

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
 Data File : BF129039.D
 Acq On : 29 Jun 2022 16:58
 Operator : CG\JU
 Sample : PB145630BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BL

Quant Time: Jun 29 19:59:48 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	411706	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	1670002	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	894485	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1633765	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	1391393	20.000	ng	0.00
86) Perylene-d12	15.669	264	1240342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	2214712	90.945	ng	0.00
7) Phenol-d6	6.581	99	2647796	87.546	ng	0.00
23) Nitrobenzene-d5	7.522	82	2402788	85.819	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	826650	84.992	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	4260455	76.198	ng	0.00
79) Terphenyl-d14	13.086	244	4978859	74.309	ng	0.00

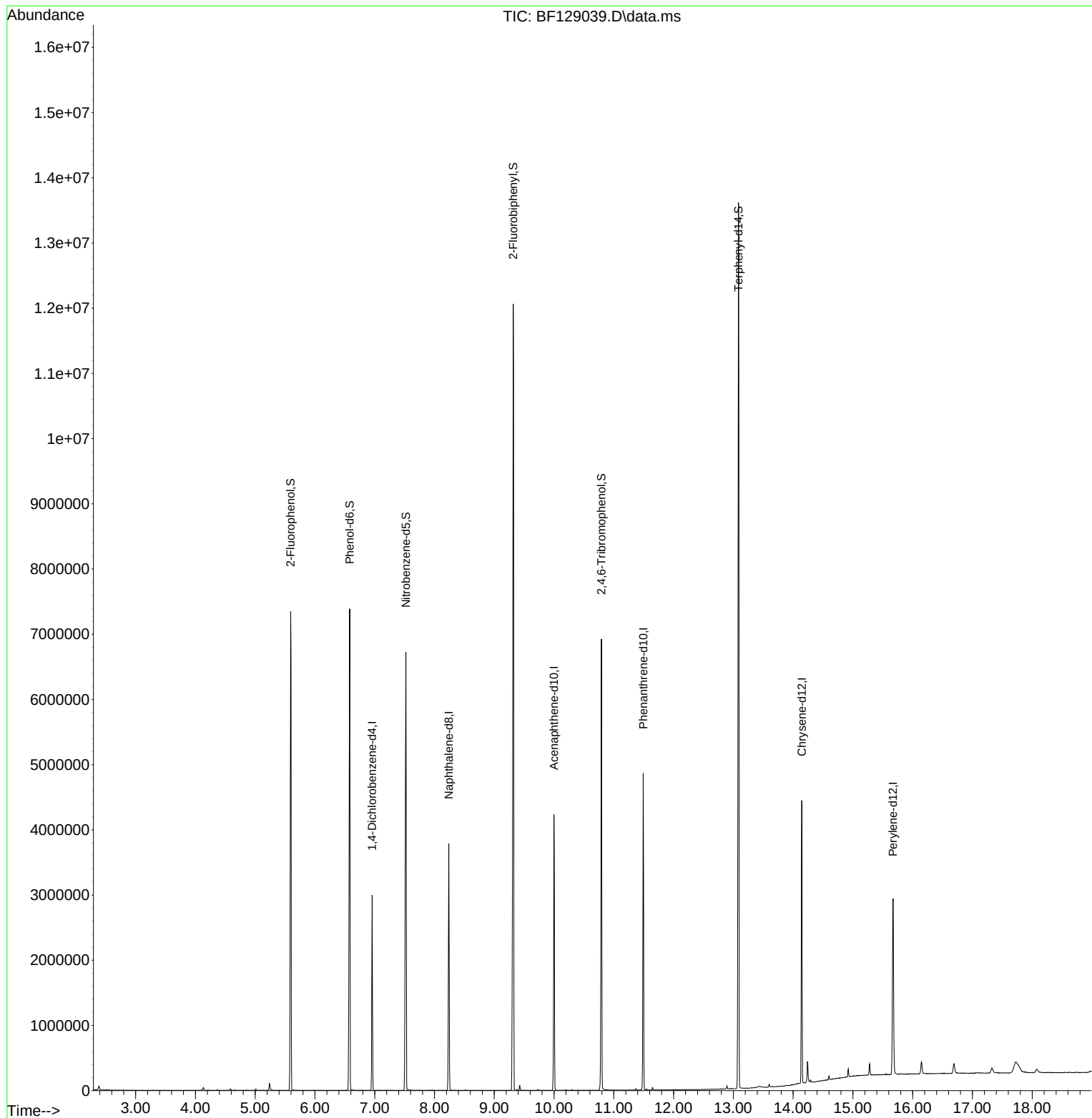
Target Compounds	Qvalue

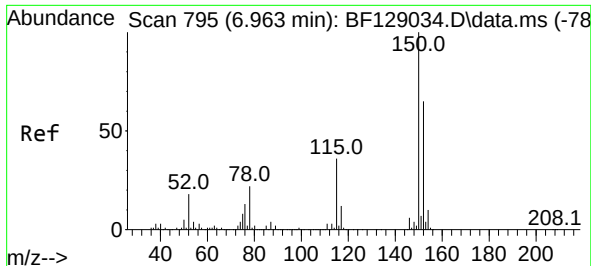
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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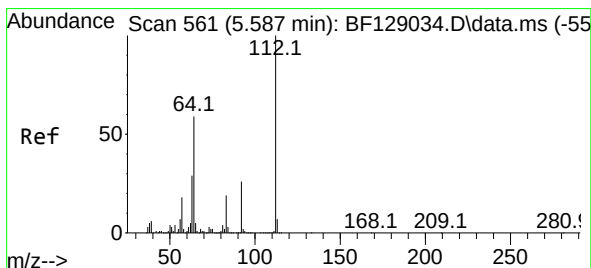
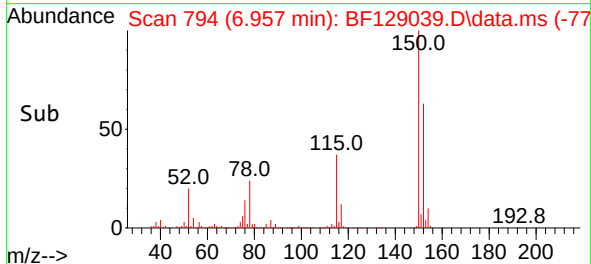
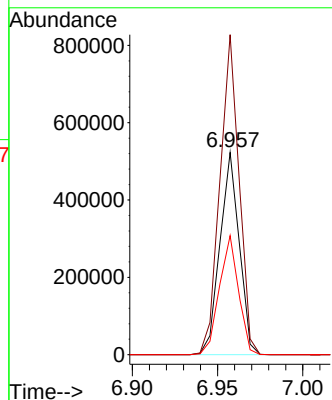
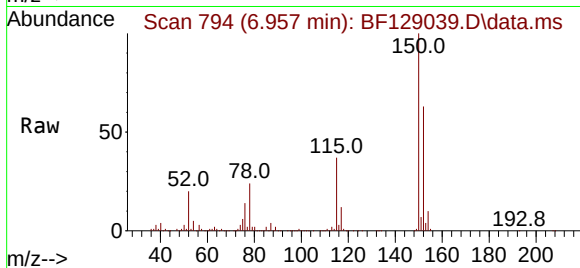




