

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020224\
 Data File : BF137252.D
 Acq On : 02 Feb 2024 12:16
 Operator : CG\JU
 Sample : P1311-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Feb 02 12:35:17 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	6.792	152	57574	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	223404	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	120995	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	193524	20.000	ng	0.00
76) Chrysene-d12	13.962	240	141570	20.000	ng	-0.01
86) Perylene-d12	15.445	264	78088	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	503222	144.224	ng	0.02
7) Phenol-d6	6.428	99	579437	116.367	ng	0.00
23) Nitrobenzene-d5	7.351	82	469758	94.143	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	175318	128.301	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	820998	93.277	ng	0.00
79) Terphenyl-d14	12.916	244	819941	78.736	ng	0.00

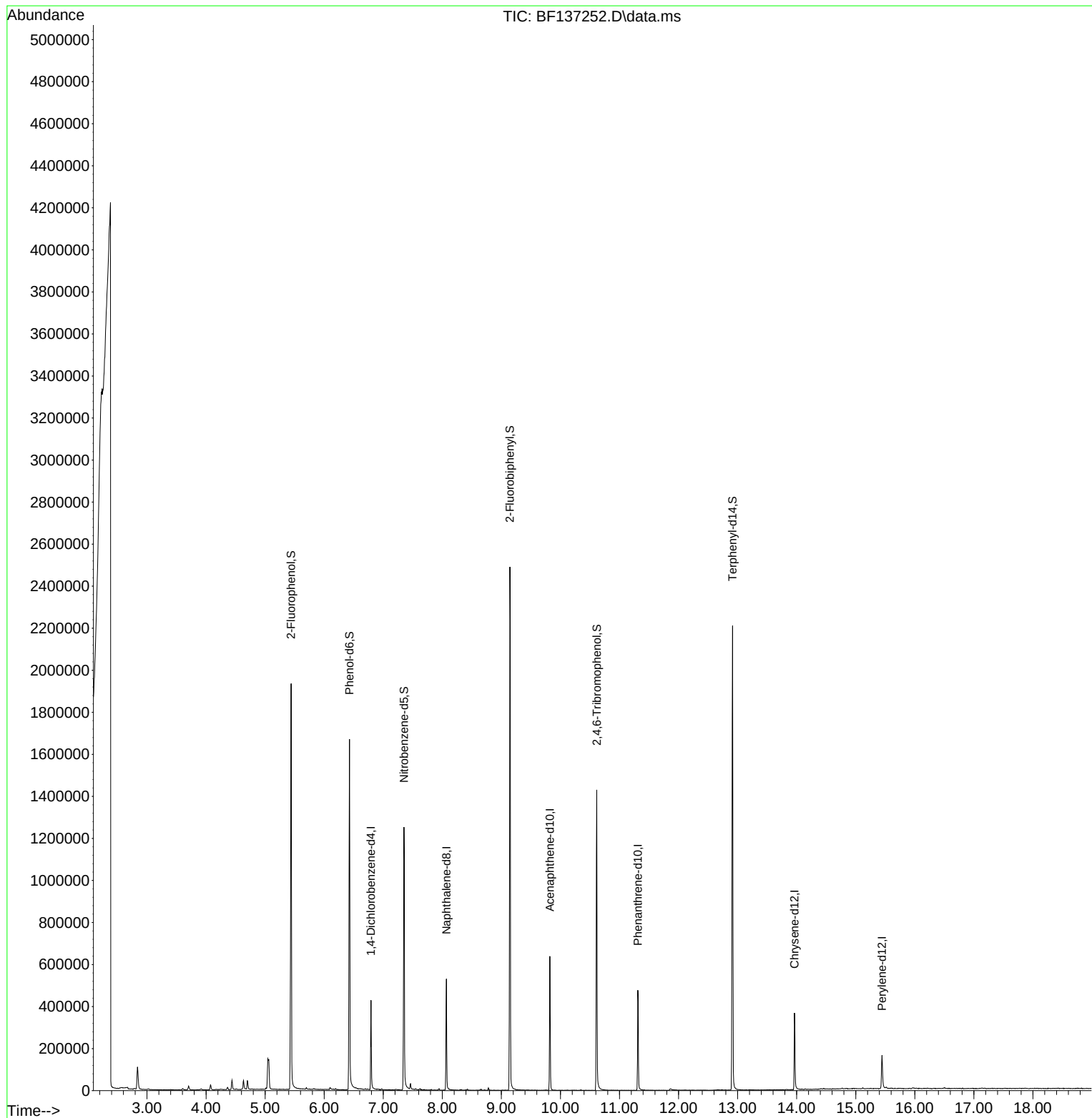
Target Compounds	Qvalue

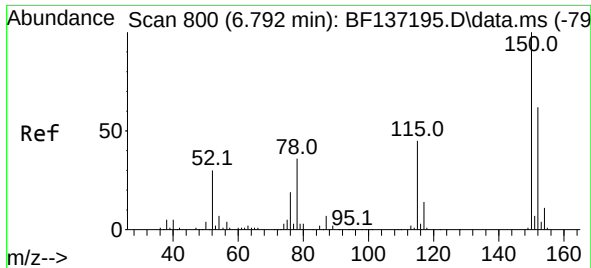
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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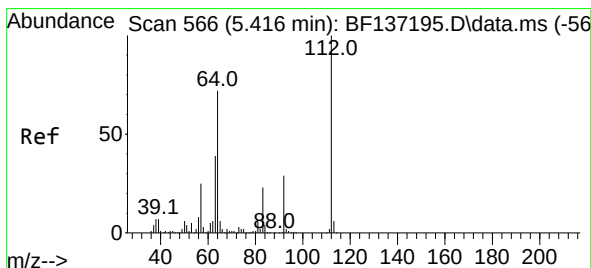
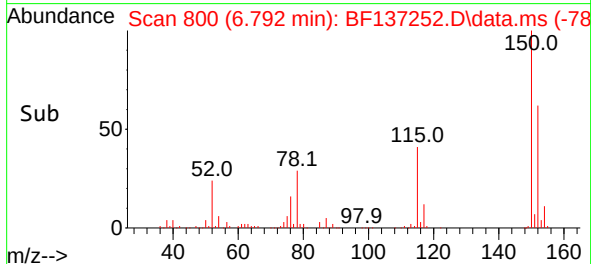
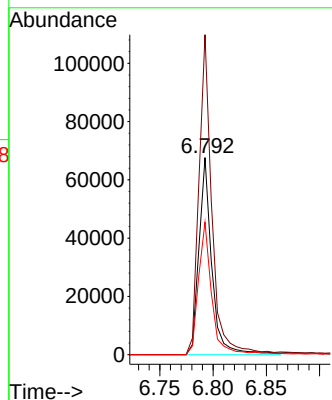
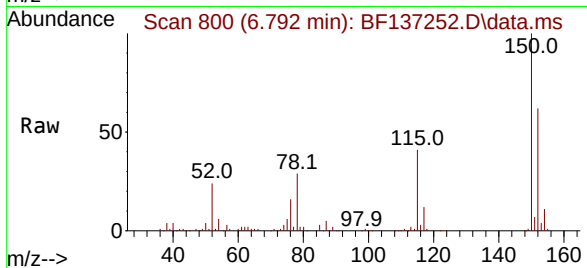




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF137252.D
 Acq: 02 Feb 2024 12:16

