

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136372.D
 Acq On : 02 Dec 2023 10:59
 Operator : CG\JU
 Sample : 05434-15
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Quant Time: Dec 03 07:25:20 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	106853	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	339548	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	137782	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	266622	20.000	ng	0.00
76) Chrysene-d12	13.986	240	229126	20.000	ng	0.00
86) Perylene-d12	15.468	264	162004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	844375	109.987	ng	0.01
7) Phenol-d6	6.445	99	927098	96.581	ng	0.00
23) Nitrobenzene-d5	7.369	82	542469	84.424	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	202242	120.061	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	909579	84.322	ng	0.00
79) Terphenyl-d14	12.927	244	1179591	59.384	ng	0.00

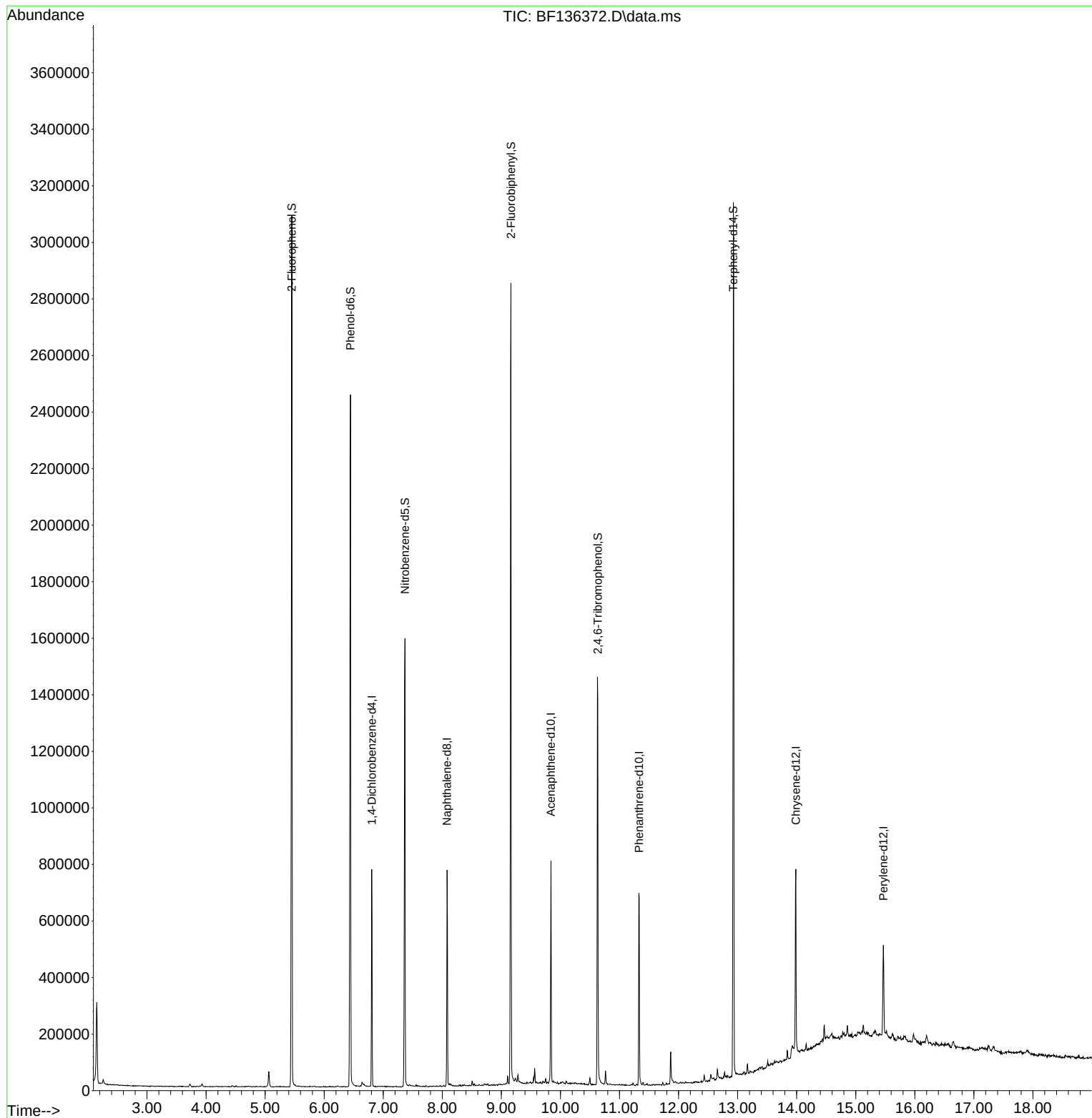
Target Compounds	Qvalue

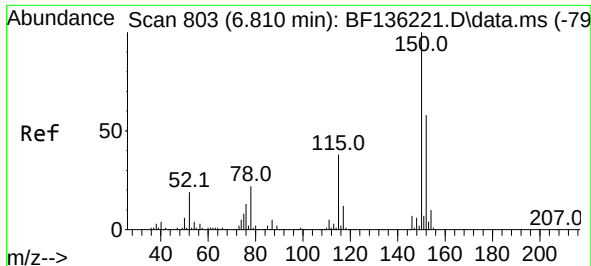
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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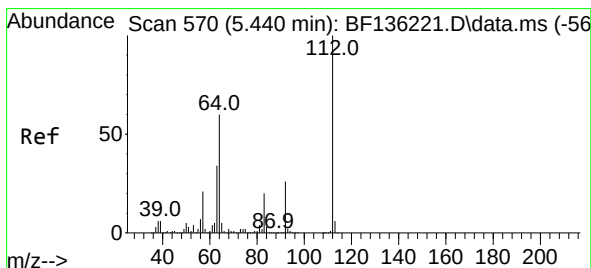
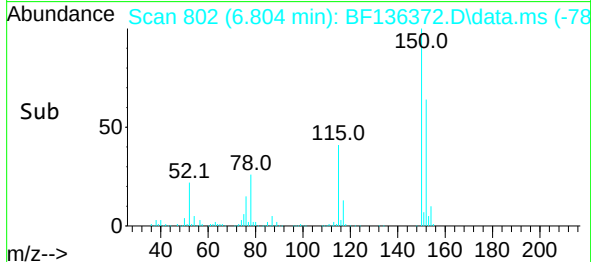
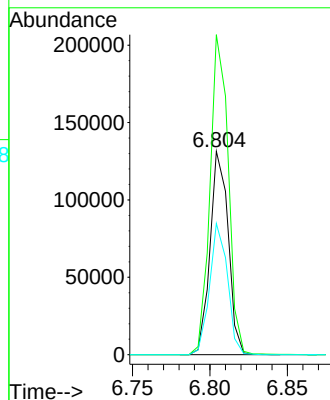
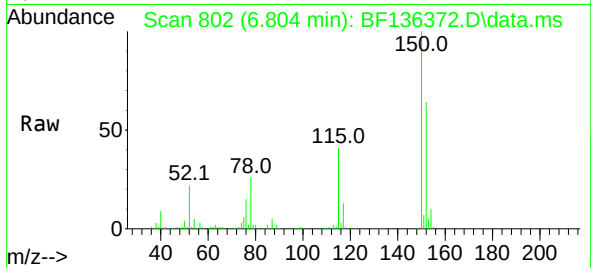




