

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136210.D
 Acq On : 25 Nov 2023 08:13
 Operator : CG\JU
 Sample : 05418-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-3

Quant Time: Nov 27 02:20:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	136072	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	572724	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	290028	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	524443	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	270873	20.000	ng	0.00
86) Perylene-d12	15.462	264	265661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1033684	120.956	ng	0.02
7) Phenol-d6	6.439	99	1114014	105.935	ng	0.00
23) Nitrobenzene-d5	7.369	82	895301	87.233	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	396653	130.582	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1843857	93.977	ng	0.00
79) Terphenyl-d14	12.927	244	1909662	100.073	ng	0.00

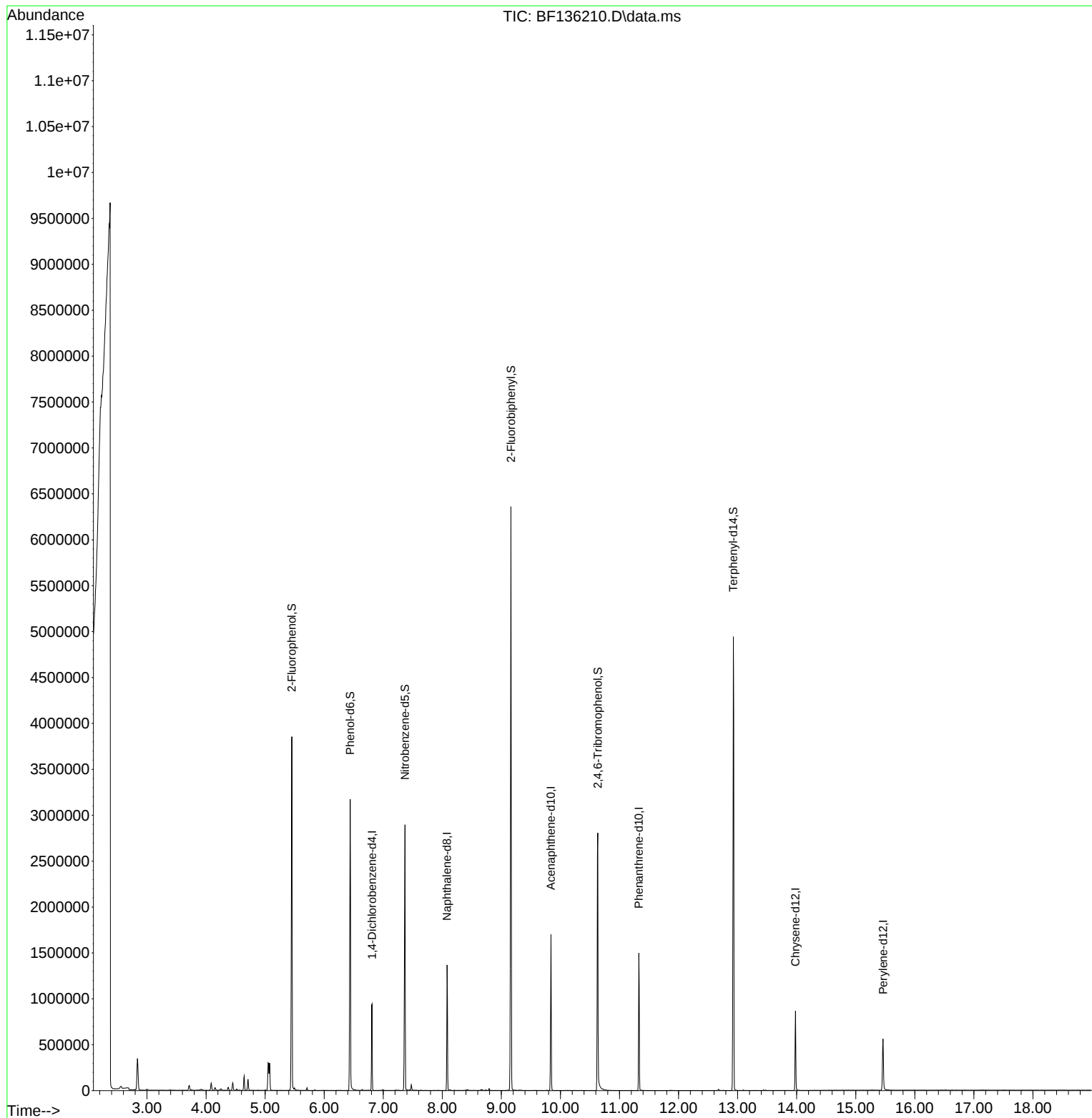
Target Compounds	Qvalue

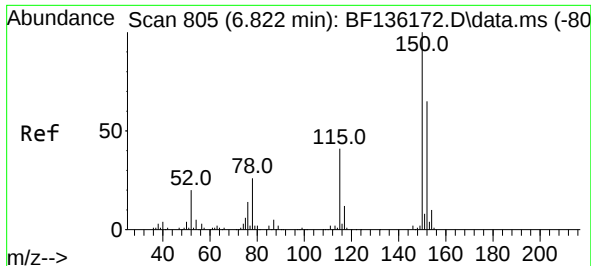
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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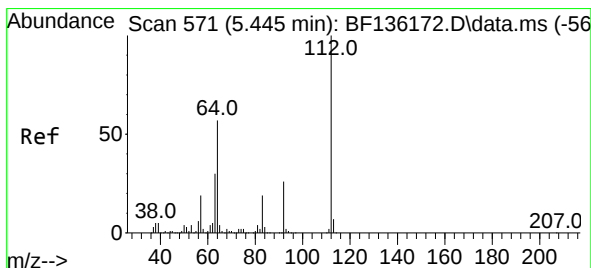
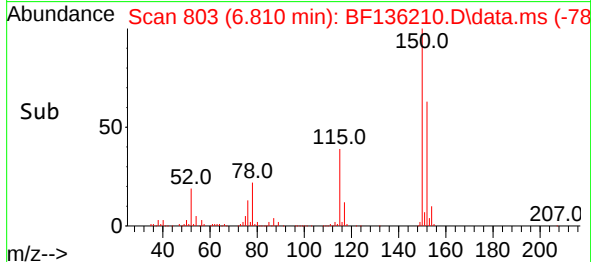
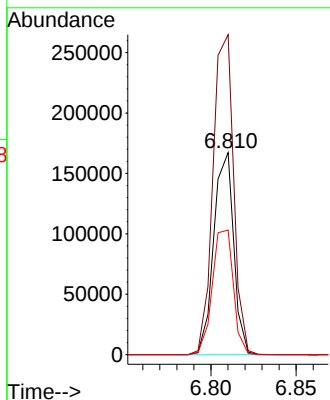
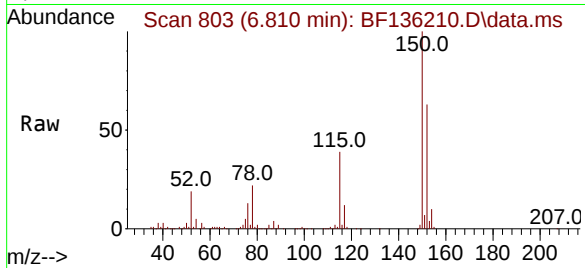




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BF136210.D
 Acq: 25 Nov 2023 08:13

