

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139873.D
 Acq On : 19 Oct 2024 15:56
 Operator : RC/JU
 Sample : P4426-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-11

Quant Time: Oct 21 01:41:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	196276	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	749941	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	407911	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	666291	20.000	ng	0.00
76) Chrysene-d12	14.045	240	368761	20.000	ng	0.00
86) Perylene-d12	15.527	264	386969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	340240	27.137	ng	0.00
7) Phenol-d6	6.498	99	666053	41.017	ng	-0.01
23) Nitrobenzene-d5	7.445	82	638566	47.193	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	64570	16.923	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1293573	52.411	ng	0.00
79) Terphenyl-d14	12.998	244	1060454	46.859	ng	0.00

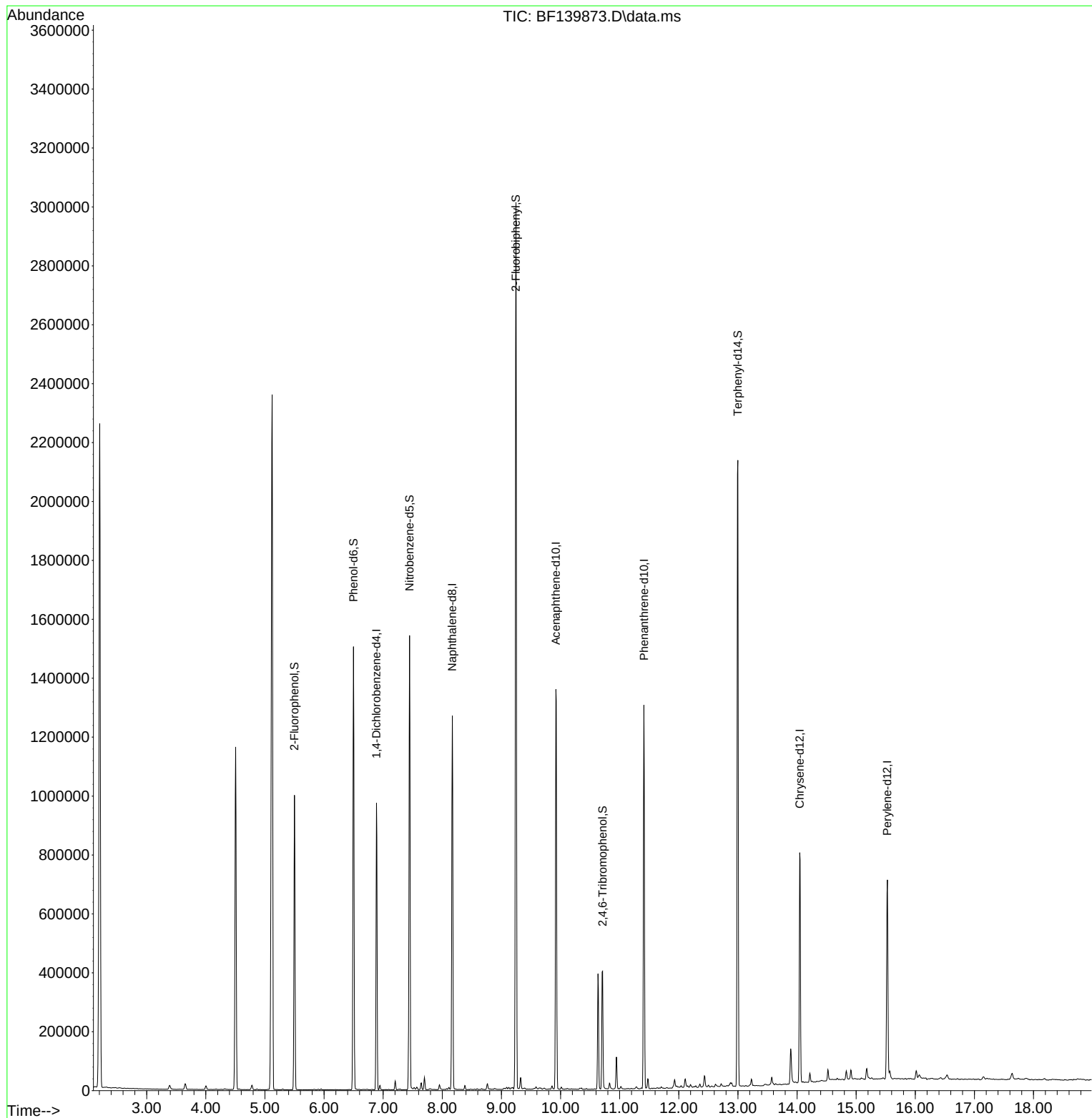
Target Compounds	Qvalue

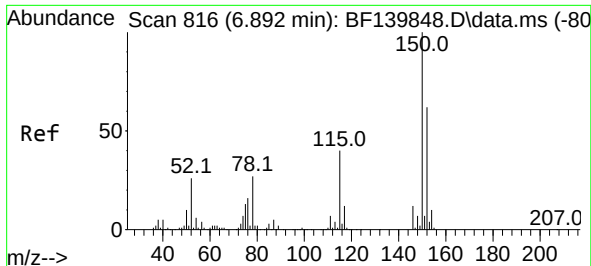
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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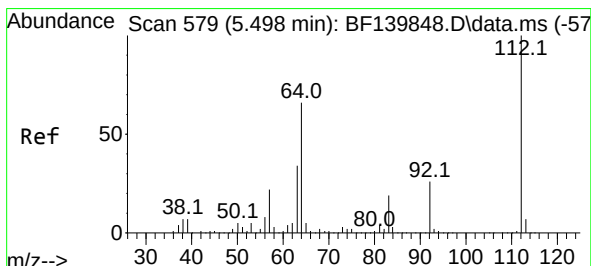
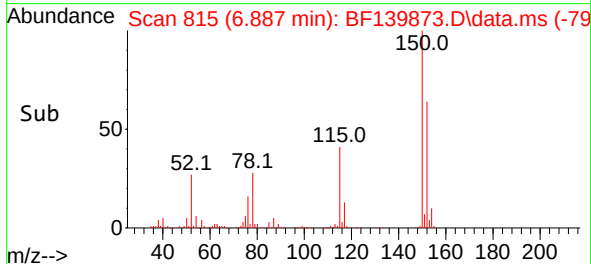
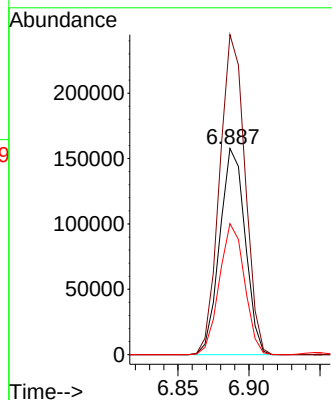
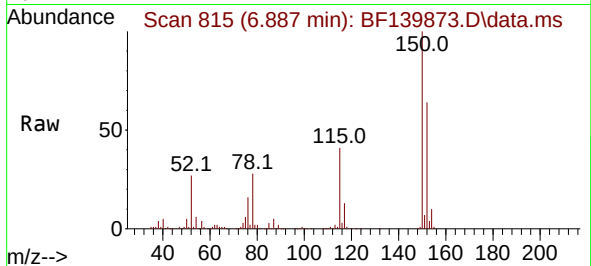




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

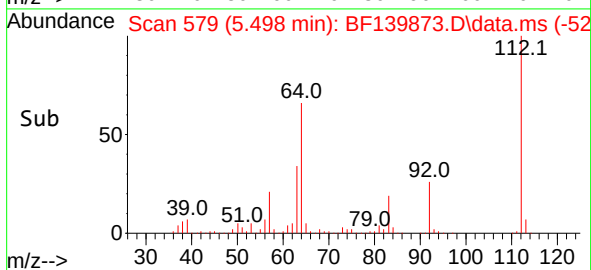
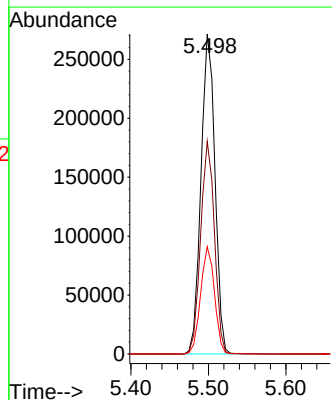
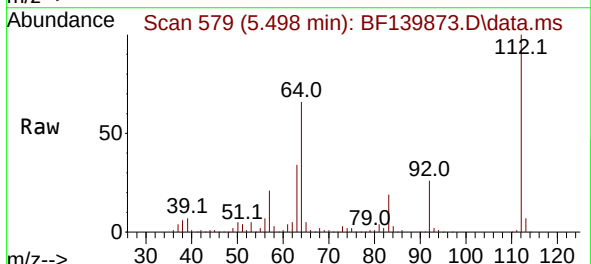
Instrument :
BNA_F
ClientSampleId :
PAD-11

