

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139628.D
 Acq On : 03 Oct 2024 13:40
 Operator : RC/JU
 Sample : PB163825BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163825BL

Quant Time: Oct 03 14:03:21 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	95700	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	371325	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	213362	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	449339	20.000	ng	0.00
76) Chrysene-d12	14.027	240	290242	20.000	ng	0.00
86) Perylene-d12	15.498	264	229314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	766101	138.750	ng	0.01
7) Phenol-d6	6.498	99	1019115	137.252	ng	0.00
23) Nitrobenzene-d5	7.428	82	666953	90.939	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	294058	142.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1241843	89.353	ng	0.00
79) Terphenyl-d14	12.980	244	1630855	92.197	ng	0.00

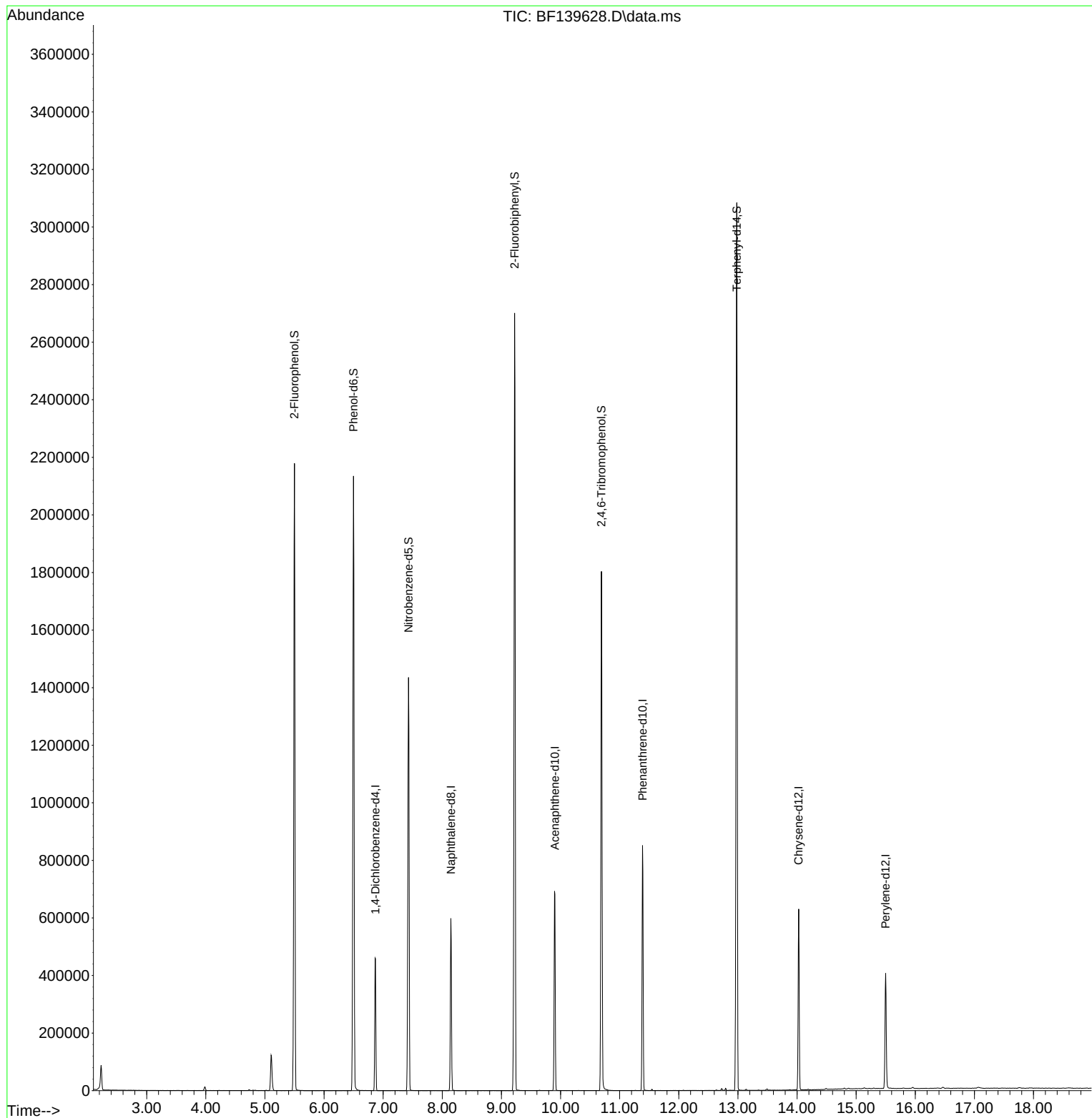
Target Compounds	Qvalue

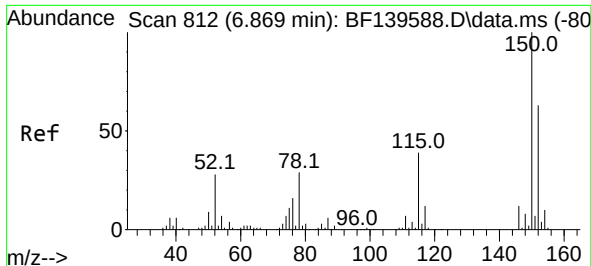
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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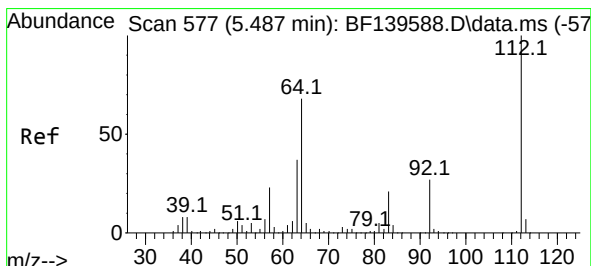
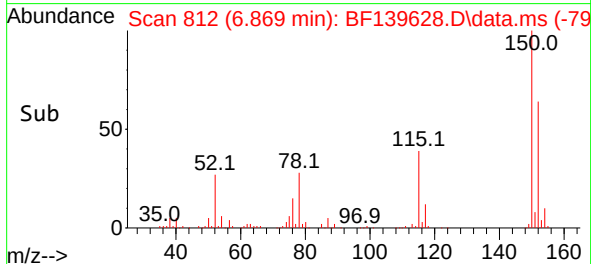
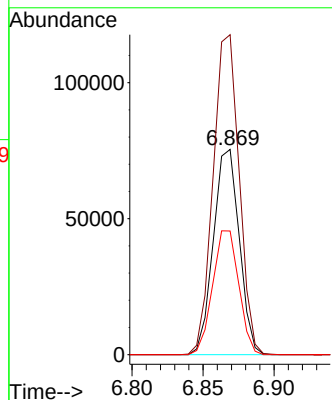
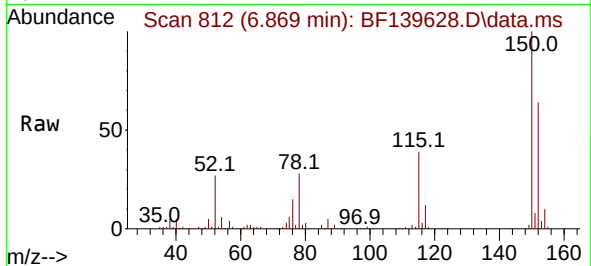




