

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136801.D
 Acq On : 28 Dec 2023 19:18
 Operator : CG\JU
 Sample : 06027-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONES

Quant Time: Dec 28 23:30:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69523	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	258780	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	124783	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	187547	20.000	ng	0.00
76) Chrysene-d12	13.963	240	125830	20.000	ng	0.00
86) Perylene-d12	15.439	264	142990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	378098	84.855	ng	0.00
7) Phenol-d6	6.428	99	485617	84.110	ng	-0.01
23) Nitrobenzene-d5	7.339	82	295486	58.429	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	112289	76.408	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	608835	65.624	ng	-0.02
79) Terphenyl-d14	12.904	244	453888	50.409	ng	-0.01

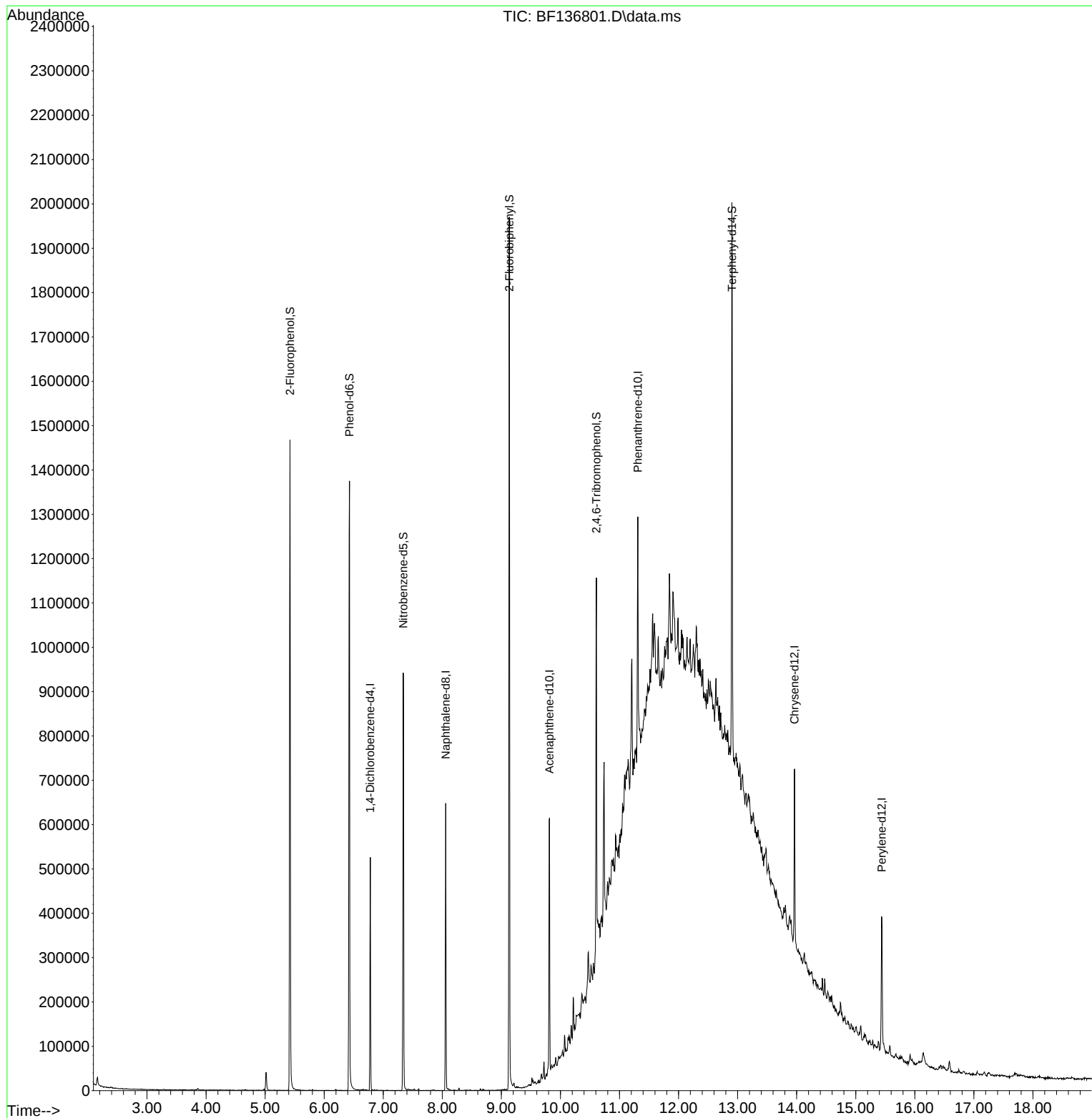
Target Compounds	Qvalue

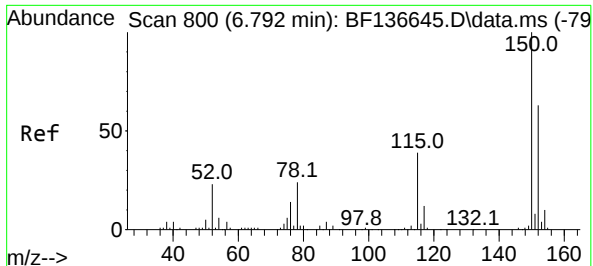
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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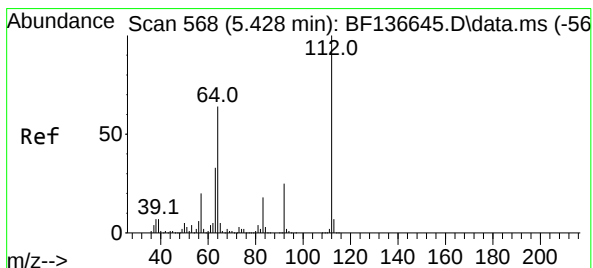
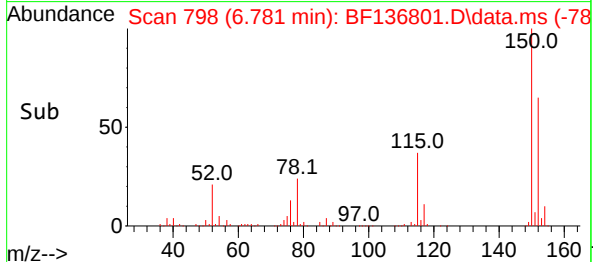
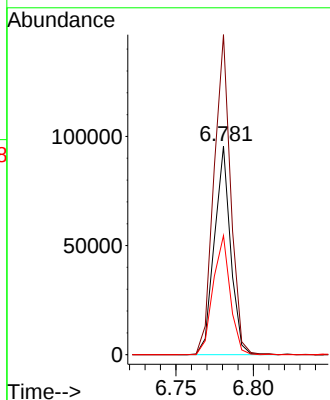
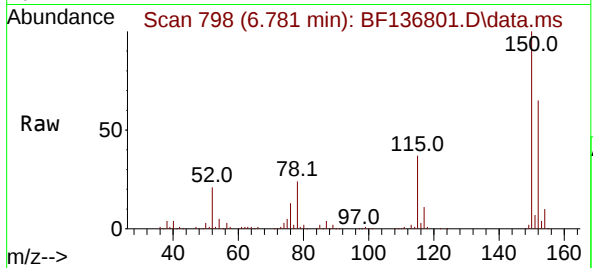




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136801.D
Acq: 28 Dec 2023 19:18

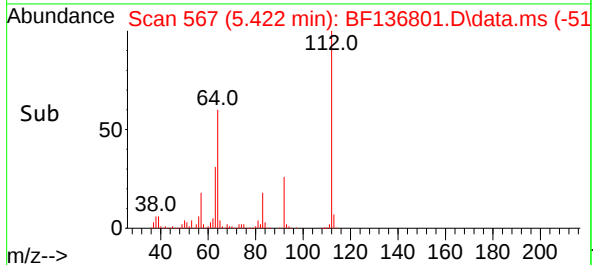
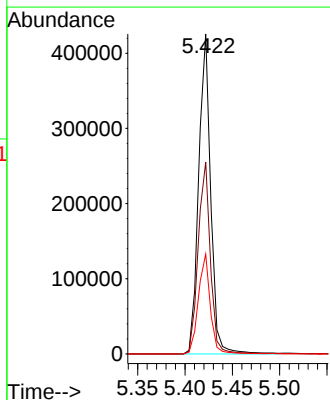
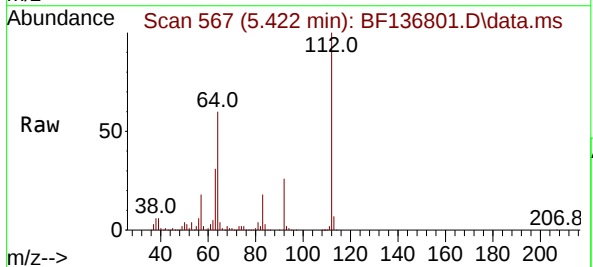
Instrument :
BNA_F
ClientSampleId :
STONES

