

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137513.D
 Acq On : 06 Mar 2024 12:23
 Operator : CG\JU
 Sample : PB159429TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159429TB

Quant Time: Mar 06 12:43:40 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	234712	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	951509	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	559751	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1003867	20.000	ng	0.00
76) Chrysene-d12	14.039	240	627112	20.000	ng	-0.01
86) Perylene-d12	15.568	264	495176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1867617	120.513	ng	0.00
7) Phenol-d6	6.498	99	2583489	115.490	ng	0.00
23) Nitrobenzene-d5	7.416	82	1687973	82.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	654911	133.232	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2705208	75.652	ng	0.00
79) Terphenyl-d14	12.986	244	3423907	75.078	ng	0.00

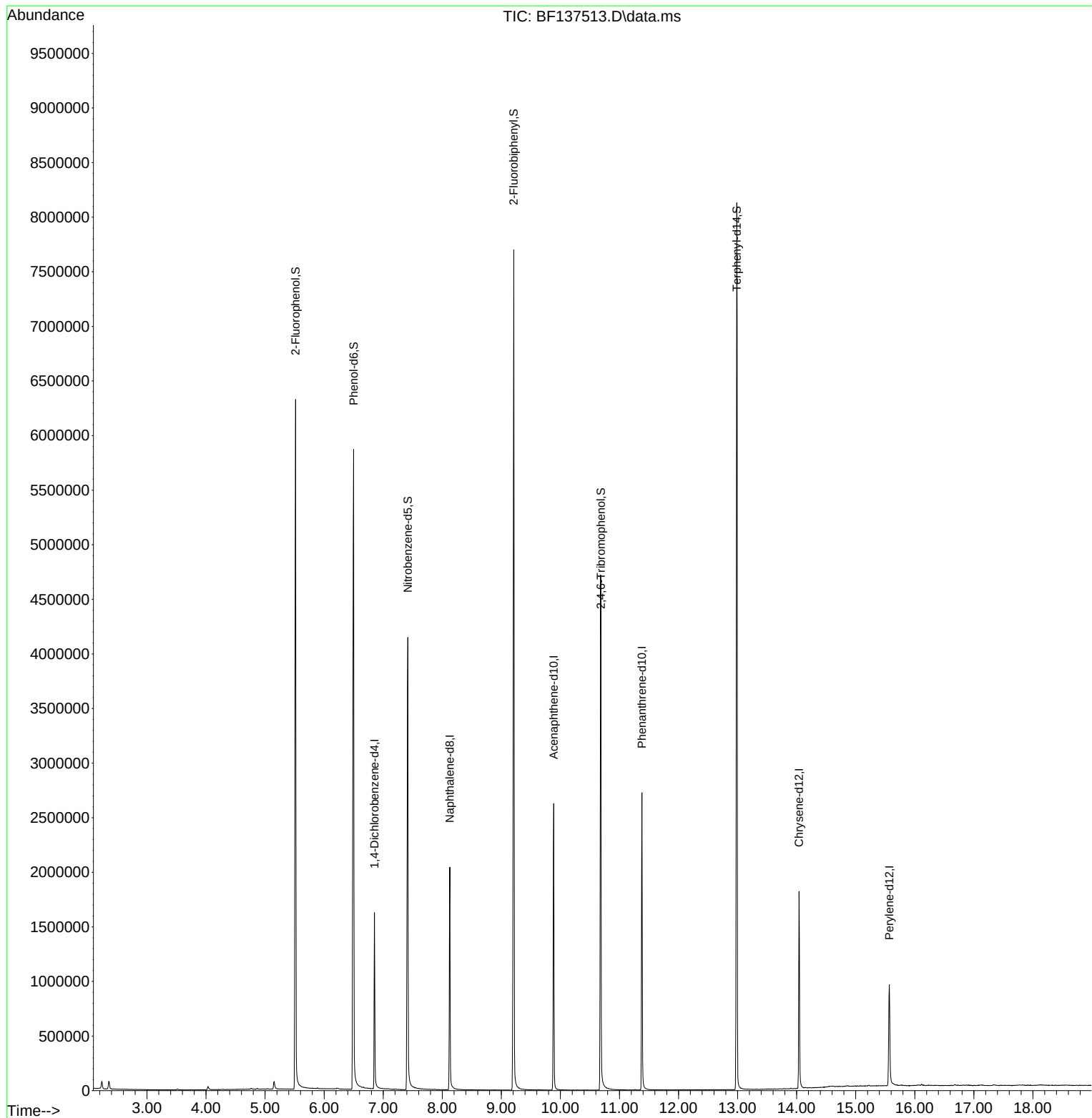
Target Compounds	Qvalue

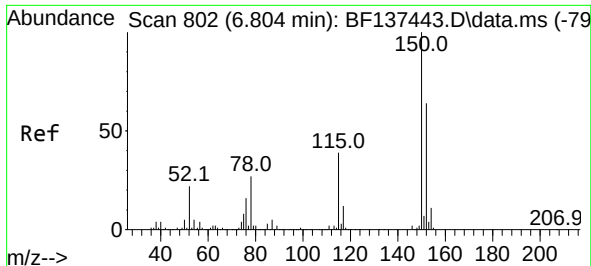
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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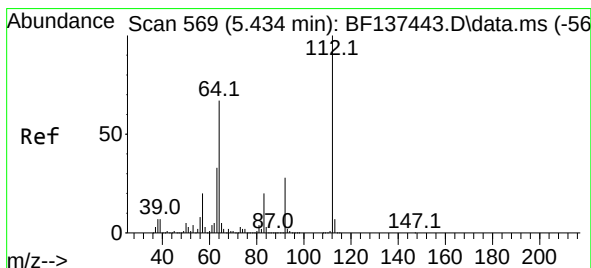
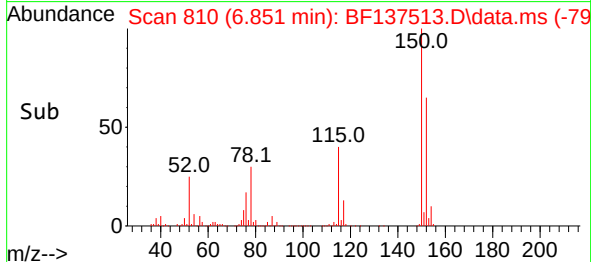
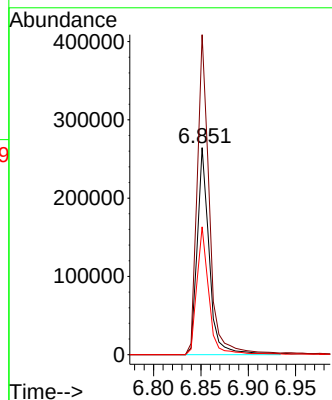
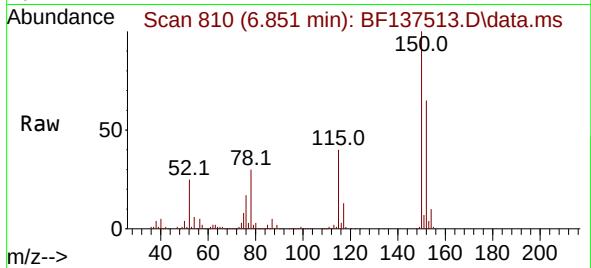




