

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138446.D
 Acq On : 03 Jul 2024 15:13
 Operator : CG\JU
 Sample : P3142-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 327

Quant Time: Jul 03 16:04:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	127418	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	506817	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	307124	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	445148	20.000	ng	#-0.01
76) Chrysene-d12	14.027	240	278105	20.000	ng	0.00
86) Perylene-d12	15.492	264	246653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	514284	66.918	ng	0.00
7) Phenol-d6	6.504	99	779224	75.267	ng	-0.01
23) Nitrobenzene-d5	7.434	82	553287	56.711	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	132230	52.697	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1129403	58.523	ng	0.00
79) Terphenyl-d14	12.974	244	851827	41.976	ng	0.00

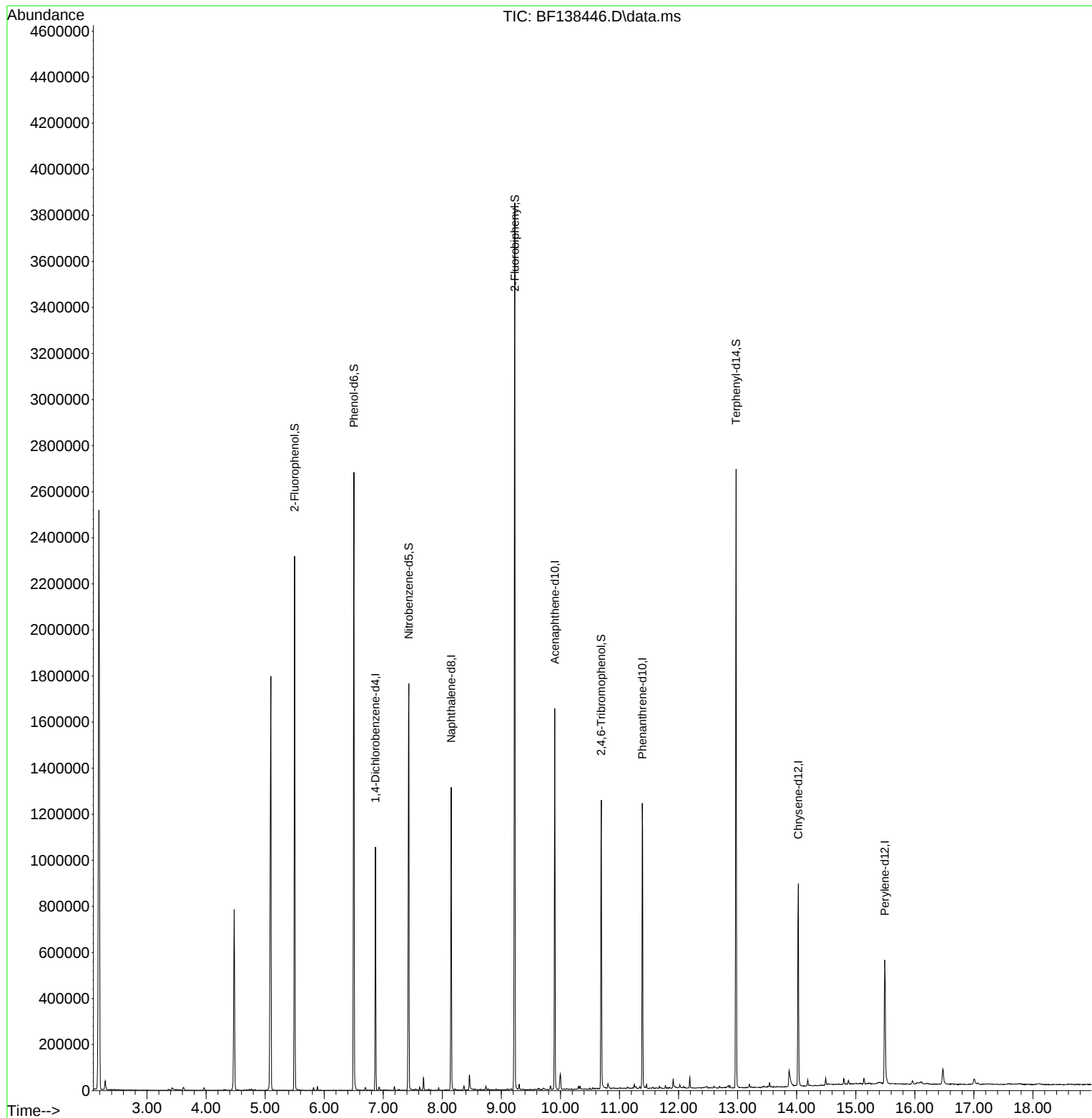
Target Compounds	Qvalue

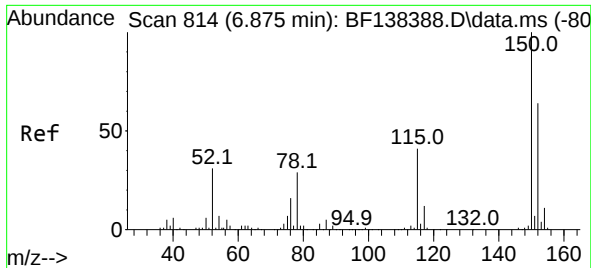
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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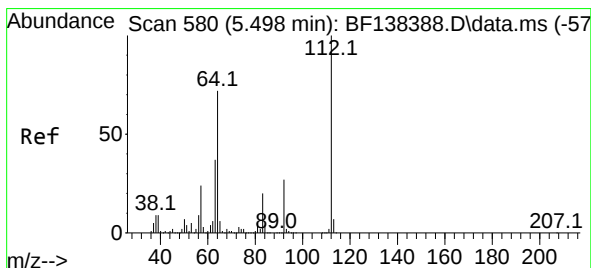
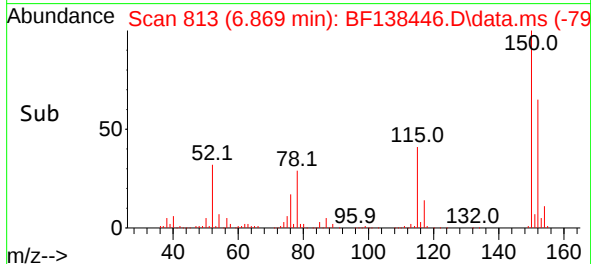
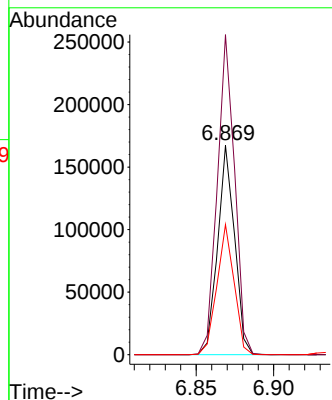
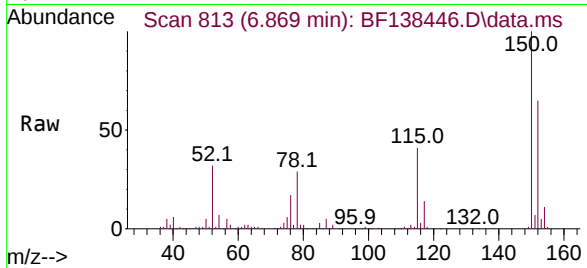




