

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139609.D
 Acq On : 02 Oct 2024 16:25
 Operator : RC/JU
 Sample : P4222-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 02 16:56:43 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)

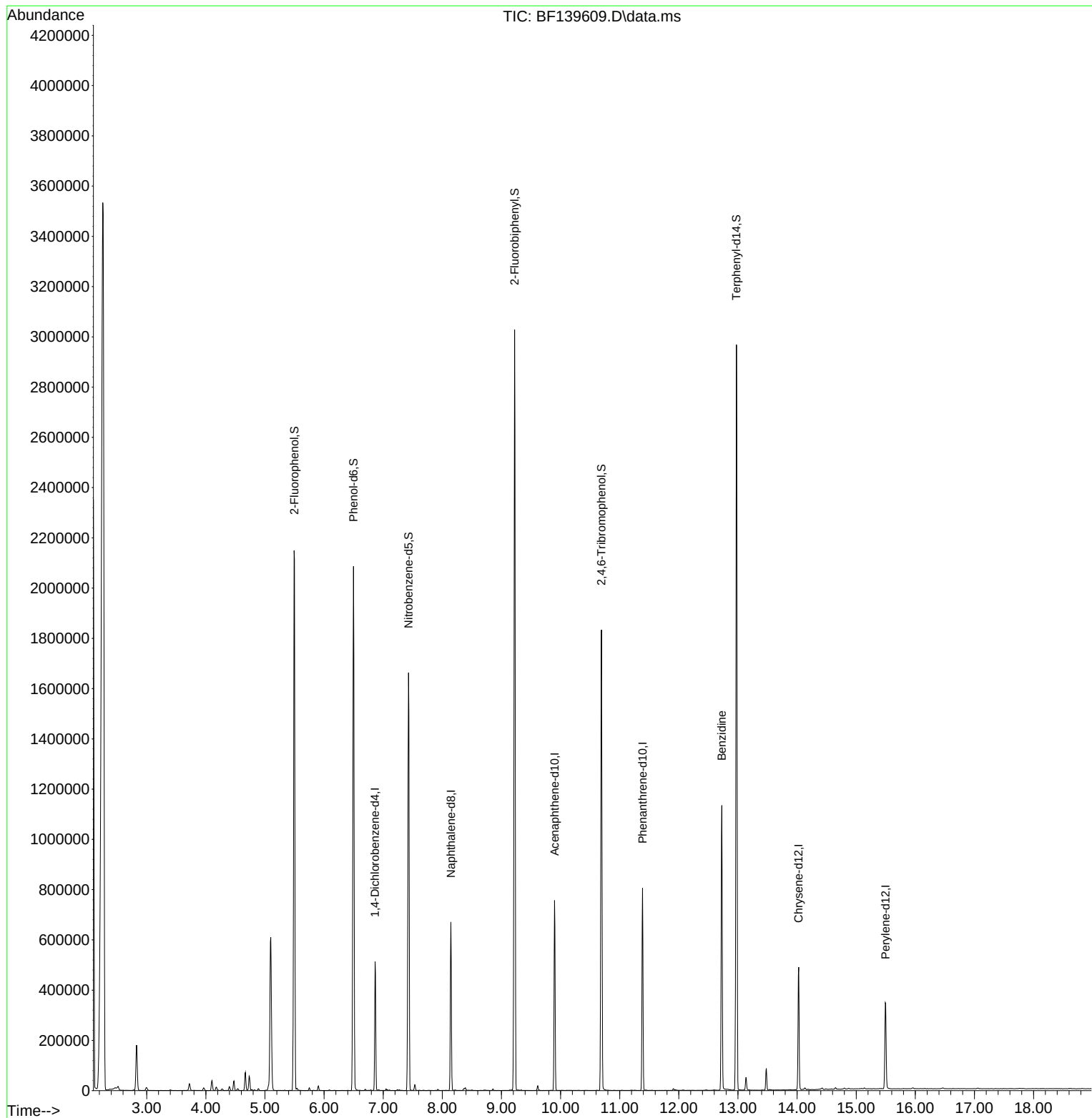
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	101112	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	394179	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	218030	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	410414	20.000	ng	0.00
76) Chrysene-d12	14.027	240	231616	20.000	ng	0.00
86) Perylene-d12	15.498	264	202388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	787712	135.028	ng	0.01
7) Phenol-d6	6.498	99	976782	124.509	ng	0.00
23) Nitrobenzene-d5	7.428	82	766018	98.391	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	293816	139.598	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1332886	93.851	ng	0.00
79) Terphenyl-d14	12.974	244	1472818	104.338	ng	0.00
Target Compounds						
77) Benzidine	12.727	184	602050	147.365	ng	Qvalue 100

