

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137511.D
 Acq On : 06 Mar 2024 11:23
 Operator : CG\JU
 Sample : PB159466BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159466BL

Quant Time: Mar 06 11:41:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	255349	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	1044148	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	583385	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1101089	20.000	ng	0.00
76) Chrysene-d12	14.039	240	722772	20.000	ng	-0.01
86) Perylene-d12	15.568	264	556559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1998402	118.530	ng	0.00
7) Phenol-d6	6.498	99	2794819	114.840	ng	0.00
23) Nitrobenzene-d5	7.416	82	1833918	81.608	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	672958	131.357	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	2923318	78.440	ng	0.00
79) Terphenyl-d14	12.992	244	3864062	73.516	ng	0.00

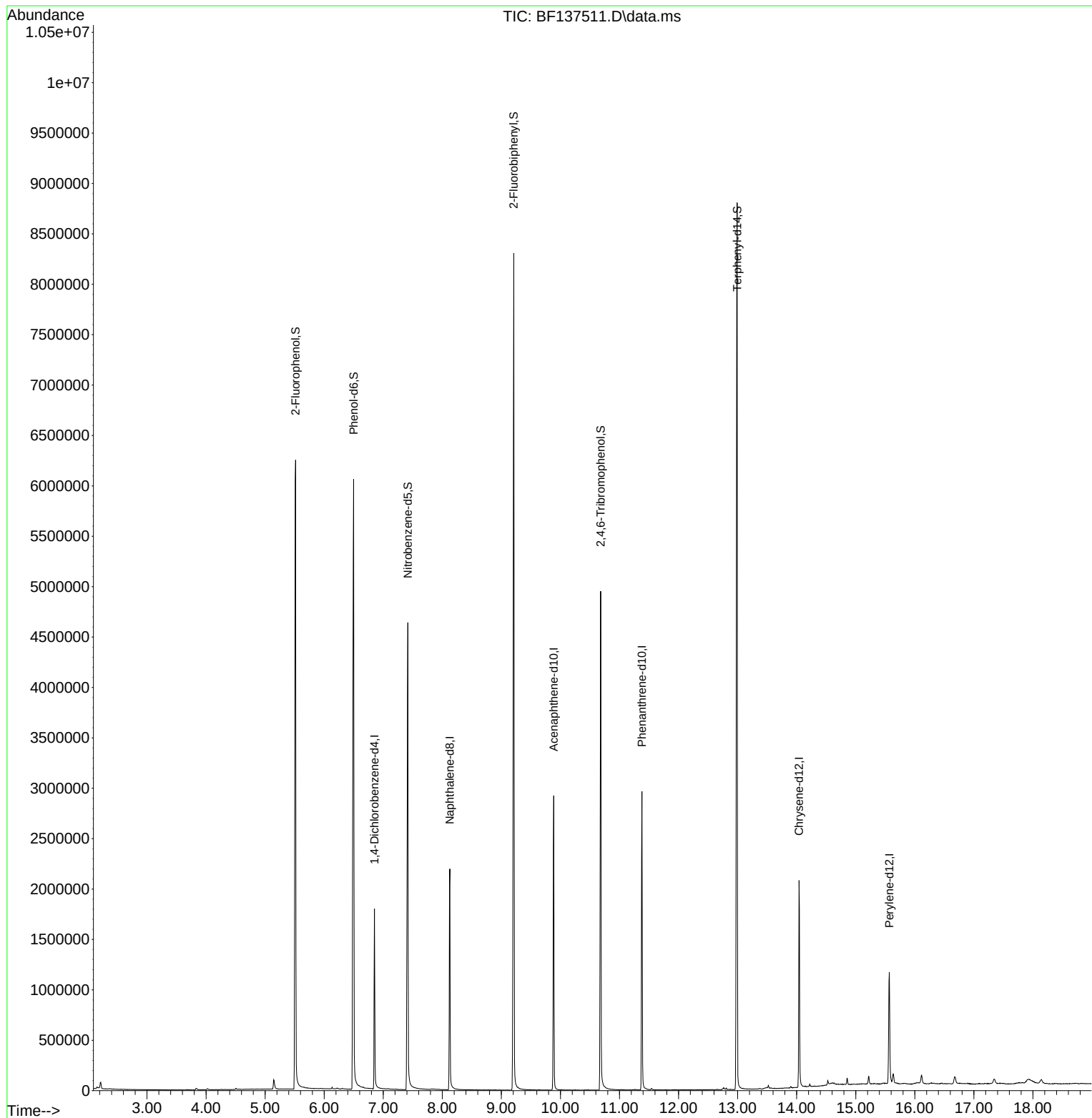
Target Compounds	Qvalue

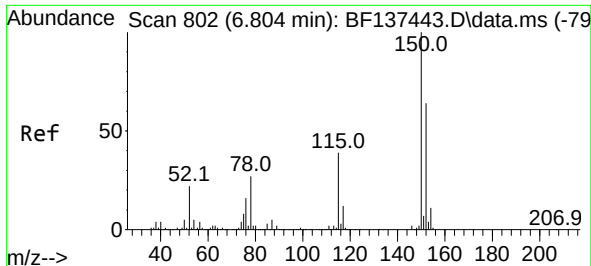
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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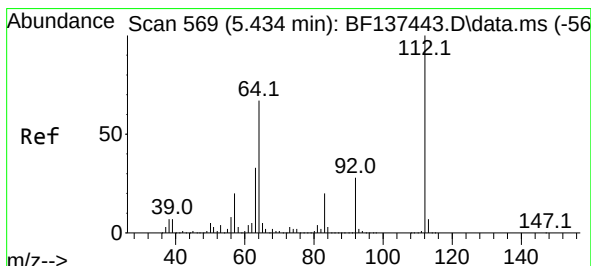
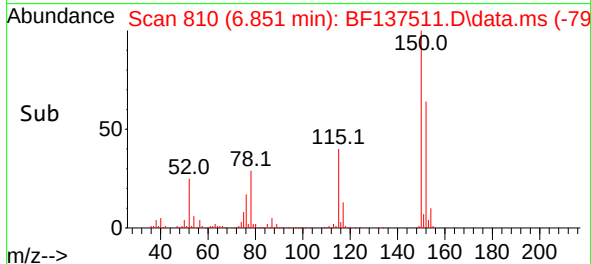
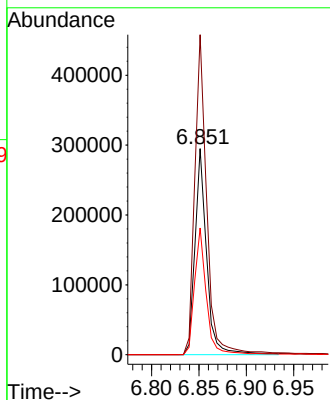
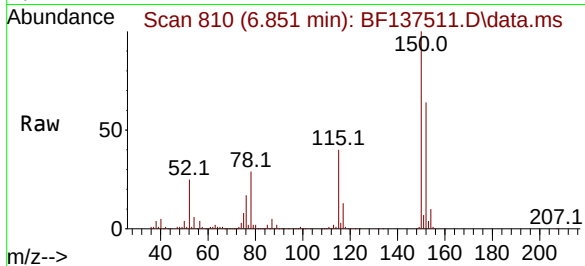