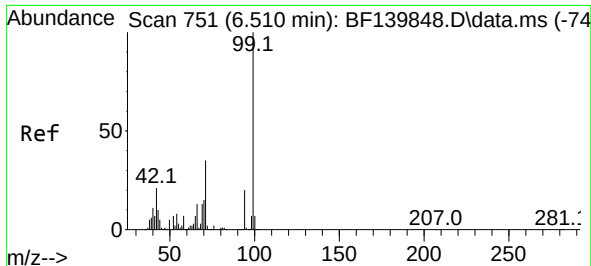
Tgt Ion:152 Resp: 196276
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 27.137 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion:112 Resp: 340240
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 33.5 27.0 40.4

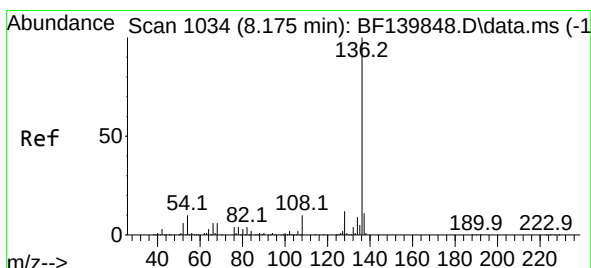
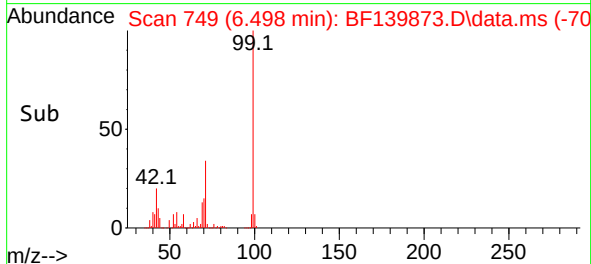
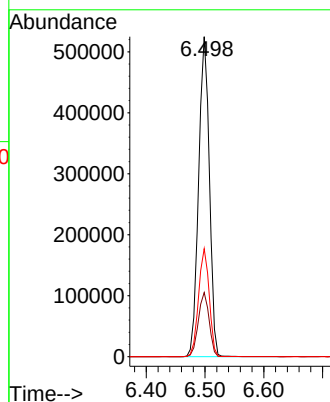
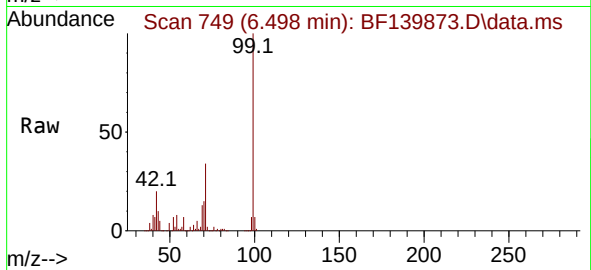




#7
Phenol-d6
Concen: 41.017 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

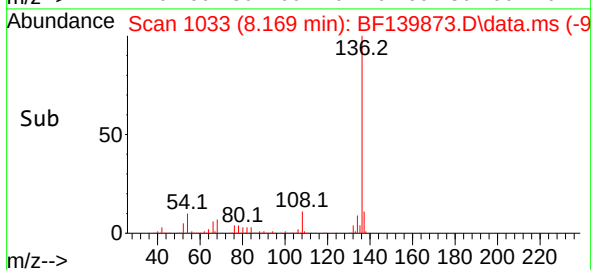
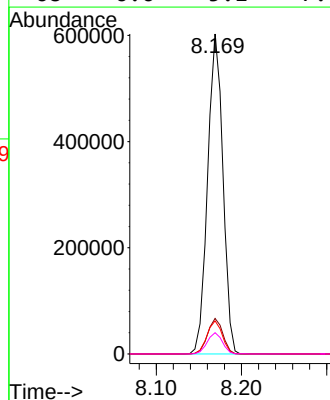
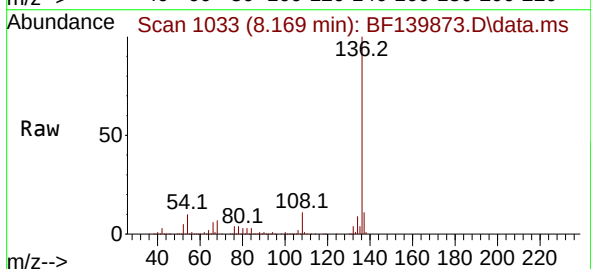
Instrument :
BNA_F
ClientSampleId :
PAD-11

