

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137488.D
 Acq On : 04 Mar 2024 18:49
 Operator : CG\JU
 Sample : P1662-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

Quant Time: Mar 04 23:18:48 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	228854	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	906880	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	502399	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	840529	20.000	ng	0.00
76) Chrysene-d12	14.039	240	447077	20.000	ng	-0.01
86) Perylene-d12	15.562	264	390854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1835378	121.464	ng	0.02
7) Phenol-d6	6.504	99	2350356	107.758	ng	0.00
23) Nitrobenzene-d5	7.416	82	1682156	86.185	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	578666	131.159	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	2608222	81.266	ng	0.00
79) Terphenyl-d14	12.986	244	2792877	85.902	ng	0.00

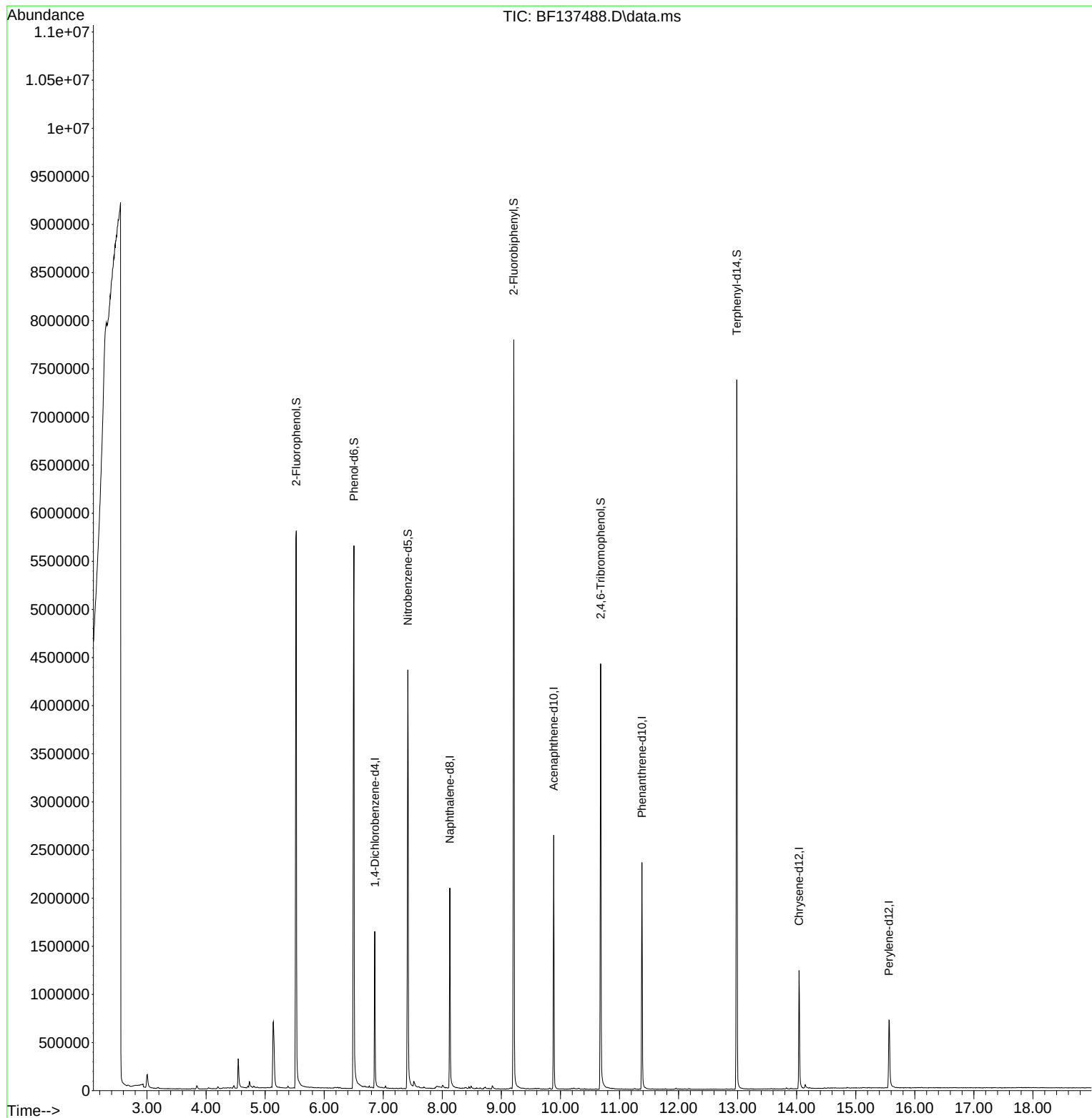
Target Compounds	Qvalue

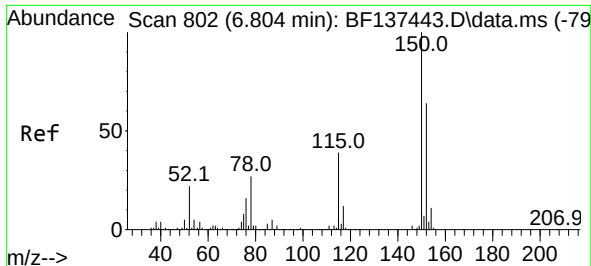
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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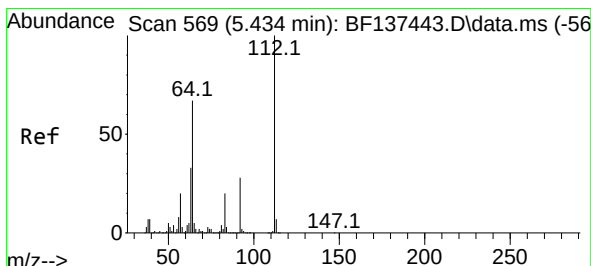
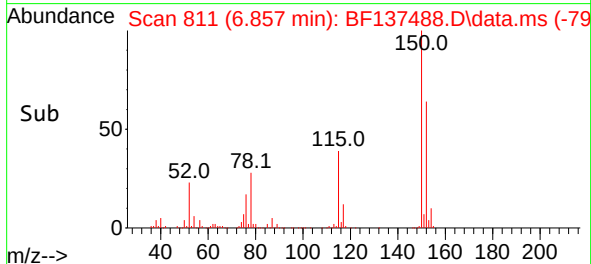
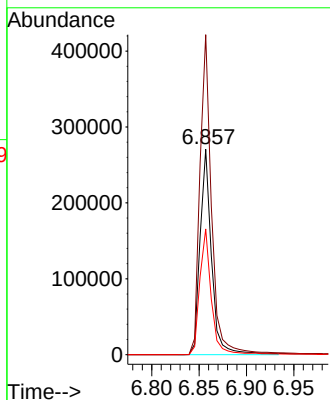
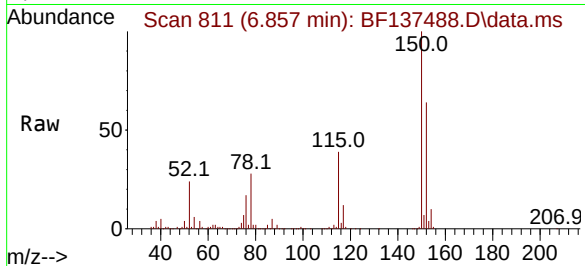




