

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020623\
 Data File : BF132339.D
 Acq On : 06 Feb 2023 15:48
 Operator : CG\JU
 Sample : 01440-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Feb 07 04:08:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:05:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	181974	20.000	ng	0.00
21) Naphthalene-d8	8.336	136	700433	20.000	ng	0.00
39) Acenaphthene-d10	10.101	164	366457	20.000	ng	0.00
64) Phenanthrene-d10	11.601	188	660617	20.000	ng	0.00
76) Chrysene-d12	14.260	240	359205	20.000	ng	0.00
86) Perylene-d12	15.836	264	334393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	696273	61.503	ng	0.00
7) Phenol-d6	6.660	99	541735	38.814	ng	-0.01
23) Nitrobenzene-d5	7.613	82	1009094	80.169	ng	0.00
42) 2,4,6-Tribromophenol	10.895	330	567027	150.465	ng	0.00
45) 2-Fluorobiphenyl	9.419	172	1904904	80.273	ng	0.00
79) Terphenyl-d14	13.195	244	2063804	111.141	ng	0.00

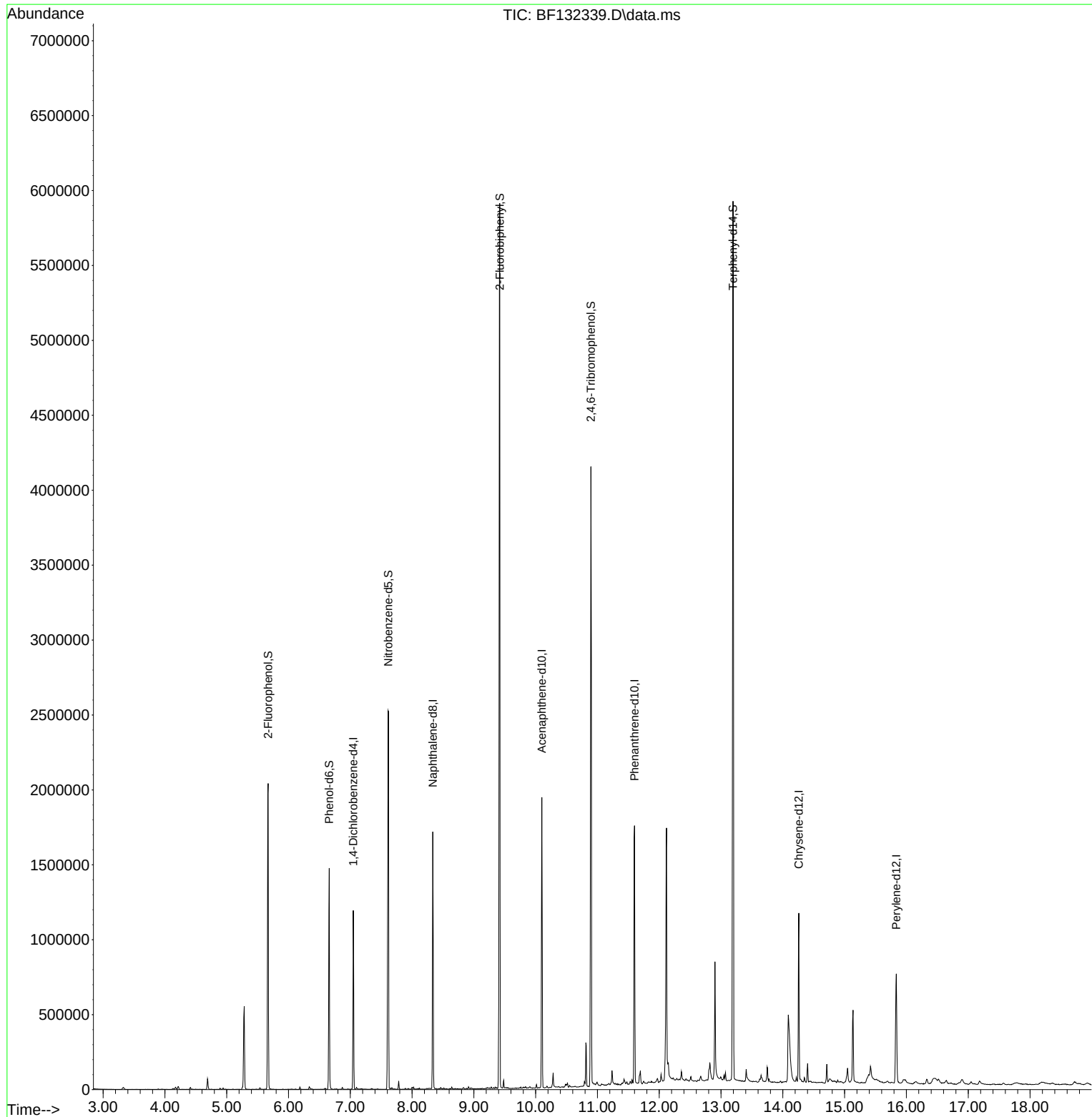
Target Compounds	Qvalue

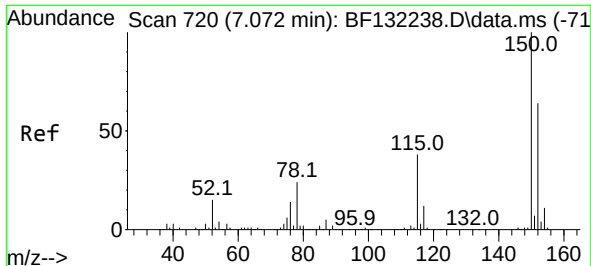
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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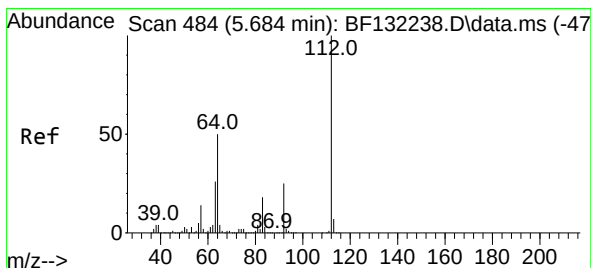
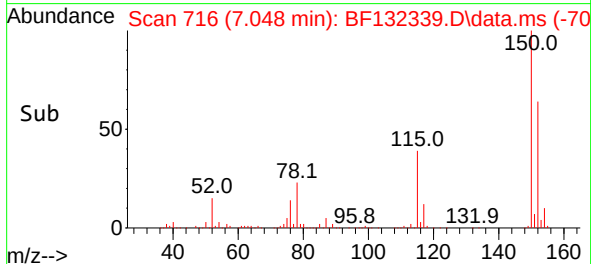
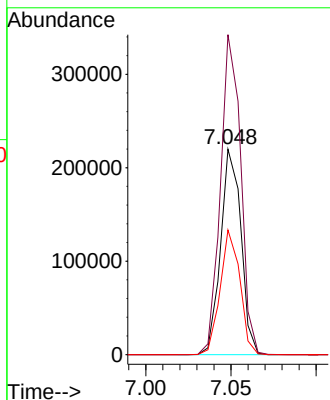
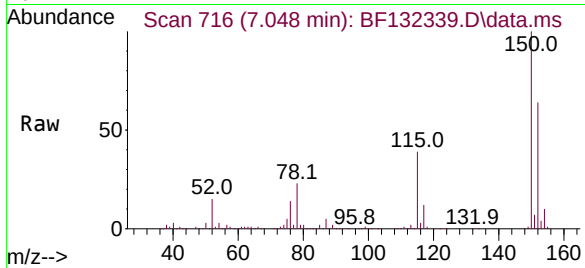




