

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139872.D
 Acq On : 19 Oct 2024 15:27
 Operator : RC/JU
 Sample : P4426-35
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-PAD

Quant Time: Oct 21 01:40:45 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	171810	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	614846	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	262055	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	226931	20.000	ng	# 0.03
76) Chrysene-d12	14.074	240	333883	20.000	ng	0.02
86) Perylene-d12	15.533	264	363697	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	263657	24.024	ng	0.00
7) Phenol-d6	6.498	99	457338	32.175	ng	-0.01
23) Nitrobenzene-d5	7.445	82	431654	38.910	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	31679	12.924	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	757082	47.747	ng	0.00
79) Terphenyl-d14	13.039	244	528833	25.809	ng	0.04

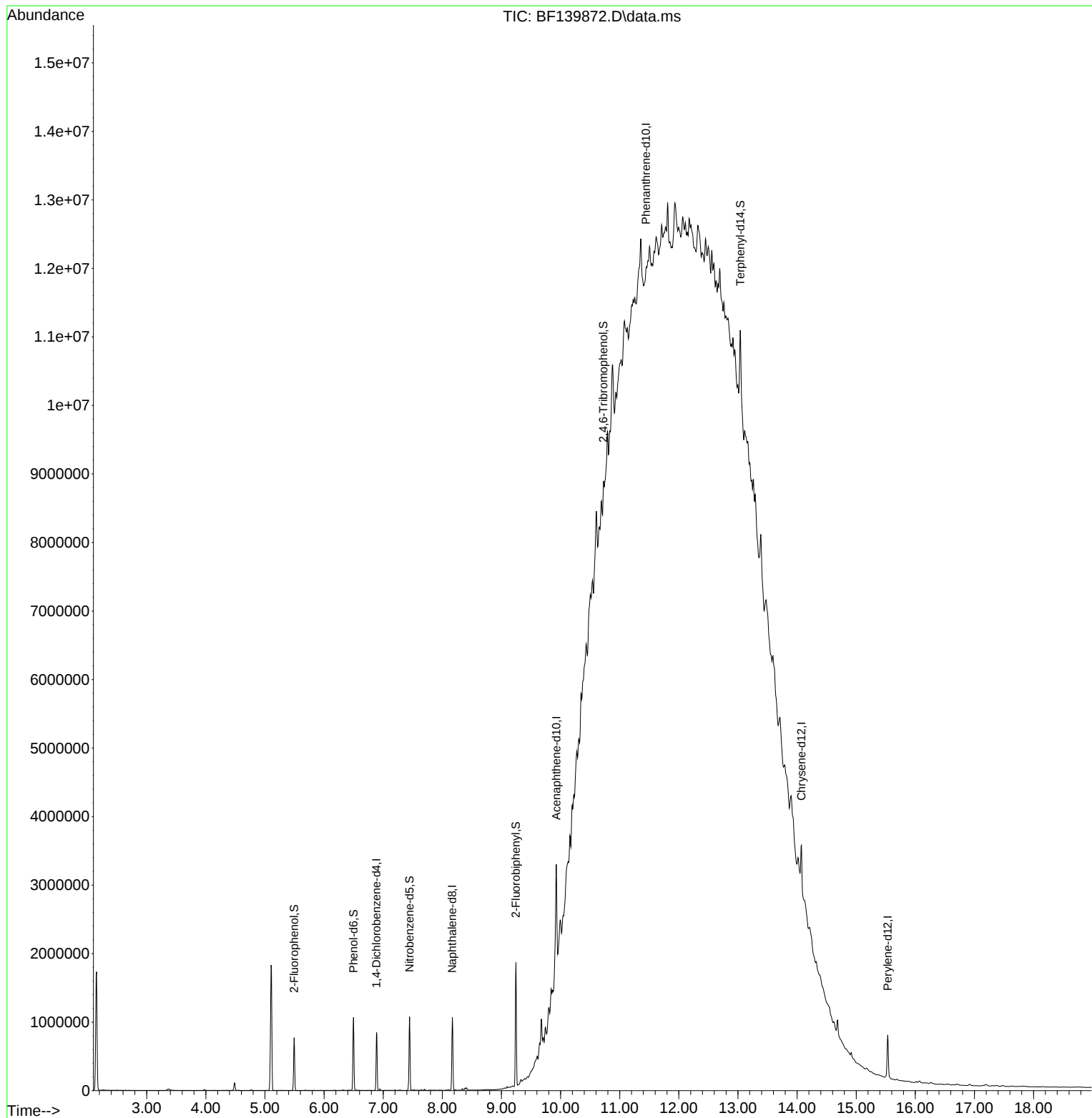
Target Compounds	Qvalue

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

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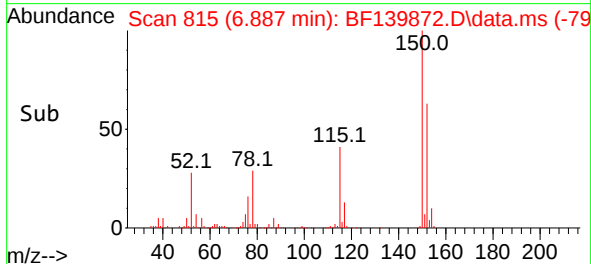
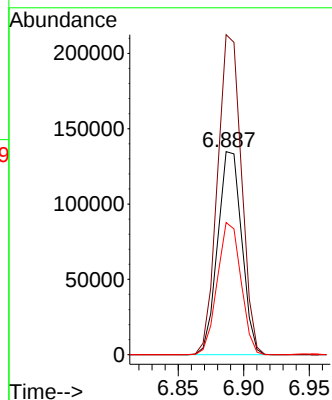
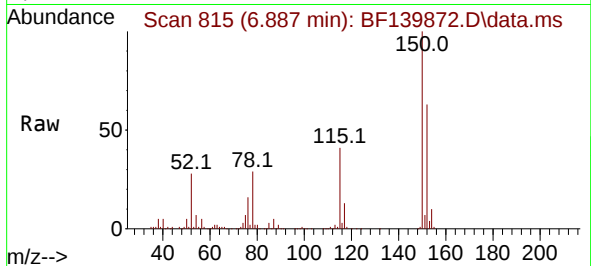




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

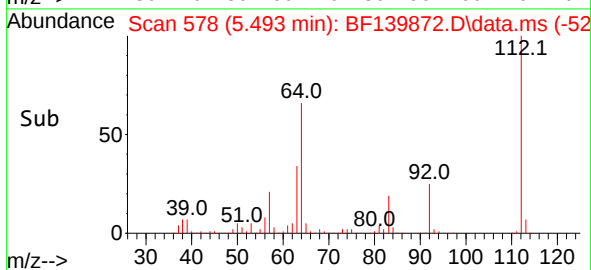
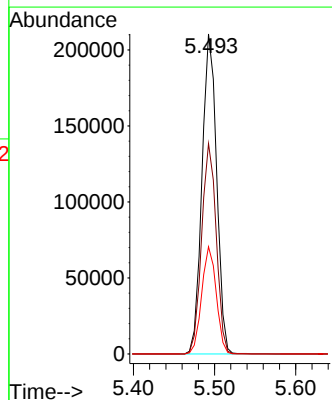
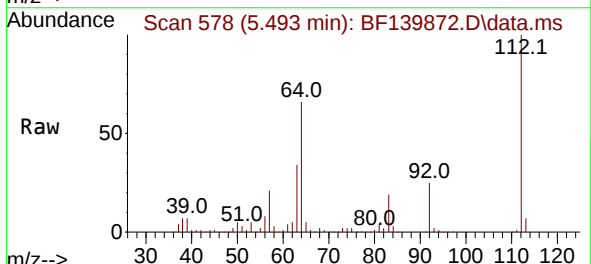
Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion:152 Resp: 171810
Ion Ratio Lower Upper
152 100
150 157.6 130.2 195.2
115 65.1 51.4 77.2



