

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136373.D
 Acq On : 02 Dec 2023 11:29
 Operator : CG\JU
 Sample : 05434-09
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: Dec 03 07:25:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	93311	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	293543	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	127145	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	261651	20.000	ng	0.00
76) Chrysene-d12	13.986	240	226679	20.000	ng	0.00
86) Perylene-d12	15.468	264	155405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	164661	24.561	ng	0.00
7) Phenol-d6	6.434	99	167414	19.972	ng	-0.01
23) Nitrobenzene-d5	7.363	82	93662	16.861	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	37662	24.228	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	163672	16.443	ng	-0.01
79) Terphenyl-d14	12.927	244	234478	11.932	ng	0.00

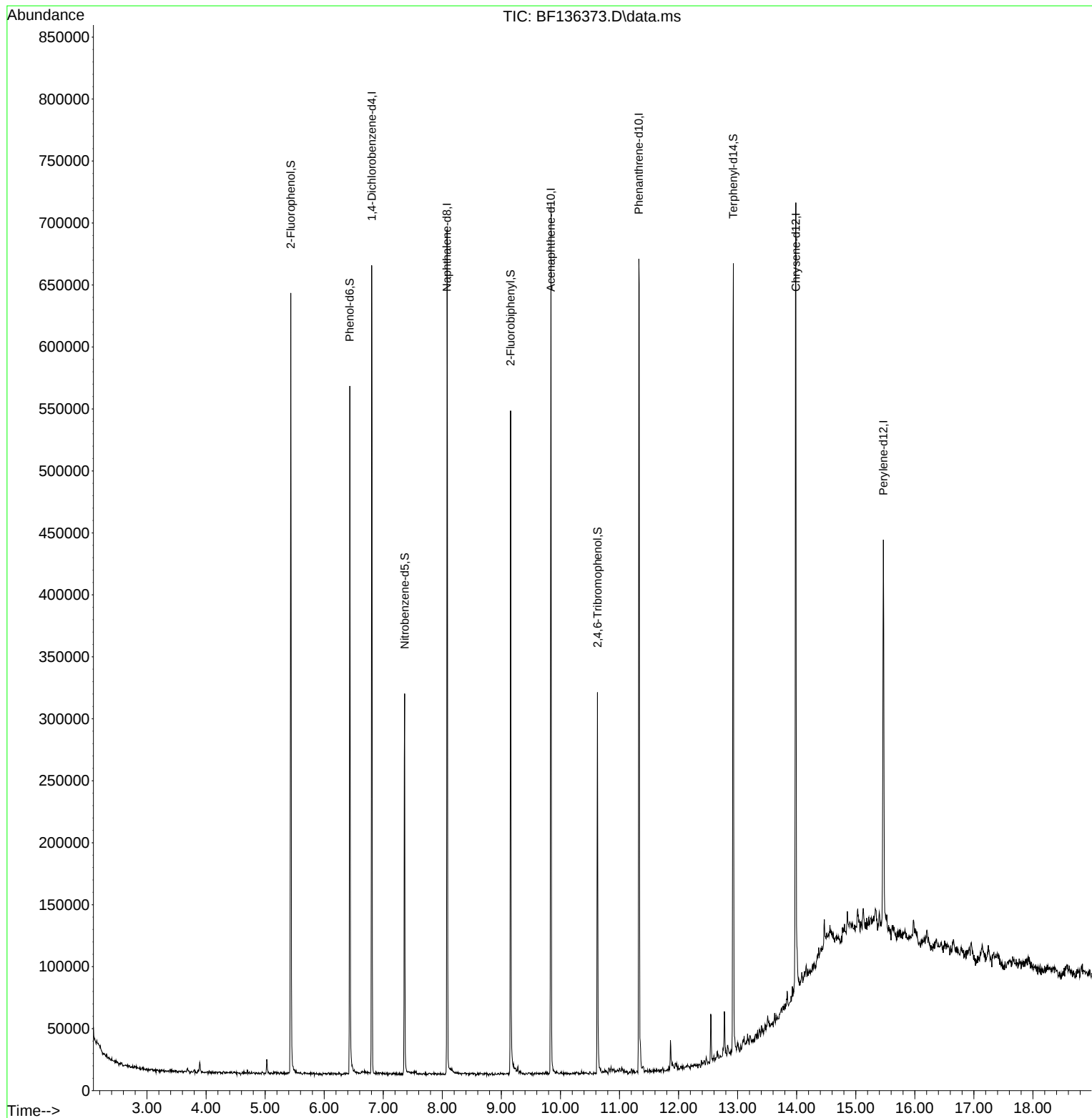
Target Compounds	Qvalue

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

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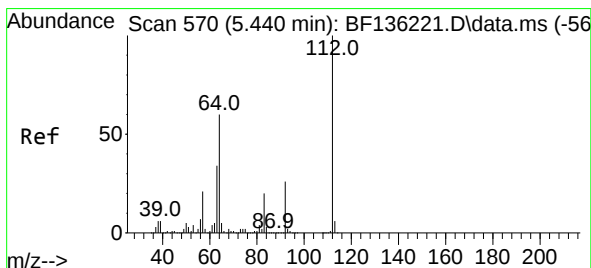
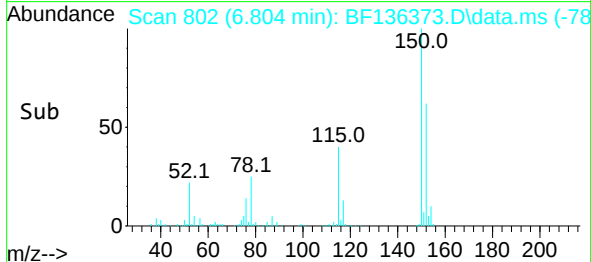
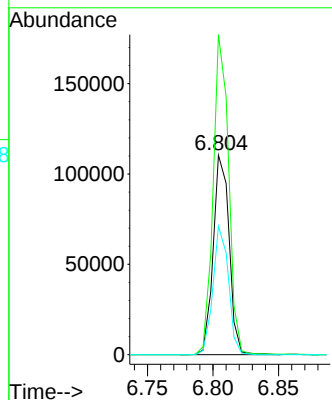
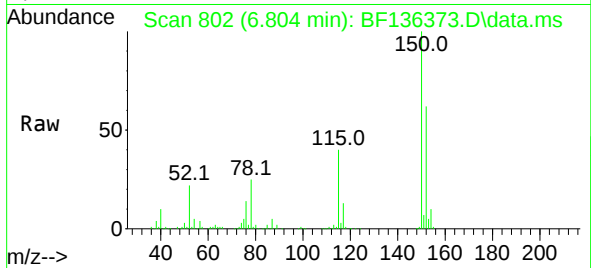




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

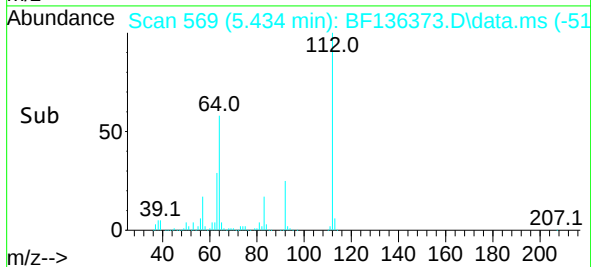
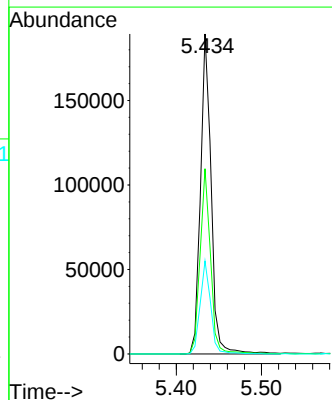
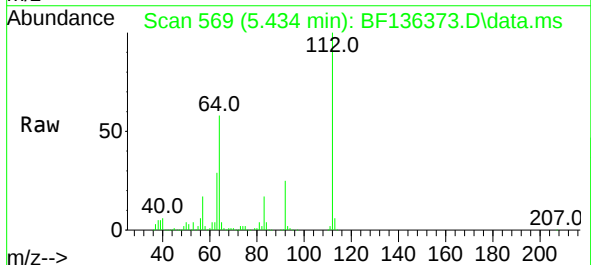
Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion:152 Resp: 93311
Ion Ratio Lower Upper
152 100
150 160.3 137.8 206.8
115 64.4 52.7 79.1



