

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139612.D
 Acq On : 02 Oct 2024 17:49
 Operator : RC/JU
 Sample : P4232-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-R

Quant Time: Oct 03 01:41:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

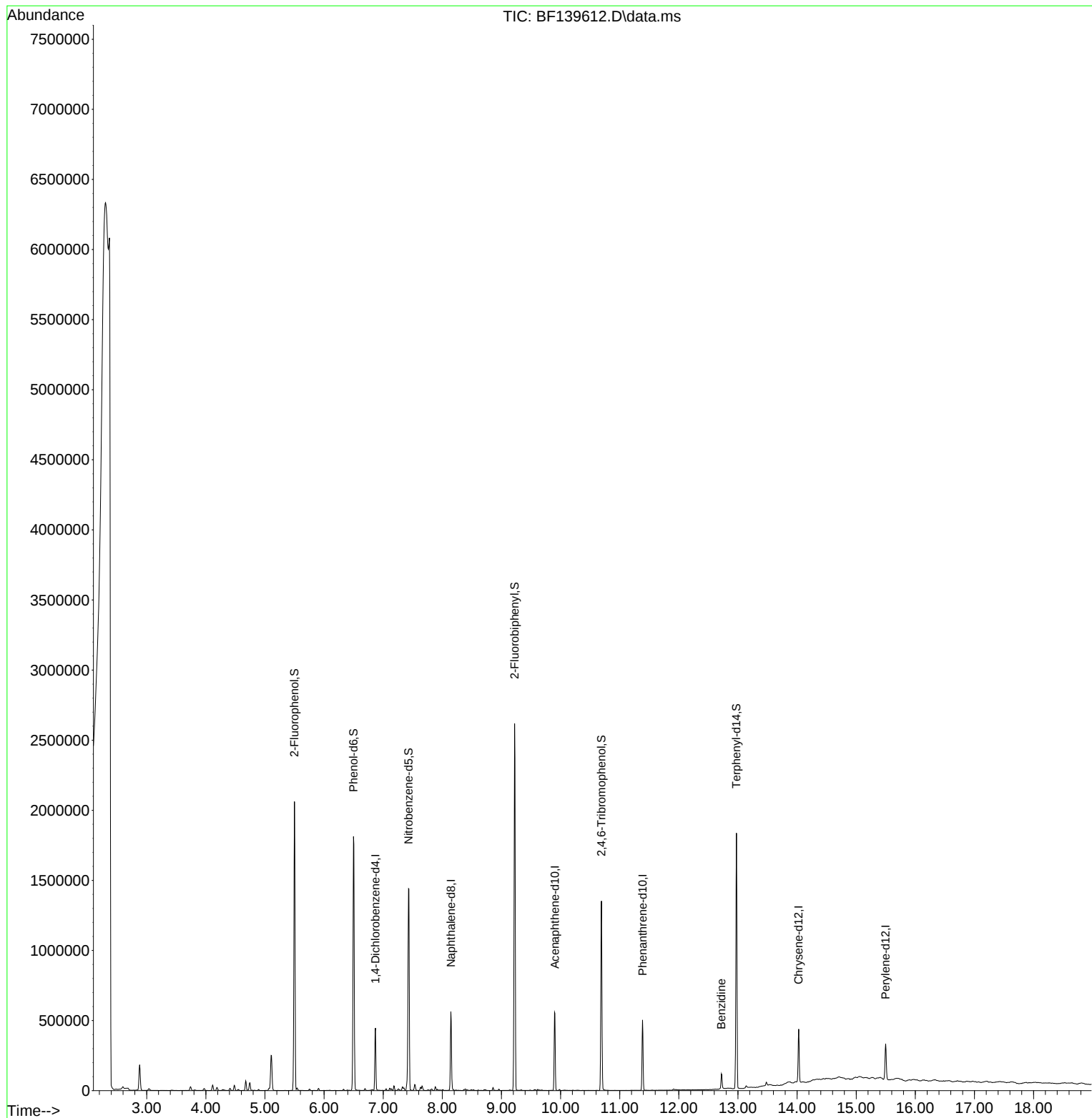
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	89042	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	326063	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	164800	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	256701	20.000	ng	0.00
76) Chrysene-d12	14.027	240	169615	20.000	ng	0.00
86) Perylene-d12	15.498	264	147569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	700601	136.375	ng	0.01
7) Phenol-d6	6.498	99	836240	121.044	ng	0.00
23) Nitrobenzene-d5	7.428	82	660234	102.520	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	206988	130.109	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1128558	105.130	ng	0.00
79) Terphenyl-d14	12.974	244	858892	83.088	ng	0.00
Target Compounds						
77) Benzidine	12.722	184	58584	19.581	ng	Qvalue 98

