

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
 Data File : BF137303.D
 Acq On : 06 Feb 2024 20:50
 Operator : CG\JU
 Sample : P1337-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 07 01:05:35 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)

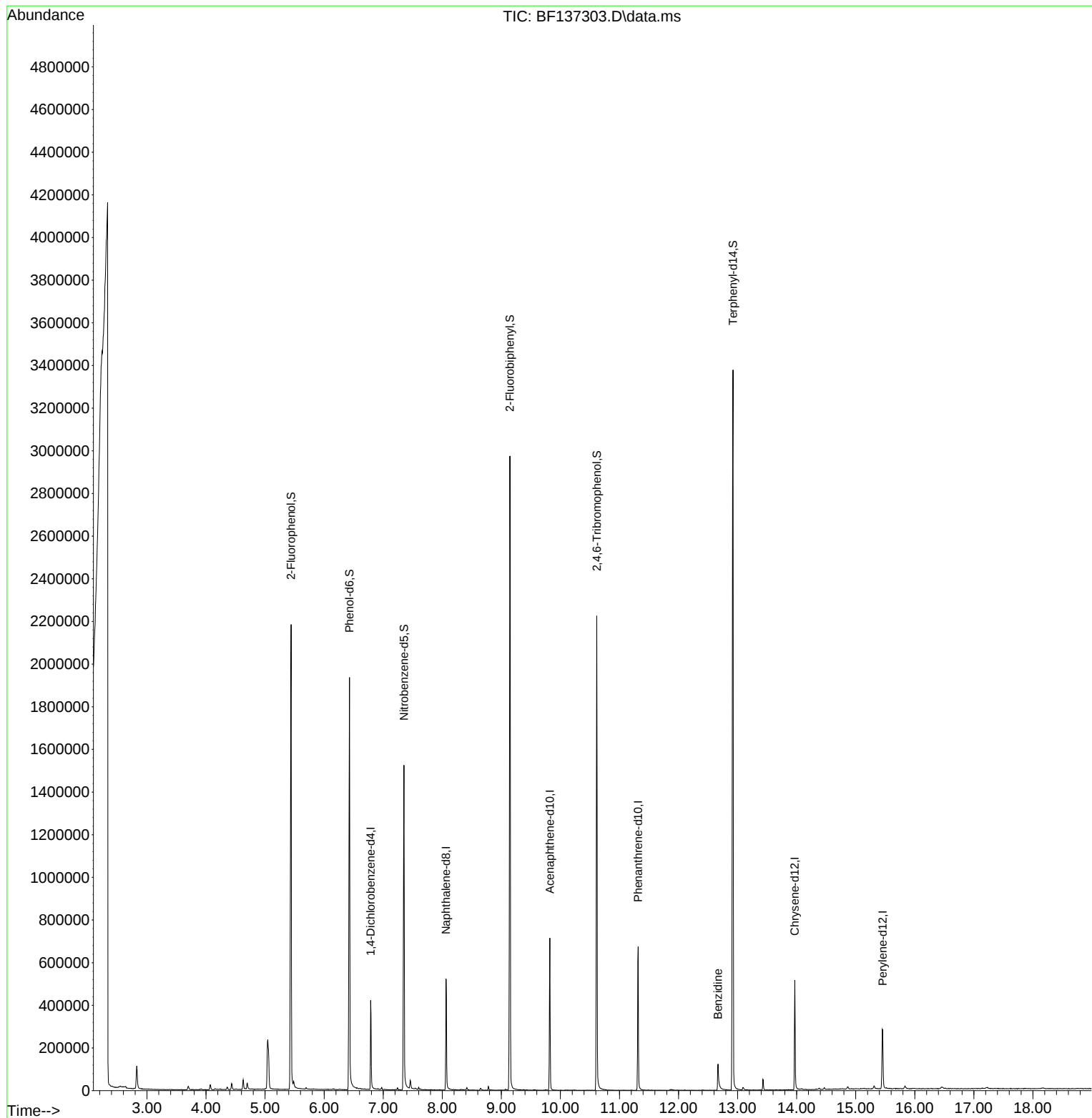
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	60773	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	234124	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	138125	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	273093	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	177693	20.000	ng	0.00
86) Perylene-d12	15.457	264	154587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	575403	156.231	ng	0.02
7) Phenol-d6	6.428	99	673449	128.128	ng	0.00
23) Nitrobenzene-d5	7.351	82	551493	105.462	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	270572	173.453	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1002871	99.809	ng	0.00
79) Terphenyl-d14	12.922	244	1306765	99.974	ng	0.00
Target Compounds						
77) Benzidine	12.669	184	80426	25.276	ng	Qvalue 99

