

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137327.D
 Acq On : 07 Feb 2024 18:35
 Operator : CG\JU
 Sample : P1141-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2D

Quant Time: Feb 08 01:08:52 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	56182	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	212376	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	108274	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	177607	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	140615	20.000	ng	-0.01
86) Perylene-d12	15.445	264	127117	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	592410	173.992	ng	0.02
7) Phenol-d6	6.428	99	725293	149.268	ng	0.00
23) Nitrobenzene-d5	7.351	82	531880	112.127	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	193462	158.213	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	911420	115.716	ng	0.00
79) Terphenyl-d14	12.916	244	890353	86.078	ng	0.00

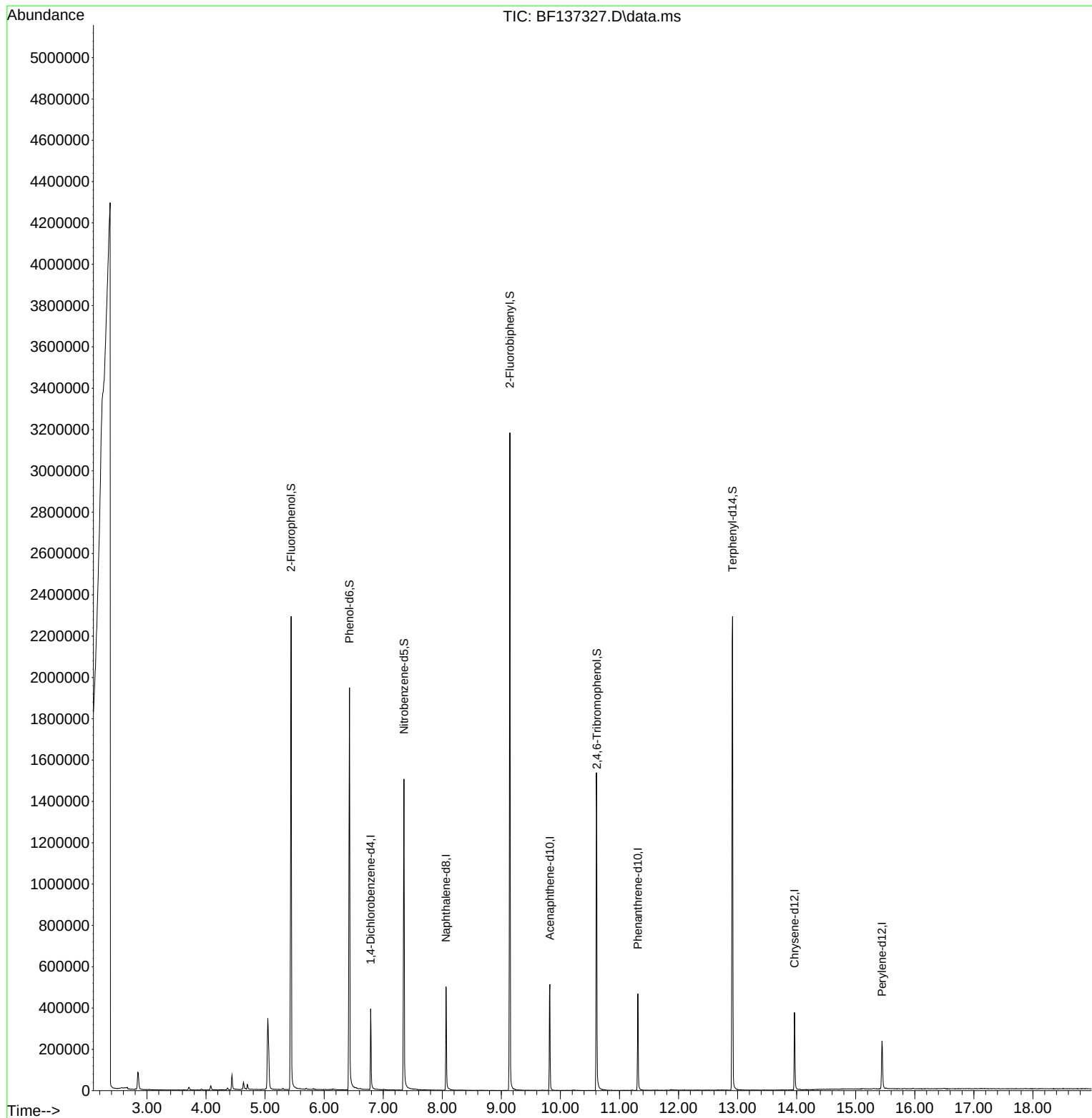
Target Compounds	Qvalue

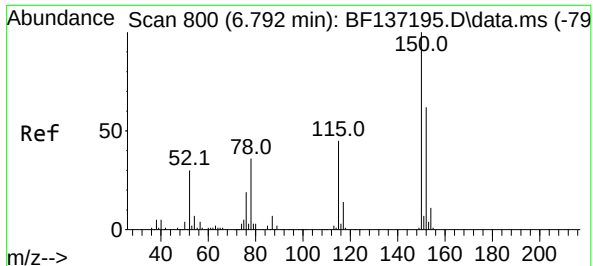
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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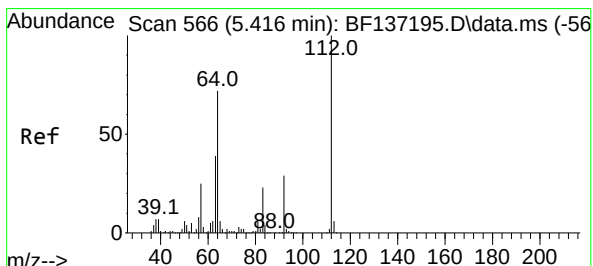
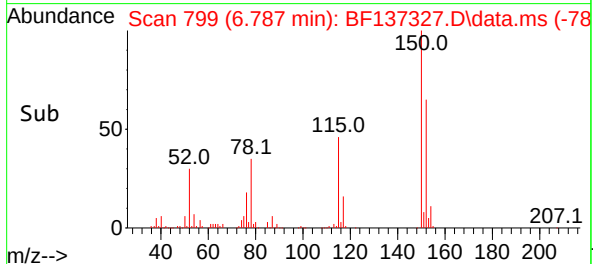
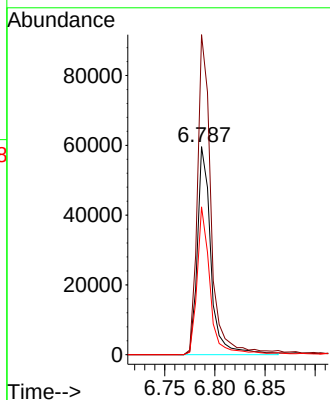
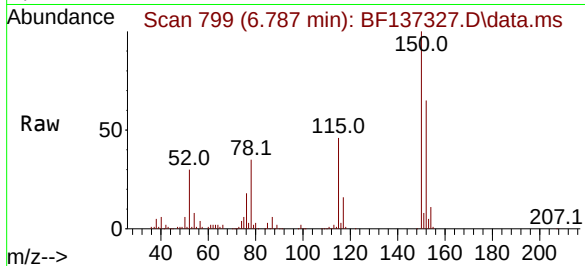




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

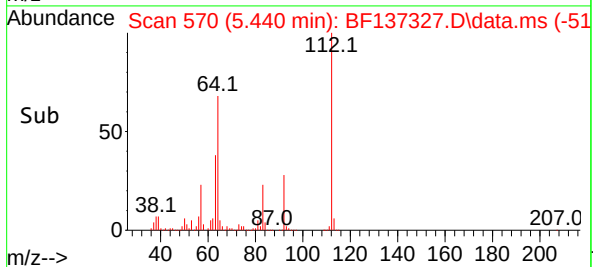
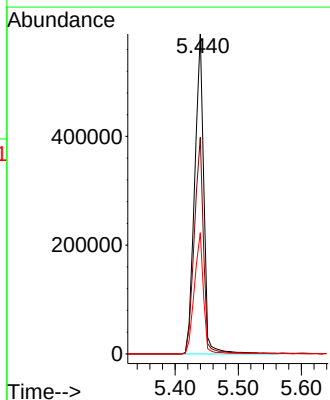
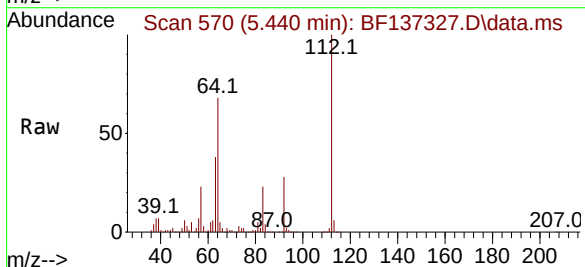
Instrument :
BNA_F
ClientSampleId :
EB-2-0-2D

