

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
 Data File : BF129128.D
 Acq On : 05 Jul 2022 17:28
 Operator : CG\JU
 Sample : N3564-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-11-3

Quant Time: Jul 05 18:50:47 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)

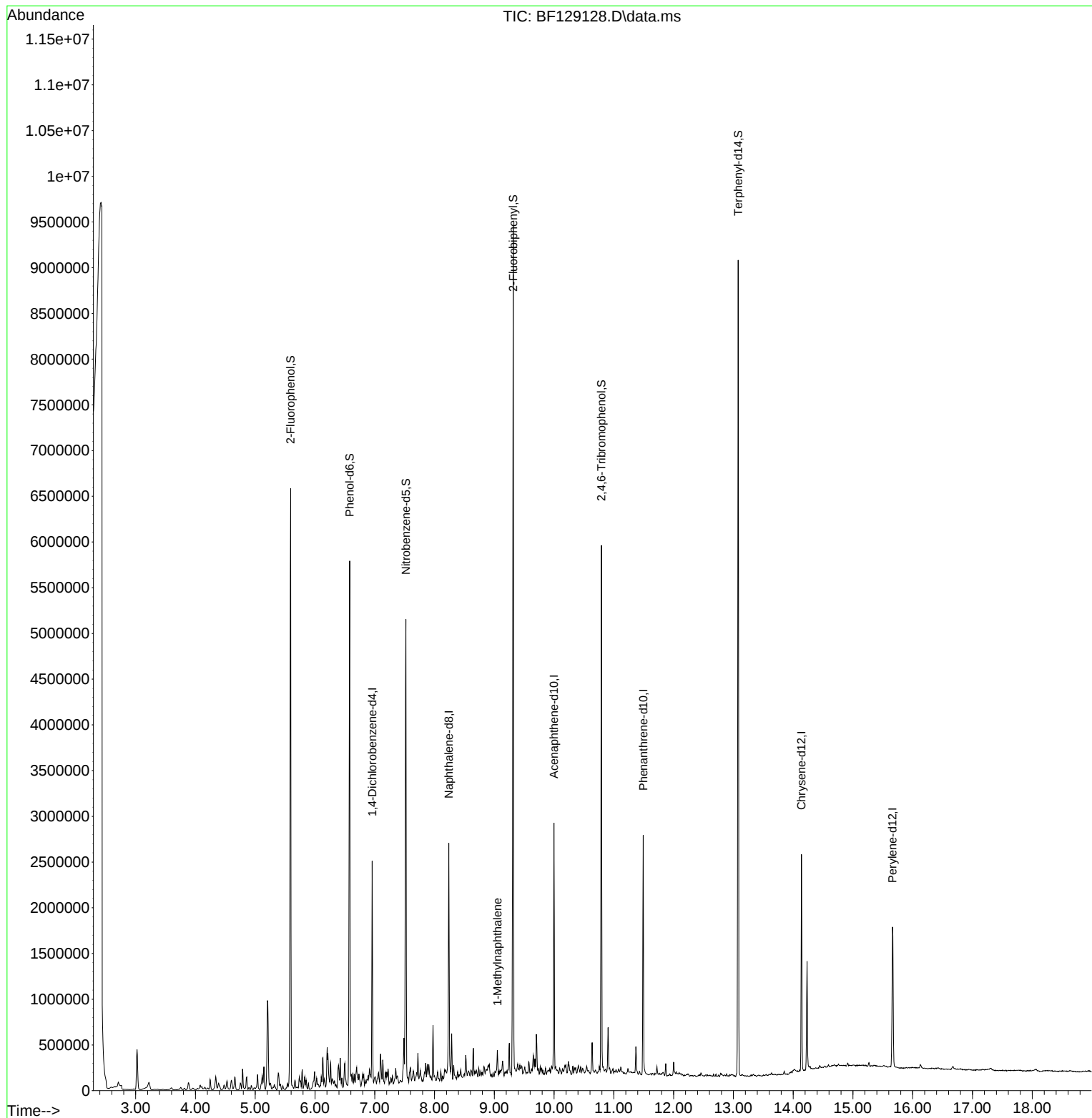
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	285672	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1074121	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	521629	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	876132	20.000	ng	0.00
76) Chrysene-d12	14.139	240	765059	20.000	ng	-0.01
86) Perylene-d12	15.662	264	752466	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1908781	112.963	ng	0.00
7) Phenol-d6	6.581	99	2080580	99.141	ng	0.00
23) Nitrobenzene-d5	7.522	82	1601061	88.908	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	712456	125.611	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2922029	89.616	ng	0.00
79) Terphenyl-d14	13.080	244	3050524	82.802	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	9.051	142	65189	2.046	ng	Qvalue 97