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

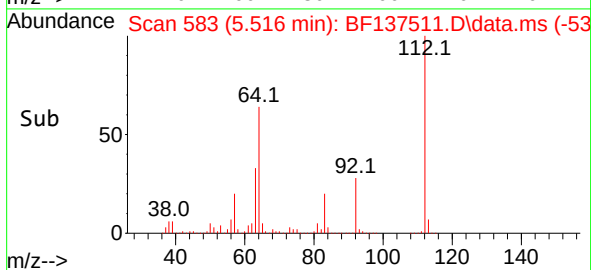
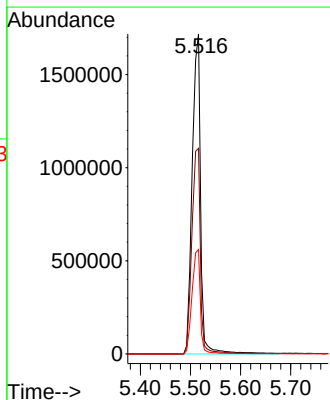
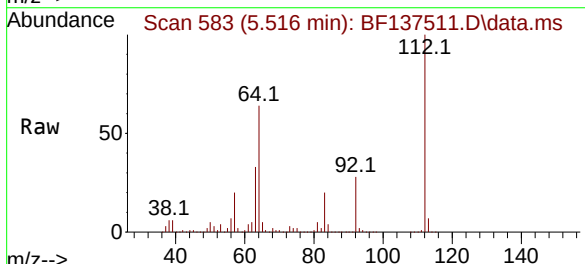
Instrument :
BNA_F
ClientSampleId :
PB159466BL

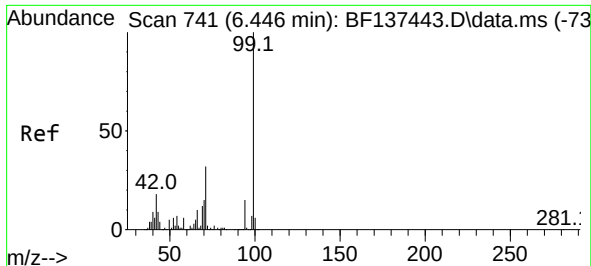
Tgt Ion:152 Resp: 255349
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 61.5 48.8 73.2



#5
2-Fluorophenol
Concen: 118.530 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion:112 Resp: 1998402
Ion Ratio Lower Upper
112 100
64 64.2 53.4 80.2
63 32.7 26.2 39.2

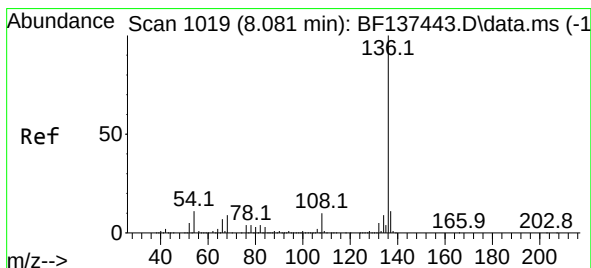
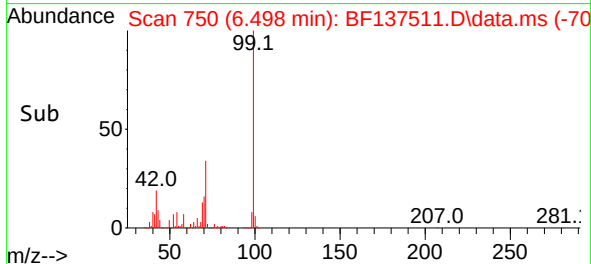
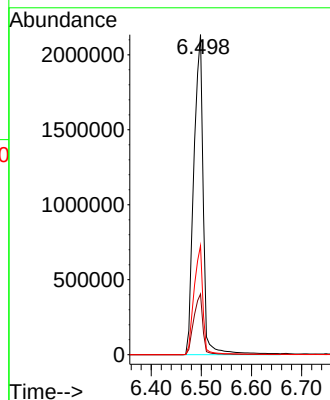
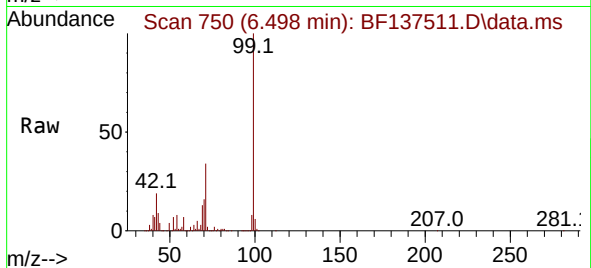