#5
2-Fluorophenol
Concen: 24.024 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:112 Resp: 263657
Ion Ratio Lower Upper
112 100
64 65.7 53.0 79.6
63 33.5 27.0 40.4

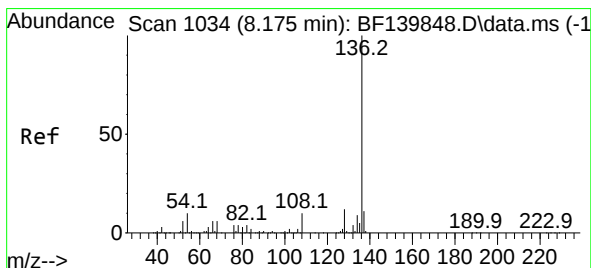
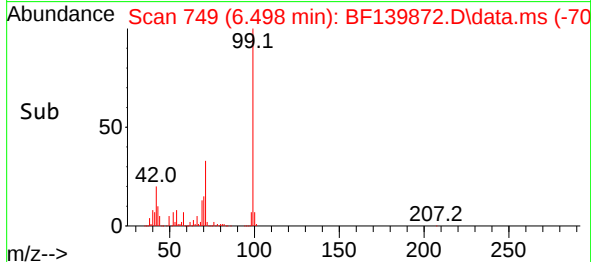
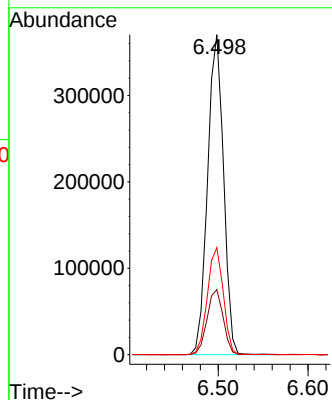
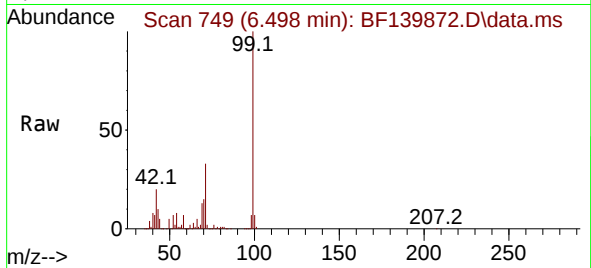




#7
Phenol-d6
Concen: 32.175 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

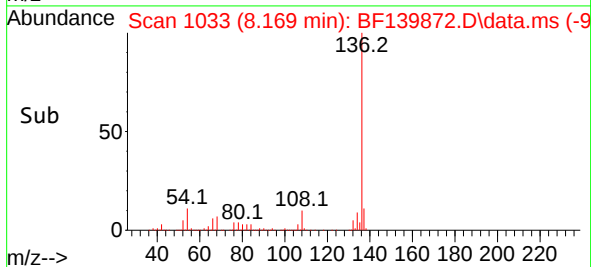
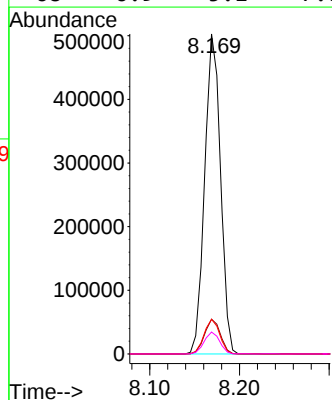
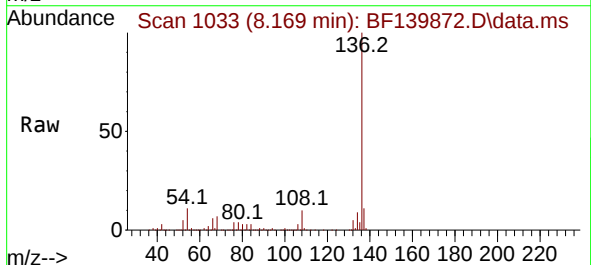
Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion: 99 Resp: 457338
Ion Ratio Lower Upper
99 100
42 20.4 16.7 25.1
71 33.5 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: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion: 136 Resp: 614846
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.9 8.4 12.6
68 6.9 5.1 7.7