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

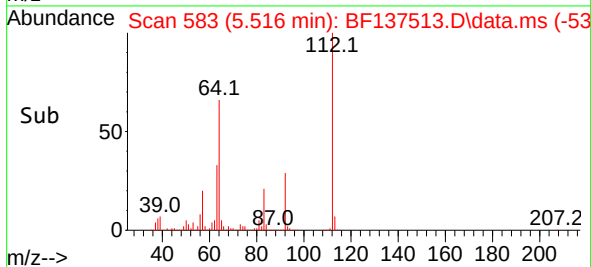
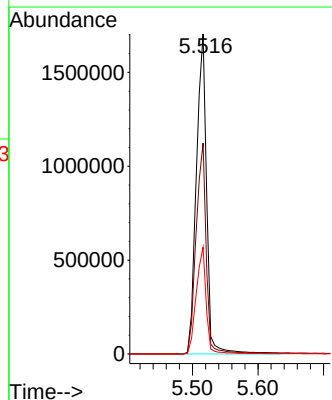
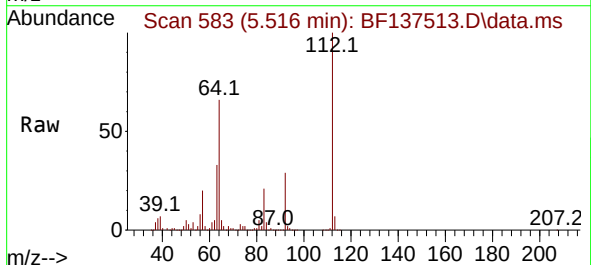
Instrument :
BNA_F
ClientSampleId :
PB159429TB

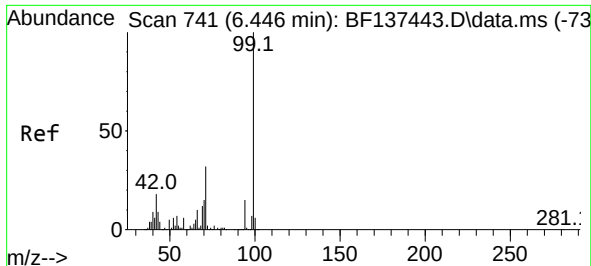
Tgt Ion:152 Resp: 234712
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 61.7 48.8 73.2



#5
2-Fluorophenol
Concen: 120.513 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion:112 Resp: 1867617
Ion Ratio Lower Upper
112 100
64 65.9 53.4 80.2
63 33.3 26.2 39.2

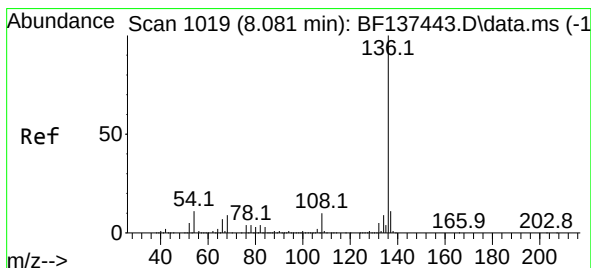
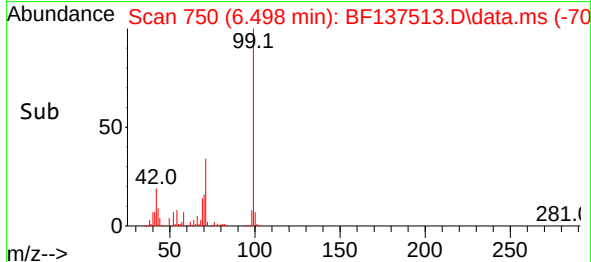
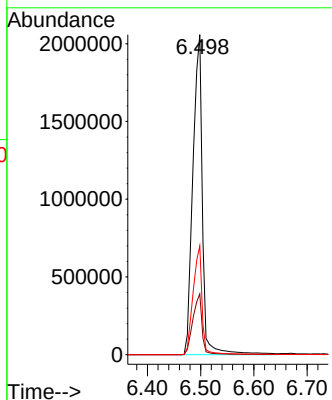
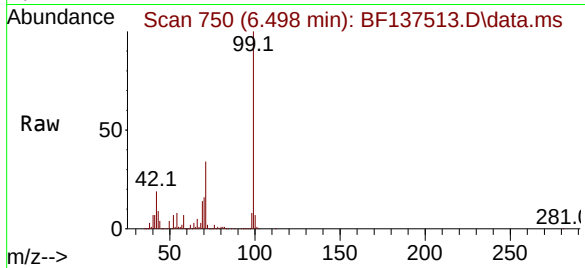