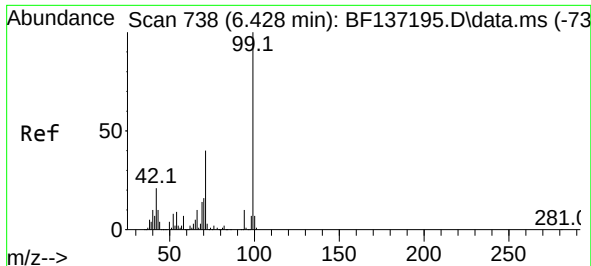
Tgt Ion:152 Resp: 56182
Ion Ratio Lower Upper
152 100
150 153.9 129.8 194.8
115 71.1 58.5 87.7



#5
2-Fluorophenol
Concen: 173.992 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion:112 Resp: 592410
Ion Ratio Lower Upper
112 100
64 67.7 57.8 86.6
63 37.9 31.4 47.0





#7
Phenol-d6
Concen: 149.268 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

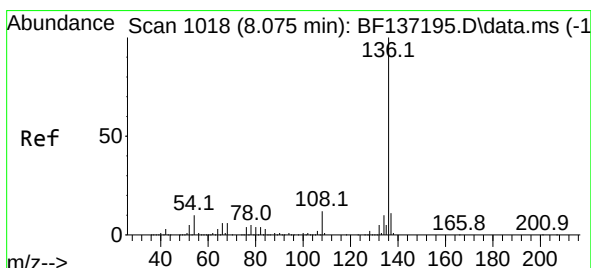
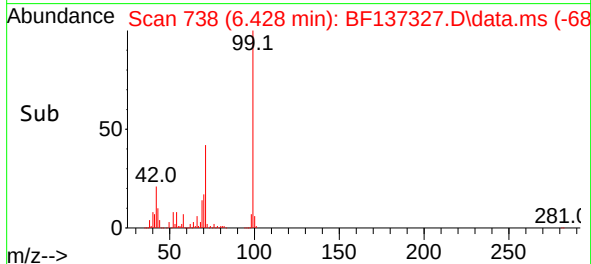
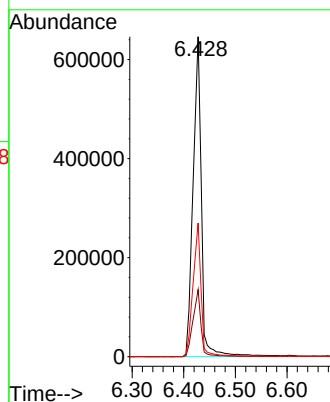
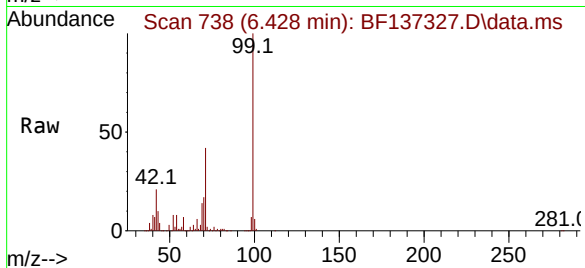
Instrument :

BNA_F

ClientSampleId :

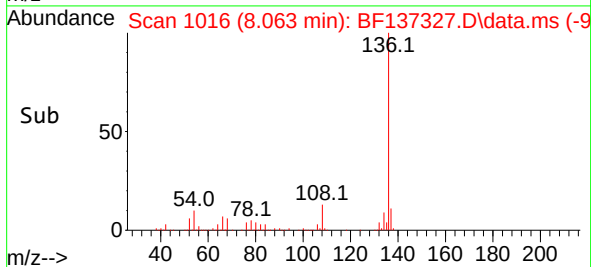
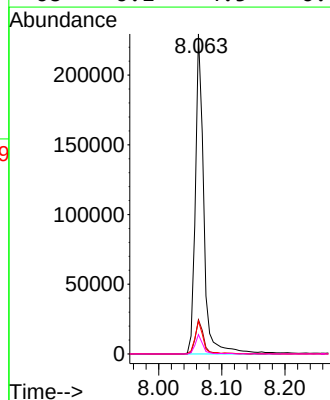
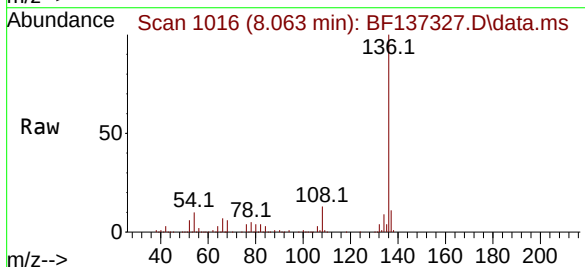
EB-2-0-2D

