

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020824\
 Data File : BF137338.D
 Acq On : 08 Feb 2024 15:26
 Operator : CG\JU
 Sample : P1327-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE

Quant Time: Feb 08 15:46:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

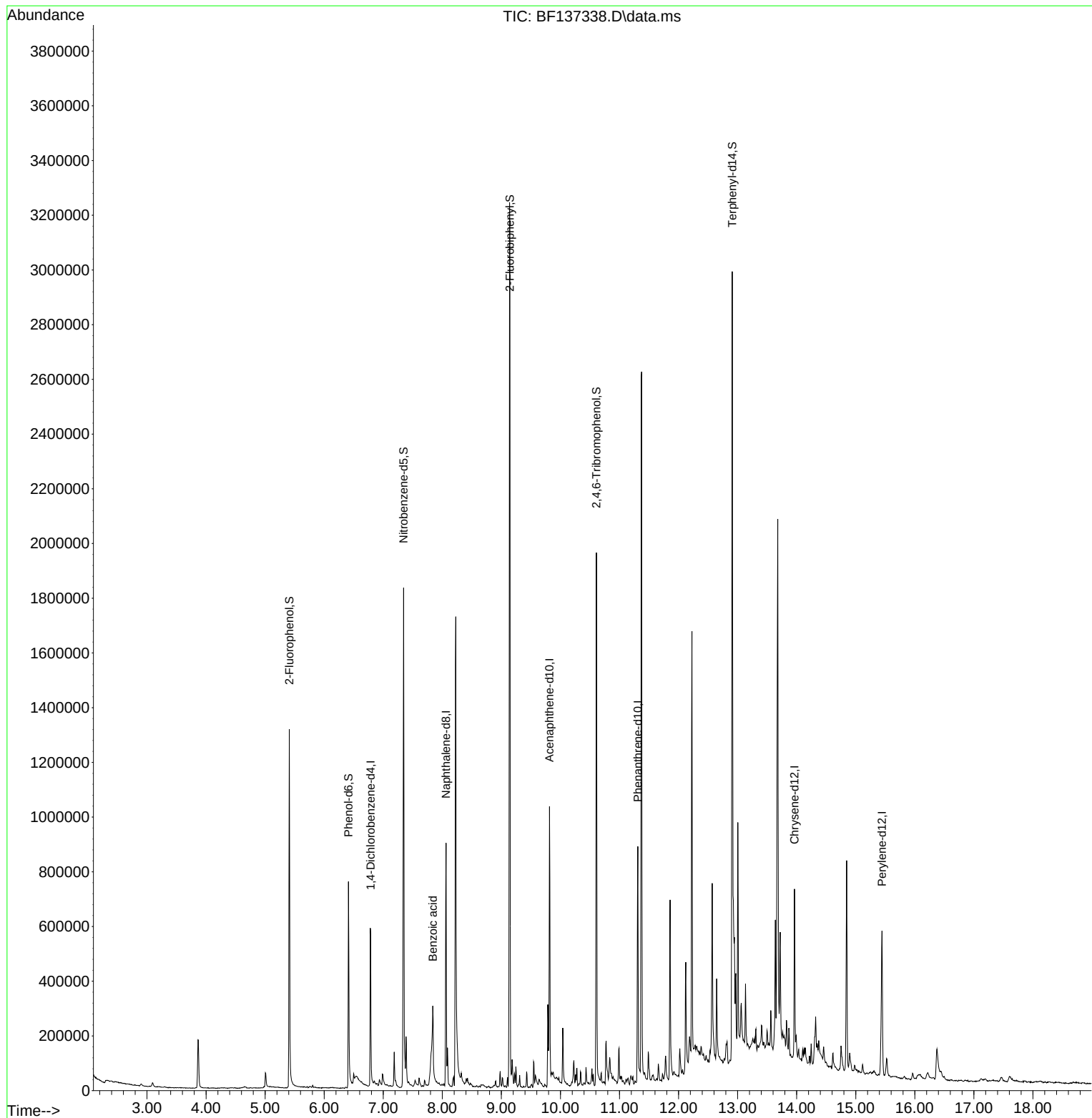
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	94764	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	379359	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	200911	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	330578	20.000	ng	0.00
76) Chrysene-d12	13.963	240	206714	20.000	ng	-0.01
86) Perylene-d12	15.445	264	242828	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	332030	57.815	ng	0.00
7) Phenol-d6	6.410	99	264617	32.287	ng	-0.02
23) Nitrobenzene-d5	7.345	82	620139	73.188	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	234248	103.239	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1110354	75.972	ng	0.00
79) Terphenyl-d14	12.910	244	1009037	66.359	ng	-0.01
Target Compounds						
32) Benzoic acid	7.839	122	105713	36.292	ng	Qvalue 91

