

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139640.D
Acq On : 03 Oct 2024 19:22
Operator : RC/JU
Sample : P4236-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3

Quant Time: Oct 04 01:16:36 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	78117	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	300851	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	162259	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	298705	20.000	ng	0.00
76) Chrysene-d12	14.021	240	174564	20.000	ng	-0.01
86) Perylene-d12	15.492	264	181624	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	444355	98.593	ng	0.00
7) Phenol-d6	6.492	99	585728	96.640	ng	-0.01
23) Nitrobenzene-d5	7.428	82	381329	64.174	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	141764	90.506	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	707936	66.980	ng	0.00
79) Terphenyl-d14	12.968	244	696807	65.497	ng	-0.01

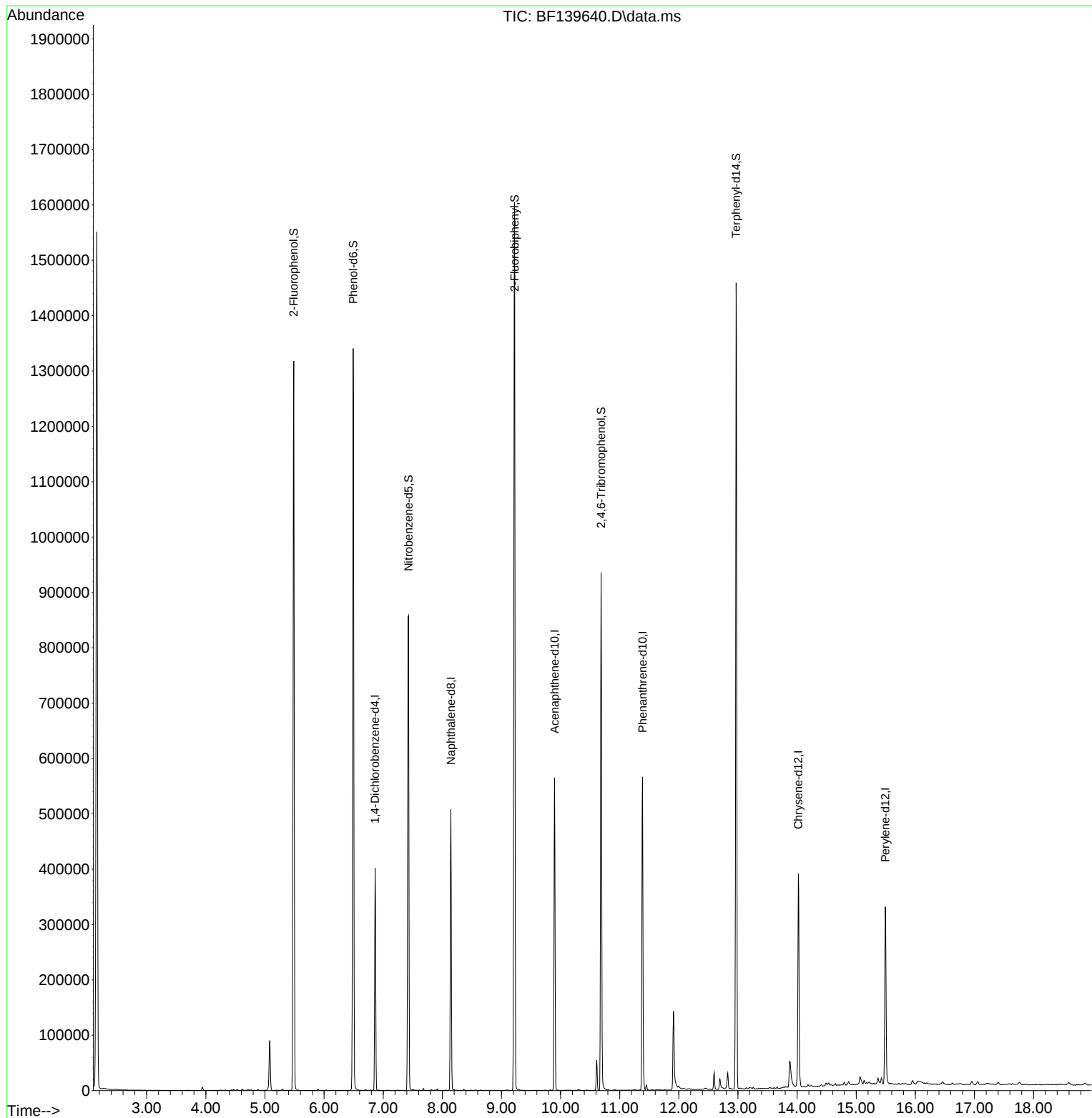
Target Compounds	Qvalue

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

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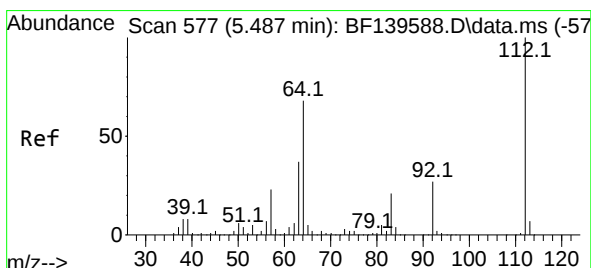
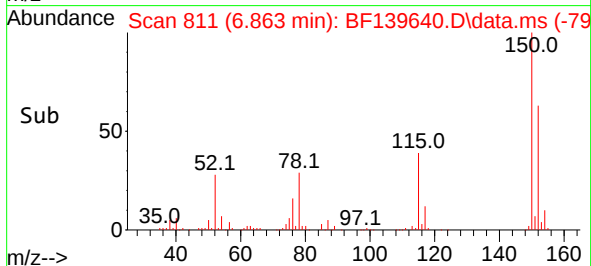
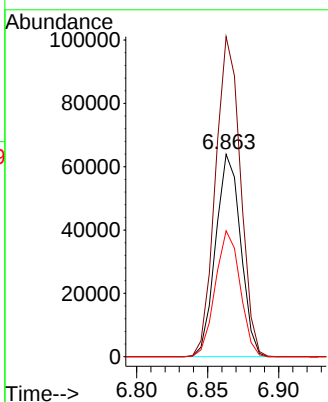
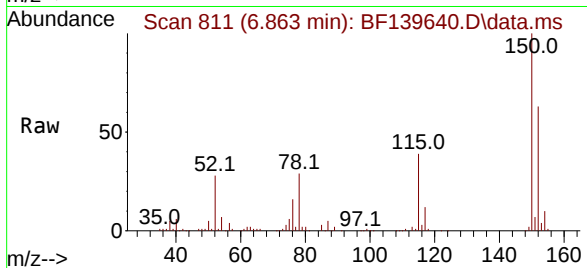




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

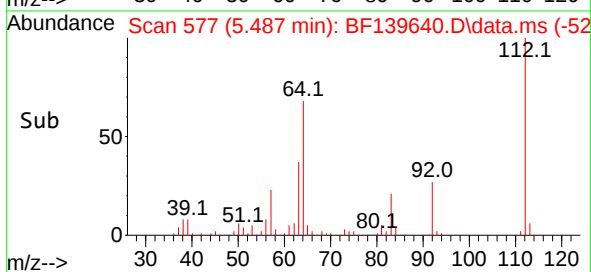
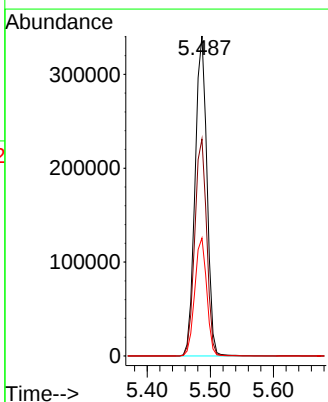
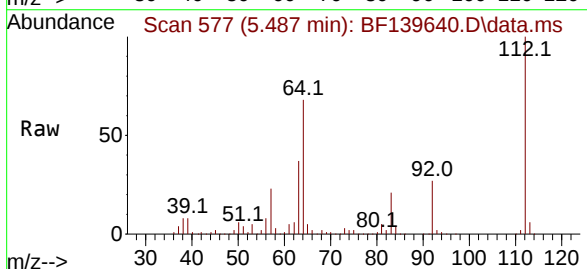
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion:152 Resp: 78117
Ion Ratio Lower Upper
152 100
150 158.1 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 98.593 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion:112 Resp: 444355
Ion Ratio Lower Upper
112 100
64 67.8 54.2 81.4
63 36.9 29.4 44.2