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

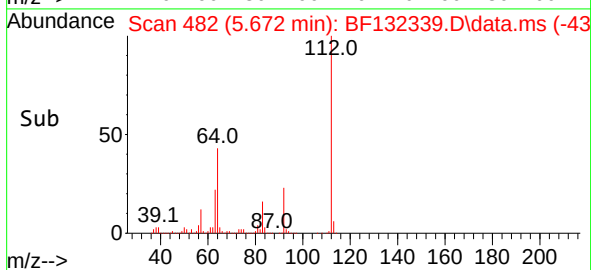
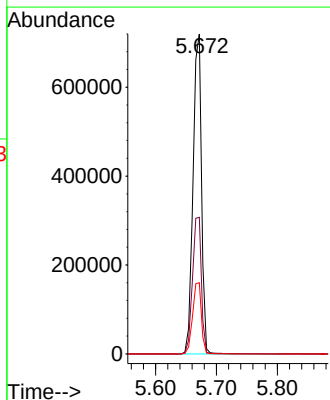
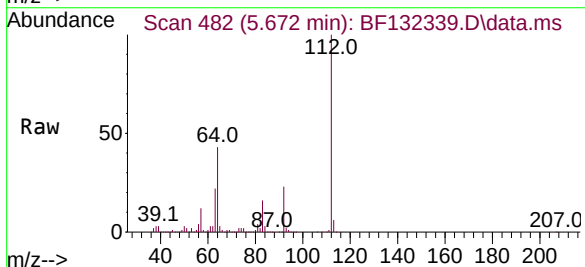
Instrument :
 BNA_F
 ClientSampleId :
 MH-1

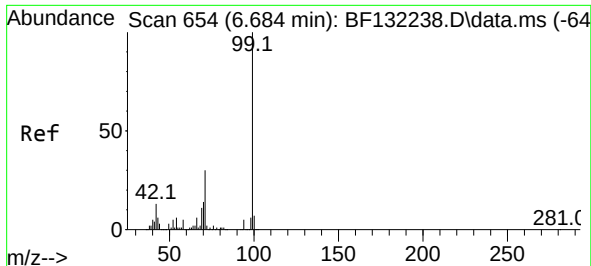
Tgt Ion:152 Resp: 181974
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.2 186.2
 115 60.6 47.3 70.9



#5
 2-Fluorophenol
 Concen: 61.503 ng
 RT: 5.672 min Scan# 482
 Delta R.T. 0.006 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

Tgt Ion:112 Resp: 696273
 Ion Ratio Lower Upper
 112 100
 64 42.7 40.0 60.0
 63 22.2 20.5 30.7

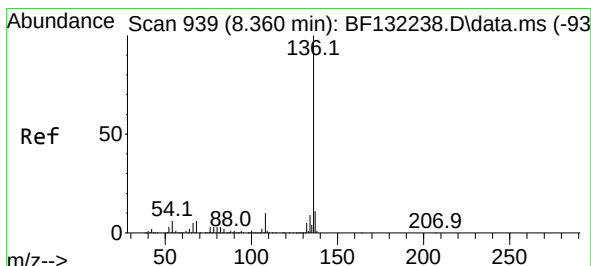
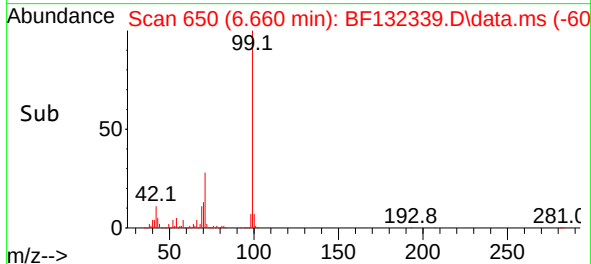
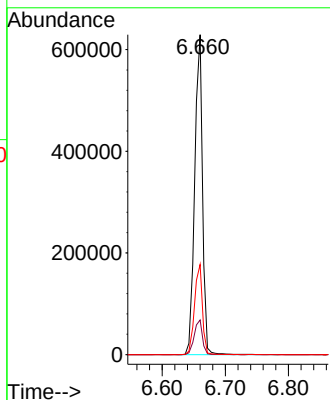
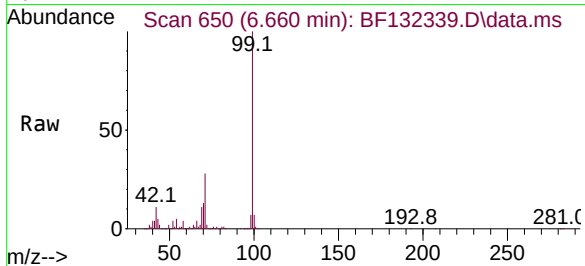