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

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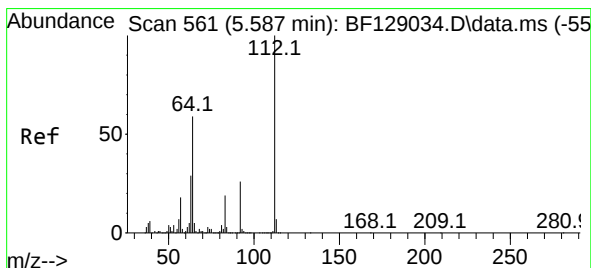
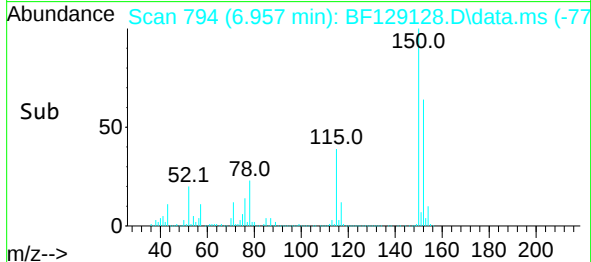
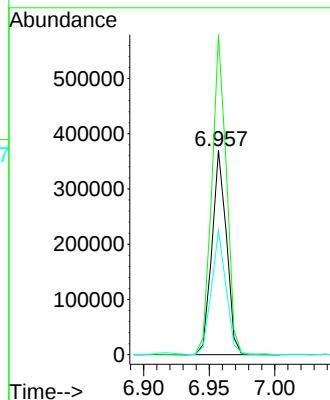
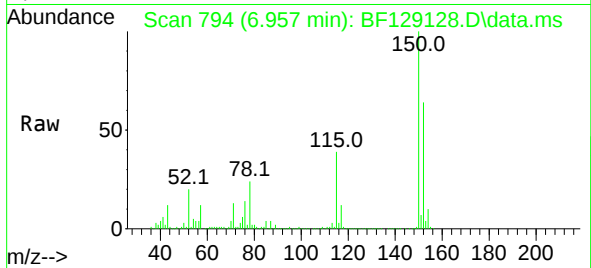




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

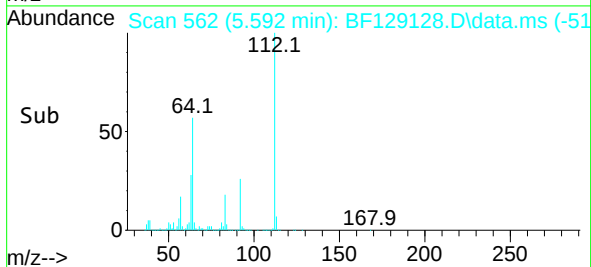
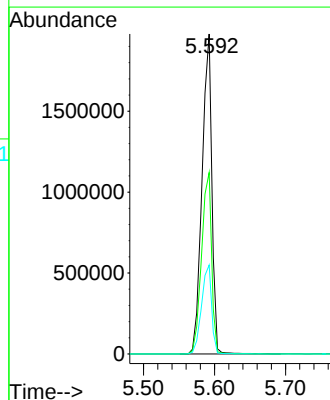
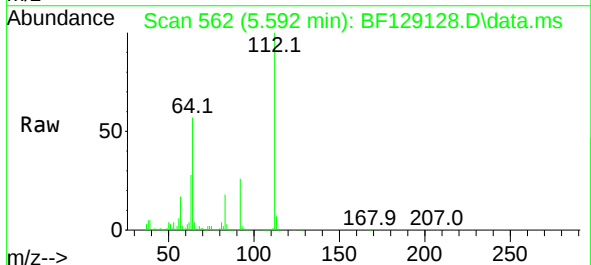
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