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

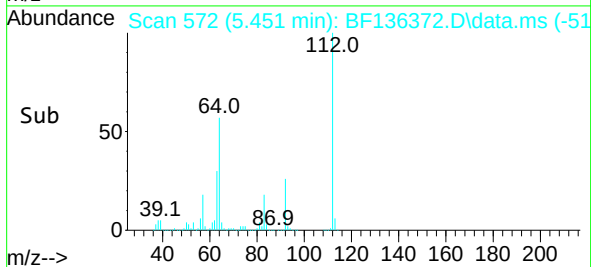
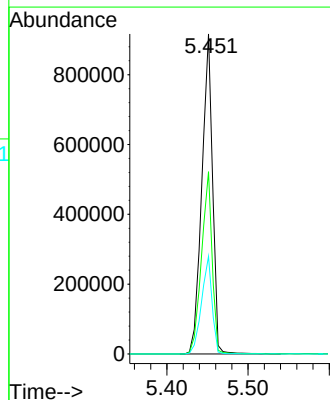
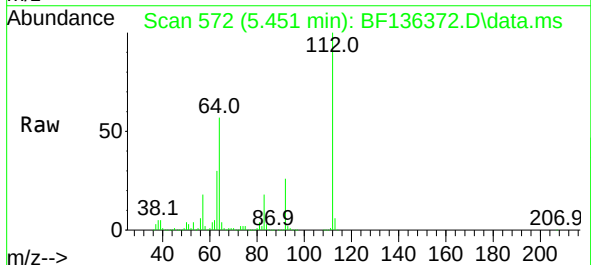
Instrument :
BNA_F
ClientSampleId :
COMP-8

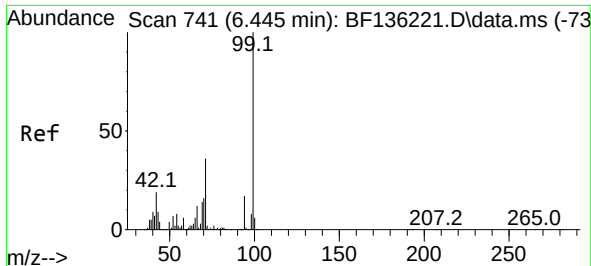
Tgt Ion:152 Resp: 106853
Ion Ratio Lower Upper
152 100
150 157.4 137.8 206.8
115 64.6 52.7 79.1



#5
2-Fluorophenol
Concen: 109.987 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion:112 Resp: 844375
Ion Ratio Lower Upper
112 100
64 56.9 48.2 72.4
63 30.5 27.0 40.6

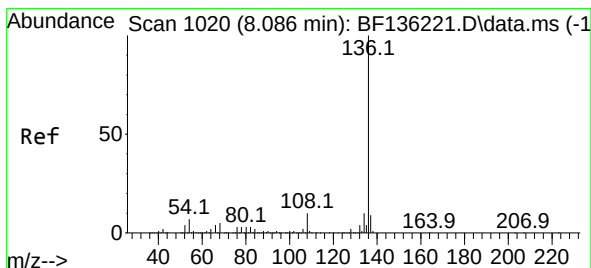
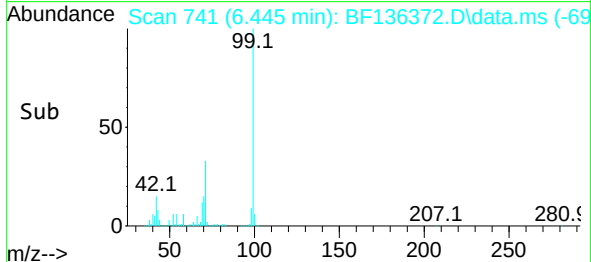
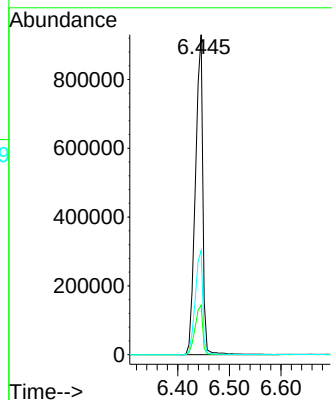
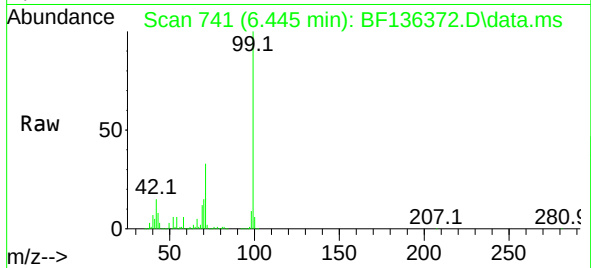