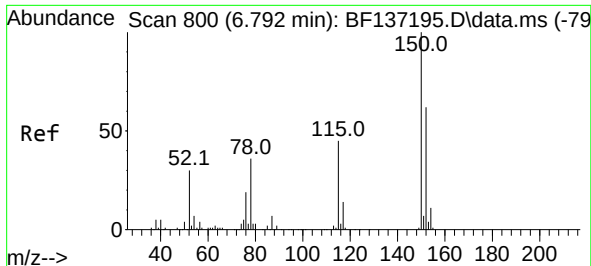
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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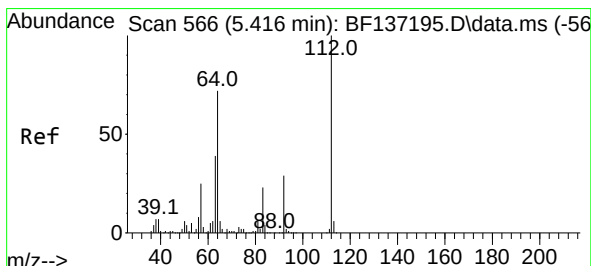
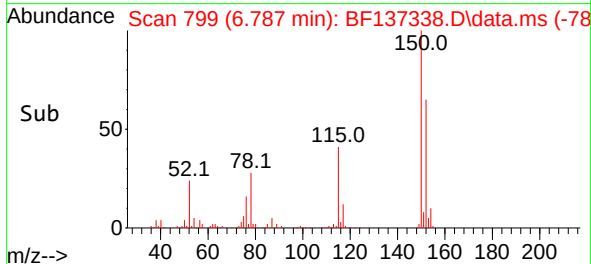
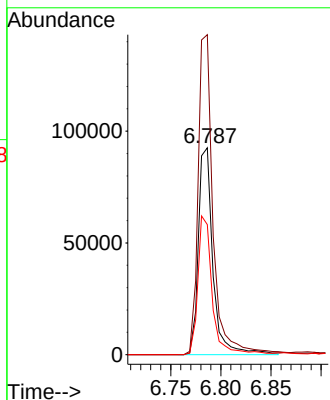
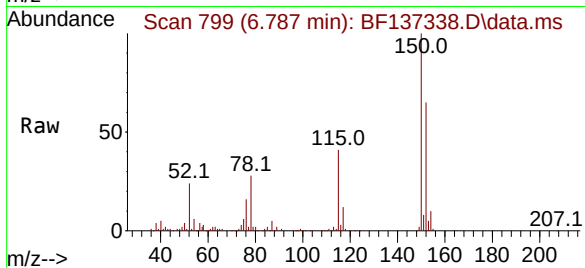




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137338.D
Acq: 08 Feb 2024 15:26

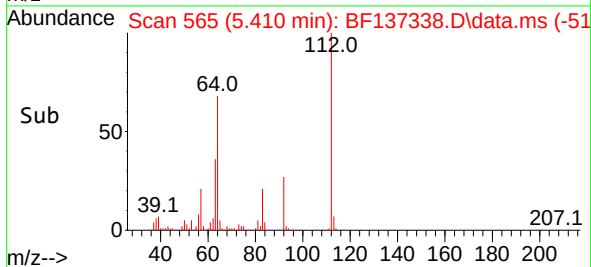
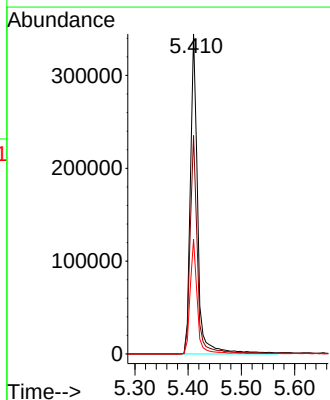
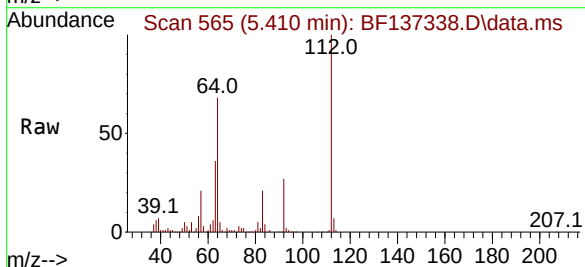
Instrument :
BNA_F
ClientSampleId :
MANHOLE