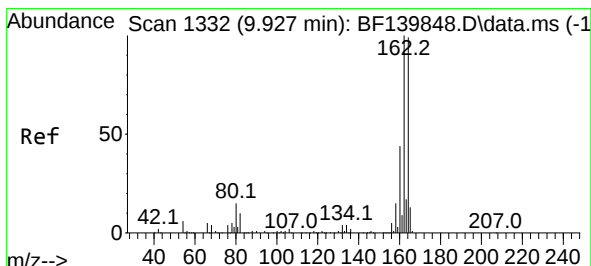
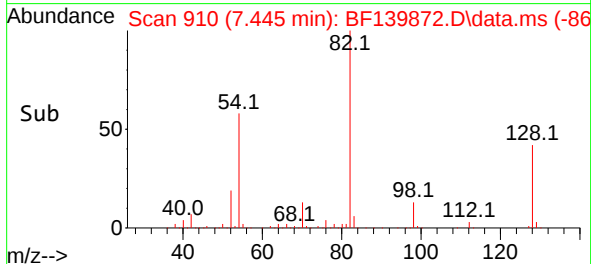
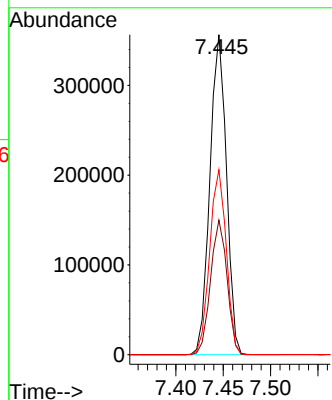
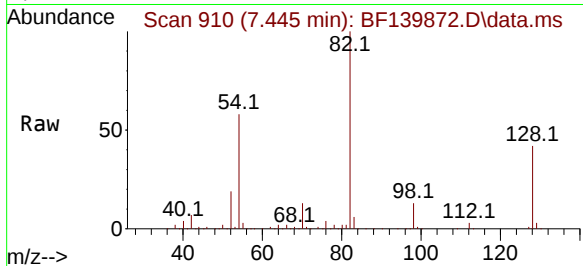




#23
Nitrobenzene-d5
Concen: 38.910 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

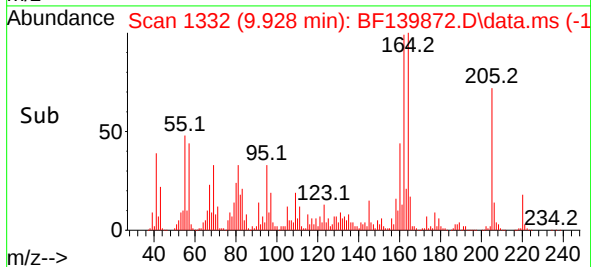
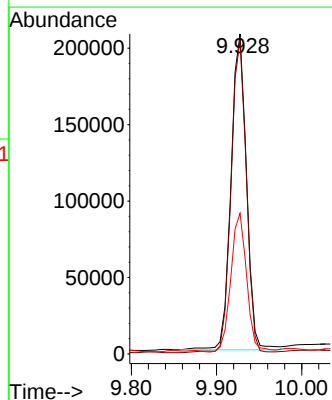
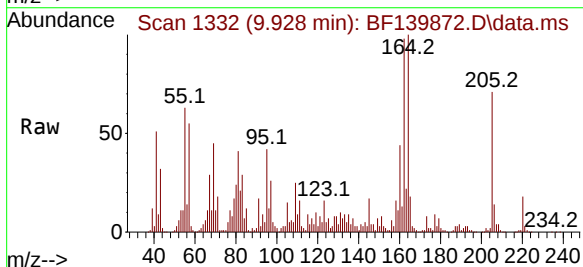
Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

Tgt Ion: 82 Resp: 431654
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 57.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion:164 Resp: 262055
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.4
160 44.0 35.4 53.0

