

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137490.D
 Acq On : 04 Mar 2024 19:48
 Operator : CG\JU
 Sample : P1669-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Mar 04 23:19:20 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	227345	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	894339	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	511895	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	851149	20.000	ng	0.00
76) Chrysene-d12	14.039	240	441469	20.000	ng	-0.01
86) Perylene-d12	15.562	264	375756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1866602	124.350	ng	0.02
7) Phenol-d6	6.504	99	2376474	109.678	ng	0.00
23) Nitrobenzene-d5	7.416	82	1717049	89.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	597502	132.916	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2697730	82.496	ng	0.00
79) Terphenyl-d14	12.986	244	2880825	89.733	ng	0.00

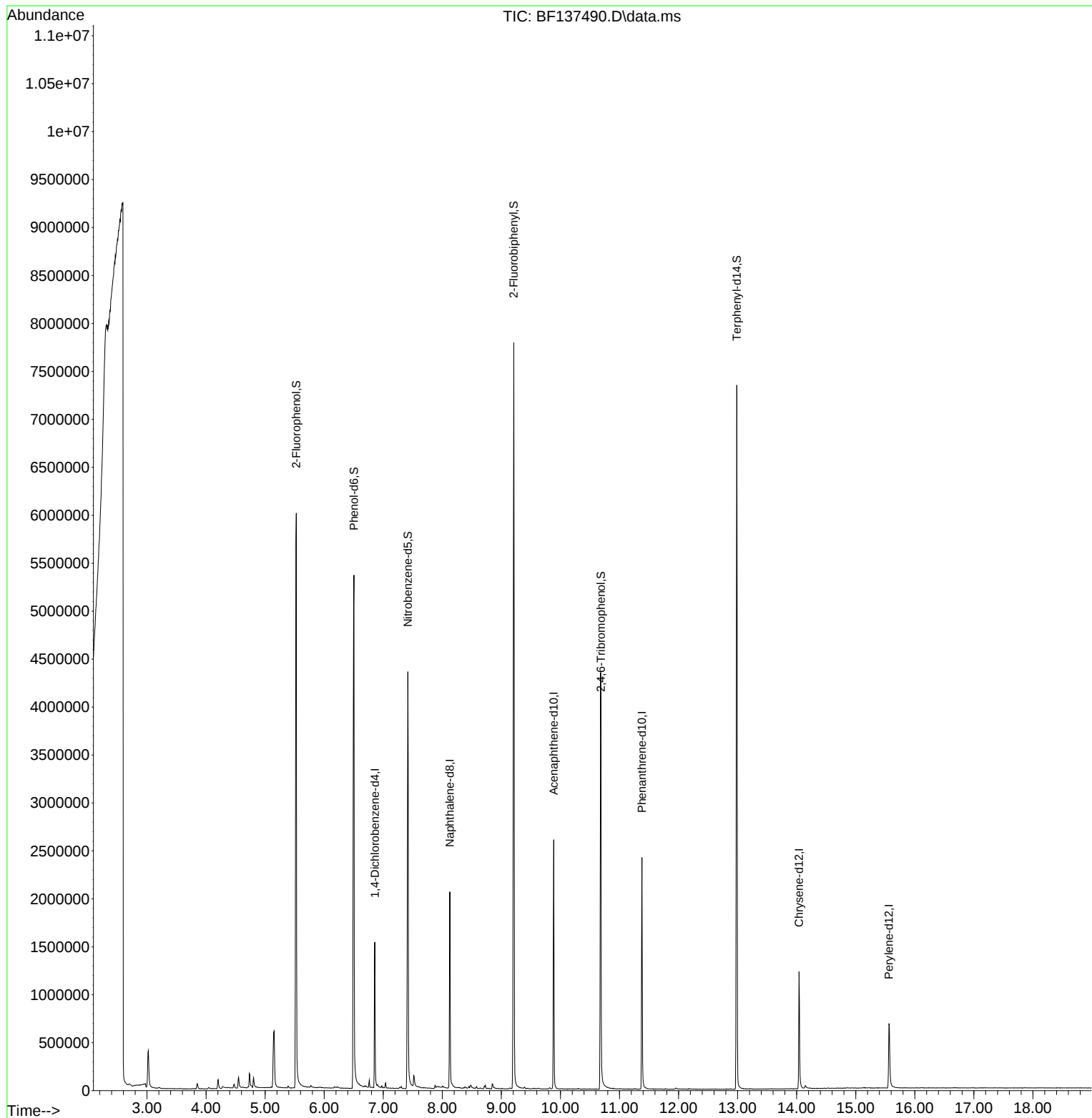
Target Compounds	Qvalue

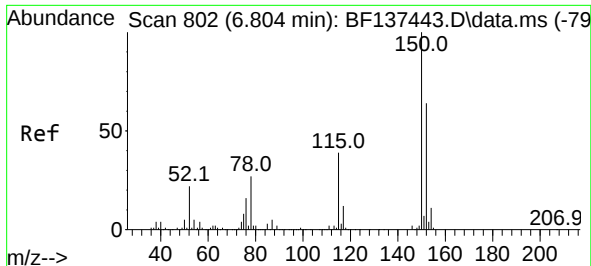
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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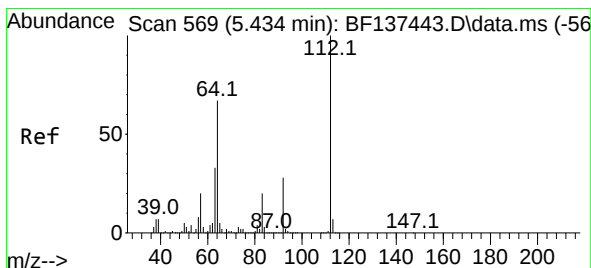
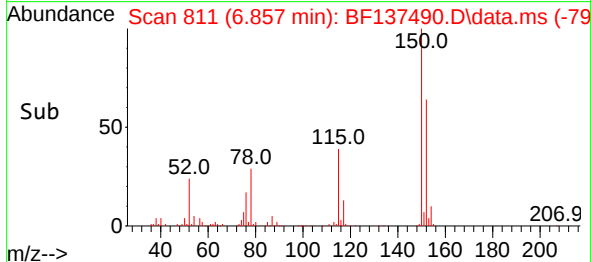
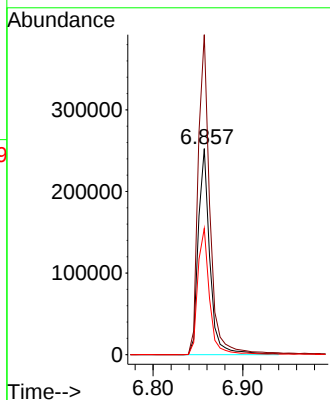
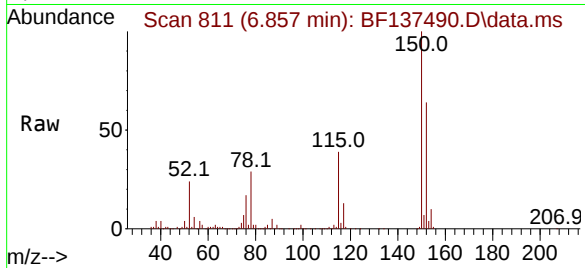




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

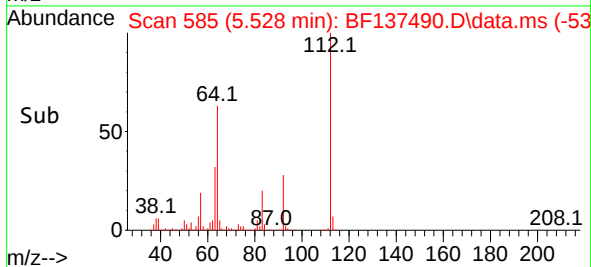
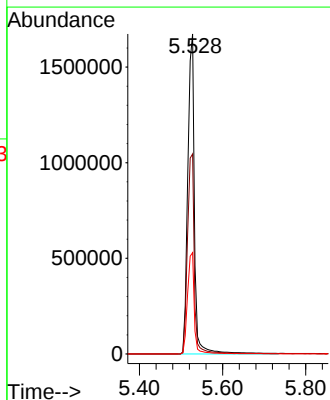
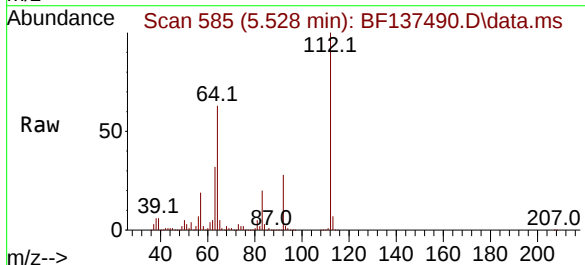
Instrument :
BNA_F
ClientSampleId :
TP-11