#7
Phenol-d6
Concen: 115.490 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

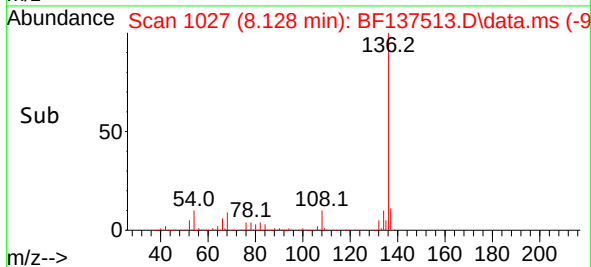
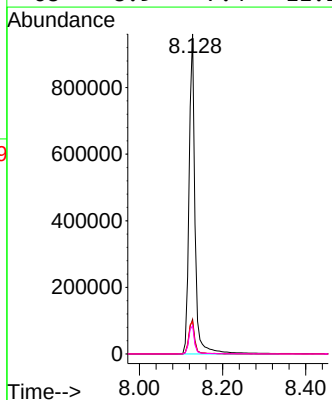
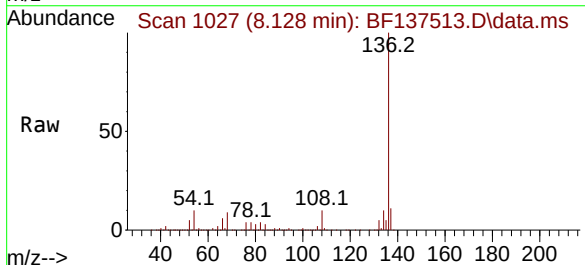
Instrument :
BNA_F
ClientSampleId :
PB159429TB

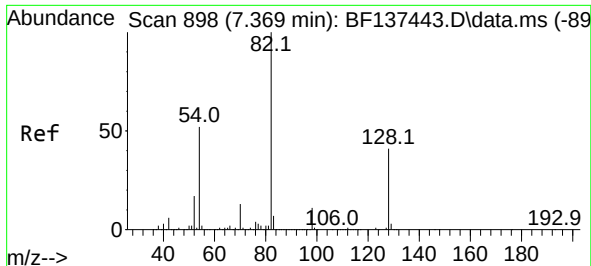
Tgt Ion: 99 Resp: 2583489
Ion Ratio Lower Upper
99 100
42 19.0 14.6 21.8
71 34.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

Tgt Ion:136 Resp: 951509
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 10.0 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 82.427 ng

