

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138443.D
 Acq On : 03 Jul 2024 13:46
 Operator : CG\JU
 Sample : P3141-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-129-SB02

Quant Time: Jul 03 14:25:17 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	153918	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	579736	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	285842	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	401581	20.000	ng	#-0.01
76) Chrysene-d12	14.027	240	277184	20.000	ng	0.00
86) Perylene-d12	15.492	264	252473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	908656	97.877	ng	0.00
7) Phenol-d6	6.504	99	1174144	93.887	ng	-0.01
23) Nitrobenzene-d5	7.434	82	739299	66.245	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	203408	87.099	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1170605	65.175	ng	0.00
79) Terphenyl-d14	12.974	244	830980	41.084	ng	0.00

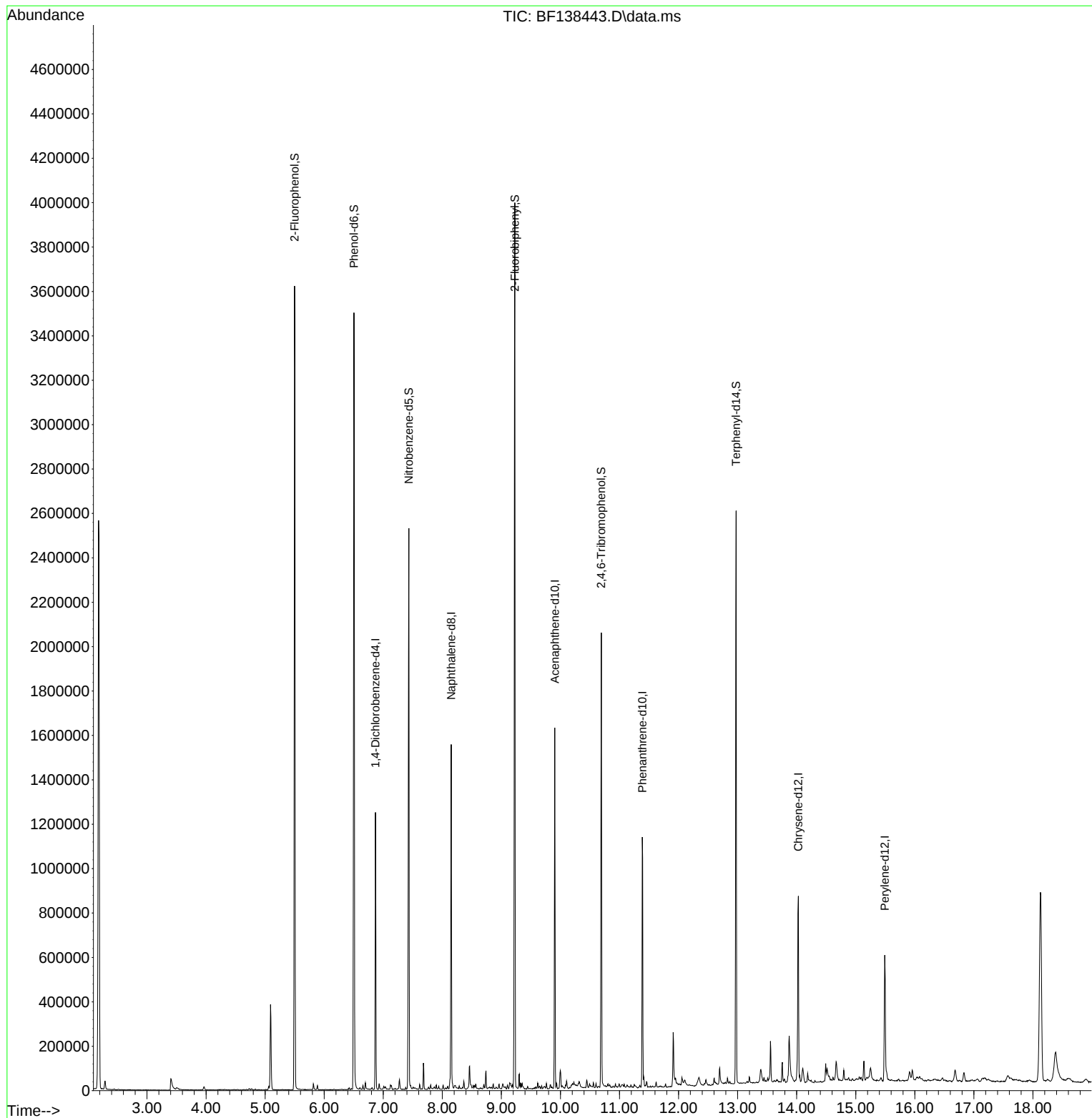
Target Compounds	Qvalue

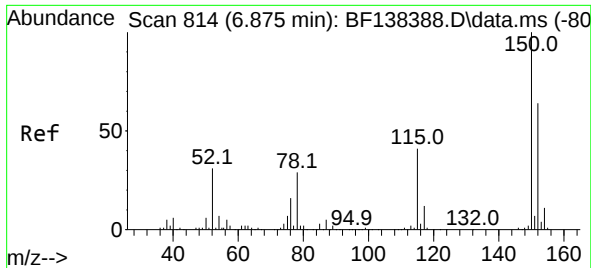
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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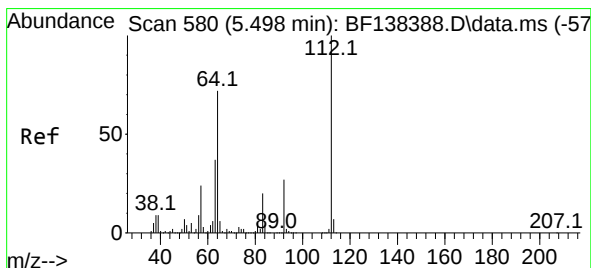
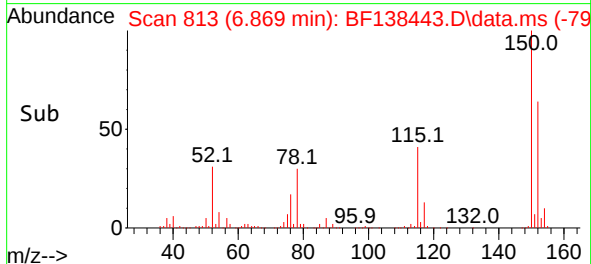
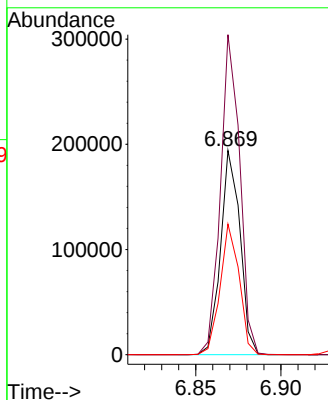
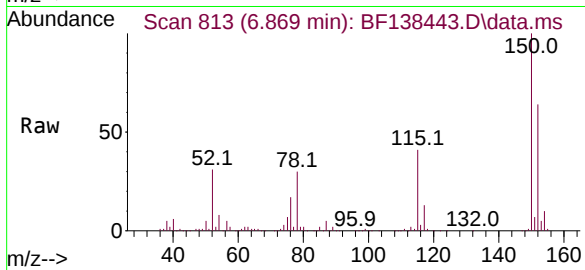