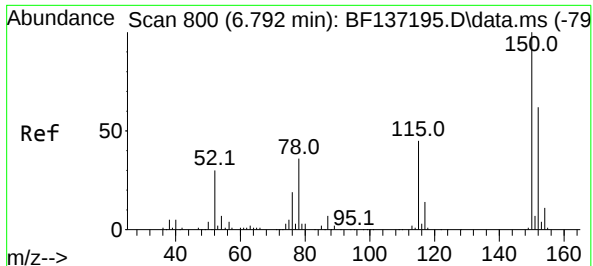
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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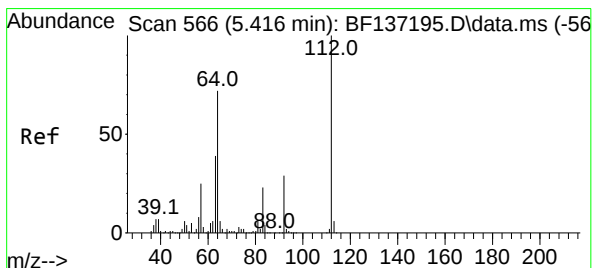
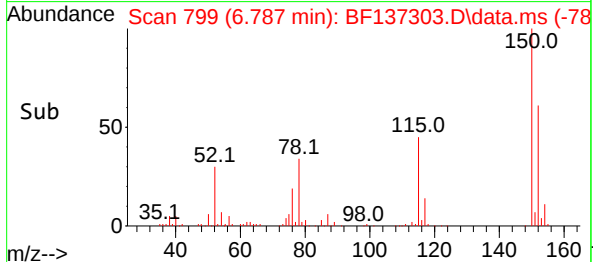
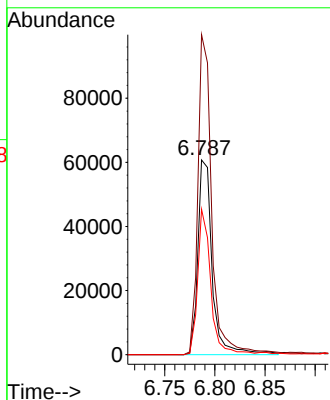
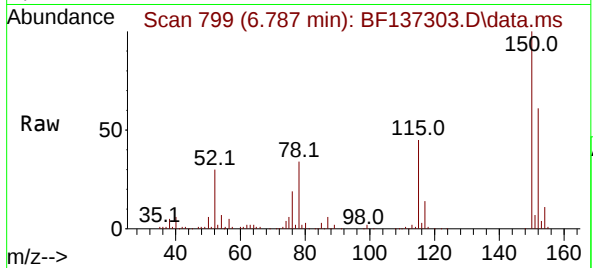