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

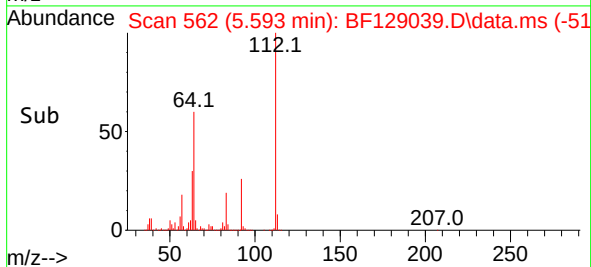
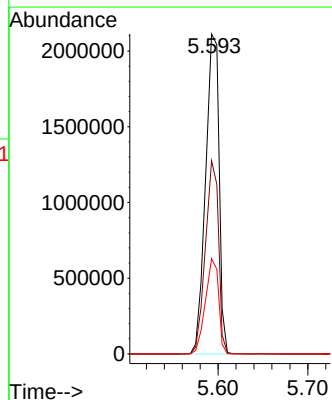
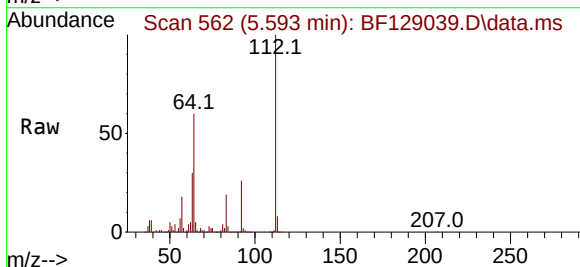
Instrument :
BNA_F
ClientSampleId :
PB145630BL

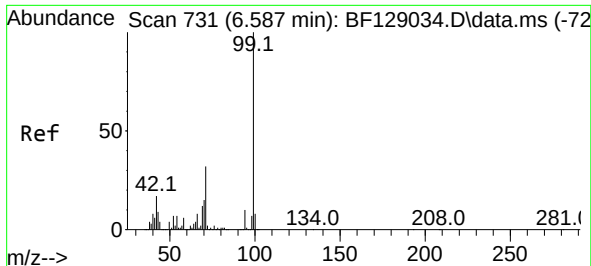
Tgt Ion:152 Resp: 411706
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 58.9 49.9 74.9



#5
2-Fluorophenol
Concen: 90.945 ng
RT: 5.593 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:112 Resp: 2214712
Ion Ratio Lower Upper
112 100
64 60.4 53.3 79.9
63 29.8 28.0 42.0

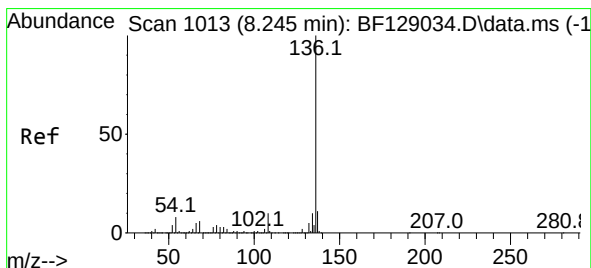
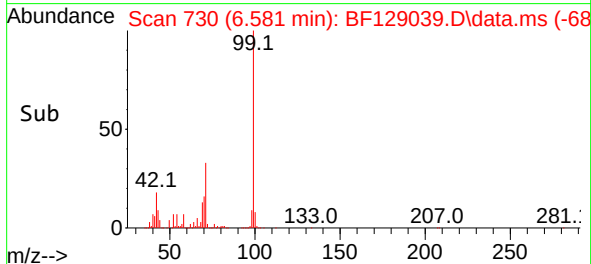
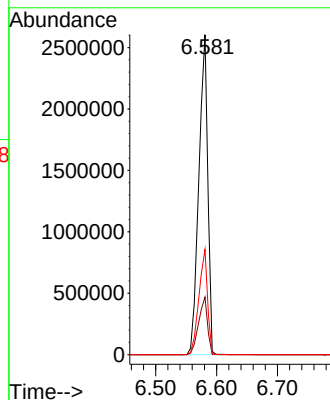
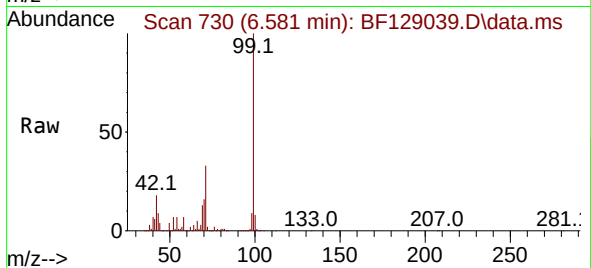