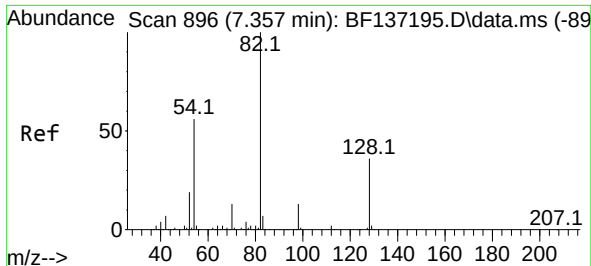
Tgt Ion: 99 Resp: 725293
Ion Ratio Lower Upper
99 100
42 20.9 16.4 24.6
71 41.8 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF137327.D
Acq: 07 Feb 2024 18:35

Tgt Ion: 136 Resp: 212376
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.2 7.8 11.8
68 6.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 112.127 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2D

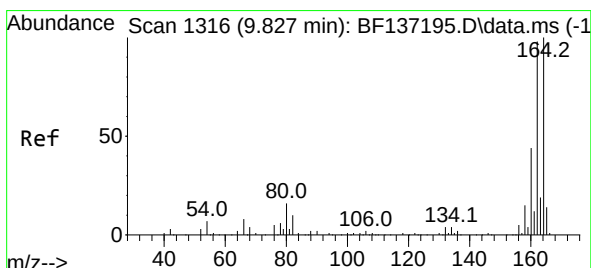
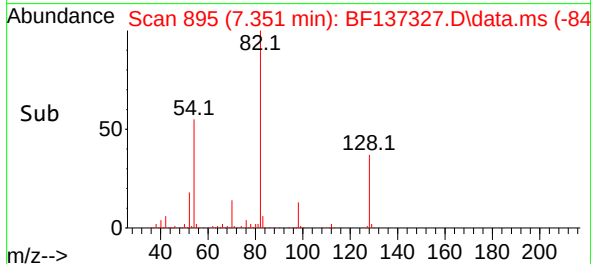
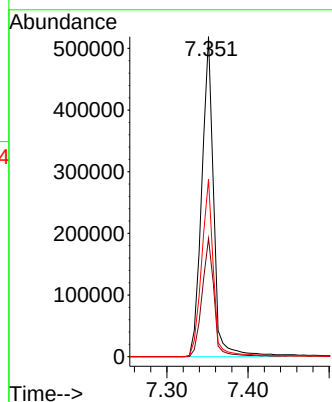
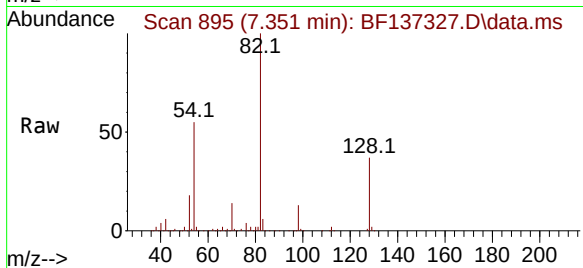
Tgt Ion: 82 Resp: 531880