#7
Phenol-d6
Concen: 38.814 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

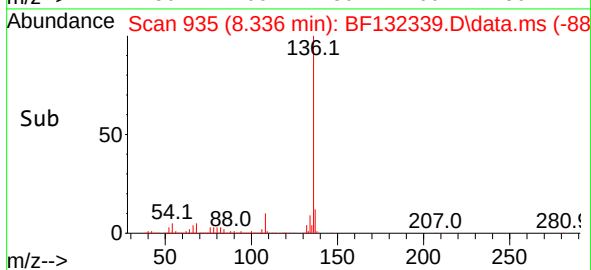
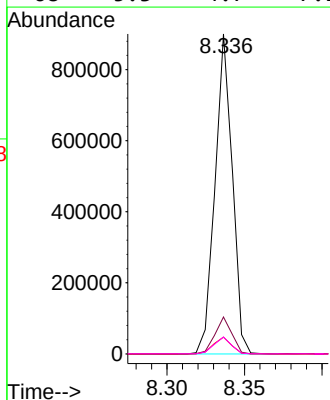
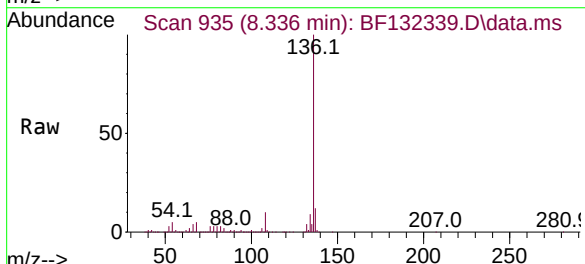
Instrument :
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ClientSampleId :
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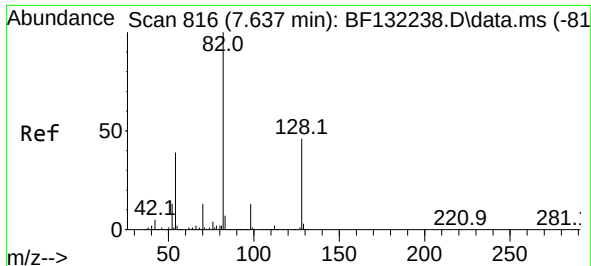
Tgt Ion: 99 Resp: 541735
Ion Ratio Lower Upper
99 100
42 10.8 10.1 15.1
71 28.2 24.2 36.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.336 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion: 136 Resp: 700433
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 5.2 4.9 7.3
68 5.3 4.7 7.1