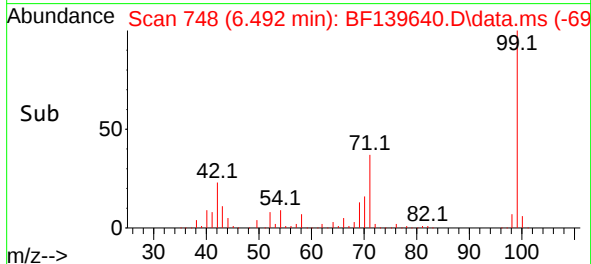
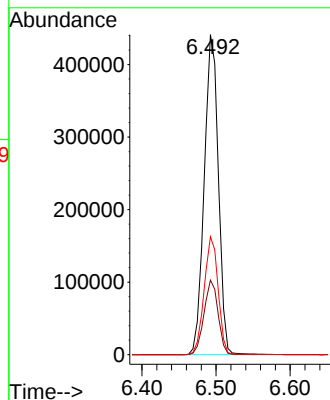
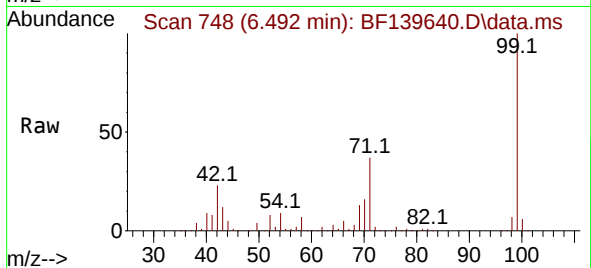




#7
Phenol-d6
Concen: 96.640 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

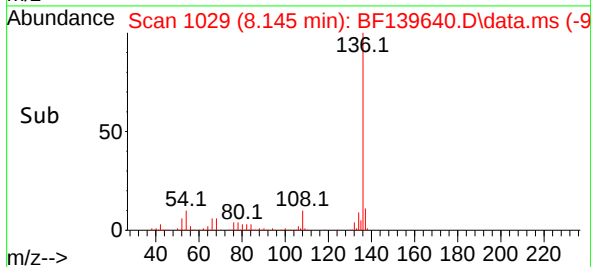
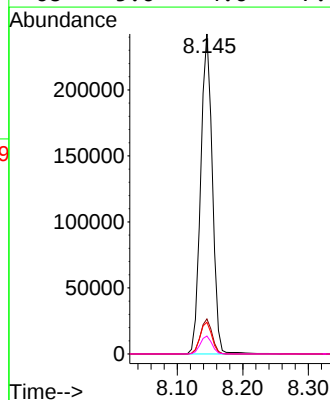
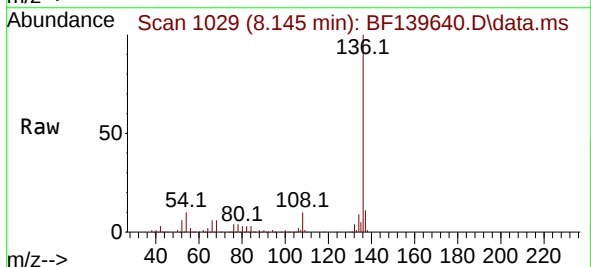
Instrument :
BNA_F
ClientSampleId :
TP3