Ion Ratio Lower Upper

82 100

128 37.0 29.1 43.7

54 55.5 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

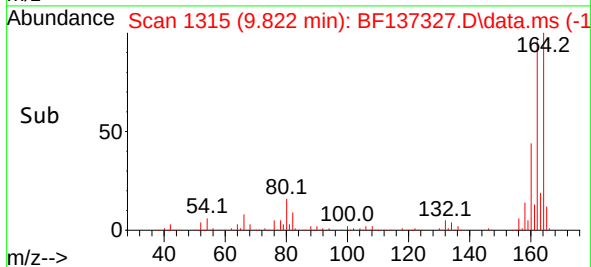
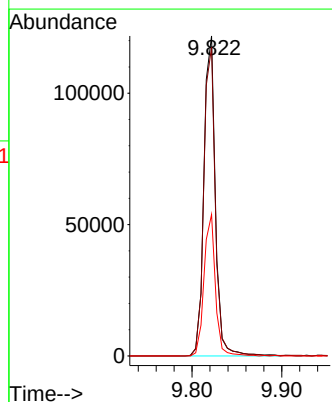
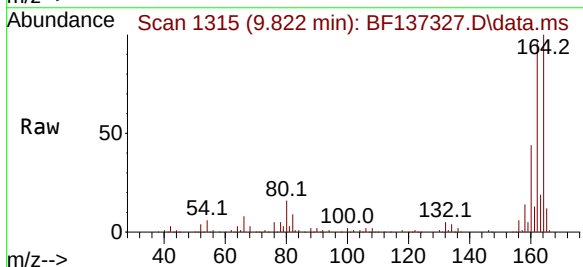
Tgt Ion:164 Resp: 108274

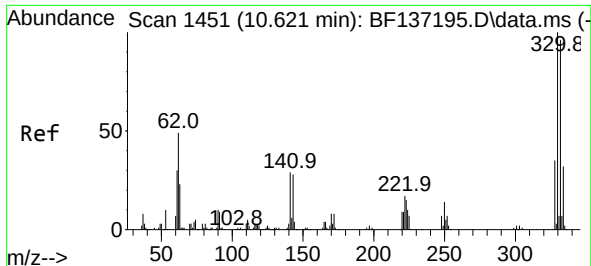
Ion Ratio Lower Upper

164 100

162 96.5 78.3 117.5

160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 158.213 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2D

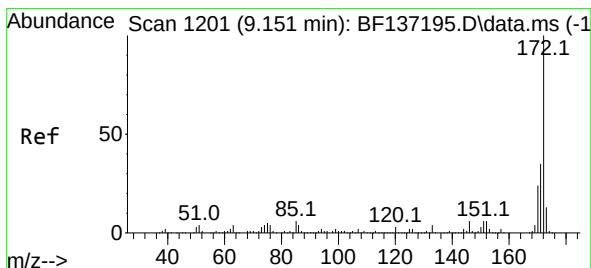
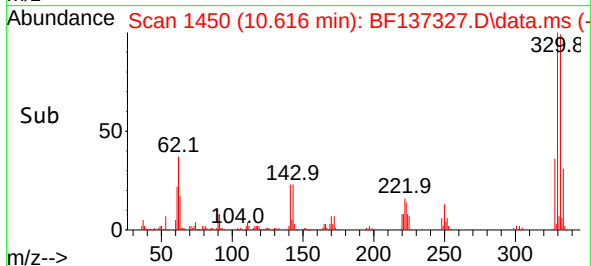
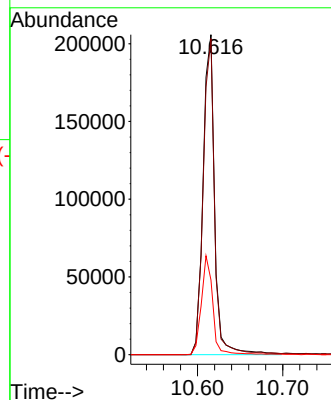
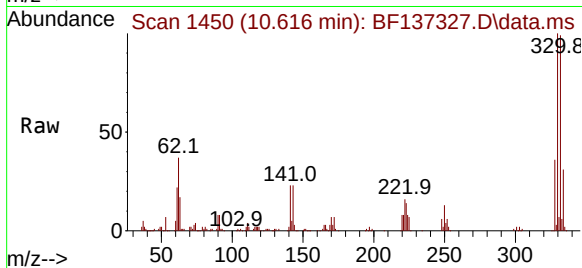
Tgt Ion:330 Resp: 193462

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

141 30.9 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 115.716 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