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

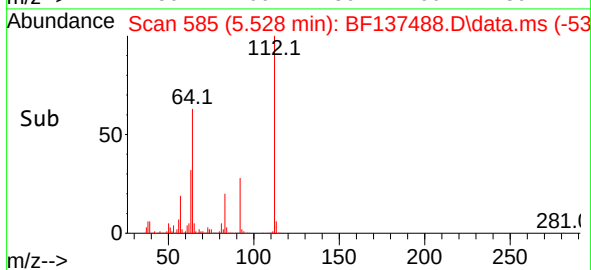
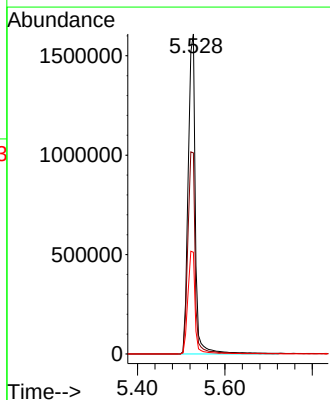
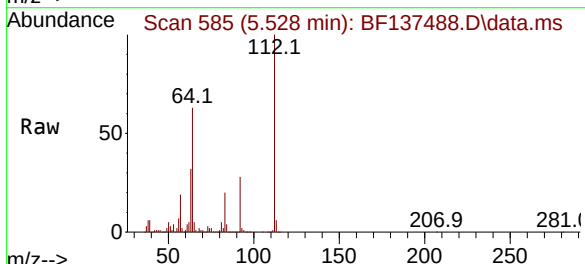
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

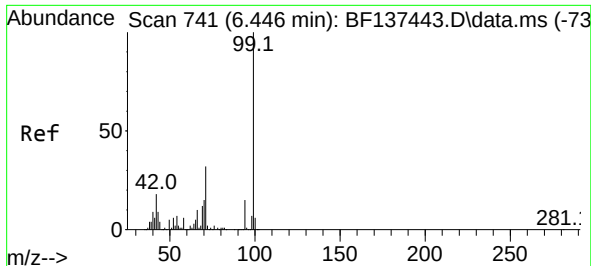
Tgt Ion:152 Resp: 228854
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 61.2 48.8 73.2



#5
2-Fluorophenol
Concen: 121.464 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion:112 Resp: 1835378
Ion Ratio Lower Upper
112 100
64 62.9 53.4 80.2
63 31.8 26.2 39.2

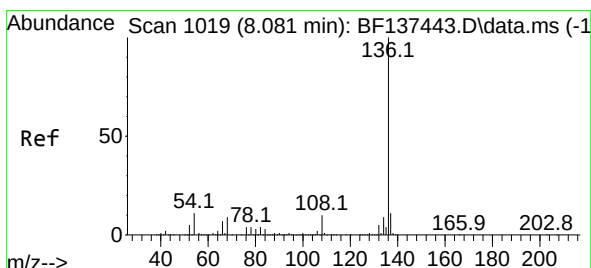
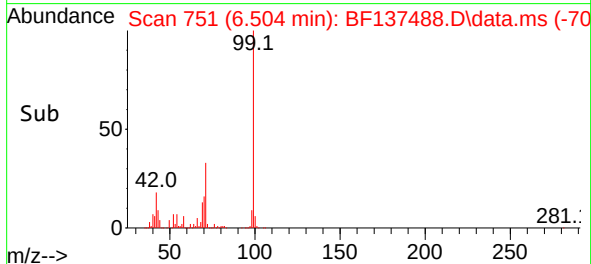
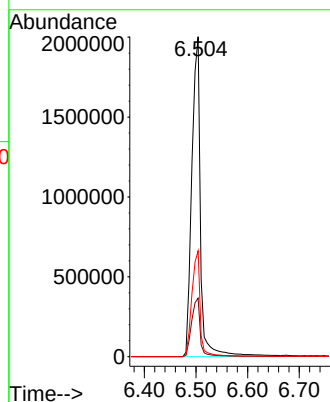
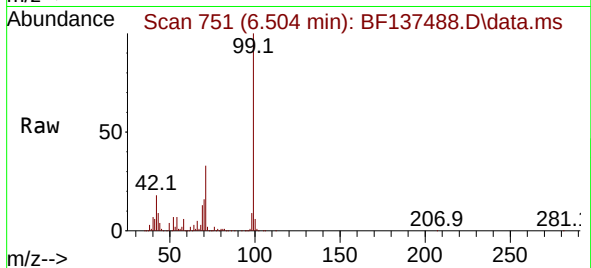