Tgt Ion: 99 Resp: 585728
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 36.9 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: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion: 136 Resp: 300851
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.9 8.3 12.5
68 5.6 4.6 7.0

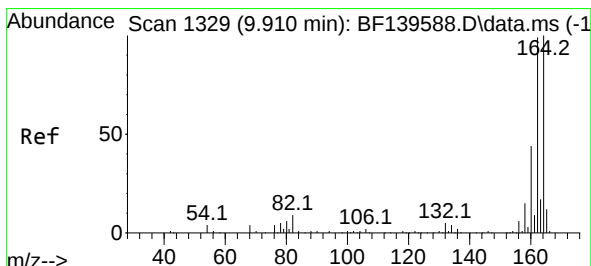
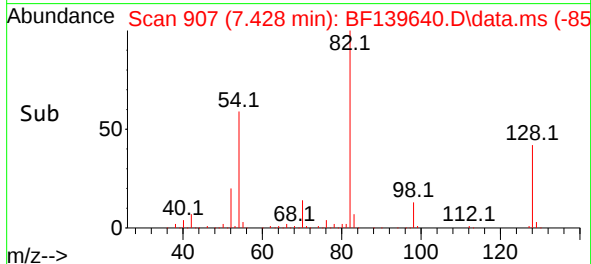
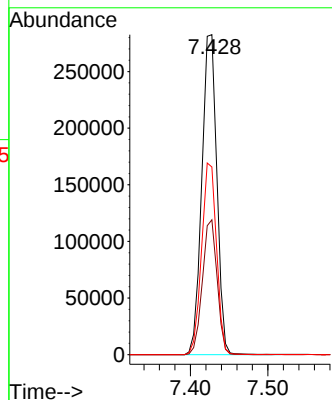
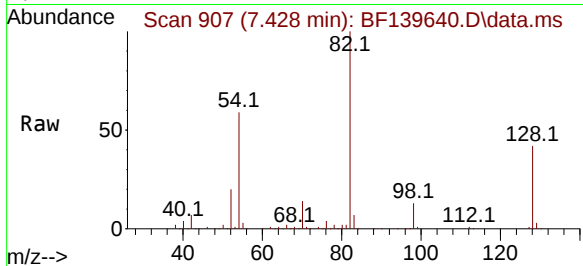




#23
 Nitrobenzene-d5
 Concen: 64.174 ng
 RT: 7.428 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: BF139640.D
 Acq: 03 Oct 2024 19:22

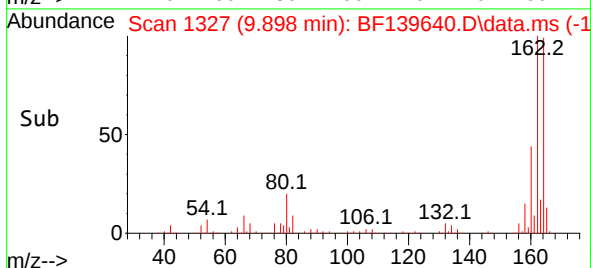
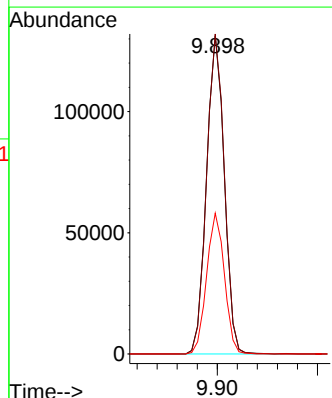
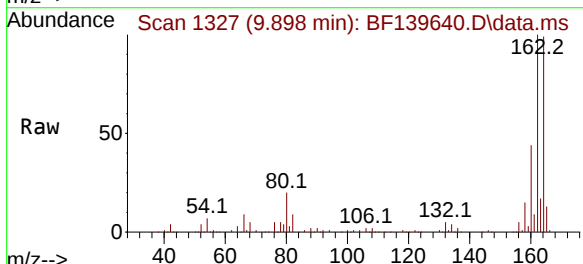
Instrument :
 BNA_F
 ClientSampleId :
 TP3