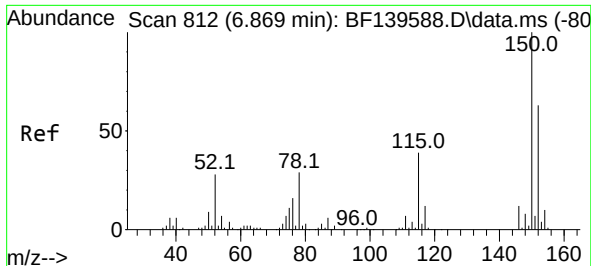
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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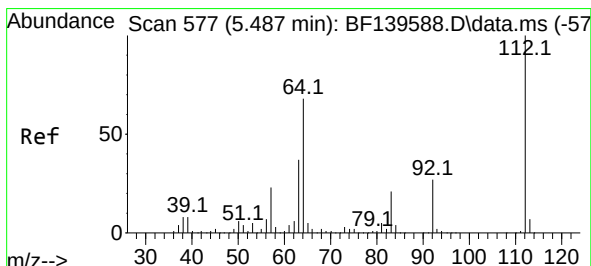
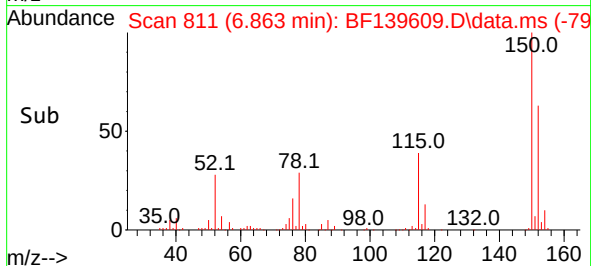
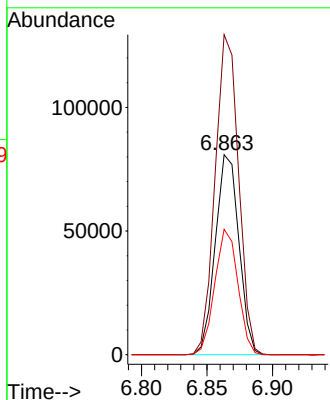
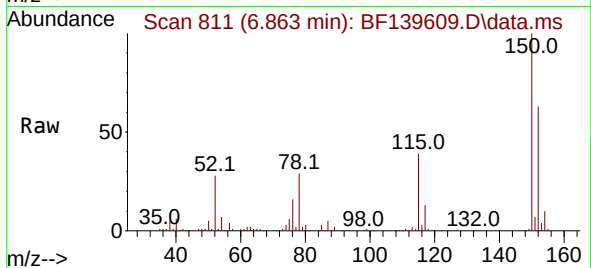




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

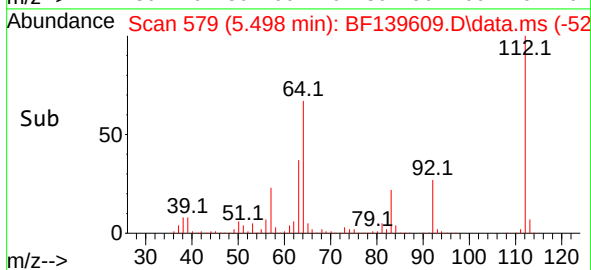
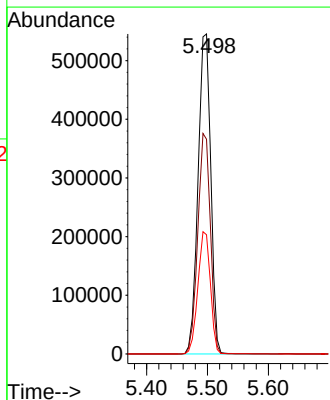
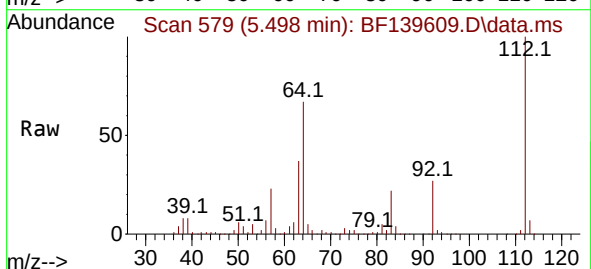
Instrument :
BNA_F
ClientSampleId :
TP-5