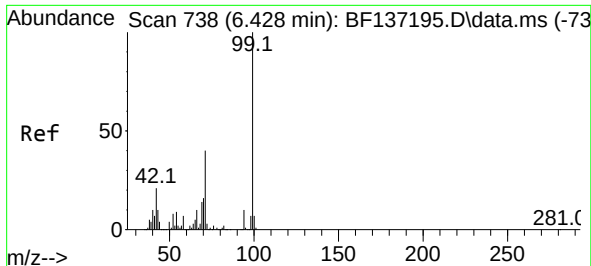
Tgt Ion:152 Resp: 94764
Ion Ratio Lower Upper
152 100
150 154.7 129.8 194.8
115 62.9 58.5 87.7



#5
2-Fluorophenol
Concen: 57.815 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF137338.D
Acq: 08 Feb 2024 15:26

Tgt Ion:112 Resp: 332030
Ion Ratio Lower Upper
112 100
64 68.3 57.8 86.6
63 35.9 31.4 47.0





#7

Phenol-d6

Concen: 32.287 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF137338.D

Acq: 08 Feb 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MANHOLE

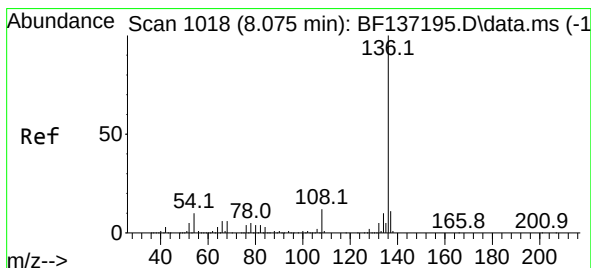
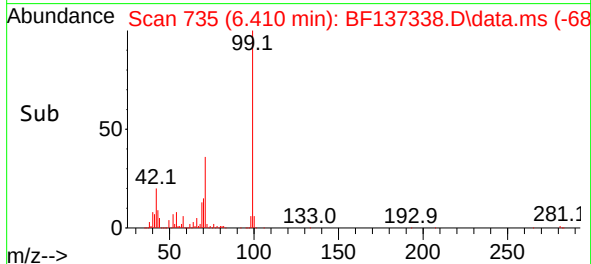
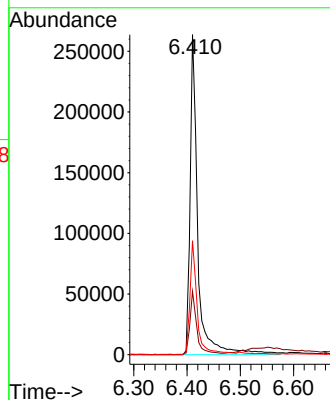
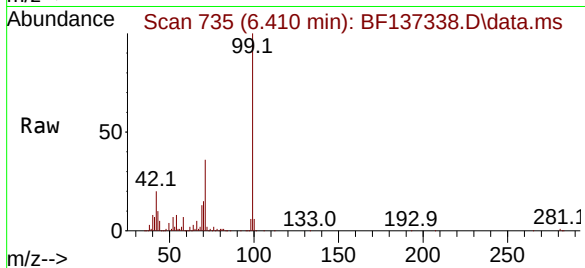
Tgt Ion: 99 Resp: 264617

