

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129089.D
 Acq On : 01 Jul 2022 13:28
 Operator : CG\JU
 Sample : N3434-05DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2205-30DL

Quant Time: Jul 02 01:24:58 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)

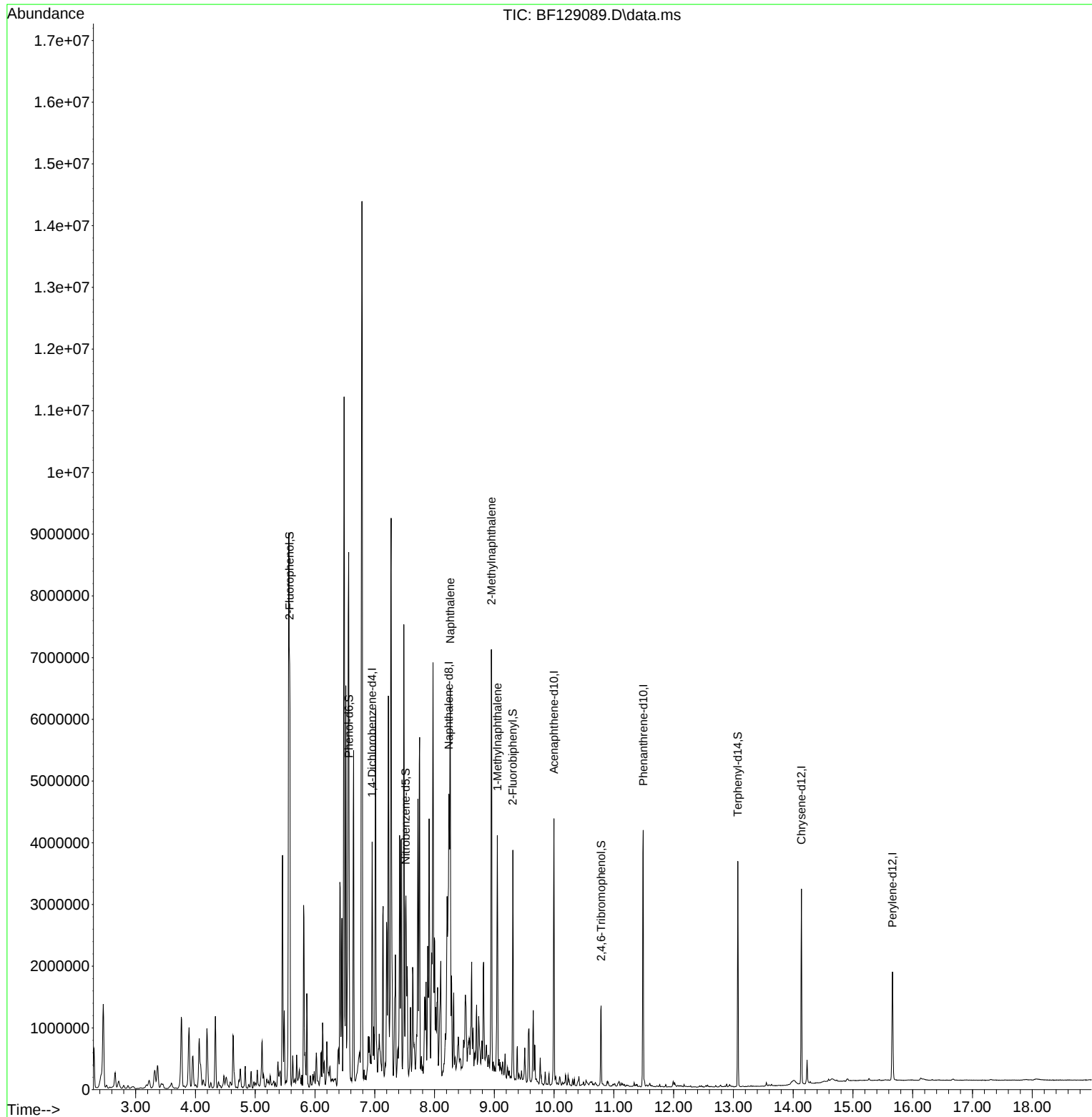
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	424796	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1599864	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	867672	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1551584	20.000	ng	0.00
76) Chrysene-d12	14.139	240	994141	20.000	ng	-0.01
86) Perylene-d12	15.662	264	796046	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	565161	22.493	ng	-0.01
7) Phenol-d6	6.569	99	827059	26.503	ng	-0.02
23) Nitrobenzene-d5	7.516	82	539095	20.099	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	170916	18.116	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1073398	19.791	ng	-0.01
79) Terphenyl-d14	13.074	244	1127925	23.561	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	8.263	128	2255324	31.052	ng	98
37) 2-Methylnaphthalene	8.951	142	2031522	41.568	ng	99
38) 1-Methylnaphthalene	9.051	142	982963	20.711	ng	98