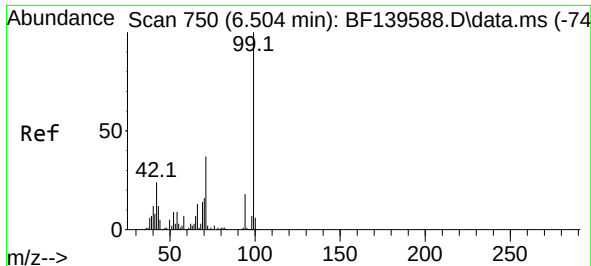
Tgt Ion:152 Resp: 101112
Ion Ratio Lower Upper
152 100
150 159.9 127.2 190.8
115 62.7 49.0 73.4



#5
2-Fluorophenol
Concen: 135.028 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

Tgt Ion:112 Resp: 787712
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 37.3 29.4 44.2



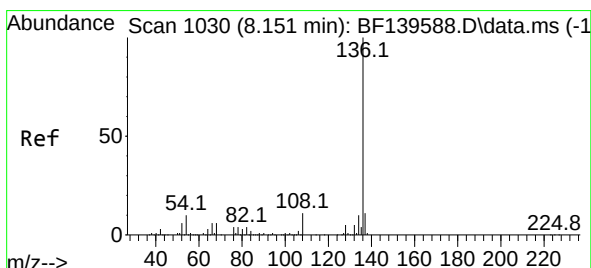
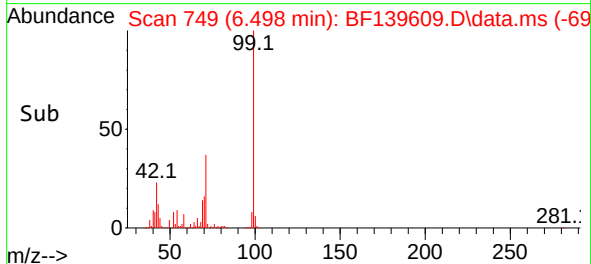
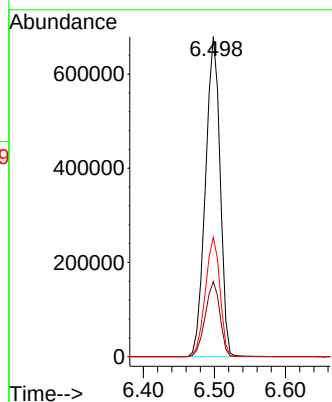
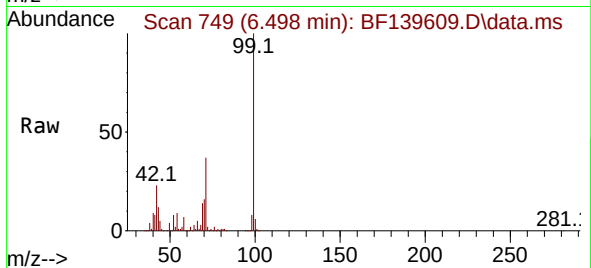


#7
Phenol-d6
Concen: 124.509 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 976782