#7
Phenol-d6
Concen: 96.581 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

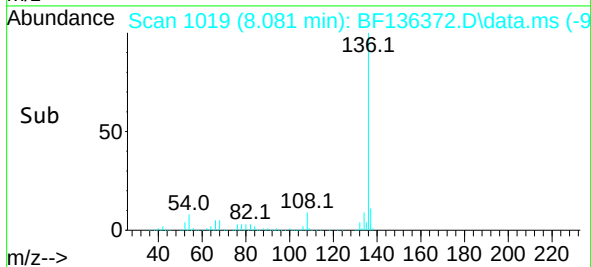
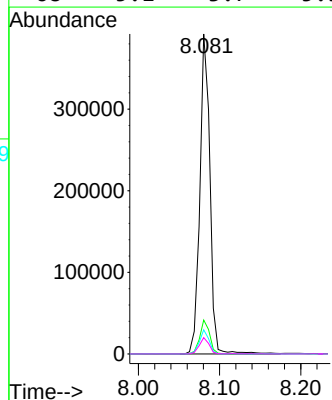
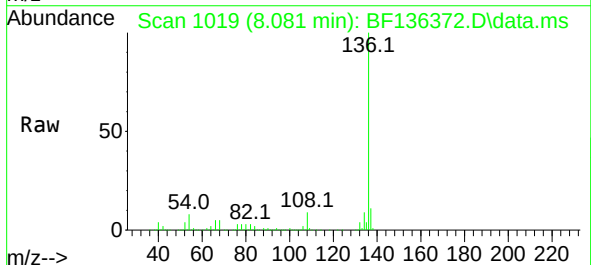
Instrument :
BNA_F
ClientSampleId :
COMP-8

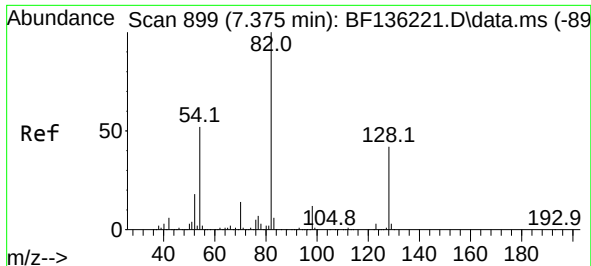
Tgt Ion: 99 Resp: 927098
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.6
71 32.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion: 136 Resp: 339548
Ion Ratio Lower Upper
136 100
137 10.6 7.4 11.2
54 7.6 5.5 8.3
68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 84.424 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Instrument :

BNA_F

ClientSampleId :