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

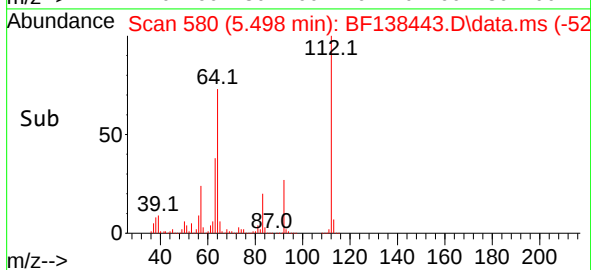
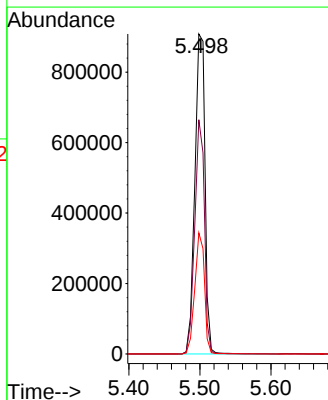
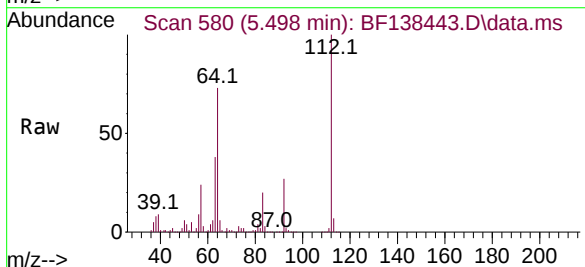
Instrument :
BNA_F
ClientSampleId :
B-129-SB02

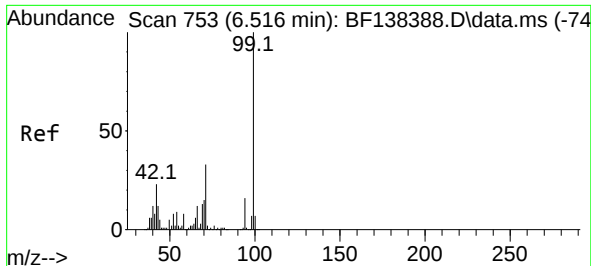
Tgt Ion:152 Resp: 153918
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 64.0 50.8 76.2



#5
2-Fluorophenol
Concen: 97.877 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion:112 Resp: 908656
Ion Ratio Lower Upper
112 100
64 73.2 57.2 85.8
63 37.8 29.4 44.0

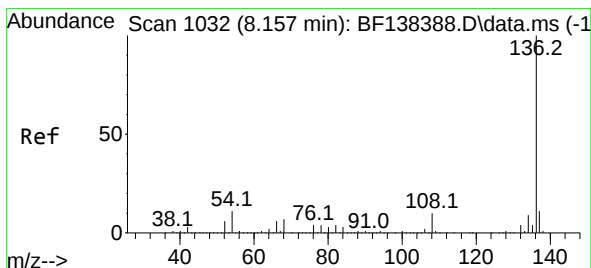
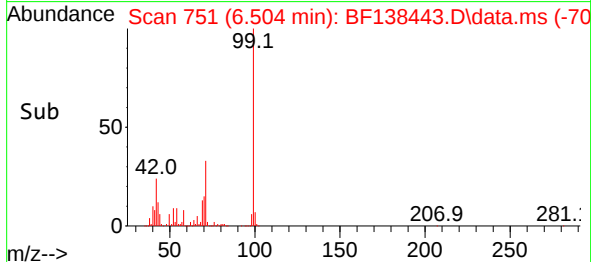
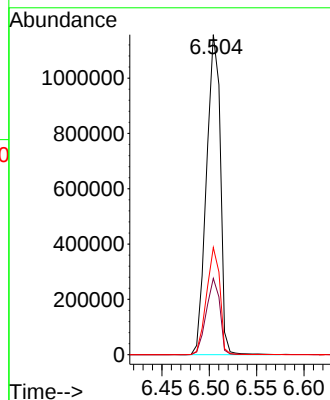
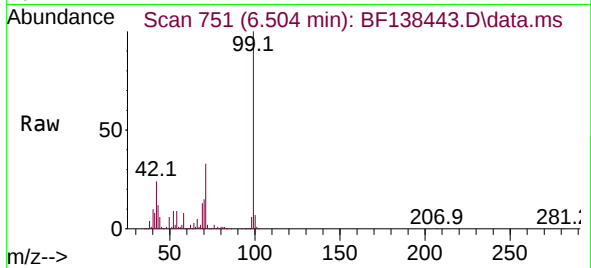




