

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020624\
Data File : BF137302.D
Acq On : 06 Feb 2024 20:20
Operator : CG\JU
Sample : P1337-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Feb 07 01:05:09 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	59528	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	230692	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	136878	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	253077	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	166239	20.000	ng	0.00
86) Perylene-d12	15.457	264	140810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	619176	171.632	ng	0.02
7) Phenol-d6	6.428	99	752355	146.134	ng	0.00
23) Nitrobenzene-d5	7.351	82	574946	111.583	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	289436	187.236	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1071789	107.640	ng	0.00
79) Terphenyl-d14	12.921	244	1331461	108.882	ng	0.00

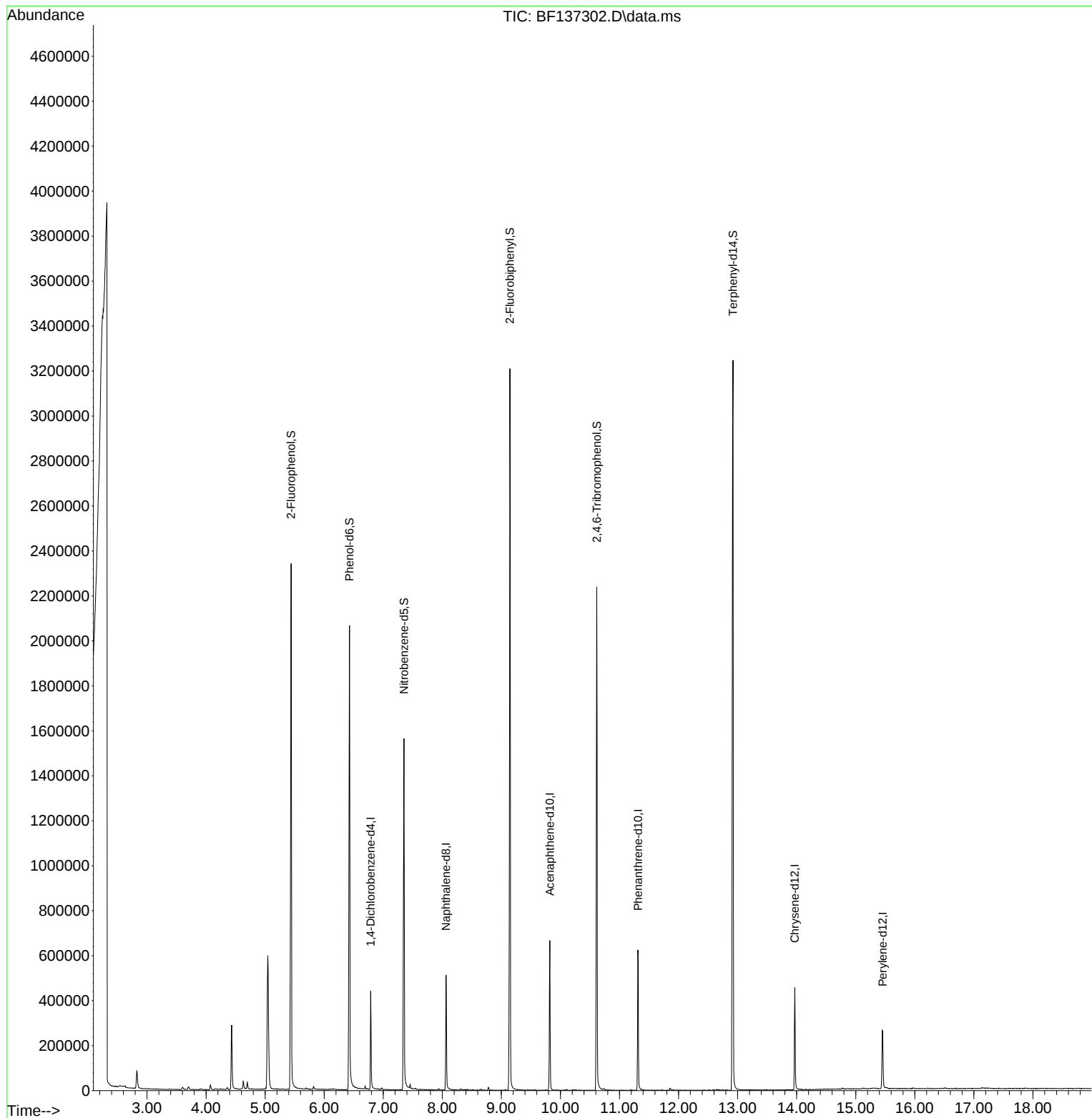
Target Compounds	Qvalue

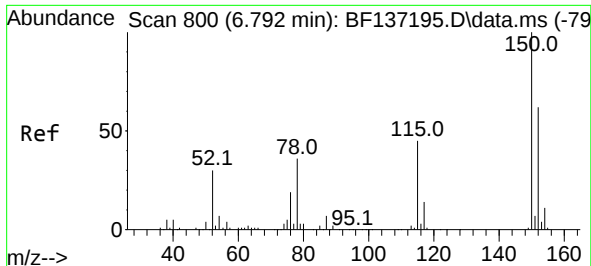
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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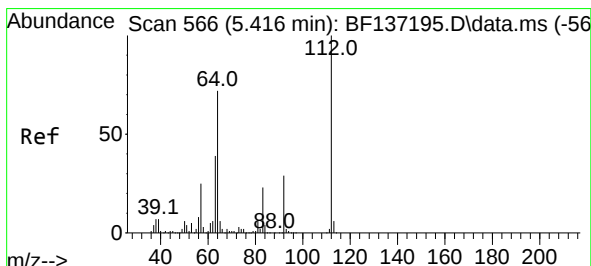
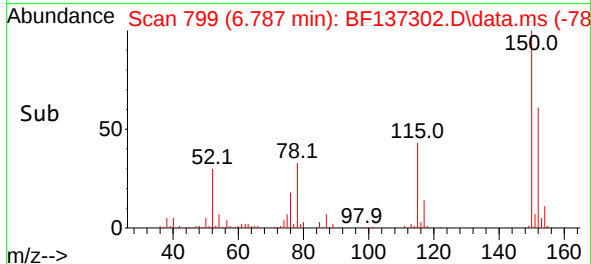
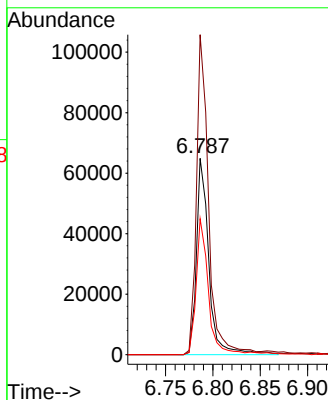
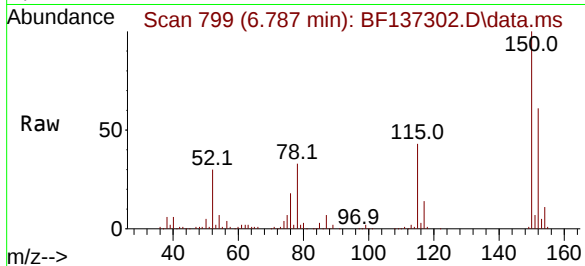




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

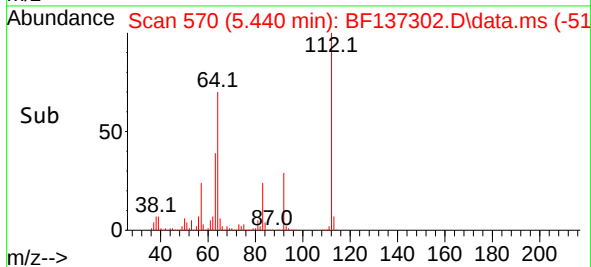
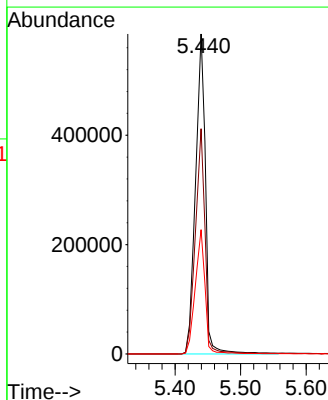
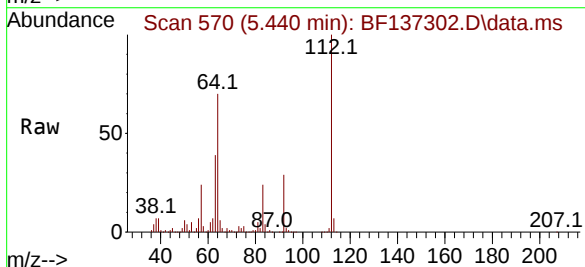
Instrument :
BNA_F
ClientSampleId :
TP-1