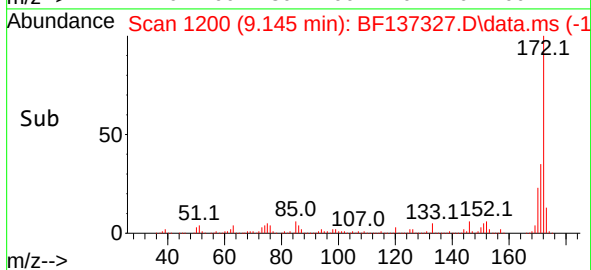
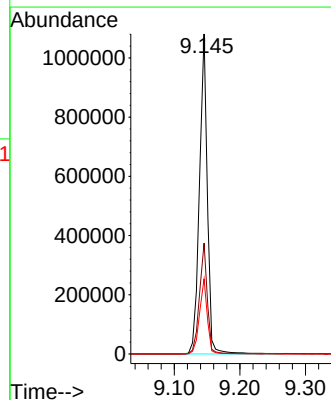
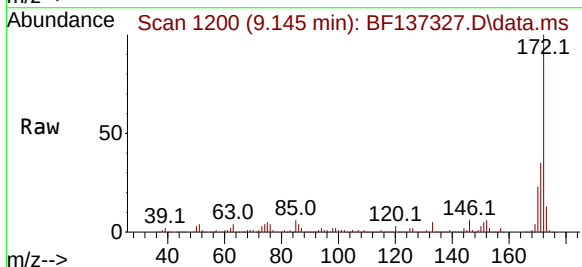
Tgt Ion:172 Resp: 911420

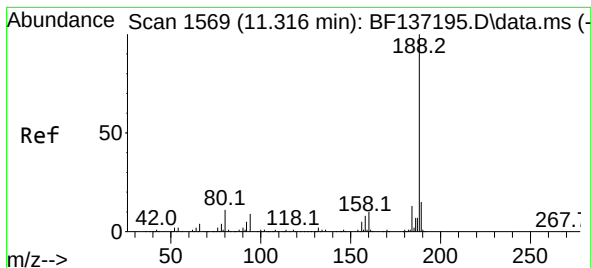
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

Instrument :

BNA_F

ClientSampleId :

EB-2-0-2D

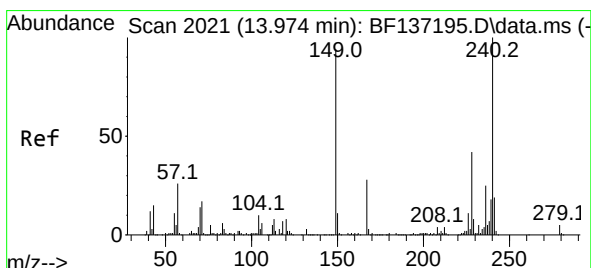
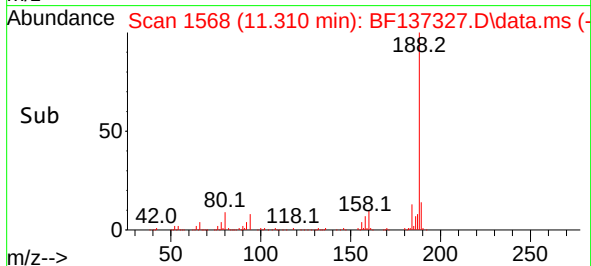
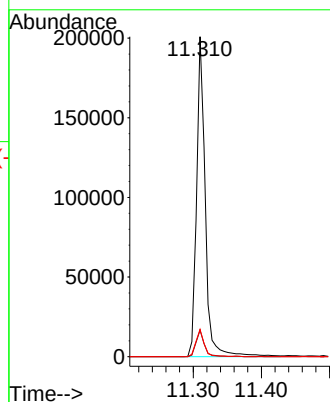
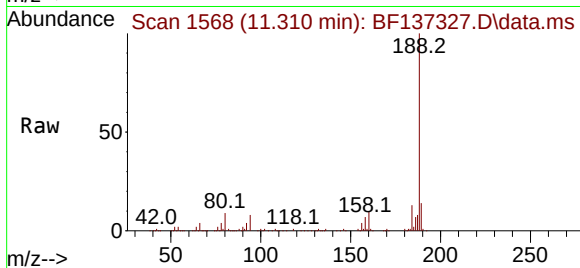
Tgt Ion:188 Resp: 177607

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 8.6 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF137327.D