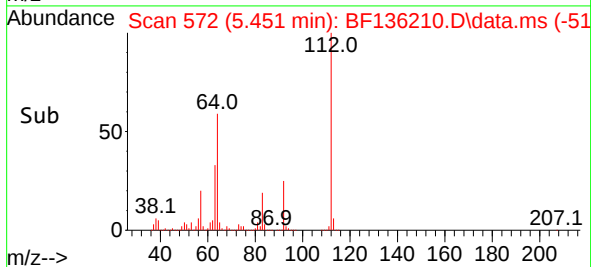
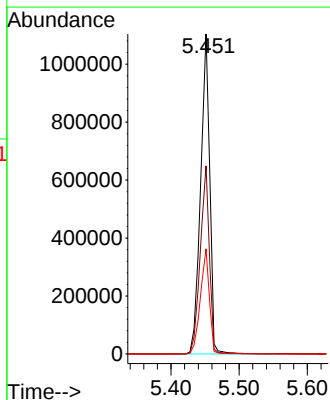
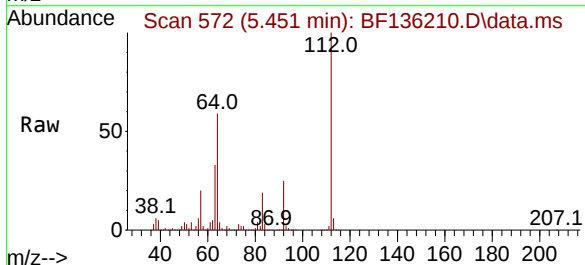
Instrument :
 BNA_F
 ClientSampleId :
 STONE-3

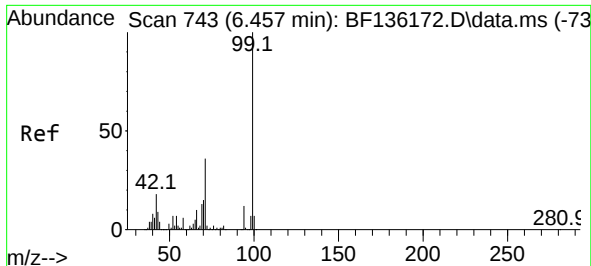
Tgt Ion:152 Resp: 136072
 Ion Ratio Lower Upper
 152 100
 150 158.4 123.1 184.7
 115 61.7 50.5 75.7



#5
 2-Fluorophenol
 Concen: 120.956 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF136210.D
 Acq: 25 Nov 2023 08:13

Tgt Ion:112 Resp: 1033684
 Ion Ratio Lower Upper
 112 100
 64 58.8 45.4 68.0
 63 32.9 24.4 36.6

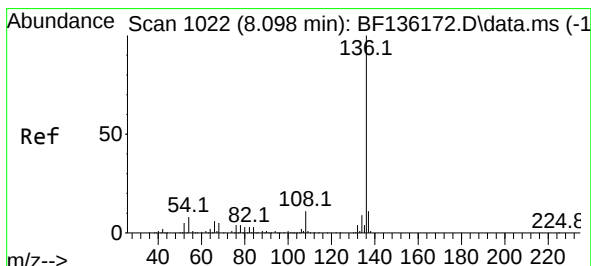
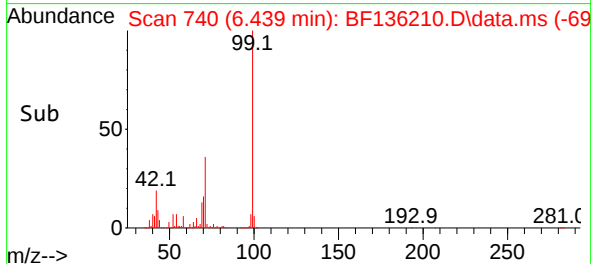
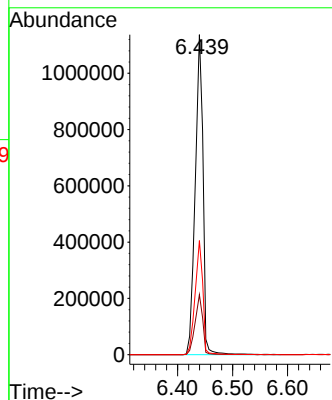
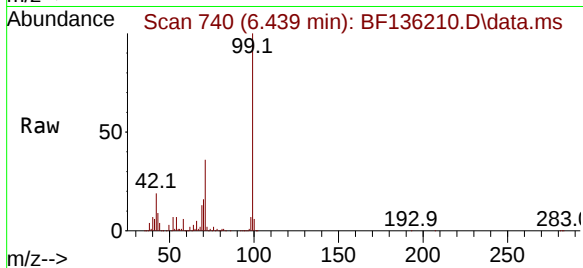