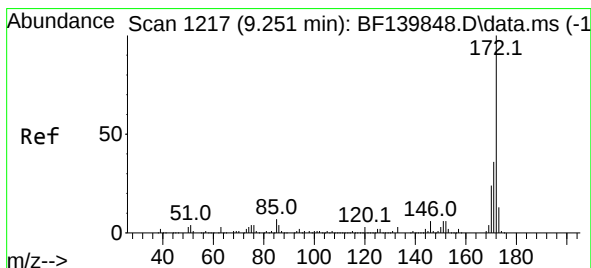
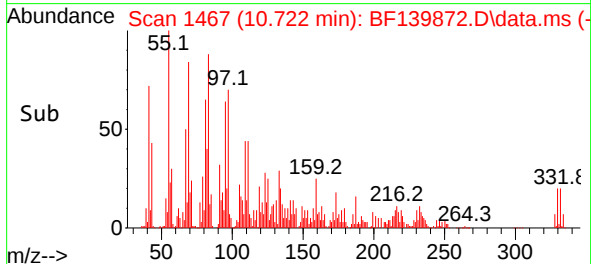
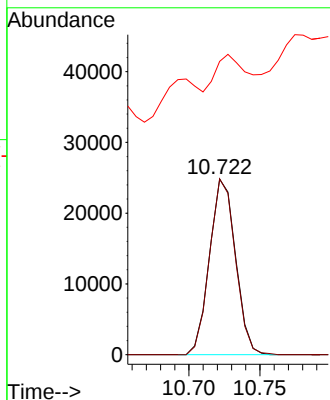
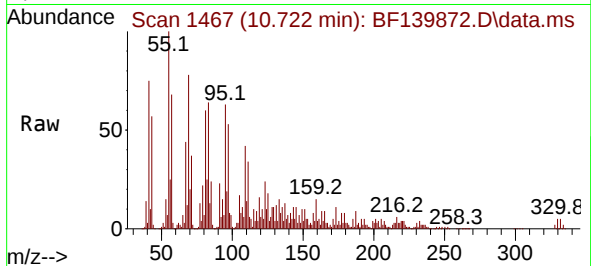




#42
2,4,6-Tribromophenol
Concen: 12.924 ng
RT: 10.722 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

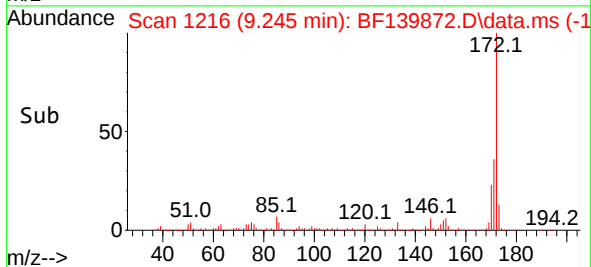
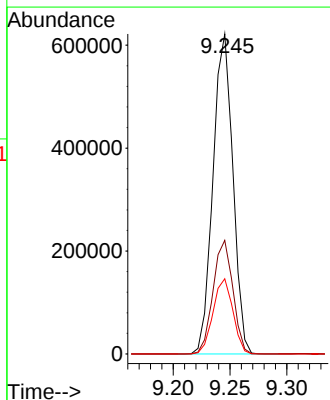
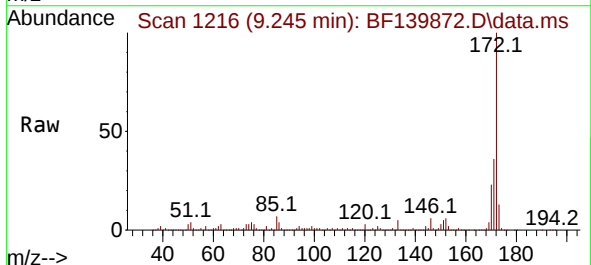
Instrument :
BNA_F
ClientSampleId :
TRANSFORMER-PAD