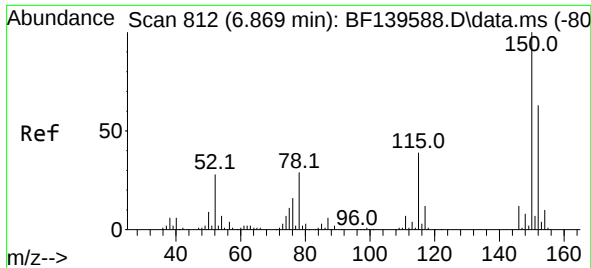
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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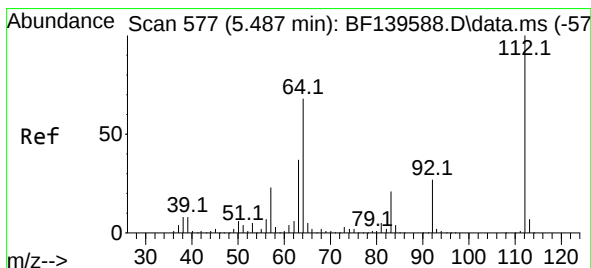
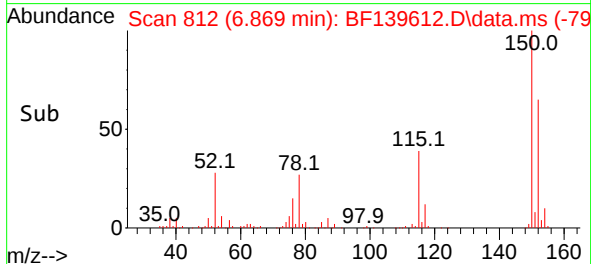
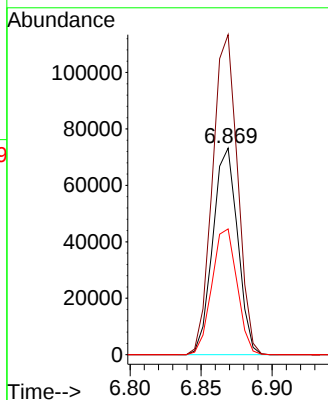
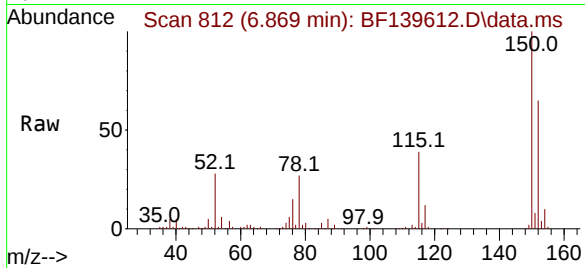




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

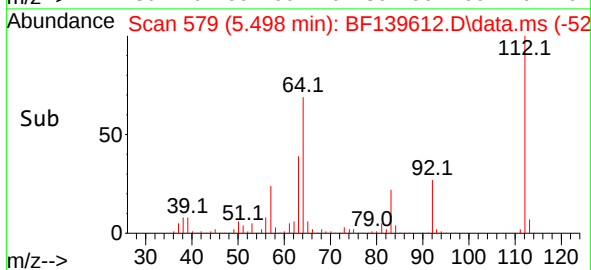
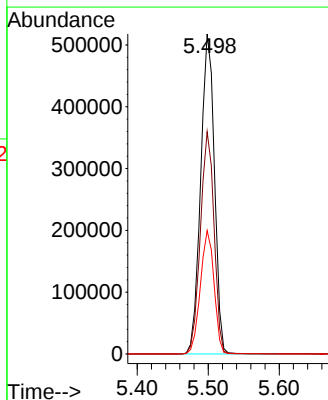
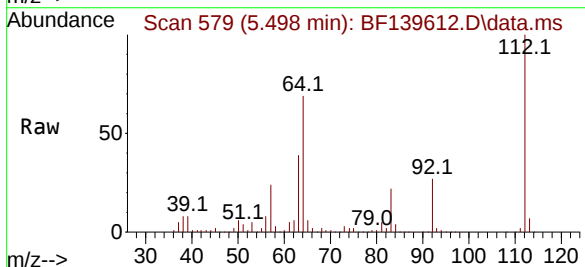
Instrument :
BNA_F
ClientSampleId :
TP-R