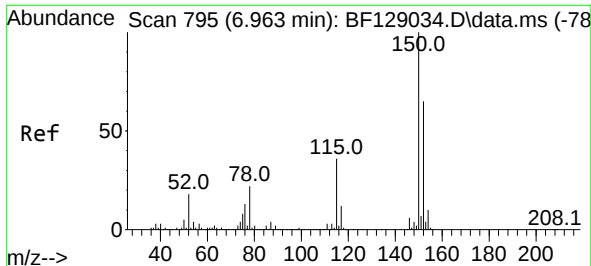
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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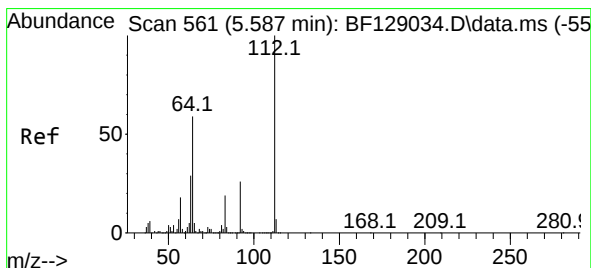
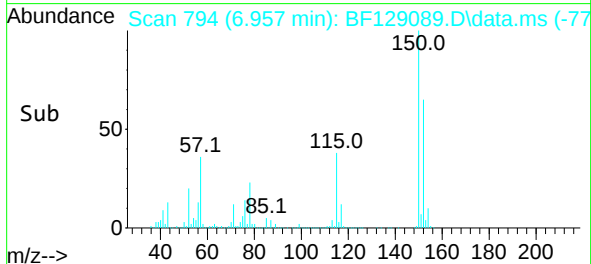
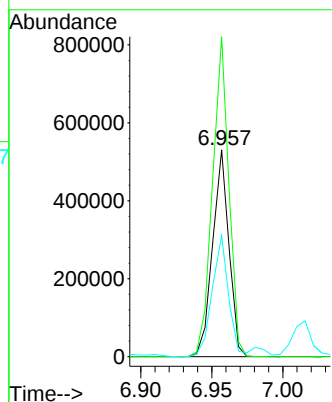
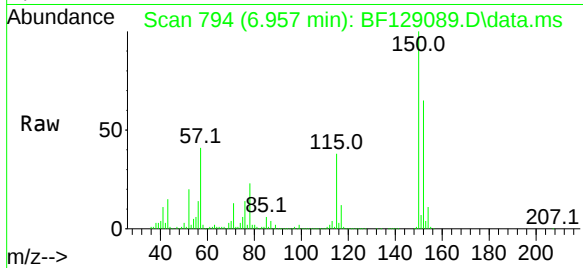




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

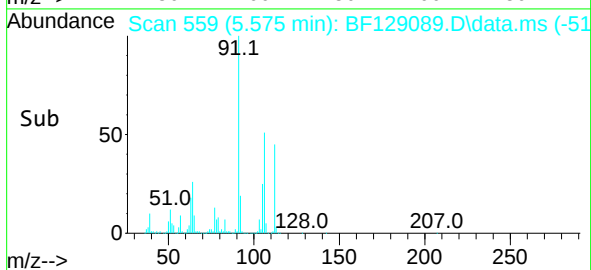
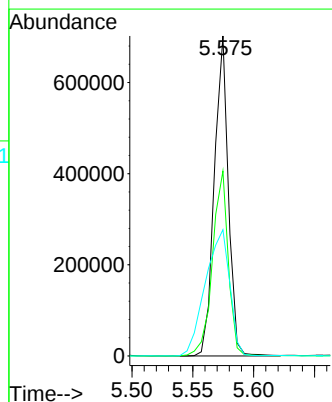
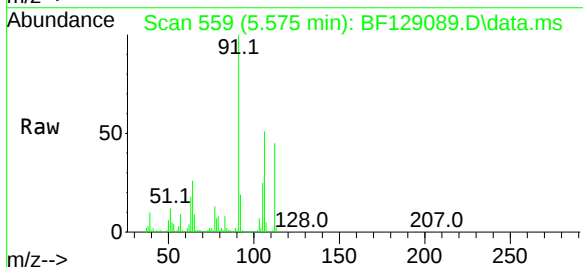
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

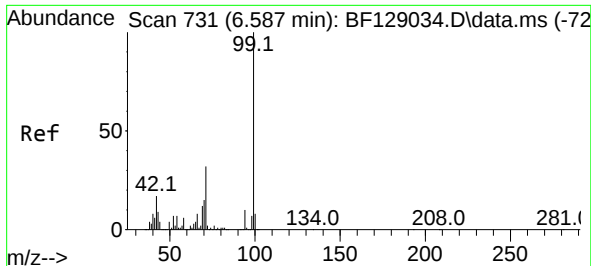
Tgt Ion:152 Resp: 424796
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 22.493 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:112 Resp: 565161
Ion Ratio Lower Upper
112 100
64 57.8 53.3 79.9
63 39.4 28.0 42.0