#7
Phenol-d6
Concen: 87.546 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

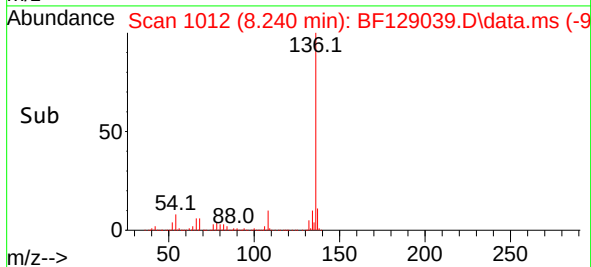
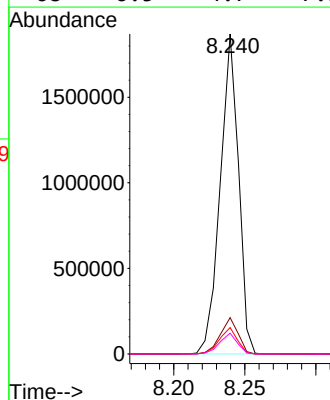
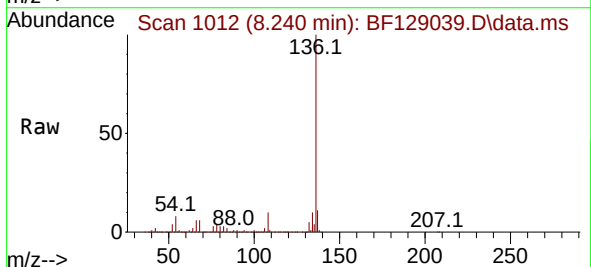
Instrument :
BNA_F
ClientSampleId :
PB145630BL

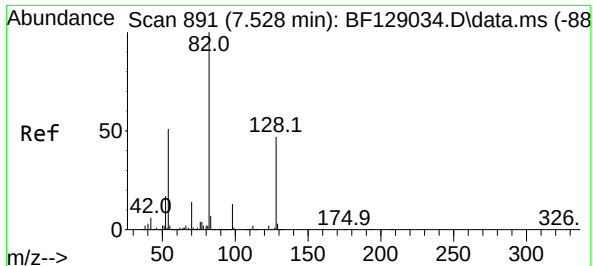
Tgt Ion: 99 Resp: 2647796
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 32.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion: 136 Resp: 1670002
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.2 7.5 11.3
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 85.819 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129039.D

