

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
 Data File : BF137313.D
 Acq On : 07 Feb 2024 11:15
 Operator : CG\JU
 Sample : PB158865BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158865BL

Quant Time: Feb 07 11:48:41 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	52040	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	205681	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	123927	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	243439	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	201893	20.000	ng	0.00
86) Perylene-d12	15.451	264	177605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	465893	147.725	ng	0.01
7) Phenol-d6	6.422	99	598792	133.042	ng	0.00
23) Nitrobenzene-d5	7.351	82	412822	89.861	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	186719	133.411	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	754163	83.656	ng	0.00
79) Terphenyl-d14	12.916	244	997455	67.164	ng	0.00

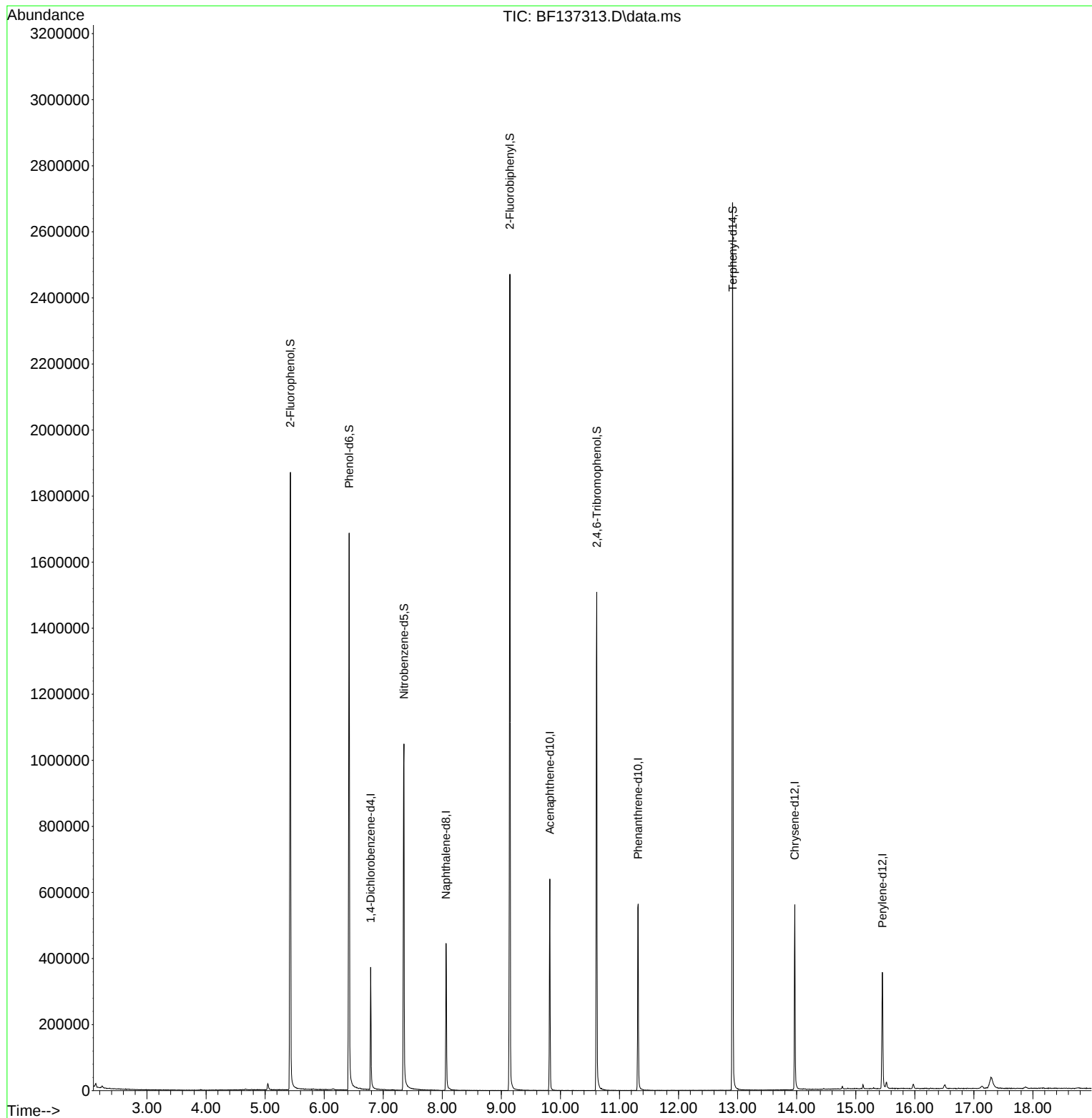
Target Compounds	Qvalue

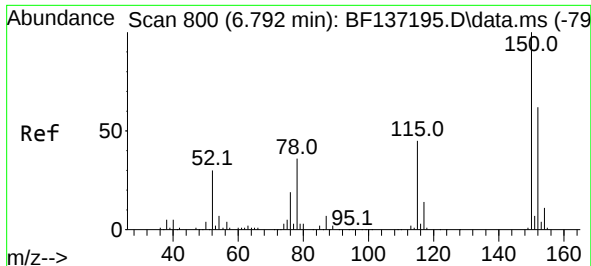
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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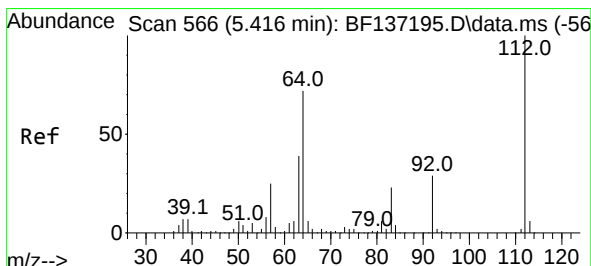
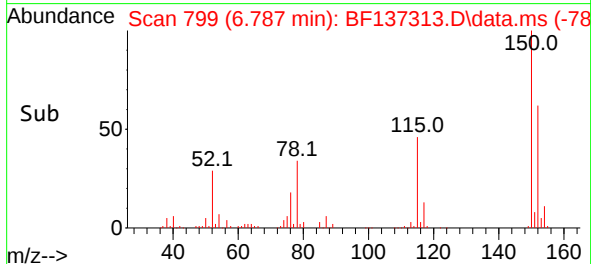
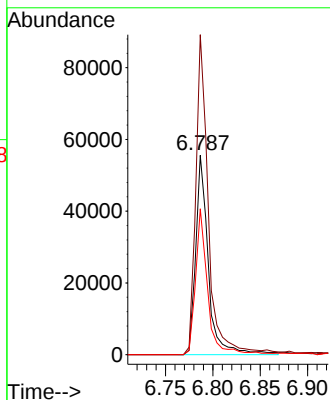
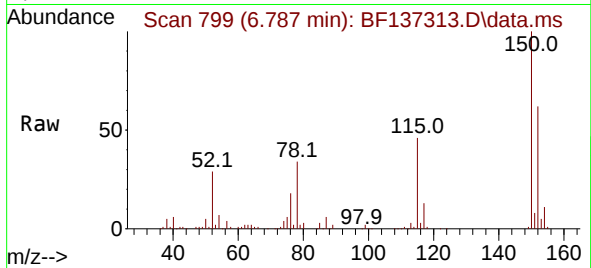




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

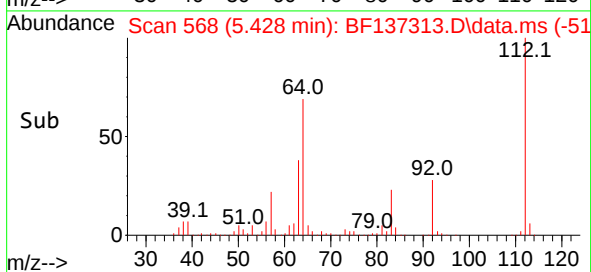
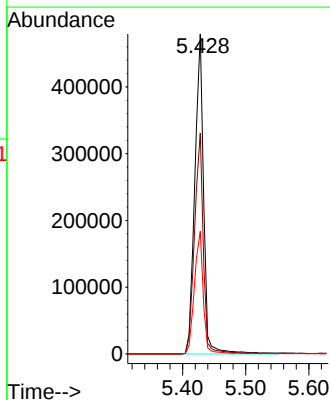
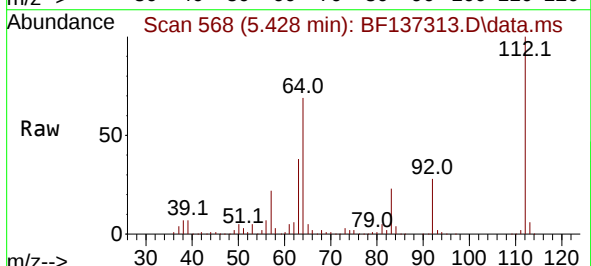
Instrument :
BNA_F
ClientSampleId :
PB158865BL