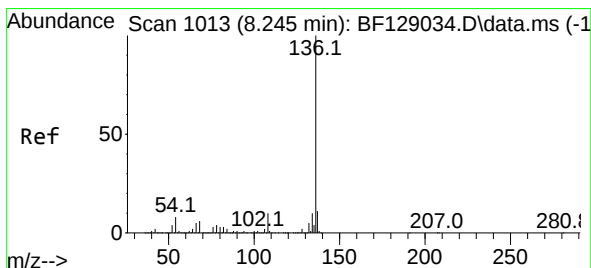
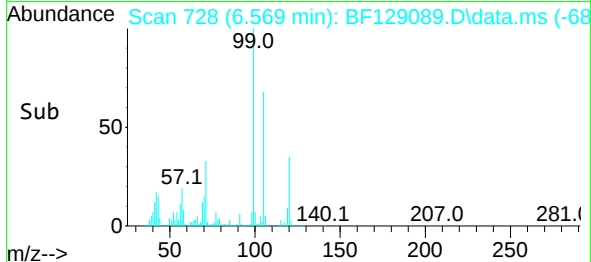
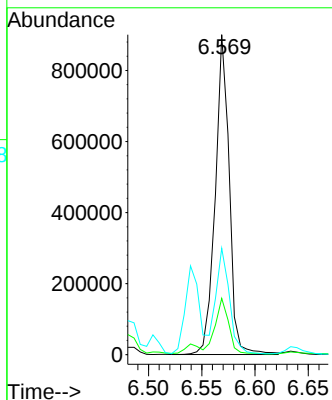
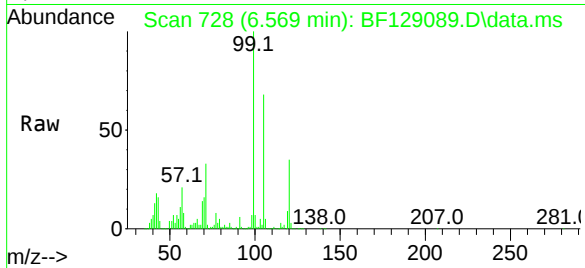




#7
Phenol-d6
Concen: 26.503 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

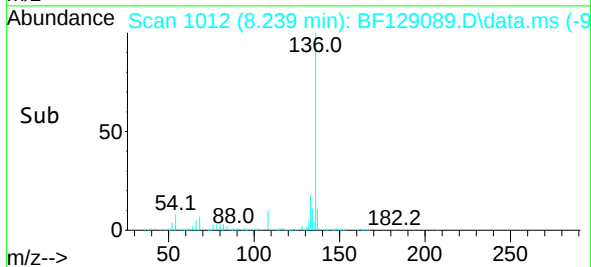
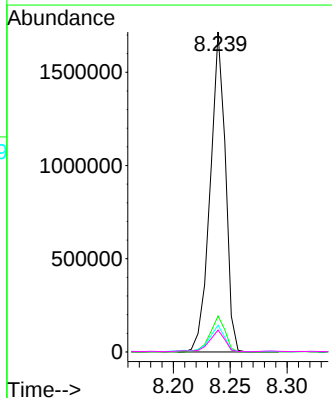
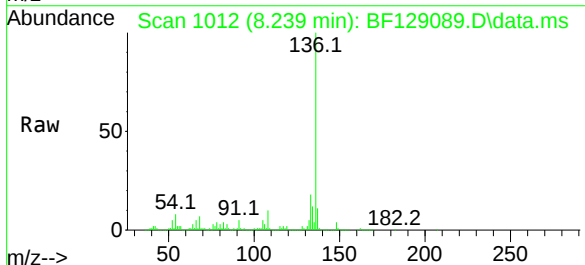
Instrument :
BNA_F
ClientSampleId :
B2205-30DL

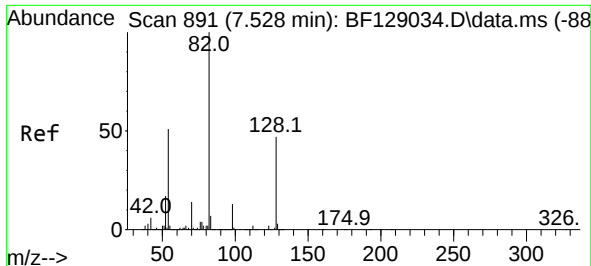
Tgt Ion: 99 Resp: 827059
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 33.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion: 136 Resp: 1599864
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.4 7.5 11.3
68 6.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 20.099 ng