Tgt Ion: 82 Resp: 381329
 Ion Ratio Lower Upper
 82 100
 128 42.1 32.4 48.6
 54 58.7 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: BF139640.D
 Acq: 03 Oct 2024 19:22

Tgt Ion:164 Resp: 162259
 Ion Ratio Lower Upper
 164 100
 162 100.5 79.4 119.0
 160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 90.506 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139640.D

Acq: 03 Oct 2024 19:22

Instrument :

BNA_F

ClientSampleId :

TP3

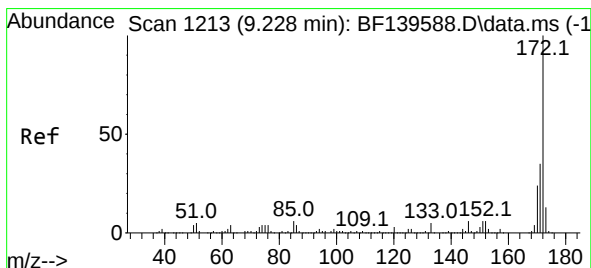
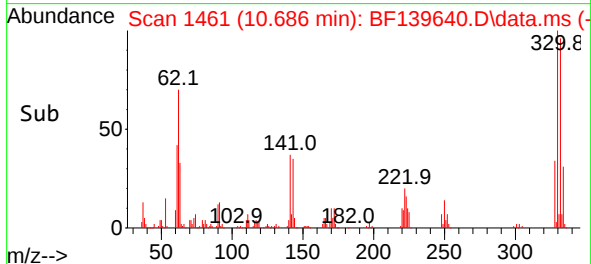
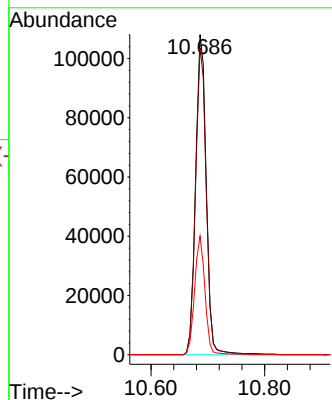
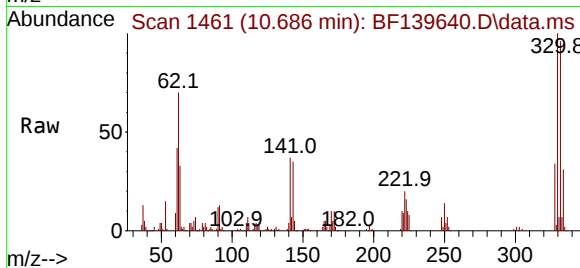
Tgt Ion:330 Resp: 141764

Ion Ratio Lower Upper

330 100

332 95.8 76.5 114.7

141 36.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 66.980 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139640.D