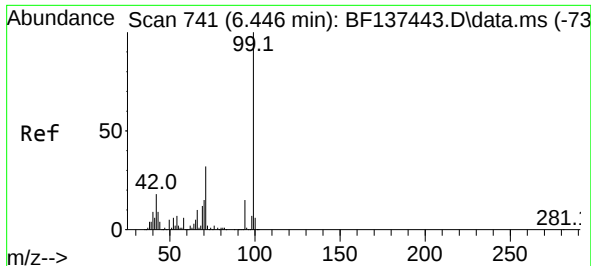
Tgt Ion:152 Resp: 227345
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 61.3 48.8 73.2



#5
2-Fluorophenol
Concen: 124.350 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:112 Resp: 1866602
Ion Ratio Lower Upper
112 100
64 62.5 53.4 80.2
63 31.6 26.2 39.2

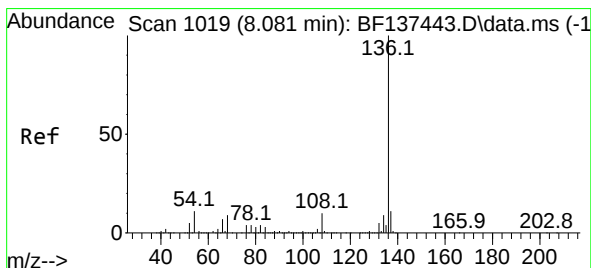
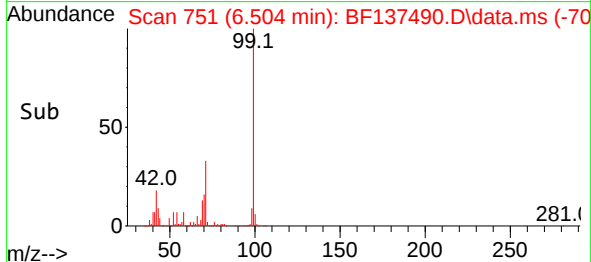
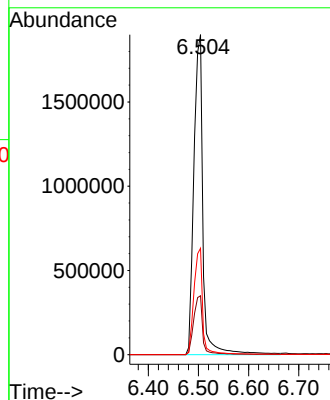
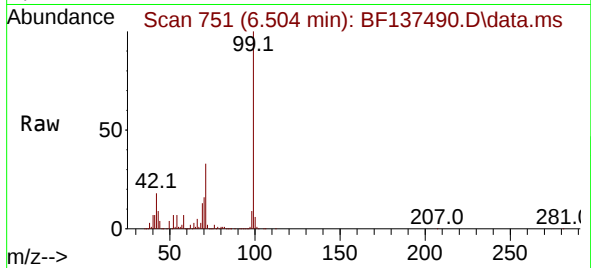




#7
Phenol-d6
Concen: 109.678 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

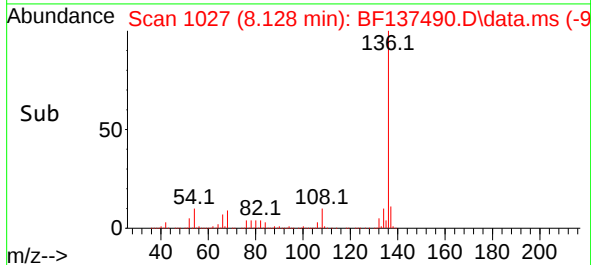
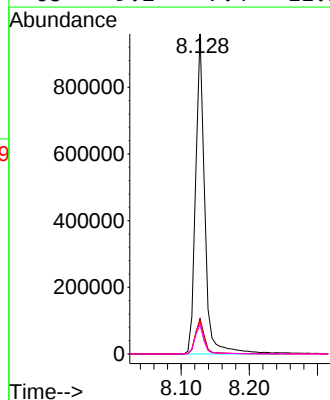
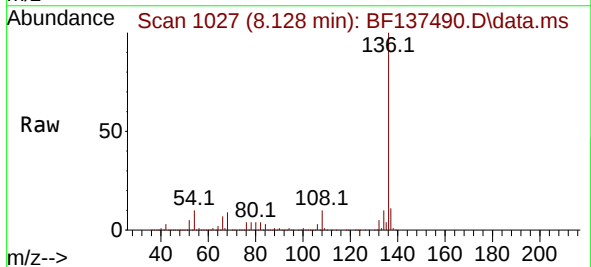
Instrument :
BNA_F
ClientSampleId :
TP-11