RT: 7.516 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B2205-30DL

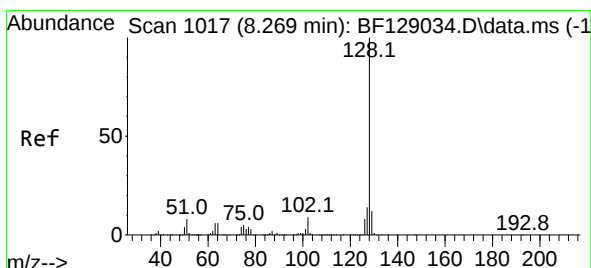
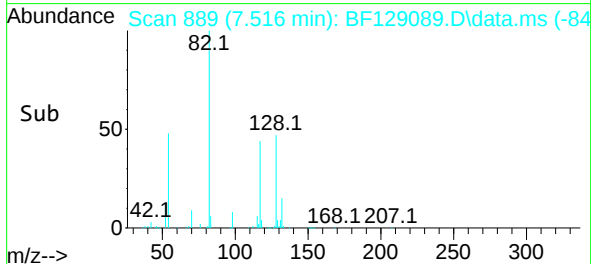
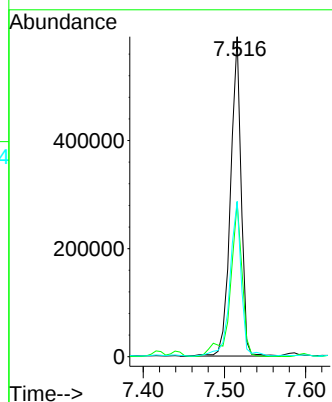
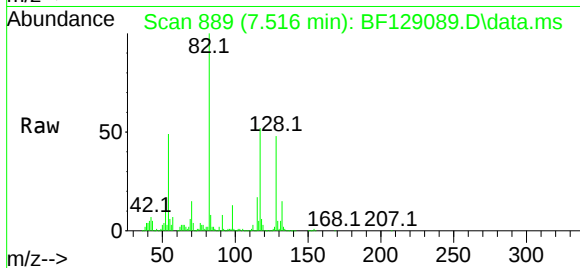
Tgt Ion: 82 Resp: 539095

Ion Ratio Lower Upper

82 100

128 48.3 34.0 51.0

54 48.6 46.9 70.3



#31

Naphthalene

Concen: 31.052 ng

RT: 8.263 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

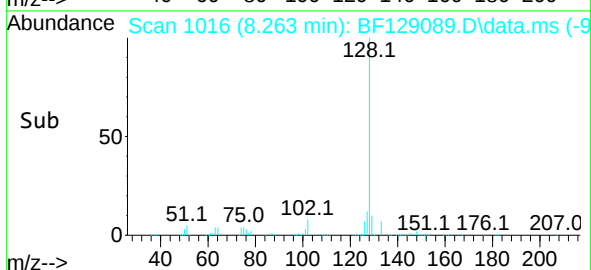
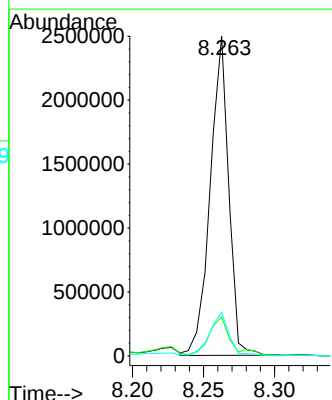
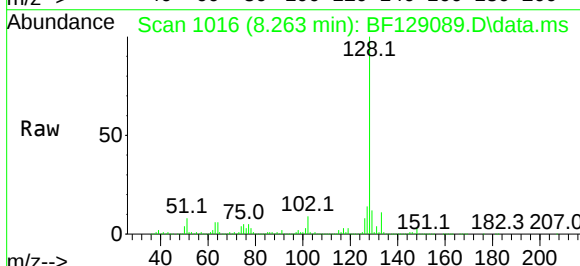
Tgt Ion: 128 Resp: 2255324