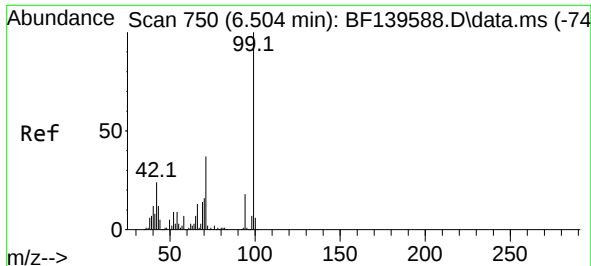
Tgt Ion:152 Resp: 89042
Ion Ratio Lower Upper
152 100
150 154.9 127.2 190.8
115 60.9 49.0 73.4



#5
2-Fluorophenol
Concen: 136.375 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

Tgt Ion:112 Resp: 700601
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.6 29.4 44.2

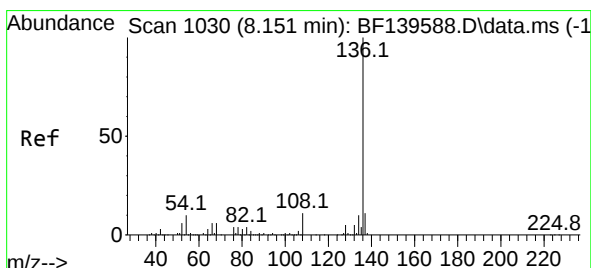
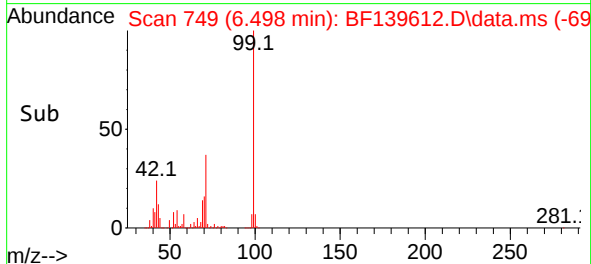
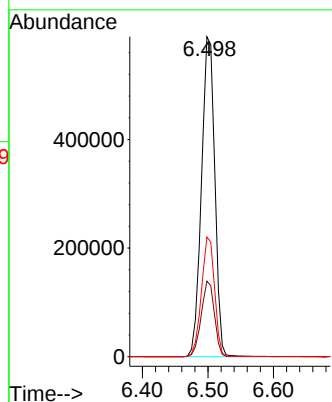
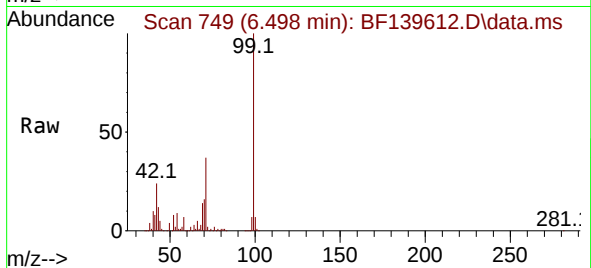




#7
Phenol-d6
Concen: 121.044 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