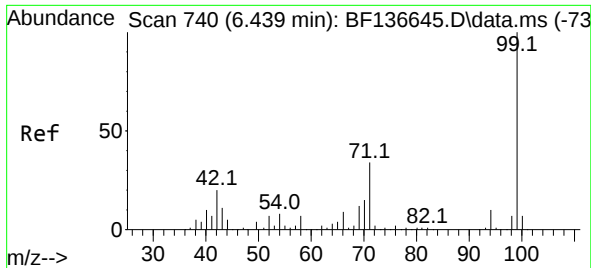
Tgt Ion:152 Resp: 69523
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 57.1 49.0 73.4



#5
2-Fluorophenol
Concen: 84.855 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136801.D
Acq: 28 Dec 2023 19:18

Tgt Ion:112 Resp: 378098
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 31.2 26.1 39.1

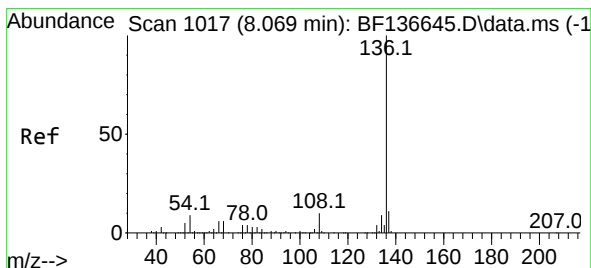
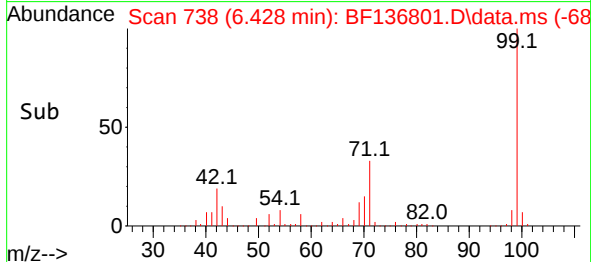
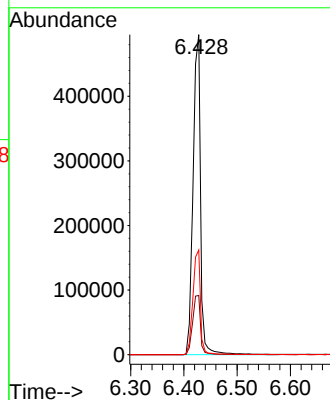
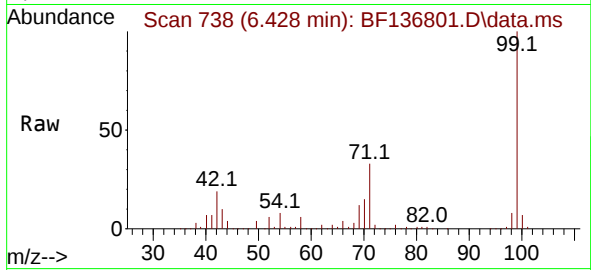




#7
Phenol-d6
Concen: 84.110 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136801.D
Acq: 28 Dec 2023 19:18