Acq: 29 Jun 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB145630BL

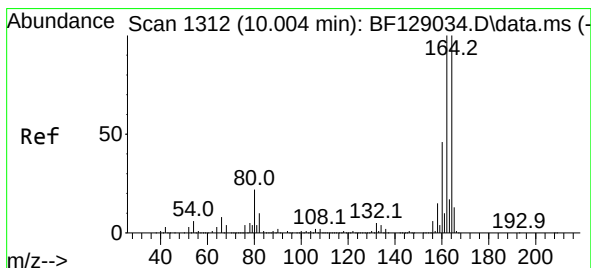
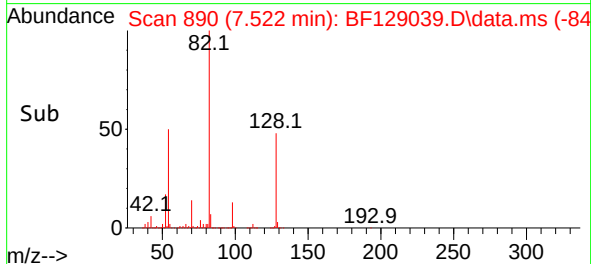
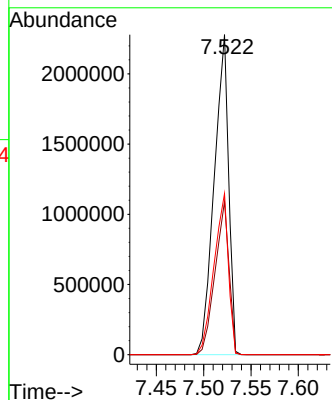
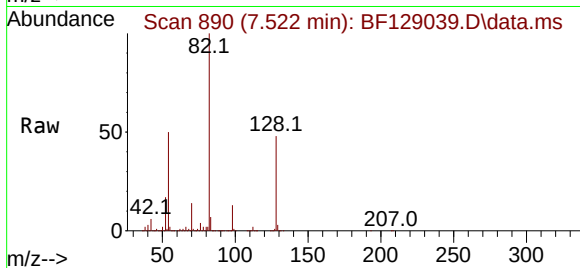
Tgt Ion: 82 Resp: 2402788

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

54 50.3 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: BF129039.D

Acq: 29 Jun 2022 16:58

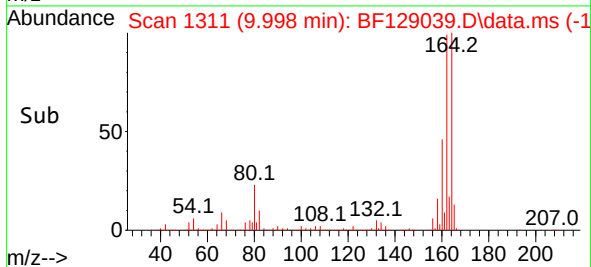
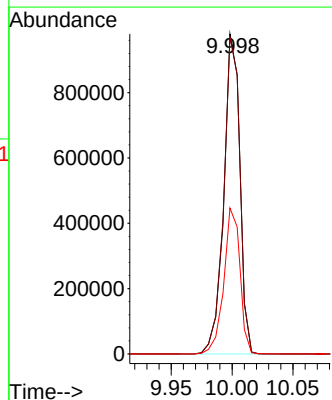
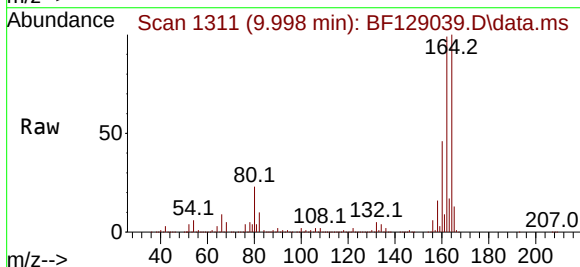
Tgt Ion:164 Resp: 894485

