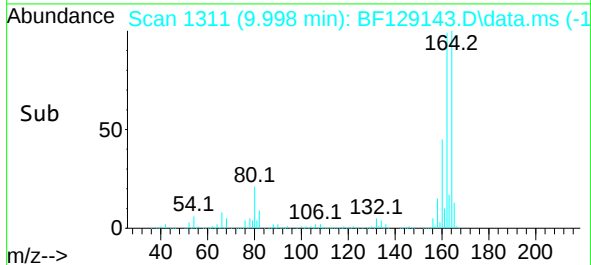
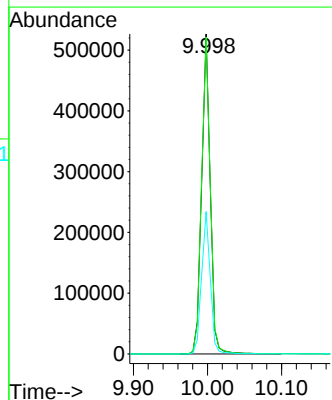
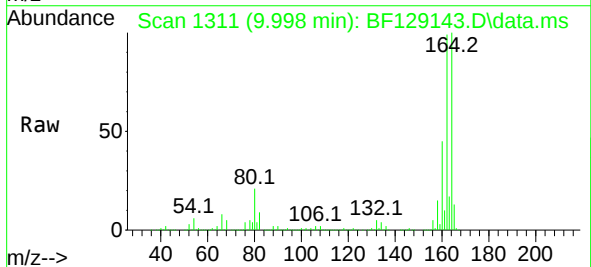
Instrument :
BNA_F
ClientSampleId :
SB-9A

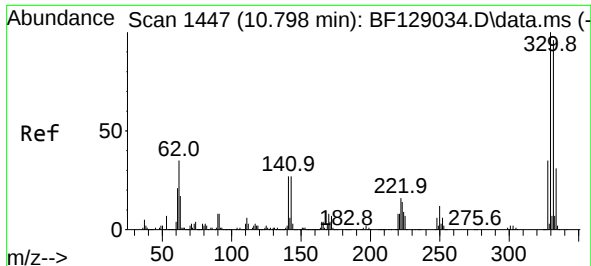
Tgt Ion: 82 Resp: 891321
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 48.8 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion: 164 Resp: 424116
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.047 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

Instrument :

BNA_F

ClientSampleId :

SB-9A

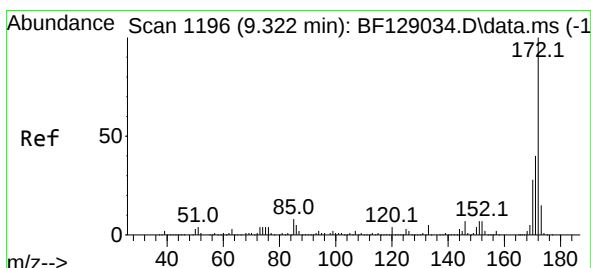
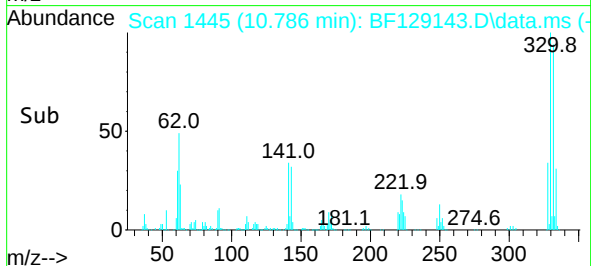
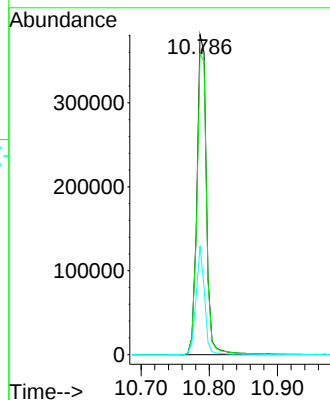
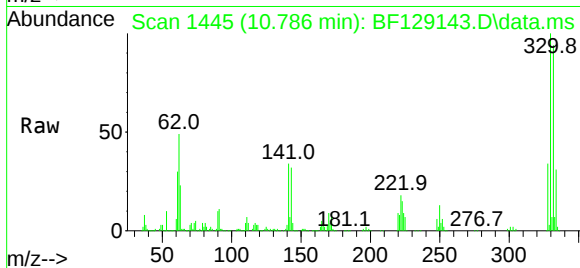
Tgt Ion:330 Resp: 369149

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 30.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.464 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