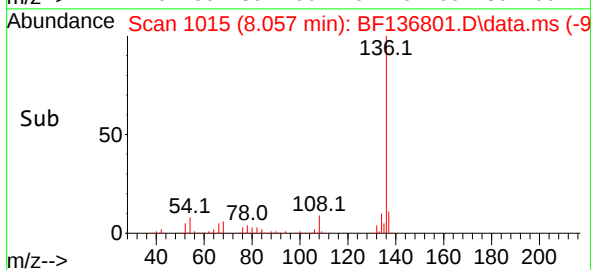
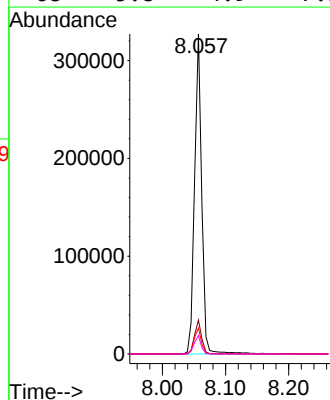
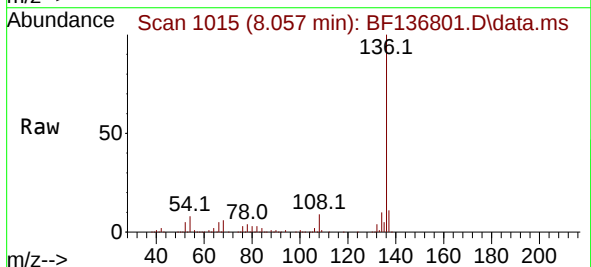
Instrument :
BNA_F
ClientSampleId :
STONES

Tgt Ion: 99 Resp: 485617
Ion Ratio Lower Upper
99 100
42 18.5 16.1 24.1
71 32.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136801.D
Acq: 28 Dec 2023 19:18

Tgt Ion: 136 Resp: 258780
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.2 7.2 10.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 58.429 ng

RT: 7.339 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136801.D

Acq: 28 Dec 2023 19:18

Instrument :

BNA_F

ClientSampleId :

STONES

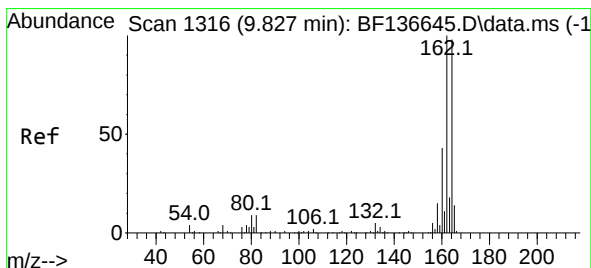
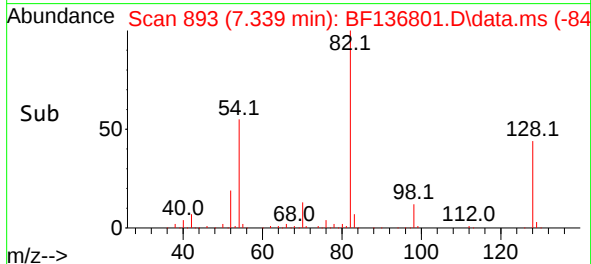
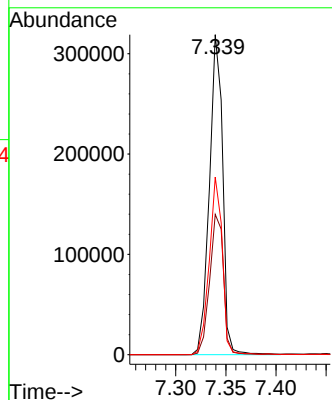
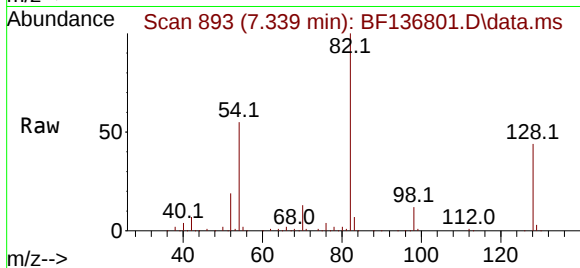
Tgt Ion: 82 Resp: 295486