Ion Ratio Lower Upper

99 100

42 19.8 16.4 24.6

71 35.6 32.4 48.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.012 min

Lab File: BF137338.D

Acq: 08 Feb 2024 15:26

Tgt Ion:136 Resp: 379359

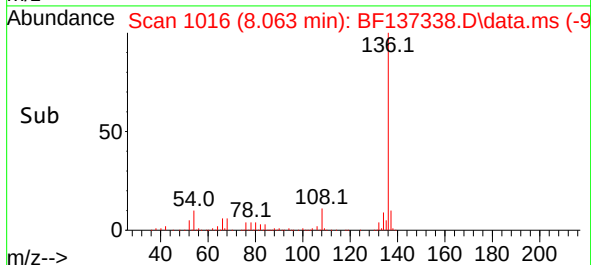
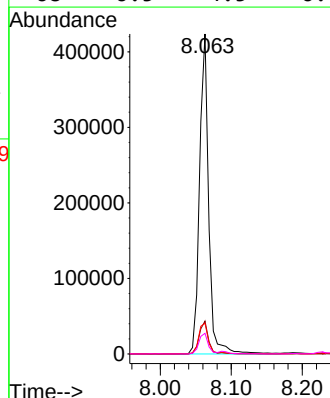
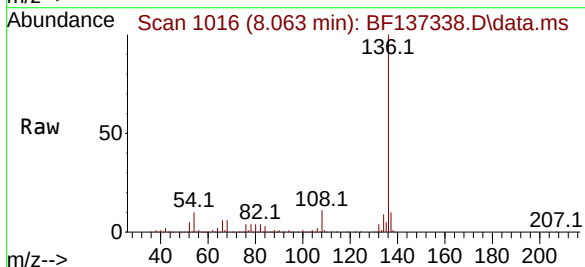
Ion Ratio Lower Upper

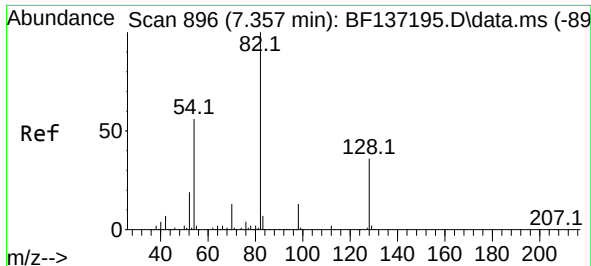
136 100

137 10.3 8.9 13.3

54 9.6 7.8 11.8

68 6.5 4.5 6.7

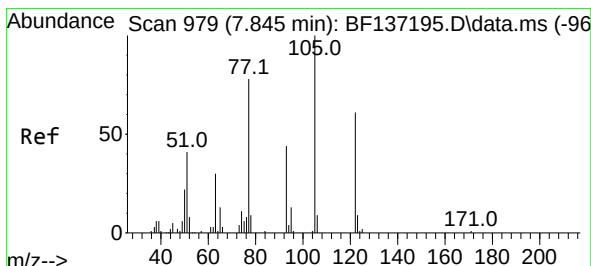
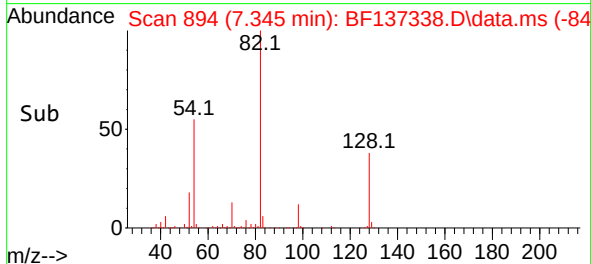
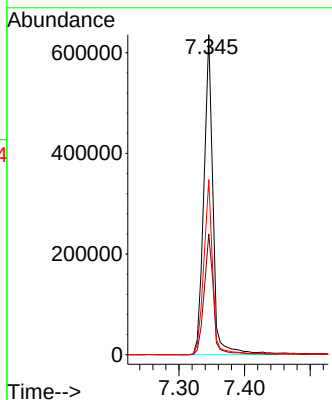
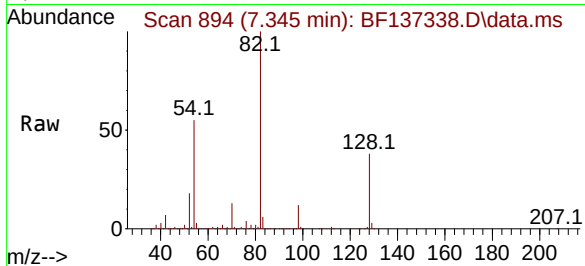