#7
Phenol-d6
Concen: 105.935 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

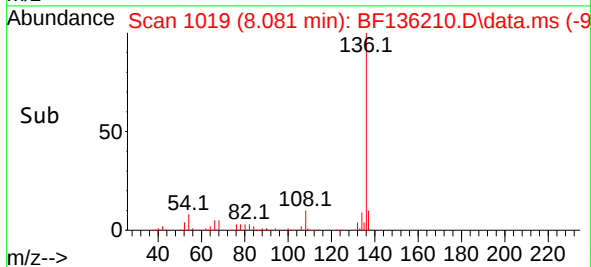
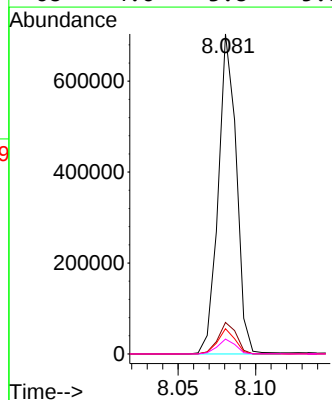
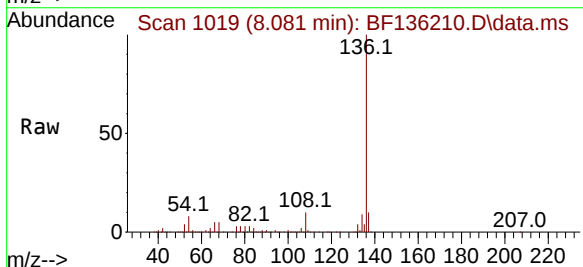
Instrument :
BNA_F
ClientSampleId :
STONE-3

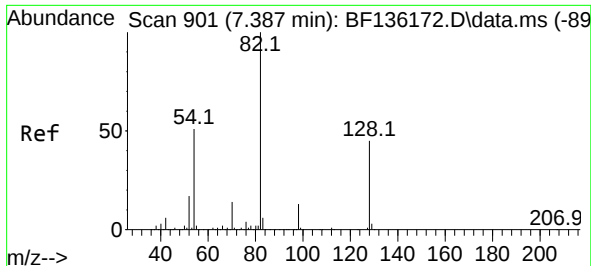
Tgt Ion: 99 Resp: 1114014
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 35.6 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136210.D
Acq: 25 Nov 2023 08:13

Tgt Ion: 136 Resp: 572724
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 7.9 6.3 9.5
68 4.6 3.8 5.8





#23

Nitrobenzene-d5

Concen: 87.233 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

ClientSampleId :