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

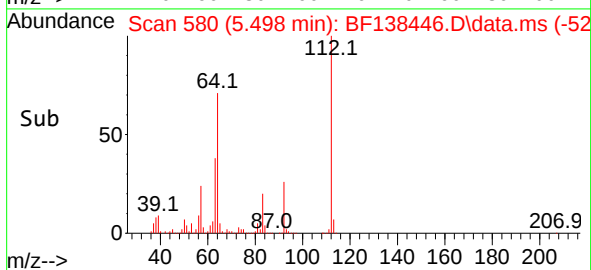
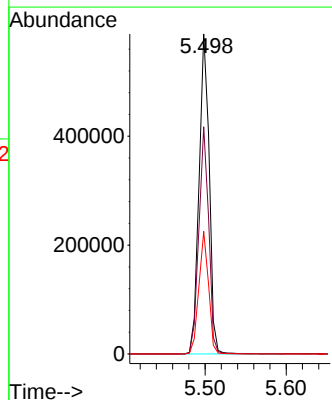
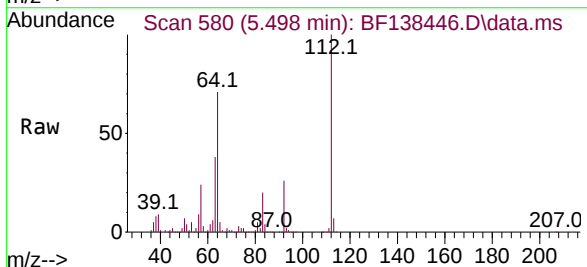
Instrument :
BNA_F
ClientSampleId :
327

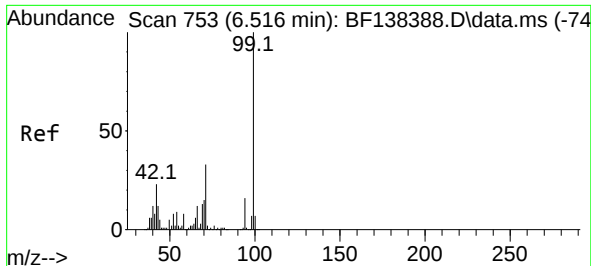
Tgt Ion:152 Resp: 127418
Ion Ratio Lower Upper
152 100
150 152.9 124.9 187.3
115 62.2 50.8 76.2



#5
2-Fluorophenol
Concen: 66.918 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

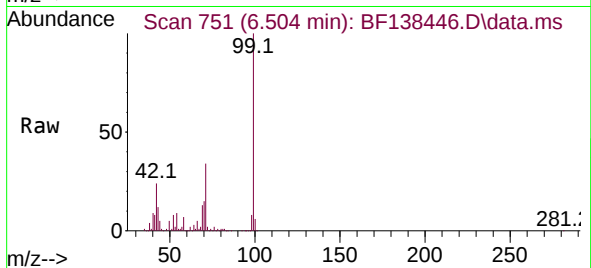
Tgt Ion:112 Resp: 514284
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 38.3 29.4 44.0



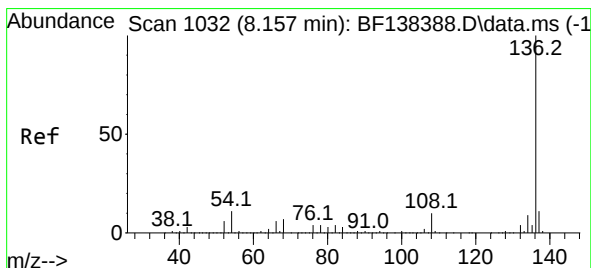
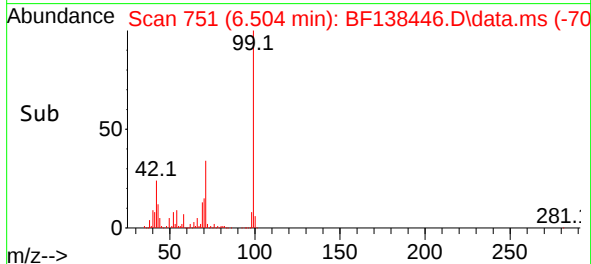
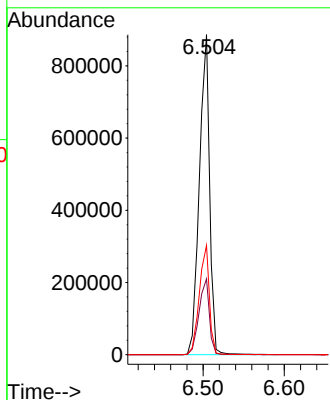


