

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136207.D
 Acq On : 25 Nov 2023 06:39
 Operator : CG\JU
 Sample : 05418-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Quant Time: Nov 27 02:19:08 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	6.804	152	142016	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	600070	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	309485	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	569006	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	294946	20.000	ng	0.00
86) Perylene-d12	15.462	264	288923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1100417	123.375	ng	0.02
7) Phenol-d6	6.440	99	1210923	110.331	ng	0.00
23) Nitrobenzene-d5	7.369	82	918558	85.421	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	429465	132.495	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1878814	89.738	ng	0.00
79) Terphenyl-d14	12.927	244	2057819	99.036	ng	0.00

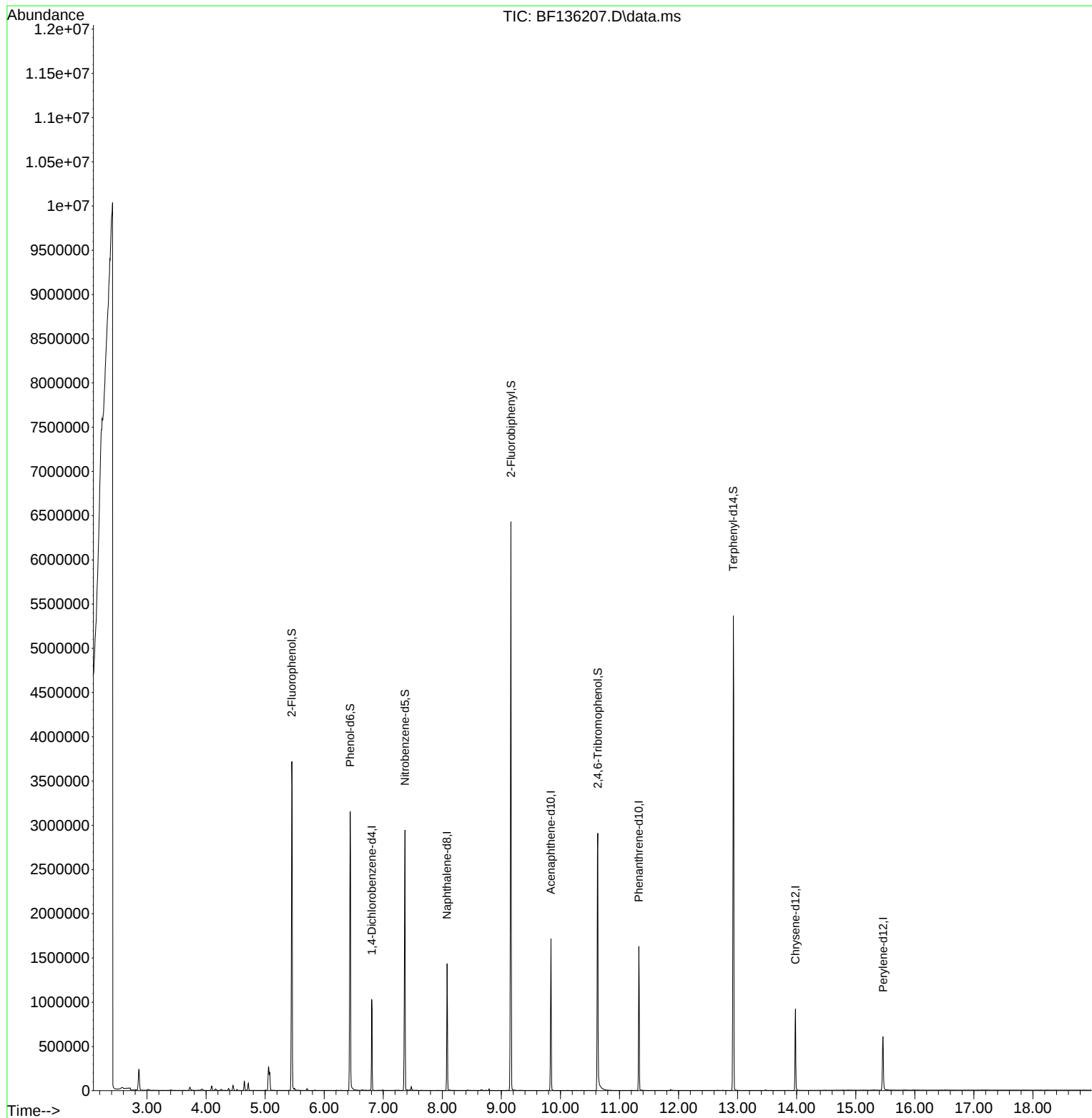
Target Compounds	Qvalue

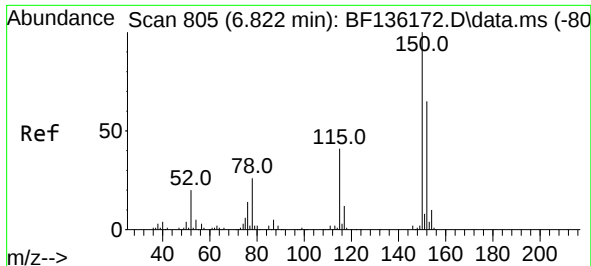
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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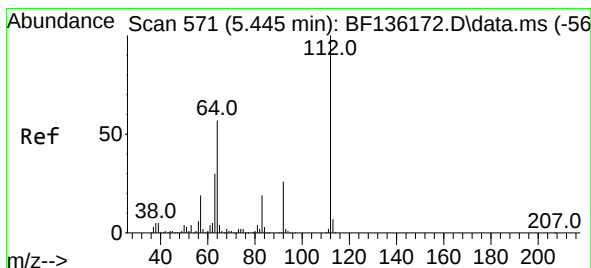
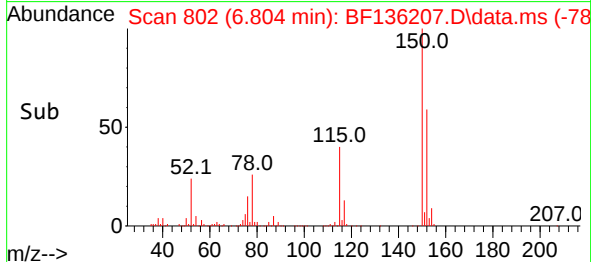
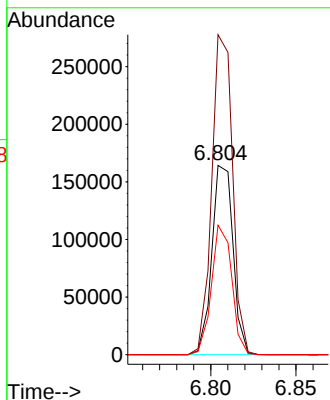
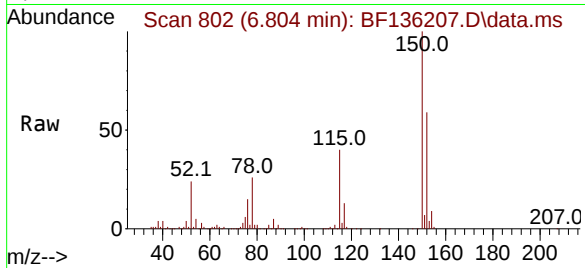