STONE-3

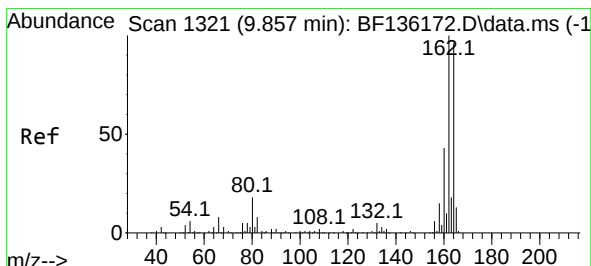
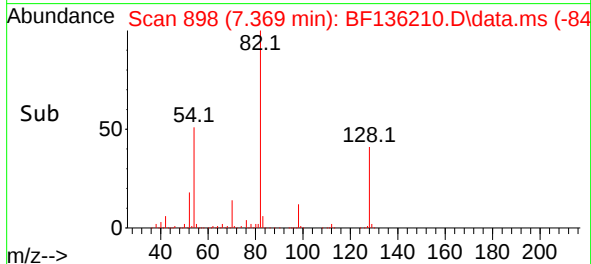
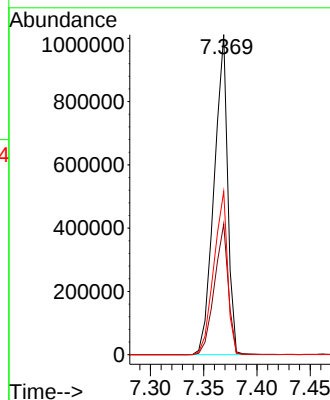
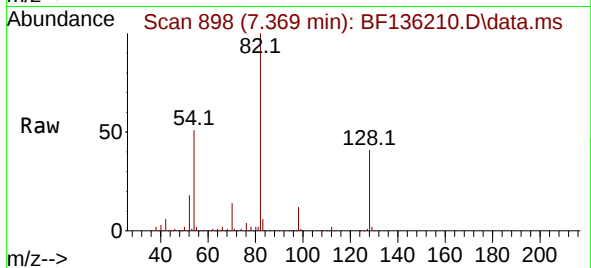
Tgt Ion: 82 Resp: 895301

Ion Ratio Lower Upper

82 100

128 40.8 35.8 53.6

54 51.0 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

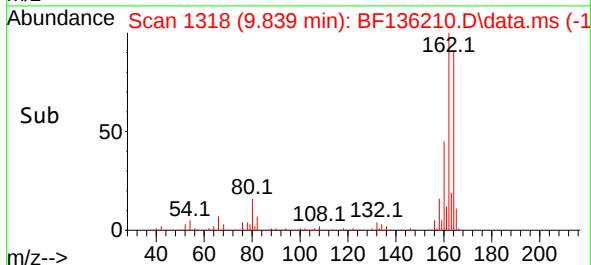
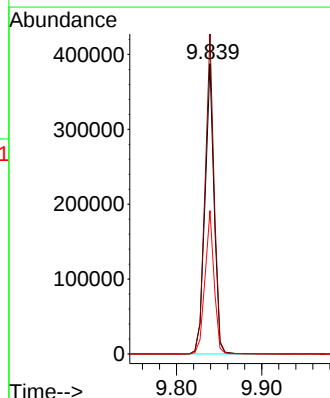
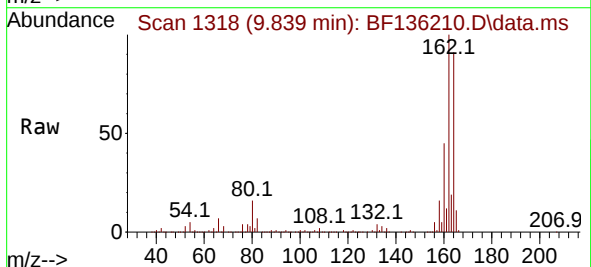
Tgt Ion: 164 Resp: 290028

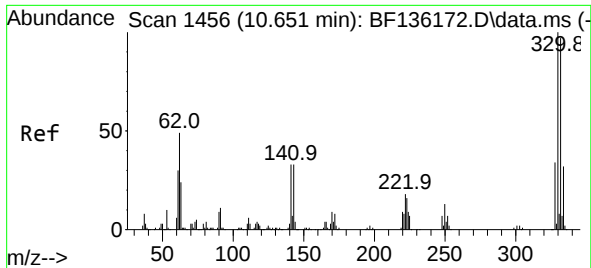
Ion Ratio Lower Upper

164 100

162 110.3 83.2 124.8

160 49.4 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 130.582 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

ClientSampleId :