#7
Phenol-d6
Concen: 75.267 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

Instrument :
BNA_F
ClientSampleId :
327

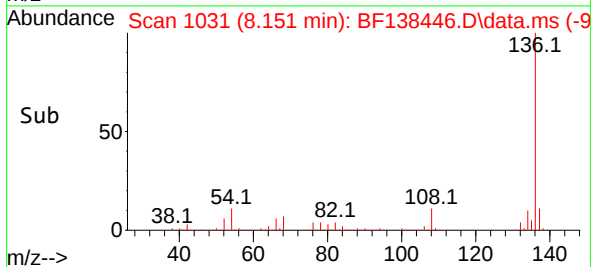
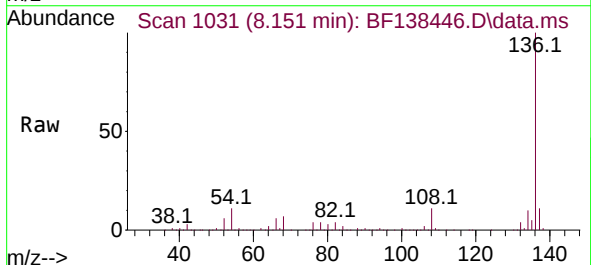
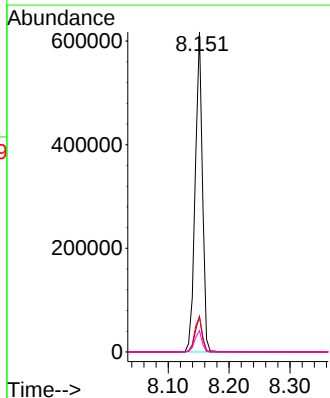


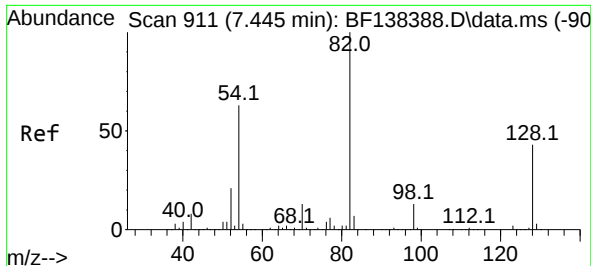
Tgt Ion: 99 Resp: 779224
Ion Ratio Lower Upper
99 100
42 23.7 18.5 27.7
71 34.2 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

Tgt Ion: 136 Resp: 506817
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.9 9.0 13.4
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 56.711 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138446.D

Acq: 03 Jul 2024 15:13

Instrument :

BNA_F

ClientSampleId :