RT: 7.416 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB159429TB

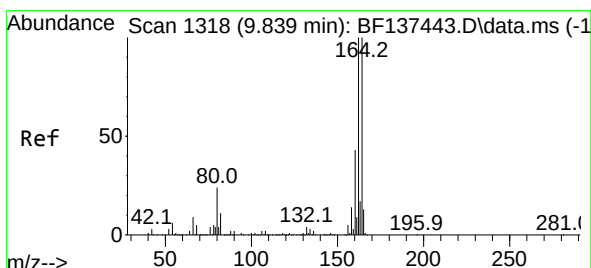
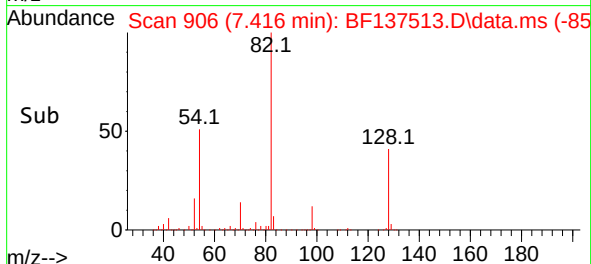
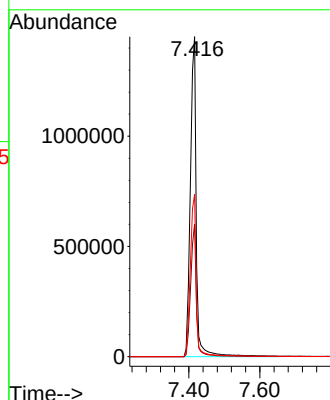
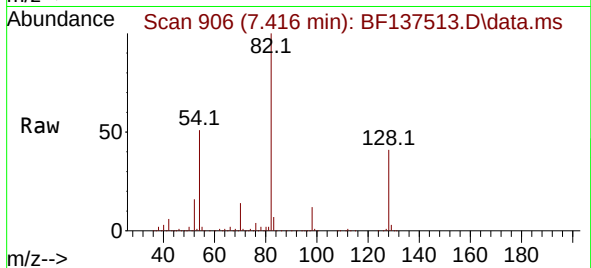
Tgt Ion: 82 Resp: 1687973

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 50.7 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: BF137513.D

Acq: 06 Mar 2024 12:23

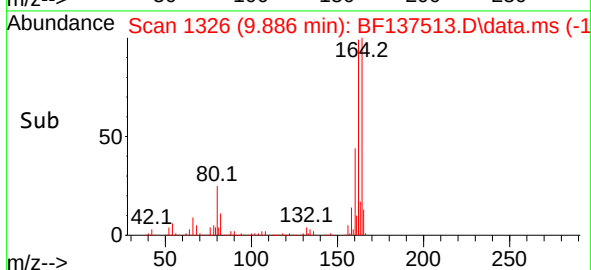
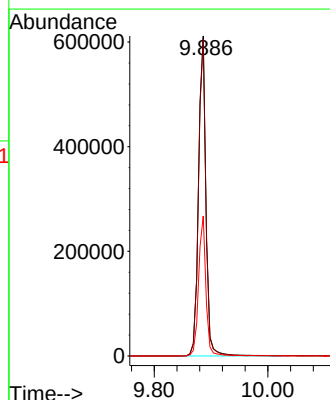
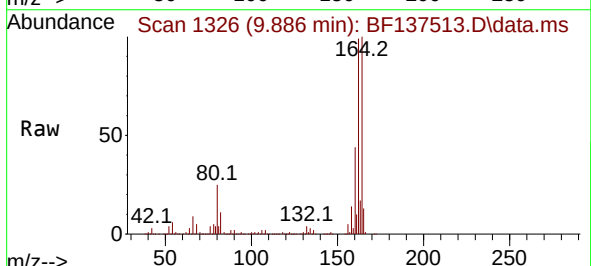
Tgt Ion:164 Resp: 559751

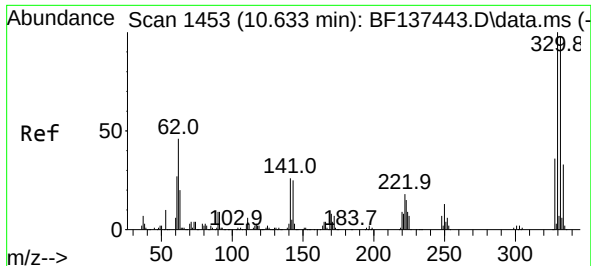
Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

160 43.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 133.232 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137513.D

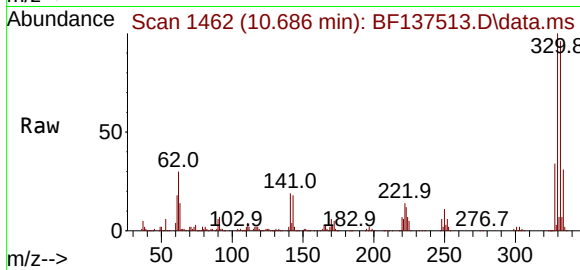
Acq: 06 Mar 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB159429TB