Ion Ratio Lower Upper

82 100

128 43.8 35.3 52.9

54 55.5 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136801.D

Acq: 28 Dec 2023 19:18

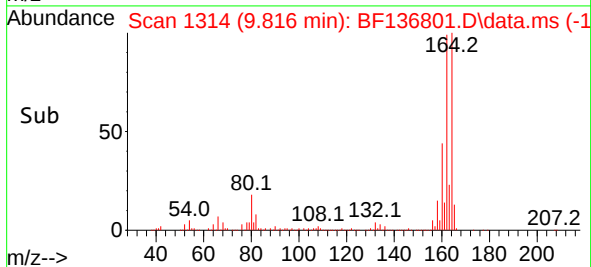
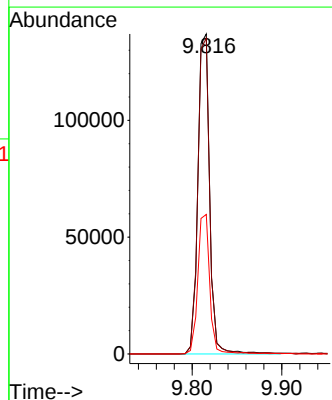
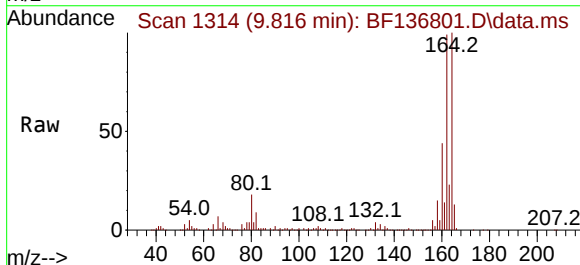
Tgt Ion:164 Resp: 124783

Ion Ratio Lower Upper

164 100

162 98.7 81.6 122.4

160 43.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 76.408 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136801.D

Acq: 28 Dec 2023 19:18

Instrument :

BNA_F

ClientSampleId :

STONES

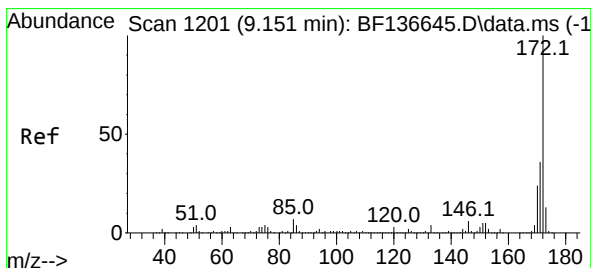
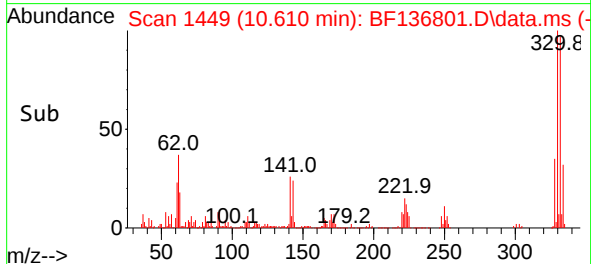
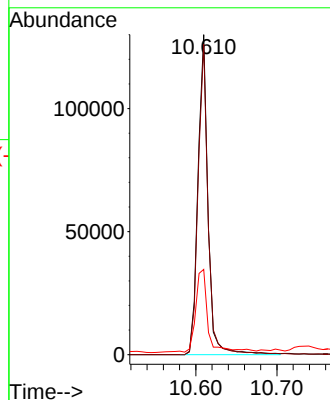
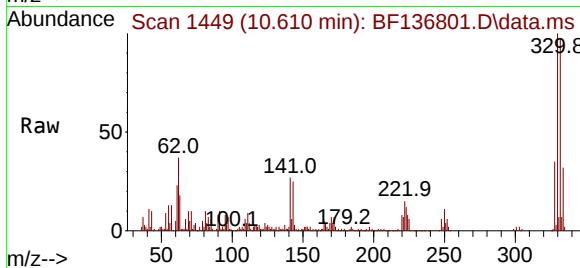
Tgt Ion:330 Resp: 112289

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 31.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 65.624 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136801.D