#7
Phenol-d6
Concen: 114.840 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

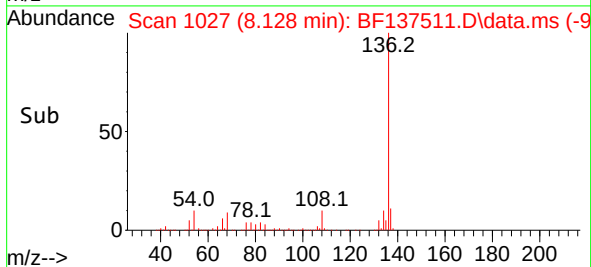
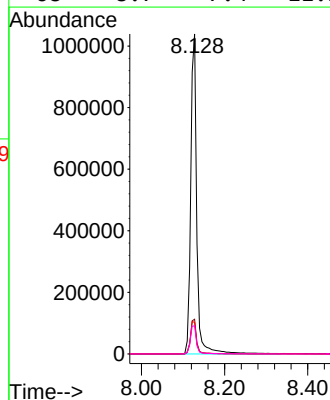
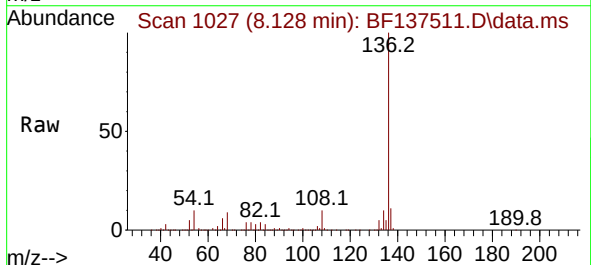
Instrument :
BNA_F
ClientSampleId :
PB159466BL

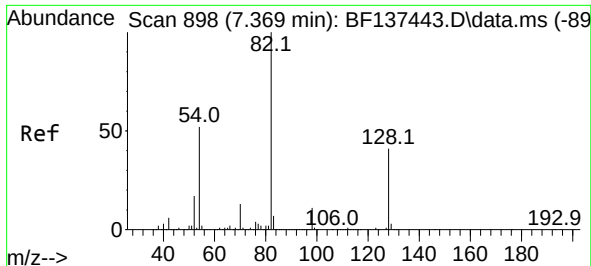
Tgt Ion: 99 Resp: 2794819
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 34.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137511.D
Acq: 06 Mar 2024 11:23

Tgt Ion: 136 Resp: 1044148
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 9.9 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 81.608 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

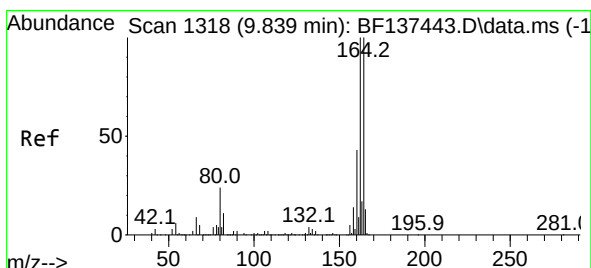
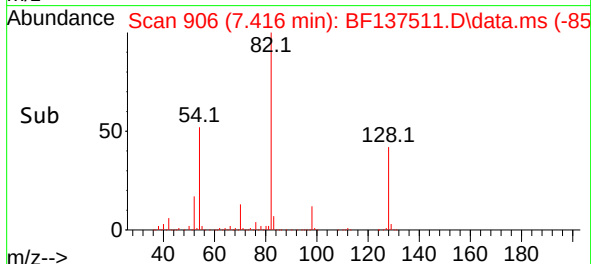
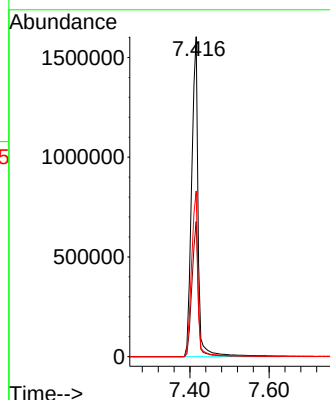
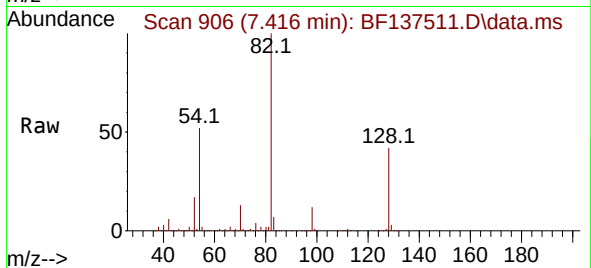
Tgt Ion: 82 Resp: 1833918