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

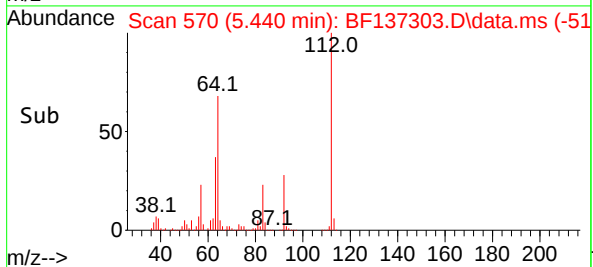
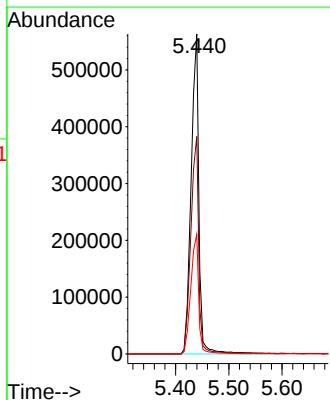
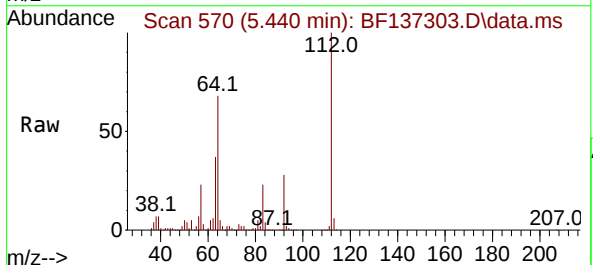
Instrument :
BNA_F
ClientSampleId :
TP-2

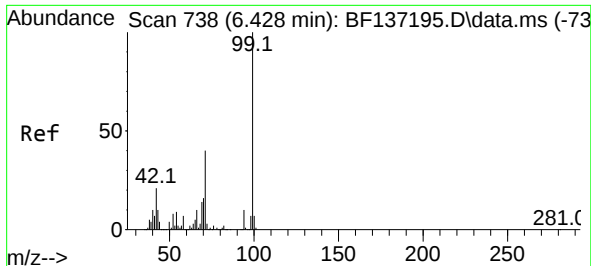
Tgt Ion:152 Resp: 60773
Ion Ratio Lower Upper
152 100
150 164.3 129.8 194.8
115 74.7 58.5 87.7



#5
2-Fluorophenol
Concen: 156.231 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:112 Resp: 575403
Ion Ratio Lower Upper
112 100
64 67.9 57.8 86.6
63 37.4 31.4 47.0

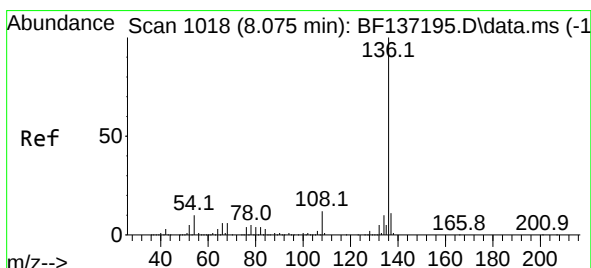
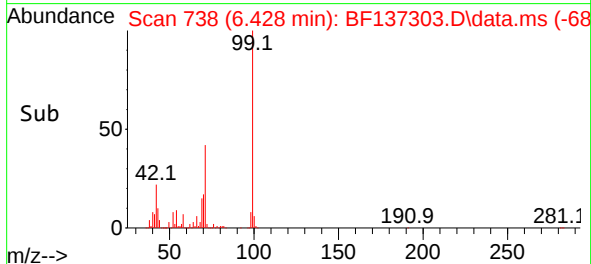
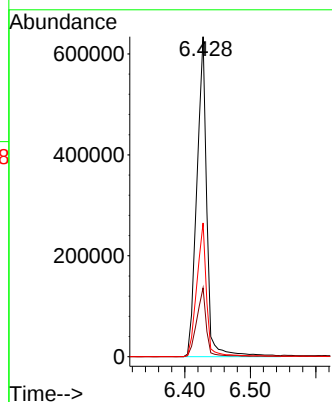
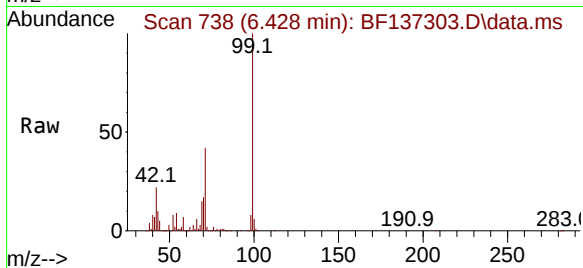