Tgt Ion:152 Resp: 285672
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 60.9 49.9 74.9



#5
2-Fluorophenol
Concen: 112.963 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion:112 Resp: 1908781
Ion Ratio Lower Upper
112 100
64 56.7 53.3 79.9
63 27.8 28.0 42.0

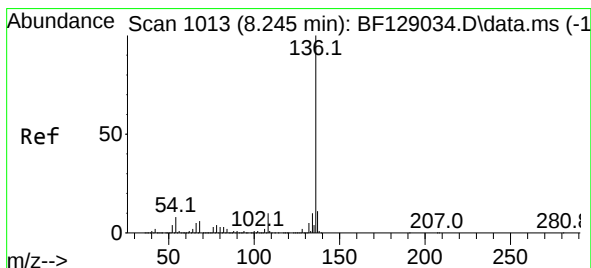
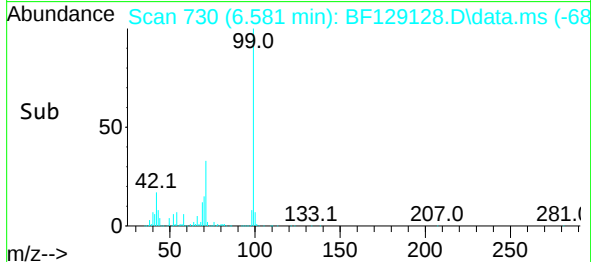
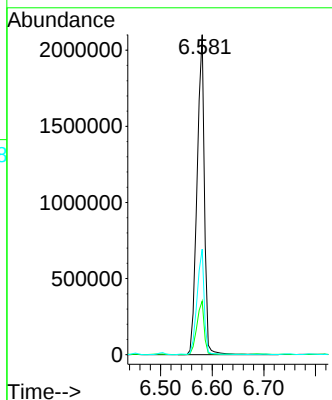
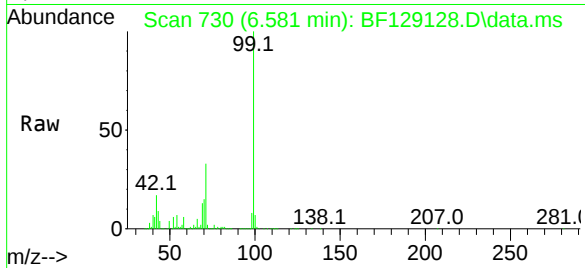




#7
Phenol-d6
Concen: 99.141 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

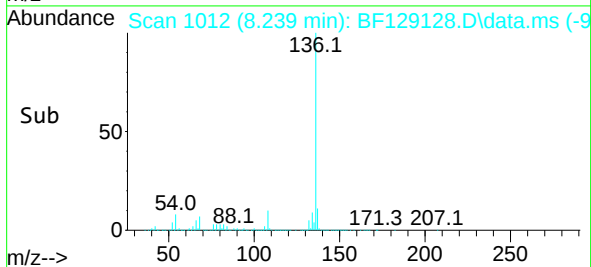
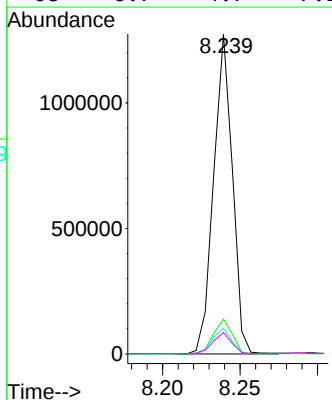
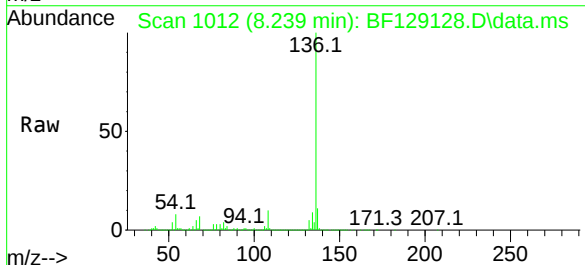
Instrument :
BNA_F
ClientSampleId :
WC-14B-11-3