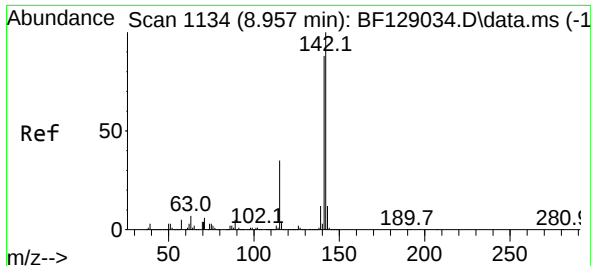
Ion Ratio Lower Upper

128 100

129 12.2 9.2 13.8

127 13.7 10.5 15.7





#37

2-Methylnaphthalene

Concen: 41.568 ng

RT: 8.951 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

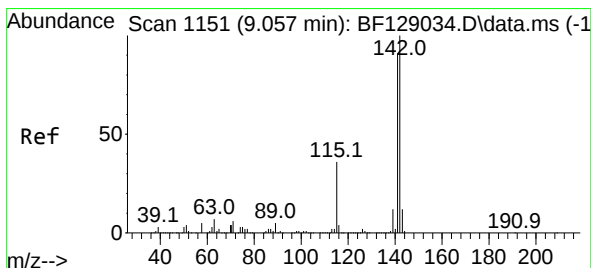
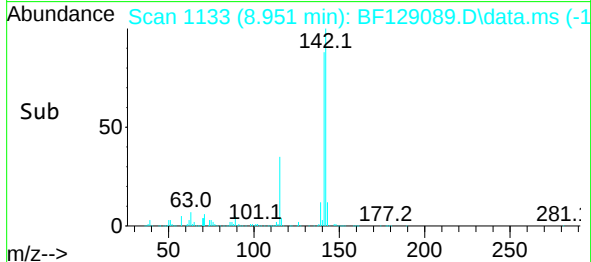
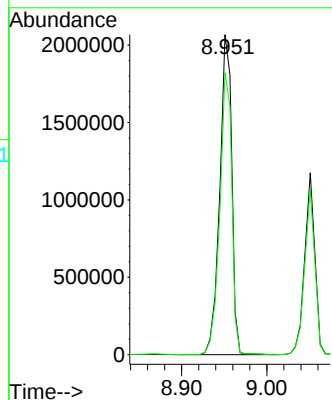
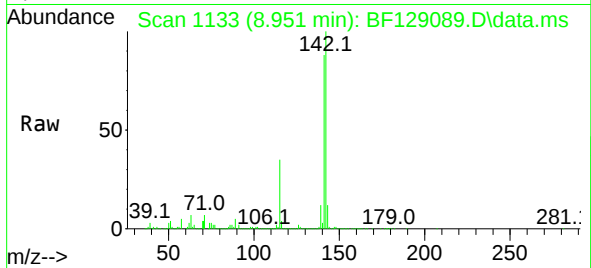
B2205-30DL

Tgt Ion:142 Resp: 2031522

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 20.711 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF129089.D

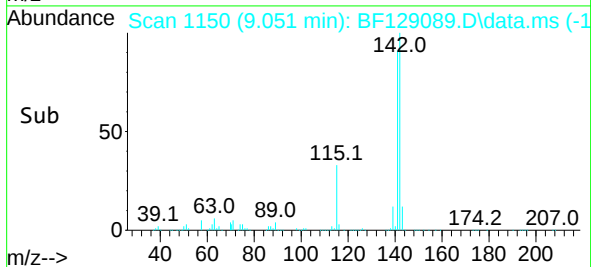
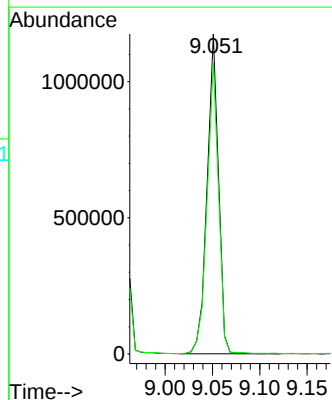
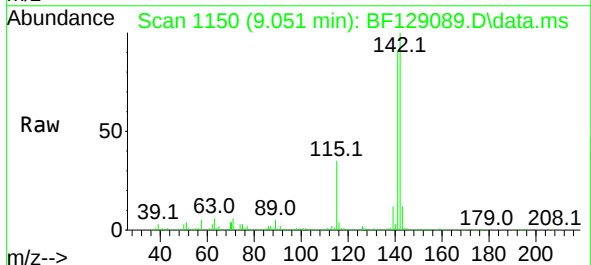
Acq: 01 Jul 2022 13:28