#7
Phenol-d6
Concen: 128.128 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

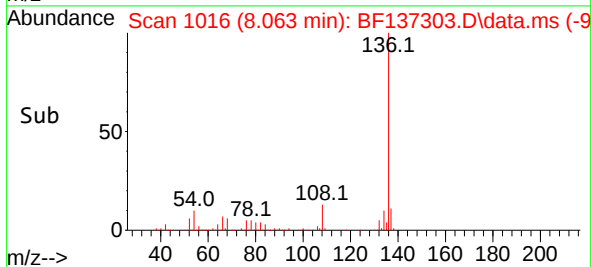
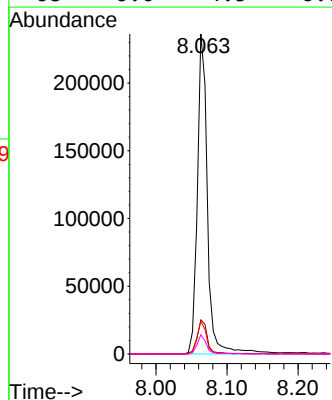
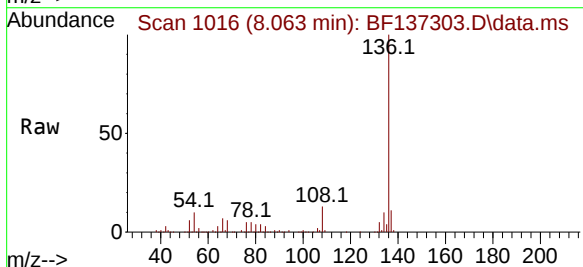
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:	99	Resp:	673449
Ion	Ratio	Lower	Upper
99	100		
42	21.5	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: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:	136	Resp:	234124
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.3	7.8	11.8
68	6.0	4.5	6.7





#23

Nitrobenzene-d5

Concen: 105.462 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2

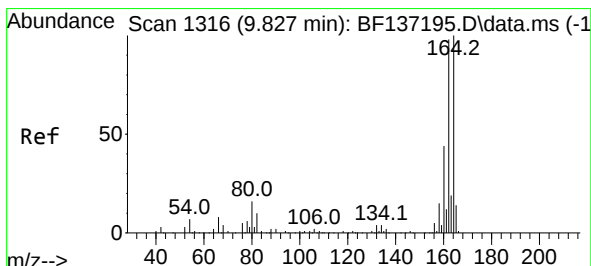
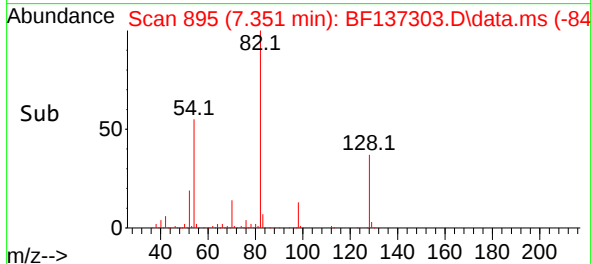
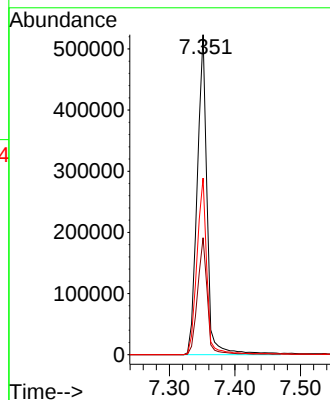
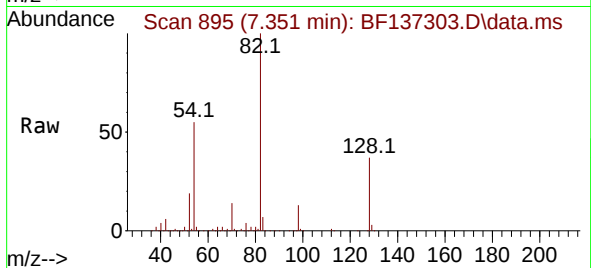
Tgt Ion: 82 Resp: 551493

