

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137501.D
 Acq On : 05 Mar 2024 15:30
 Operator : CG\JU
 Sample : P1672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 05 15:51:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	165207	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	630889	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	337272	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	573517	20.000	ng	0.00
76) Chrysene-d12	14.039	240	343920	20.000	ng	-0.01
86) Perylene-d12	15.568	264	346407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	966336	88.589	ng	0.00
7) Phenol-d6	6.492	99	1324329	84.109	ng	-0.01
23) Nitrobenzene-d5	7.410	82	778536	57.338	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	208634	70.441	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1276540	59.247	ng	0.00
79) Terphenyl-d14	12.986	244	1331743	53.247	ng	0.00

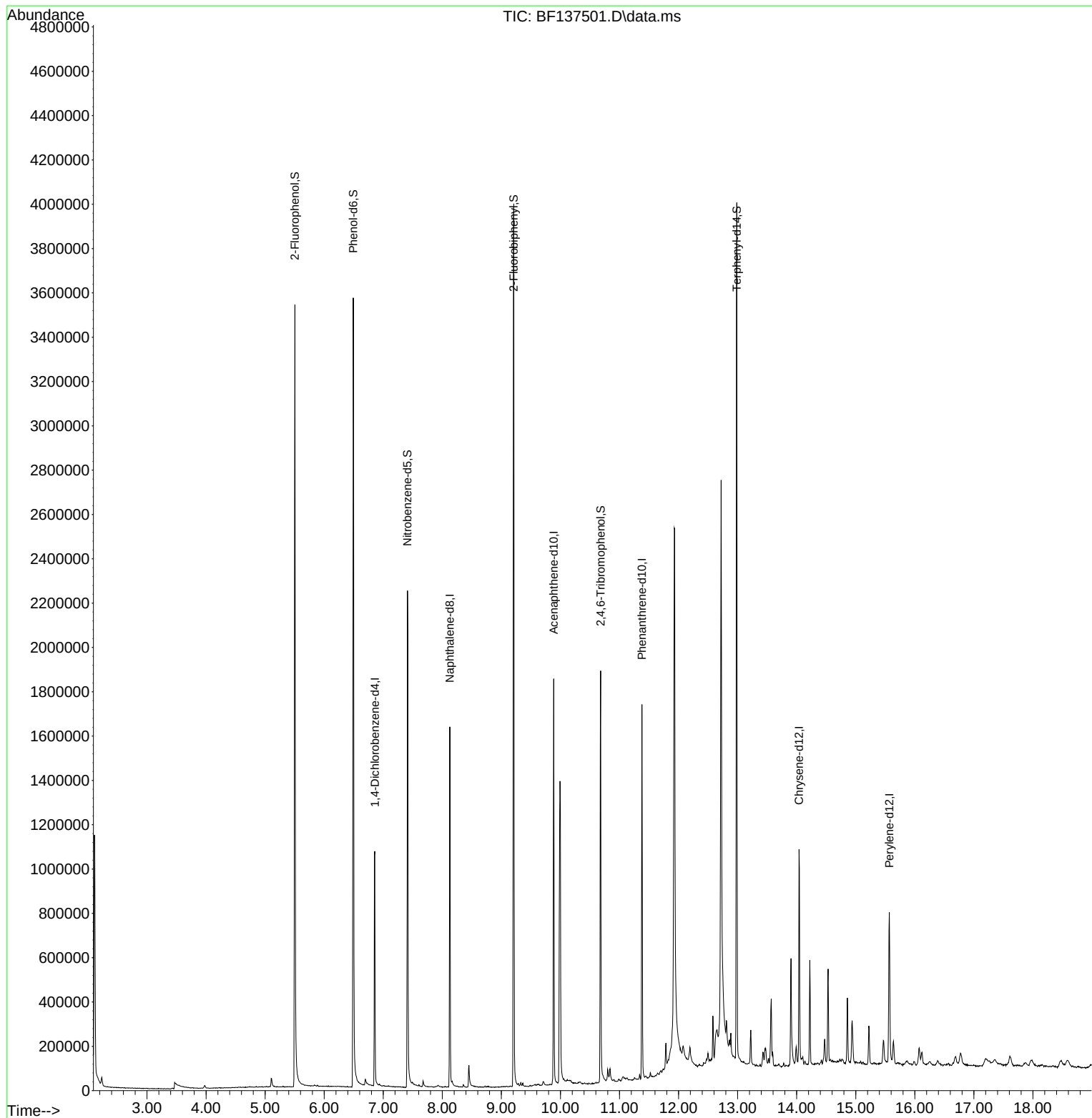
Target Compounds	Qvalue

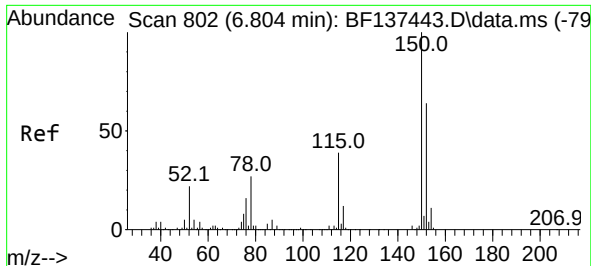
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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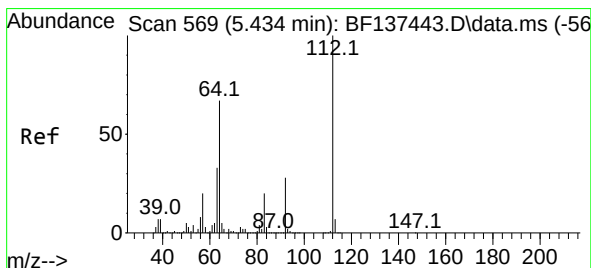
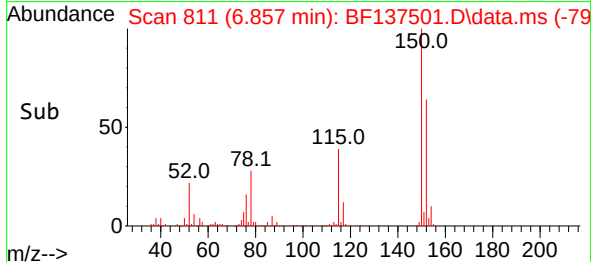
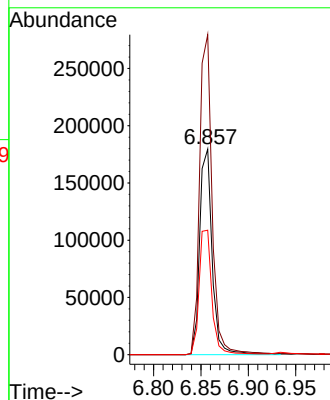
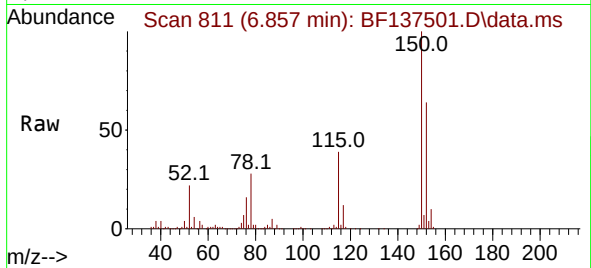




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

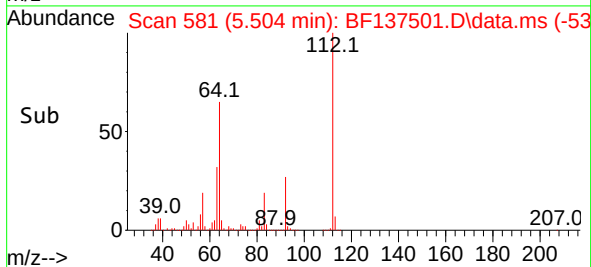
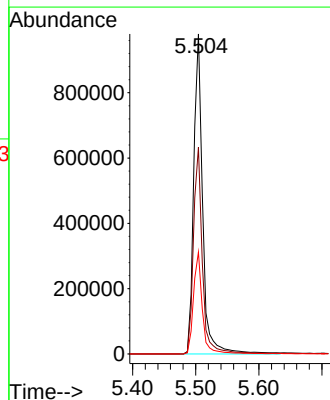
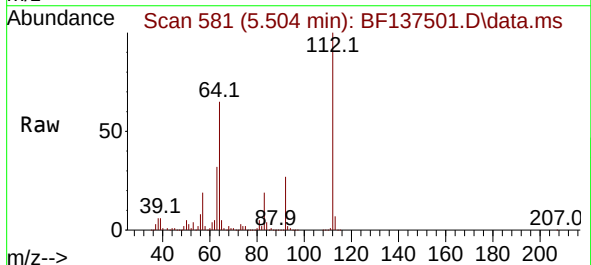
Instrument :
BNA_F
ClientSampleId :
TP-3