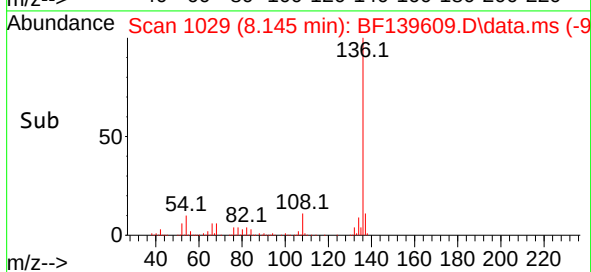
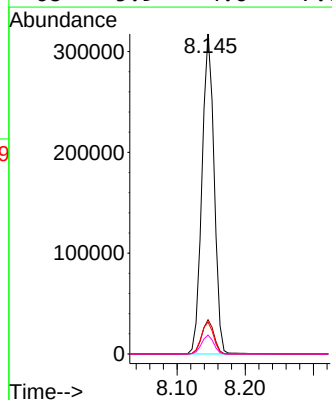
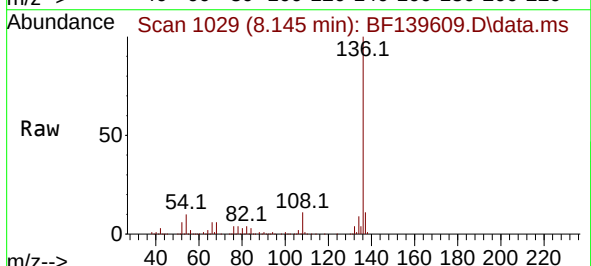
Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.1	28.7
71	37.4	29.7	44.5

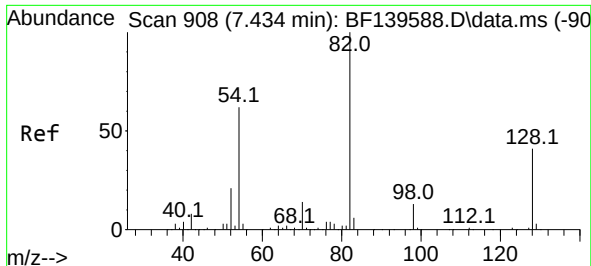


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

Tgt Ion: 136 Resp: 394179

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.9	8.3	12.5
68	5.9	4.6	7.0





#23

Nitrobenzene-d5

Concen: 98.391 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139609.D

Acq: 02 Oct 2024 16:25

Instrument :

BNA_F

ClientSampleId :

TP-5

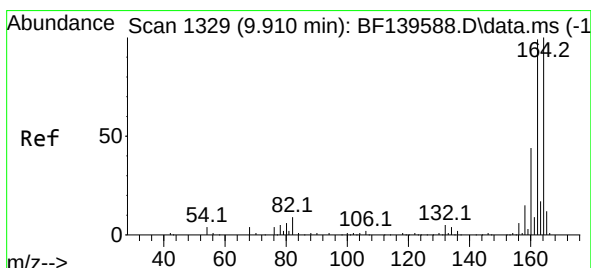
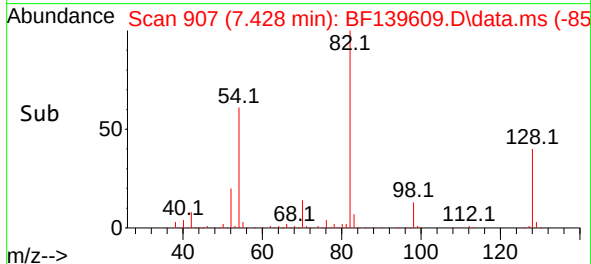
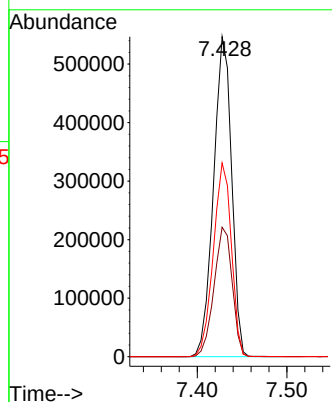
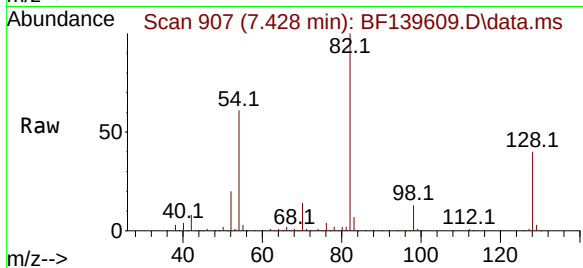
Tgt Ion: 82 Resp: 766018