#23
Nitrobenzene-d5
Concen: 73.188 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF137338.D
Acq: 08 Feb 2024 15:26

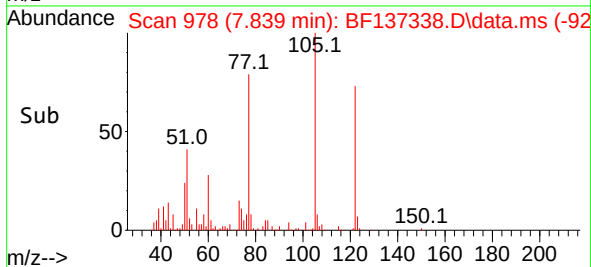
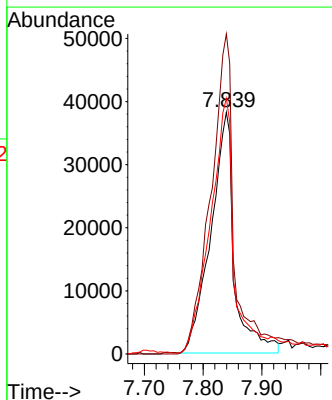
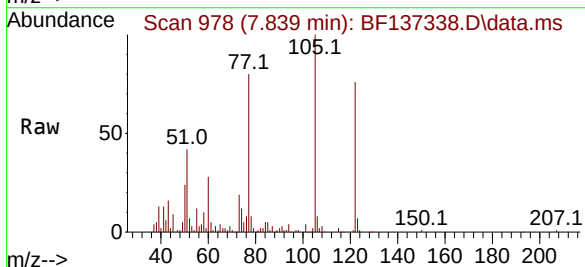
Instrument :
BNA_F
ClientSampleId :
MANHOLE

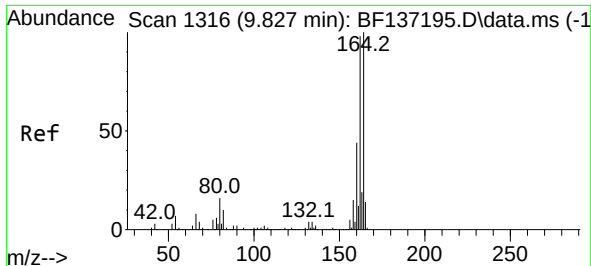
Tgt Ion: 82 Resp: 620139
Ion Ratio Lower Upper
82 100
128 37.8 29.1 43.7
54 54.7 45.0 67.6



#32
Benzoic acid
Concen: 36.292 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF137338.D
Acq: 08 Feb 2024 15:26

Tgt Ion:122 Resp: 105713
Ion Ratio Lower Upper
122 100
105 132.3 122.5 162.5
77 105.8 96.4 136.4

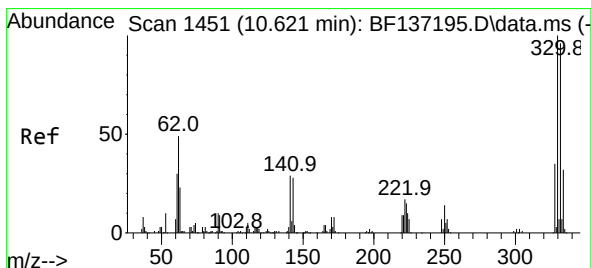
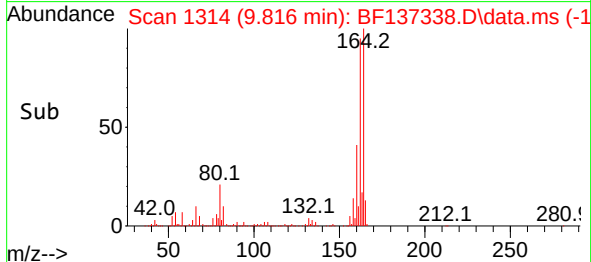
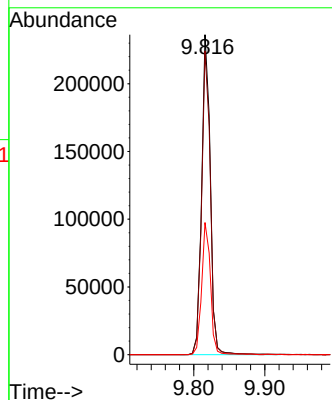
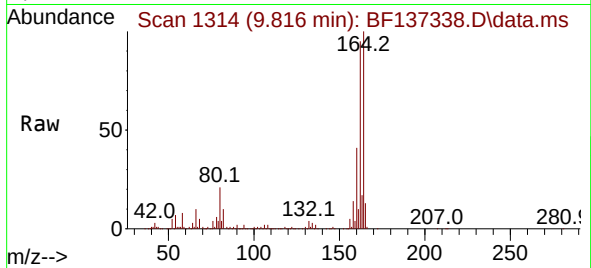