Tgt Ion:152 Resp: 52040
Ion Ratio Lower Upper
152 100
150 160.5 129.8 194.8
115 73.2 58.5 87.7



#5
2-Fluorophenol
Concen: 147.725 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

Tgt Ion:112 Resp: 465893
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.6
63 38.4 31.4 47.0

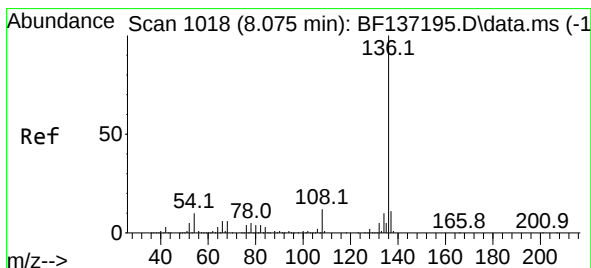
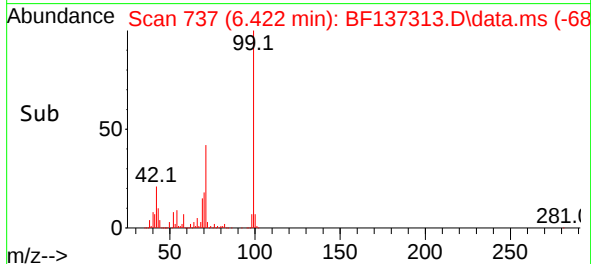
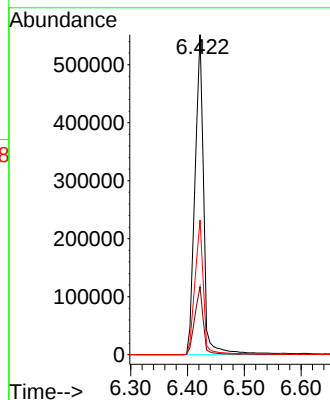
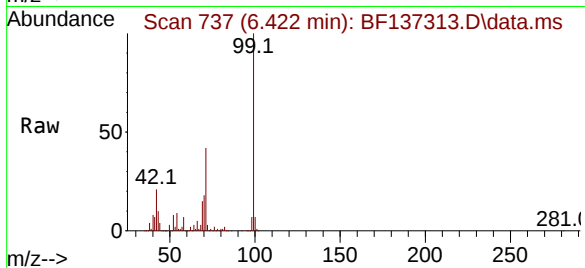




#7
Phenol-d6
Concen: 133.042 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137313.D
Acq: 07 Feb 2024 11:15

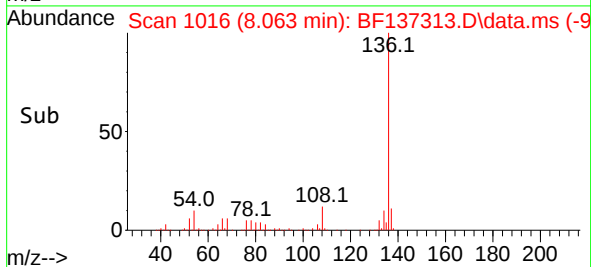
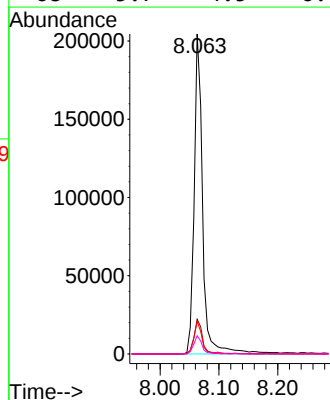
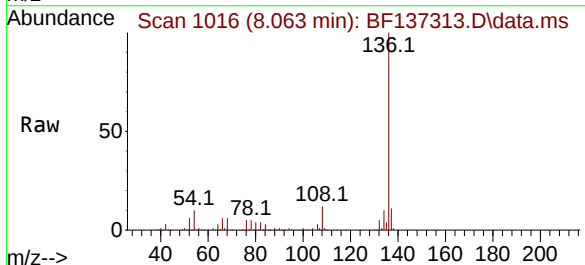
Instrument :
BNA_F
ClientSampleId :
PB158865BL