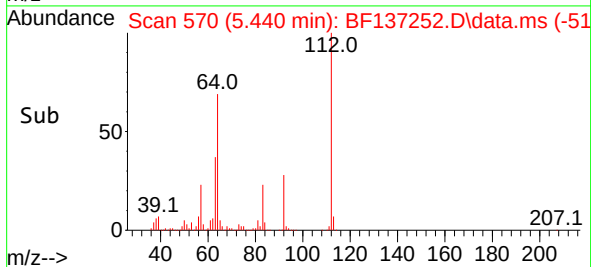
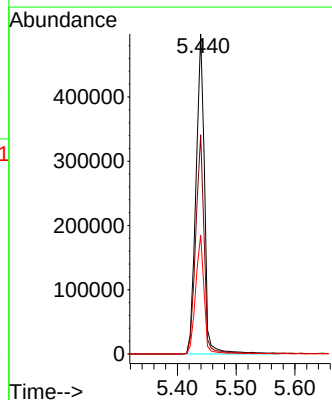
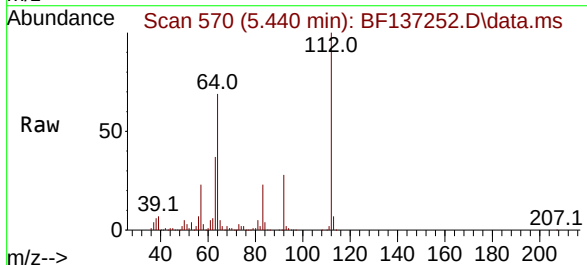
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

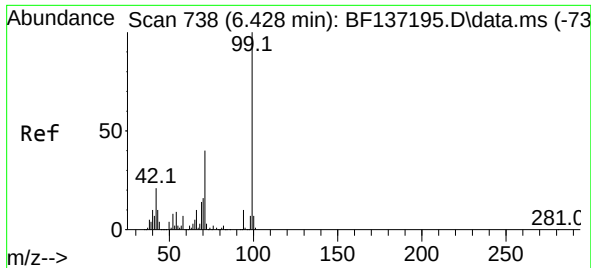
Tgt Ion:152 Resp: 57574
 Ion Ratio Lower Upper
 152 100
 150 162.3 129.8 194.8
 115 67.2 58.5 87.7



#5
 2-Fluorophenol
 Concen: 144.224 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.024 min
 Lab File: BF137252.D
 Acq: 02 Feb 2024 12:16

Tgt Ion:112 Resp: 503222
 Ion Ratio Lower Upper
 112 100
 64 68.5 57.8 86.6
 63 37.2 31.4 47.0

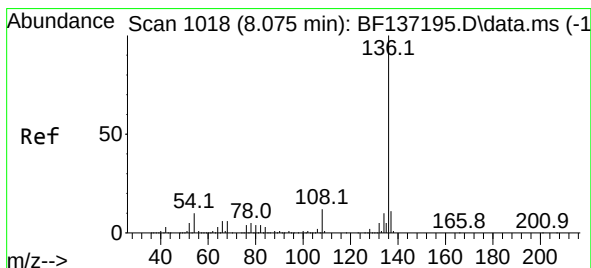
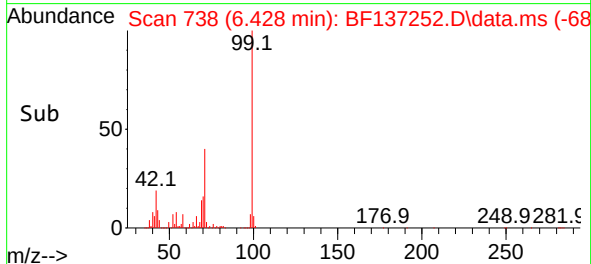
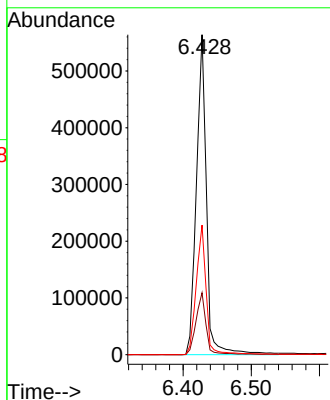
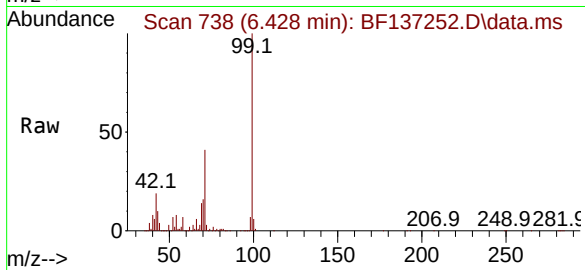