#7
Phenol-d6
Concen: 93.887 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

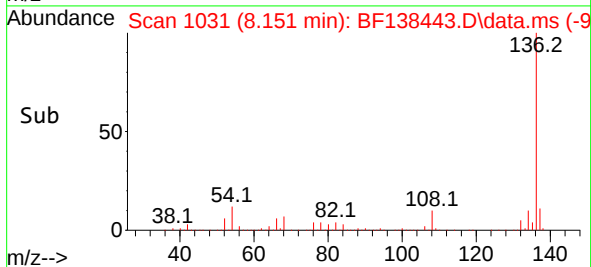
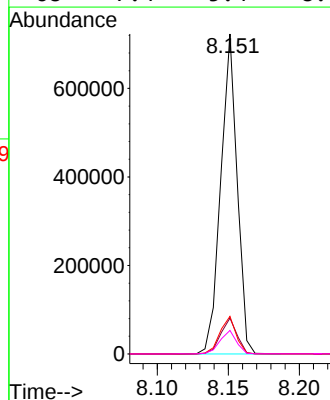
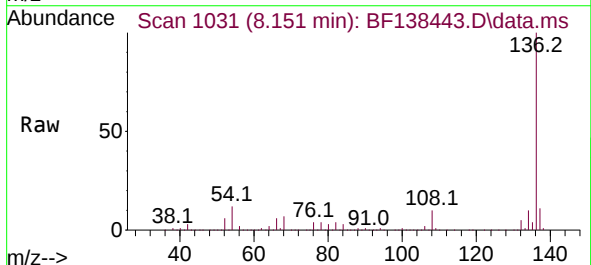
Instrument :
BNA_F
ClientSampleId :
B-129-SB02

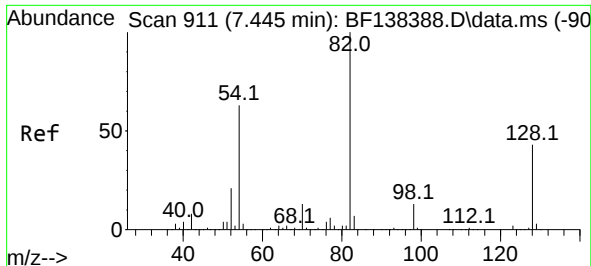
Tgt Ion: 99 Resp: 1174144
Ion Ratio Lower Upper
99 100
42 23.8 18.5 27.7
71 33.5 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion: 136 Resp: 579736
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.8 9.0 13.4
68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 66.245 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138443.D

Acq: 03 Jul 2024 13:46

Instrument :

BNA_F

ClientSampleId :