Tgt Ion: 99 Resp: 598792
Ion Ratio Lower Upper
99 100
42 21.2 16.4 24.6
71 42.1 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: BF137313.D
Acq: 07 Feb 2024 11:15

Tgt Ion: 136 Resp: 205681
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.1 7.8 11.8
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 89.861 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137313.D

Acq: 07 Feb 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB158865BL

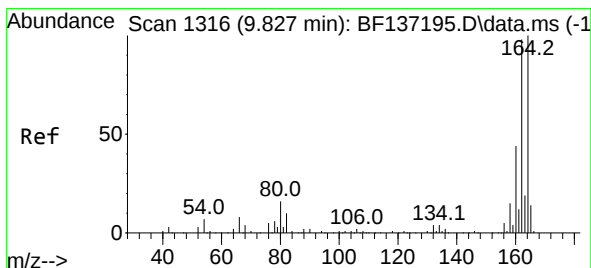
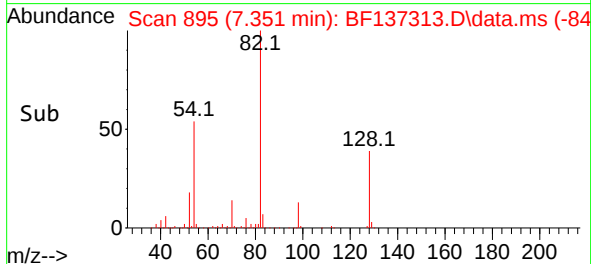
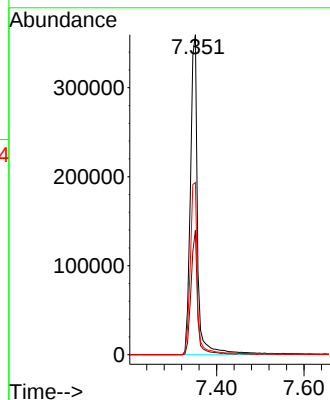
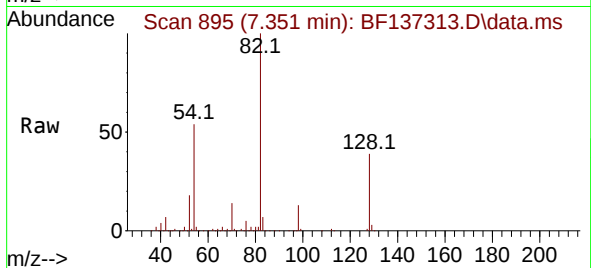
Tgt Ion: 82 Resp: 412822

Ion Ratio Lower Upper

82 100

128 38.9 29.1 43.7

54 53.8 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: BF137313.D

Acq: 07 Feb 2024 11:15

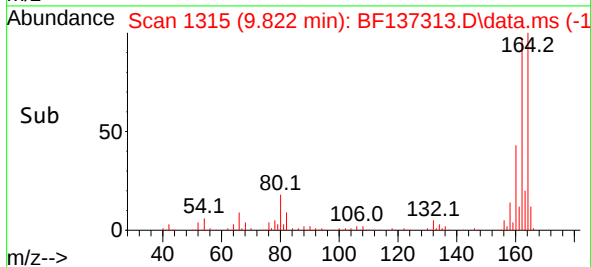
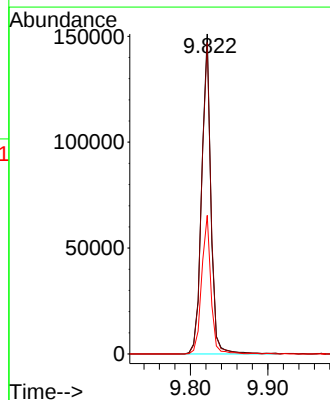
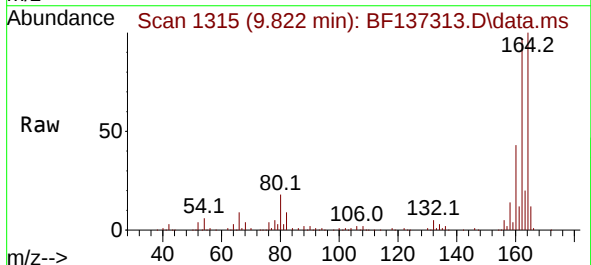
Tgt Ion:164 Resp: 123927