#7
Phenol-d6
Concen: 116.367 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

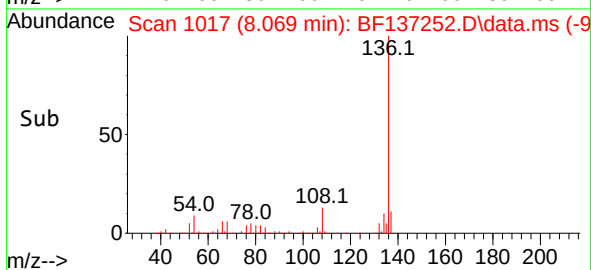
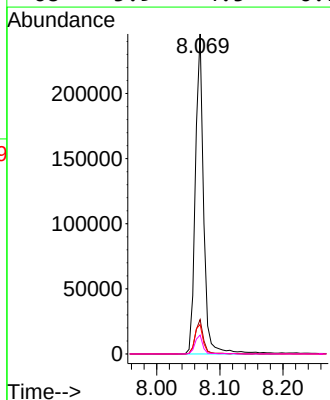
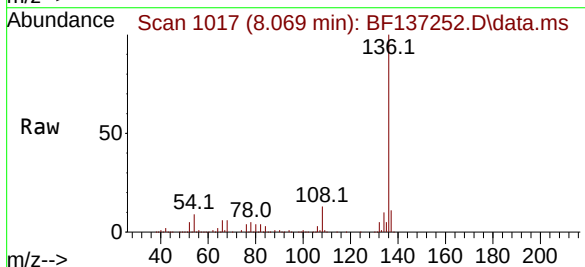
Instrument :
BNA_F
ClientSampleId :
TP-1

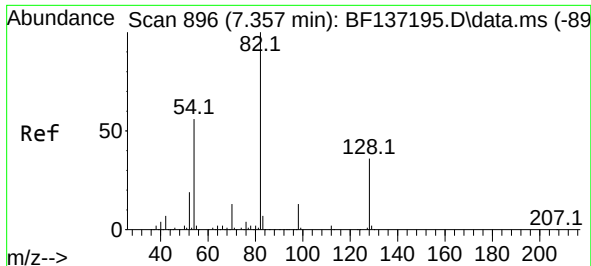
Tgt Ion: 99 Resp: 579437
Ion Ratio Lower Upper
99 100
42 19.3 16.4 24.6
71 40.5 32.4 48.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion: 136 Resp: 223404
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.2 7.8 11.8
68 5.9 4.5 6.7