B-129-SB02

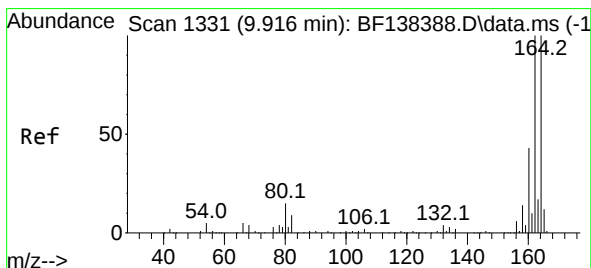
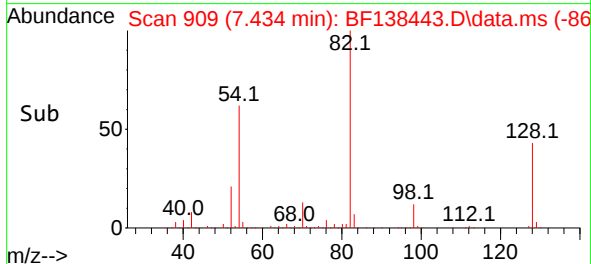
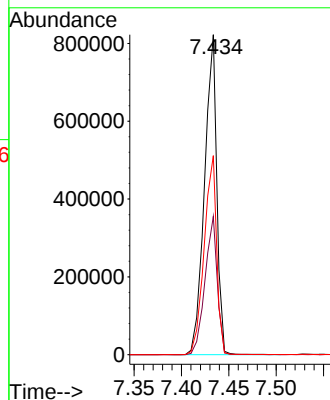
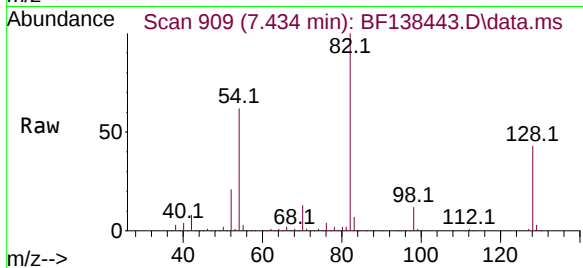
Tgt Ion: 82 Resp: 739299

Ion Ratio Lower Upper

82 100

128 43.2 34.6 52.0

54 62.2 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: BF138443.D

Acq: 03 Jul 2024 13:46

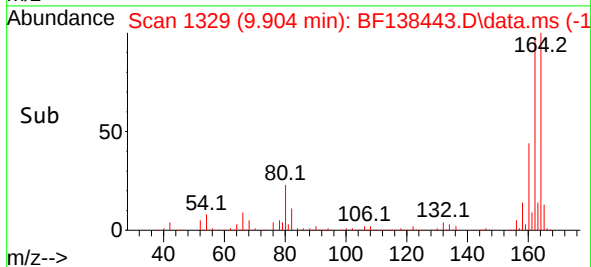
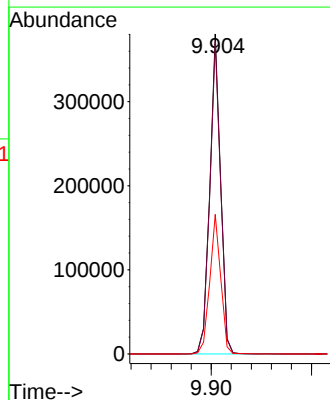
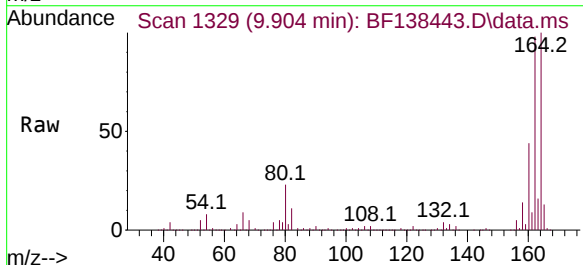
Tgt Ion:164 Resp: 285842