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

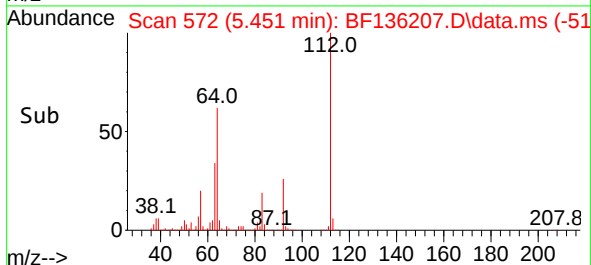
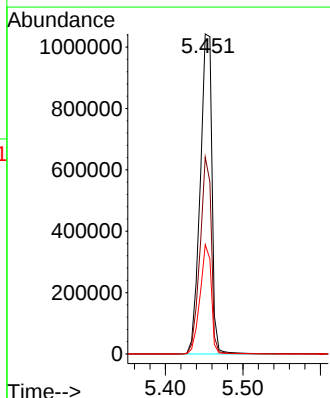
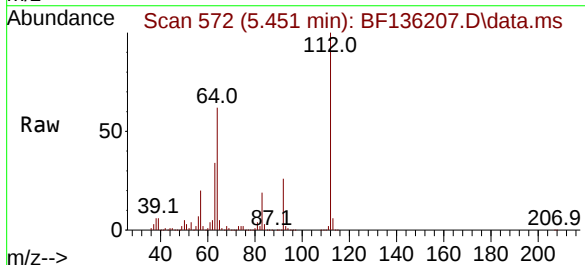
Instrument :
BNA_F
ClientSampleId :
STONE-1

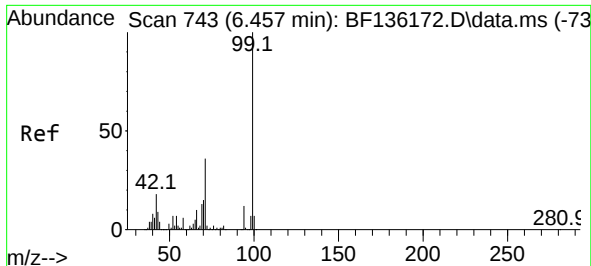
Tgt Ion:152 Resp: 142016
Ion Ratio Lower Upper
152 100
150 169.0 123.1 184.7
115 68.4 50.5 75.7



#5
2-Fluorophenol
Concen: 123.375 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion:112 Resp: 1100417
Ion Ratio Lower Upper
112 100
64 61.5 45.4 68.0
63 34.1 24.4 36.6

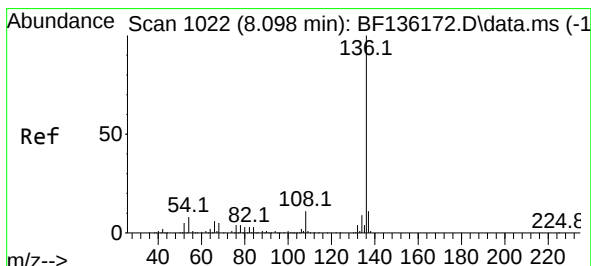
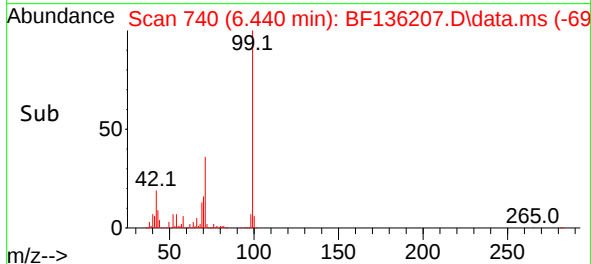
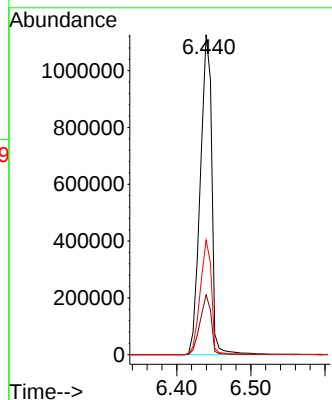
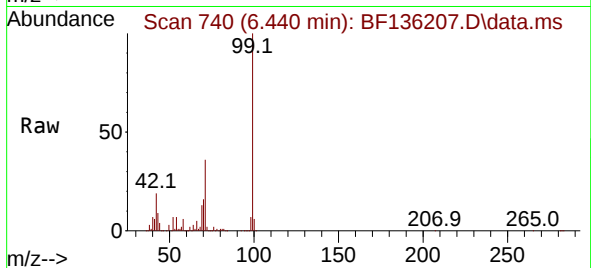