COMP-8

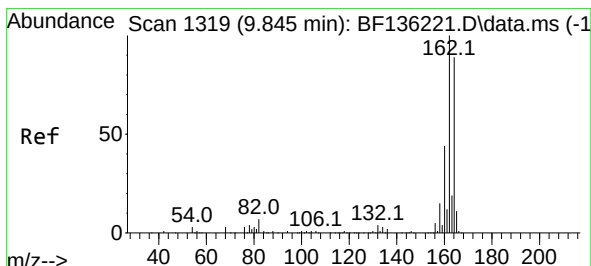
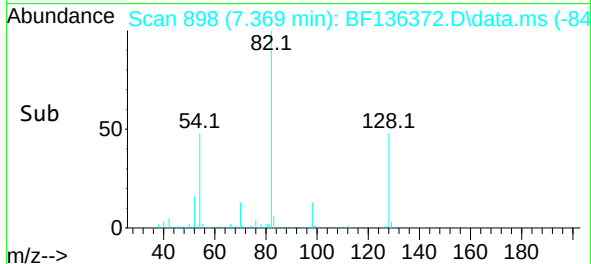
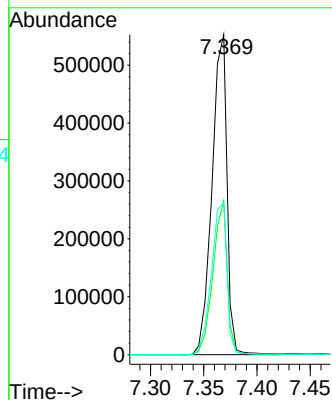
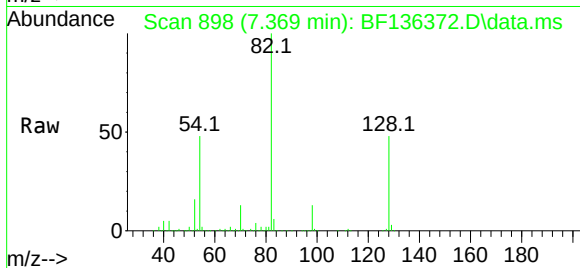
Tgt Ion: 82 Resp: 542469

Ion Ratio Lower Upper

82 100

128 48.1 33.4 50.2

54 47.7 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: BF136372.D

Acq: 02 Dec 2023 10:59

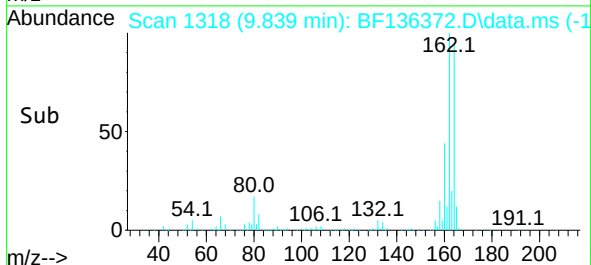
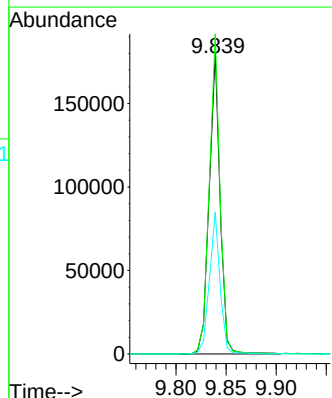
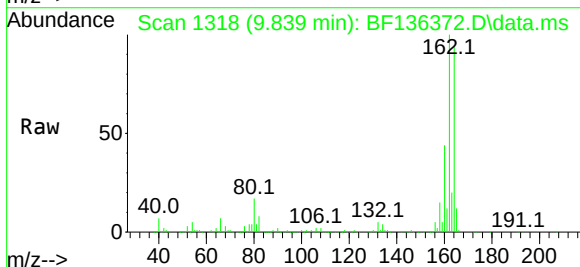
Tgt Ion: 164 Resp: 137782