327

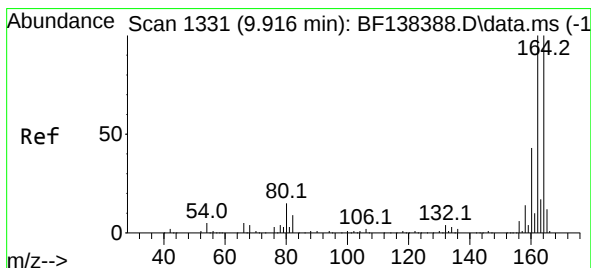
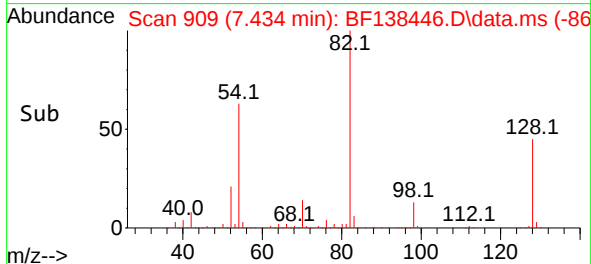
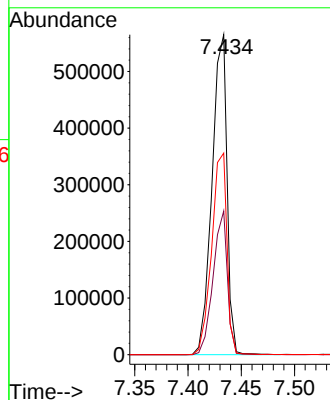
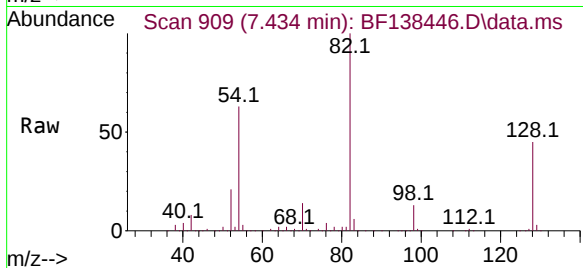
Tgt Ion: 82 Resp: 553287

Ion Ratio Lower Upper

82 100

128 44.9 34.6 52.0

54 63.0 50.5 75.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.012 min

Lab File: BF138446.D

Acq: 03 Jul 2024 15:13

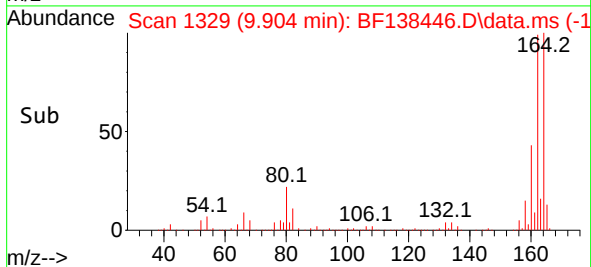
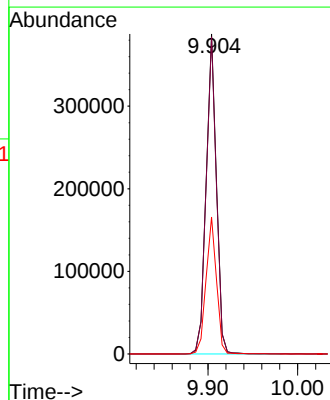
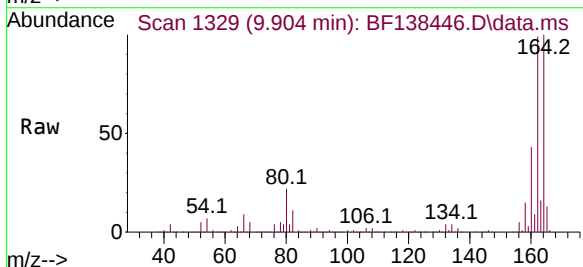
Tgt Ion:164 Resp: 307124