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

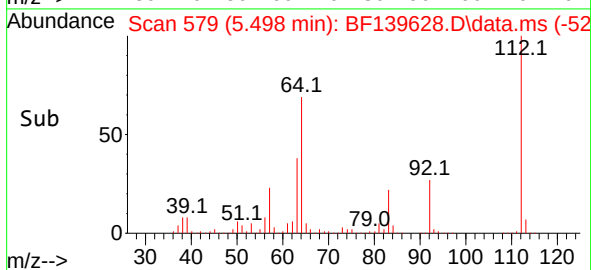
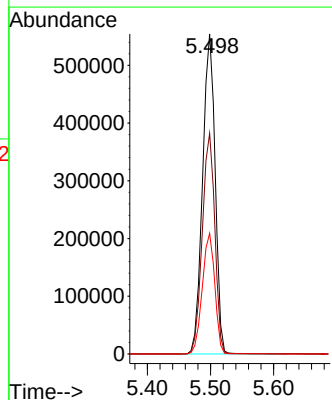
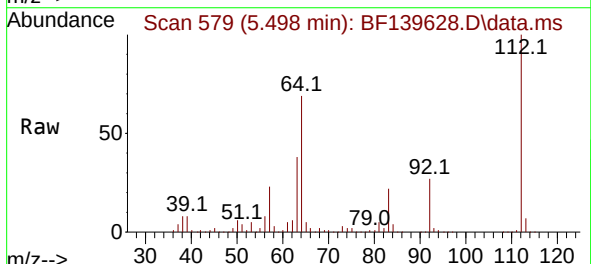
Instrument :
BNA_F
ClientSampleId :
PB163825BL

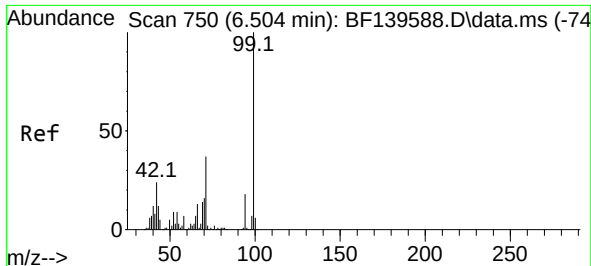
Tgt Ion:152 Resp: 95700
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 138.750 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

Tgt Ion:112 Resp: 766101
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 37.7 29.4 44.2





#7

Phenol-d6

Concen: 137.252 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB163825BL

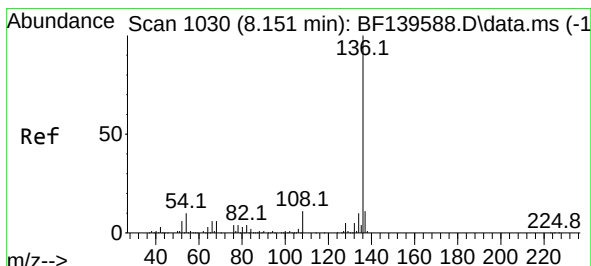
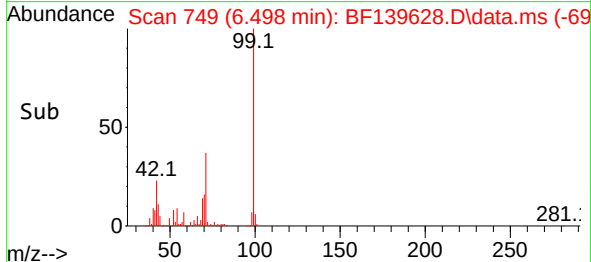
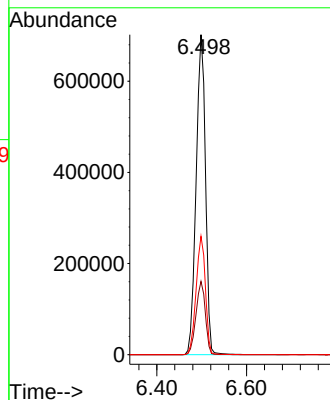
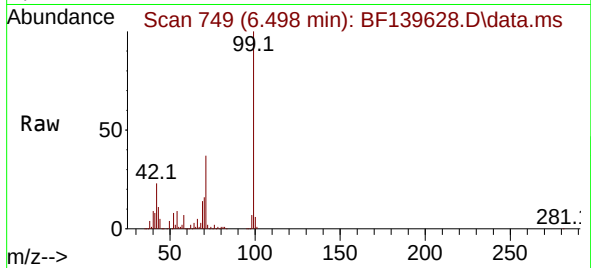
Tgt Ion: 99 Resp: 1019115