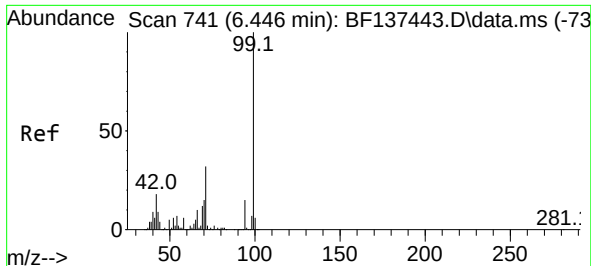
Tgt Ion:152 Resp: 165207
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 60.6 48.8 73.2



#5
2-Fluorophenol
Concen: 88.589 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:112 Resp: 966336
Ion Ratio Lower Upper
112 100
64 64.6 53.4 80.2
63 31.9 26.2 39.2

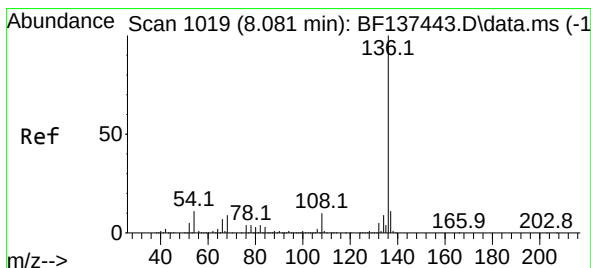
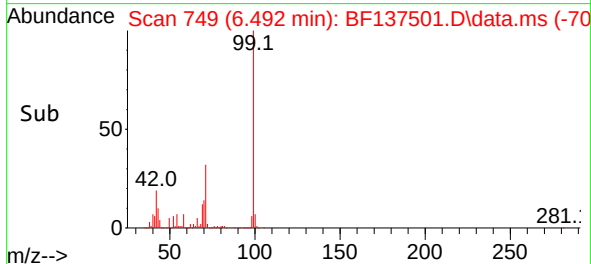
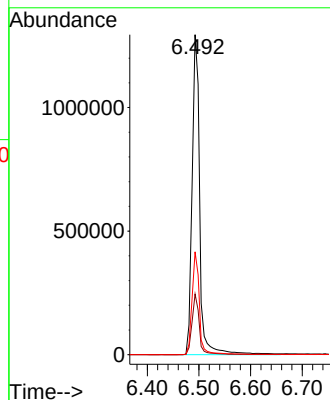
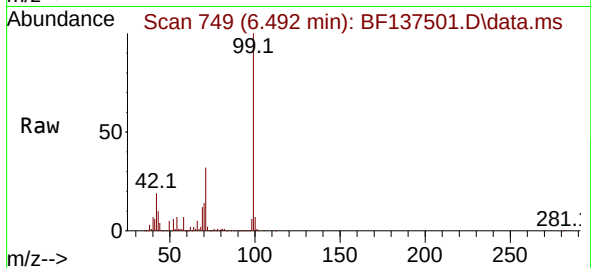




#7
Phenol-d6
Concen: 84.109 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

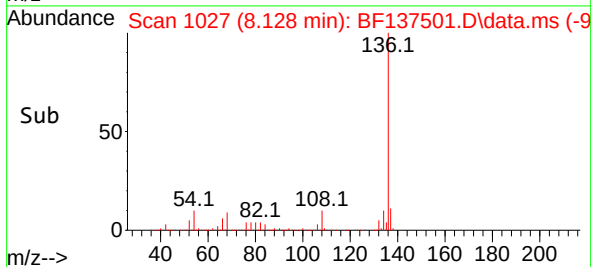
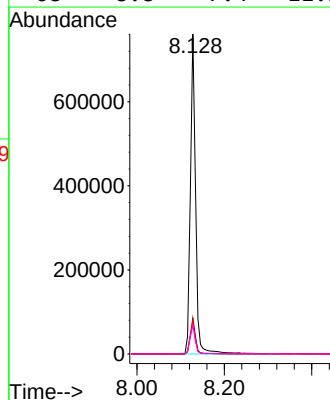
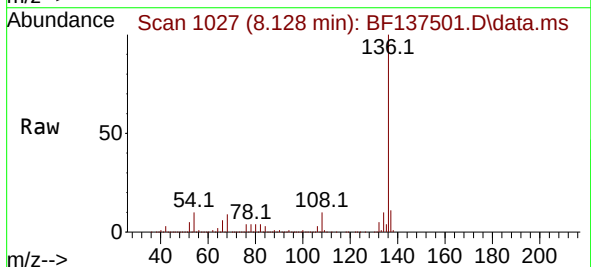
Instrument :
BNA_F
ClientSampleId :
TP-3