#7
Phenol-d6
Concen: 107.758 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

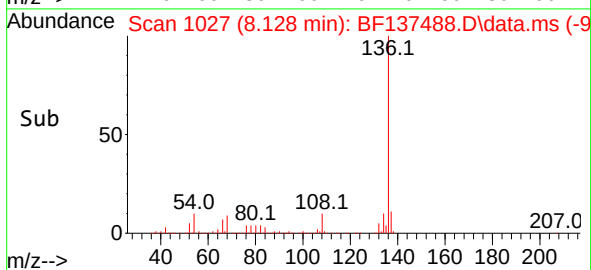
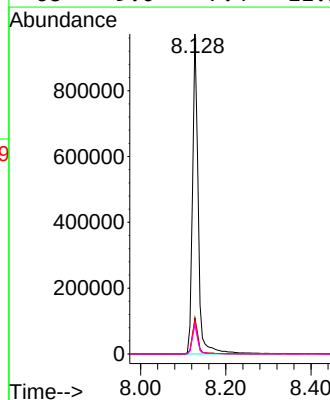
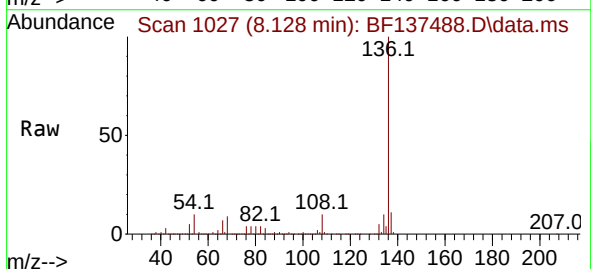
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

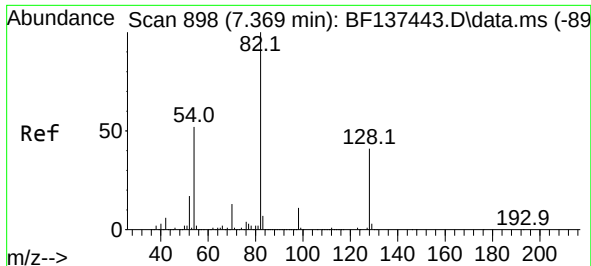
Tgt Ion: 99 Resp: 2350356
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 33.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137488.D
Acq: 04 Mar 2024 18:49

Tgt Ion: 136 Resp: 906880
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.4 8.5 12.7
68 9.0 7.4 11.2





#23

Nitrobenzene-d5

Concen: 86.185 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137488.D

Acq: 04 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

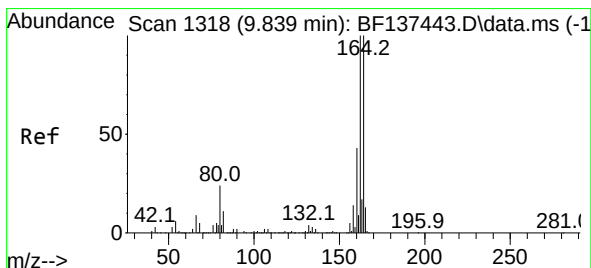
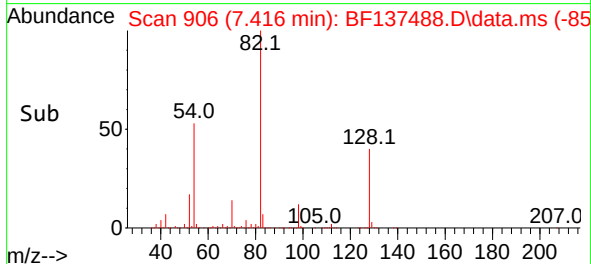
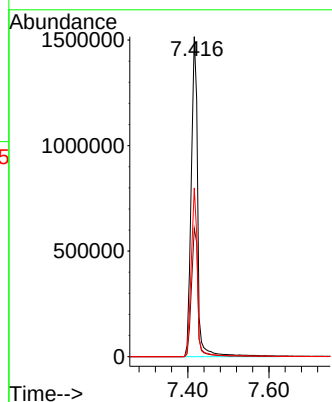
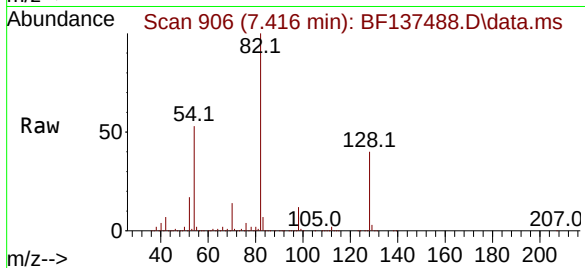
Tgt Ion: 82 Resp: 1682156