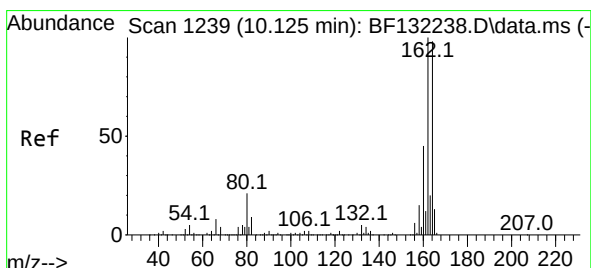
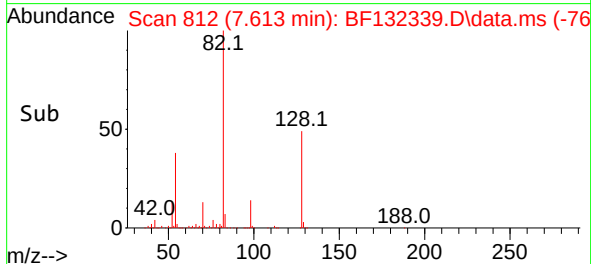
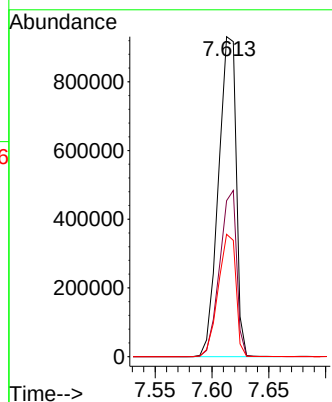
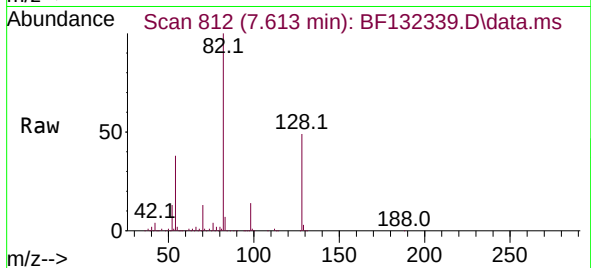




#23
Nitrobenzene-d5
Concen: 80.169 ng
RT: 7.613 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

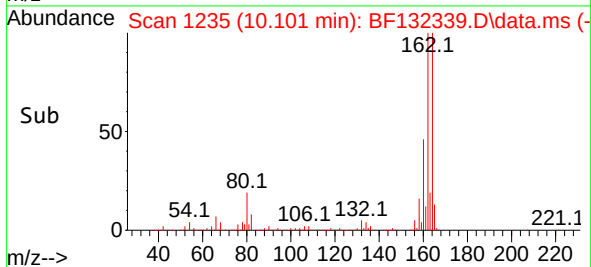
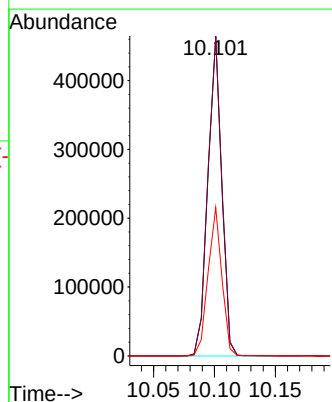
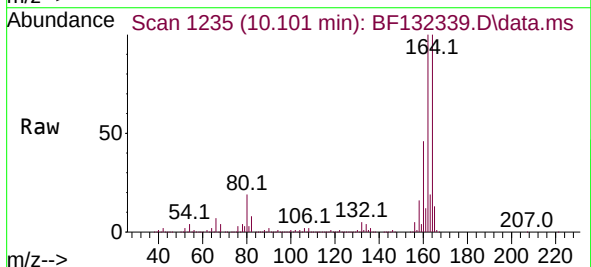
Instrument :
BNA_F
ClientSampleId :
MH-1

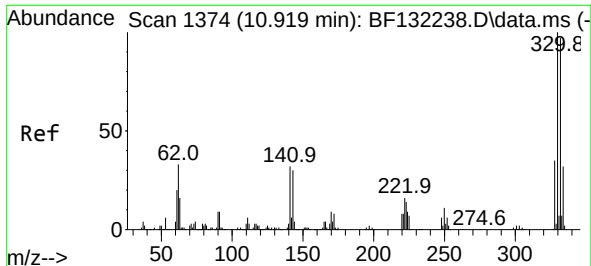
Tgt Ion: 82 Resp: 1009094
Ion Ratio Lower Upper
82 100
128 48.7 37.0 55.4
54 38.2 31.5 47.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion: 164 Resp: 366457
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 46.5 37.1 55.7