Tgt Ion: 99 Resp: 2080580
Ion Ratio Lower Upper
99 100
42 16.8 17.3 25.9#
71 33.0 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: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion: 136 Resp: 1074121
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 7.5 11.3
68 6.7 4.7 7.1





#23

Nitrobenzene-d5

Concen: 88.908 ng

RT: 7.522 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-3

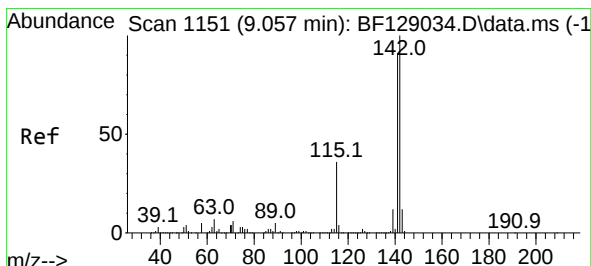
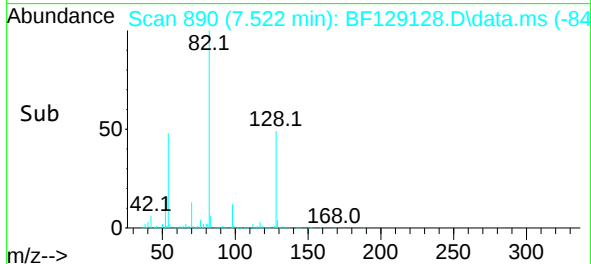
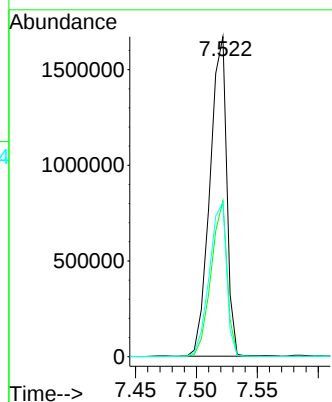
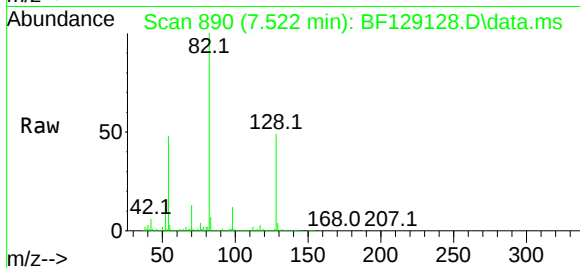
Tgt Ion: 82 Resp: 1601061