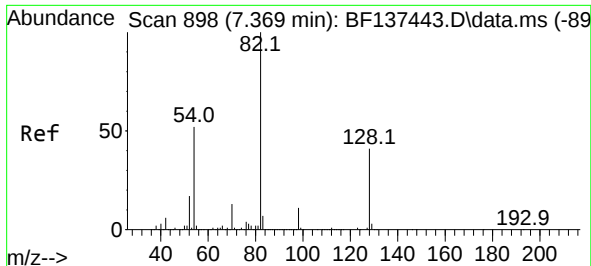
Tgt Ion: 99 Resp: 2376474
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 33.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion: 136 Resp: 894339
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 8.5 12.7
68 9.2 7.4 11.2





#23

Nitrobenzene-d5

Concen: 89.207 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137490.D

Acq: 04 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-11

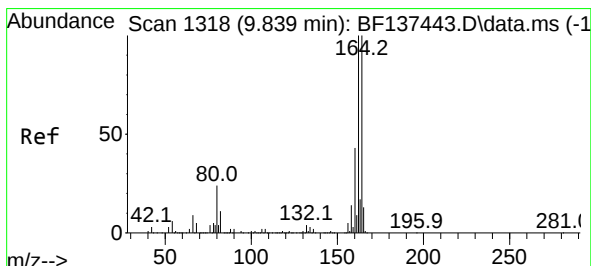
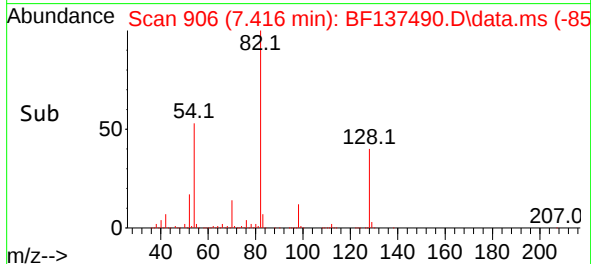
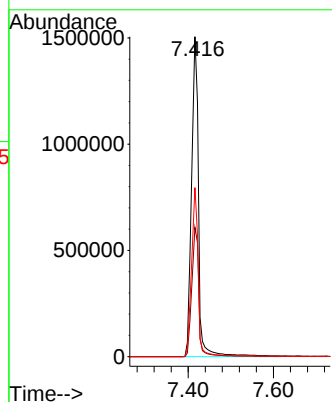
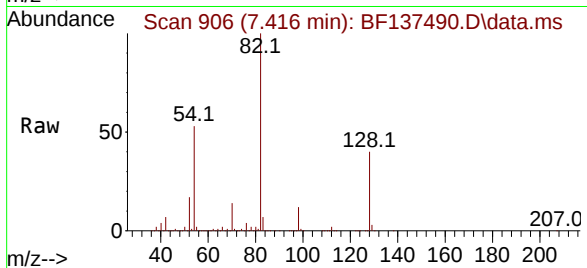
Tgt Ion: 82 Resp: 1717049

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 52.9 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: BF137490.D