Ion Ratio Lower Upper

82 100

128 36.5 29.1 43.7

54 55.2 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: BF137303.D

Acq: 06 Feb 2024 20:50

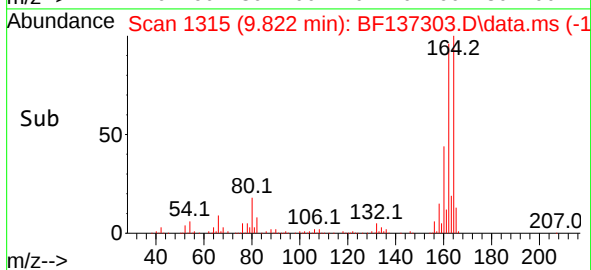
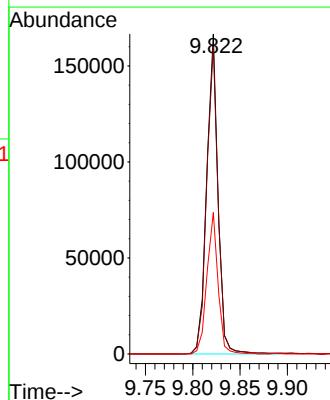
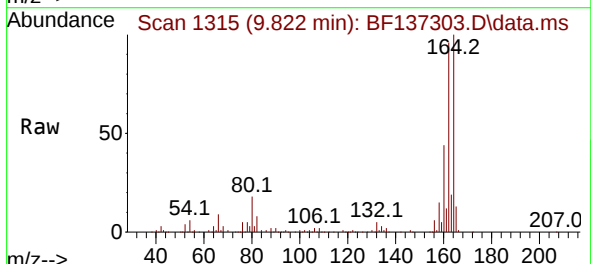
Tgt Ion: 164 Resp: 138125

Ion Ratio Lower Upper

164 100

162 96.2 78.3 117.5

160 44.2 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 173.453 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2

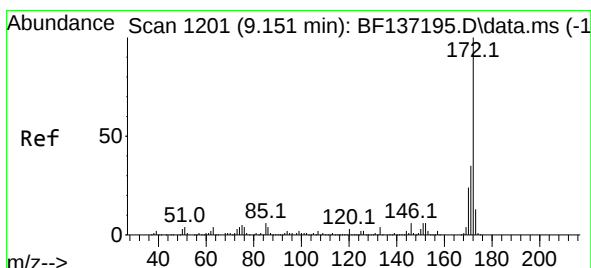
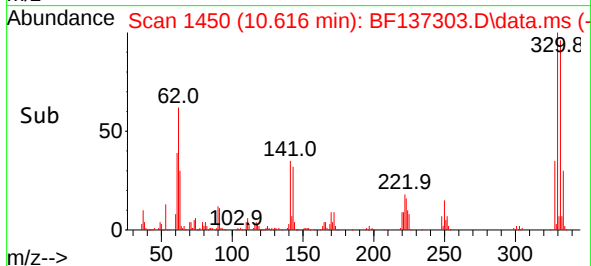
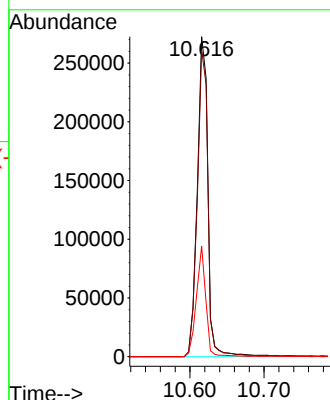
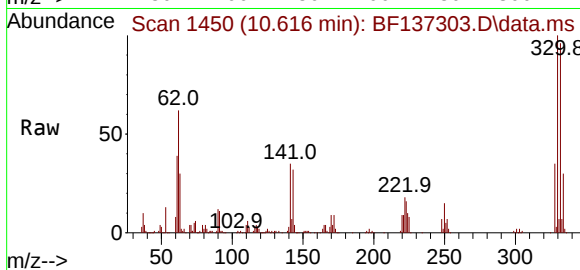
Tgt Ion:330 Resp: 270572