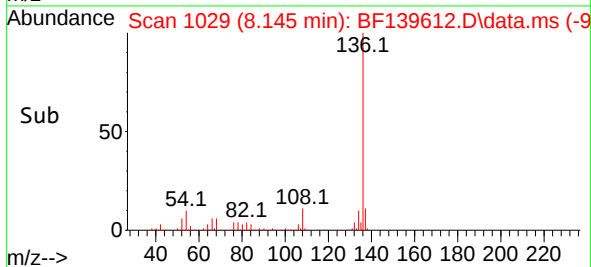
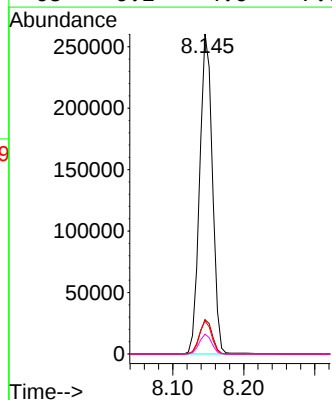
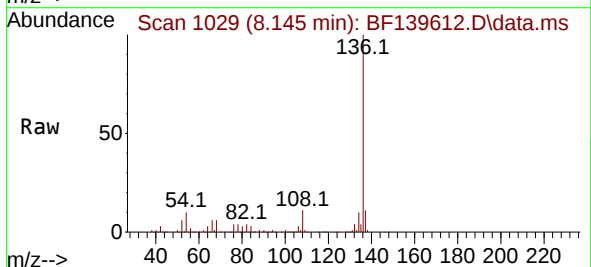
Instrument :
BNA_F
ClientSampleId :
TP-R

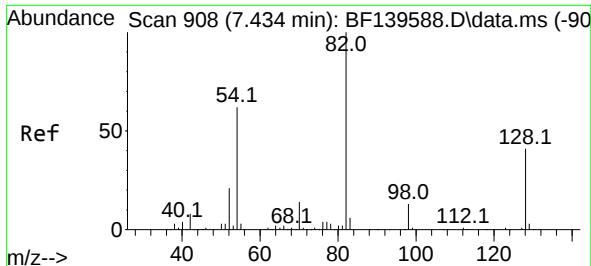
Tgt Ion: 99 Resp: 836240
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

Tgt Ion: 136 Resp: 326063
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.3 8.3 12.5
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 102.520 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139612.D

Acq: 02 Oct 2024 17:49

Instrument :

BNA_F

ClientSampleId :

TP-R

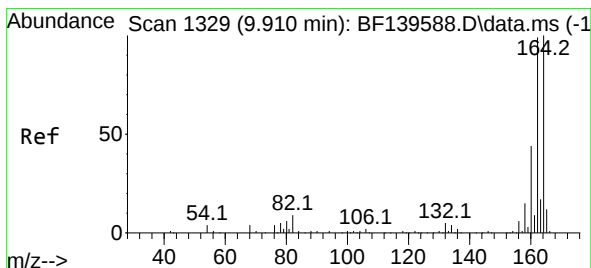
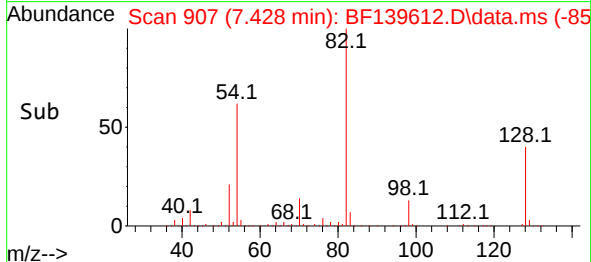
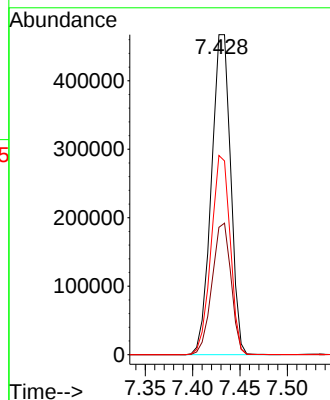
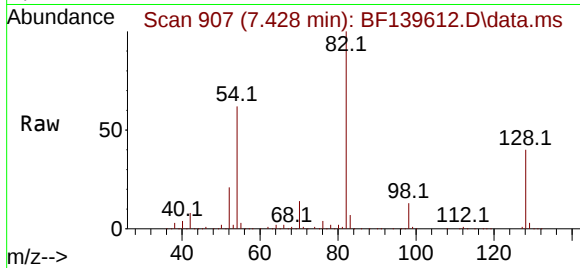
Tgt Ion: 82 Resp: 660234