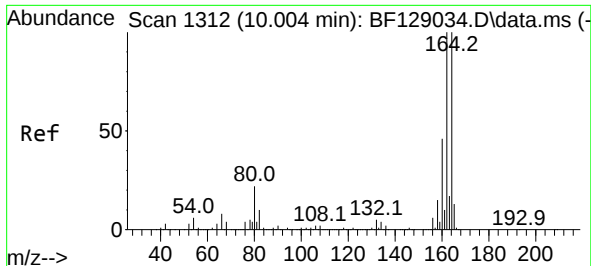
Tgt Ion:142 Resp: 982963

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

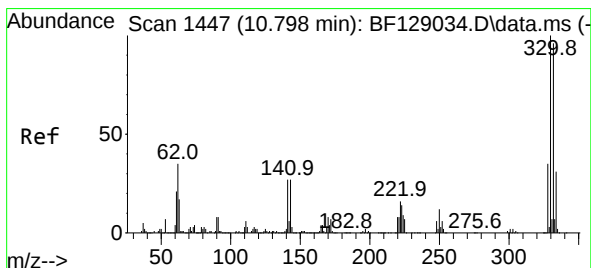
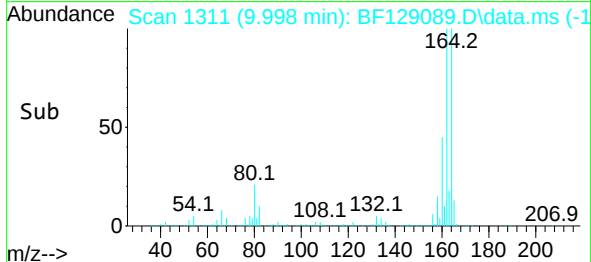
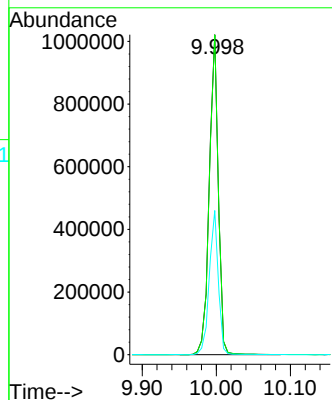
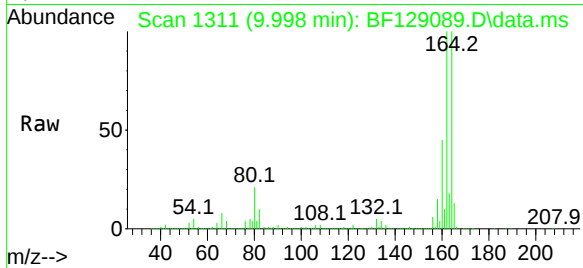




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

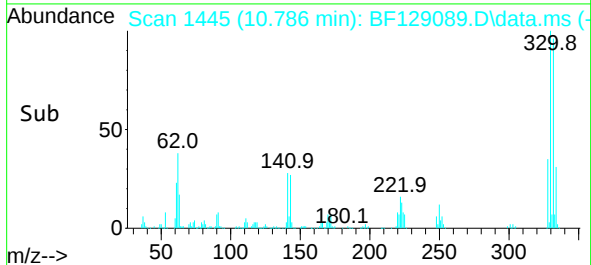
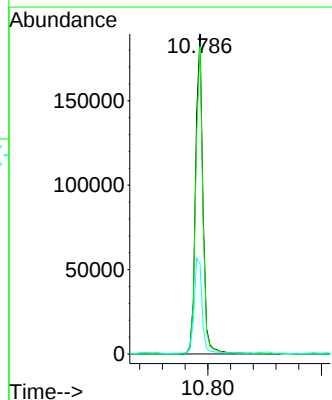
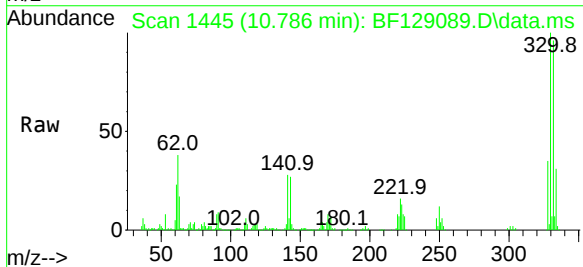
Instrument :
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ClientSampleId :
B2205-30DL

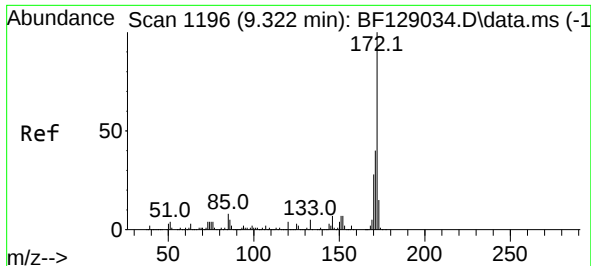
Tgt Ion:164 Resp: 867672
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 18.116 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129089.D
Acq: 01 Jul 2022 13:28

Tgt Ion:330 Resp: 170916
Ion Ratio Lower Upper
330 100
332 93.7 76.8 115.2
141 32.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 19.791 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B2205-30DL

