

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139610.D
Acq On : 02 Oct 2024 16:53
Operator : RC/JU
Sample : P4225-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-092724

Quant Time: Oct 02 17:26:10 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	93708	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	348778	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	181052	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	282837	20.000	ng	0.00
76) Chrysene-d12	14.027	240	175197	20.000	ng	0.00
86) Perylene-d12	15.498	264	167932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	148241	27.419	ng	-0.01
7) Phenol-d6	6.487	99	264636	36.398	ng	-0.02
23) Nitrobenzene-d5	7.422	82	155765	22.612	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	108642	62.161	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	448496	38.029	ng	0.00
79) Terphenyl-d14	12.968	244	472689	44.270	ng	-0.01

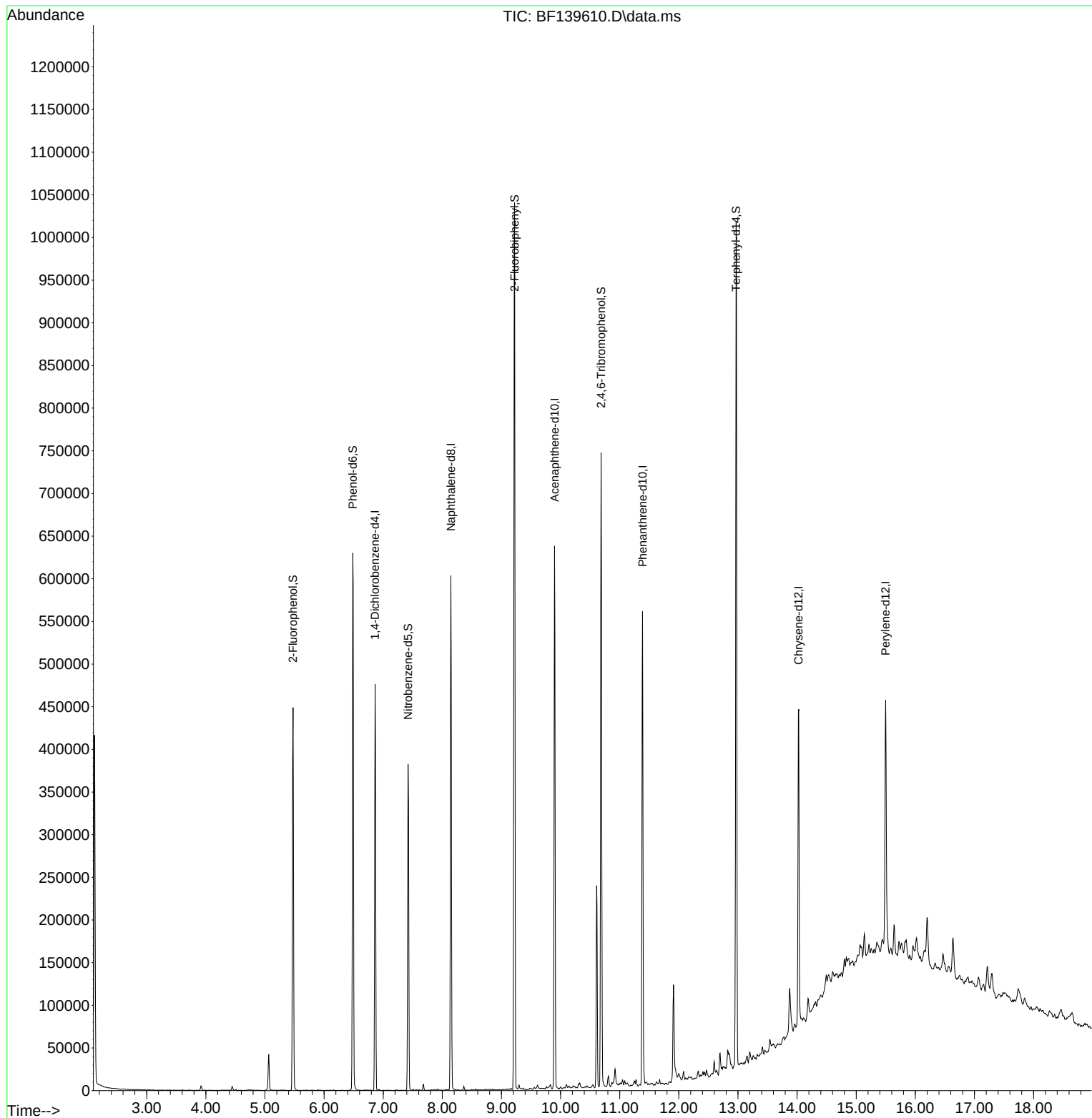
Target Compounds	Qvalue

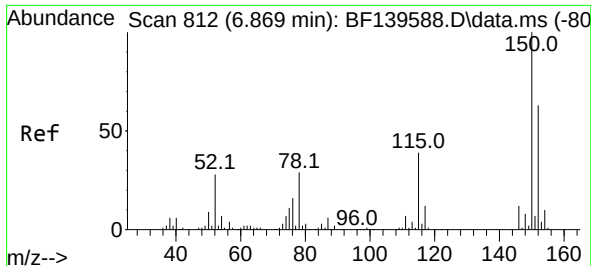
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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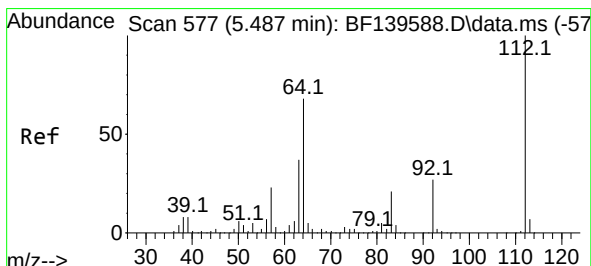
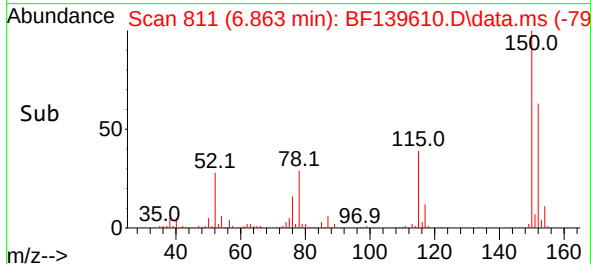
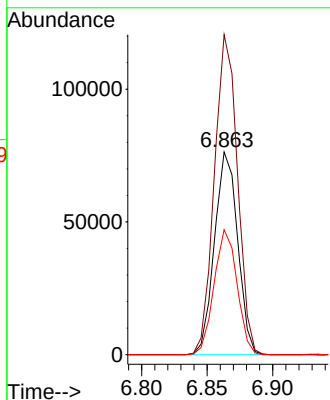
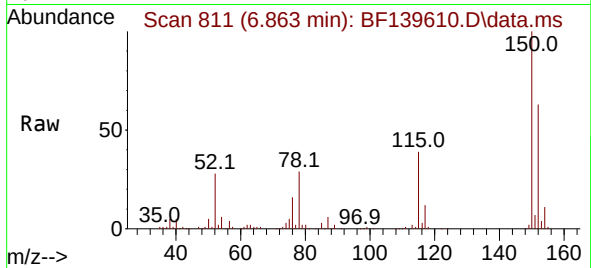




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

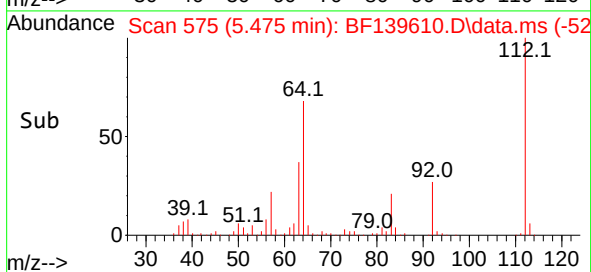
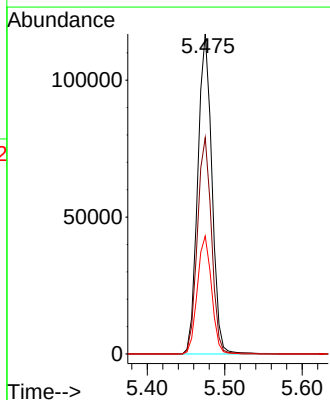
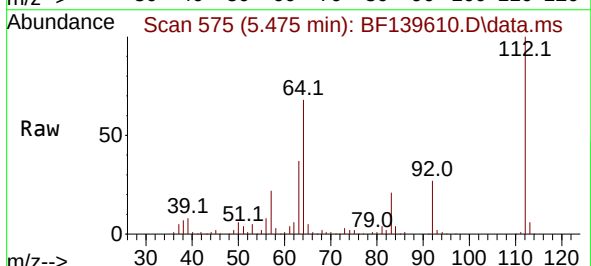
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