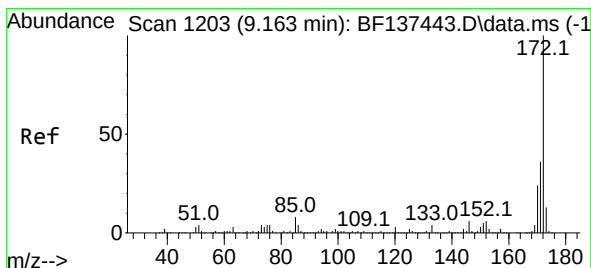
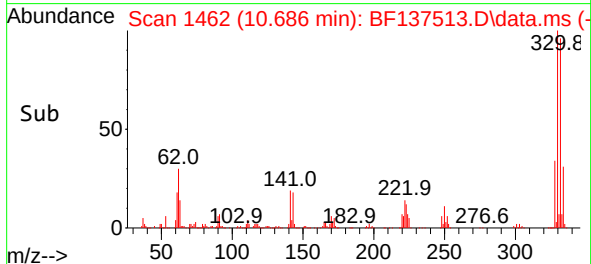
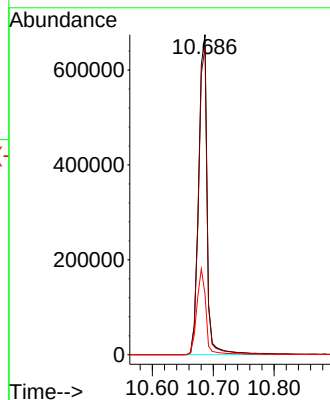
Tgt Ion:330 Resp: 654911

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 29.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 75.652 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137513.D

Acq: 06 Mar 2024 12:23

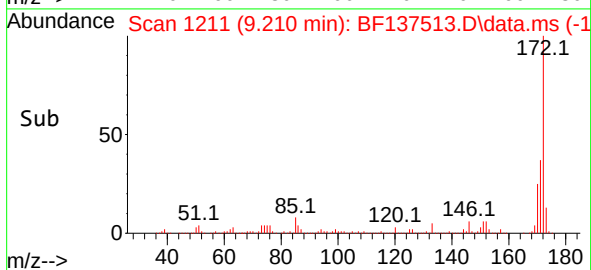
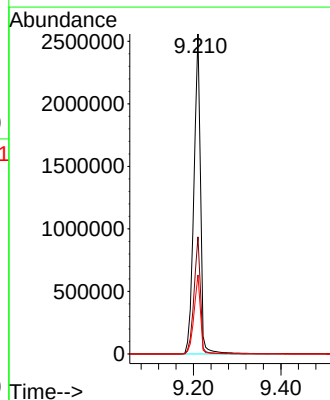
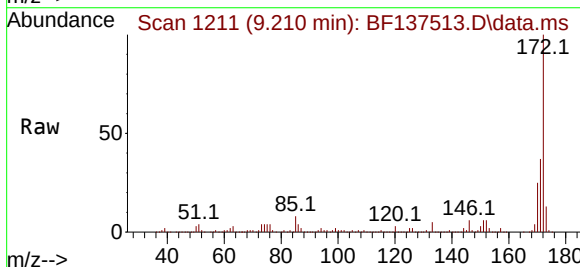
Tgt Ion:172 Resp: 2705208

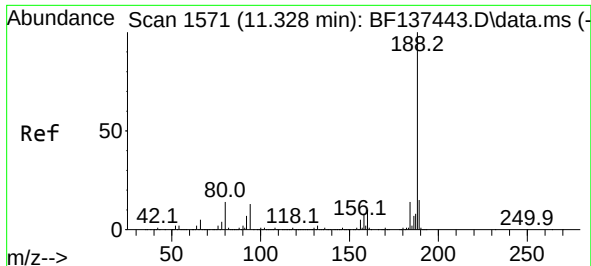
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.7 19.0 28.6