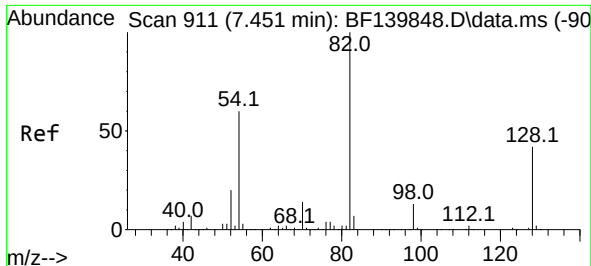
Tgt Ion: 99 Resp: 666053
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139873.D
Acq: 19 Oct 2024 15:56

Tgt Ion:136 Resp: 749941
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.3 8.4 12.6
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 47.193 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139873.D

Acq: 19 Oct 2024 15:56

Instrument :

BNA_F

ClientSampleId :

PAD-11

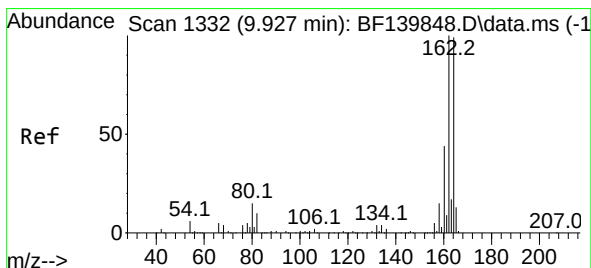
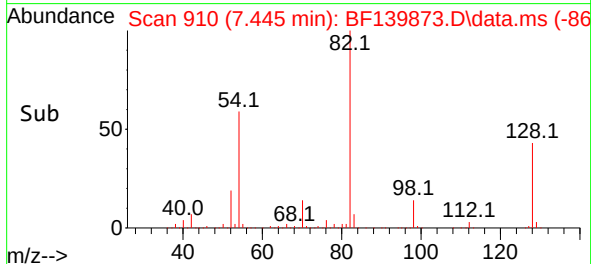
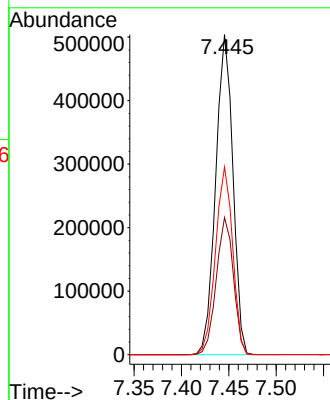
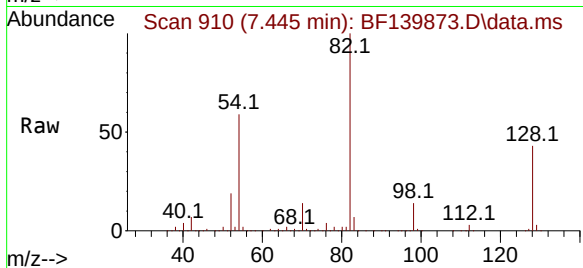
Tgt Ion: 82 Resp: 638566