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 31.1 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 99.809 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

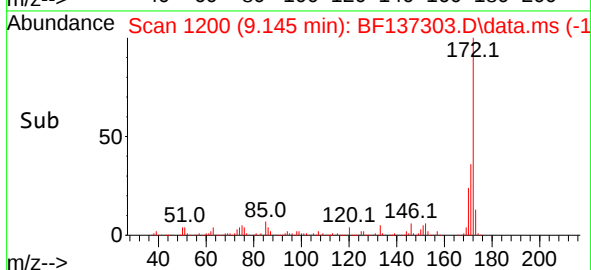
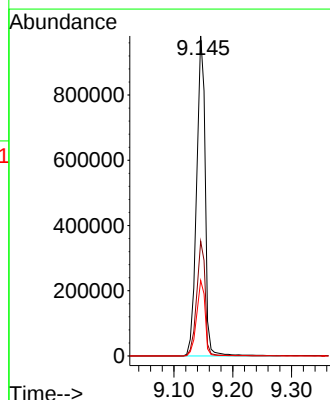
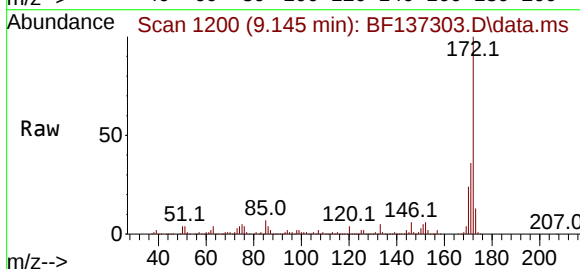
Tgt Ion:172 Resp: 1002871

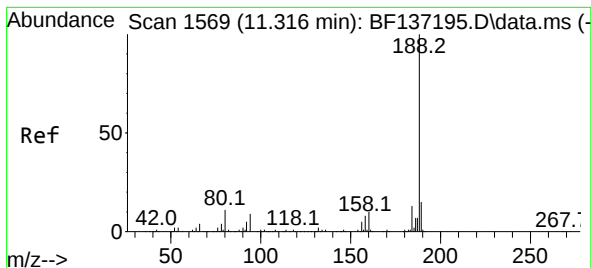
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 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: BF137303.D

Acq: 06 Feb 2024 20:50

Instrument :

BNA_F

ClientSampleId :

TP-2

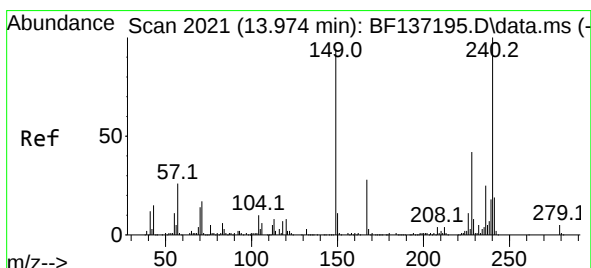
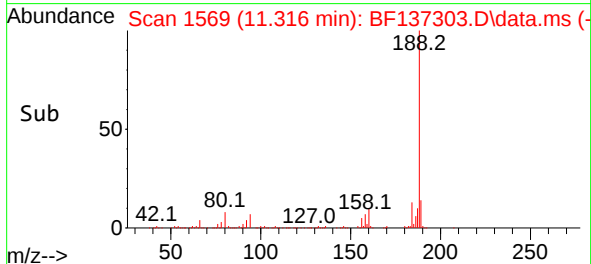
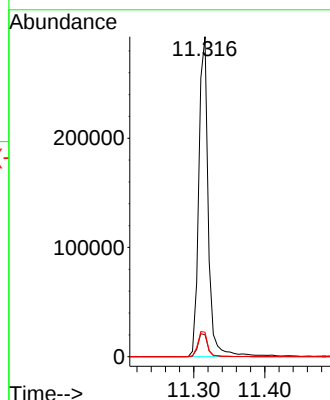
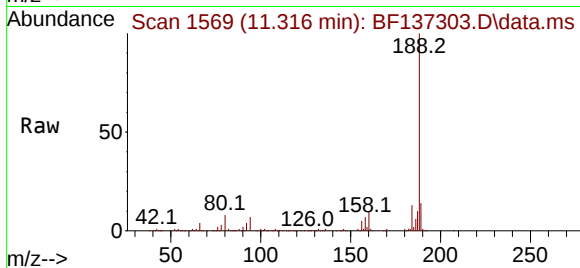
Tgt Ion:188 Resp: 273093