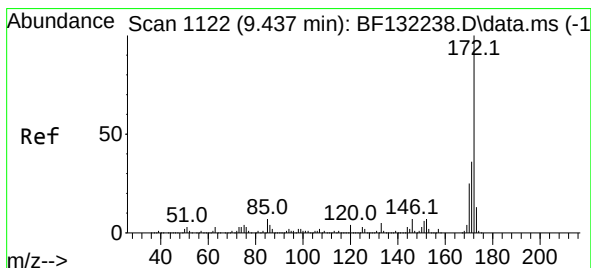
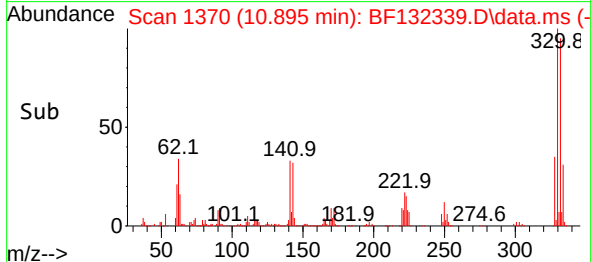
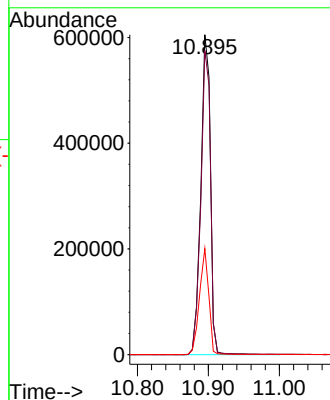
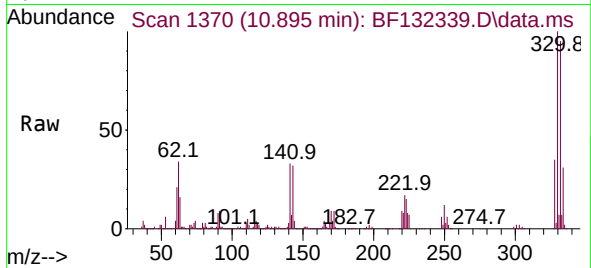




#42
 2,4,6-Tribromophenol
 Concen: 150.465 ng
 RT: 10.895 min Scan# 1119
 Delta R.T. -0.006 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

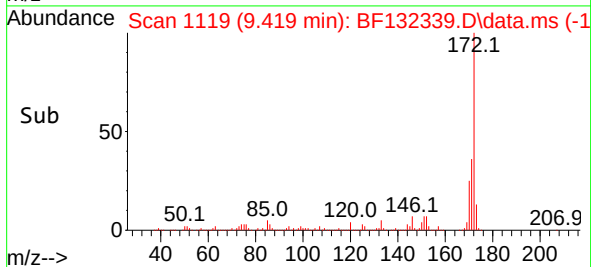
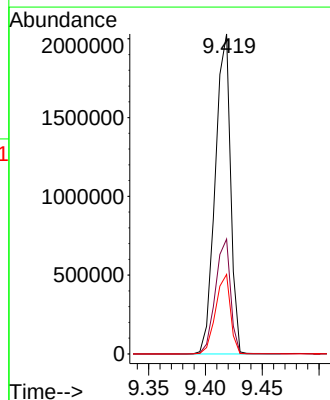
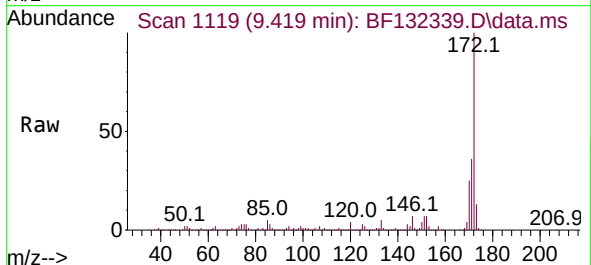
Instrument :
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 ClientSampleId :
 MH-1