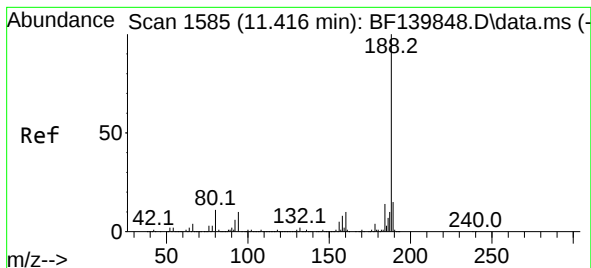
Tgt Ion: 330 Resp: 31679
Ion Ratio Lower Upper
330 100
332 99.0 78.1 117.1
141 25.2 26.6 39.8#



#45
2-Fluorobiphenyl
Concen: 47.747 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139872.D
Acq: 19 Oct 2024 15:27

Tgt Ion: 172 Resp: 757082
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1

Delta R.T. 0.030 min

Lab File: BF139872.D

Acq: 19 Oct 2024 15:27

Instrument :

BNA_F

ClientSampleId :

TRANSFORMER-PAD

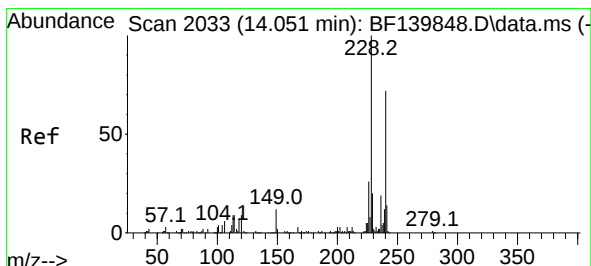
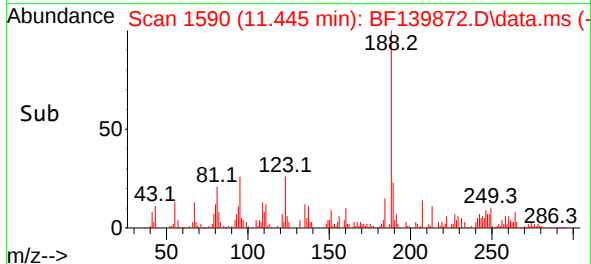
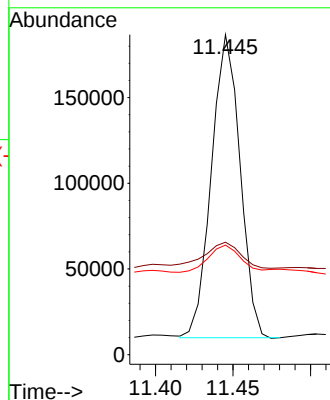
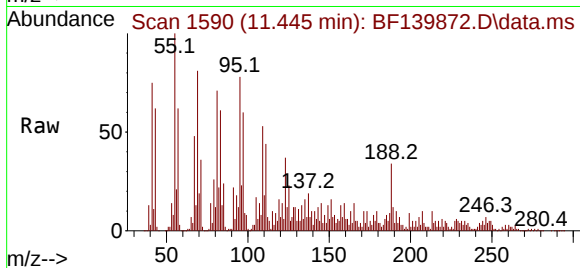
Tgt Ion:188 Resp: 226931