#7
Phenol-d6
Concen: 110.331 ng
RT: 6.440 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

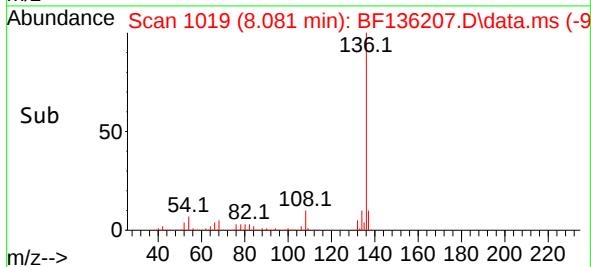
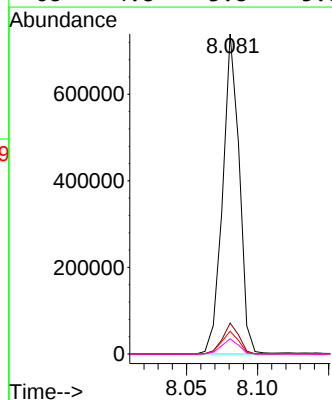
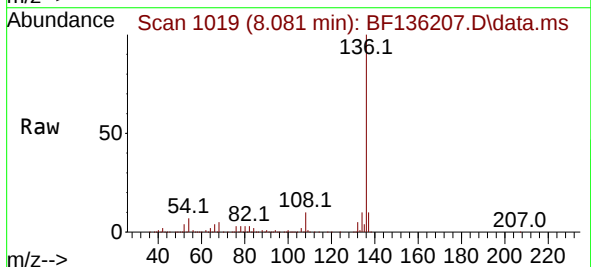
Instrument :
BNA_F
ClientSampleId :
STONE-1

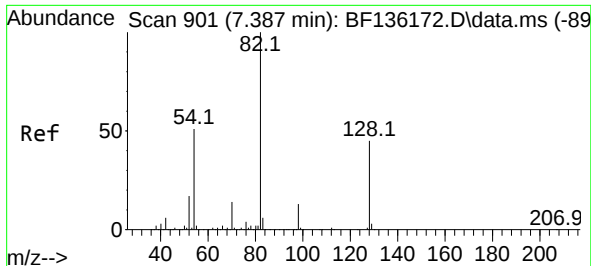
Tgt Ion: 99 Resp: 1210923
Ion Ratio Lower Upper
99 100
42 18.7 14.1 21.1
71 35.8 29.0 43.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion: 136 Resp: 600070
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.1 6.3 9.5
68 4.8 3.8 5.8

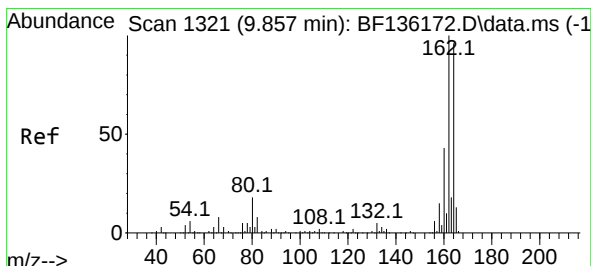
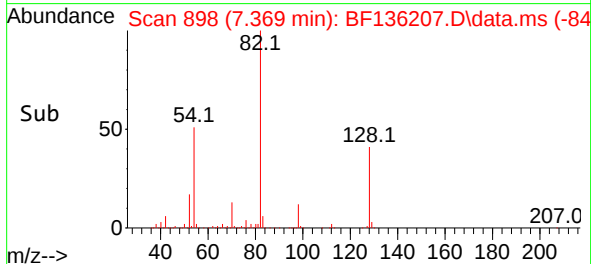
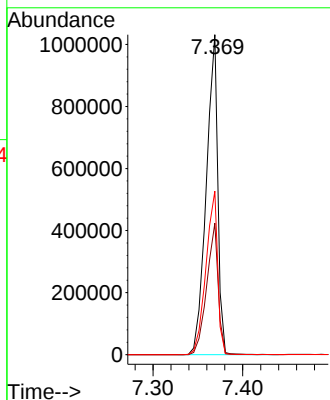
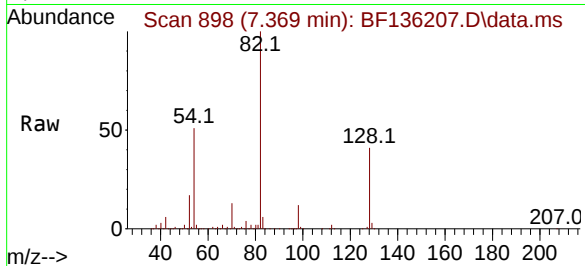