Ion Ratio Lower Upper

82 100

128 40.5 32.4 48.6

54 60.6 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139609.D

Acq: 02 Oct 2024 16:25

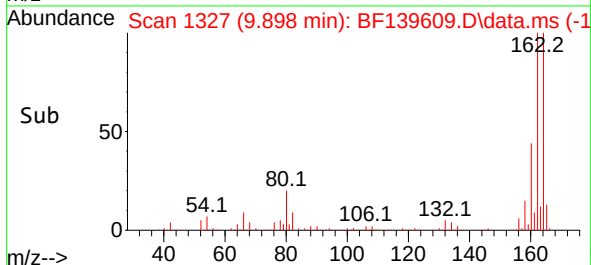
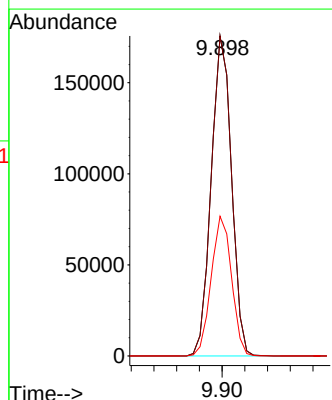
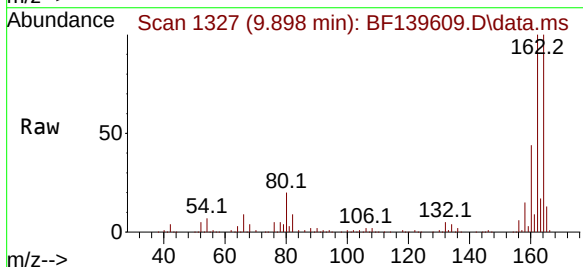
Tgt Ion:164 Resp: 218030

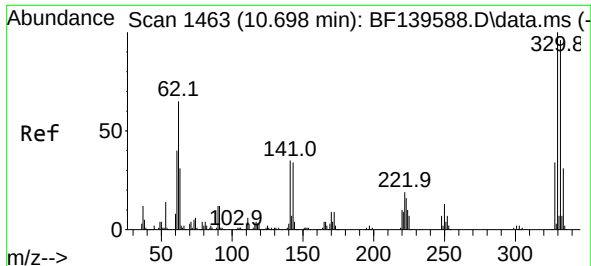
Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

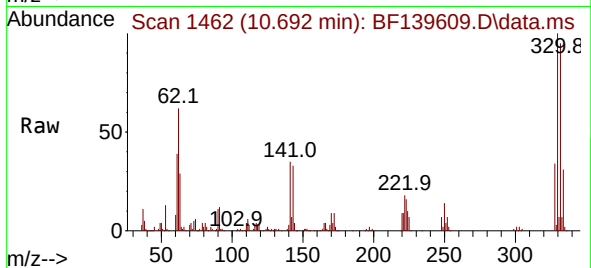
160 43.6 35.1 52.7



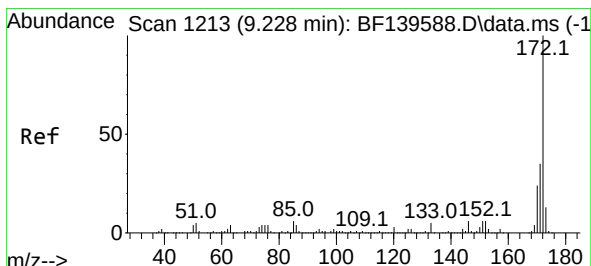
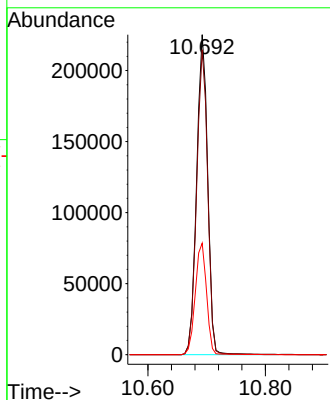
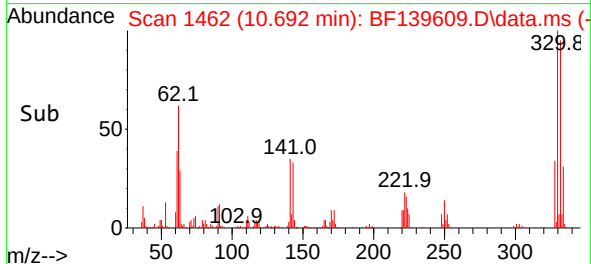