#5
2-Fluorophenol
Concen: 24.561 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion:112 Resp: 164661
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.4
63 29.1 27.0 40.6

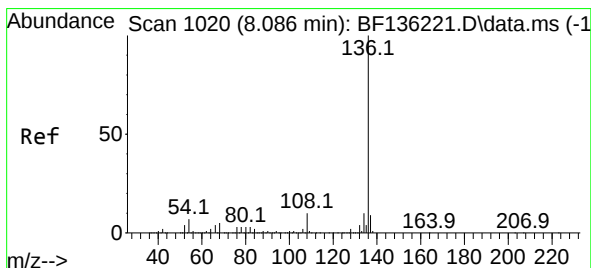
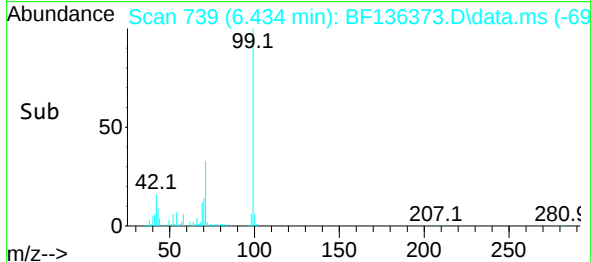
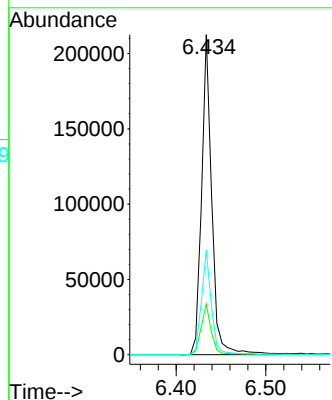
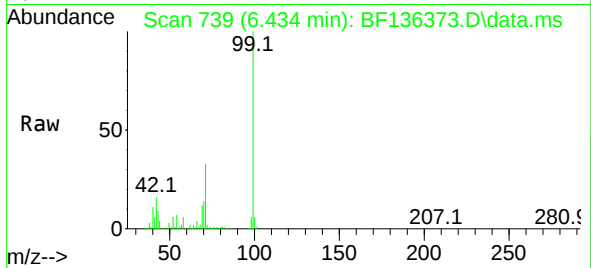




#7
Phenol-d6
Concen: 19.972 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

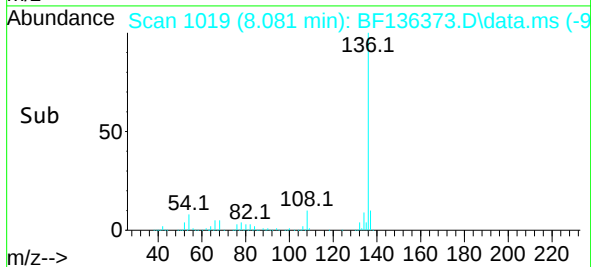
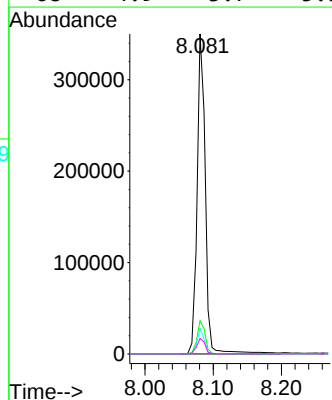
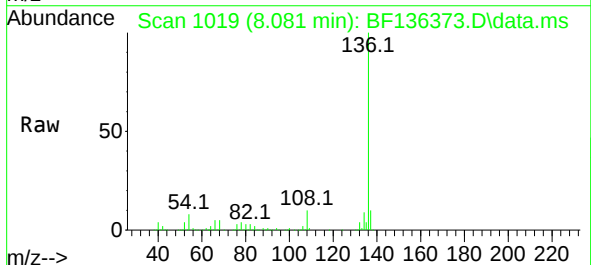
Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion: 99 Resp: 167414
Ion Ratio Lower Upper
99 100
42 15.8 15.0 22.6
71 32.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion: 136 Resp: 293543
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 8.0 5.5 8.3
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 16.861 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