Ion Ratio Lower Upper

99 100

42 22.9 19.1 28.7

71 37.0 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: BF139628.D

Acq: 03 Oct 2024 13:40

Tgt Ion:136 Resp: 371325

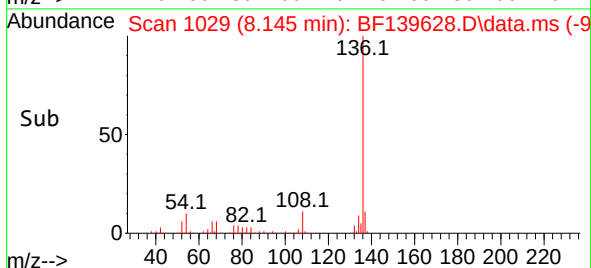
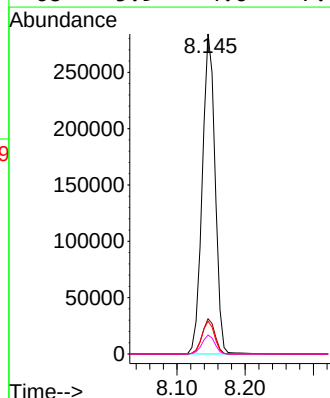
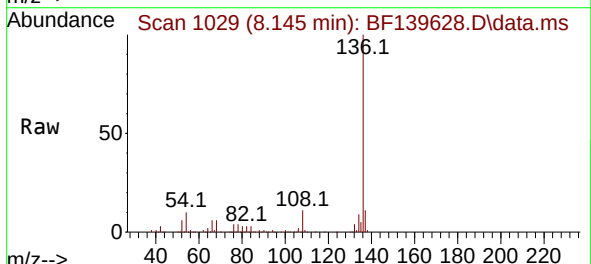
Ion Ratio Lower Upper

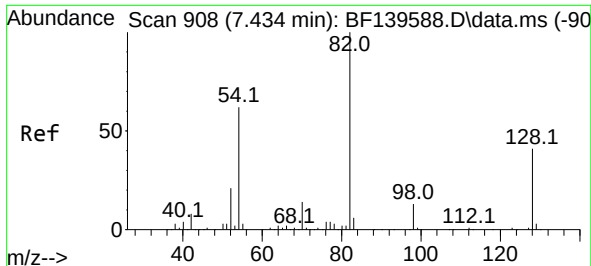
136 100

137 11.0 8.6 13.0

54 10.3 8.3 12.5

68 5.9 4.6 7.0

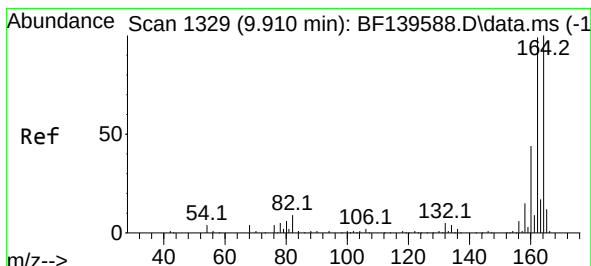
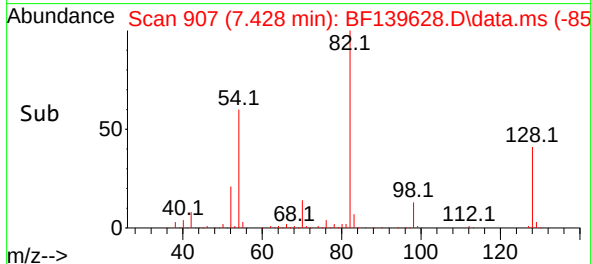
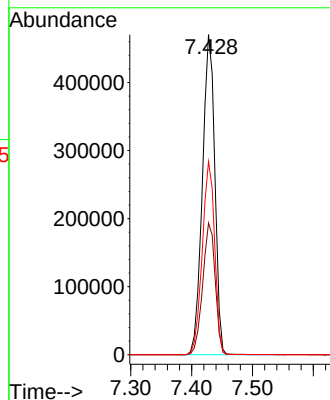
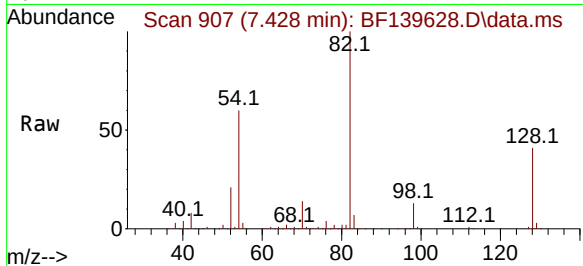