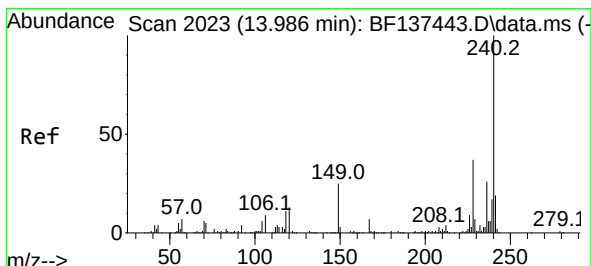
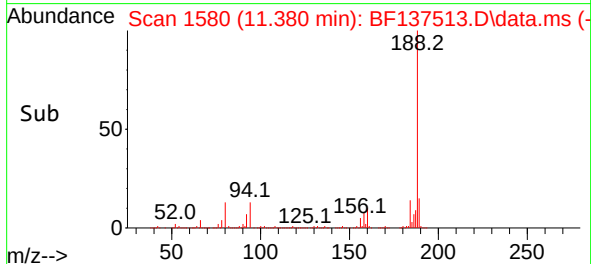
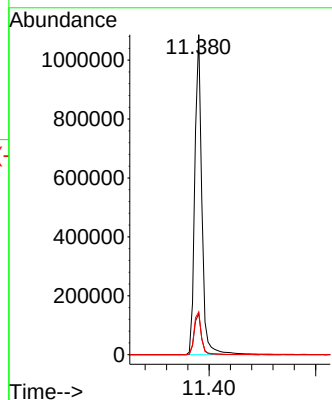
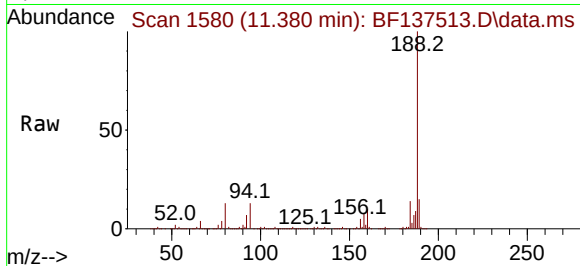




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

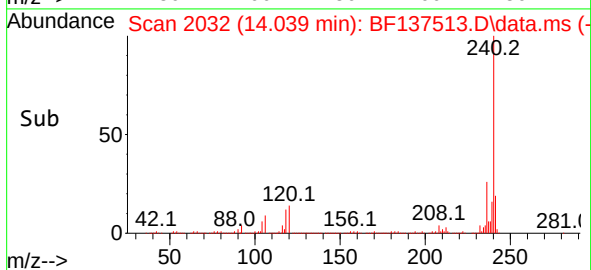
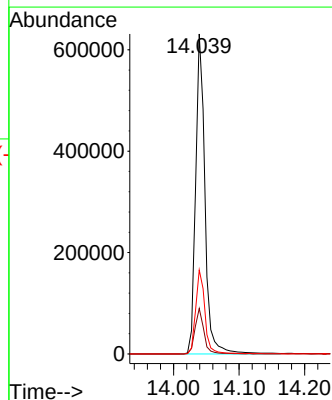
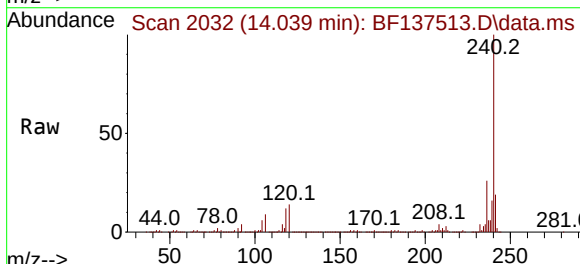
Instrument :
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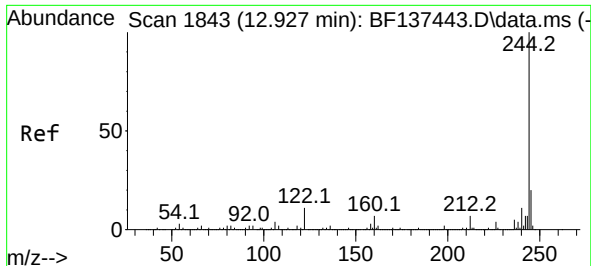
Tgt Ion:188 Resp: 1003867
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 13.4 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137513.D
Acq: 06 Mar 2024 12:23