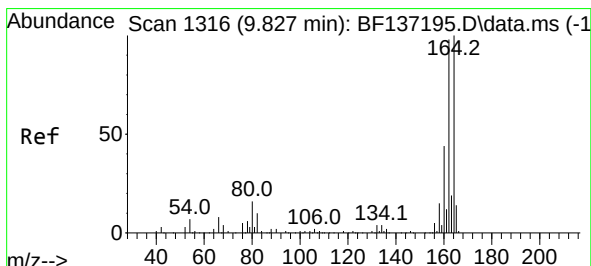
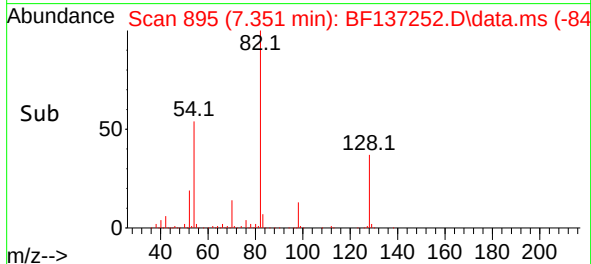
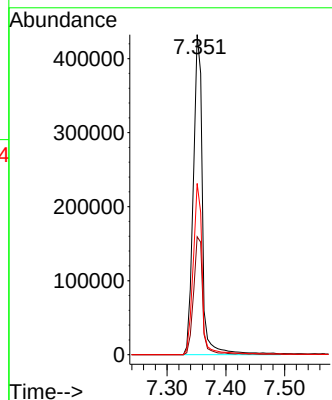
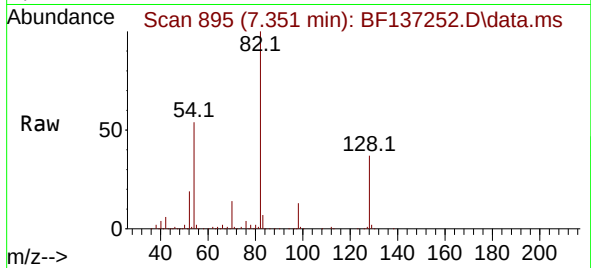




#23
Nitrobenzene-d5
Concen: 94.143 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

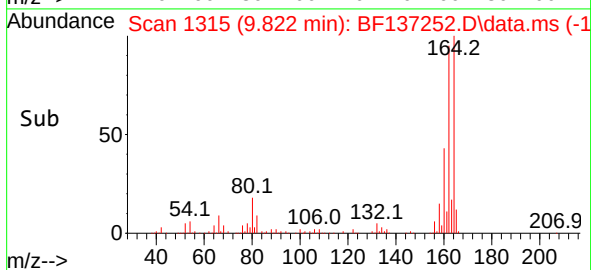
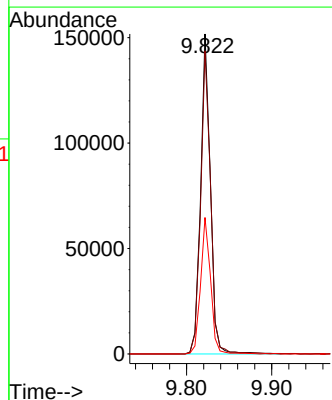
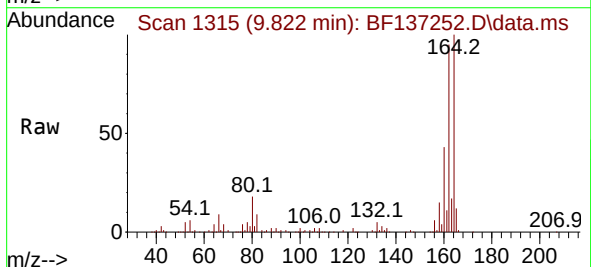
Instrument :
BNA_F
ClientSampleId :
TP-1

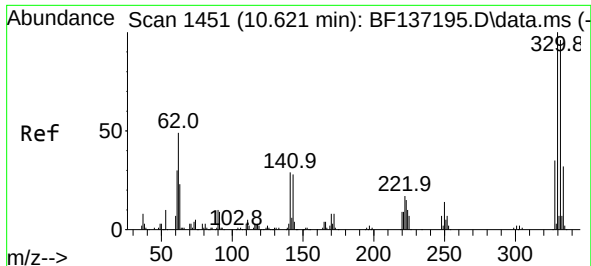
Tgt Ion: 82 Resp: 469758
Ion Ratio Lower Upper
82 100
128 36.9 29.1 43.7
54 53.5 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.005 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:164 Resp: 120995
Ion Ratio Lower Upper
164 100
162 94.7 78.3 117.5
160 42.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 128.301 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137252.D