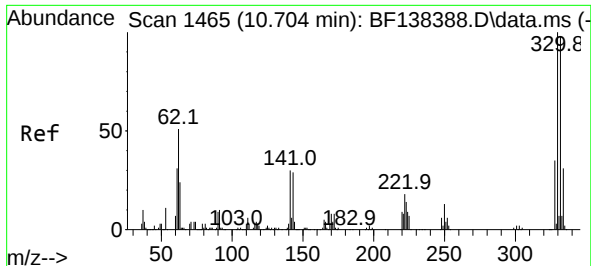
Ion Ratio Lower Upper

164 100

162 97.6 80.1 120.1

160 43.6 34.1 51.1

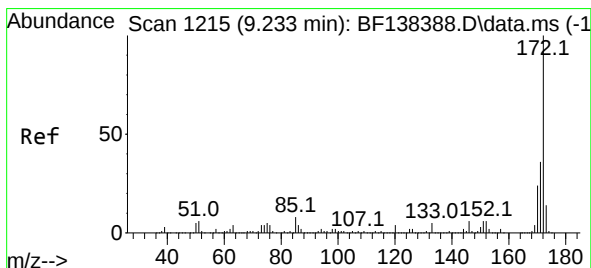
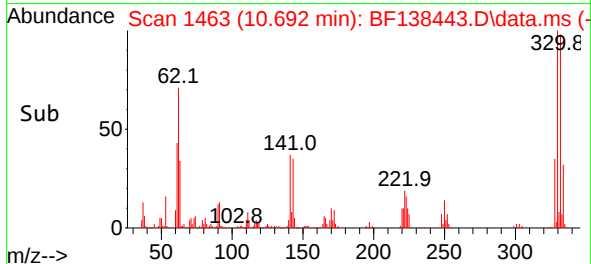
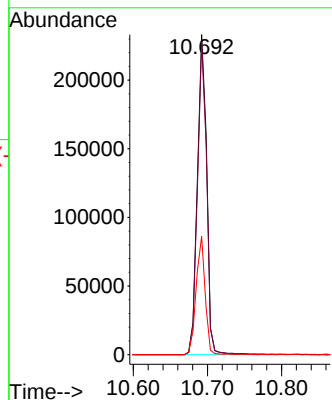
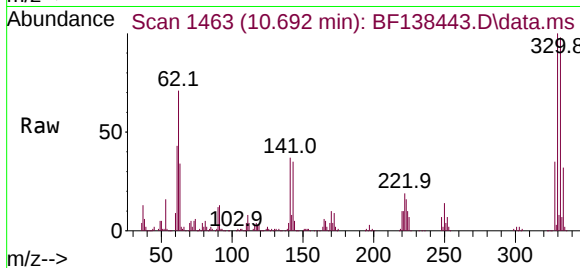




#42
 2,4,6-Tribromophenol
 Concen: 87.099 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. -0.012 min
 Lab File: BF138443.D
 Acq: 03 Jul 2024 13:46

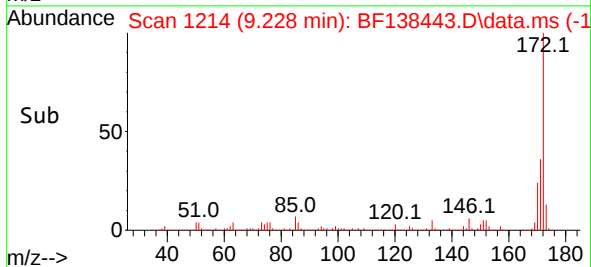
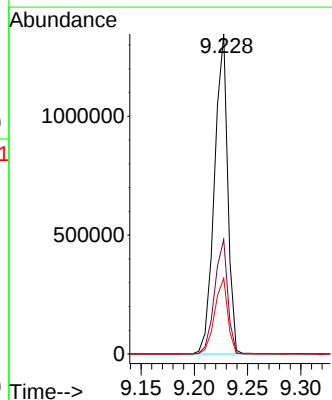
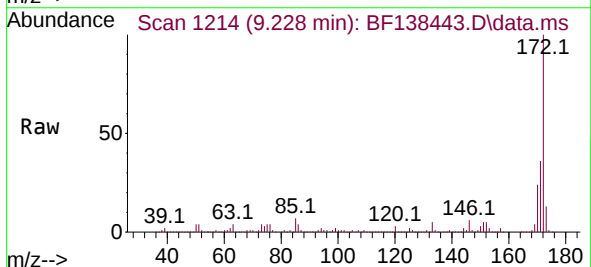
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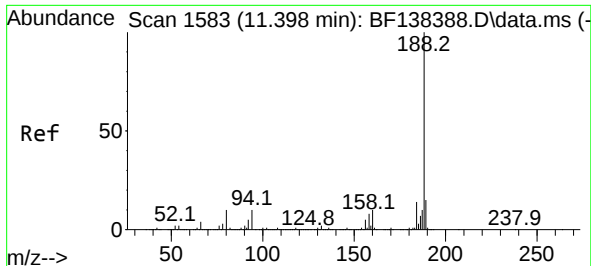
Tgt Ion: 330 Resp: 203408
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 35.7 28.1 42.1