Ion Ratio Lower Upper

82 100

128 39.8 32.4 48.6

54 62.3 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF139612.D

Acq: 02 Oct 2024 17:49

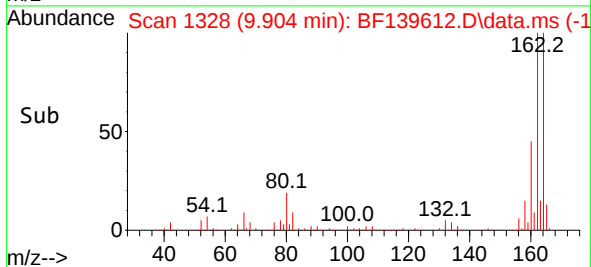
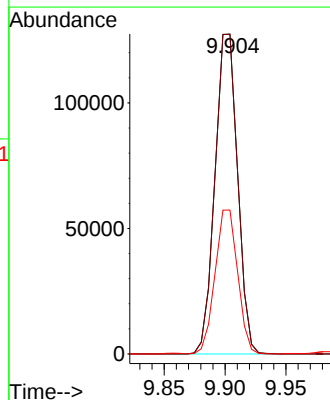
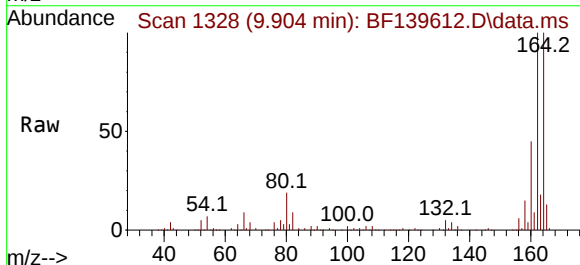
Tgt Ion:164 Resp: 164800

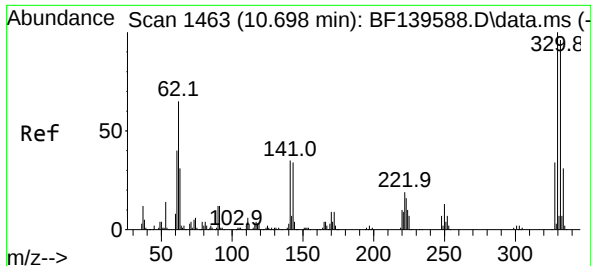
Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 130.109 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139612.D

Acq: 02 Oct 2024 17:49

Instrument :

BNA_F

ClientSampleId :

TP-R

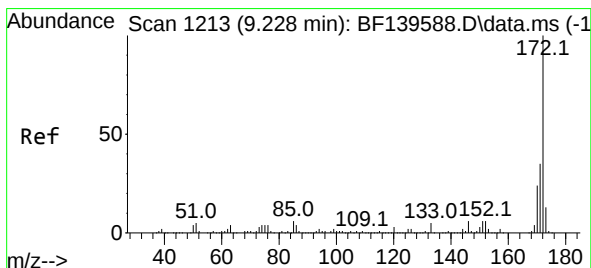
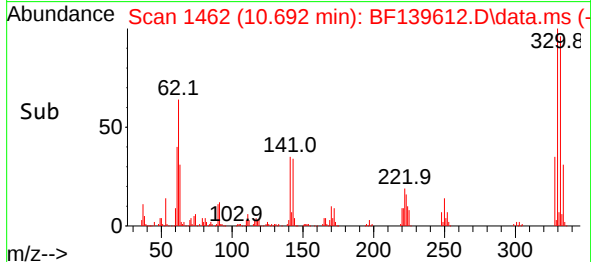
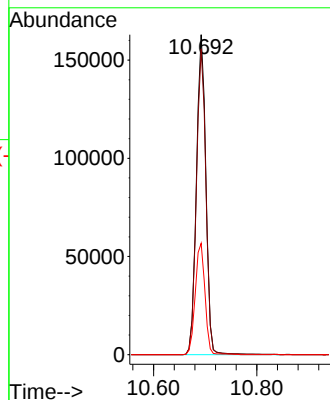
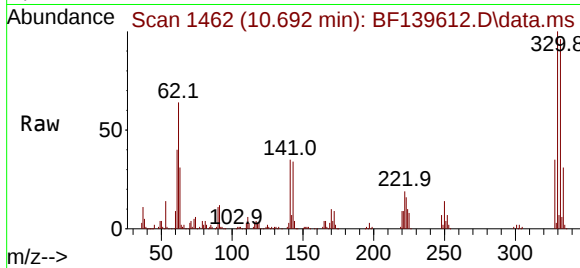
Tgt Ion:330 Resp: 206988

Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

141 35.8 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 105.130 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139612.D

Acq: 02 Oct 2024 17:49

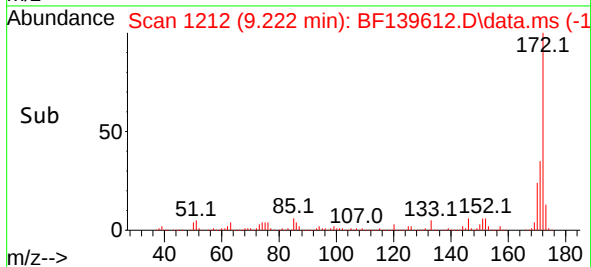
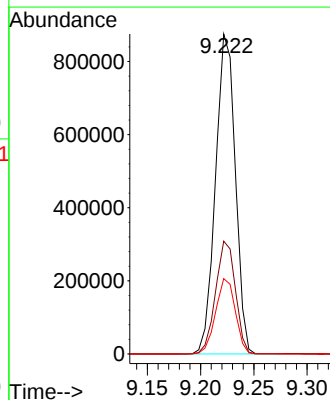
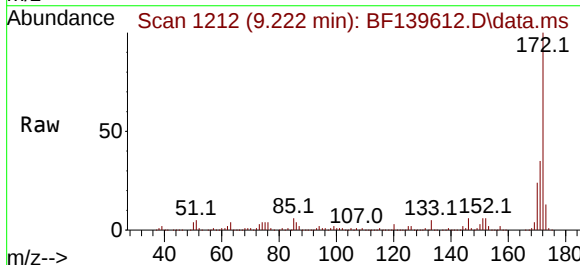
Tgt Ion:172 Resp: 1128558

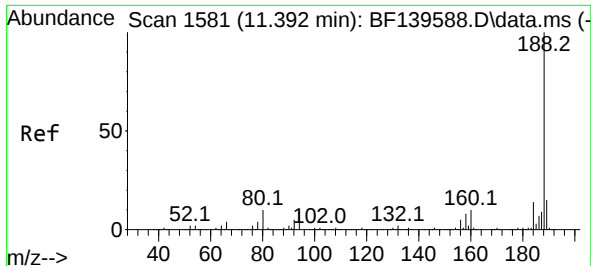
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.5 18.8 28.2

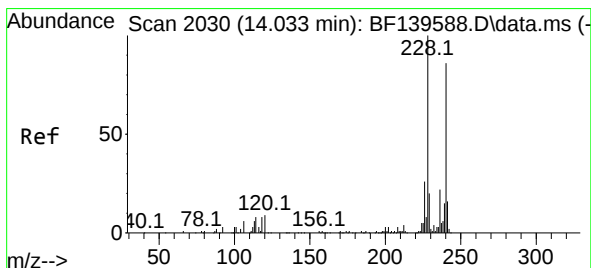
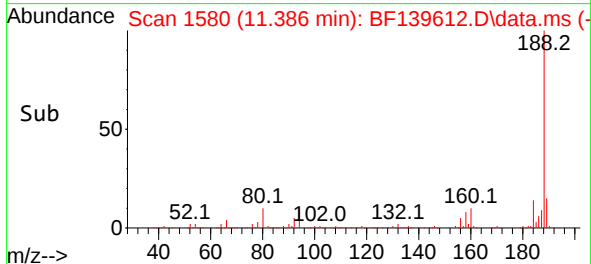
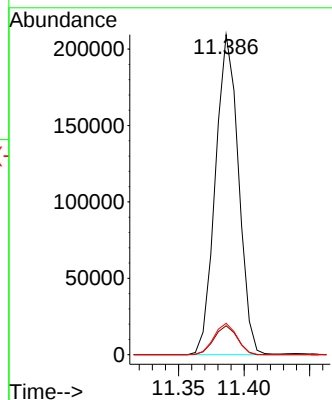
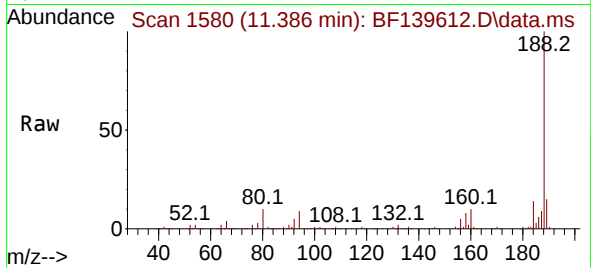