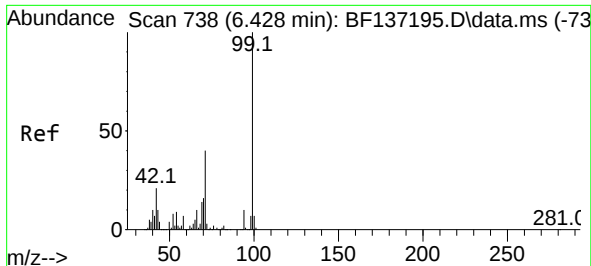
Tgt Ion:152 Resp: 59528
Ion Ratio Lower Upper
152 100
150 163.0 129.8 194.8
115 69.3 58.5 87.7



#5
2-Fluorophenol
Concen: 171.632 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion:112 Resp: 619176
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.6
63 38.8 31.4 47.0





#7
Phenol-d6
Concen: 146.134 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

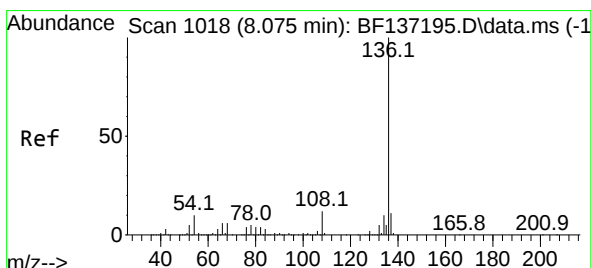
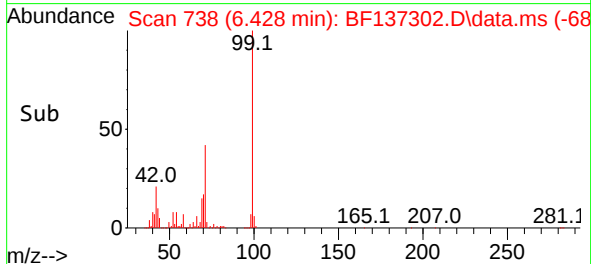
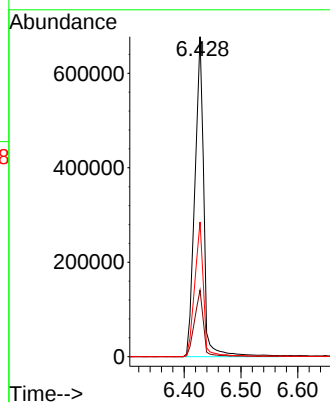
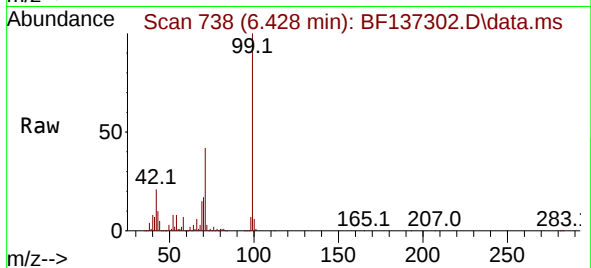
Instrument :

BNA_F

ClientSampleId :