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 51.8 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: BF137511.D

Acq: 06 Mar 2024 11:23

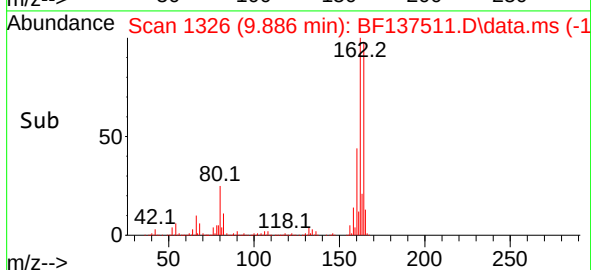
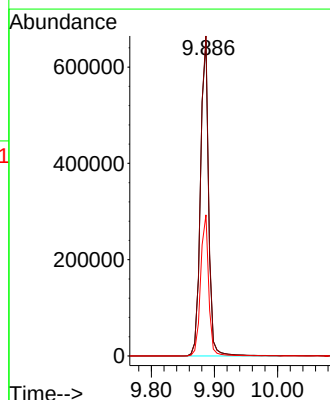
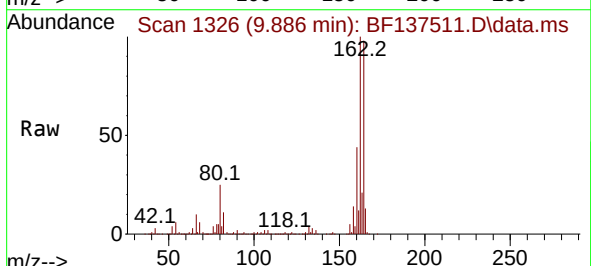
Tgt Ion:164 Resp: 583385

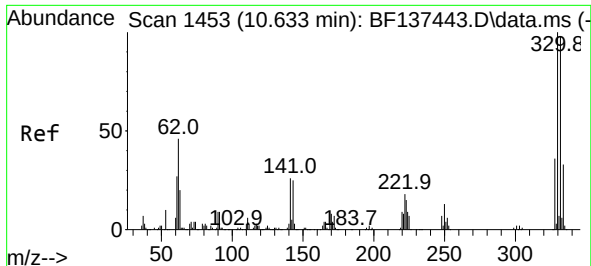
Ion Ratio Lower Upper

164 100

162 101.9 79.8 119.8

160 44.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 131.357 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