Instrument :

BNA_F

ClientSampleId :

COMP-5

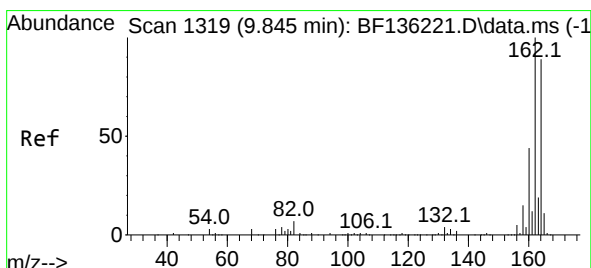
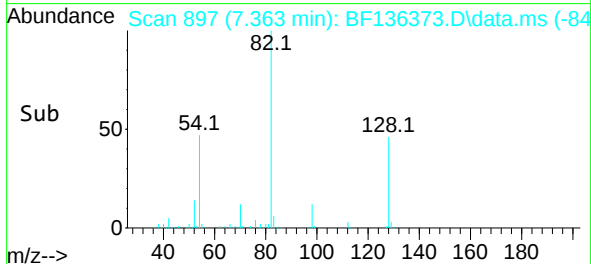
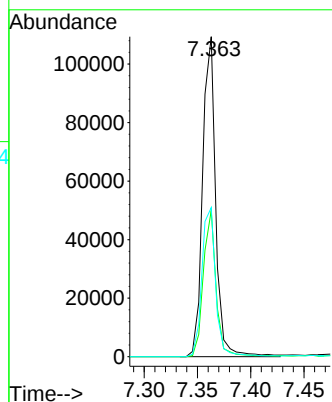
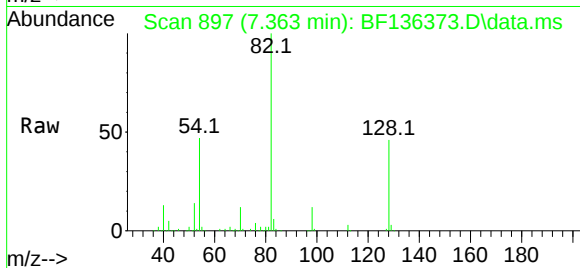
Tgt Ion: 82 Resp: 93662

Ion Ratio Lower Upper

82 100

128 45.7 33.4 50.2

54 46.6 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

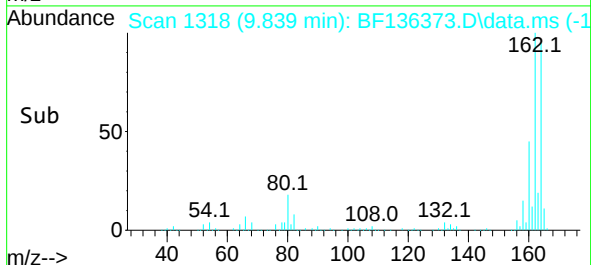
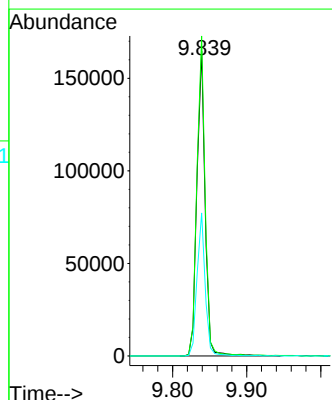
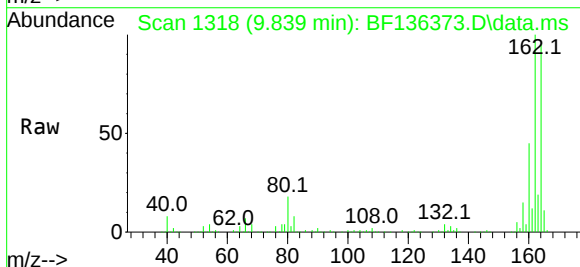
Tgt Ion:164 Resp: 127145