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF137338.D
Acq: 08 Feb 2024 15:26

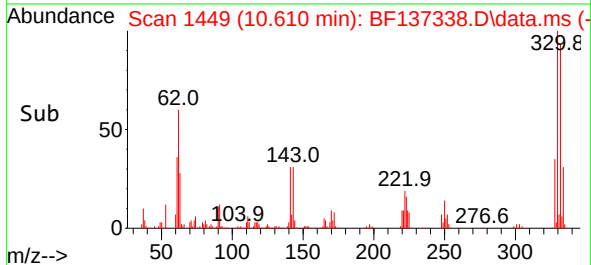
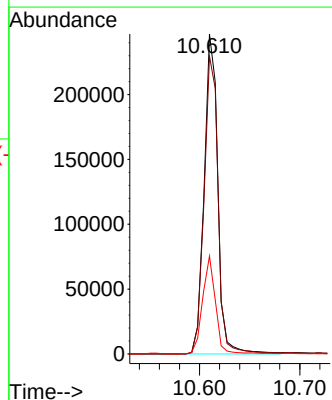
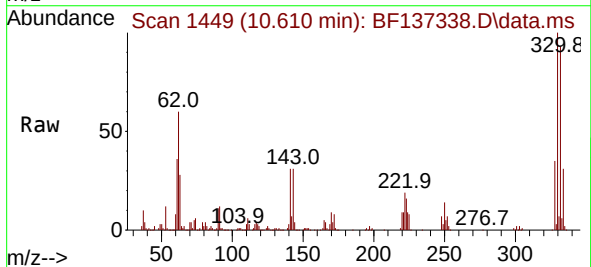
Instrument :
BNA_F
ClientSampleId :
MANHOLE

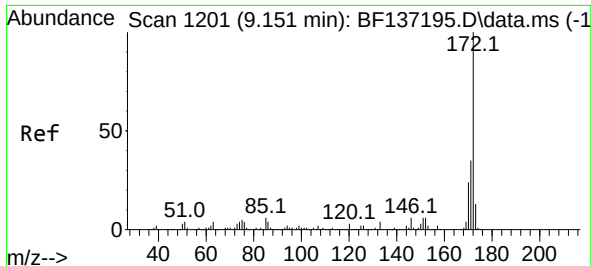
Tgt Ion:164 Resp: 200911
Ion Ratio Lower Upper
164 100
162 94.9 78.3 117.5
160 41.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 103.239 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF137338.D
Acq: 08 Feb 2024 15:26

Tgt Ion:330 Resp: 234248
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 29.2 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 75.972 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137338.D