Ion Ratio Lower Upper

164 100

162 97.3 78.3 117.5

160 43.3 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 133.411 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137313.D

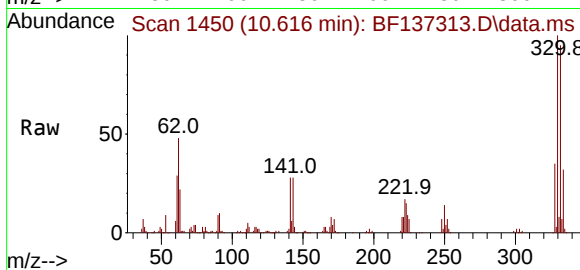
Acq: 07 Feb 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB158865BL



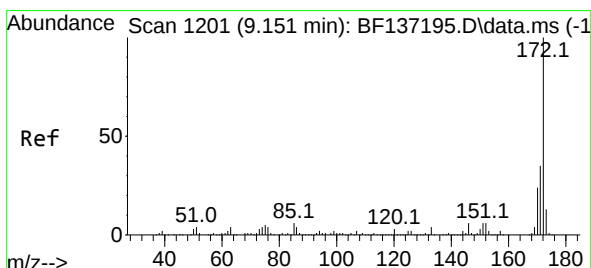
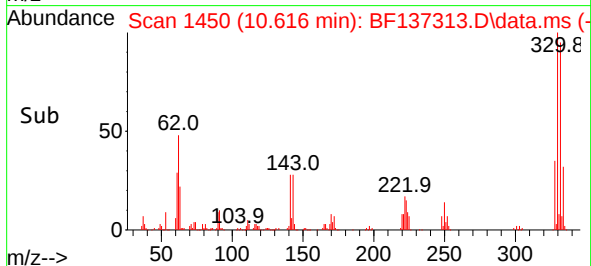
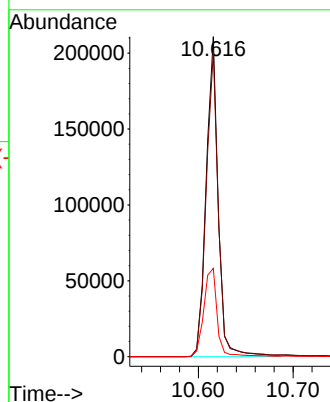
Tgt Ion:330 Resp: 186719

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 31.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 83.656 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137313.D

Acq: 07 Feb 2024 11:15

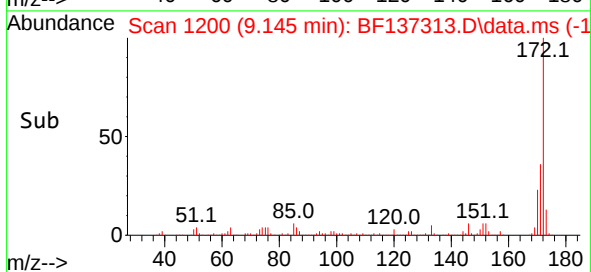
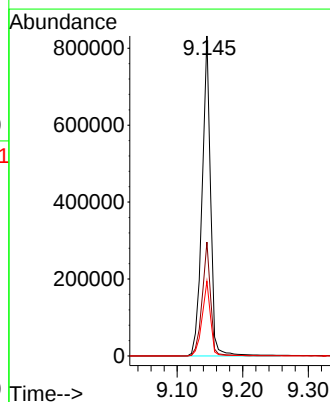
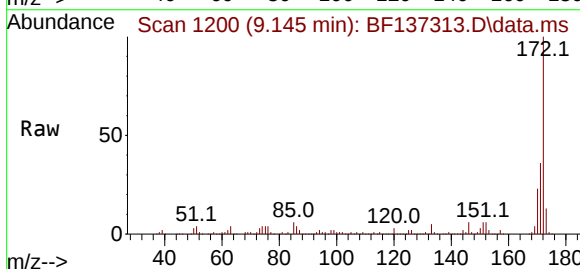
Tgt Ion:172 Resp: 754163