Ion Ratio Lower Upper

82 100

128 48.8 34.0 51.0

54 48.1 46.9 70.3



#38

1-Methylnaphthalene

Concen: 2.046 ng

RT: 9.051 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF129128.D

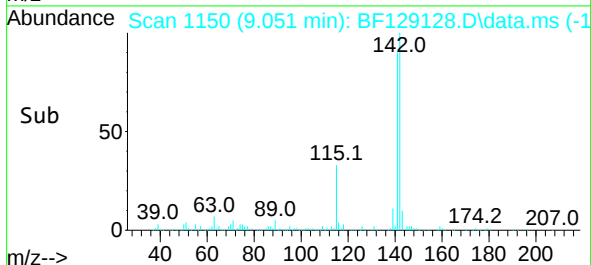
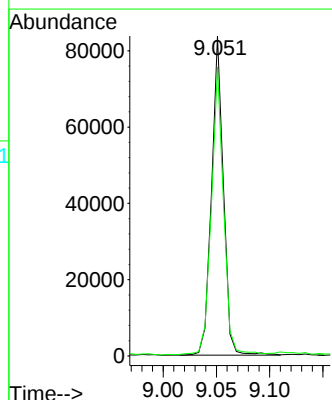
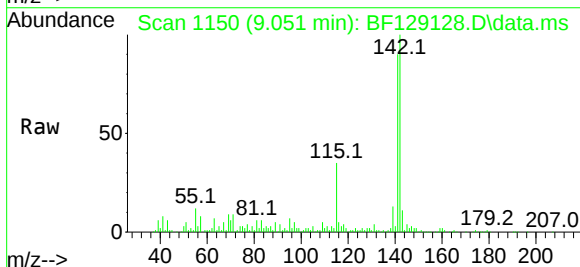
Acq: 05 Jul 2022 17:28

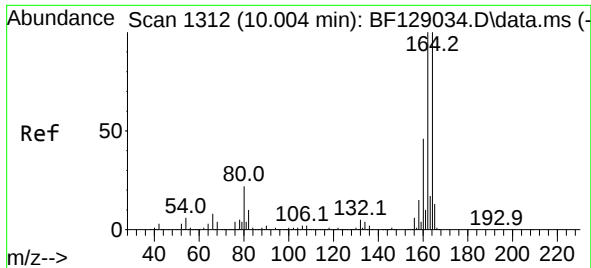
Tgt Ion: 142 Resp: 65189

Ion Ratio Lower Upper

142 100

141 90.3 74.2 111.4

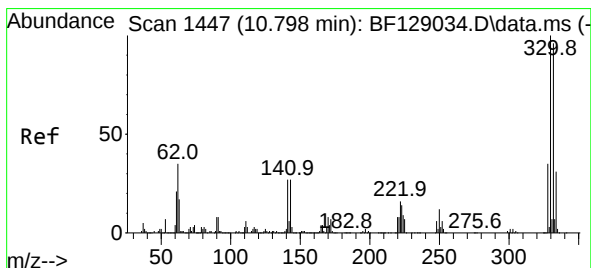
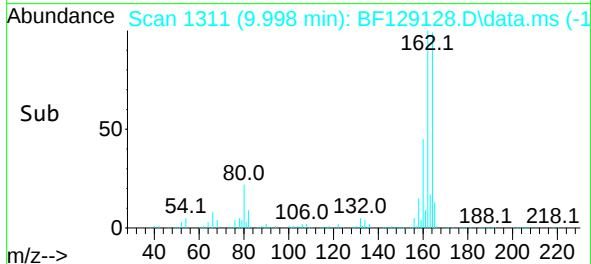
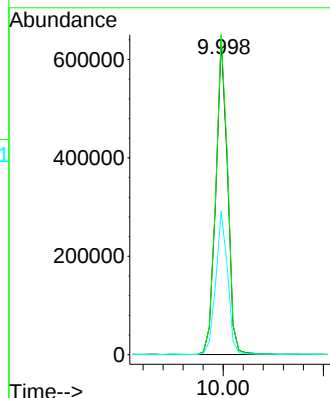
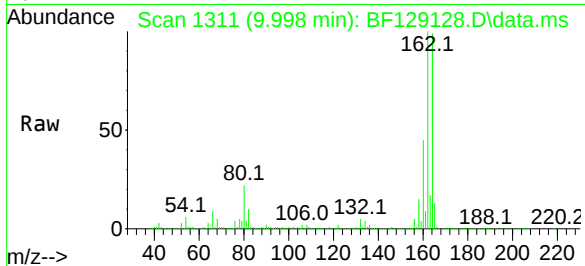