#42
2,4,6-Tribromophenol
Concen: 139.598 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

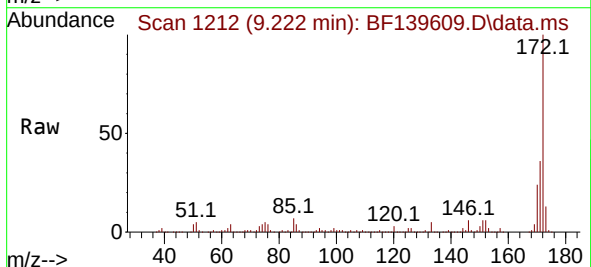
Instrument :
BNA_F
ClientSampleId :
TP-5



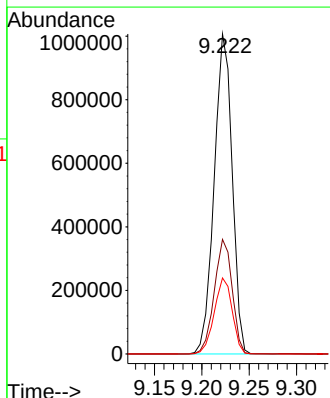
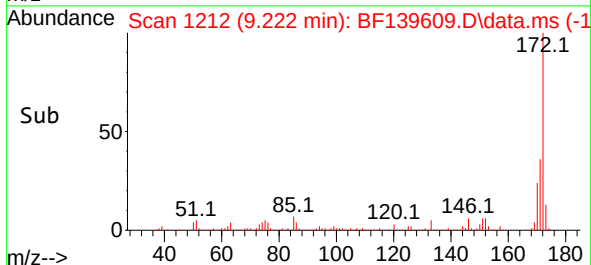
Tgt Ion:330 Resp: 293816
Ion Ratio Lower Upper
330 100
332 95.4 76.5 114.7
141 35.5 29.3 43.9

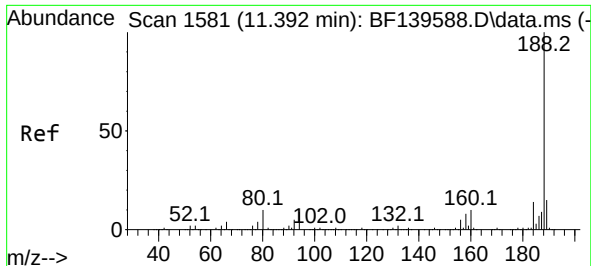


#45
2-Fluorobiphenyl
Concen: 93.851 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25



Tgt Ion:172 Resp: 1332886
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.4
170 23.7 18.8 28.2