#23
Nitrobenzene-d5
Concen: 85.421 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

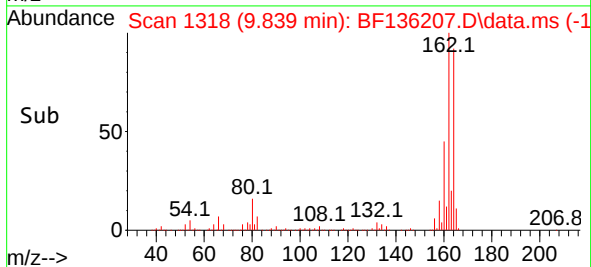
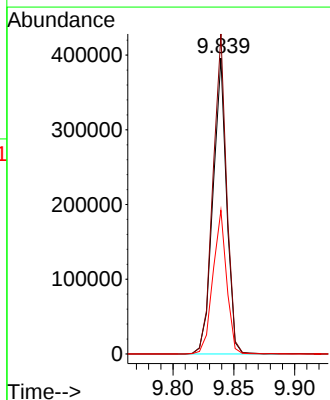
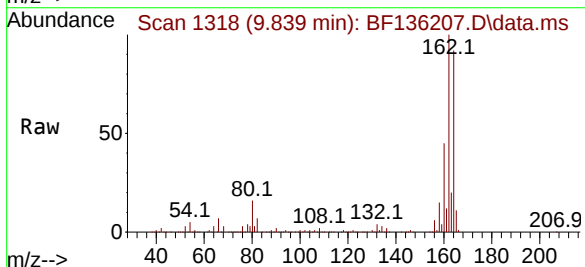
Instrument :
BNA_F
ClientSampleId :
STONE-1

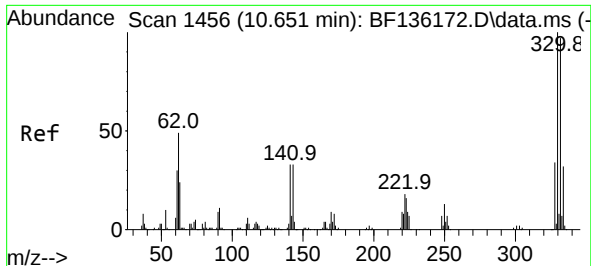
Tgt Ion: 82 Resp: 918558
Ion Ratio Lower Upper
82 100
128 41.1 35.8 53.6
54 51.1 40.6 60.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion:164 Resp: 309485
Ion Ratio Lower Upper
164 100
162 108.2 83.2 124.8
160 48.6 35.8 53.8