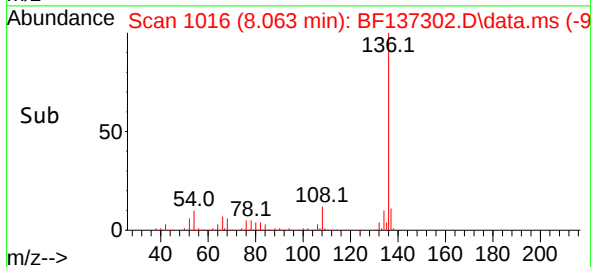
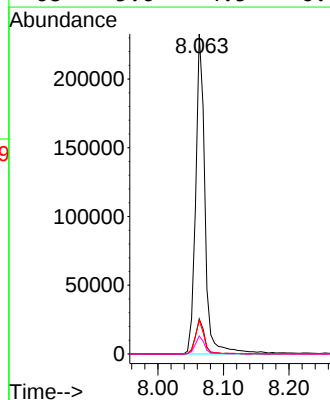
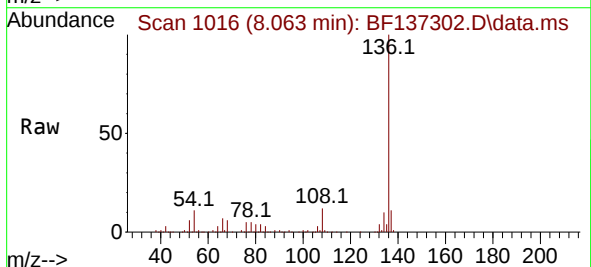
TP-1

Tgt Ion: 99 Resp: 752355
Ion Ratio Lower Upper
99 100
42 20.8 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: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion: 136 Resp: 230692
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.5 7.8 11.8
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 111.583 ng

RT: 7.351 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1

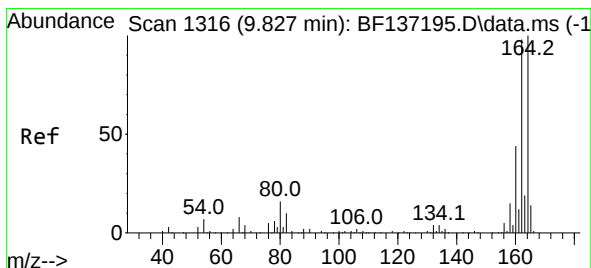
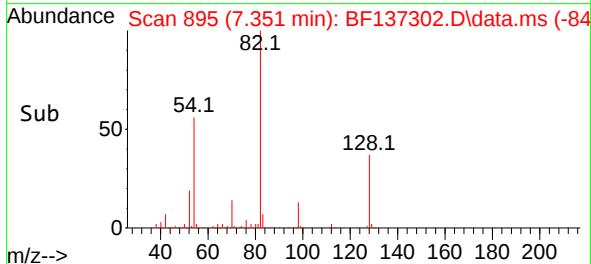
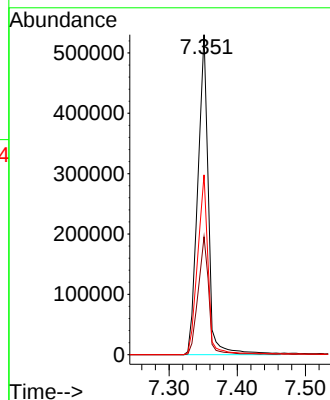
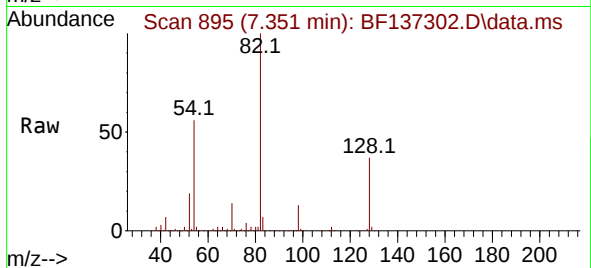
Tgt Ion: 82 Resp: 574946