Acq: 04 Mar 2024 19:48

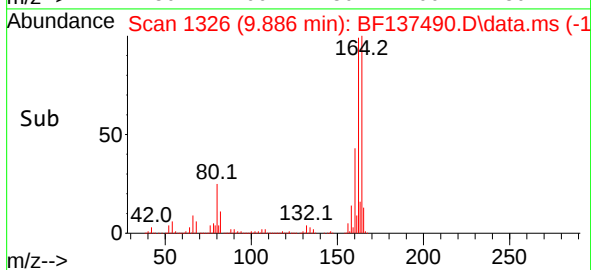
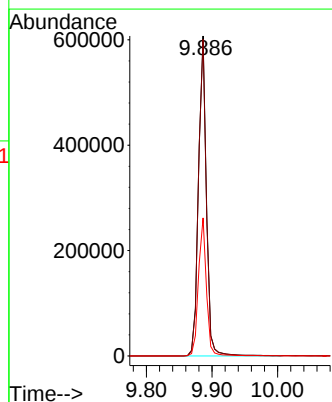
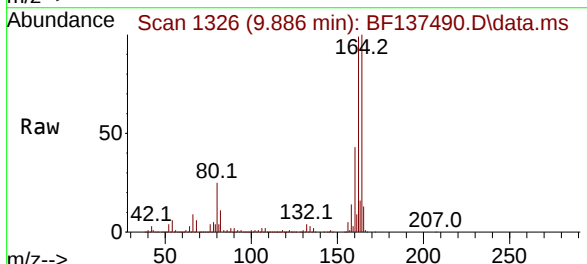
Tgt Ion:164 Resp: 511895

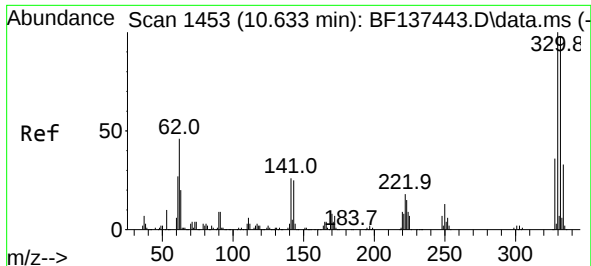
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

160 43.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 132.916 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137490.D

Acq: 04 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-11

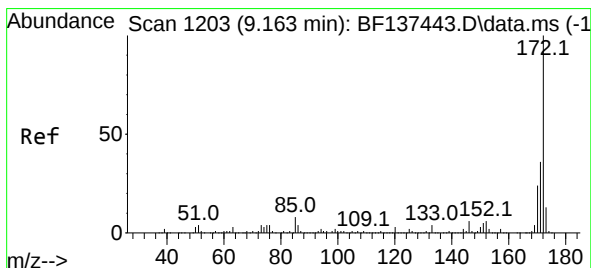
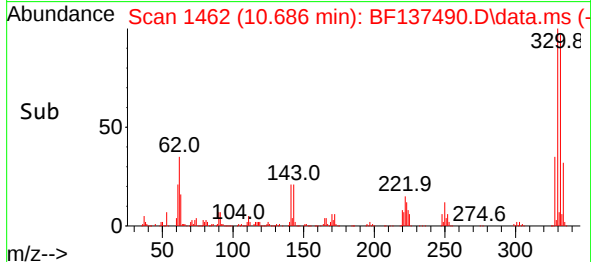
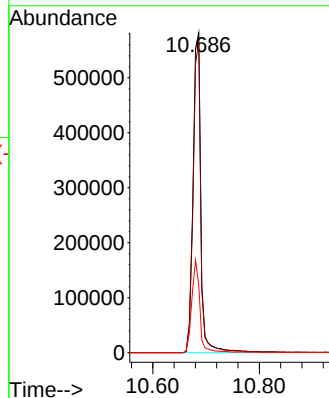
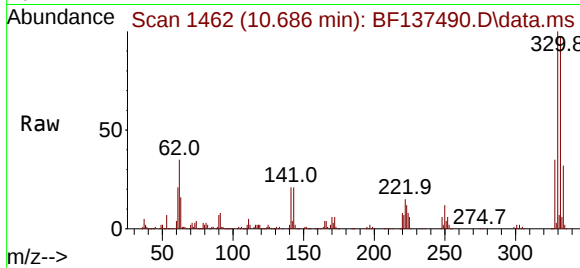
Tgt Ion:330 Resp: 597502

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 82.496 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137490.D