Acq: 28 Dec 2023 19:18

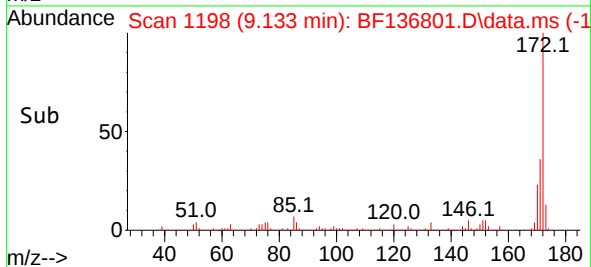
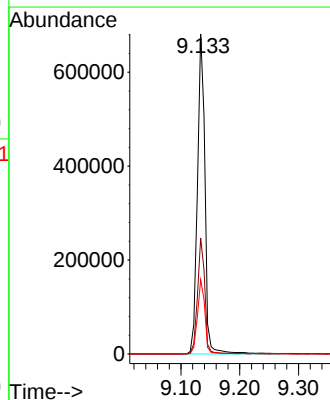
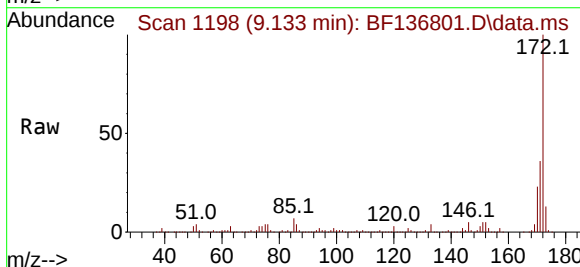
Tgt Ion:172 Resp: 608835

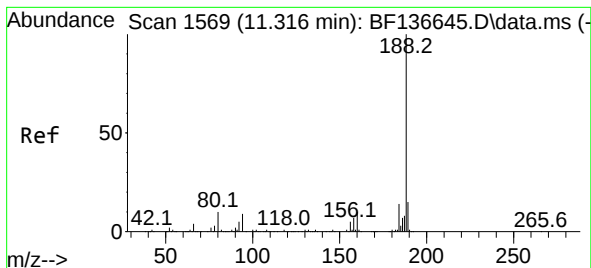
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136801.D

Acq: 28 Dec 2023 19:18

Instrument :

BNA_F

ClientSampleId :

STONES

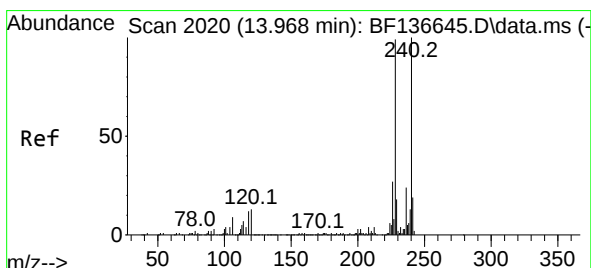
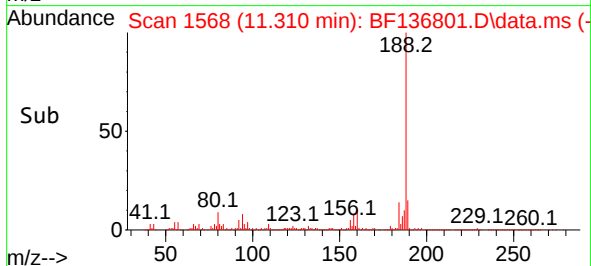
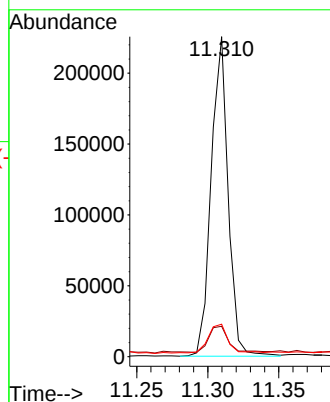
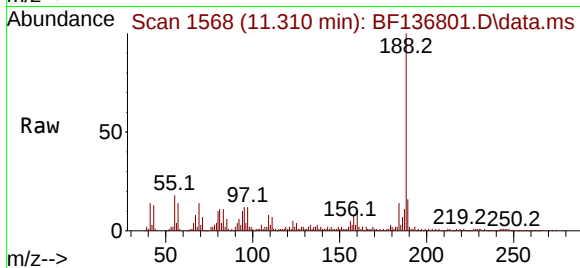
Tgt Ion:188 Resp: 187547