Ion Ratio Lower Upper

82 100

128 40.1 32.5 48.7

54 52.7 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: BF137488.D

Acq: 04 Mar 2024 18:49

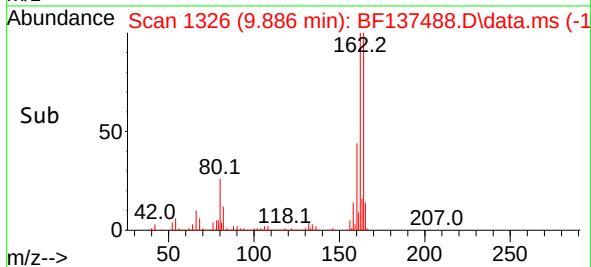
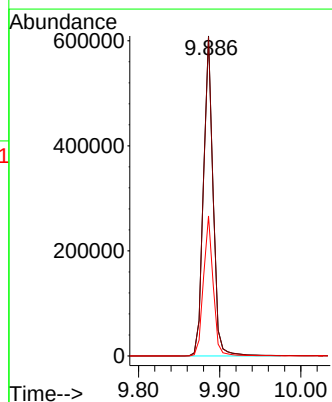
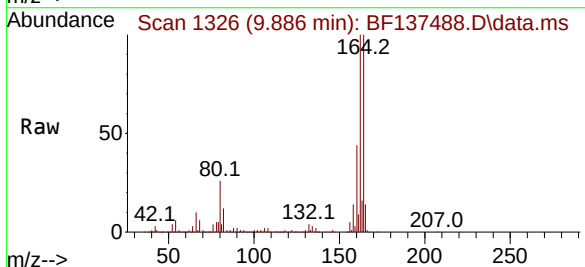
Tgt Ion:164 Resp: 502399

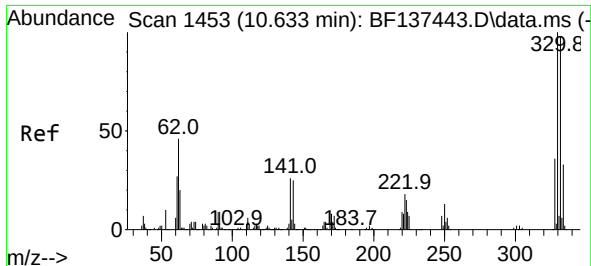
Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