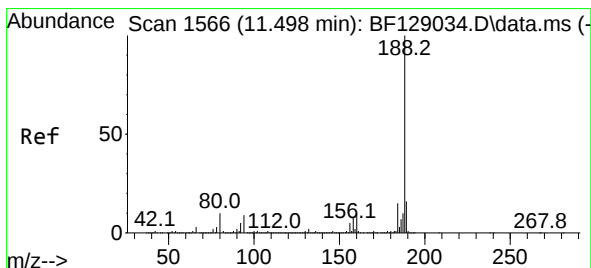
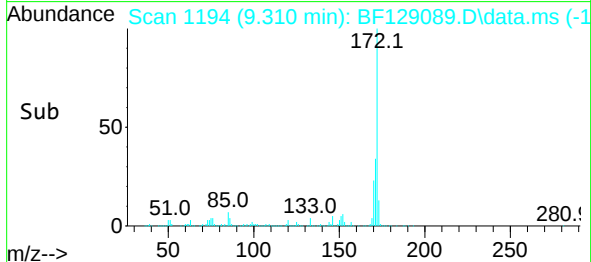
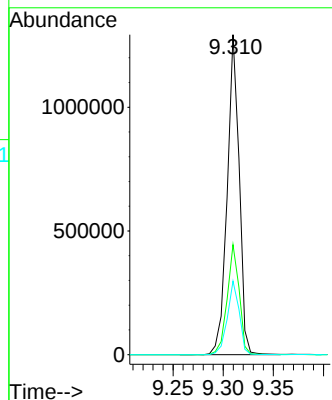
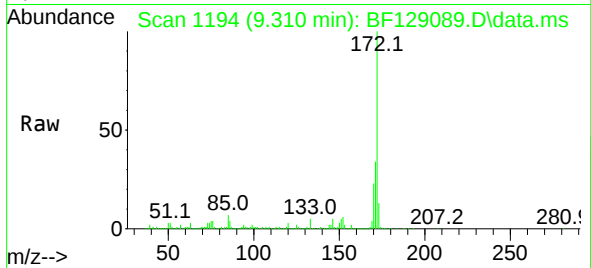
Tgt Ion:172 Resp: 1073398

Ion Ratio Lower Upper

172 100

171 34.4 28.8 43.2

170 23.0 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

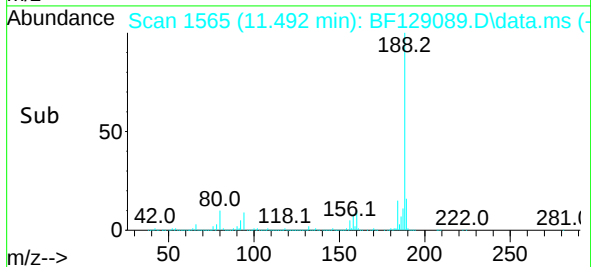
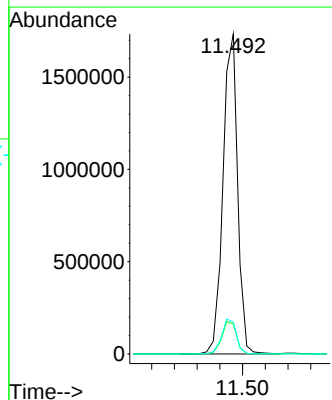
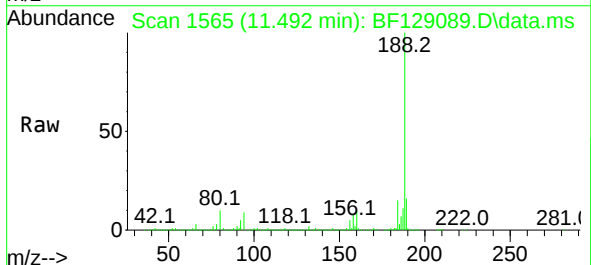
Tgt Ion:188 Resp: 1551584

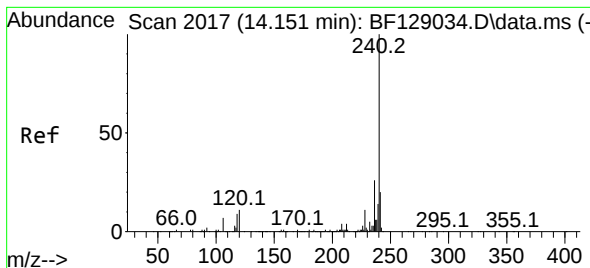
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.0 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

Instrument :