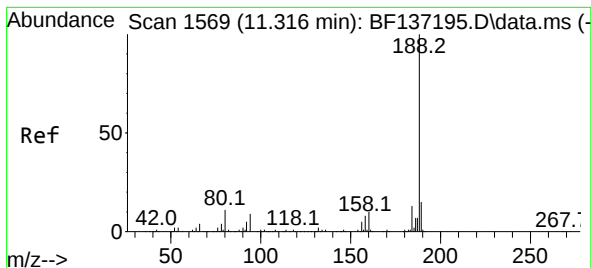
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137313.D

Acq: 07 Feb 2024 11:15

Instrument :

BNA_F

ClientSampleId :

PB158865BL

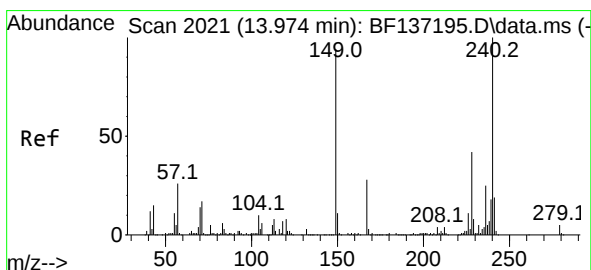
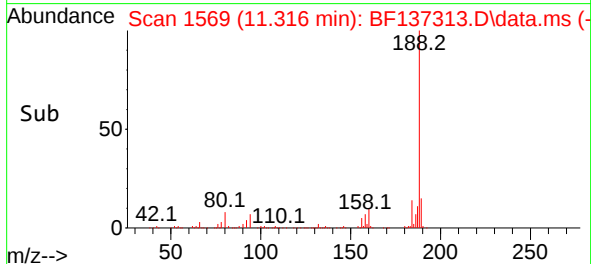
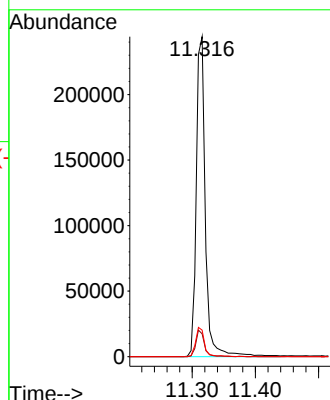
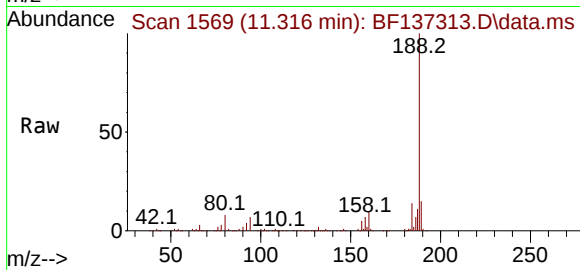
Tgt Ion:188 Resp: 243439

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.4

80 8.3 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137313.D

Acq: 07 Feb 2024 11:15

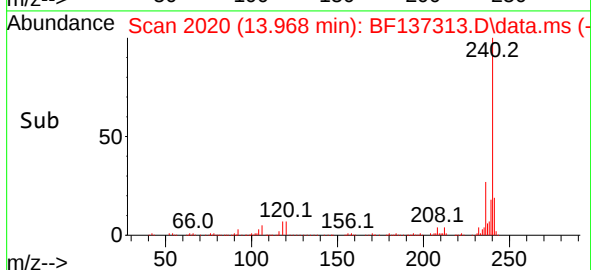
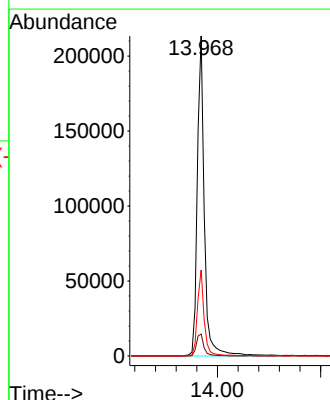
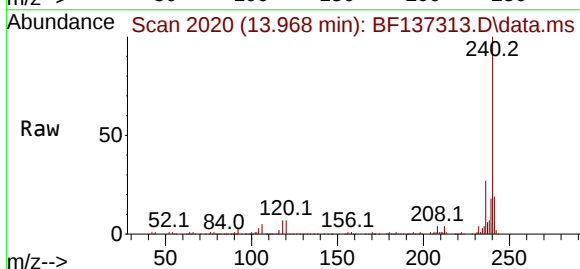
Tgt Ion:240 Resp: 201893