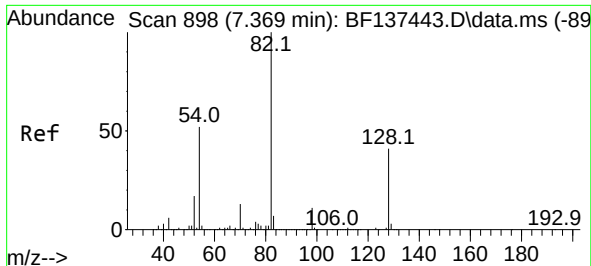
Tgt Ion: 99 Resp: 1324329
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 32.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:136 Resp: 630889
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.2 8.5 12.7
68 8.8 7.4 11.2

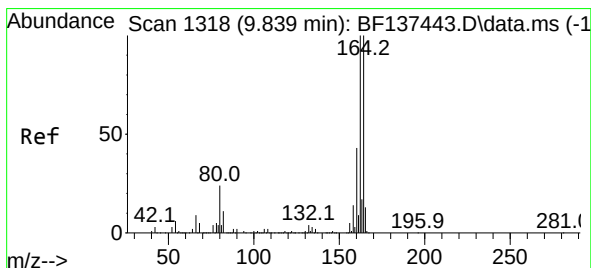
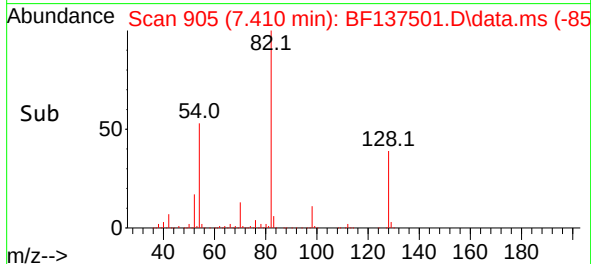
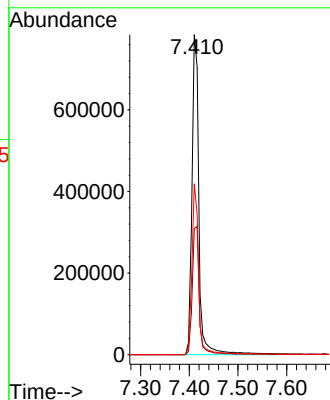
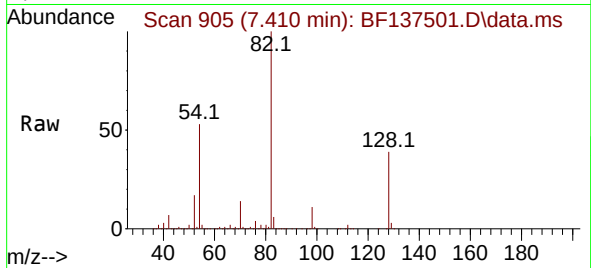




#23
Nitrobenzene-d5
Concen: 57.338 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

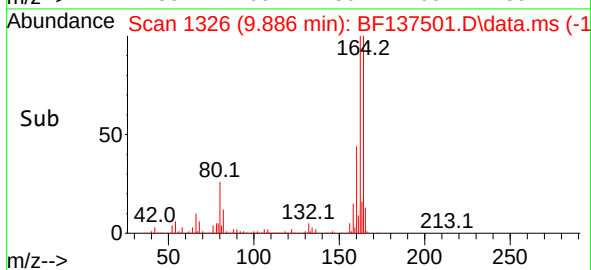
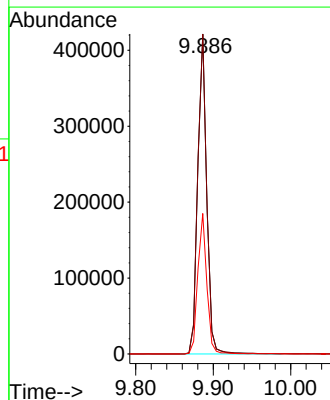
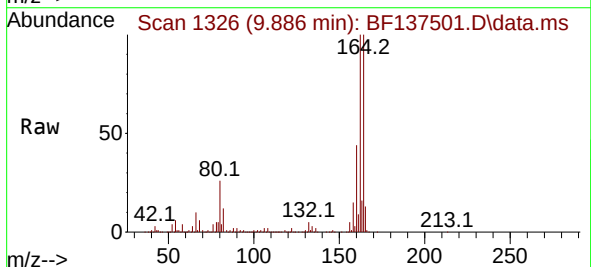
Instrument :
BNA_F
ClientSampleId :
TP-3