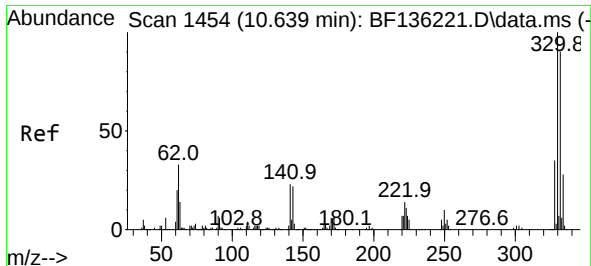
Ion Ratio Lower Upper

164 100

162 104.9 89.5 134.3

160 46.9 39.6 59.4

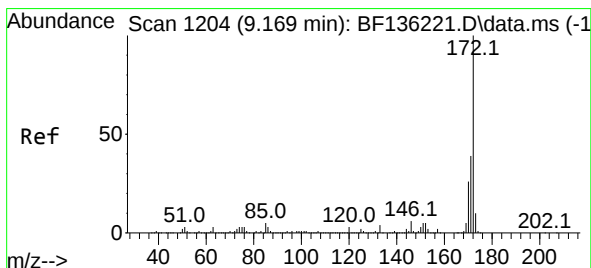
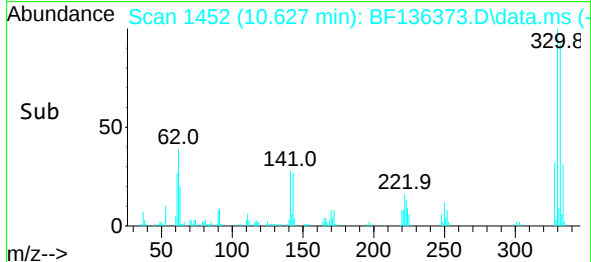
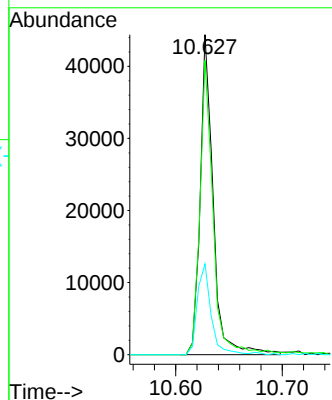
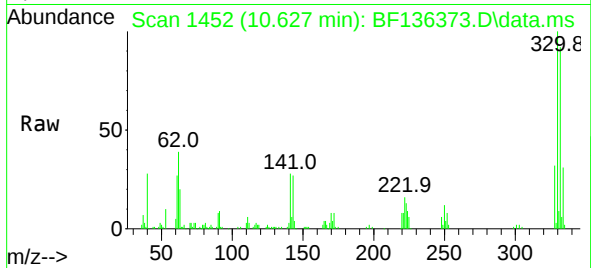




#42
2,4,6-Tribromophenol
Concen: 24.228 ng
RT: 10.627 min Scan# 1454
Delta R.T. -0.012 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

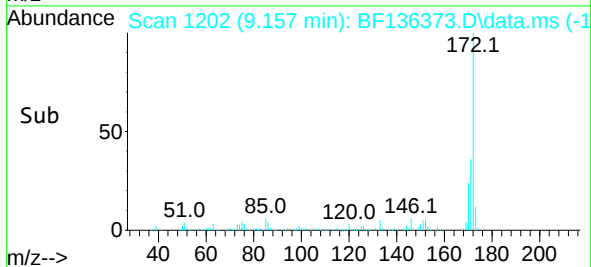
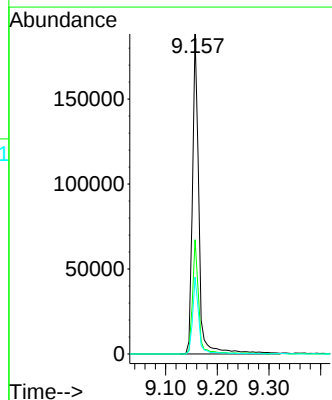
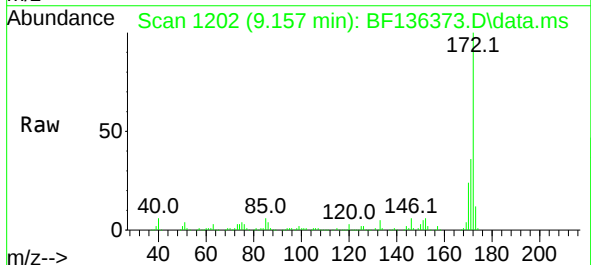
Instrument :
BNA_F
ClientSampleId :
COMP-5