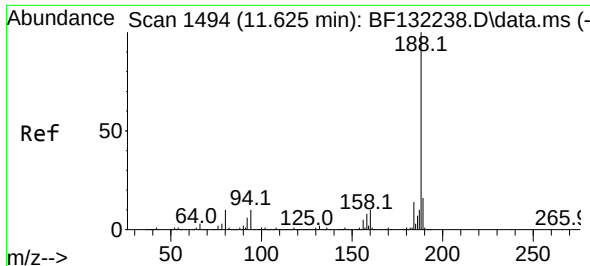
Tgt Ion:330 Resp: 567027
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.9 116.9
 141 32.3 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 80.273 ng
 RT: 9.419 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

Tgt Ion:172 Resp: 1904904
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.8 19.7 29.5

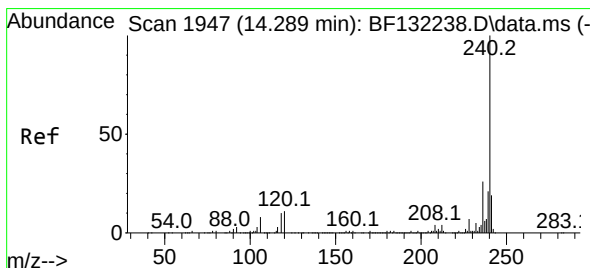
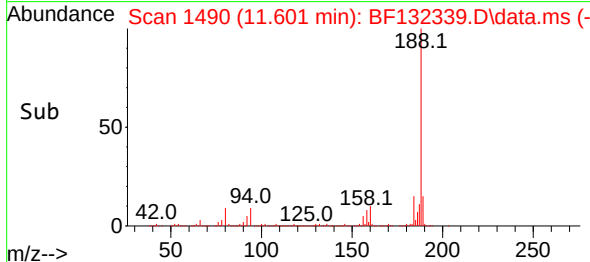
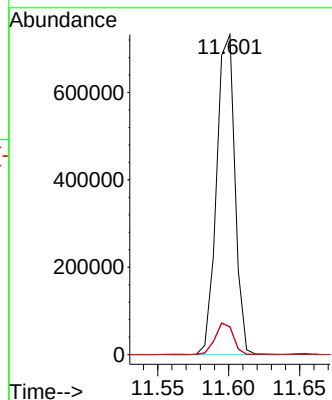
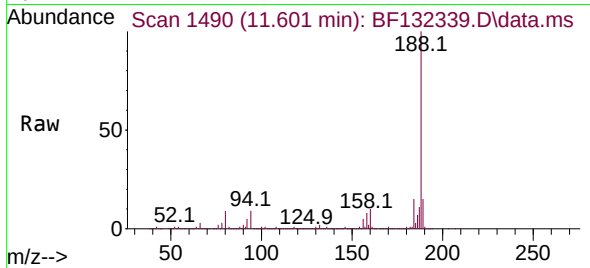




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.601 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