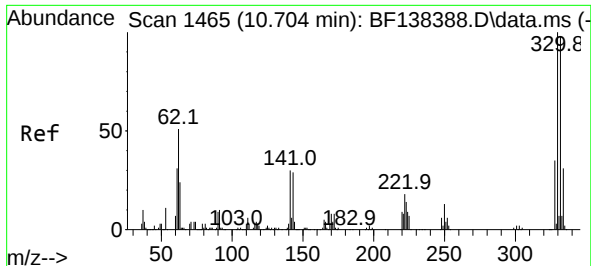
Ion Ratio Lower Upper

164 100

162 99.1 80.1 120.1

160 42.8 34.1 51.1

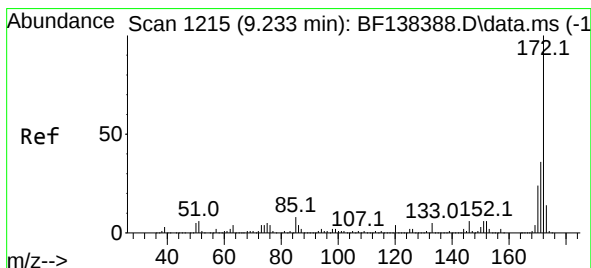
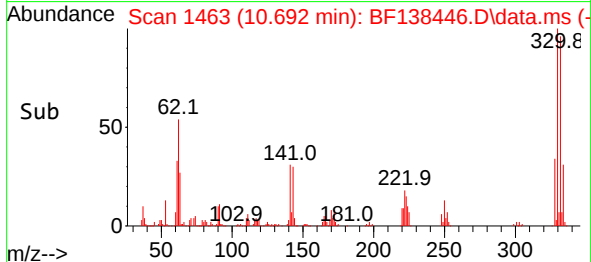
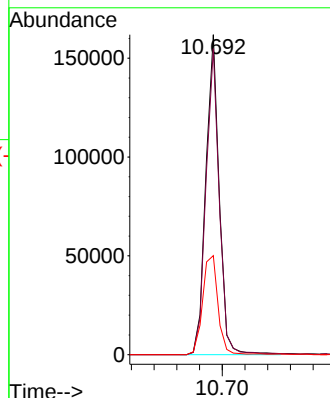
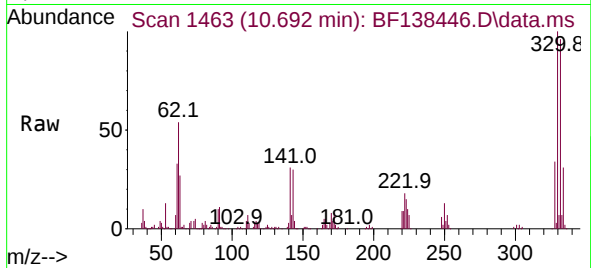




#42
2,4,6-Tribromophenol
Concen: 52.697 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

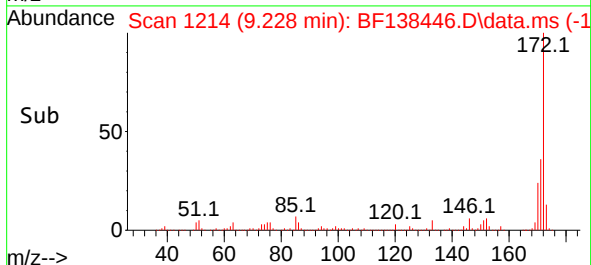
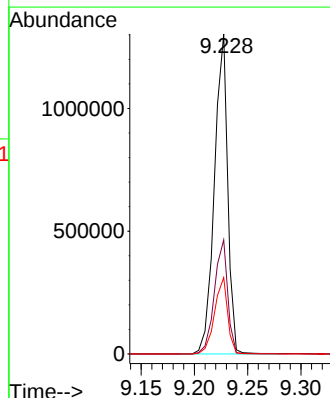
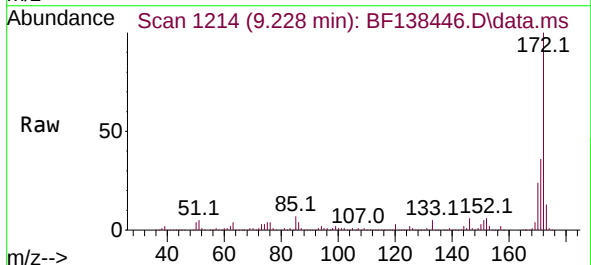
Instrument :
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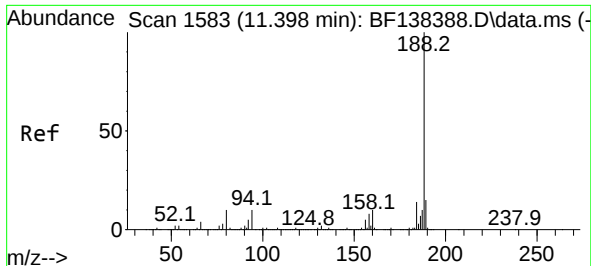
Tgt Ion:330 Resp: 132230
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 36.1 28.1 42.1