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.0

54 58.6 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF139873.D

Acq: 19 Oct 2024 15:56

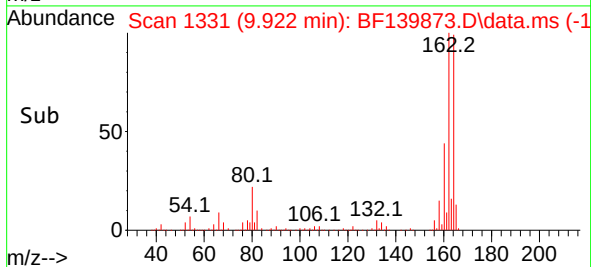
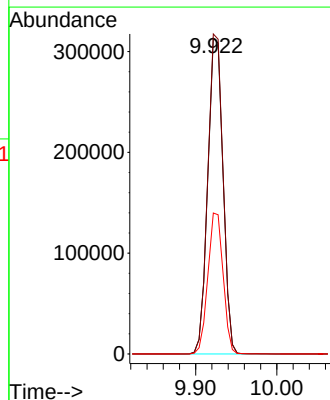
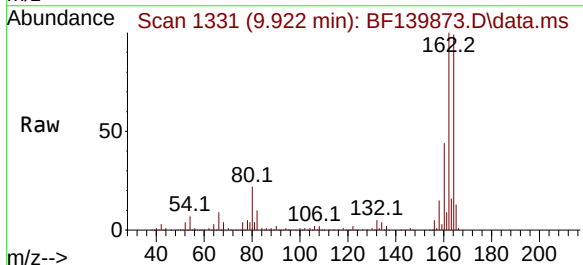
Tgt Ion:164 Resp: 407911

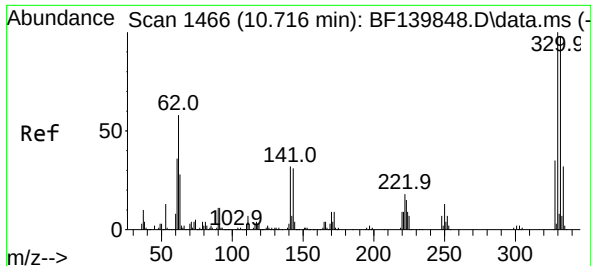
Ion Ratio Lower Upper

164 100

162 101.4 81.0 121.4

160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 16.923 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139873.D

Acq: 19 Oct 2024 15:56

Instrument :

BNA_F

ClientSampleId :

PAD-11

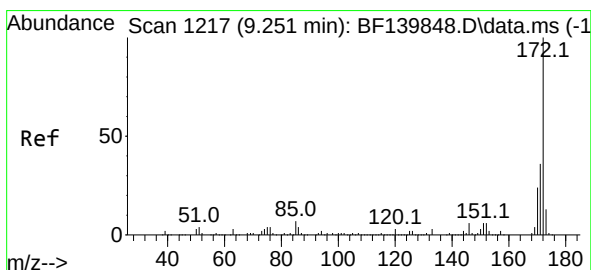
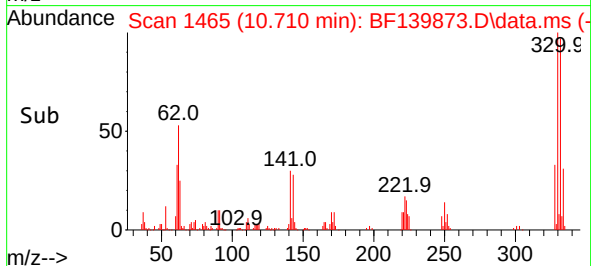
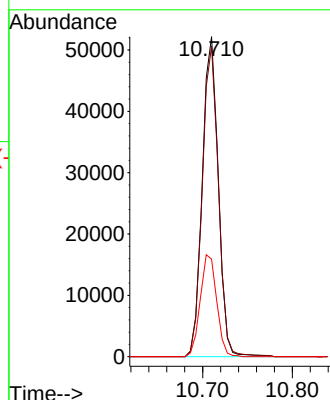
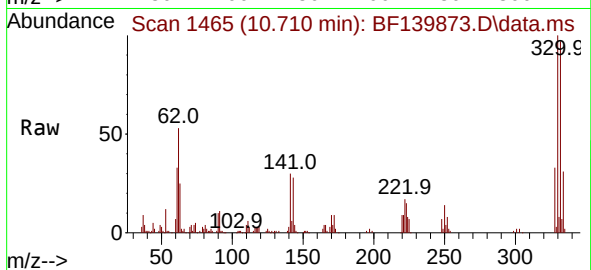
Tgt Ion:330 Resp: 64570

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 32.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 52.411 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139873.D