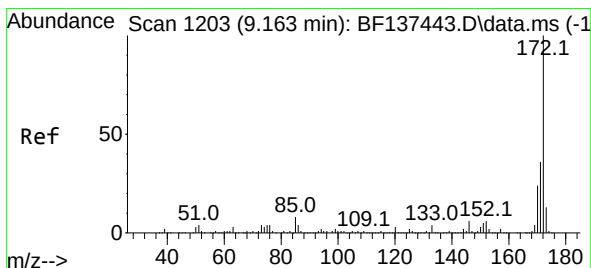
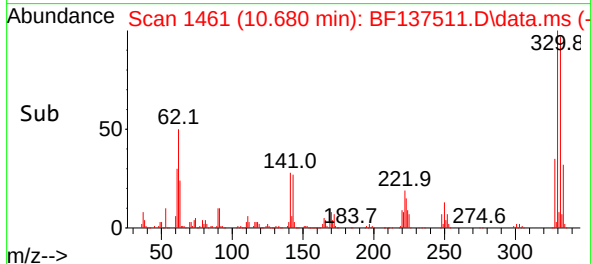
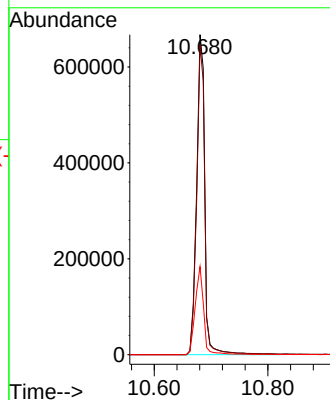
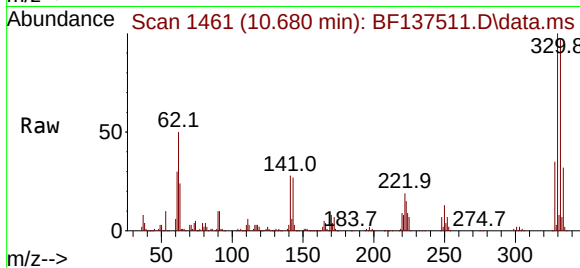
Tgt Ion:330 Resp: 672958

Ion Ratio Lower Upper

330 100

332 95.6 78.0 117.0

141 28.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 78.440 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137511.D

Acq: 06 Mar 2024 11:23

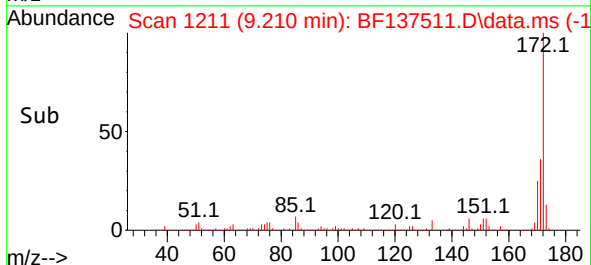
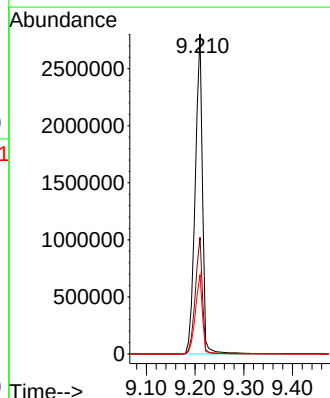
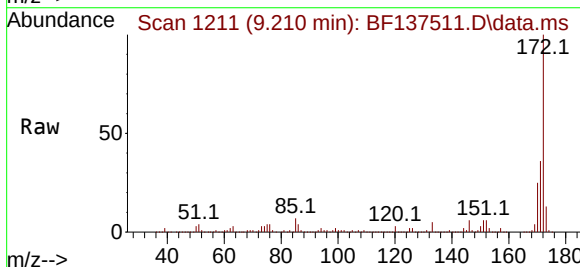
Tgt Ion:172 Resp: 2923318

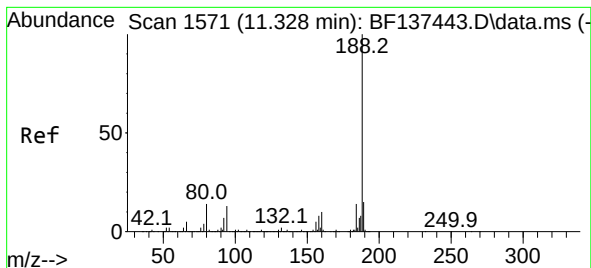
Ion Ratio Lower Upper

172 100

171 36.4 28.5 42.7

170 24.6 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: BF137511.D

Acq: 06 Mar 2024 11:23

Instrument :