#45
2-Fluorobiphenyl
Concen: 58.523 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

Tgt Ion:172 Resp: 1129403
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 23.8 19.0 28.6

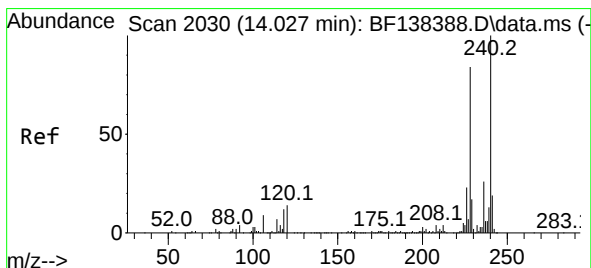
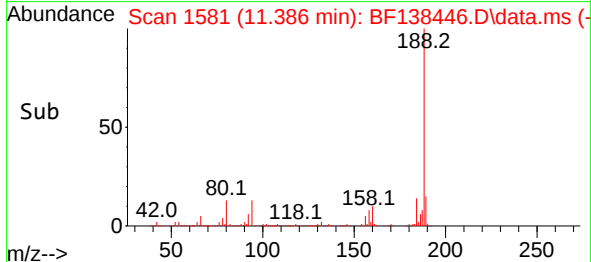
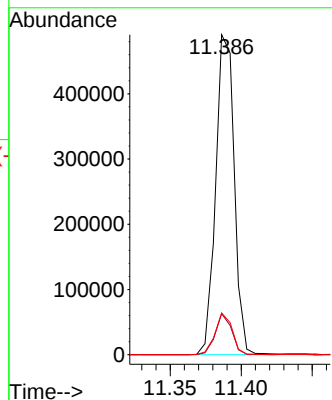
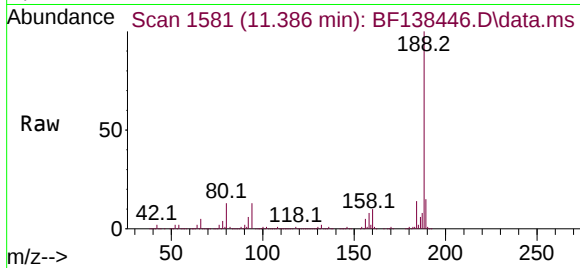




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

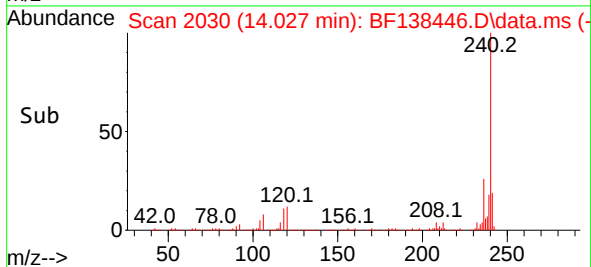
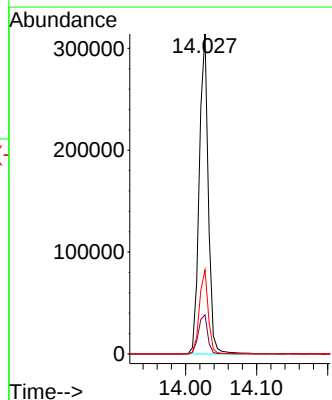
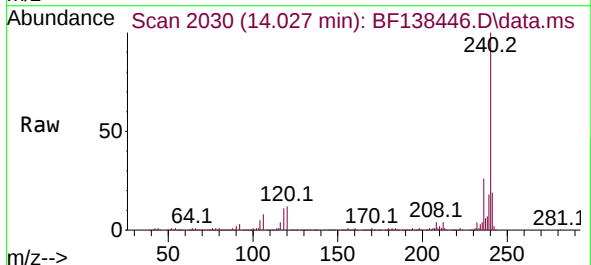
Instrument :
BNA_F
ClientSampleId :
327