Tgt Ion: 330 Resp: 37662
Ion Ratio Lower Upper
330 100
332 93.4 73.0 109.6
141 30.0 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 16.443 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.012 min
Lab File: BF136373.D
Acq: 02 Dec 2023 11:29

Tgt Ion: 172 Resp: 163672
Ion Ratio Lower Upper
172 100
171 35.7 31.5 47.3
170 24.0 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

Instrument :

BNA_F

ClientSampleId :

COMP-5

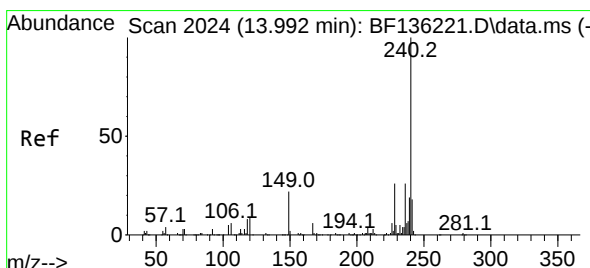
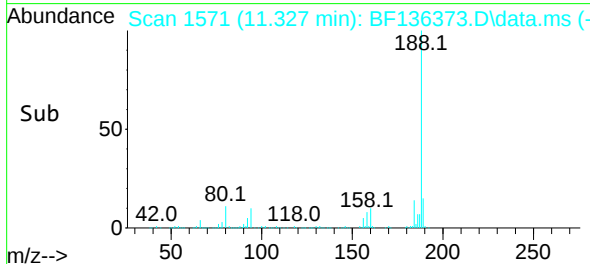
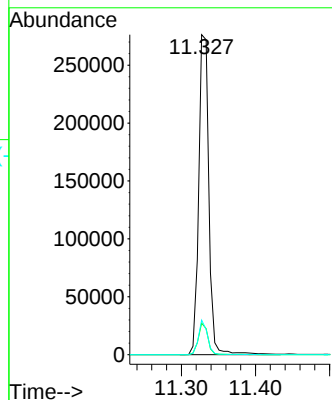
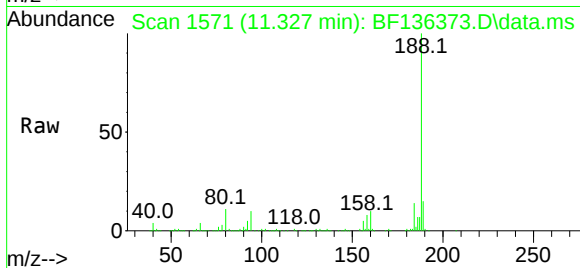
Tgt Ion:188 Resp: 261651