#45
 2-Fluorobiphenyl
 Concen: 65.175 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.005 min
 Lab File: BF138443.D
 Acq: 03 Jul 2024 13:46

Tgt Ion: 172 Resp: 1170605
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.4
 170 23.7 19.0 28.6

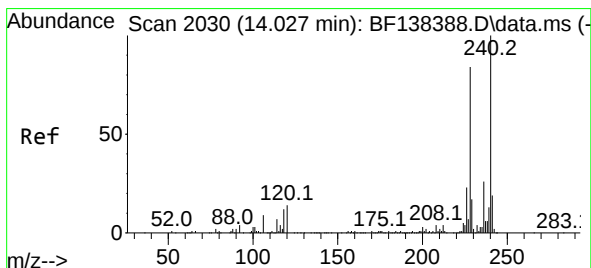
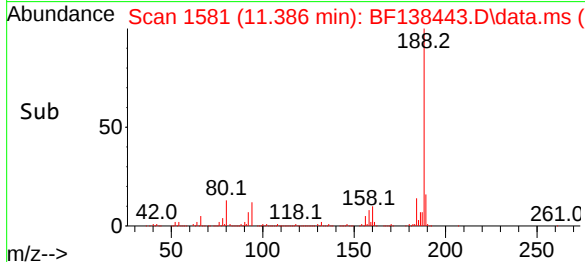
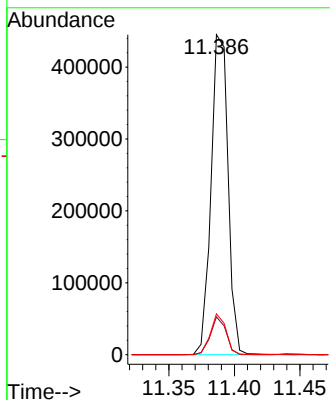
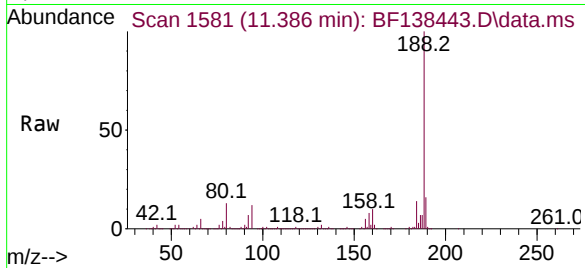