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.4#

80 7.6 8.8 13.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137303.D

Acq: 06 Feb 2024 20:50

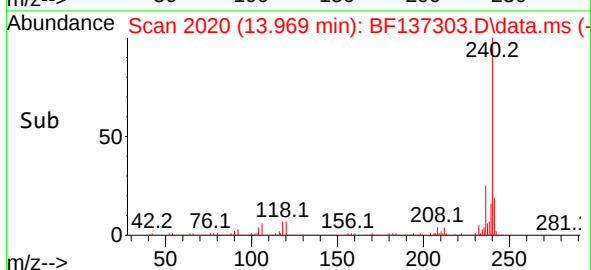
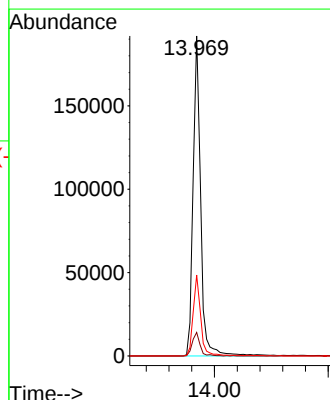
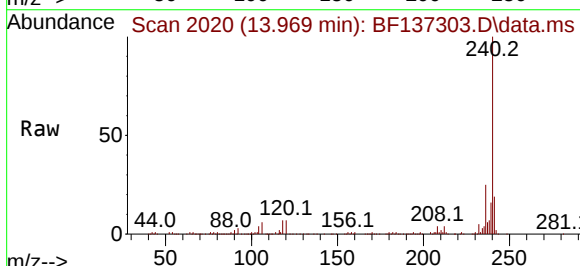
Tgt Ion:240 Resp: 177693