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

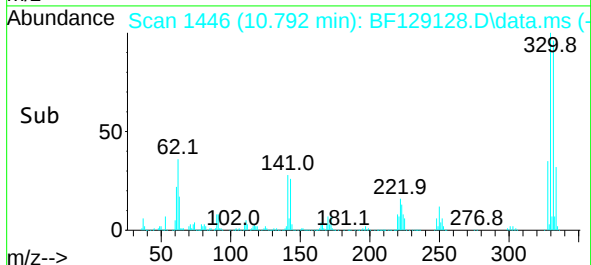
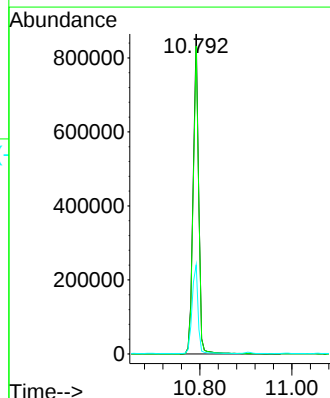
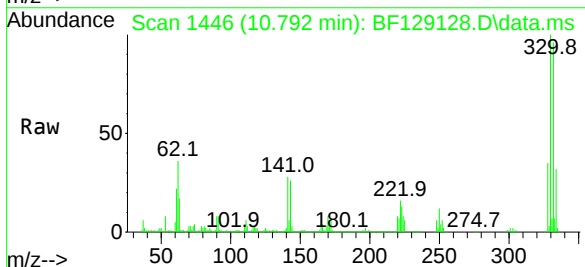
Instrument :
BNA_F
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WC-14B-11-3

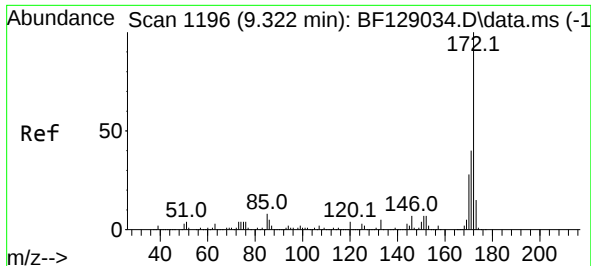
Tgt Ion:164 Resp: 521629
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.5 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 125.611 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF129128.D
Acq: 05 Jul 2022 17:28

Tgt Ion:330 Resp: 712456
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 29.9 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 89.616 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-3

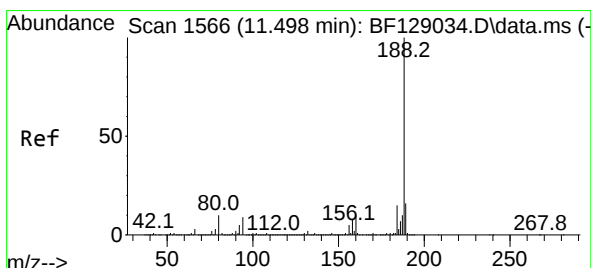
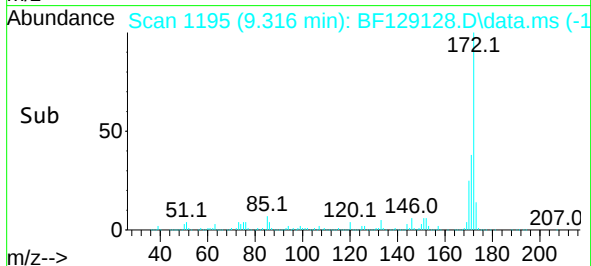
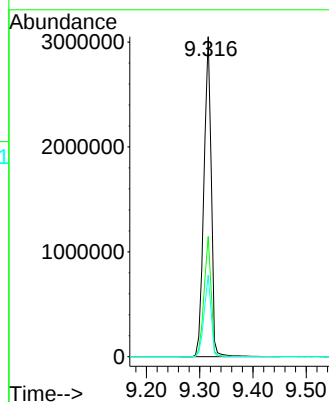
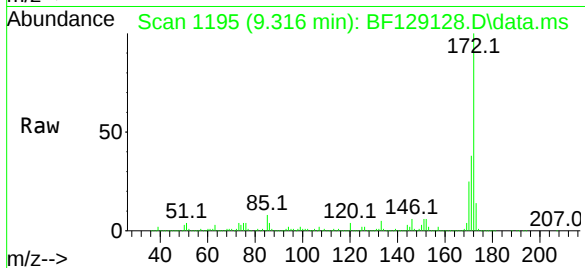
Tgt Ion:172 Resp: 2922029