Ion Ratio Lower Upper

82 100

128 36.9 29.1 43.7

54 56.2 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: BF137302.D

Acq: 06 Feb 2024 20:20

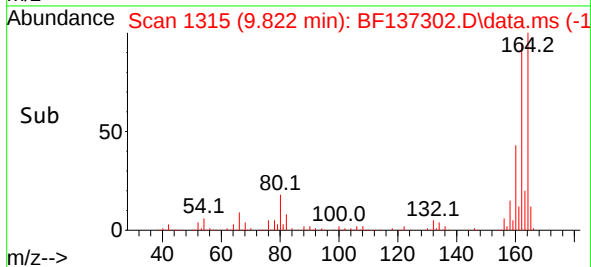
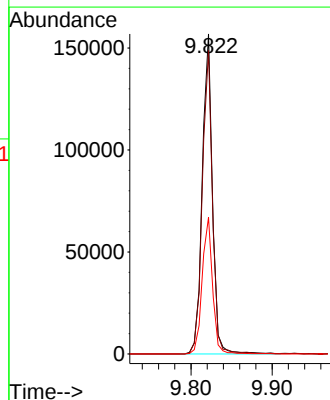
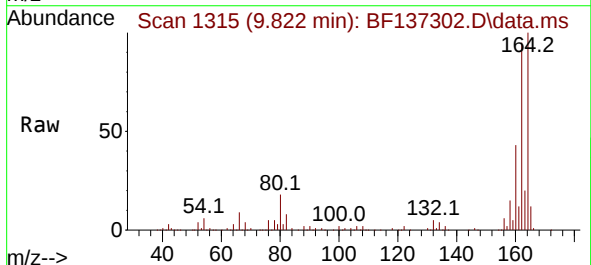
Tgt Ion:164 Resp: 136878

Ion Ratio Lower Upper

164 100

162 94.8 78.3 117.5

160 42.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 187.236 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

Instrument :

BNA_F

ClientSampleId :

TP-1

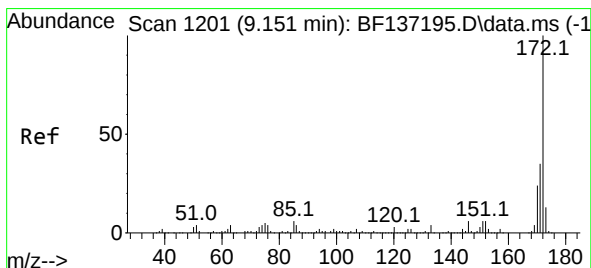
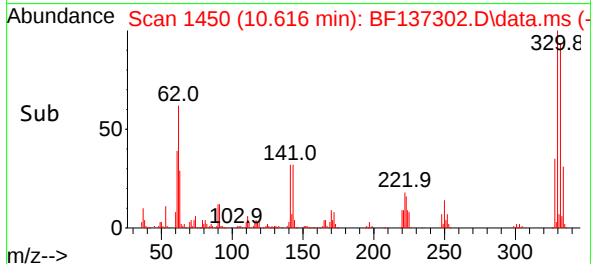
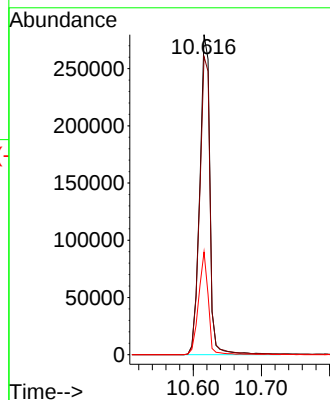
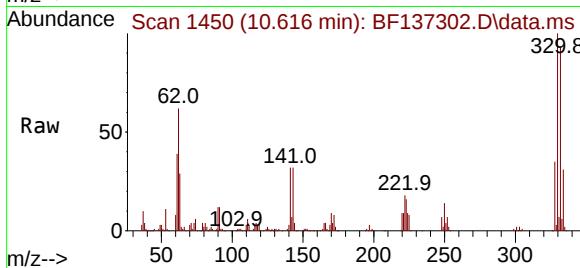
Tgt Ion:330 Resp: 289436

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 30.4 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 107.640 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137302.D

Acq: 06 Feb 2024 20:20

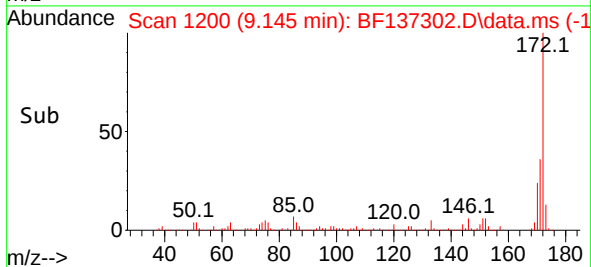
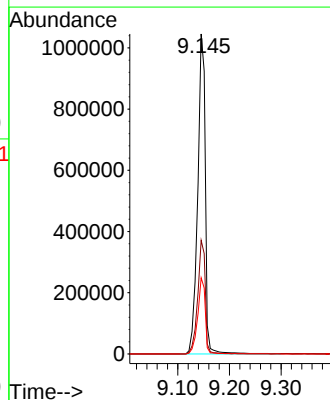
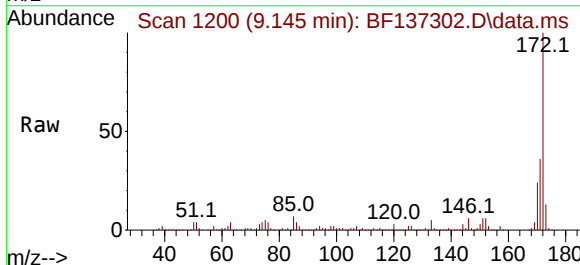
Tgt Ion:172 Resp: 1071789