Acq: 02 Feb 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TP-1

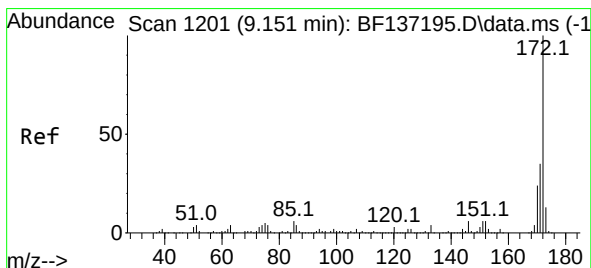
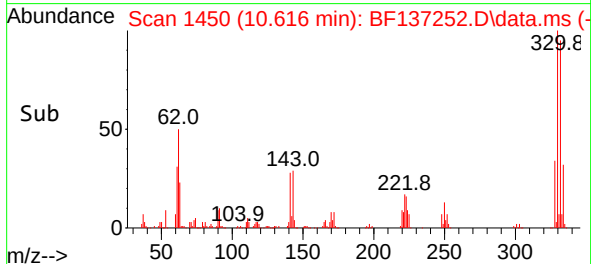
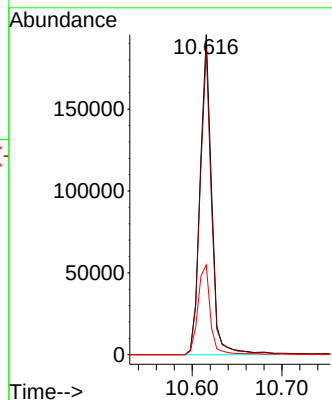
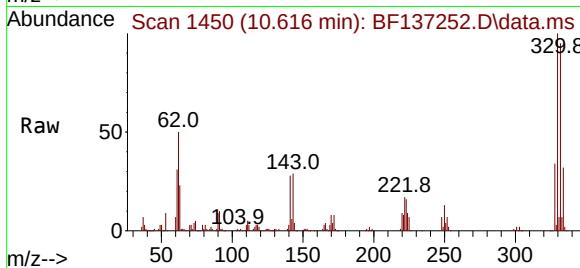
Tgt Ion:330 Resp: 175318

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 30.5 25.2 37.8



#45

2-Fluorobiphenyl

Concen: 93.277 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137252.D

Acq: 02 Feb 2024 12:16

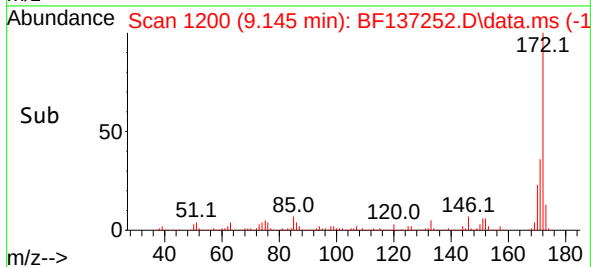
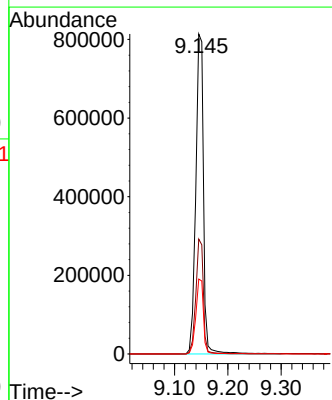
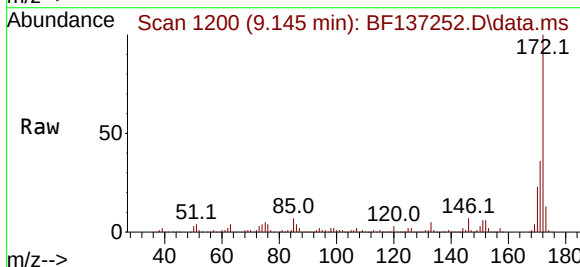
Tgt Ion:172 Resp: 820998