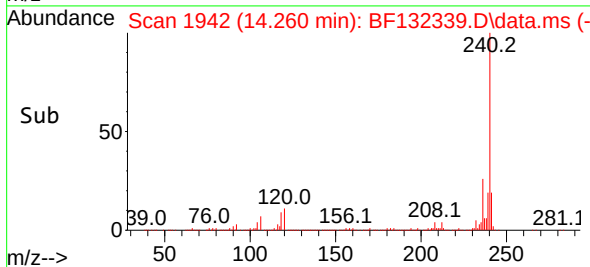
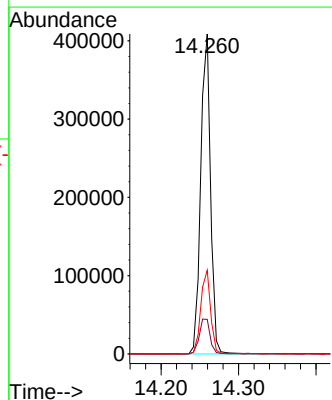
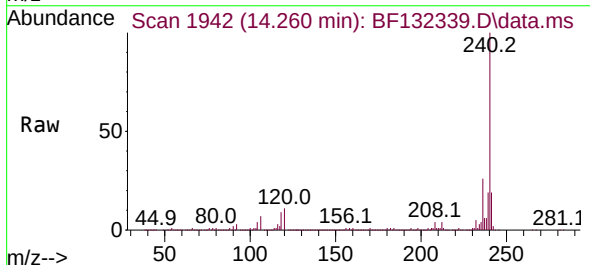
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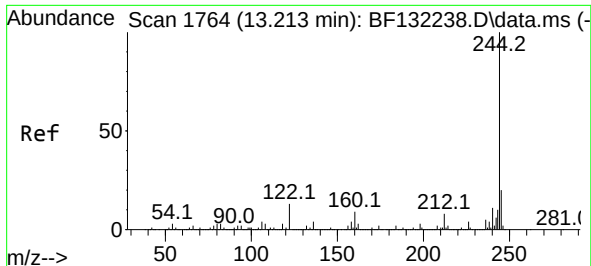
Tgt Ion:188 Resp: 660617
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 8.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BF132339.D
Acq: 06 Feb 2023 15:48

Tgt Ion:240 Resp: 359205
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.2 21.0 31.6

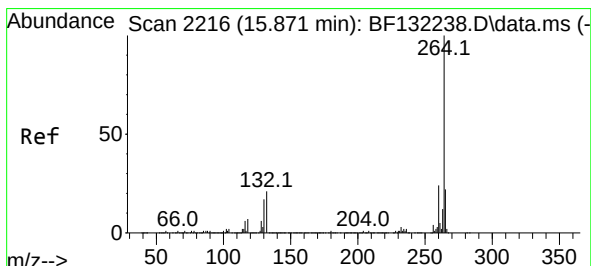
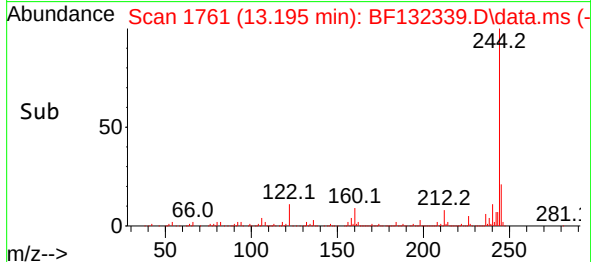
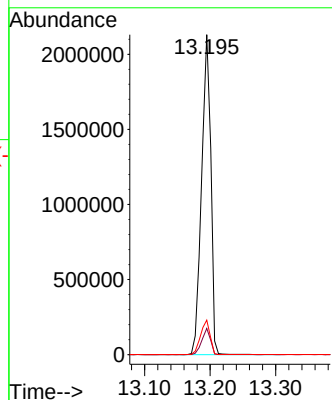
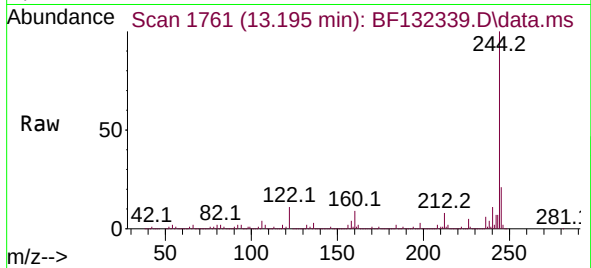




#79
 Terphenyl-d14
 Concen: 111.141 ng
 RT: 13.195 min Scan# 1761
 Delta R.T. -0.000 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Tgt Ion:244 Resp: 2063804
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.4 9.6
 122 10.8 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.836 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: BF132339.D
 Acq: 06 Feb 2023 15:48

Tgt Ion:264 Resp: 334393
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 22.2 17.4 26.2