Acq: 19 Oct 2024 15:56

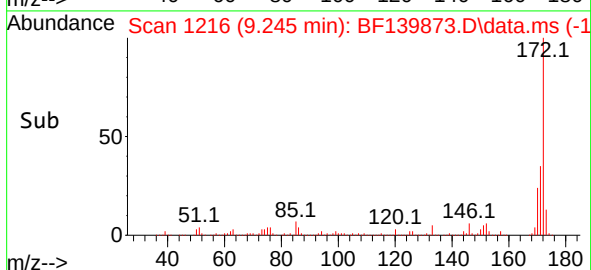
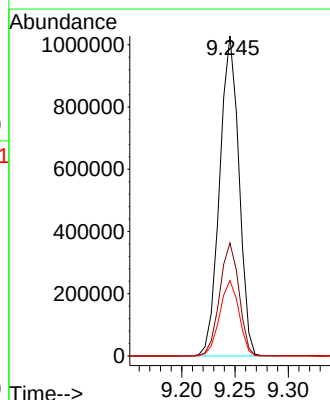
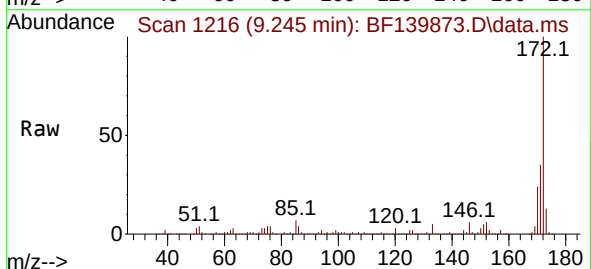
Tgt Ion:172 Resp: 1293573

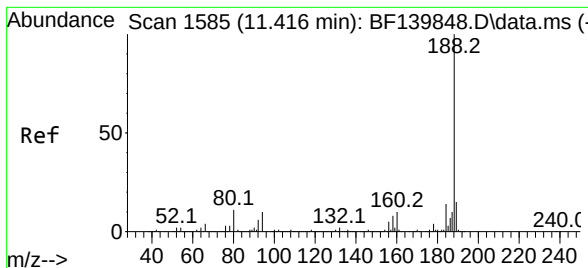
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139873.D

Acq: 19 Oct 2024 15:56

Instrument :

BNA_F

ClientSampleId :

PAD-11

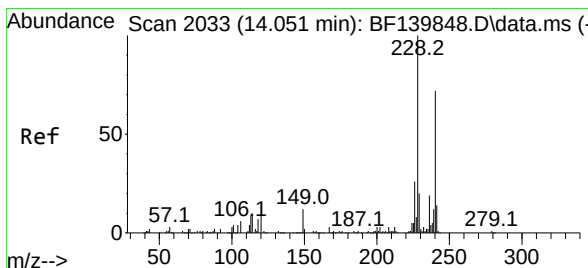
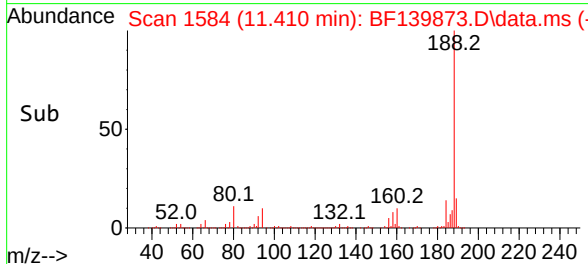
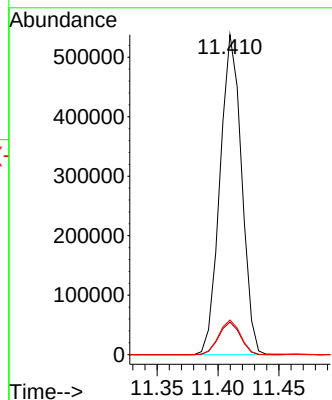
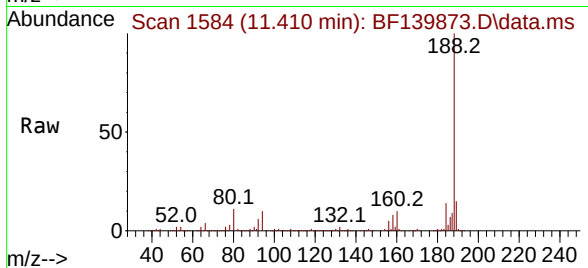
Tgt Ion:188 Resp: 666291

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 10.8 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139873.D