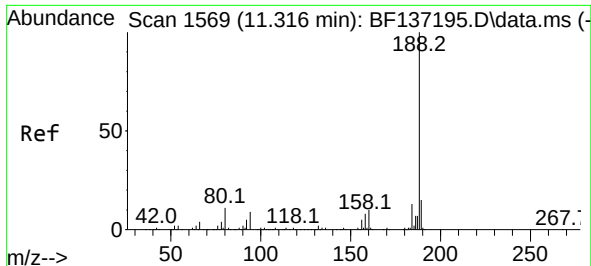
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 19.1 28.7

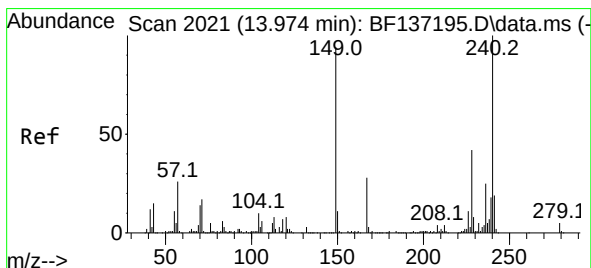
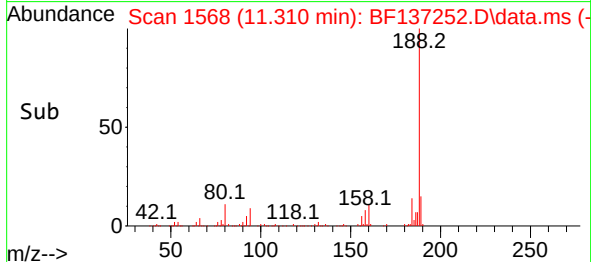
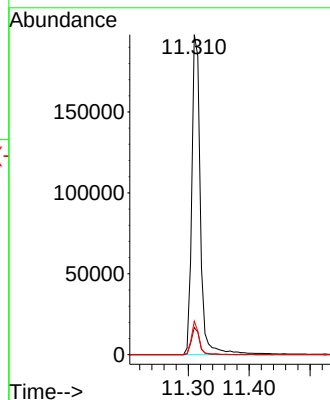
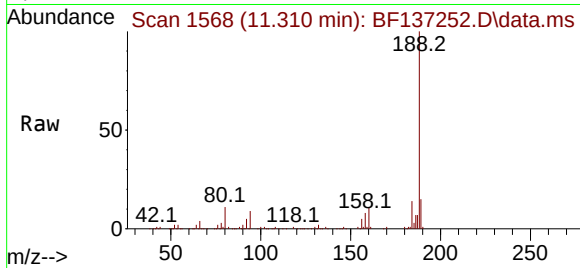