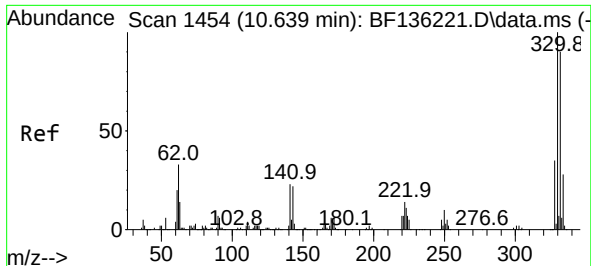
Ion Ratio Lower Upper

164 100

162 106.1 89.5 134.3

160 47.1 39.6 59.4

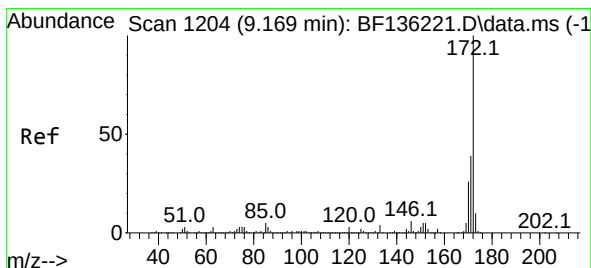
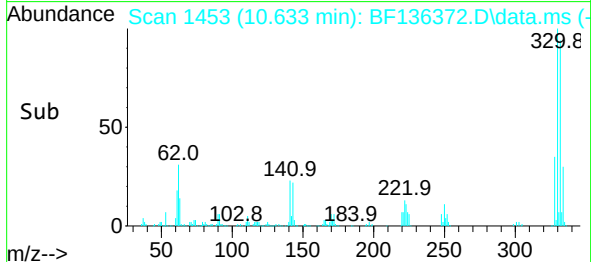
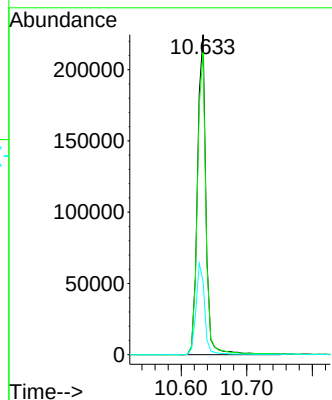
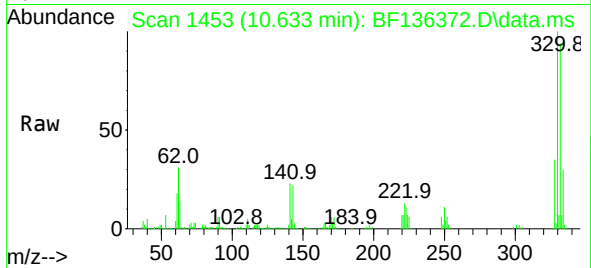




#42
2,4,6-Tribromophenol
Concen: 120.061 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

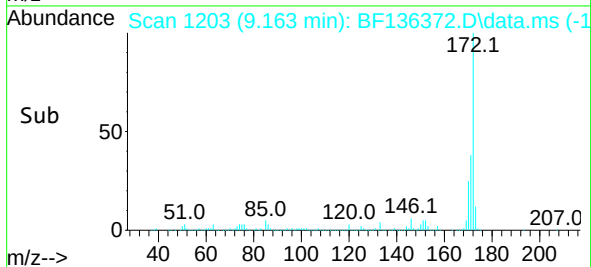
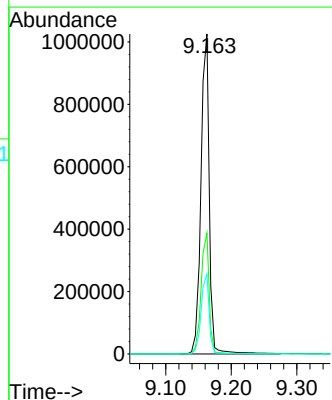
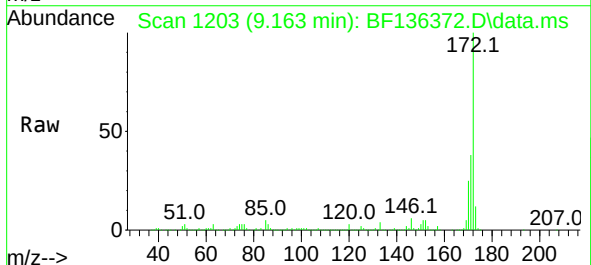
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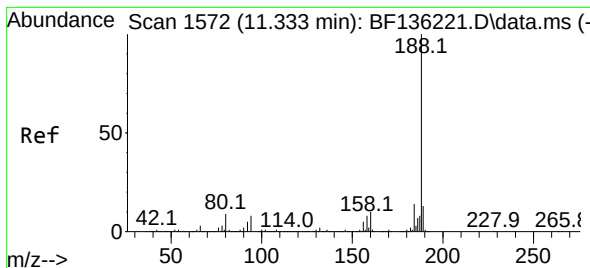
Tgt Ion:330 Resp: 202242
Ion Ratio Lower Upper
330 100
332 96.0 73.0 109.6
141 29.3 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 84.322 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136372.D
Acq: 02 Dec 2023 10:59