Acq: 04 Mar 2024 19:48

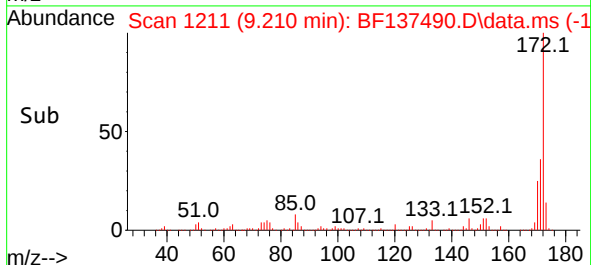
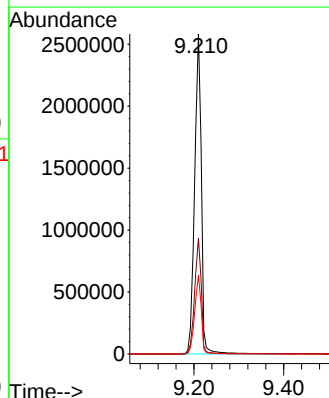
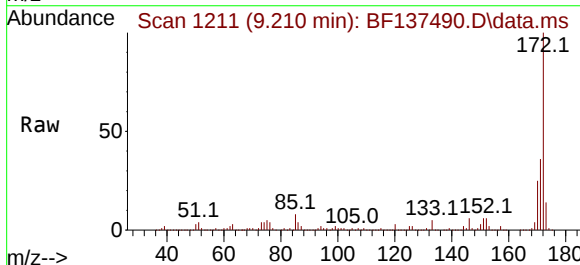
Tgt Ion:172 Resp: 2697730

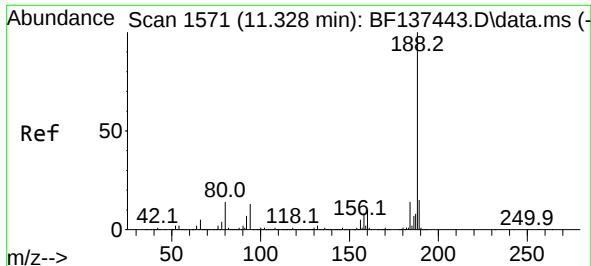
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.6 19.0 28.6

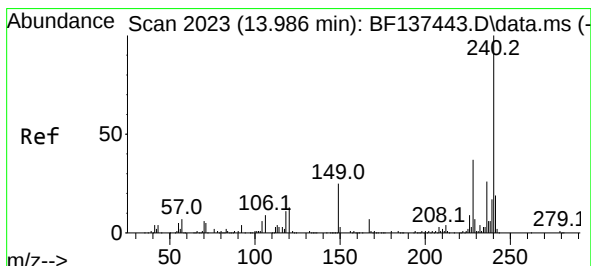
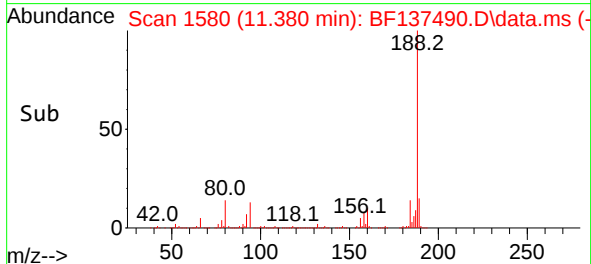
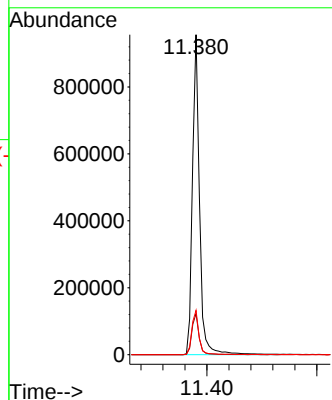
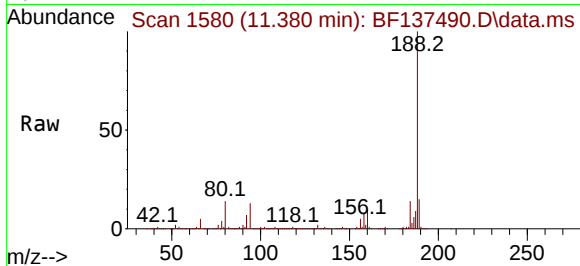