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

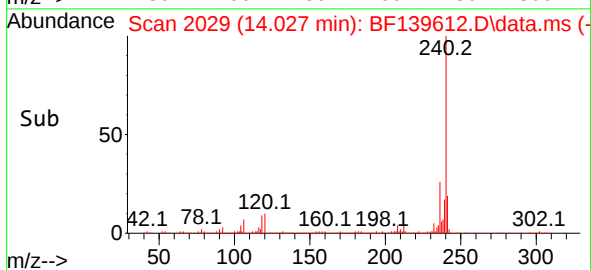
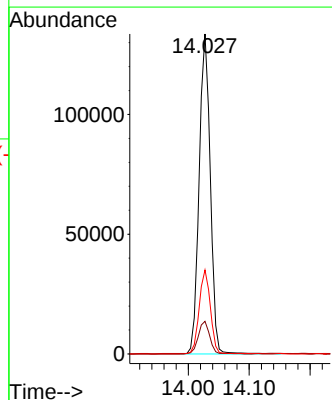
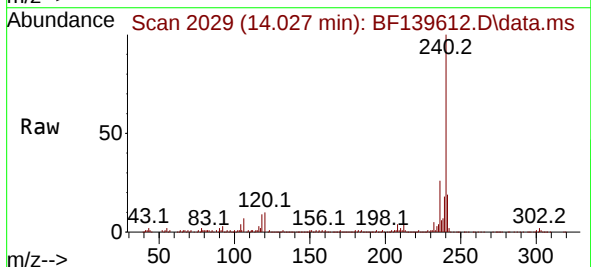
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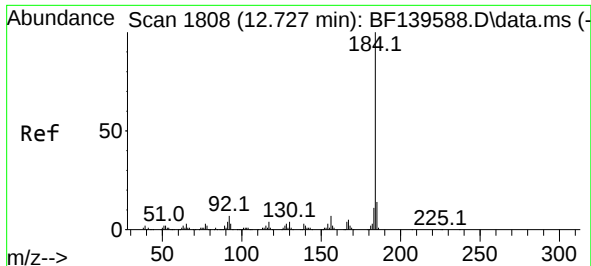
Tgt Ion:188 Resp: 256701
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

Tgt Ion:240 Resp: 169615
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.2 20.3 30.5

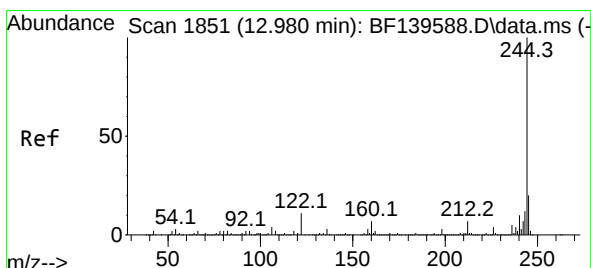
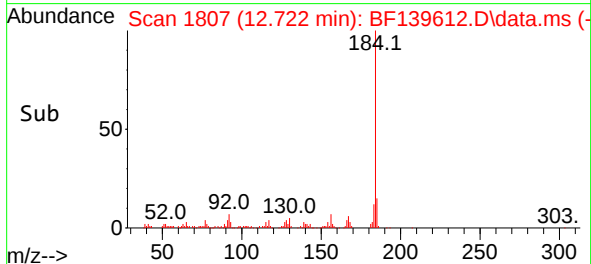
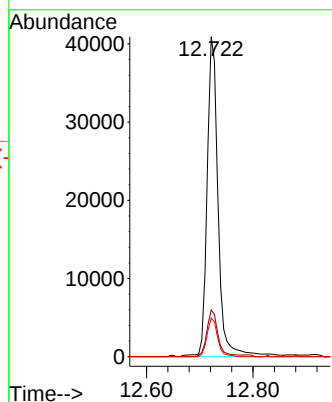
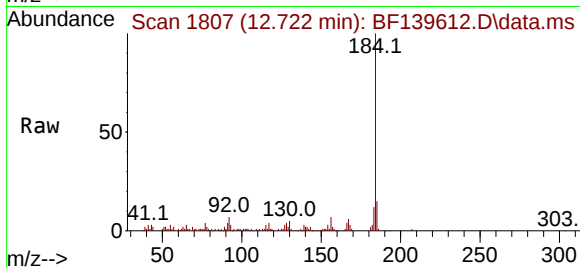