Acq: 07 Feb 2024 18:35

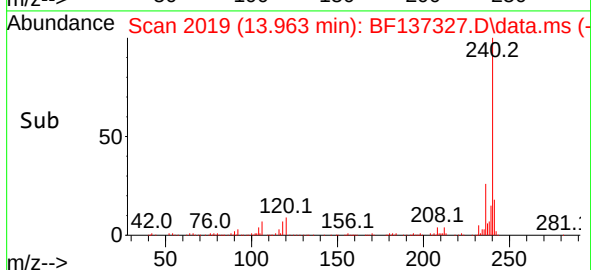
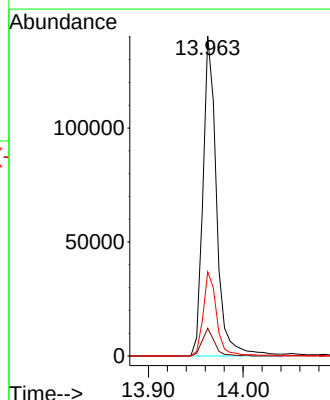
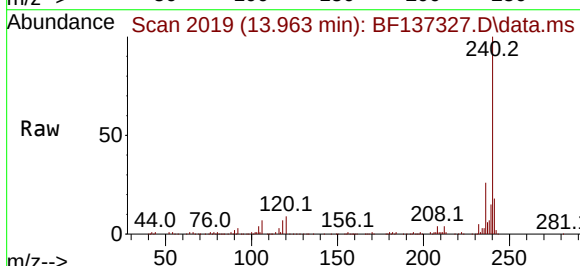
Tgt Ion:240 Resp: 140615

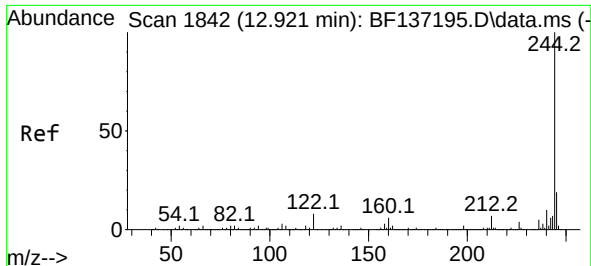
Ion Ratio Lower Upper

240 100

120 8.7 6.3 9.5

236 26.3 20.3 30.5

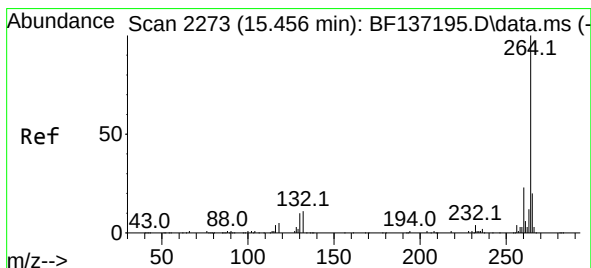
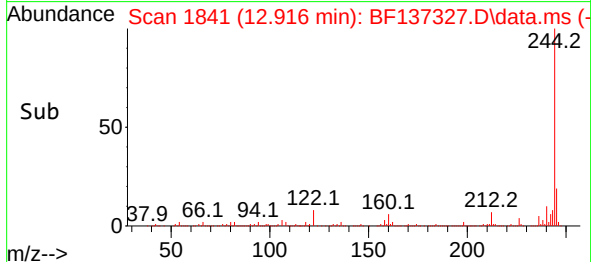
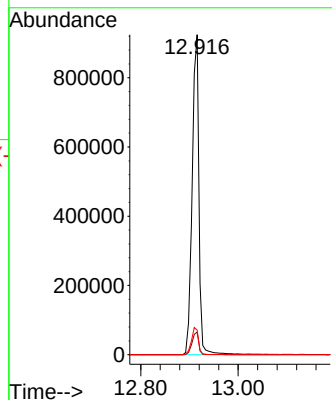
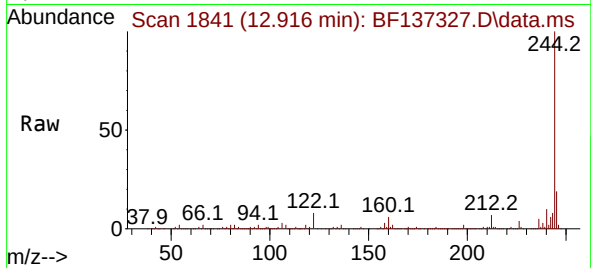




#79
 Terphenyl-d14
 Concen: 86.078 ng
 RT: 12.916 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137327.D
 Acq: 07 Feb 2024 18:35

Instrument :
 BNA_F
 ClientSampleId :
 EB-2-0-2D

Tgt Ion:244 Resp: 890353
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 7.7 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF137327.D
 Acq: 07 Feb 2024 18:35

Tgt Ion:264 Resp: 127117
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.4
 265 21.3 16.2 24.2