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

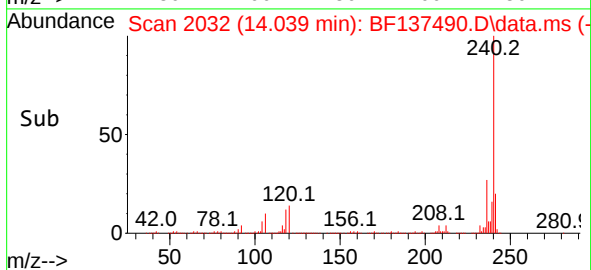
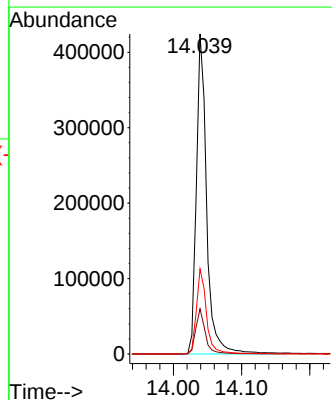
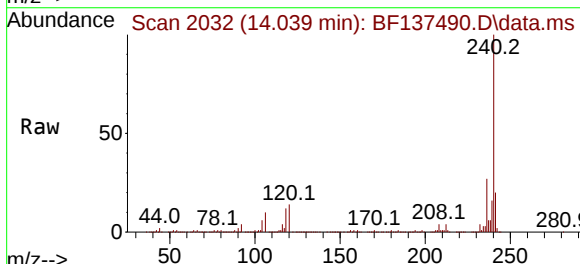
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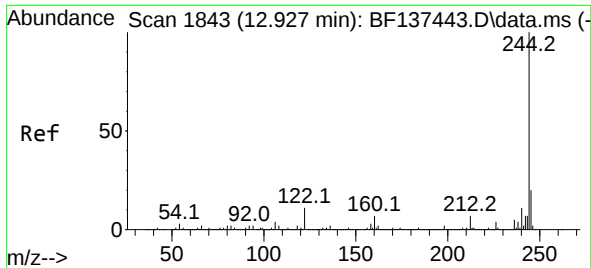
Tgt Ion:188 Resp: 851149
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.9 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

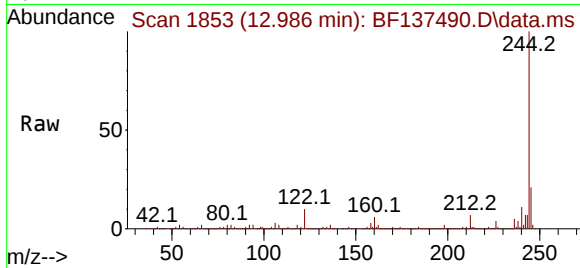
Tgt Ion:240 Resp: 441469
Ion Ratio Lower Upper
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120 14.1 10.4 15.6
236 26.5 20.9 31.3



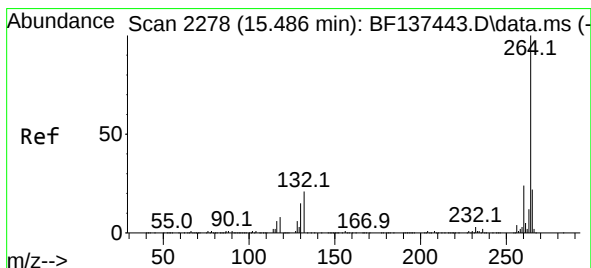
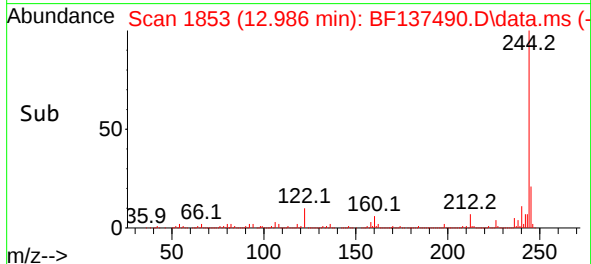
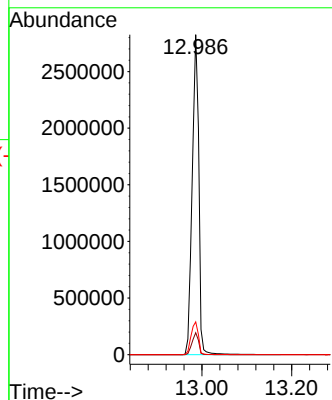


#79
 Terphenyl-d14
 Concen: 89.733 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF137490.D
 Acq: 04 Mar 2024 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-11



Tgt Ion:244 Resp: 2880825
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.3 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF137490.D
 Acq: 04 Mar 2024 19:48

Tgt Ion:264 Resp: 375756
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 21.4 17.4 26.0