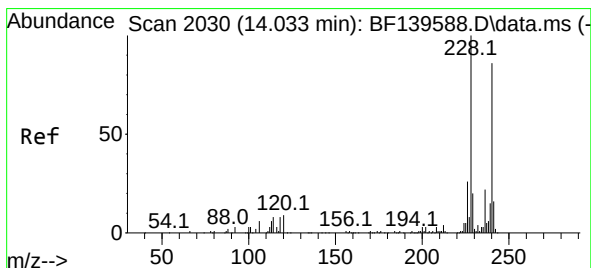
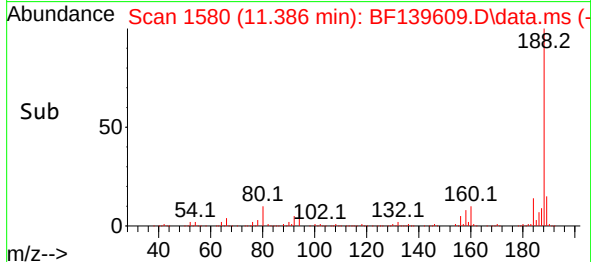
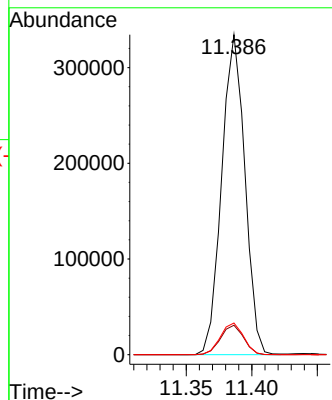
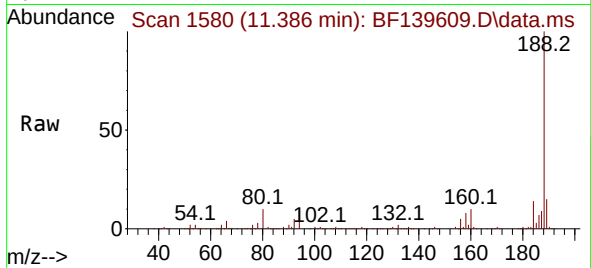




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

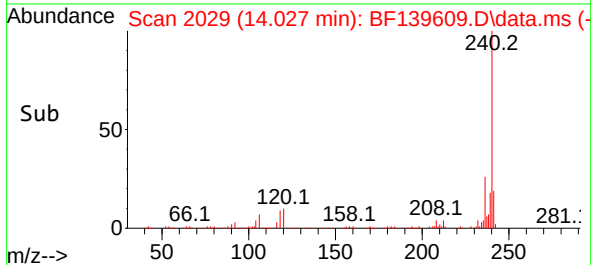
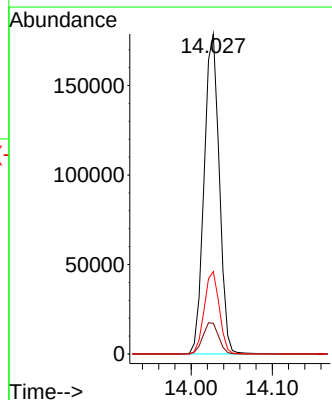
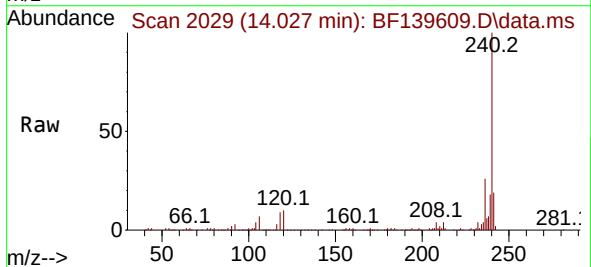
Instrument :
BNA_F
ClientSampleId :
TP-5

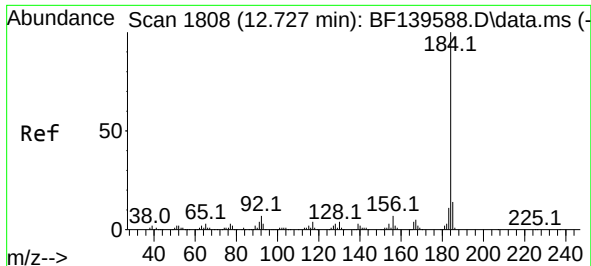
Tgt Ion:188 Resp: 410414
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

Tgt Ion:240 Resp: 231616
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.8 20.3 30.5