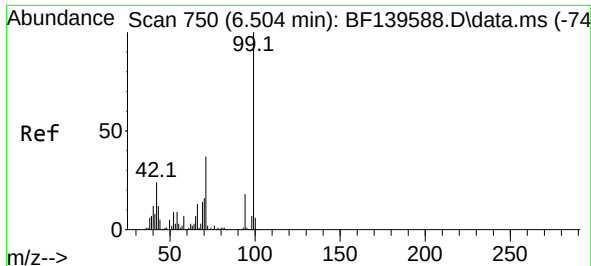
Tgt Ion:152 Resp: 93708
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 61.7 49.0 73.4



#5
2-Fluorophenol
Concen: 27.419 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion:112 Resp: 148241
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 36.8 29.4 44.2

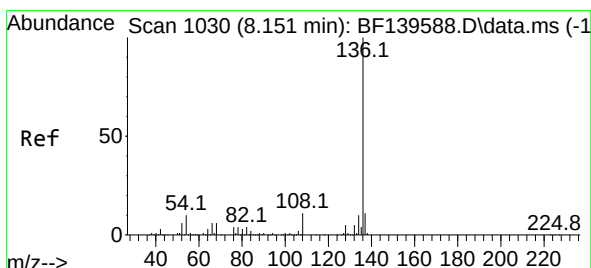
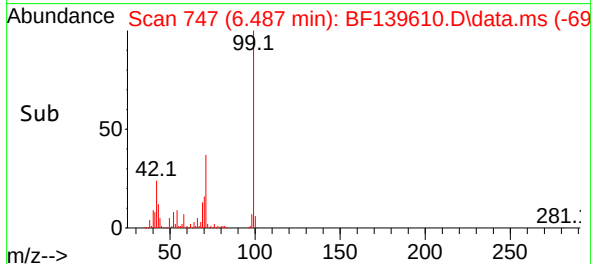
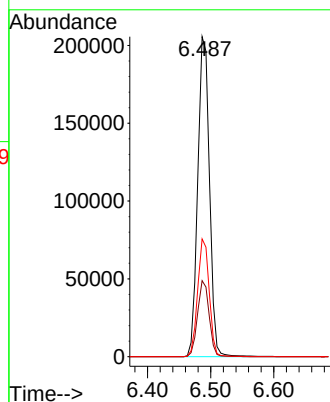
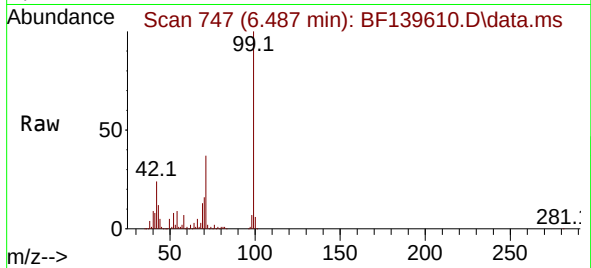




#7
Phenol-d6
Concen: 36.398 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

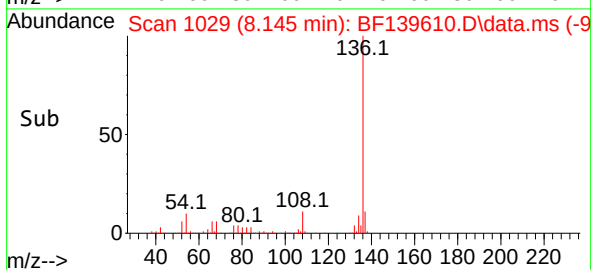
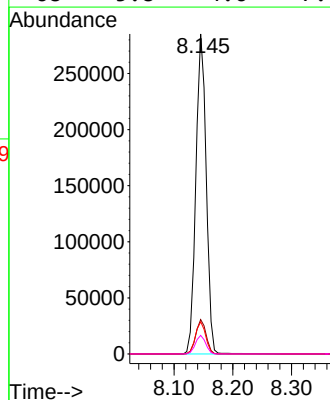
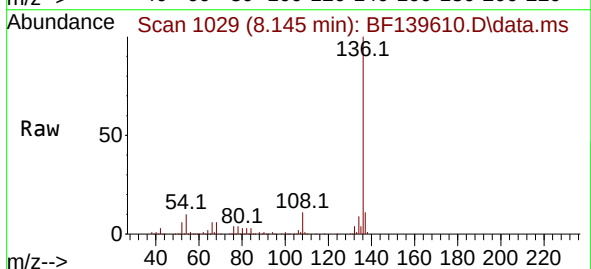
Instrument :
BNA_F
ClientSampleId :
TR-04-092724