Ion Ratio Lower Upper

172 100

171 37.5 28.8 43.2

170 25.5 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: BF129128.D

Acq: 05 Jul 2022 17:28

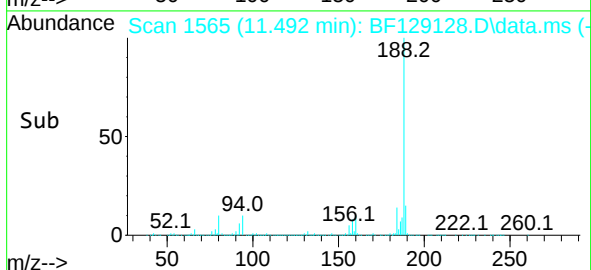
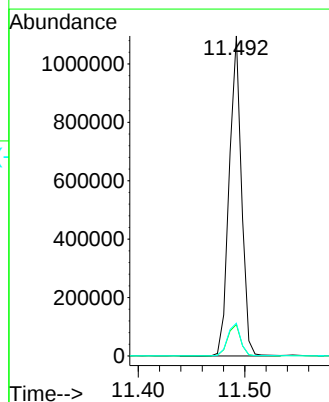
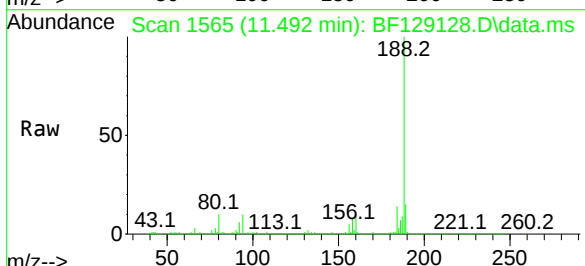
Tgt Ion:188 Resp: 876132

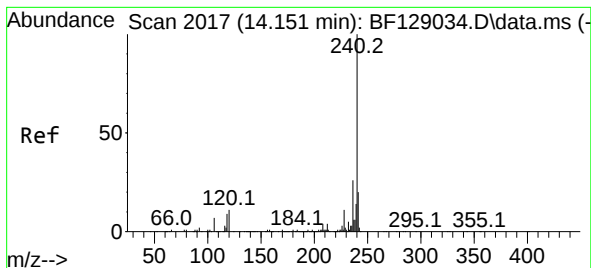
Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.3 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: BF129128.D

Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-11-3

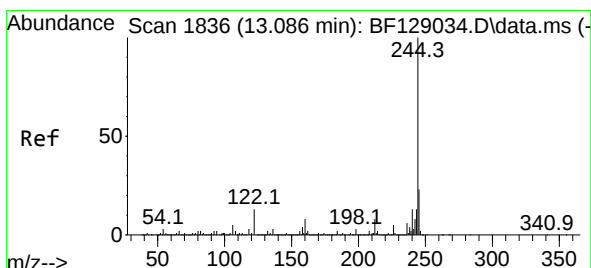
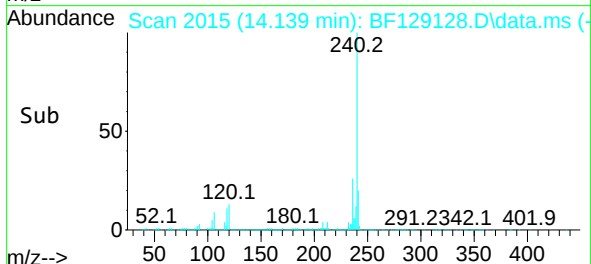
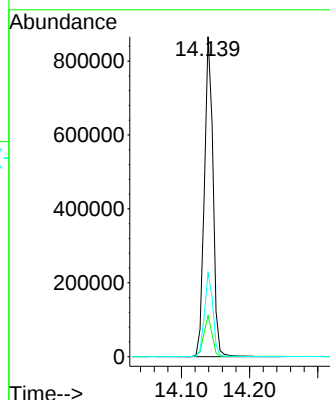
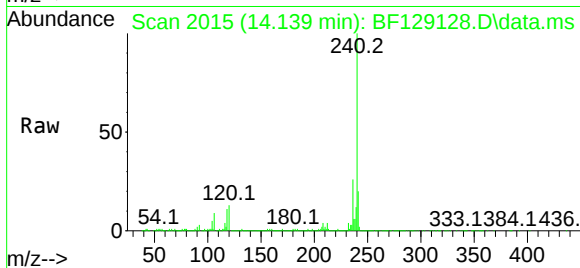
Tgt Ion:240 Resp: 765059