BNA_F

ClientSampleId :

PB159466BL

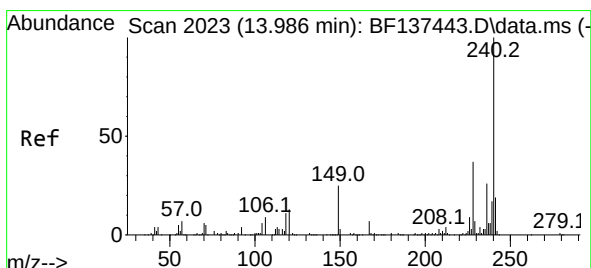
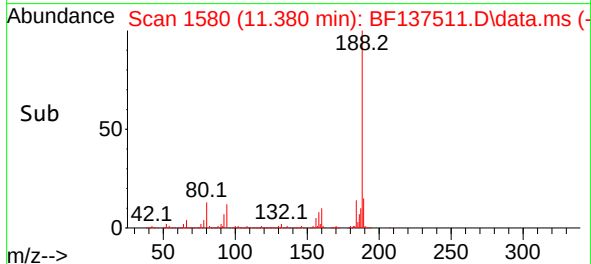
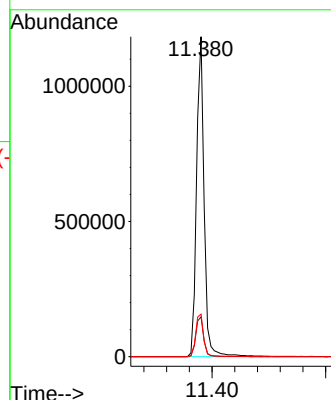
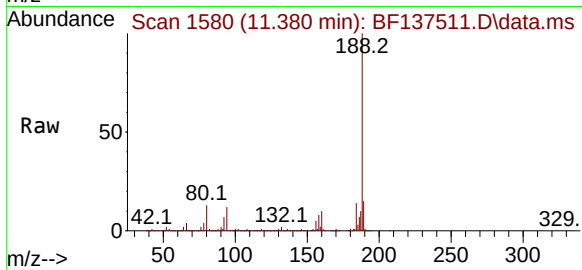
Tgt Ion:188 Resp: 1101089

Ion Ratio Lower Upper

188 100

94 12.5 10.6 15.8

80 13.3 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: BF137511.D

Acq: 06 Mar 2024 11:23

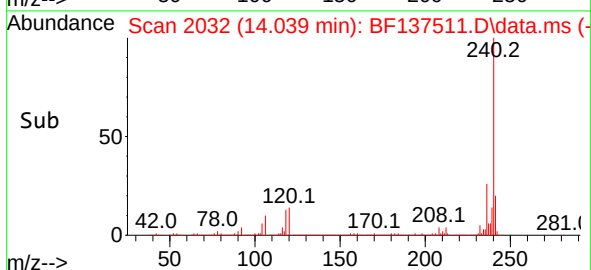
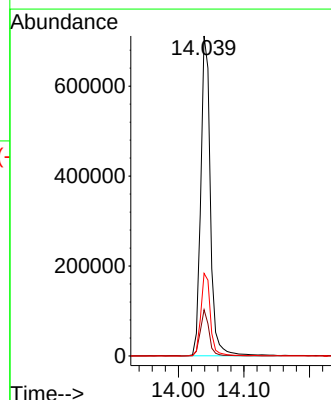
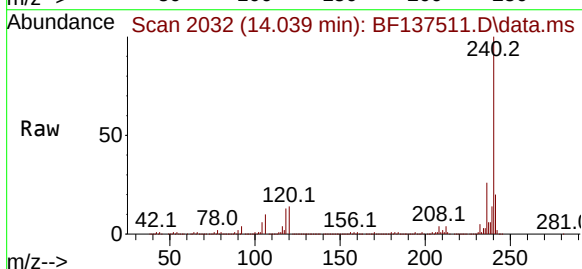
Tgt Ion:240 Resp: 722772