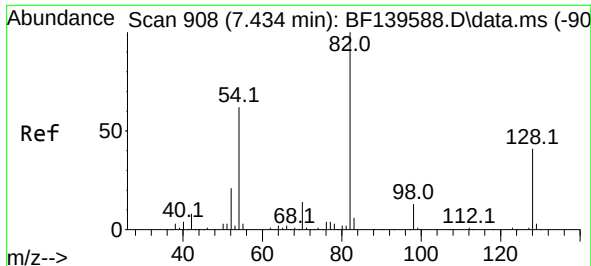
Tgt Ion: 99 Resp: 264636
Ion Ratio Lower Upper
99 100
42 23.8 19.1 28.7
71 36.8 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion: 136 Resp: 348778
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.3 12.5
68 5.8 4.6 7.0





#23

Nitrobenzene-d5

Concen: 22.612 ng

RT: 7.422 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139610.D

Acq: 02 Oct 2024 16:53

Instrument :

BNA_F

ClientSampleId :

TR-04-092724

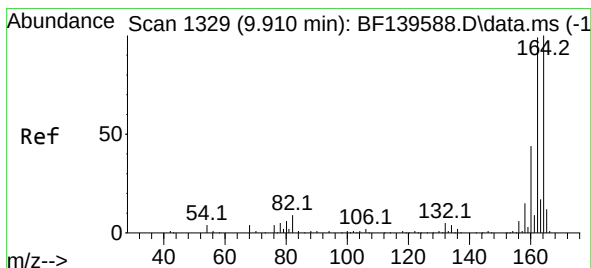
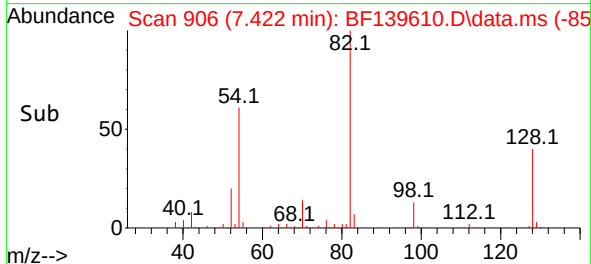
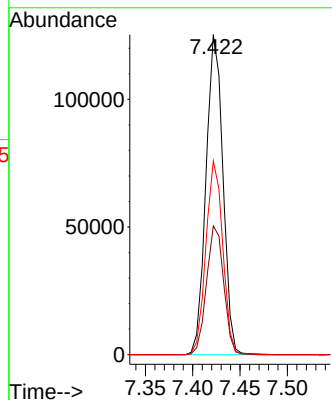
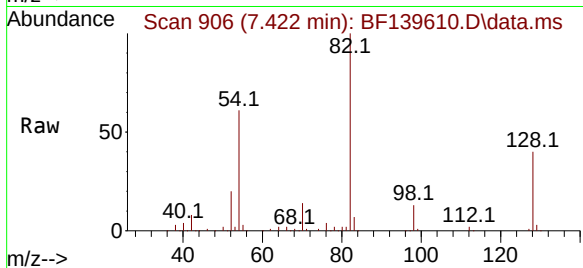
Tgt Ion: 82 Resp: 155765