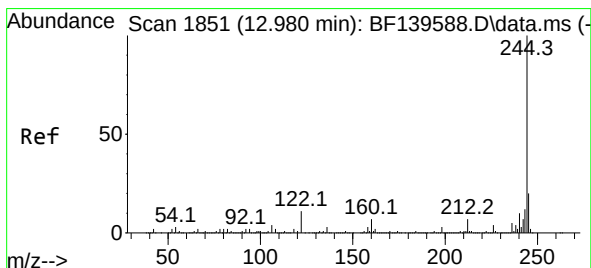
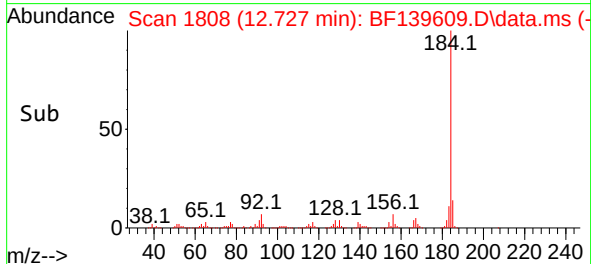
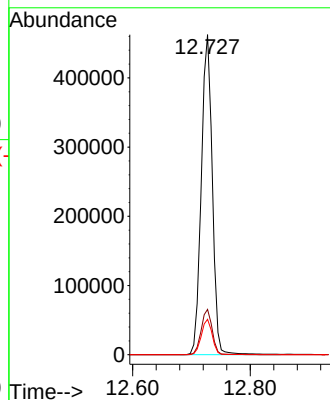
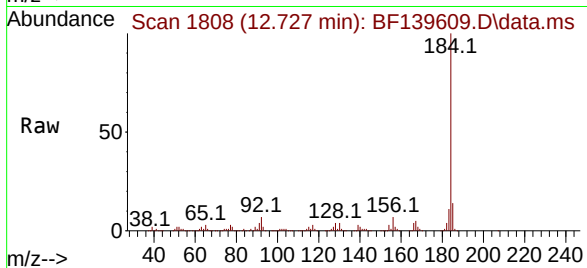




#77
Benzidine
Concen: 147.365 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

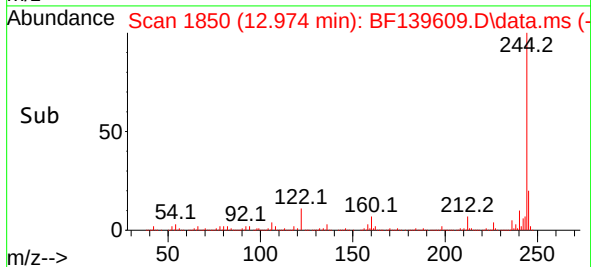
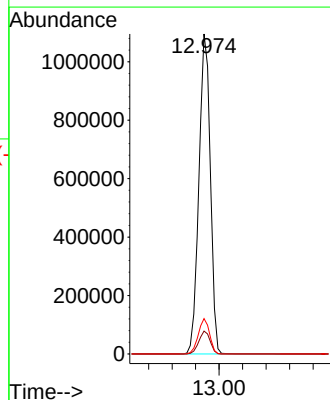
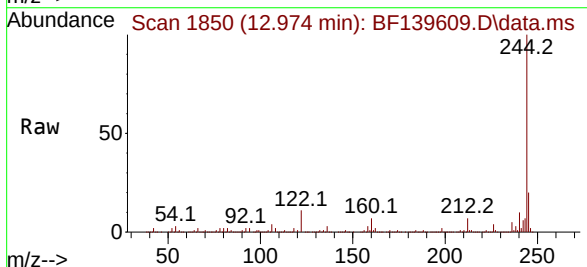
Instrument :
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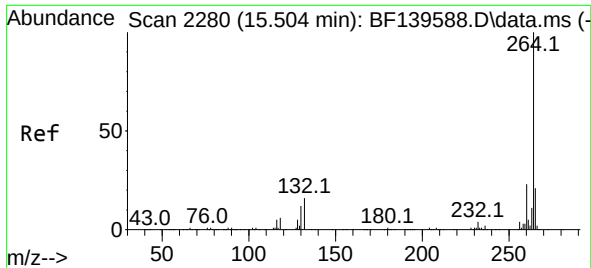
Tgt Ion:184 Resp: 602050
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.0 8.8 13.2



#79
Terphenyl-d14
Concen: 104.338 ng
RT: 12.974 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF139609.D
Acq: 02 Oct 2024 16:25

Tgt Ion:244 Resp: 1472818
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 11.0 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: BF139609.D
Acq: 02 Oct 2024 16:25

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 202388
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 21.3 16.9 25.3