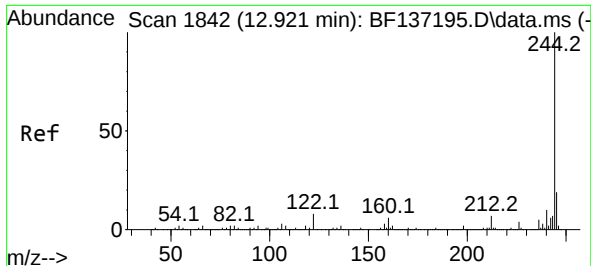
Ion Ratio Lower Upper

240 100

120 6.8 6.3 9.5

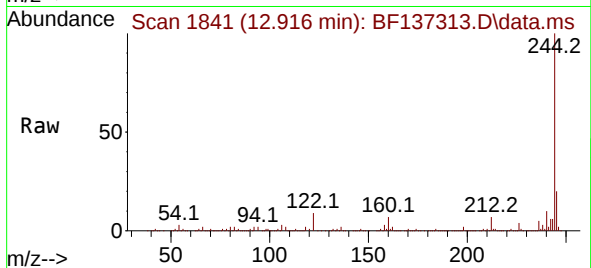
236 26.9 20.3 30.5



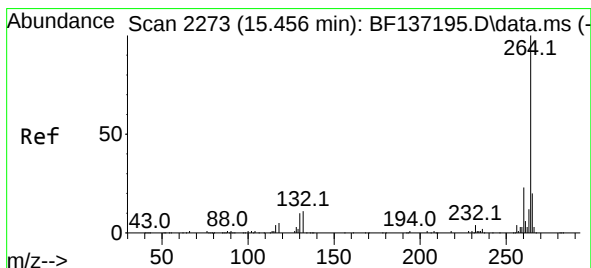
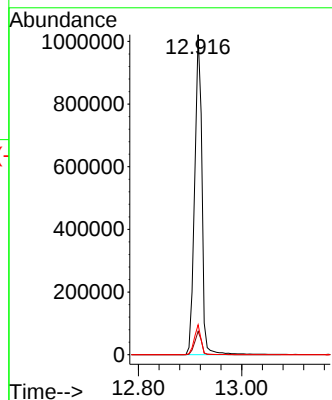
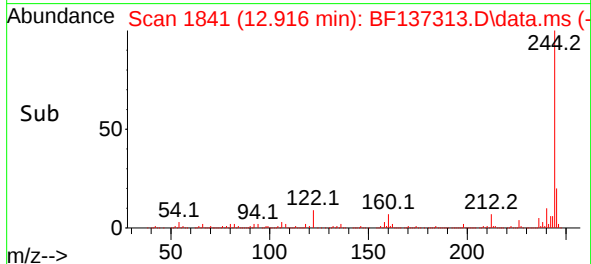


#79
 Terphenyl-d14
 Concen: 67.164 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137313.D
 Acq: 07 Feb 2024 11:15

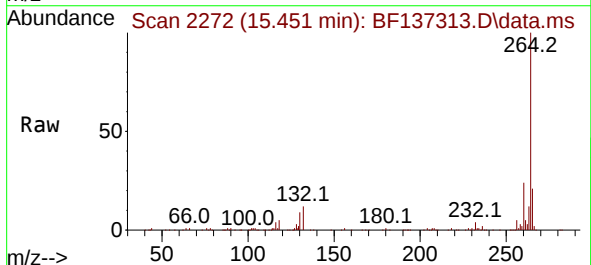
Instrument :
 BNA_F
 ClientSampleId :
 PB158865BL



Tgt Ion:244 Resp: 997455
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 9.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137313.D
 Acq: 07 Feb 2024 11:15



Tgt Ion:264 Resp: 177605
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.3 16.2 24.2