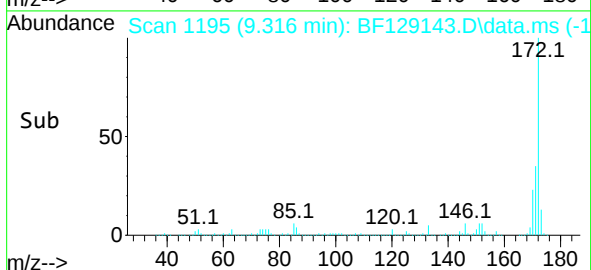
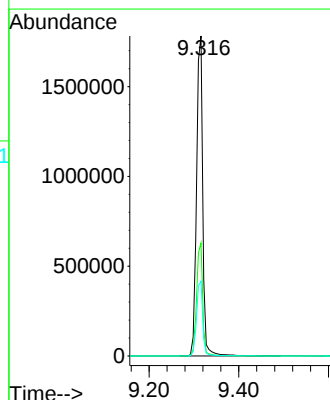
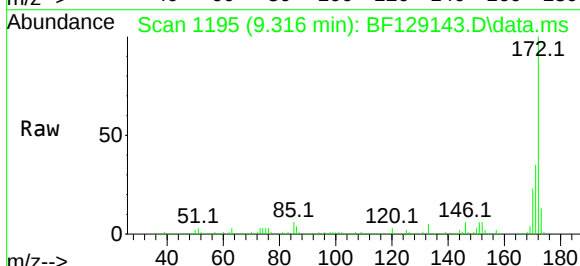
Tgt Ion:172 Resp: 1708994

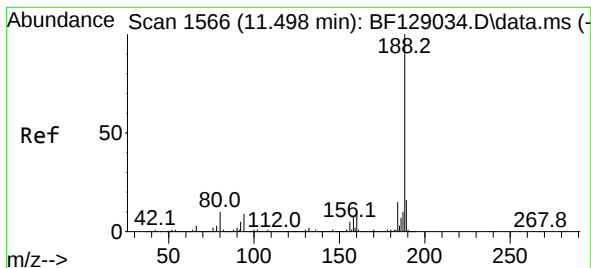
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

Instrument :

BNA_F

ClientSampleId :

SB-9A

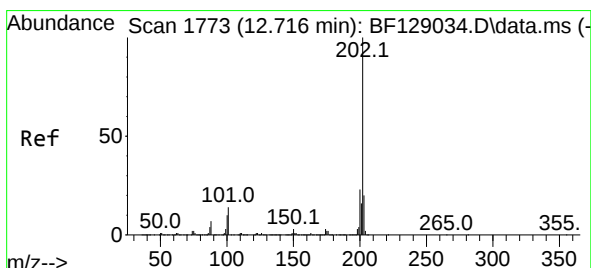
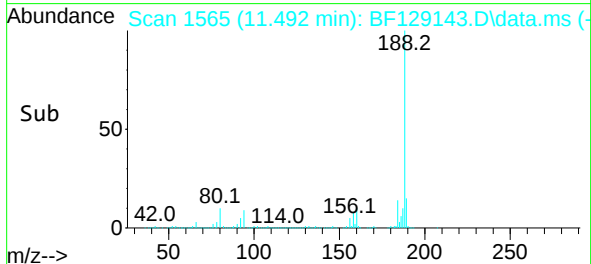
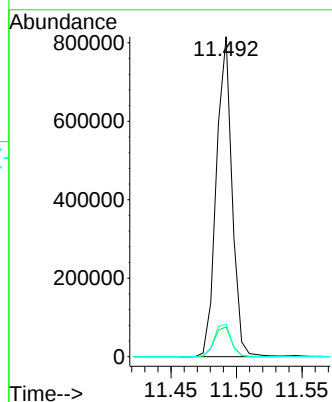
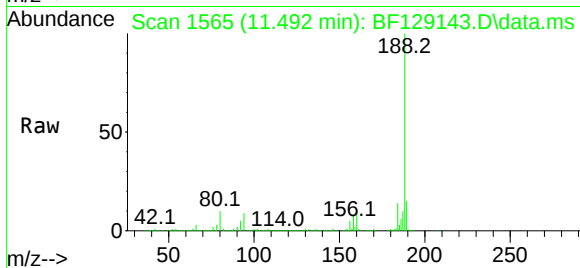
Tgt Ion:188 Resp: 676839