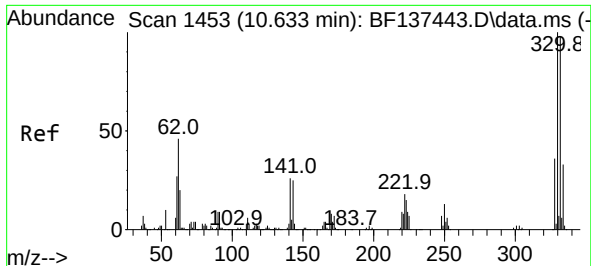
Tgt Ion: 82 Resp: 778536
Ion Ratio Lower Upper
82 100
128 39.4 32.5 48.7
54 53.4 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 164 Resp: 337272
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 70.441 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

Instrument :

BNA_F

ClientSampleId :

TP-3

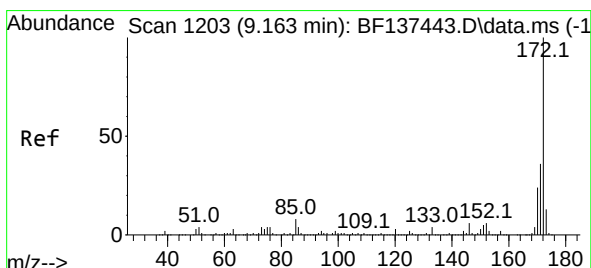
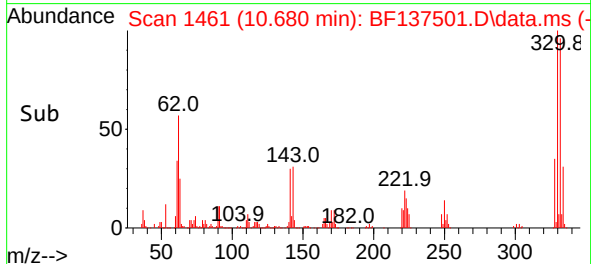
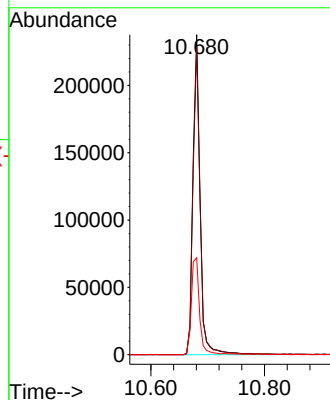
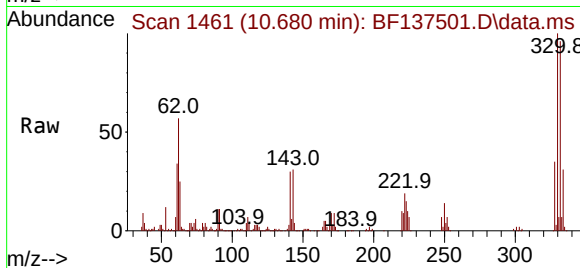
Tgt Ion:330 Resp: 208634

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

141 34.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 59.247 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137501.D