STONE-3

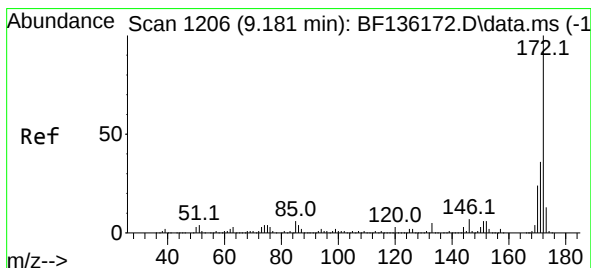
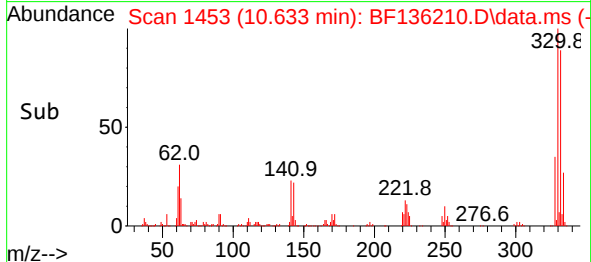
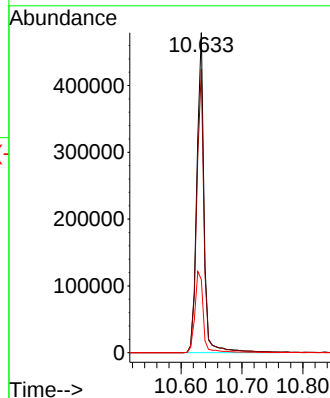
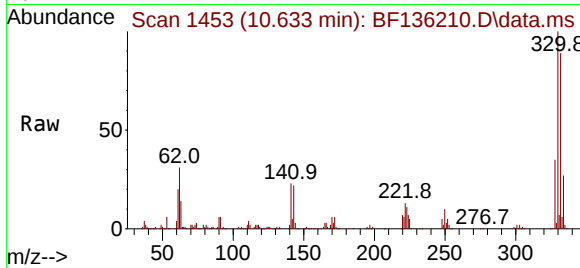
Tgt Ion:330 Resp: 396653

Ion Ratio Lower Upper

330 100

332 91.2 77.6 116.4

141 29.7 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 93.977 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

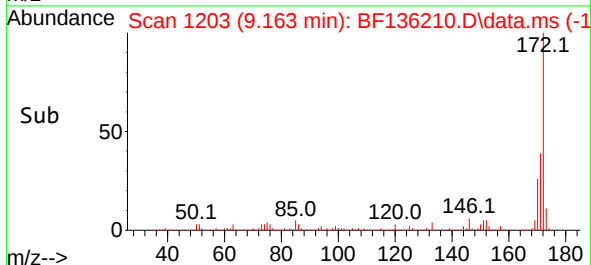
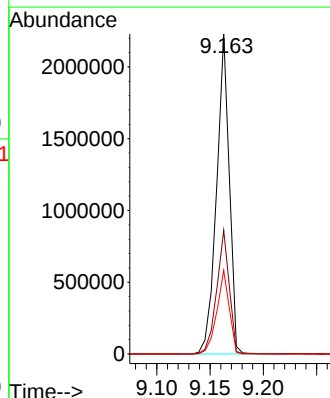
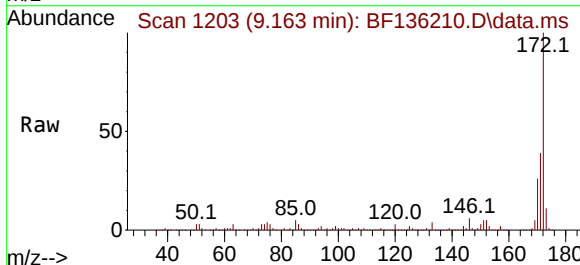
Tgt Ion:172 Resp: 1843857