Ion Ratio Lower Upper

82 100

128 40.2 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: BF139610.D

Acq: 02 Oct 2024 16:53

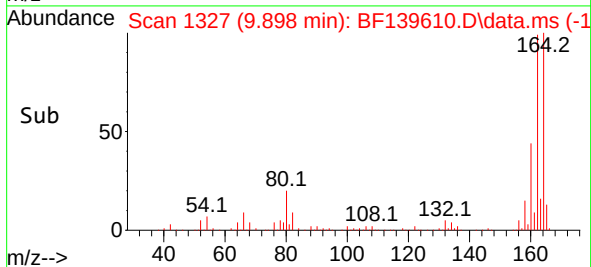
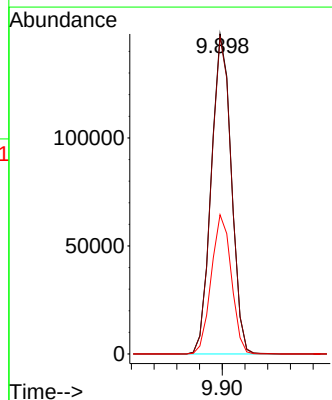
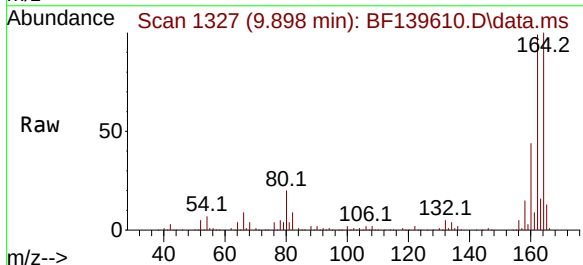
Tgt Ion:164 Resp: 181052

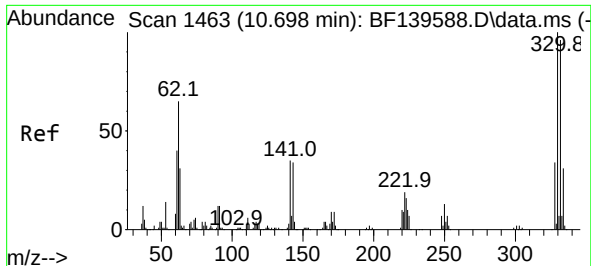
Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.0

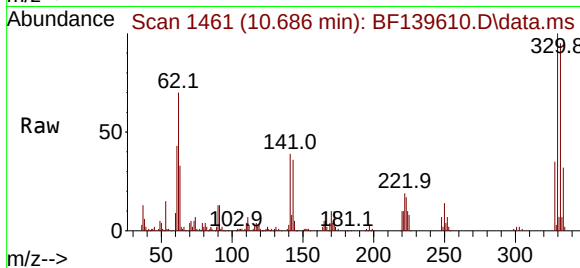
160 43.5 35.1 52.7



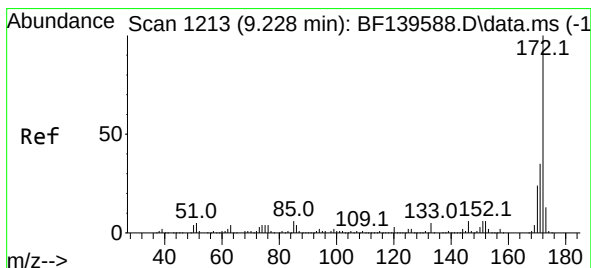
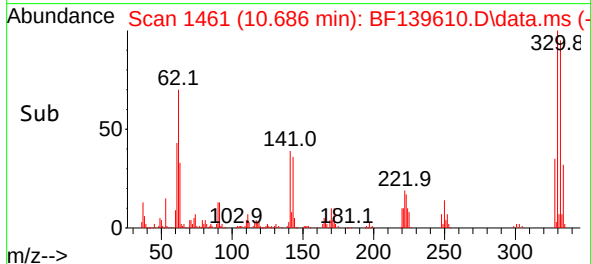
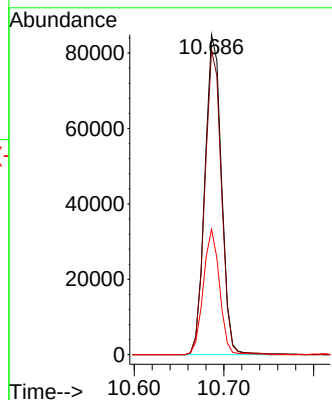


#42
2,4,6-Tribromophenol
Concen: 62.161 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Instrument :
BNA_F
ClientSampleId :
TR-04-092724