Acq: 05 Mar 2024 15:30

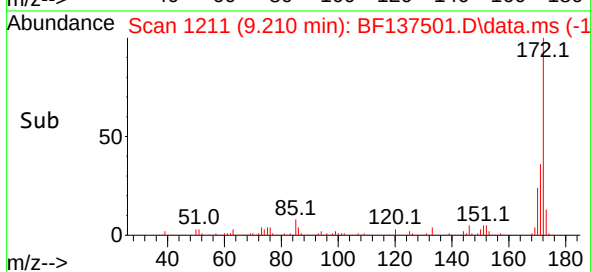
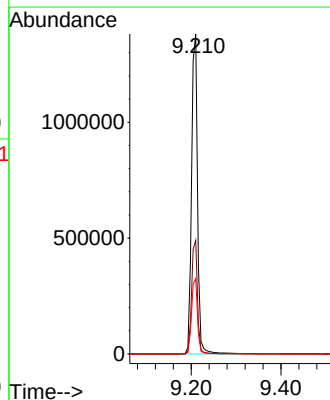
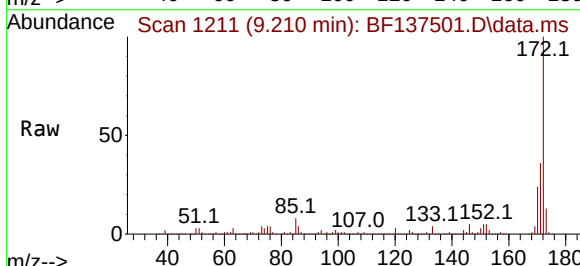
Tgt Ion:172 Resp: 1276540

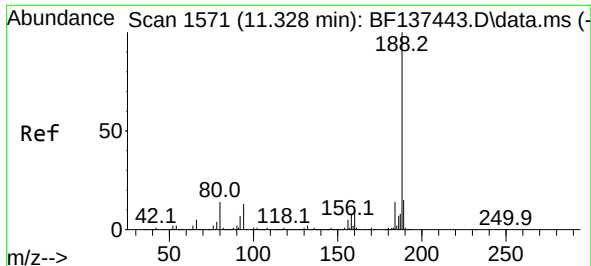
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.5 19.0 28.6

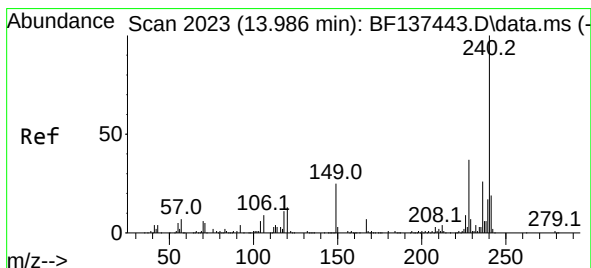
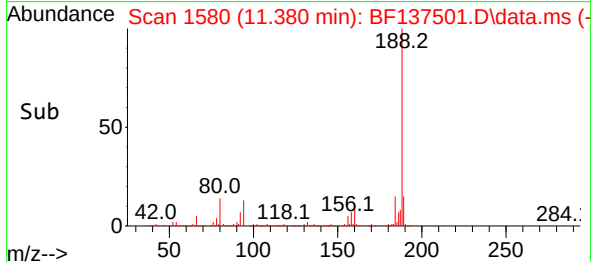
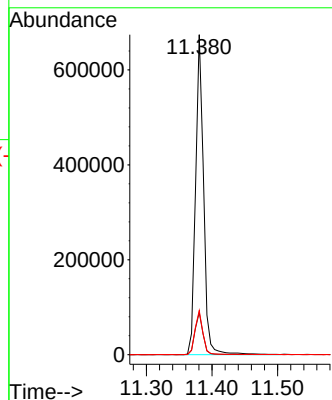
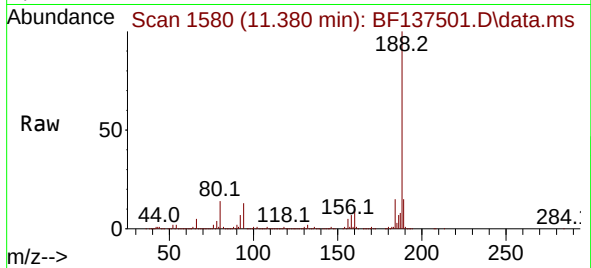