Acq: 03 Oct 2024 19:22

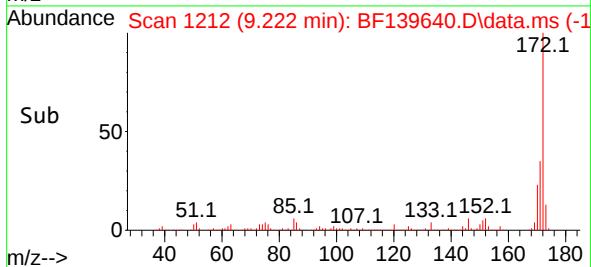
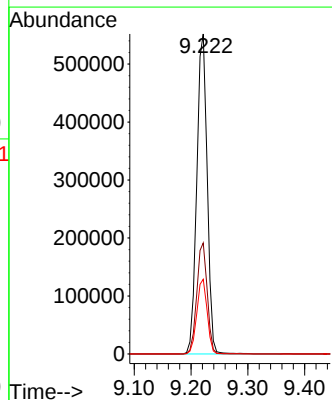
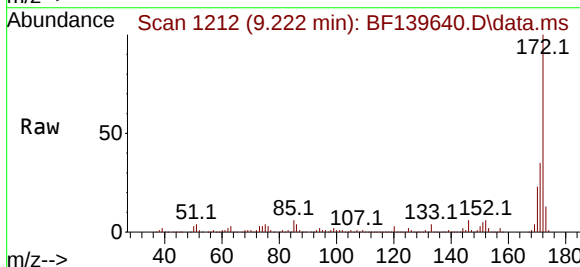
Tgt Ion:172 Resp: 707936

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.4 18.8 28.2

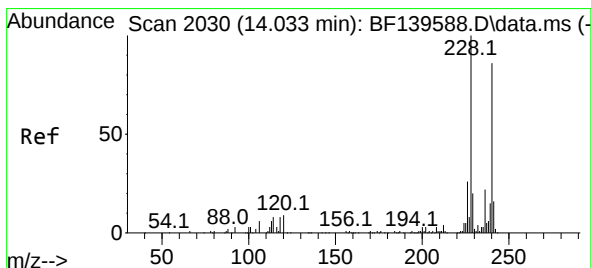
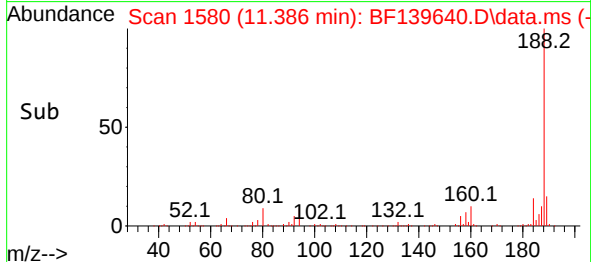
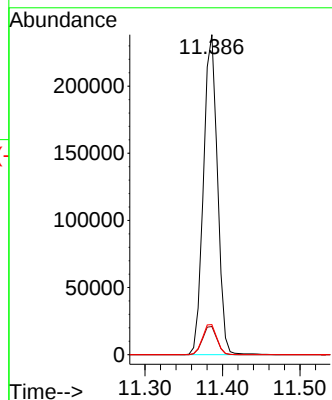
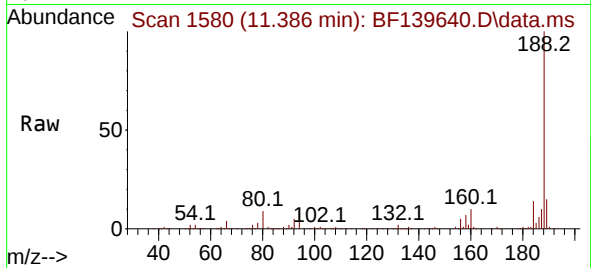




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

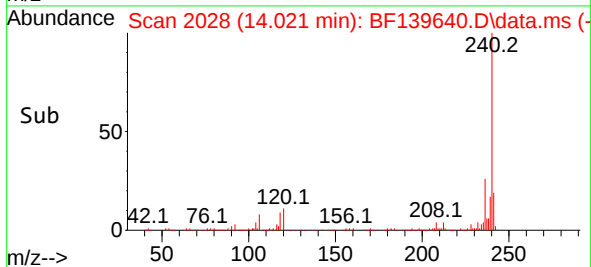
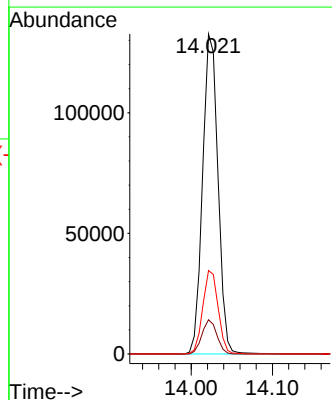
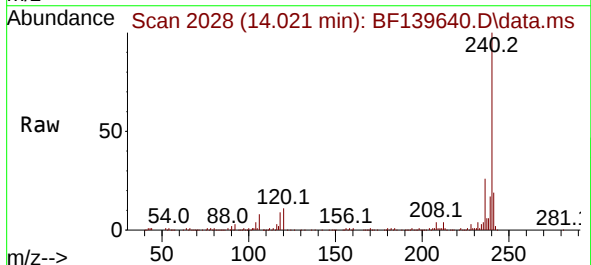
Instrument :
BNA_F
ClientSampleId :
TP3