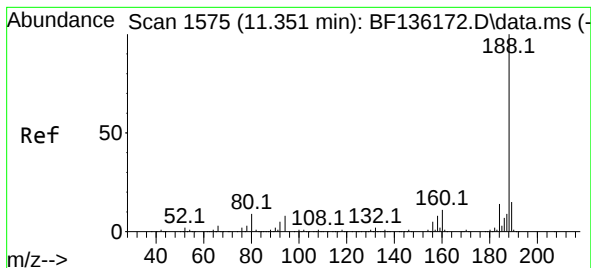
Ion Ratio Lower Upper

172 100

171 38.7 28.9 43.3

170 26.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

Instrument :

BNA_F

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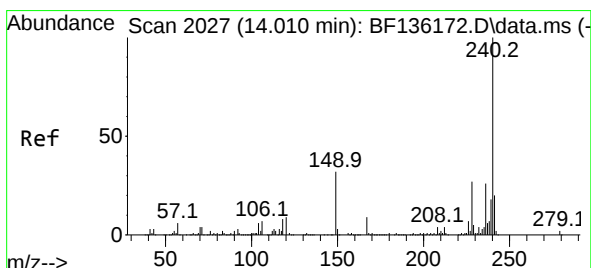
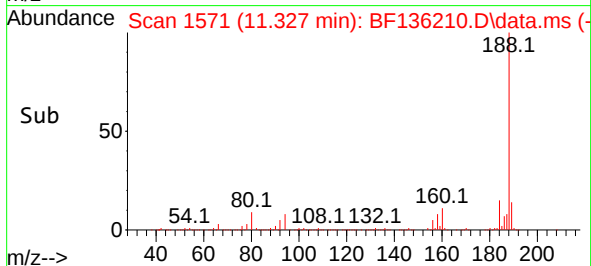
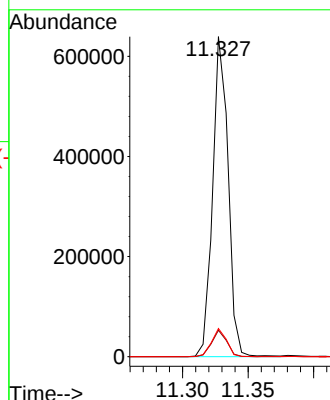
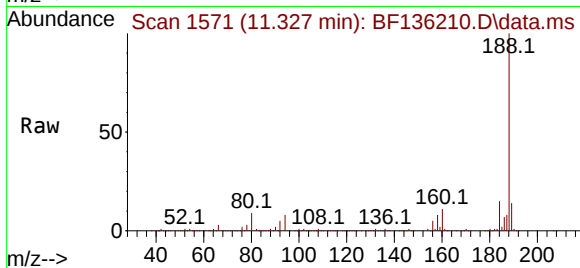
Tgt Ion:188 Resp: 524443

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

80 8.8 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136210.D

Acq: 25 Nov 2023 08:13

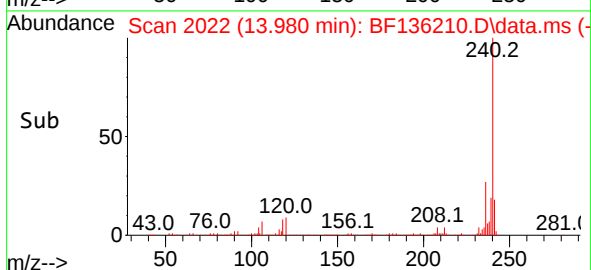
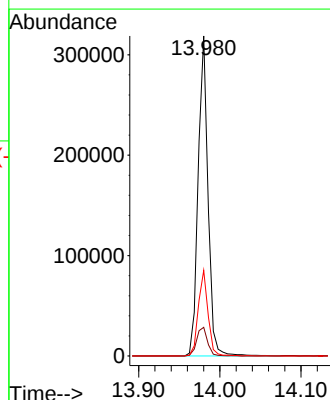
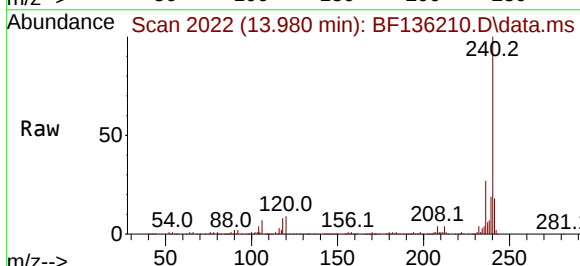
Tgt Ion:240 Resp: 270873