Acq: 19 Oct 2024 15:56

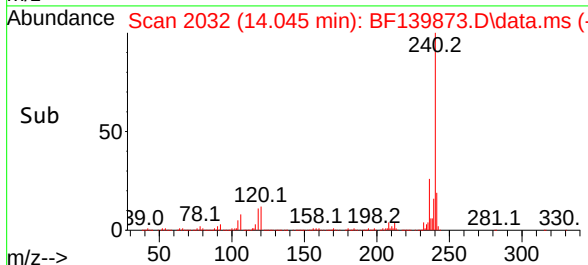
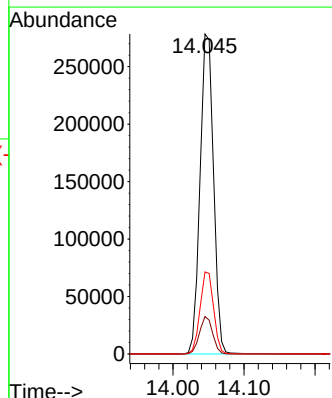
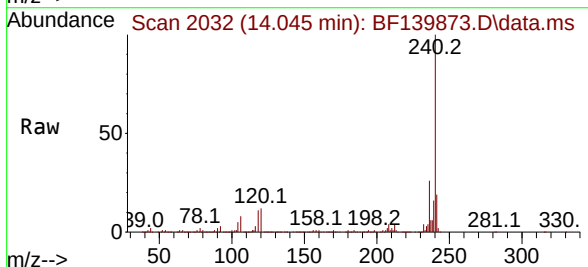
Tgt Ion:240 Resp: 368761

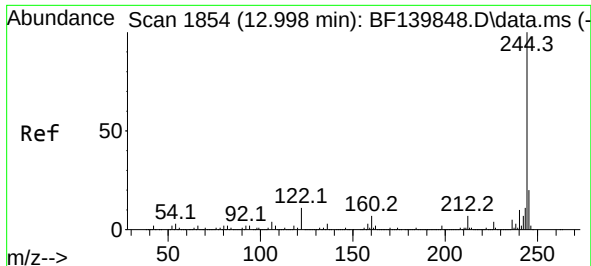
Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

236 25.7 20.9 31.3

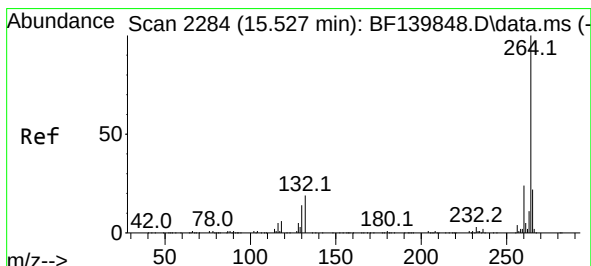
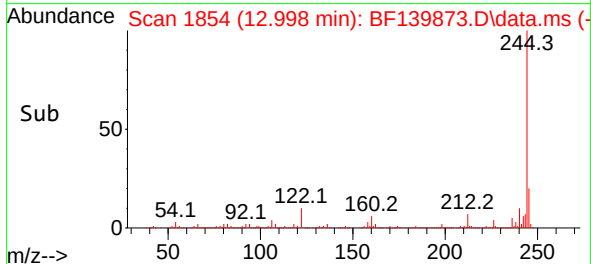
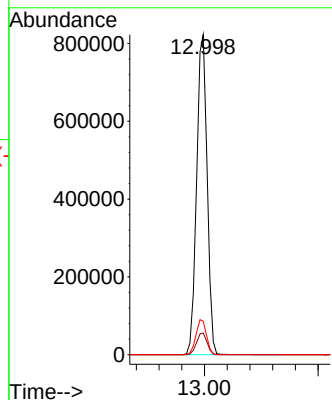
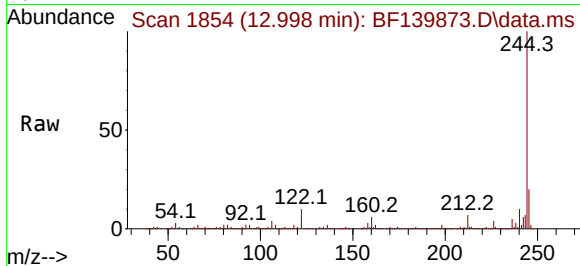




#79
 Terphenyl-d14
 Concen: 46.859 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139873.D
 Acq: 19 Oct 2024 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PAD-11

Tgt Ion:244 Resp: 1060454
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139873.D
 Acq: 19 Oct 2024 15:56

Tgt Ion:264 Resp: 386969
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.1 17.4 26.0