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.2 7.6 11.4



#75

Fluoranthene

Concen: 2.482 ng

RT: 12.710 min Scan# 1772

Delta R.T. -0.006 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

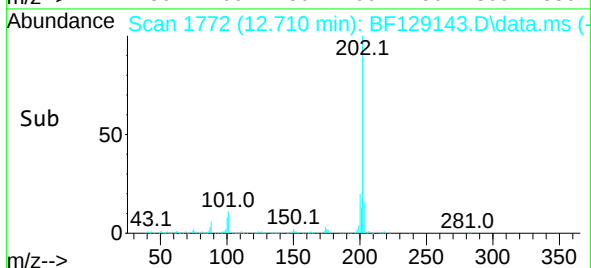
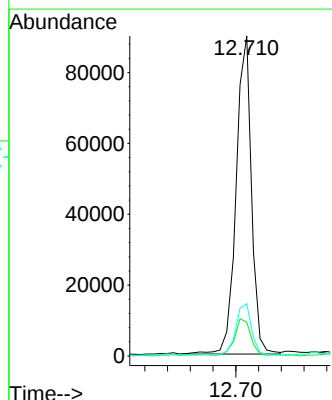
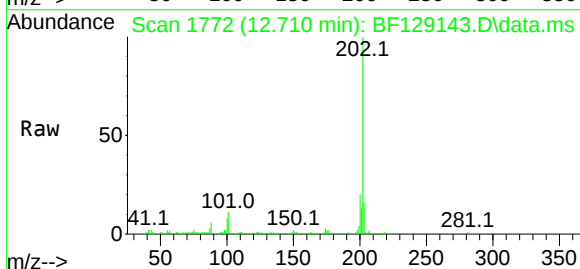
Tgt Ion:202 Resp: 83940

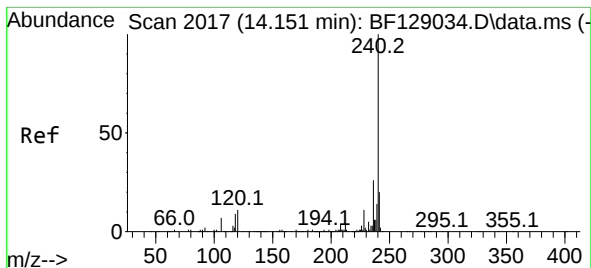
Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.4

203 16.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

Instrument :

BNA_F

ClientSampleId :

SB-9A

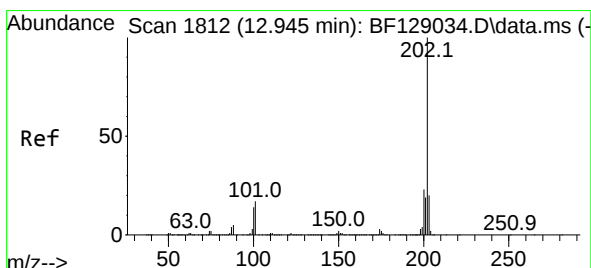
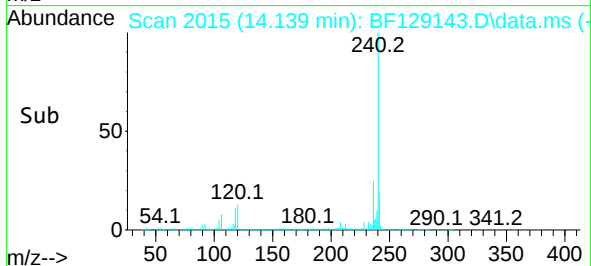
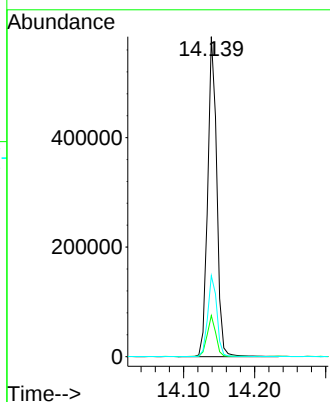
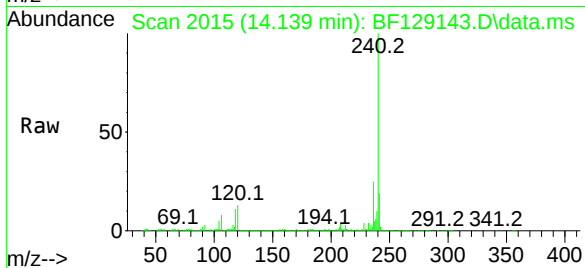
Tgt Ion:240 Resp: 520457

Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 25.3 20.8 31.2



#78

Pyrene

Concen: 11.221 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129143.D

Acq: 06 Jul 2022 15:18

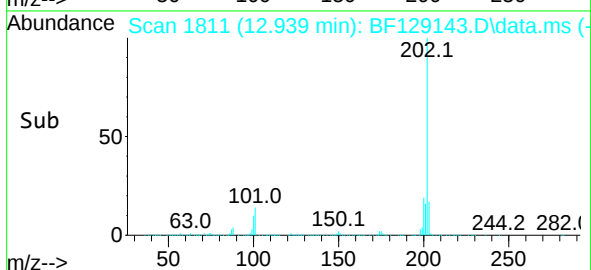
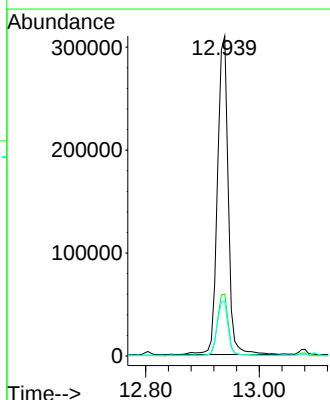
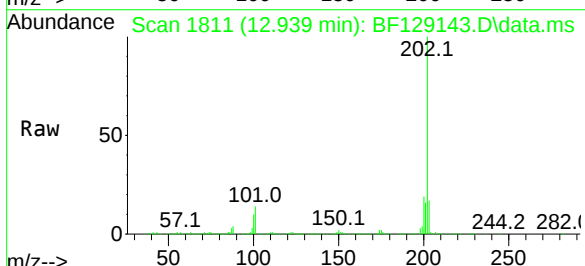
Tgt Ion:202 Resp: 404814

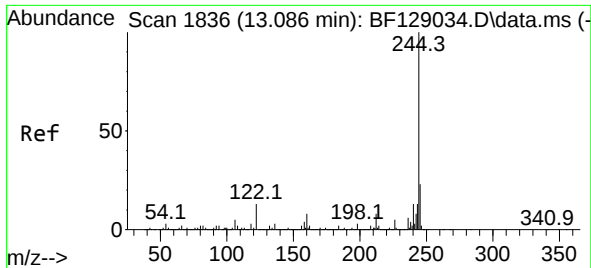
Ion Ratio Lower Upper

202 100

200 19.4 17.7 26.5

203 17.2 14.6 21.8

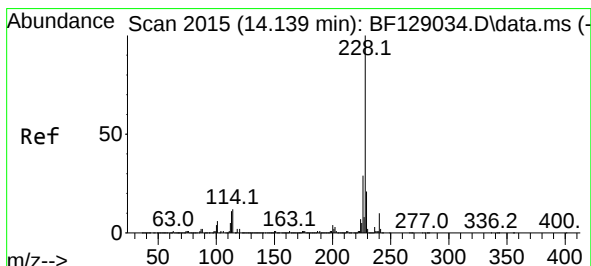
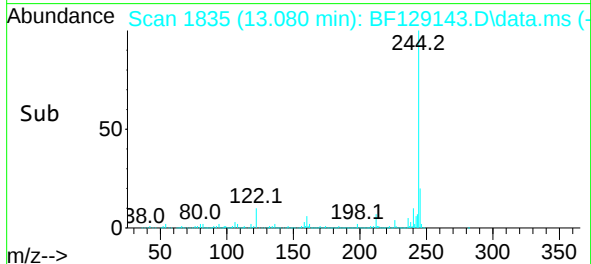
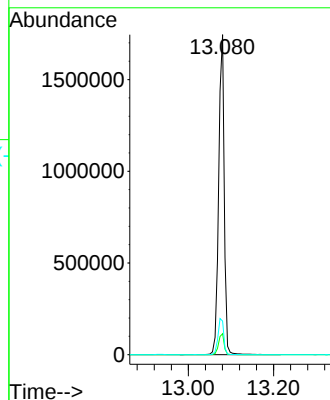
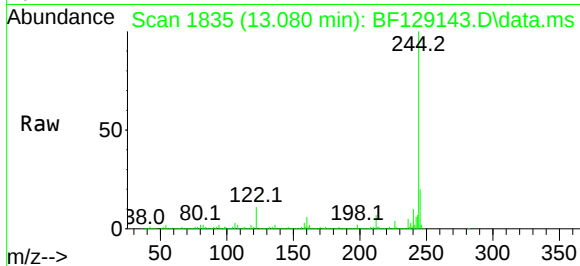




#79
 Terphenyl-d14
 Concen: 62.563 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