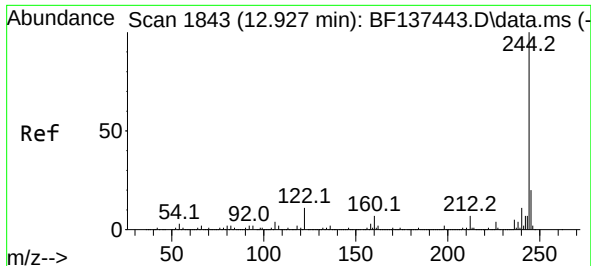
Ion Ratio Lower Upper

240 100

120 14.5 10.4 15.6

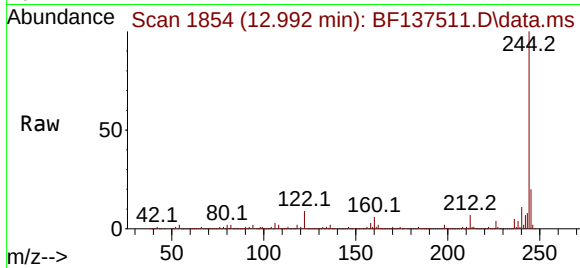
236 25.8 20.9 31.3



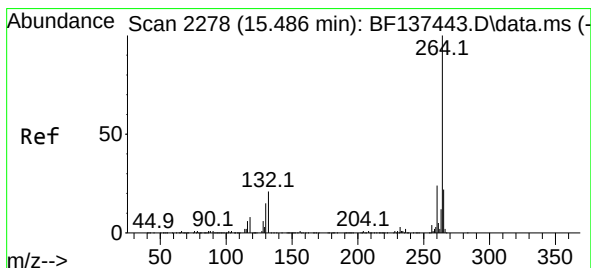
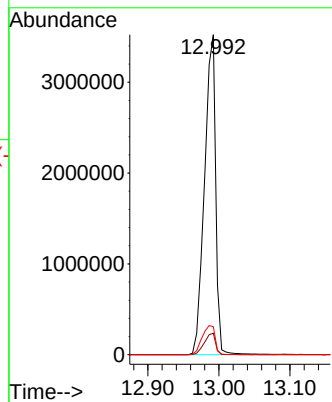
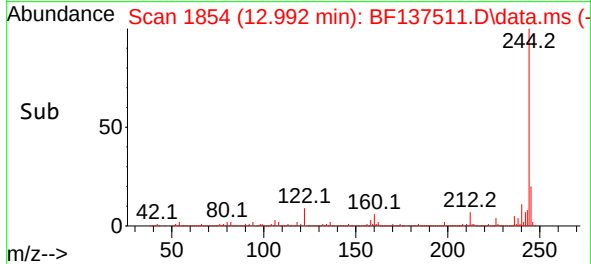


#79
 Terphenyl-d14
 Concen: 73.516 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF137511.D
 Acq: 06 Mar 2024 11:23

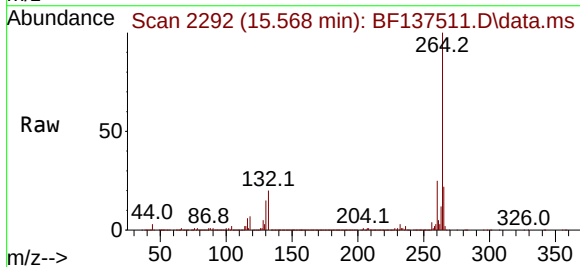
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 3864062
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 8.8 9.1 13.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF137511.D
 Acq: 06 Mar 2024 11:23



Tgt Ion:264 Resp: 556559
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.3 28.9
 265 21.9 17.4 26.0