#23
 Nitrobenzene-d5
 Concen: 90.939 ng
 RT: 7.428 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF139628.D
 Acq: 03 Oct 2024 13:40

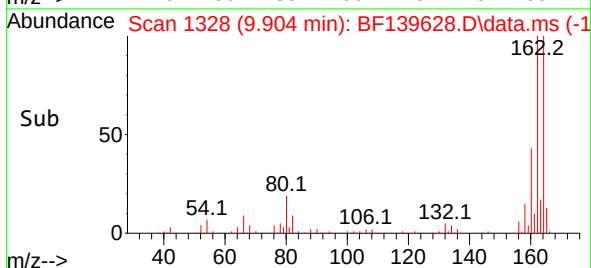
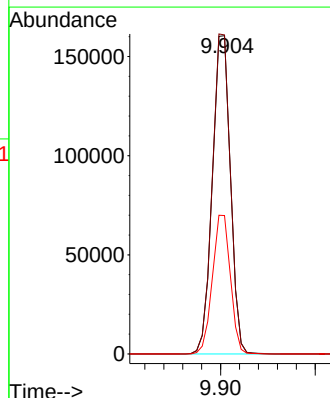
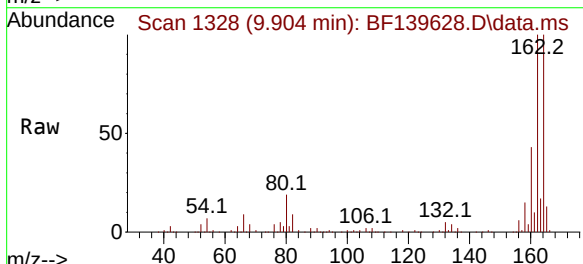
Instrument :
 BNA_F
 ClientSampleId :
 PB163825BL

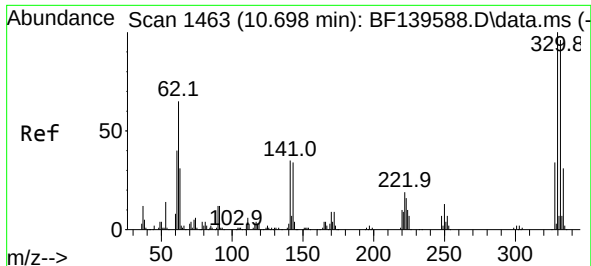
Tgt Ion: 82 Resp: 666953
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.4 48.6
 54 60.4 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: BF139628.D
 Acq: 03 Oct 2024 13:40

Tgt Ion:164 Resp: 213362
 Ion Ratio Lower Upper
 164 100
 162 100.2 79.4 119.0
 160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 142.770 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB163825BL