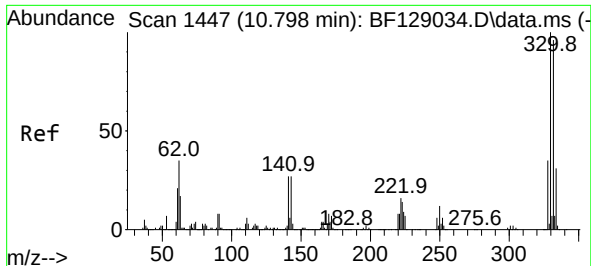
Ion Ratio Lower Upper

164 100

162 99.0 79.5 119.3

160 45.6 34.2 51.4

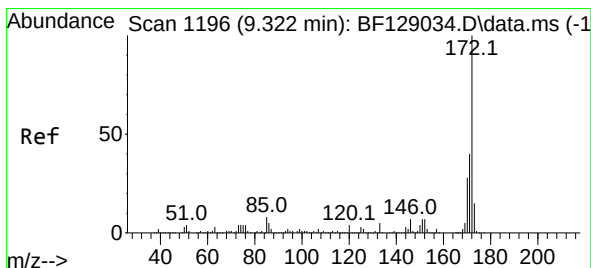
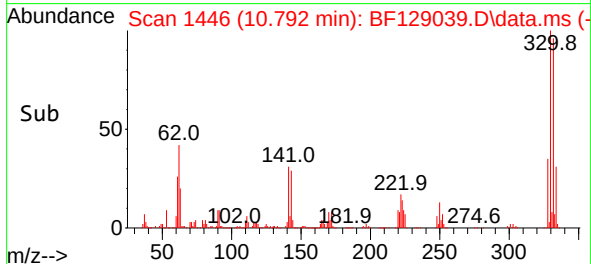
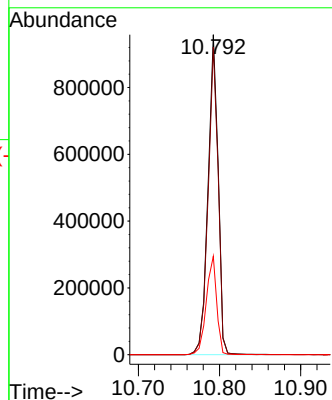
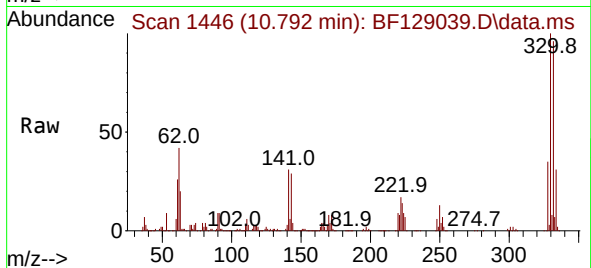




#42
2,4,6-Tribromophenol
Concen: 84.992 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

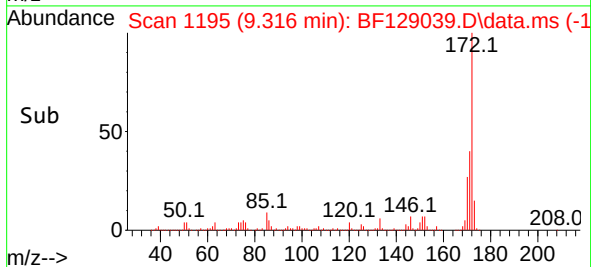
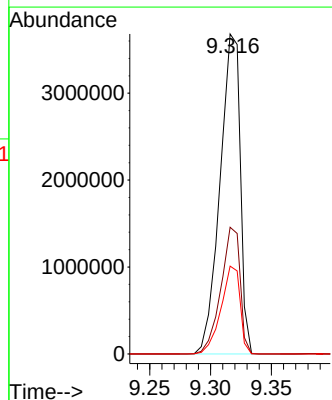
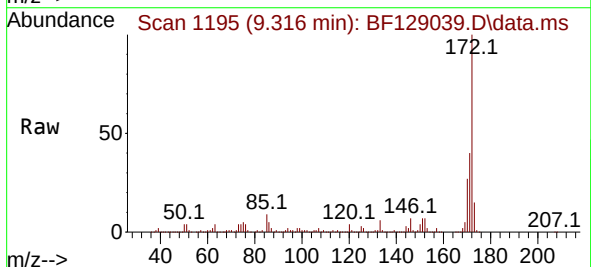
Instrument :
BNA_F
ClientSampleId :
PB145630BL