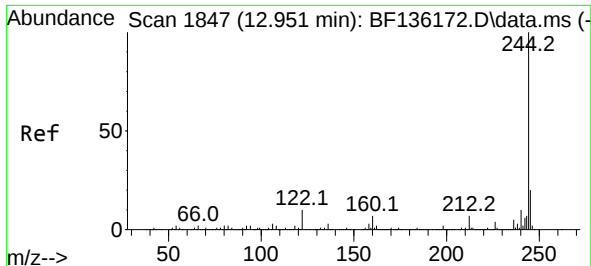
Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

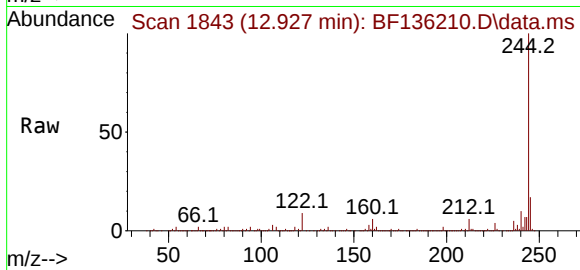
236 26.8 20.9 31.3





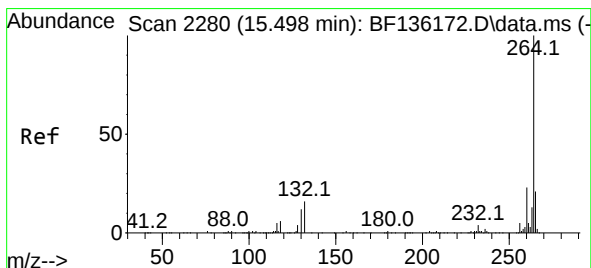
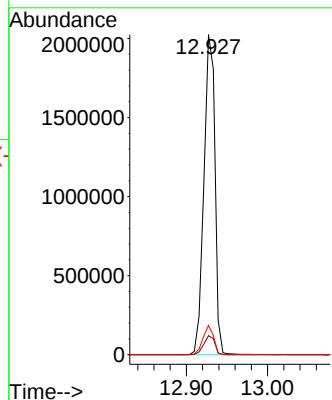
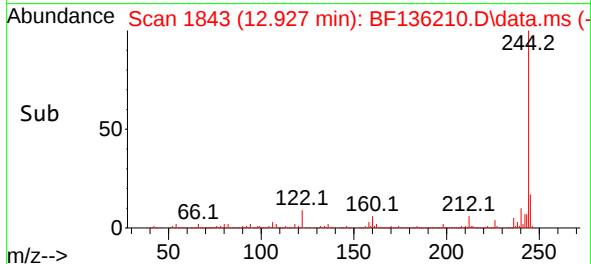
#79
 Terphenyl-d14
 Concen: 100.073 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136210.D
 Acq: 25 Nov 2023 08:13

Instrument :
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 ClientSampleId :
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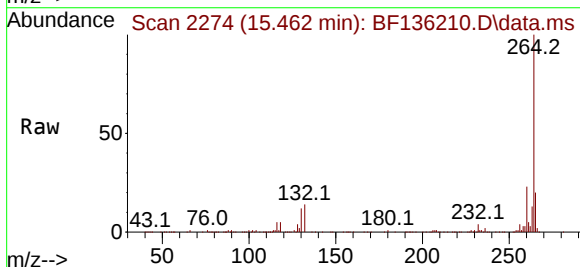


Tgt Ion:244 Resp: 1909662

Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	9.1	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136210.D
 Acq: 25 Nov 2023 08:13



Tgt Ion:264 Resp: 265661

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	20.0	16.9	25.3