160 43.7 34.4 51.6

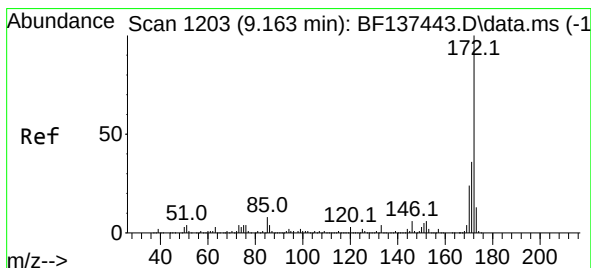
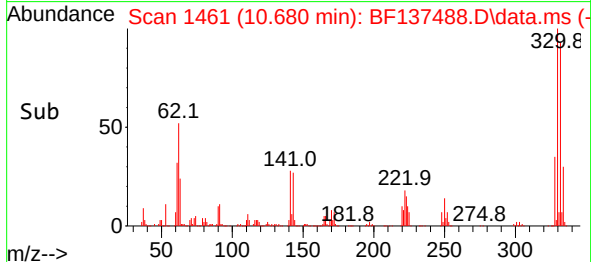
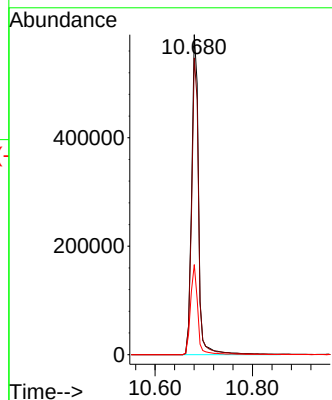
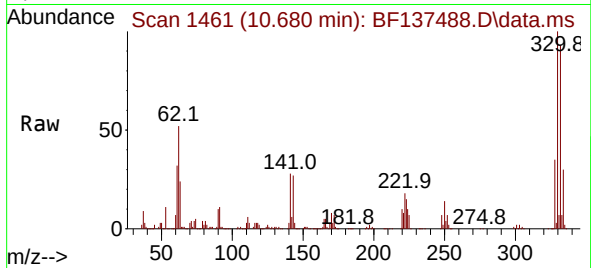




#42
 2,4,6-Tribromophenol
 Concen: 131.159 ng
 RT: 10.680 min Scan# 1453
 Delta R.T. -0.012 min
 Lab File: BF137488.D
 Acq: 04 Mar 2024 18:49

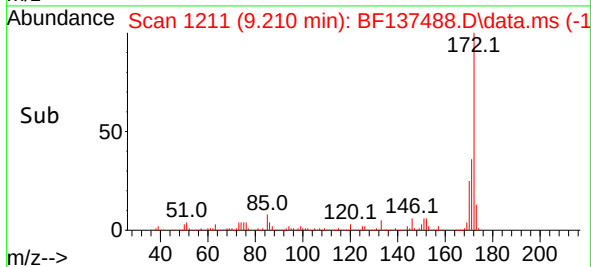
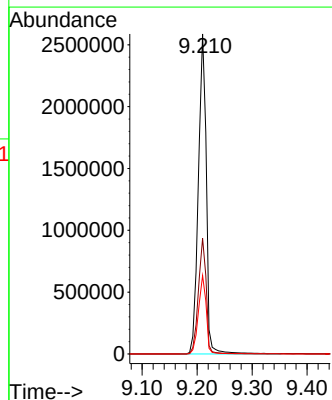
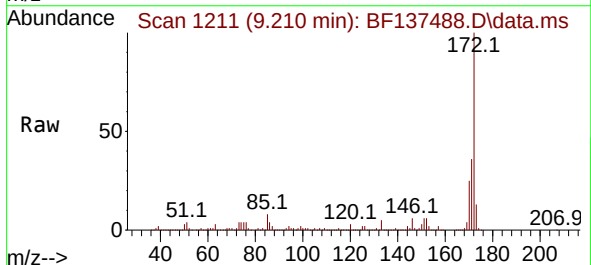
Instrument :
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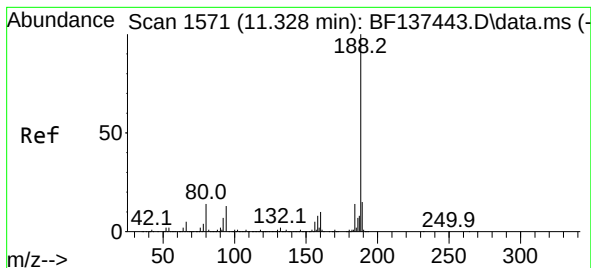
Tgt Ion:330 Resp: 578666
 Ion Ratio Lower Upper
 330 100
 332 93.6 78.0 117.0
 141 29.0 27.3 40.9