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

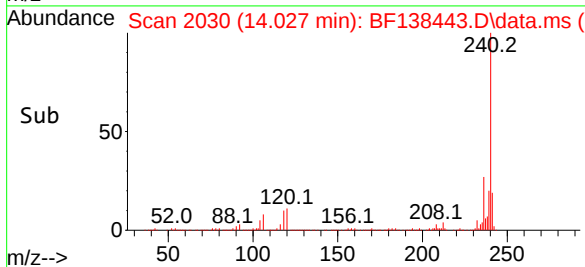
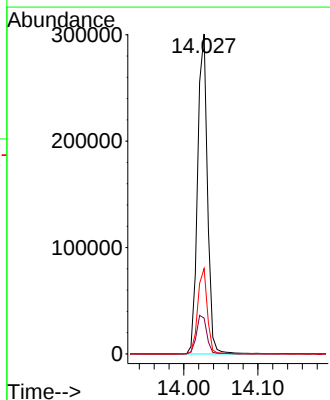
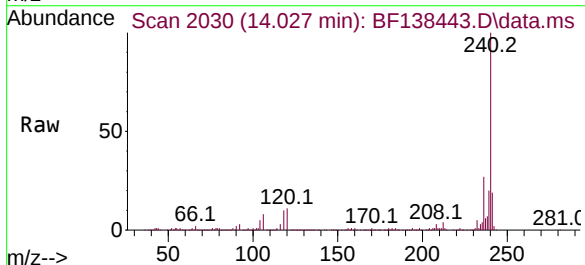
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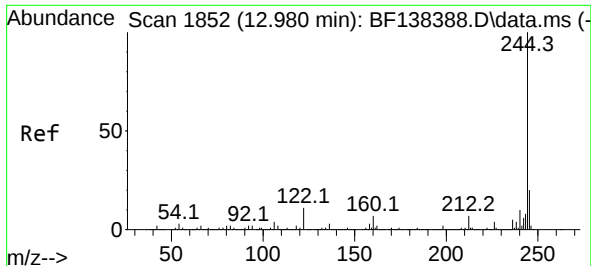
Tgt Ion:188 Resp: 401581
Ion Ratio Lower Upper
188 100
94 11.8 8.0 12.0
80 12.7 8.2 12.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138443.D
Acq: 03 Jul 2024 13:46

Tgt Ion:240 Resp: 277184
Ion Ratio Lower Upper
240 100
120 11.2 10.9 16.3
236 26.7 20.6 30.8

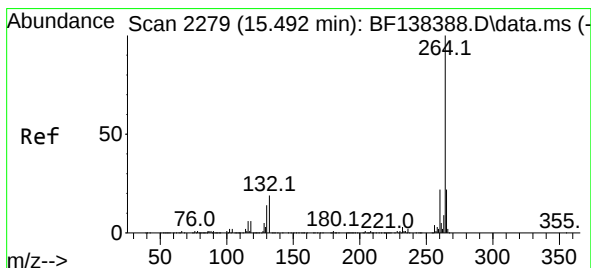
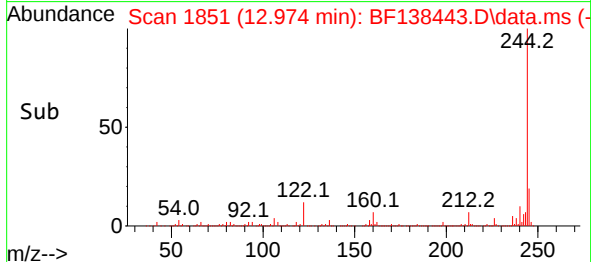
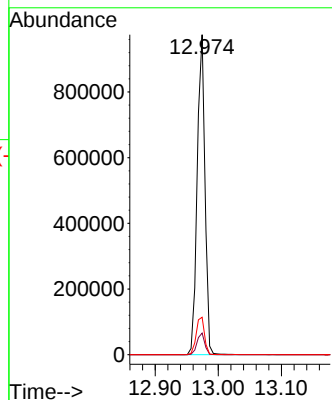
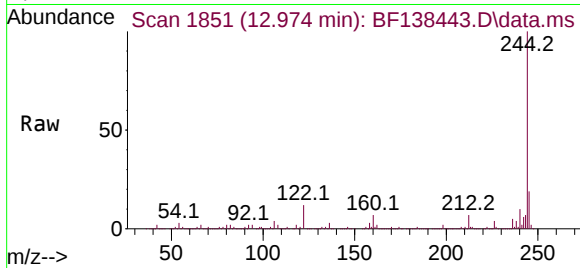




#79
 Terphenyl-d14
 Concen: 41.084 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138443.D
 Acq: 03 Jul 2024 13:46

Instrument :
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 ClientSampleId :
 B-129-SB02

Tgt Ion:244 Resp: 830980
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.7 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: BF138443.D
 Acq: 03 Jul 2024 13:46

Tgt Ion:264 Resp: 252473
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.8 26.6
 265 21.3 17.5 26.3