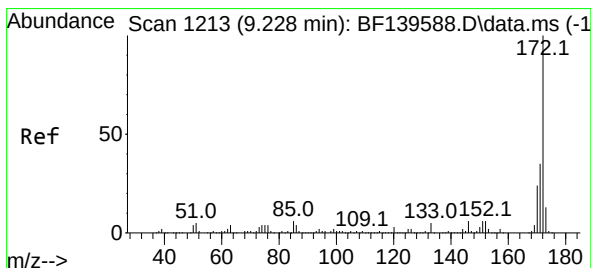
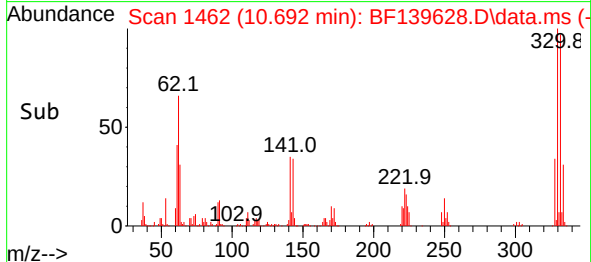
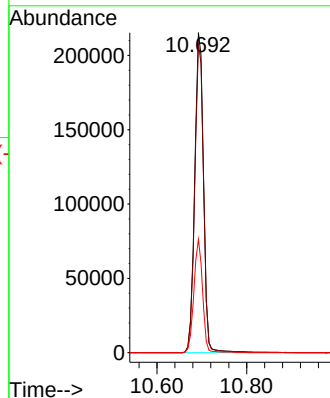
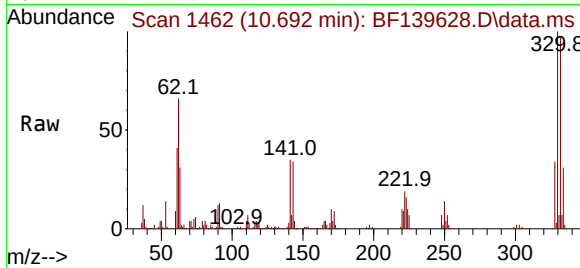
Tgt Ion:330 Resp: 294058

Ion Ratio Lower Upper

330 100

332 96.2 76.5 114.7

141 34.9 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 89.353 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139628.D

Acq: 03 Oct 2024 13:40

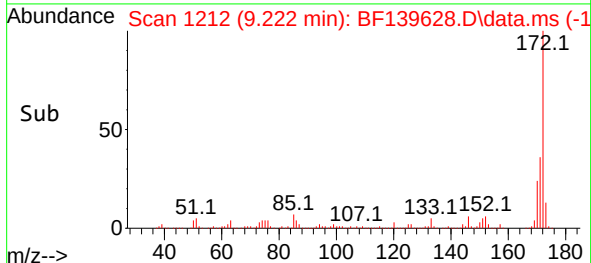
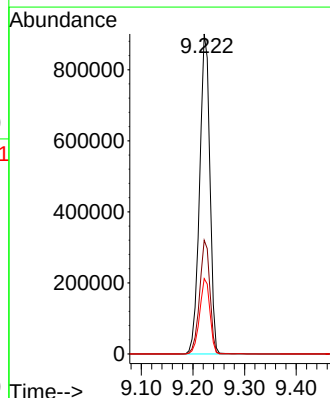
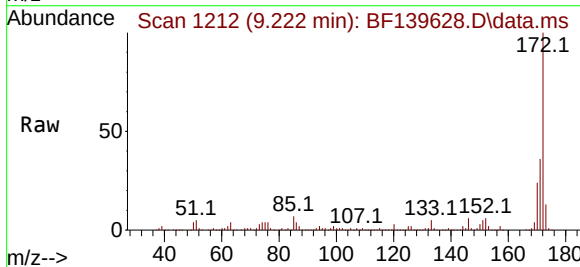
Tgt Ion:172 Resp: 1241843

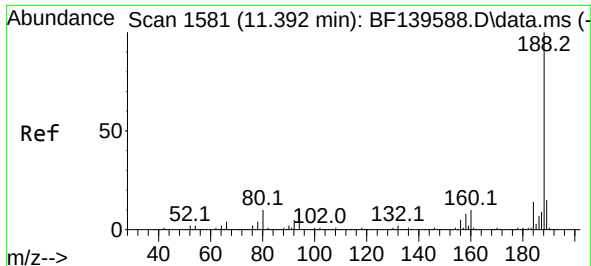
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.4