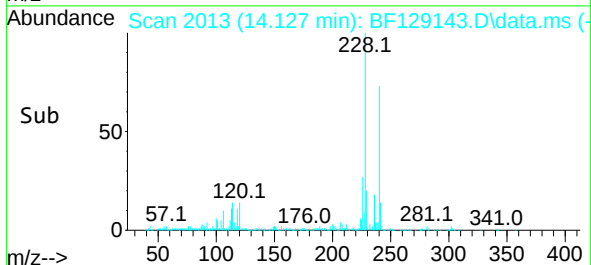
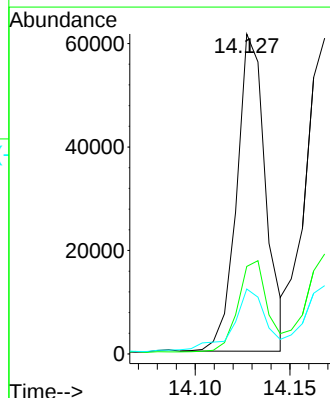
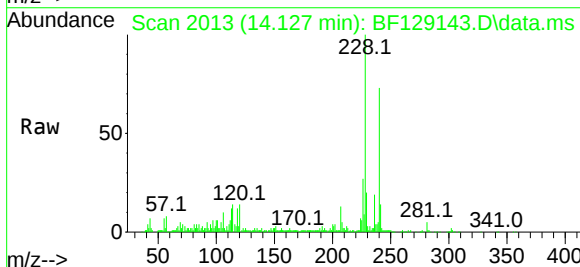
Instrument :
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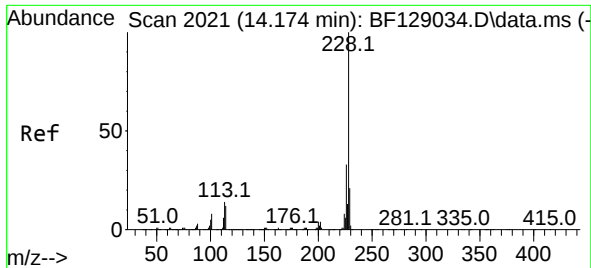
Tgt Ion:244 Resp: 1567986
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 10.5 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.053 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.012 min
 Lab File: BF129143.D
 Acq: 06 Jul 2022 15:18

Tgt Ion:228 Resp: 65226
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.1 33.1
 229 20.3 15.8 23.8

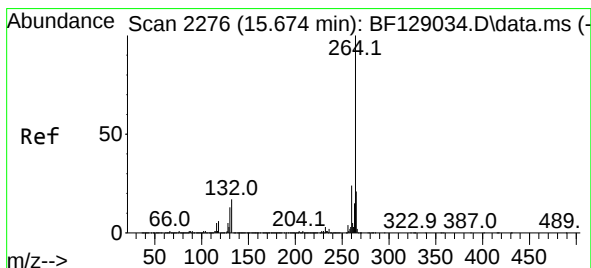
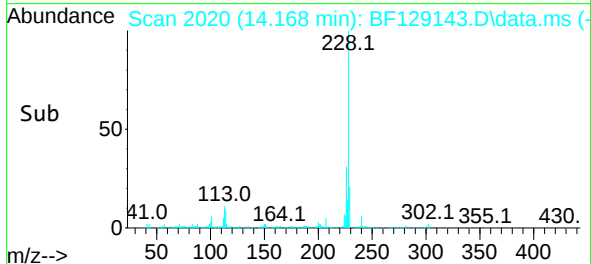
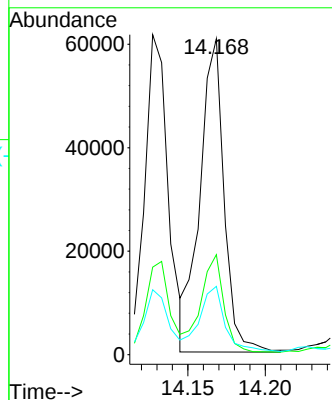
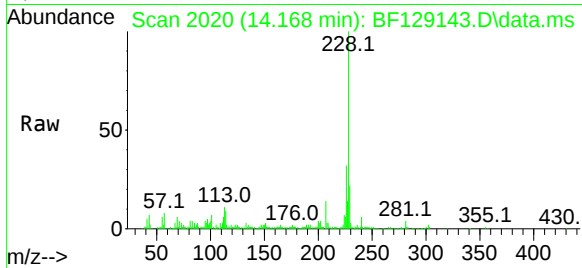




#83
Chrysene
Concen: 2.229 ng
RT: 14.168 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Instrument :
BNA_F
ClientSampleId :
SB-9A

Tgt Ion:228 Resp: 65746
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 21.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF129143.D
Acq: 06 Jul 2022 15:18

Tgt Ion:264 Resp: 597557
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.3 17.2 25.8