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

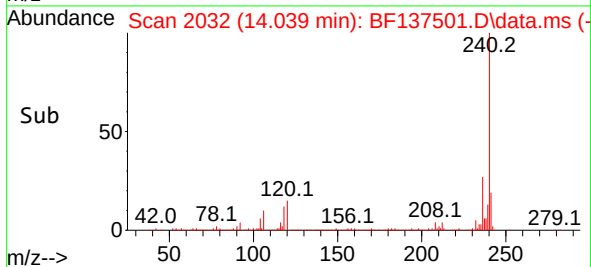
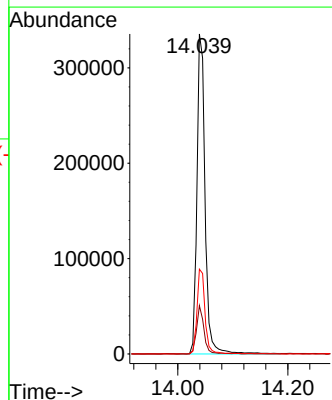
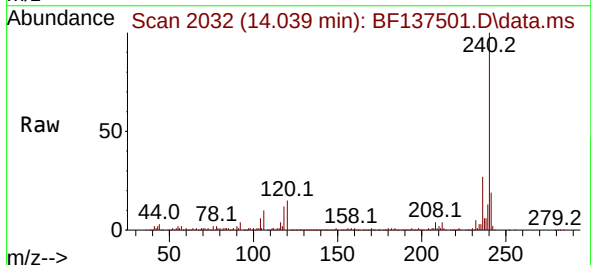
Instrument :
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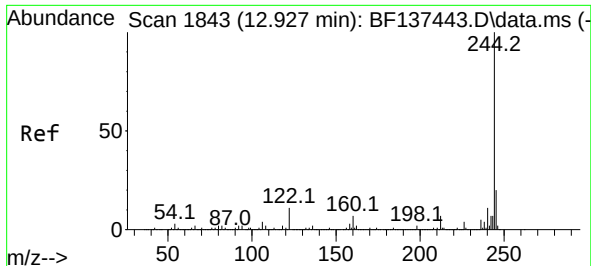
Tgt Ion:188 Resp: 573517
Ion Ratio Lower Upper
188 100
94 13.1 10.6 15.8
80 13.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137501.D
Acq: 05 Mar 2024 15:30

Tgt Ion:240 Resp: 343920
Ion Ratio Lower Upper
240 100
120 15.1 10.4 15.6
236 26.5 20.9 31.3

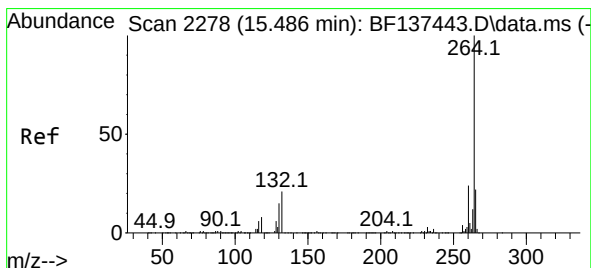
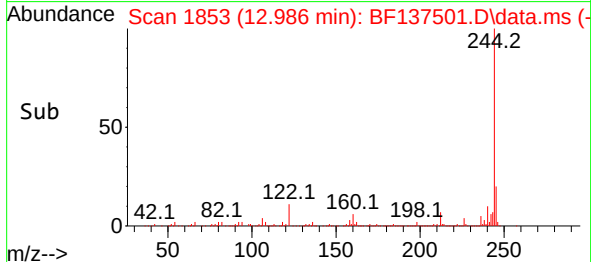
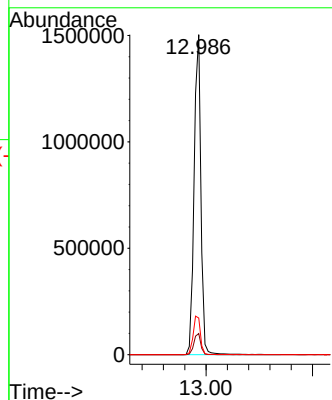
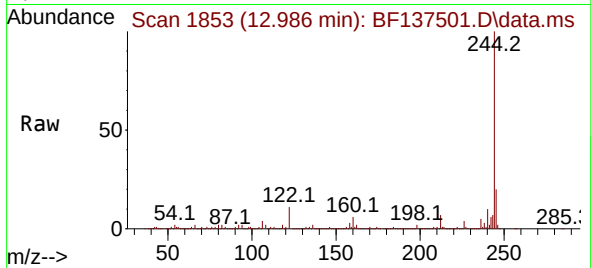




#79
 Terphenyl-d14
 Concen: 53.247 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137501.D
 Acq: 05 Mar 2024 15:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1331743
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.5 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF137501.D
 Acq: 05 Mar 2024 15:30

Tgt Ion:264 Resp: 346407
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.4 17.4 26.0