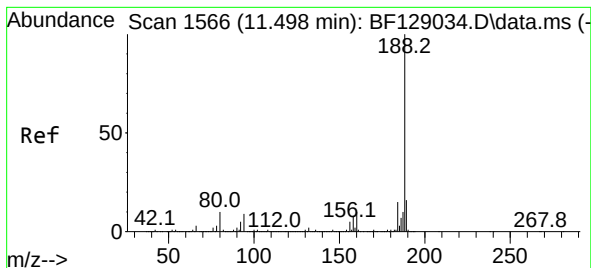
Tgt Ion:330 Resp: 826650
Ion Ratio Lower Upper
330 100
332 95.8 76.8 115.2
141 31.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 76.198 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF129039.D
Acq: 29 Jun 2022 16:58

Tgt Ion:172 Resp: 4260455
Ion Ratio Lower Upper
172 100
171 39.6 28.8 43.2
170 27.5 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: BF129039.D

Acq: 29 Jun 2022 16:58

Instrument :

BNA_F

ClientSampleId :

PB145630BL

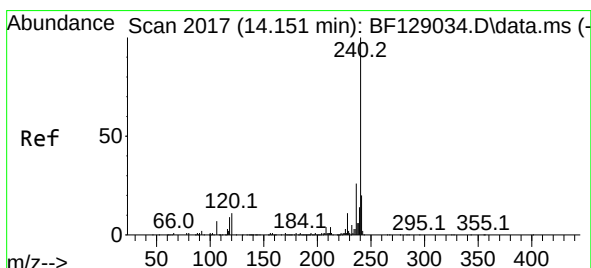
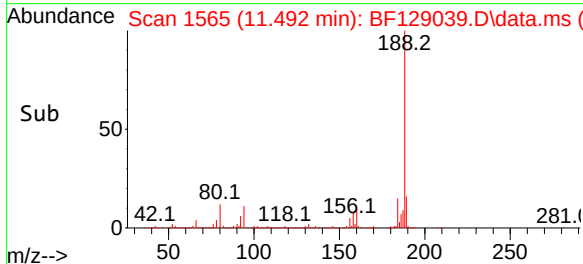
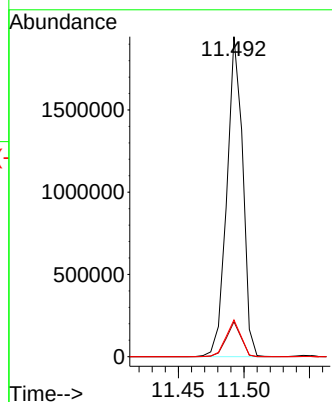
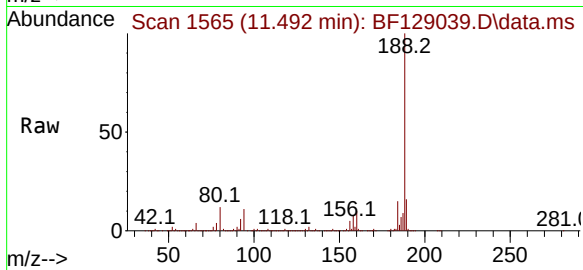
Tgt Ion:188 Resp: 1633765

Ion Ratio Lower Upper

188 100

94 10.9 7.0 10.6#

80 11.5 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF129039.D

Acq: 29 Jun 2022 16:58

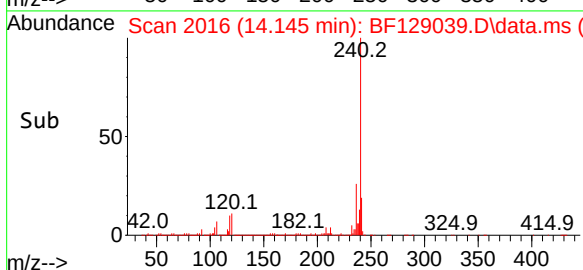
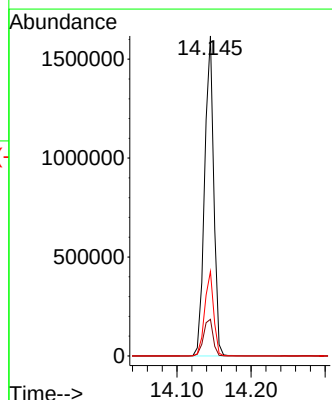
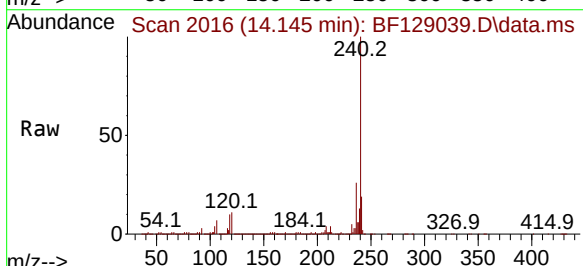
Tgt Ion:240 Resp: 1391393