#45
 2-Fluorobiphenyl
 Concen: 81.266 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF137488.D
 Acq: 04 Mar 2024 18:49

Tgt Ion:172 Resp: 2608222
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.5 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: BF137488.D

Acq: 04 Mar 2024 18:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

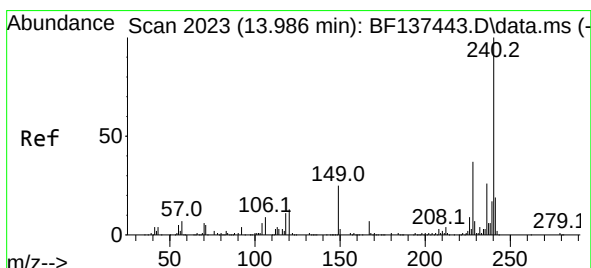
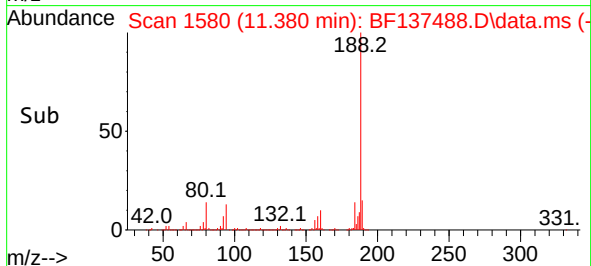
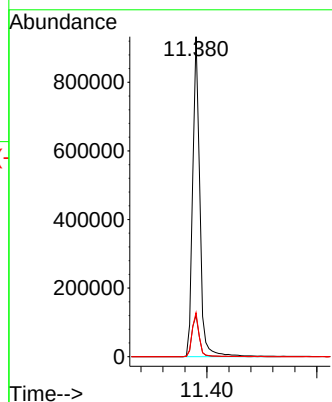
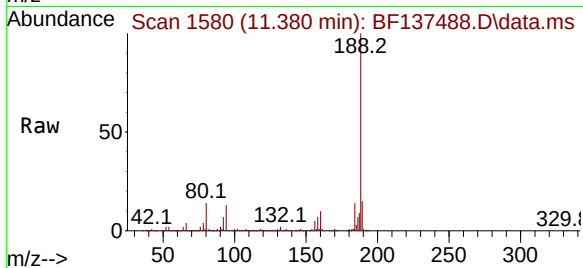
Tgt Ion:188 Resp: 840529

Ion Ratio Lower Upper

188 100

94 12.9 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: BF137488.D

Acq: 04 Mar 2024 18:49

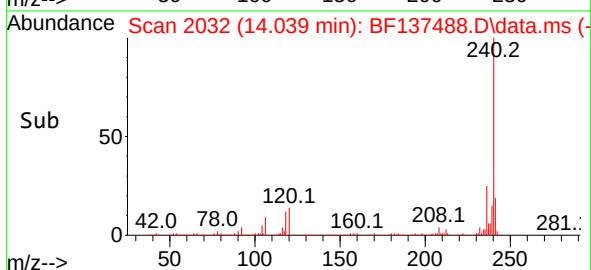
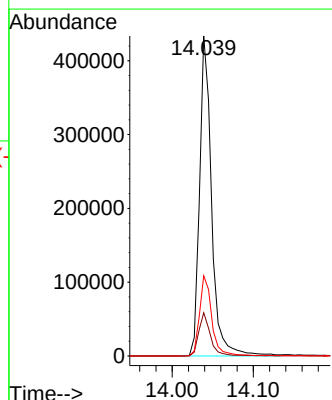
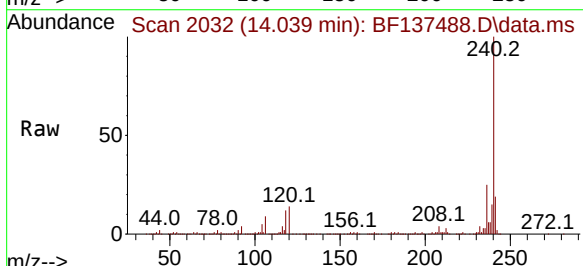
Tgt Ion:240 Resp: 447077