170 23.6 18.8 28.2

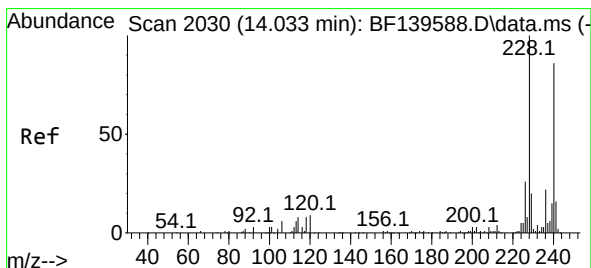
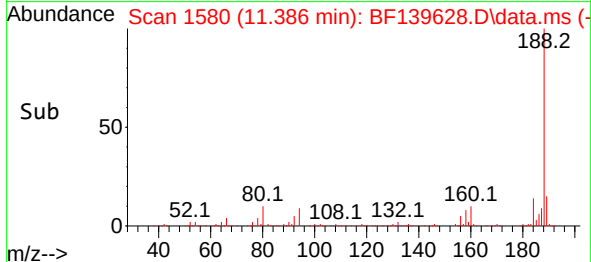
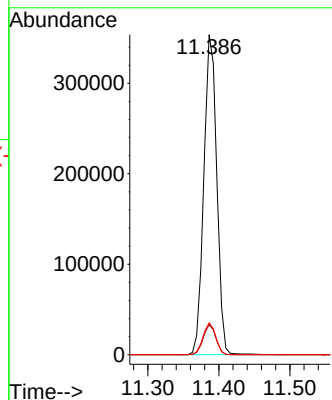
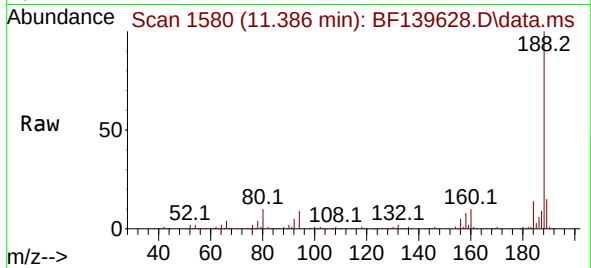




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

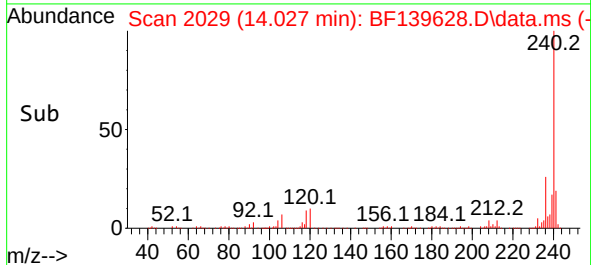
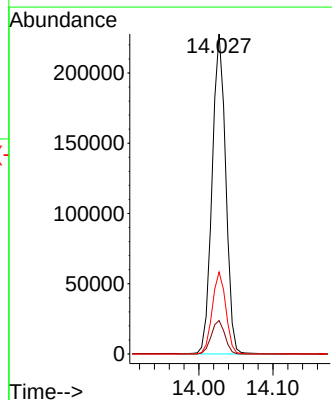
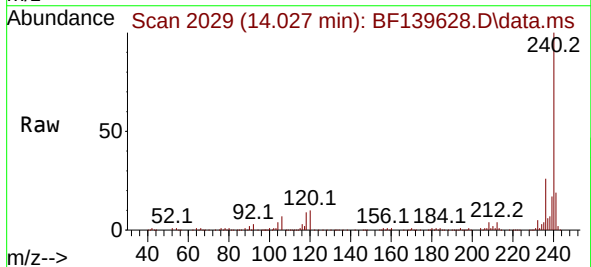
Instrument :
BNA_F
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PB163825BL