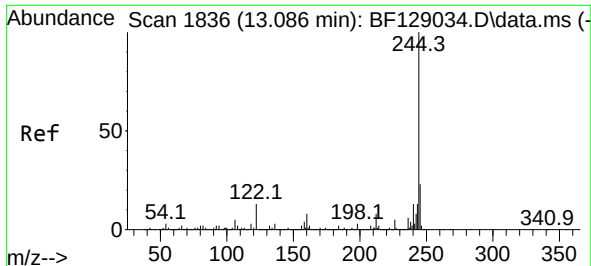
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.4 20.8 31.2

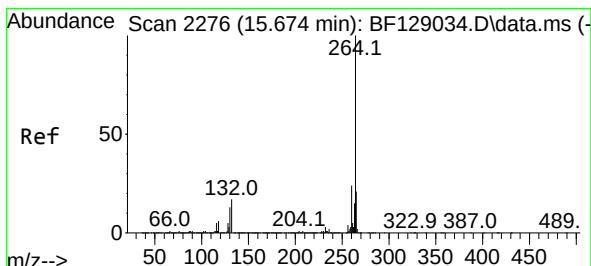
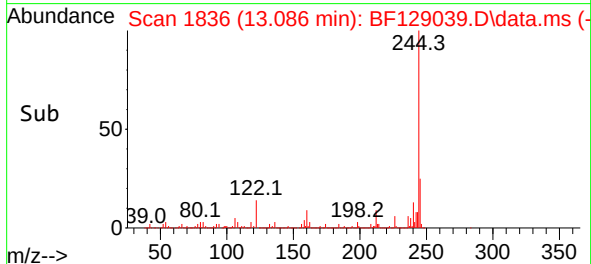
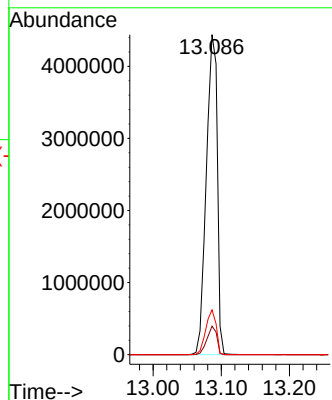
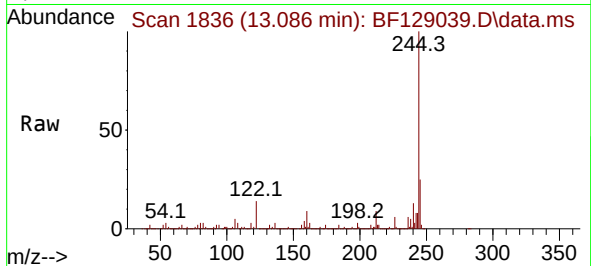




#79
 Terphenyl-d14
 Concen: 74.309 ng
 RT: 13.086 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: BF129039.D
 Acq: 29 Jun 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 PB145630BL

Tgt Ion:244 Resp: 4978859
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.1 9.1
 122 14.0 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.669 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF129039.D
 Acq: 29 Jun 2022 16:58

Tgt Ion:264 Resp: 1240342
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.9 17.2 25.8