Acq: 08 Feb 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MANHOLE

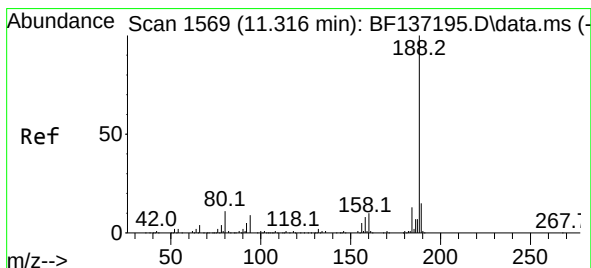
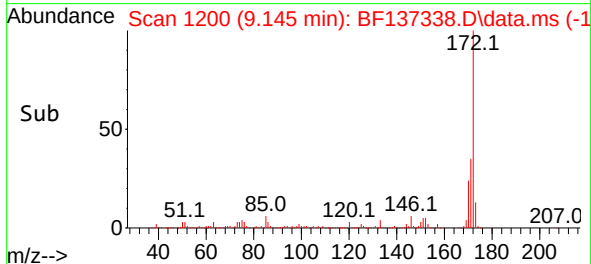
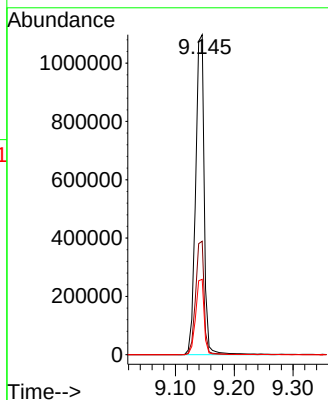
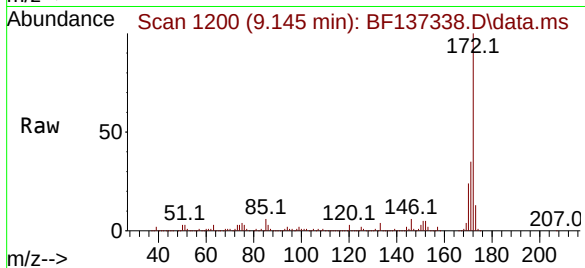
Tgt Ion:172 Resp: 1110354

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.6 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF137338.D

Acq: 08 Feb 2024 15:26

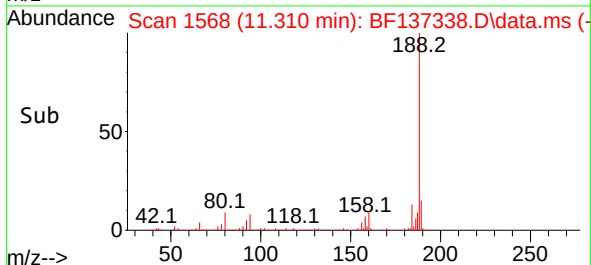
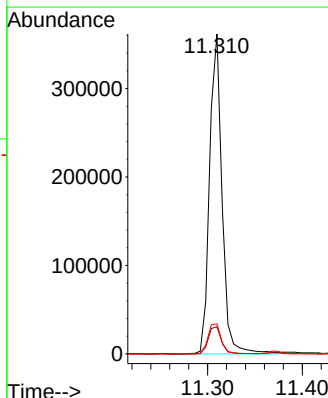
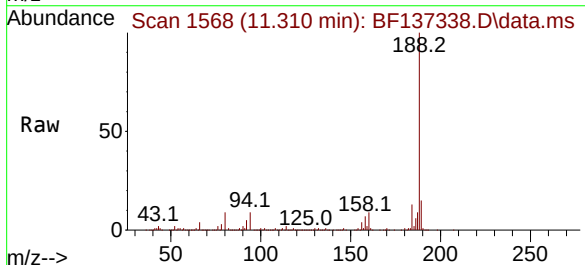
Tgt Ion:188 Resp: 330578

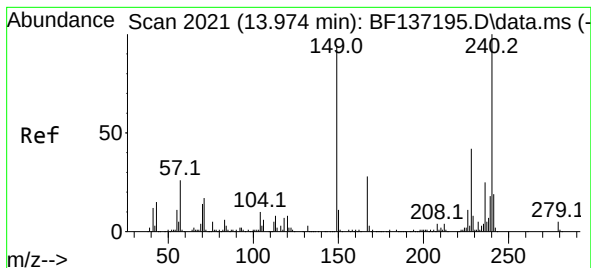
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.5 8.8 13.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137338.D

Acq: 08 Feb 2024 15:26

Instrument :

BNA_F

ClientSampleId :