Ion Ratio Lower Upper

188 100

94 35.1 7.9 11.9#

80 34.3 9.0 13.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.024 min

Lab File: BF139872.D

Acq: 19 Oct 2024 15:27

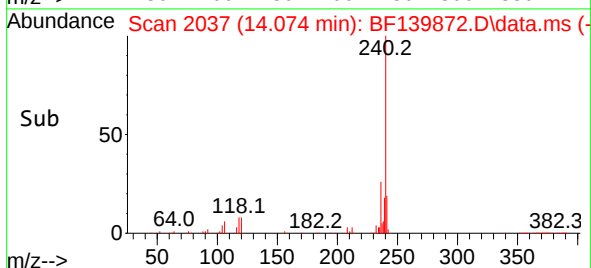
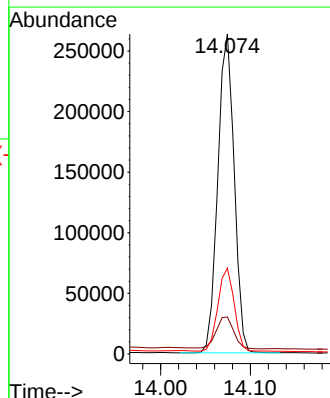
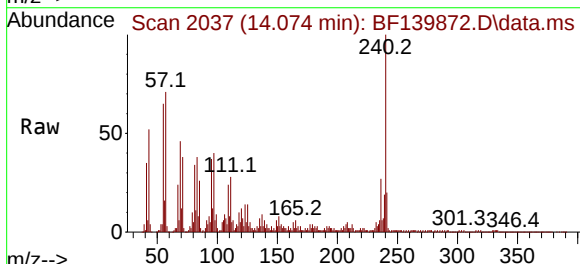
Tgt Ion:240 Resp: 333883

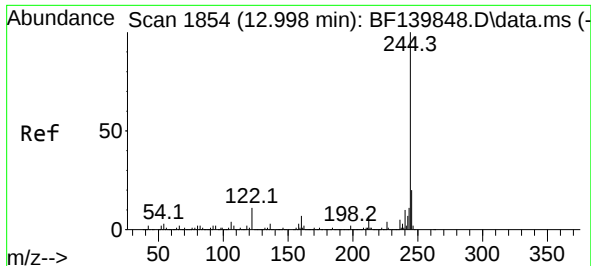
Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 26.8 20.9 31.3

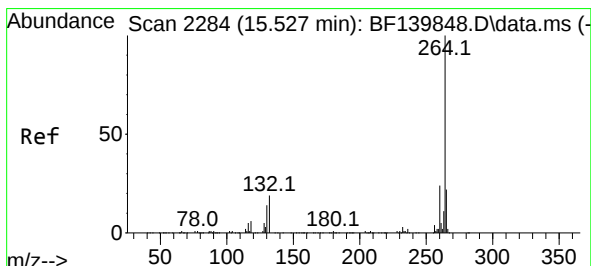
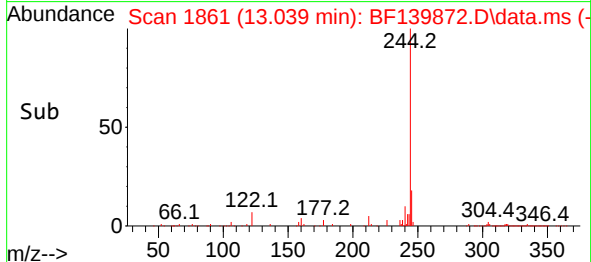
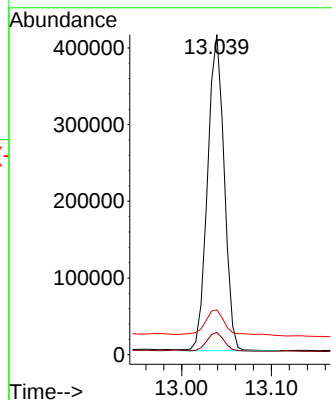
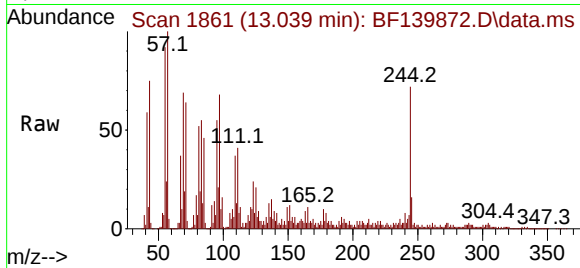




#79
 Terphenyl-d14
 Concen: 25.809 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.041 min
 Lab File: BF139872.D
 Acq: 19 Oct 2024 15:27

Instrument :
 BNA_F
 ClientSampleId :
 TRANSFORMER-PAD

Tgt Ion:244 Resp: 528833
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 14.0 8.6 13.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BF139872.D
 Acq: 19 Oct 2024 15:27

Tgt Ion:264 Resp: 363697
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.9 17.4 26.0