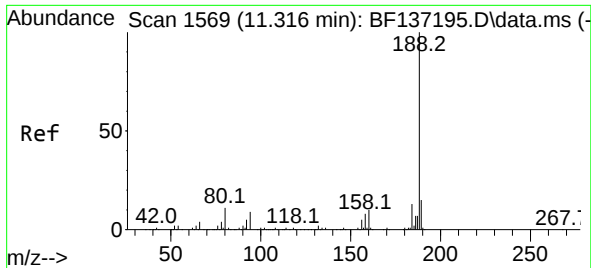
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.8 19.1 28.7

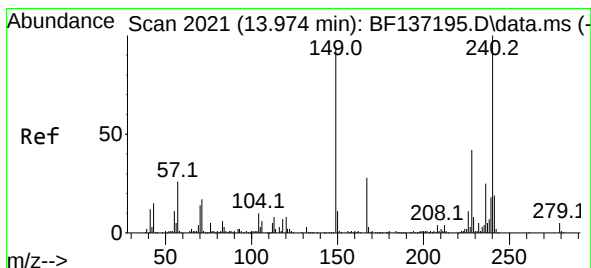
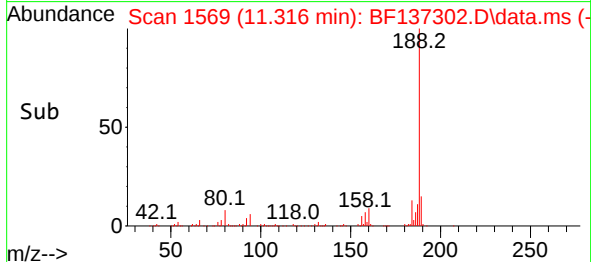
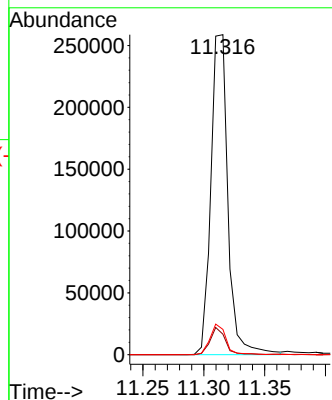
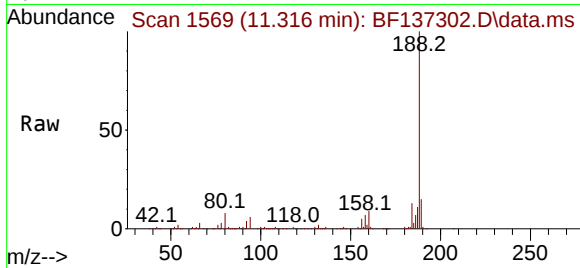