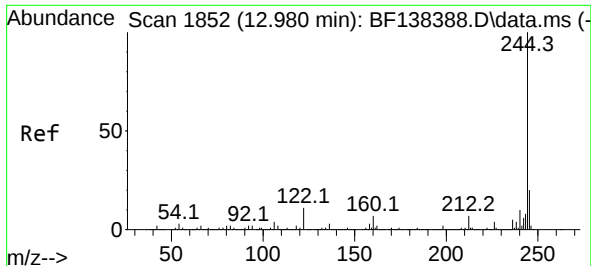
Tgt Ion:188 Resp: 445148
Ion Ratio Lower Upper
188 100
94 12.8 8.0 12.0#
80 13.1 8.2 12.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138446.D
Acq: 03 Jul 2024 15:13

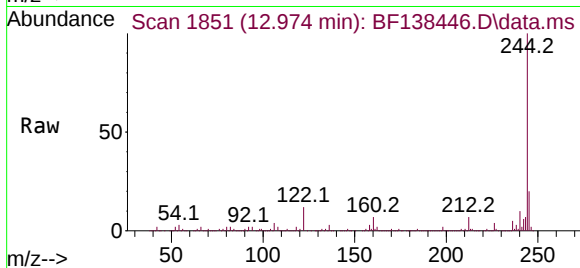
Tgt Ion:240 Resp: 278105
Ion Ratio Lower Upper
240 100
120 12.3 10.9 16.3
236 26.3 20.6 30.8



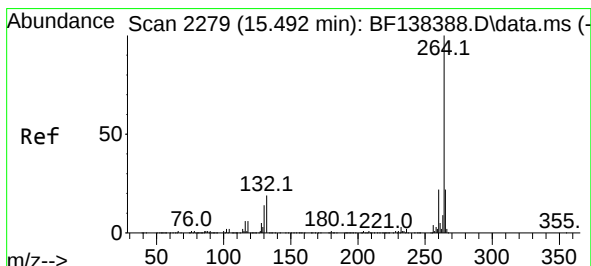
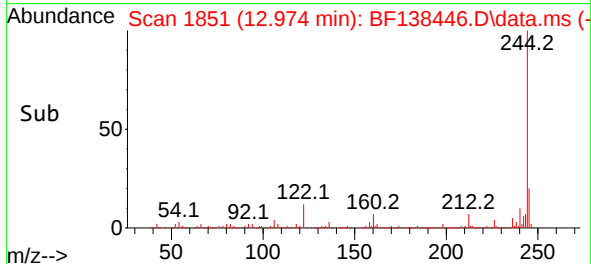
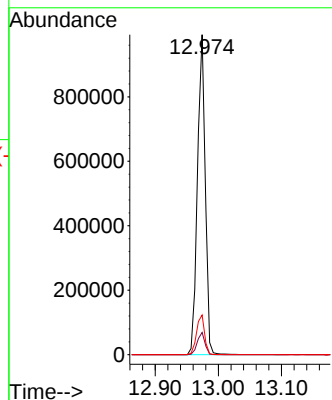


#79
 Terphenyl-d14
 Concen: 41.976 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138446.D
 Acq: 03 Jul 2024 15:13

Instrument :
 BNA_F
 ClientSampleId :
 327



Tgt Ion:244 Resp: 851827
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.000 min
 Lab File: BF138446.D
 Acq: 03 Jul 2024 15:13

Tgt Ion:264 Resp: 246653
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.8 26.6
 265 22.4 17.5 26.3