Ion Ratio Lower Upper

240 100

120 12.8 8.9 13.3

236 26.2 20.8 31.2



#79

Terphenyl-d14

Concen: 82.802 ng

RT: 13.080 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF129128.D

Acq: 05 Jul 2022 17:28

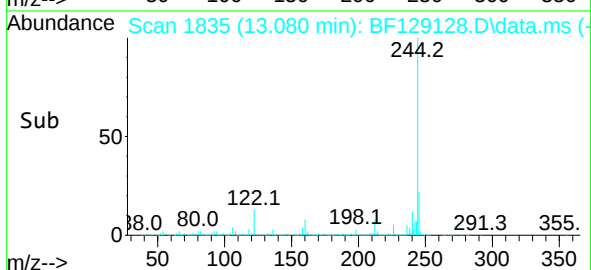
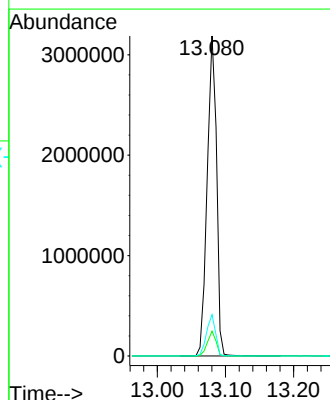
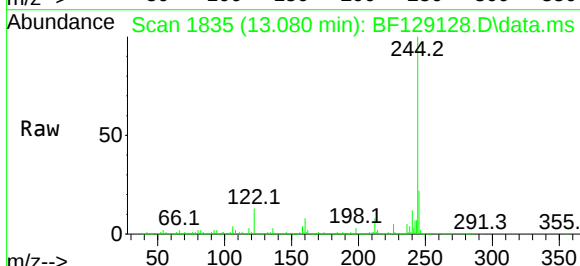
Tgt Ion:244 Resp: 3050524

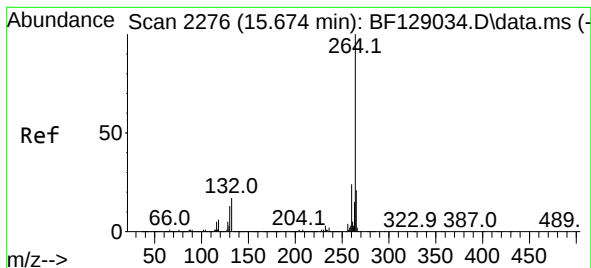
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 12.9 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: BF129128.D

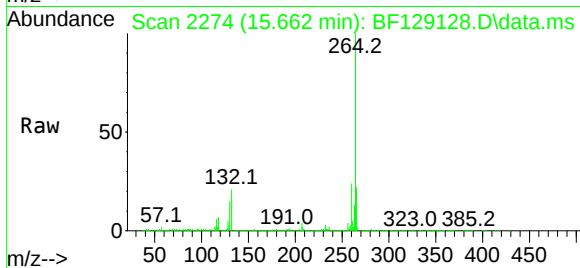
Acq: 05 Jul 2022 17:28

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 752466

Ion Ratio Lower Upper

264 100

260 23.8 18.4 27.6

265 21.6 17.2 25.8