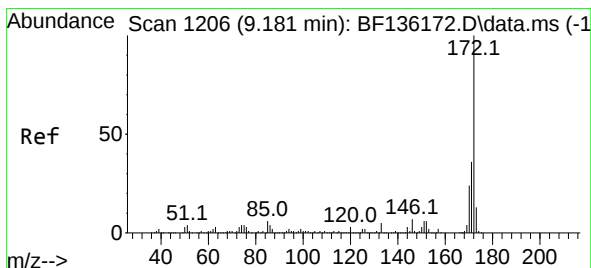
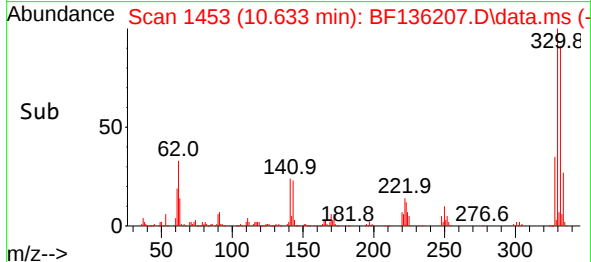
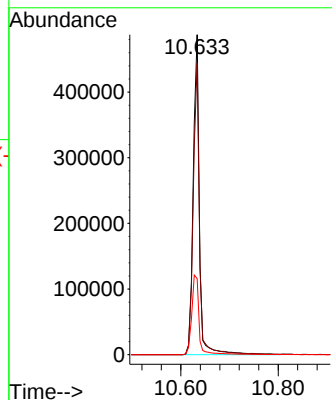
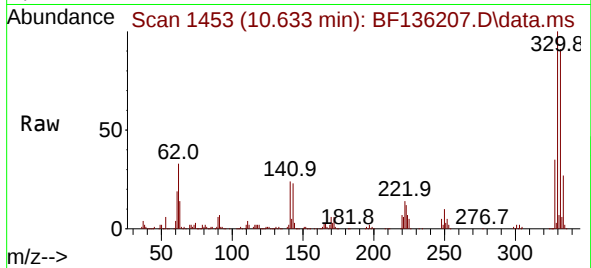




#42
2,4,6-Tribromophenol
Concen: 132.495 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

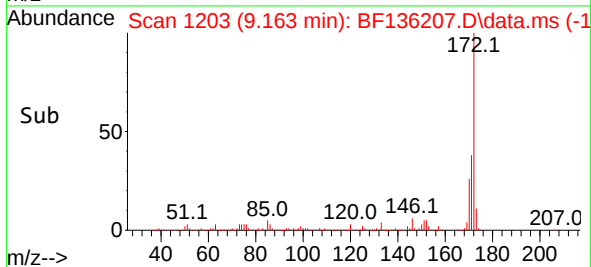
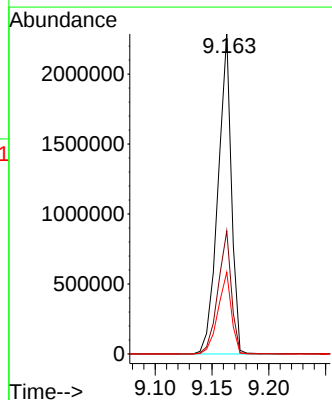
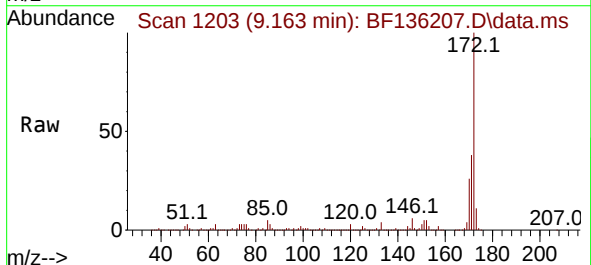
Instrument :
BNA_F
ClientSampleId :
STONE-1