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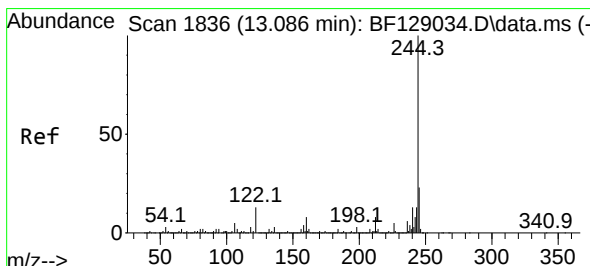
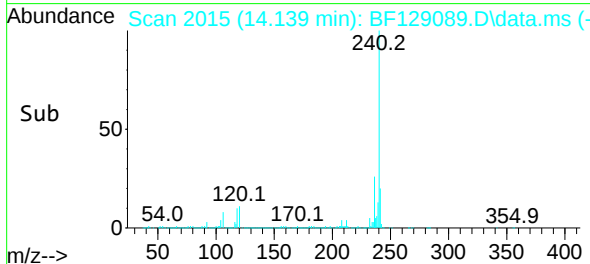
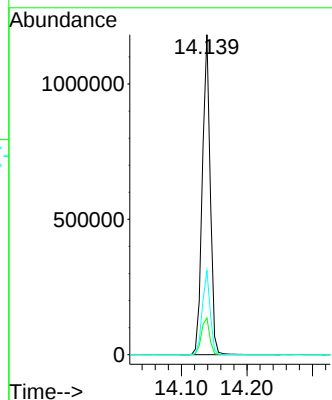
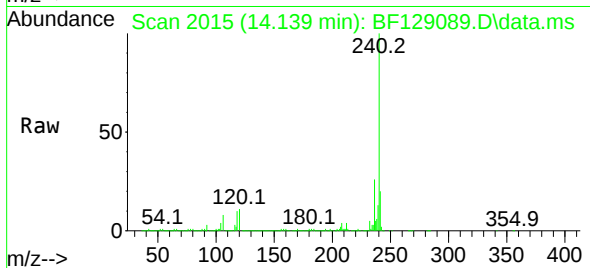
Tgt Ion:240 Resp: 994141

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 26.2 20.8 31.2



#79

Terphenyl-d14

Concen: 23.561 ng

RT: 13.074 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF129089.D

Acq: 01 Jul 2022 13:28

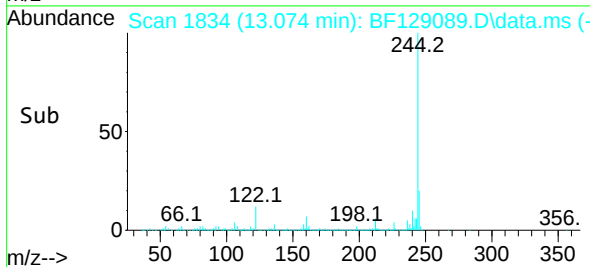
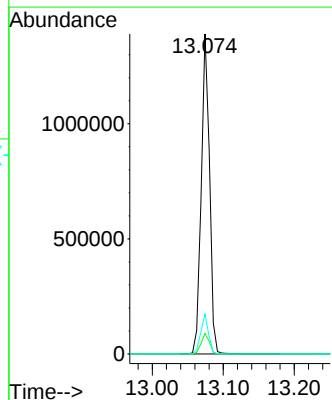
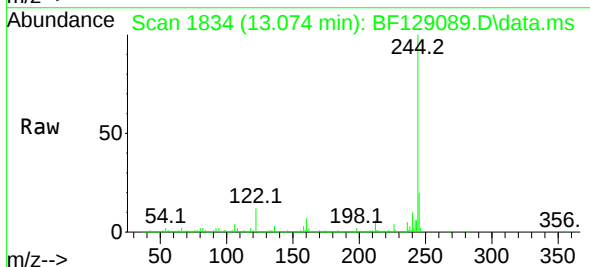
Tgt Ion:244 Resp: 1127925

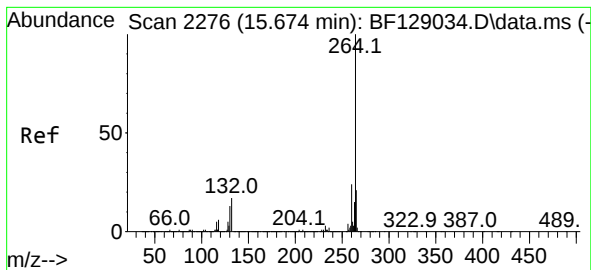
Ion Ratio Lower Upper

244 100

212 6.4 6.1 9.1

122 12.5 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.662 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129089.D

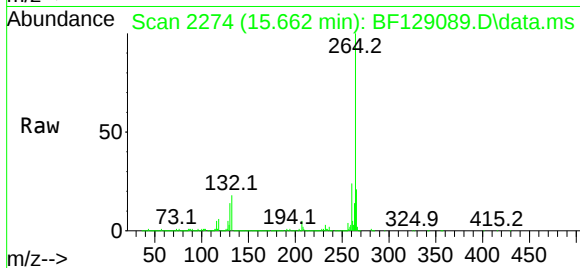
Acq: 01 Jul 2022 13:28

Instrument :

BNA_F

ClientSampleId :

B2205-30DL



Tgt Ion:264 Resp: 796046

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 21.4 17.2 25.8