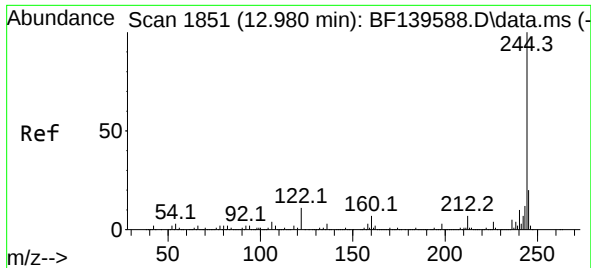
Tgt Ion:188 Resp: 298705
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

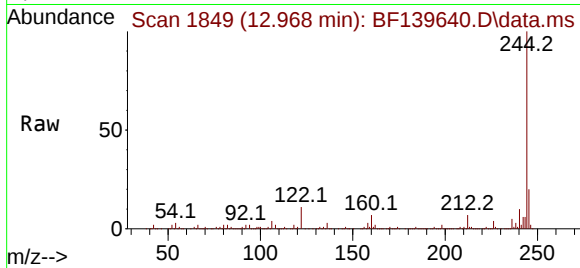
Tgt Ion:240 Resp: 174564
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 26.1 20.3 30.5



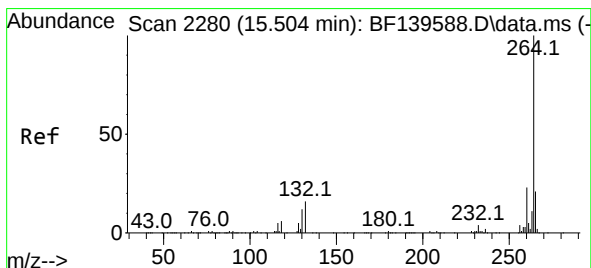
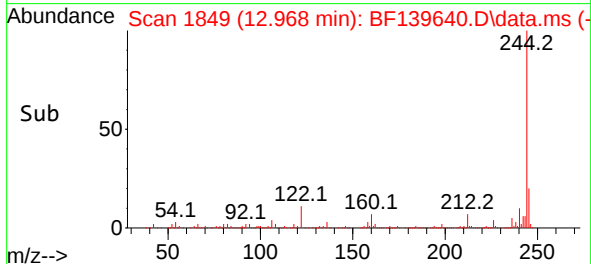
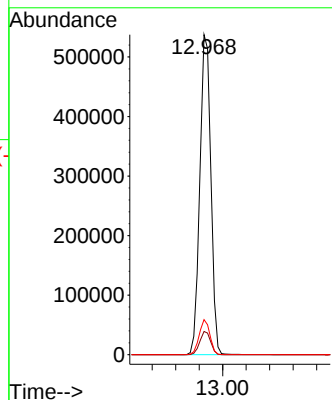


#79
Terphenyl-d14
Concen: 65.497 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Instrument :
BNA_F
ClientSampleId :
TP3



Tgt Ion:244 Resp: 696807
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 10.9 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.012 min
Lab File: BF139640.D
Acq: 03 Oct 2024 19:22

Tgt Ion:264 Resp: 181624
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 16.9 25.3