#77
Benzidine
Concen: 19.581 ng
RT: 12.722 min Scan# 1807
Delta R.T. -0.006 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

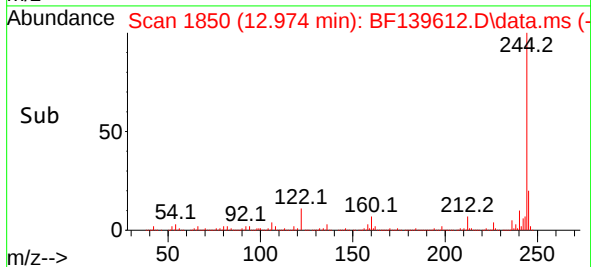
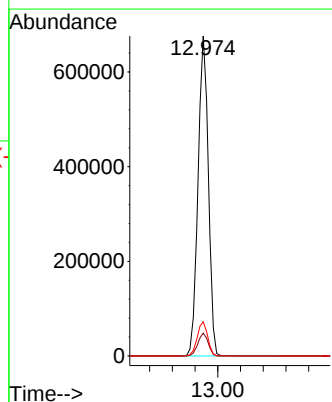
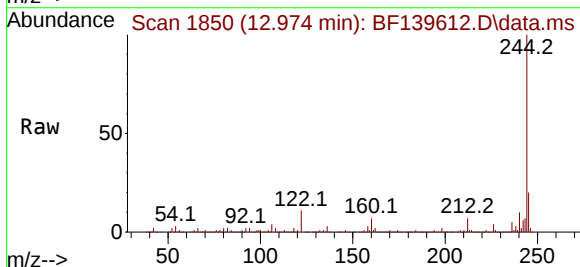
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BNA_F
ClientSampleId :
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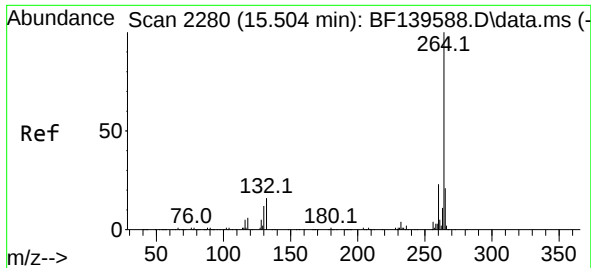
Tgt Ion:184 Resp: 58584
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 12.1 8.8 13.2



#79
Terphenyl-d14
Concen: 83.088 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139612.D
Acq: 02 Oct 2024 17:49

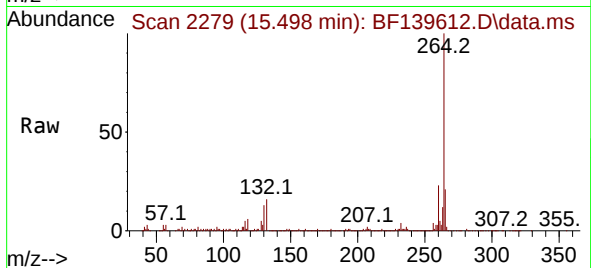
Tgt Ion:244 Resp: 858892
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 10.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139612.D
 Acq: 02 Oct 2024 17:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-R



Tgt Ion:264 Resp: 147569
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.7 28.1
 265 21.3 16.9 25.3