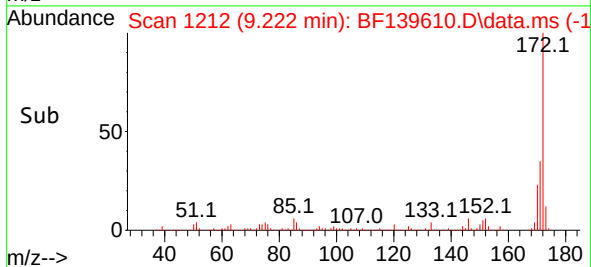
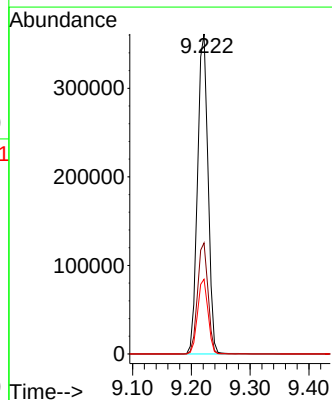
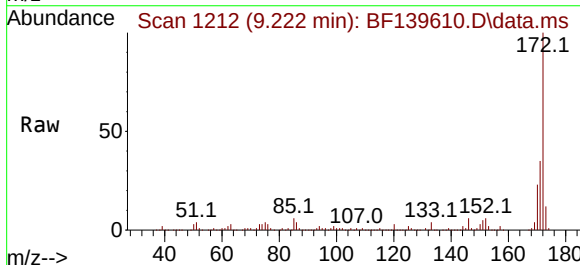


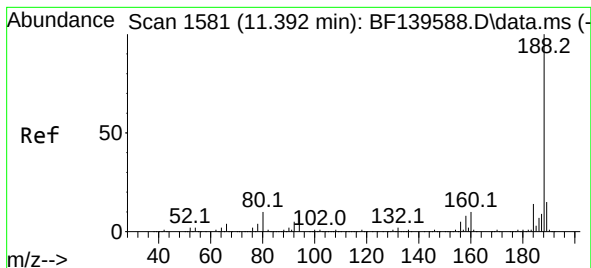
Tgt Ion:330 Resp: 108642
Ion Ratio Lower Upper
330 100
332 95.6 76.5 114.7
141 38.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 38.029 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion:172 Resp: 448496
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 23.3 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: BF139610.D

Acq: 02 Oct 2024 16:53

Instrument :

BNA_F

ClientSampleId :

TR-04-092724

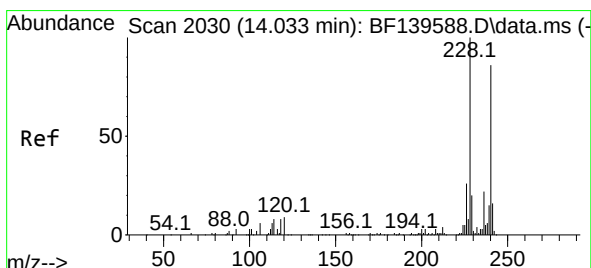
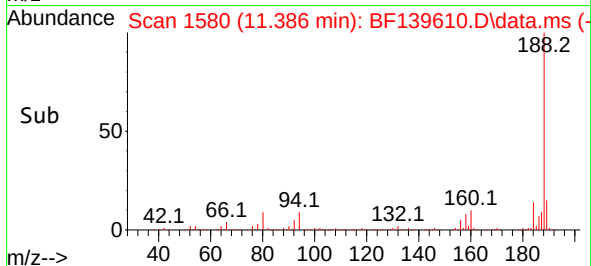
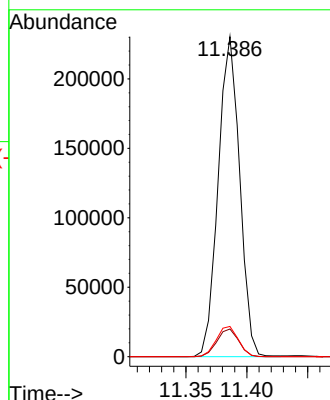
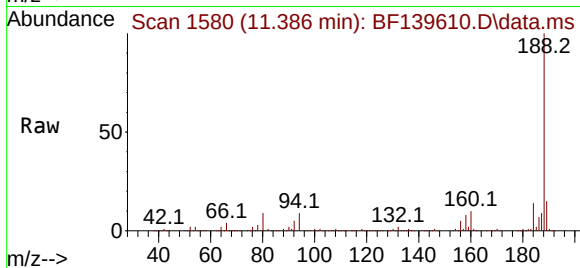
Tgt Ion:188 Resp: 282837

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.5 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: BF139610.D