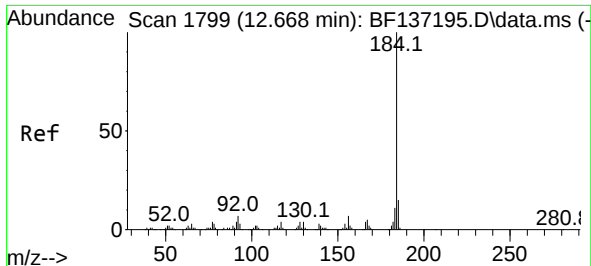
Ion Ratio Lower Upper

240 100

120 7.4 6.3 9.5

236 25.3 20.3 30.5

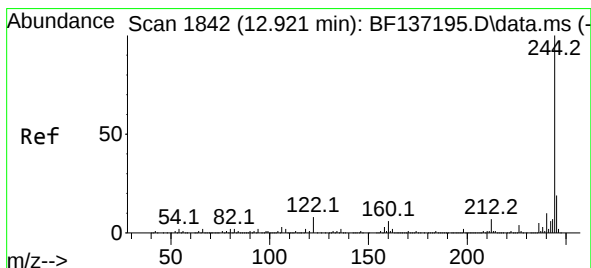
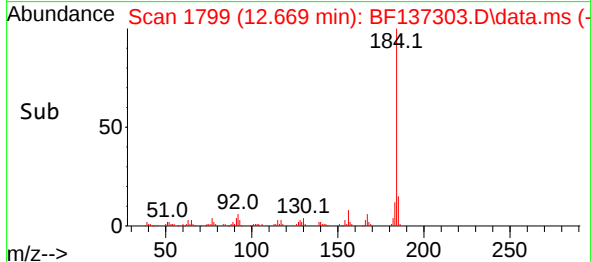
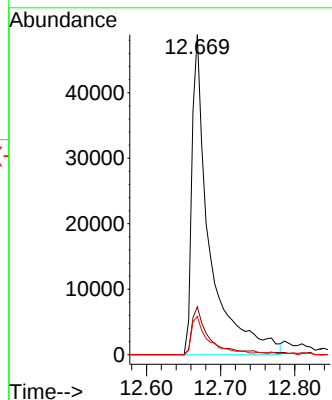
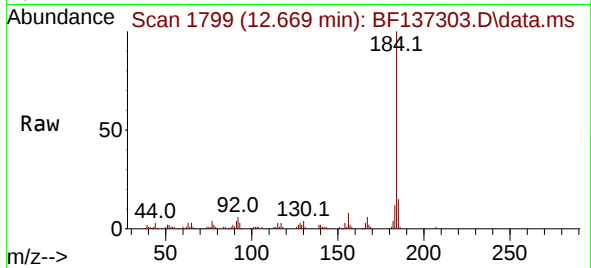




#77
Benzidine
Concen: 25.276 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.001 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

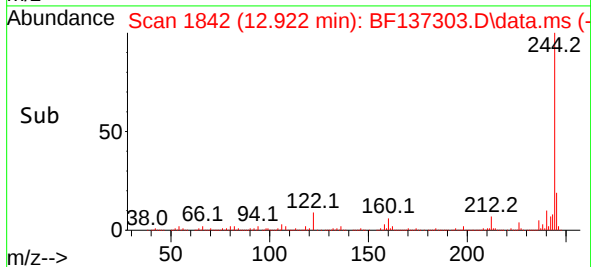
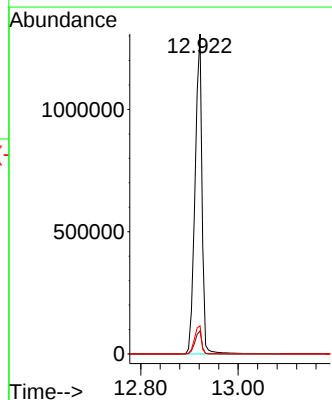
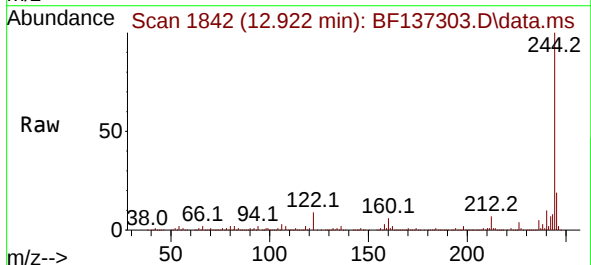
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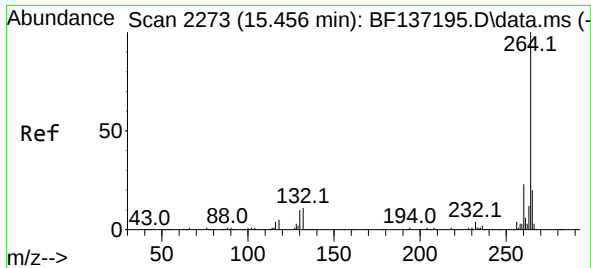
Tgt Ion:184 Resp: 80426
Ion Ratio Lower Upper
184 100
185 14.9 11.9 17.9
183 12.0 8.8 13.2



#79
Terphenyl-d14
Concen: 99.974 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF137303.D
Acq: 06 Feb 2024 20:50

Tgt Ion:244 Resp: 1306765
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 8.8 6.2 9.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137303.D
 Acq: 06 Feb 2024 20:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 154587
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.8 16.2 24.2