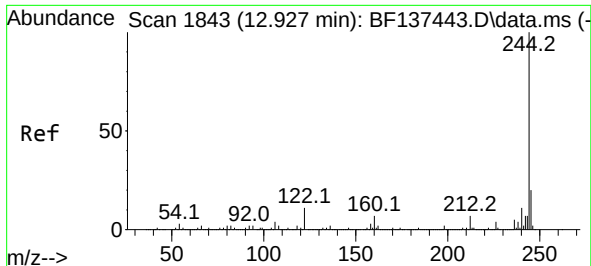
Ion Ratio Lower Upper

240 100

120 13.5 10.4 15.6

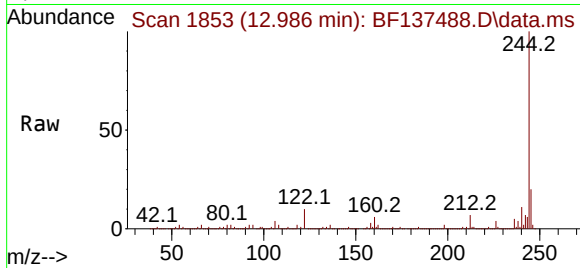
236 25.1 20.9 31.3



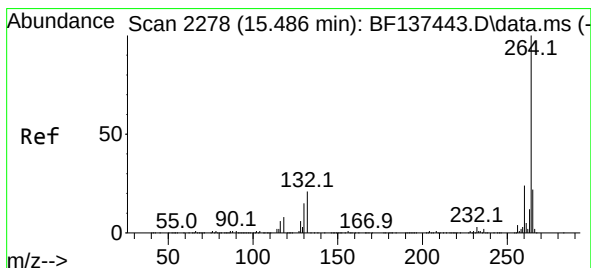
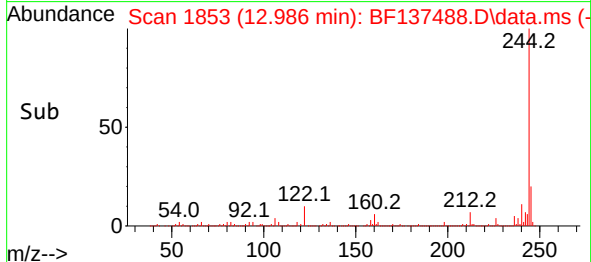
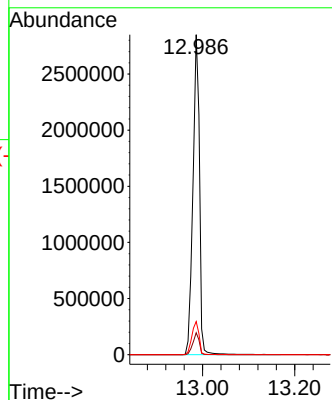


#79
 Terphenyl-d14
 Concen: 85.902 ng
 RT: 12.986 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137488.D
 Acq: 04 Mar 2024 18:49

Instrument :
 BNA_F
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 RBR-2520556



Tgt Ion:244 Resp: 2792877
 Ion Ratio Lower Upper
 244 100
 212 6.8 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: BF137488.D
 Acq: 04 Mar 2024 18:49

Tgt Ion:264 Resp: 390854
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.3 28.9
 265 21.9 17.4 26.0