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

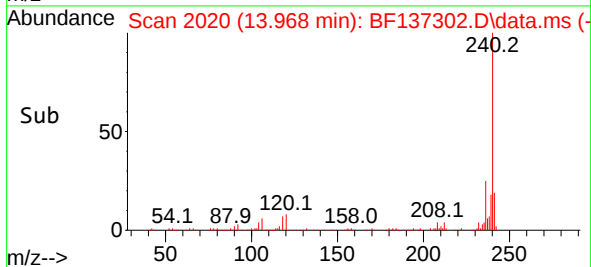
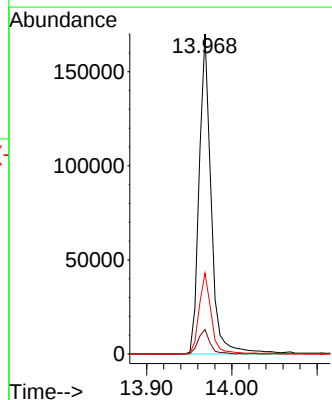
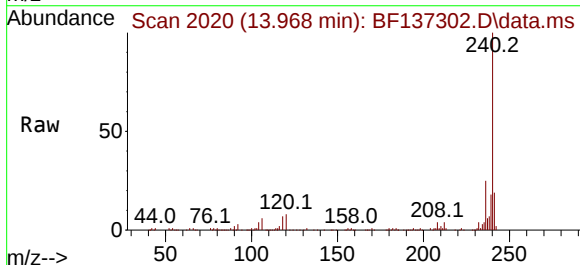
Instrument :
BNA_F
ClientSampleId :
TP-1

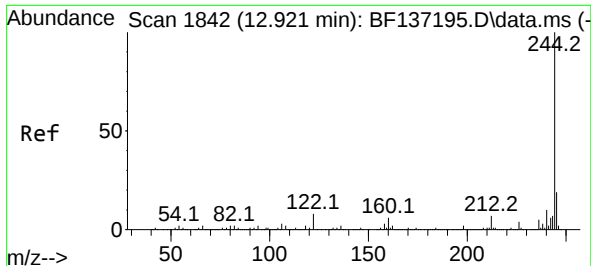
Tgt Ion:188 Resp: 253077
Ion Ratio Lower Upper
188 100
94 6.4 7.0 10.4#
80 7.9 8.8 13.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF137302.D
Acq: 06 Feb 2024 20:20

Tgt Ion:240 Resp: 166239
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.2 20.3 30.5

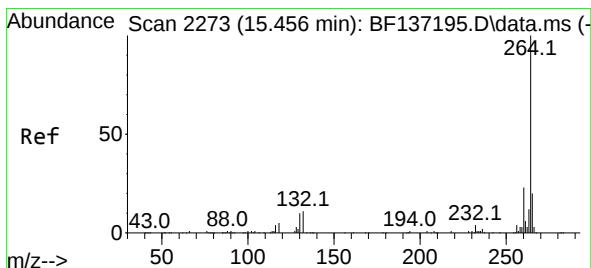
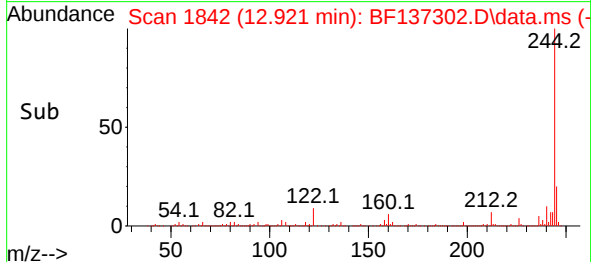
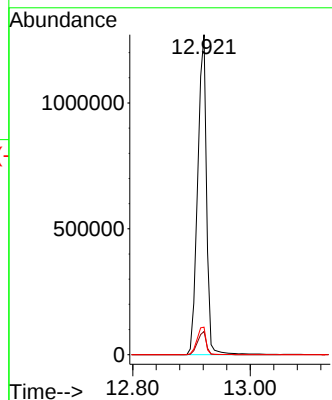
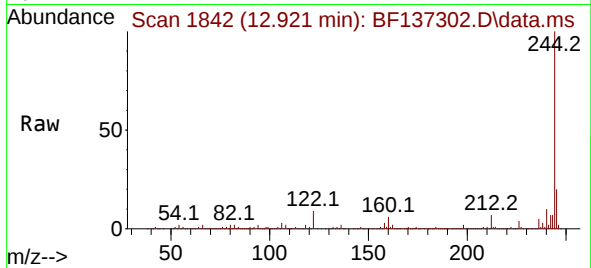




#79
 Terphenyl-d14
 Concen: 108.882 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137302.D
 Acq: 06 Feb 2024 20:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1331461
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 8.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF137302.D
 Acq: 06 Feb 2024 20:20

Tgt Ion:264 Resp: 140810
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.4
 265 20.4 16.2 24.2