Ion Ratio Lower Upper

188 100

94 9.8 6.7 10.1

80 10.8 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF136373.D

Acq: 02 Dec 2023 11:29

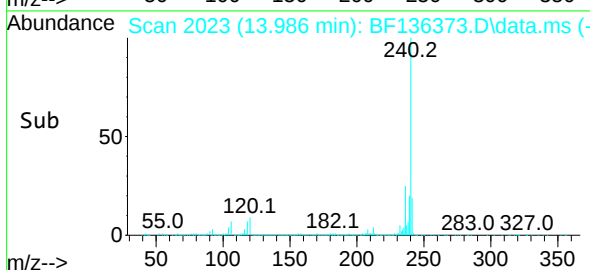
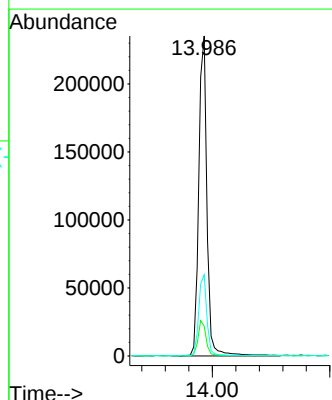
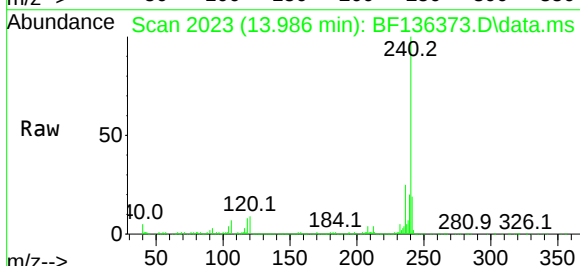
Tgt Ion:240 Resp: 226679

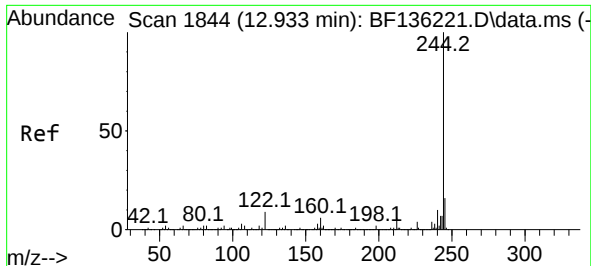
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.2

236 25.4 21.1 31.7

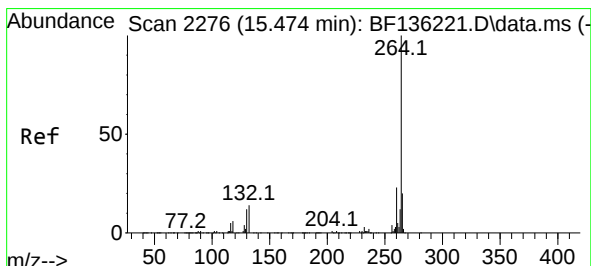
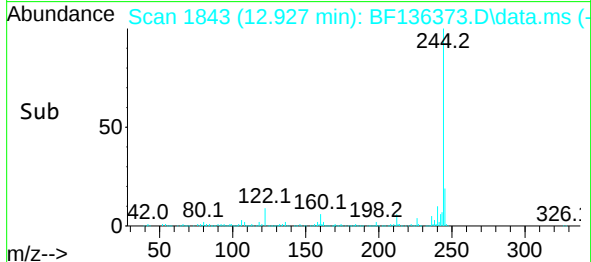
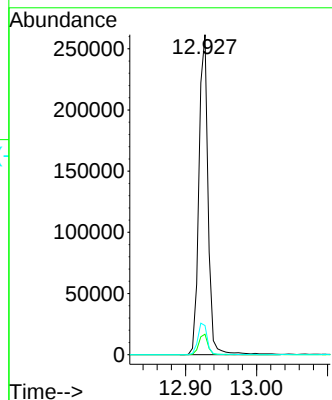
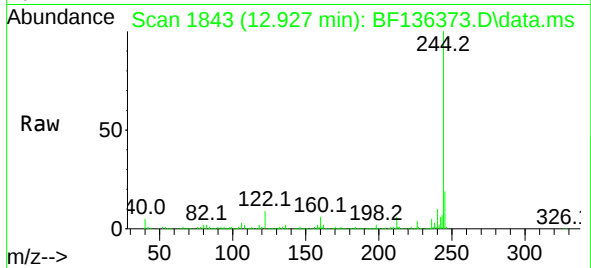




#79
 Terphenyl-d14
 Concen: 11.932 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136373.D
 Acq: 02 Dec 2023 11:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Tgt Ion:244 Resp: 234478
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.6 7.0
 122 9.1 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136373.D
 Acq: 02 Dec 2023 11:29

Tgt Ion:264 Resp: 155405
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 20.6 15.7 23.5