Tgt Ion:172 Resp: 909579
Ion Ratio Lower Upper
172 100
171 37.8 31.5 47.3
170 25.0 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136372.D

Acq: 02 Dec 2023 10:59

Instrument :

BNA_F

ClientSampleId :

COMP-8

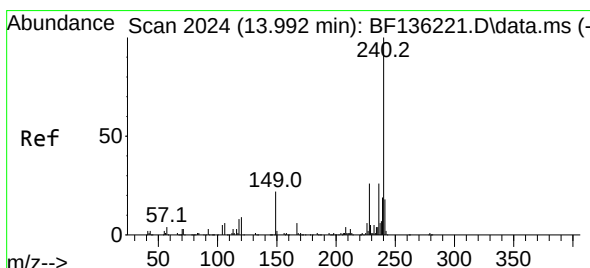
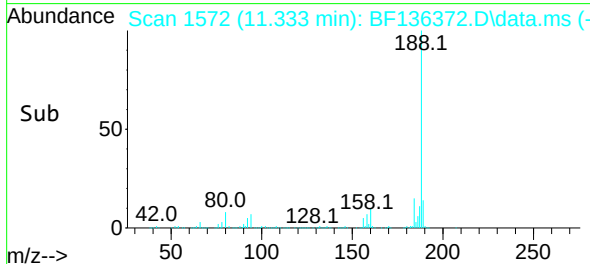
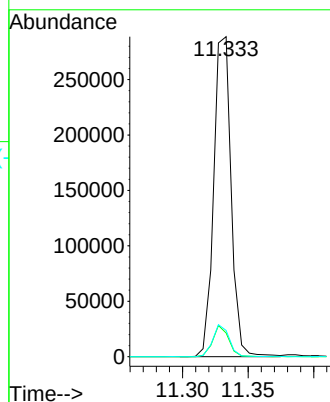
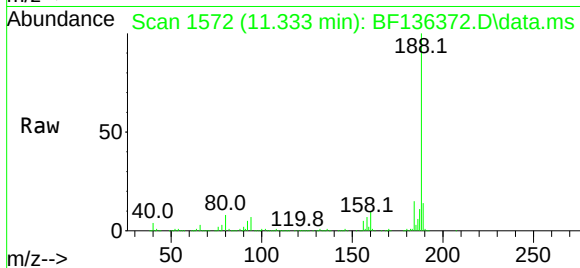
Tgt Ion:188 Resp: 266622

Ion Ratio Lower Upper

188 100

94 7.4 6.7 10.1

80 8.2 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: BF136372.D

Acq: 02 Dec 2023 10:59

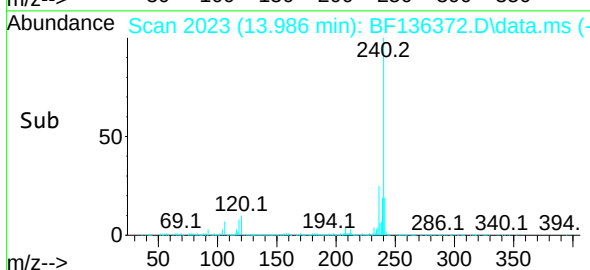
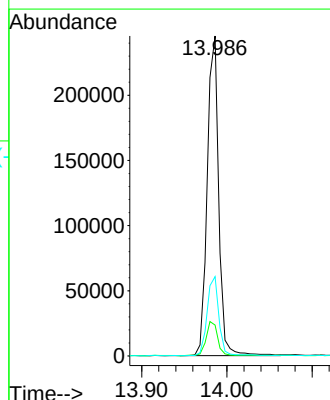
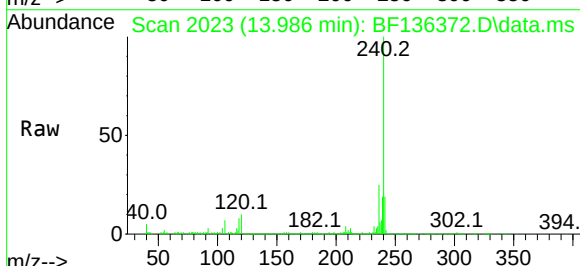
Tgt Ion:240 Resp: 229126