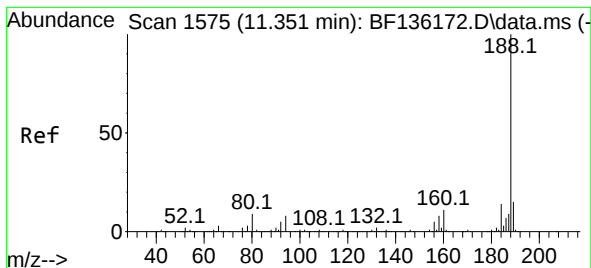
Tgt Ion:330 Resp: 429465
Ion Ratio Lower Upper
330 100
332 92.5 77.6 116.4
141 29.4 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 89.738 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136207.D
Acq: 25 Nov 2023 06:39

Tgt Ion:172 Resp: 1878814
Ion Ratio Lower Upper
172 100
171 38.5 28.9 43.3
170 25.6 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: BF136207.D

Acq: 25 Nov 2023 06:39

Instrument :

BNA_F

ClientSampleId :

STONE-1

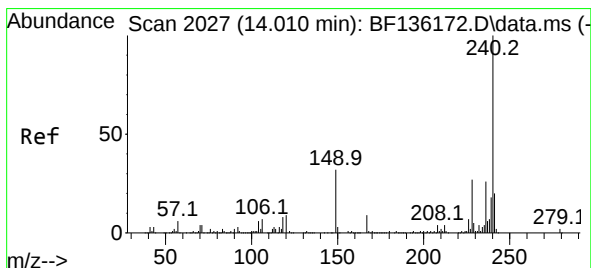
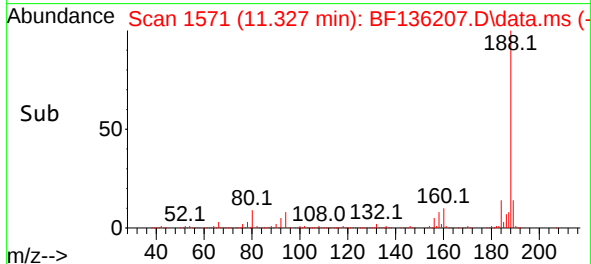
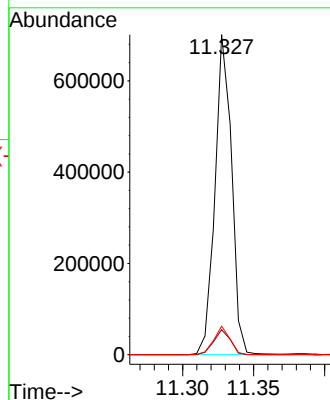
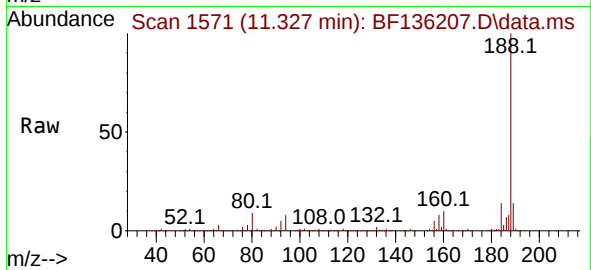
Tgt Ion:188 Resp: 569006

Ion Ratio Lower Upper

188 100

94 7.8 6.6 9.8

80 8.9 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: BF136207.D

Acq: 25 Nov 2023 06:39

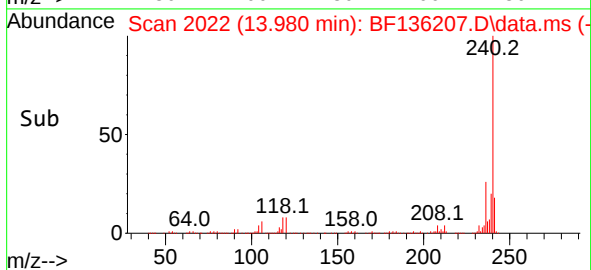
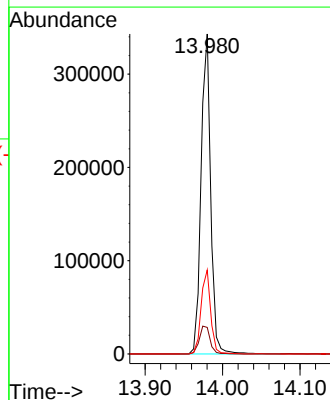
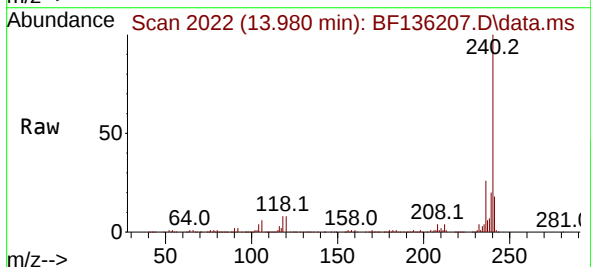
Tgt Ion:240 Resp: 294946