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

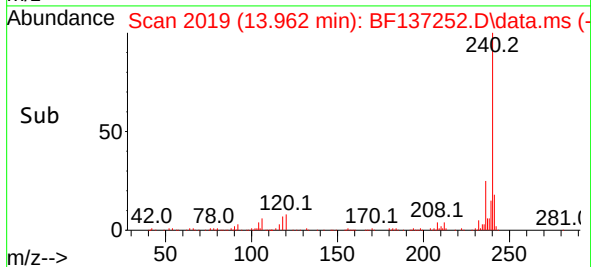
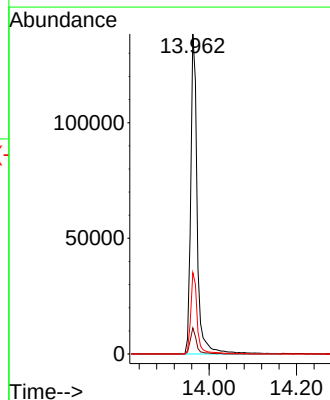
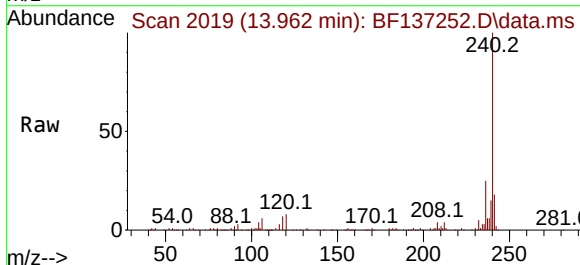
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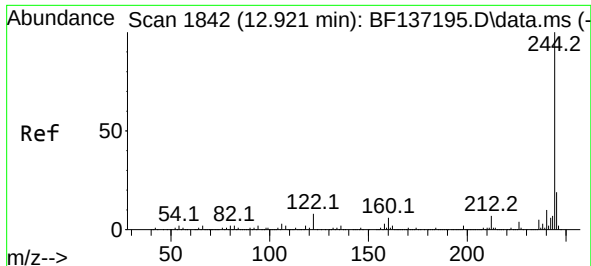
Tgt Ion:188 Resp: 193524
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 10.5 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137252.D
Acq: 02 Feb 2024 12:16

Tgt Ion:240 Resp: 141570
Ion Ratio Lower Upper
240 100
120 8.2 6.3 9.5
236 25.4 20.3 30.5

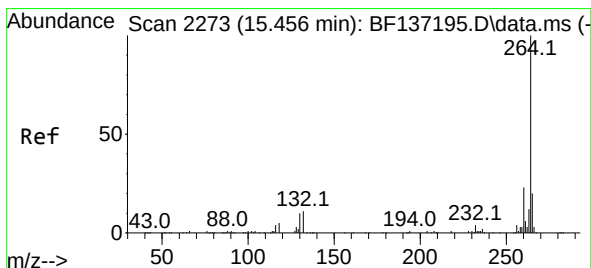
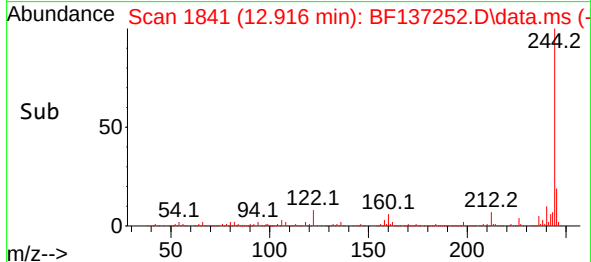
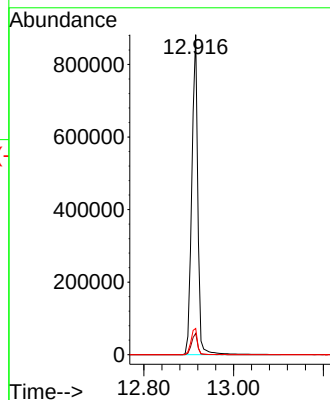
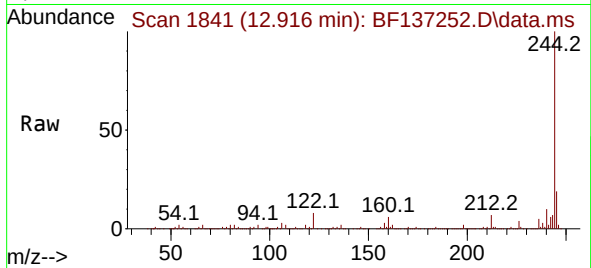




#79
 Terphenyl-d14
 Concen: 78.736 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137252.D
 Acq: 02 Feb 2024 12:16

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 819941
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 8.2 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: BF137252.D
 Acq: 02 Feb 2024 12:16

Tgt Ion:264 Resp: 78088
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.4
 265 19.9 16.2 24.2