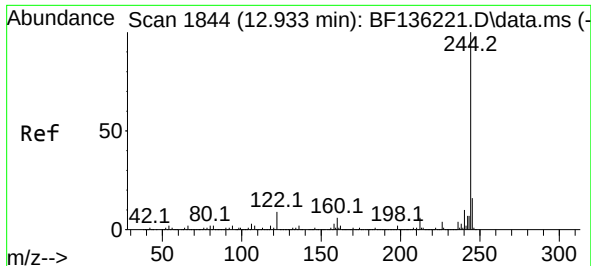
Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.2

236 24.8 21.1 31.7

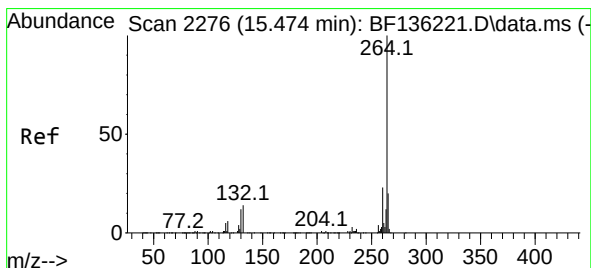
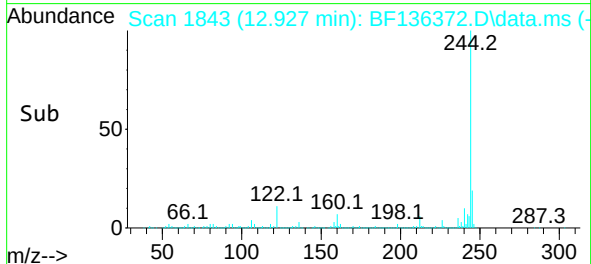
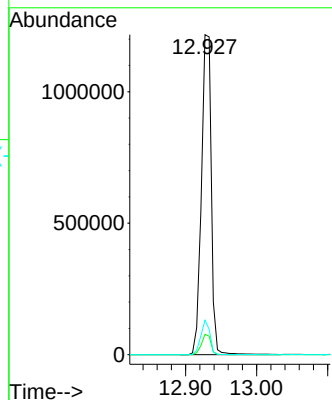
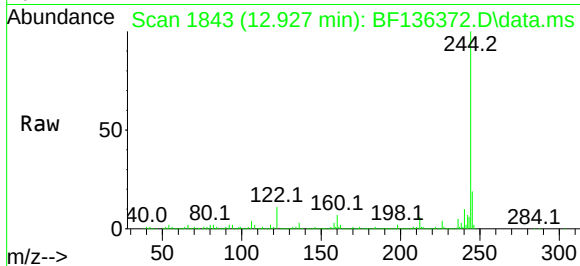




#79
 Terphenyl-d14
 Concen: 59.384 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136372.D
 Acq: 02 Dec 2023 10:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Tgt Ion:244 Resp: 1179591
 Ion Ratio Lower Upper
 244 100
 212 6.4 4.6 7.0
 122 10.8 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: BF136372.D
 Acq: 02 Dec 2023 10:59

Tgt Ion:264 Resp: 162004
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.9 15.7 23.5