MANHOLE

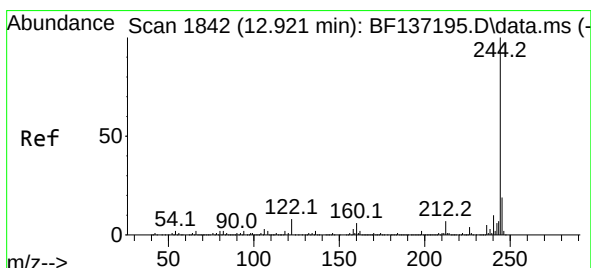
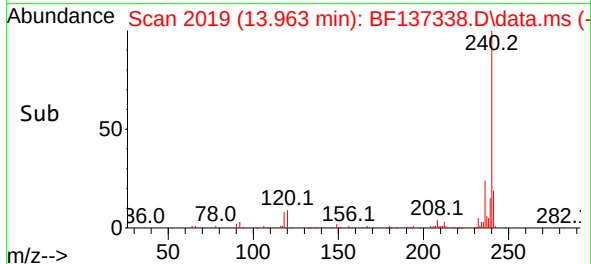
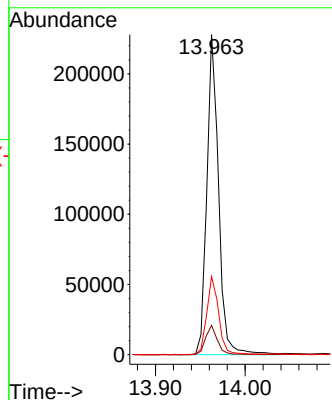
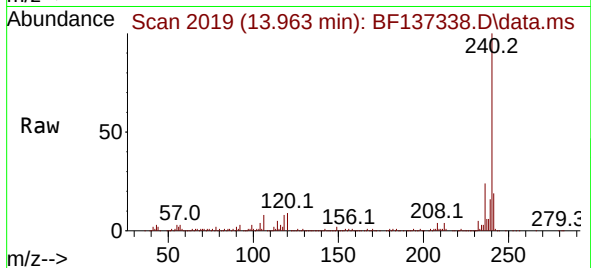
Tgt Ion:240 Resp: 206714

Ion Ratio Lower Upper

240 100

120 9.1 6.3 9.5

236 24.4 20.3 30.5



#79

Terphenyl-d14

Concen: 66.359 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137338.D

Acq: 08 Feb 2024 15:26

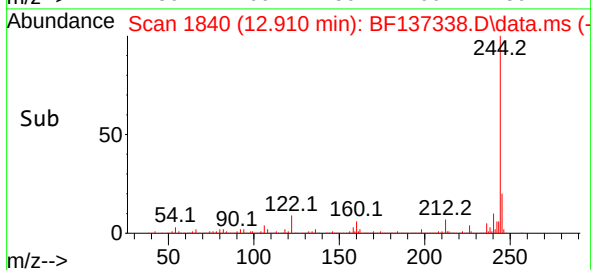
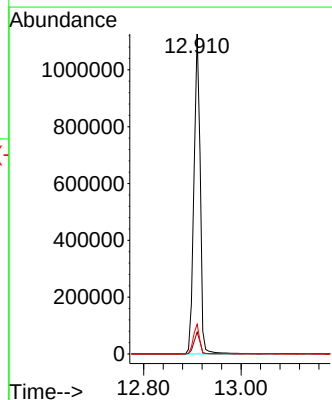
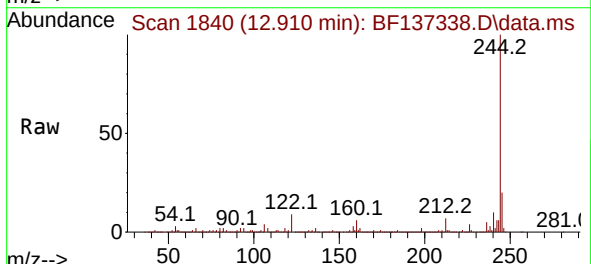
Tgt Ion:244 Resp: 1009037

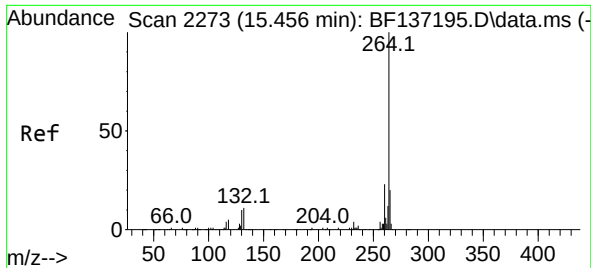
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 9.3 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137338.D
 Acq: 08 Feb 2024 15:26

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 242828
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.4
 265 21.2 16.2 24.2