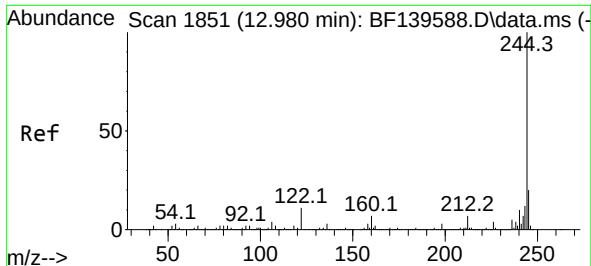
Tgt Ion:188 Resp: 449339
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139628.D
Acq: 03 Oct 2024 13:40

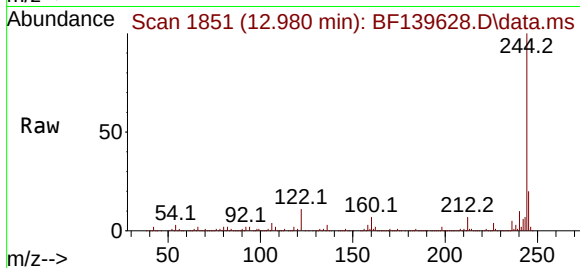
Tgt Ion:240 Resp: 290242
Ion Ratio Lower Upper
240 100
120 10.5 8.4 12.6
236 25.6 20.3 30.5



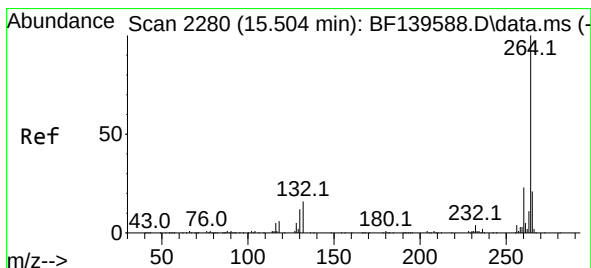
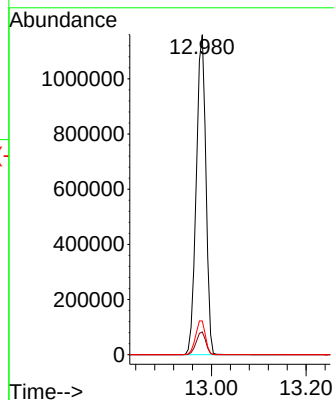
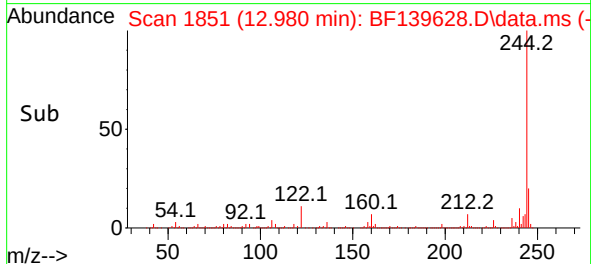


#79
 Terphenyl-d14
 Concen: 92.197 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139628.D
 Acq: 03 Oct 2024 13:40

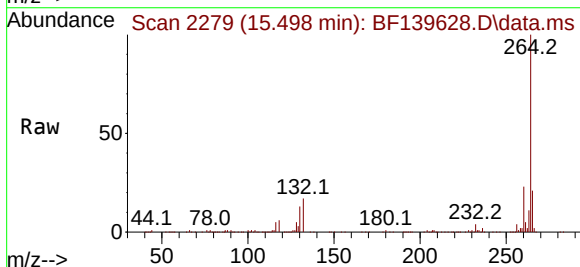
Instrument :
 BNA_F
 ClientSampleId :
 PB163825BL



Tgt Ion:244 Resp: 1630855
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139628.D
 Acq: 03 Oct 2024 13:40



Tgt Ion:264 Resp: 229314
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 21.0 16.9 25.3