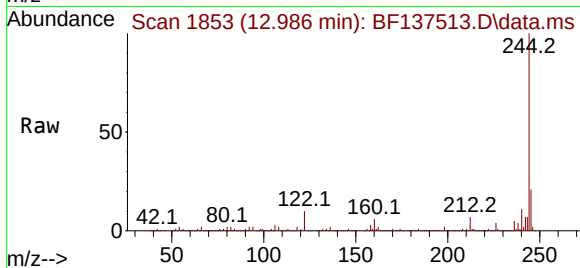
Tgt Ion:240 Resp: 627112
Ion Ratio Lower Upper
240 100
120 14.2 10.4 15.6
236 26.2 20.9 31.3



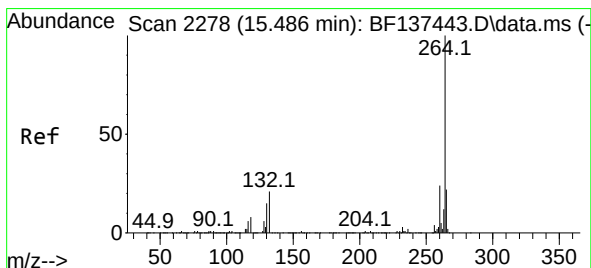
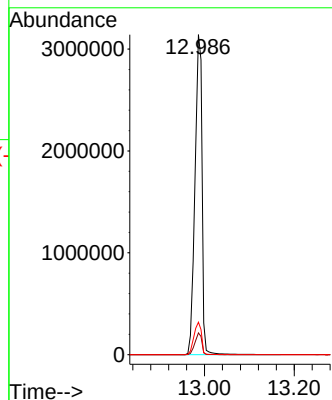
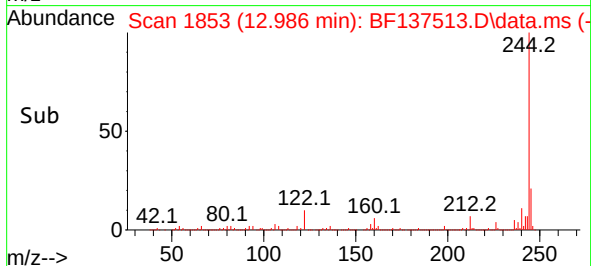


#79
 Terphenyl-d14
 Concen: 75.078 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF137513.D
 Acq: 06 Mar 2024 12:23

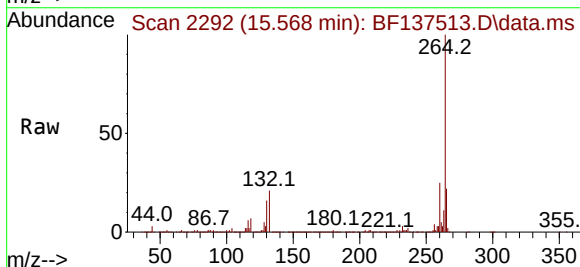
Instrument :
 BNA_F
 ClientSampleId :
 PB159429TB



Tgt Ion:244 Resp: 3423907
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.2 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: BF137513.D
 Acq: 06 Mar 2024 12:23



Tgt Ion:264 Resp: 495176
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 21.6 17.4 26.0