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136801.D

Acq: 28 Dec 2023 19:18

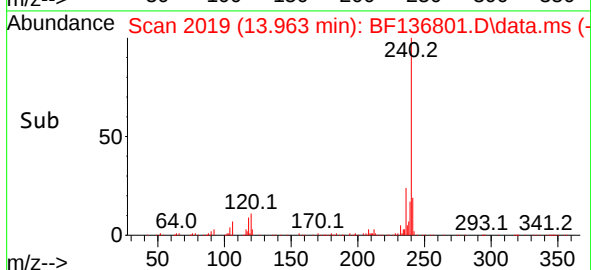
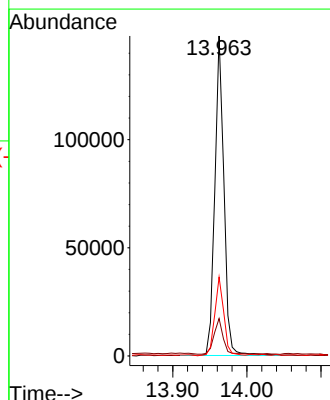
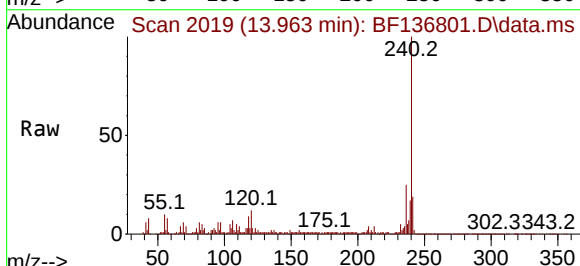
Tgt Ion:240 Resp: 125830

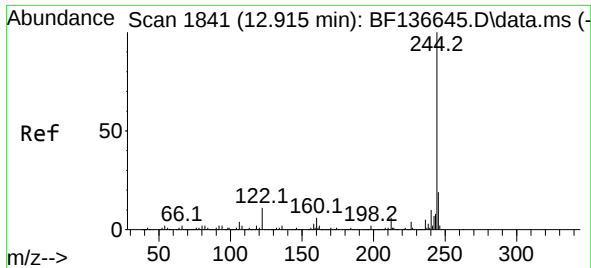
Ion Ratio Lower Upper

240 100

120 11.7 10.3 15.5

236 24.6 19.4 29.2

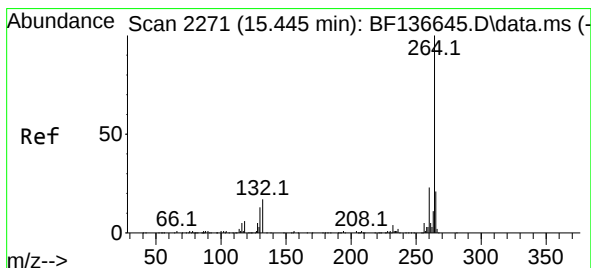
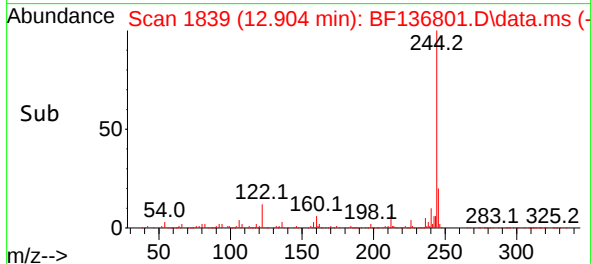
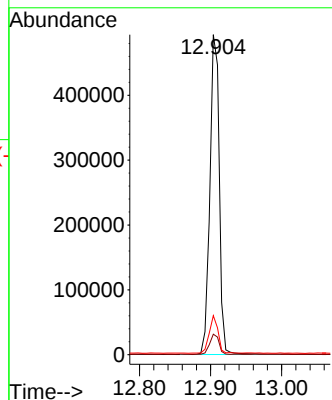
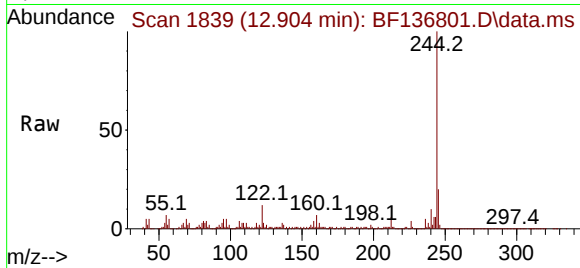




#79
 Terphenyl-d14
 Concen: 50.409 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136801.D
 Acq: 28 Dec 2023 19:18

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 453888
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136801.D
 Acq: 28 Dec 2023 19:18

Tgt Ion:264 Resp: 142990
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 20.1 17.0 25.6