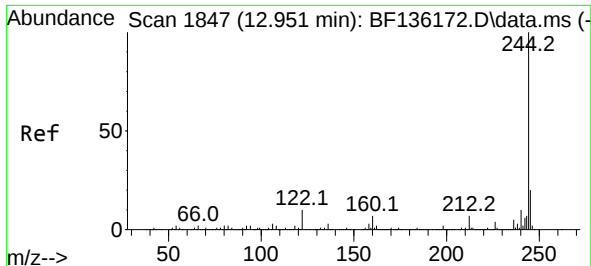
Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 26.3 20.9 31.3

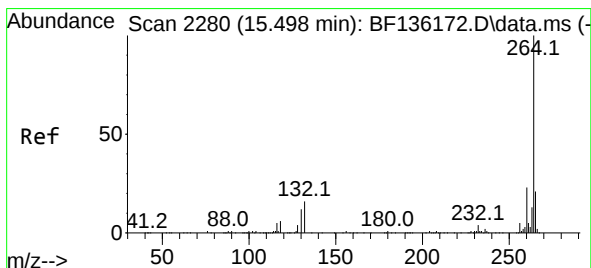
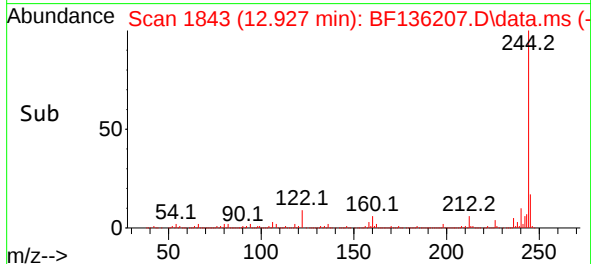
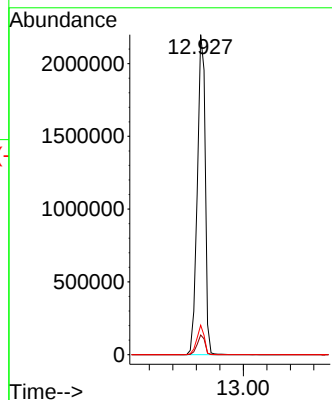
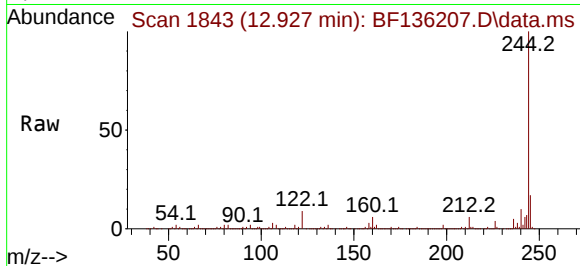




#79
 Terphenyl-d14
 Concen: 99.036 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136207.D
 Acq: 25 Nov 2023 06:39

Instrument :
 BNA_F
 ClientSampleId :
 STONE-1

Tgt Ion:244 Resp: 2057819
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 9.2 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: BF136207.D
 Acq: 25 Nov 2023 06:39

Tgt Ion:264 Resp: 288923
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 20.6 16.9 25.3