Acq: 02 Oct 2024 16:53

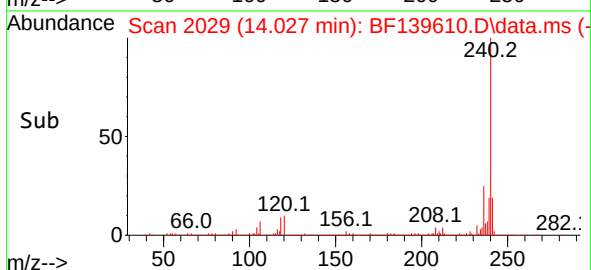
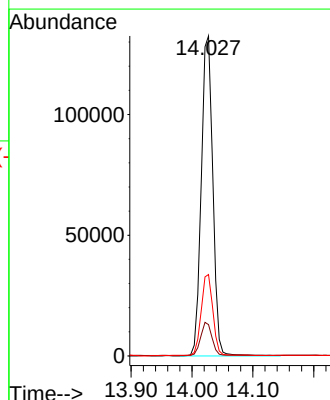
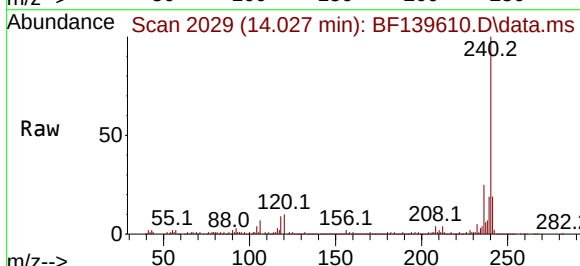
Tgt Ion:240 Resp: 175197

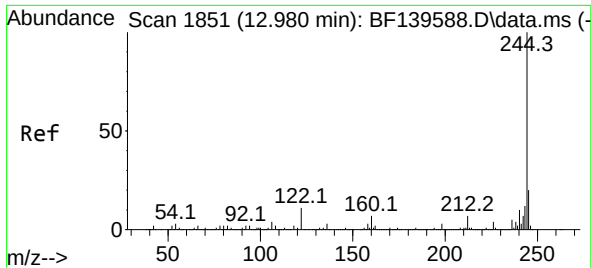
Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

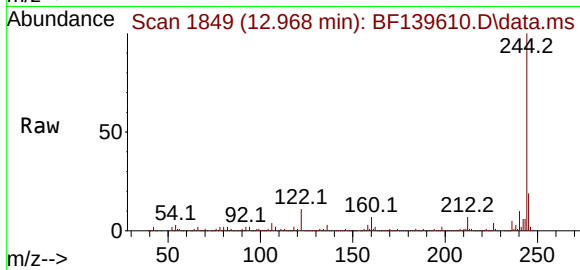
236 25.5 20.3 30.5



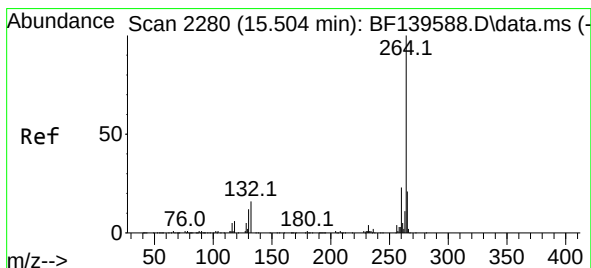
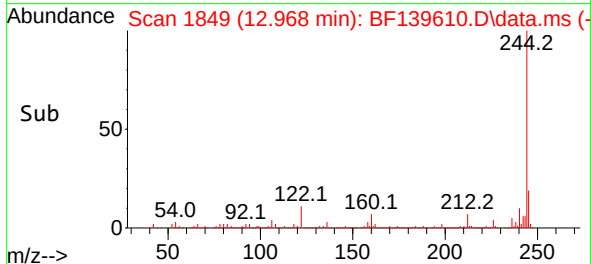
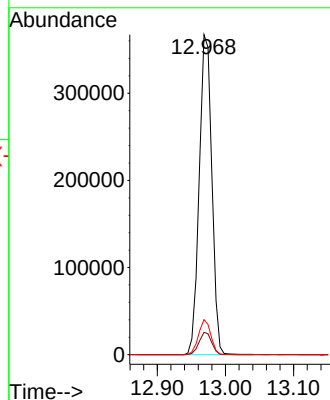


#79
Terphenyl-d14
Concen: 44.270 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139610.D
Acq: 02 Oct 2024 16:53

Instrument :
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Tgt Ion:244 Resp: 472689
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.9 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: BF139610.D
Acq: 02 Oct 2024 16:53

Tgt Ion:264 Resp: 167932
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.5 16.9 25.3

