

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140673.D
 Acq On : 27 Nov 2024 16:40
 Operator : RC/JU
 Sample : P5000-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-745

Quant Time: Nov 28 00:11:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67366	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	259228	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	148012	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	295851	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	169558	20.000	ng	0.00
86) Perylene-d12	15.539	264	127142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	563609	142.748	ng	0.00
7) Phenol-d6	6.510	99	712137	136.432	ng	0.00
23) Nitrobenzene-d5	7.434	82	468335	92.411	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	259528	163.947	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	946176	95.246	ng	-0.01
79) Terphenyl-d14	12.980	244	1129722	103.748	ng	-0.01

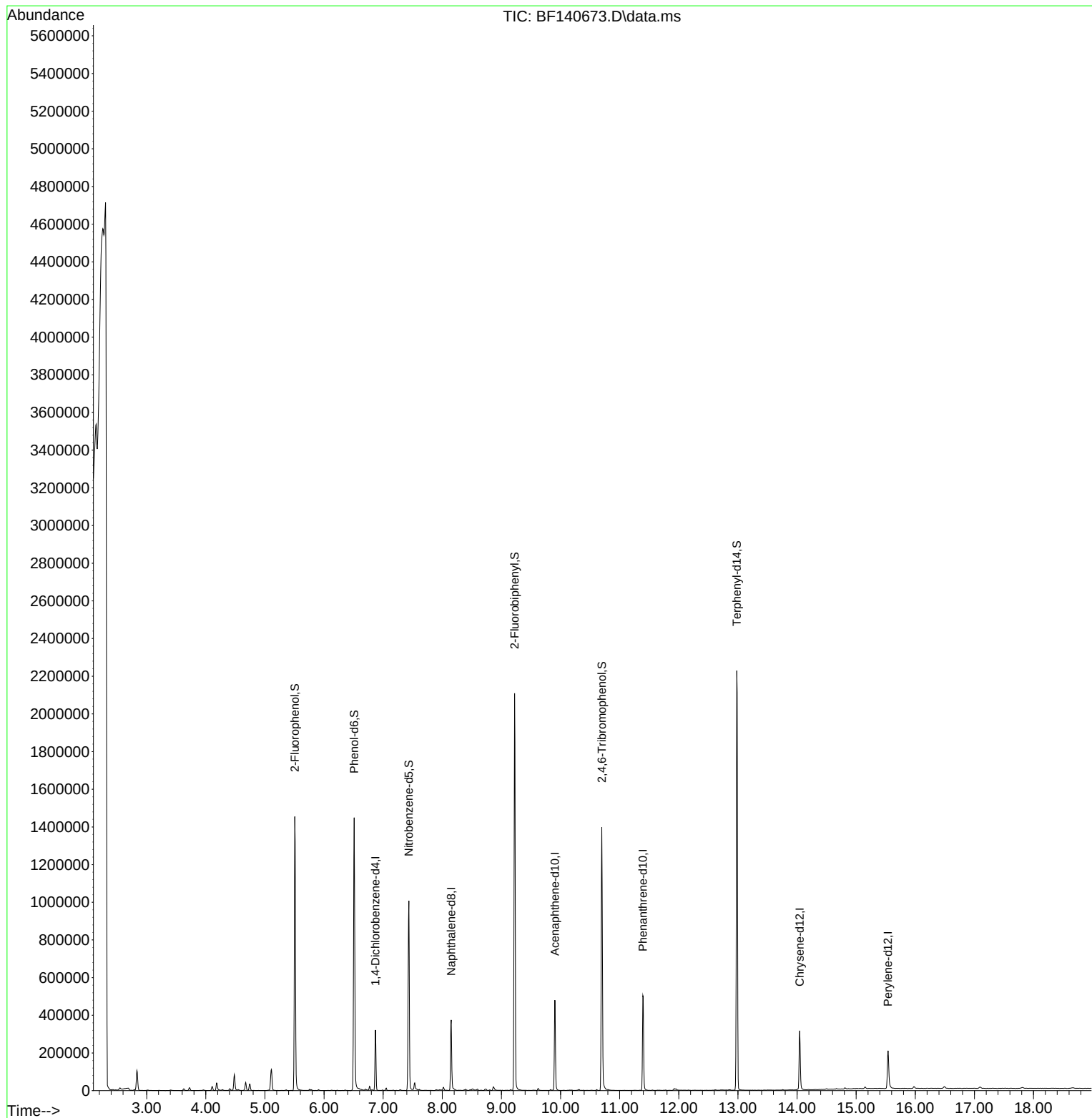
Target Compounds	Qvalue

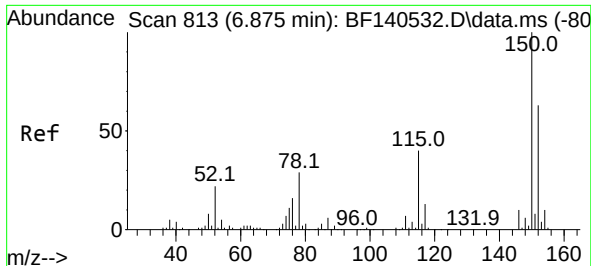
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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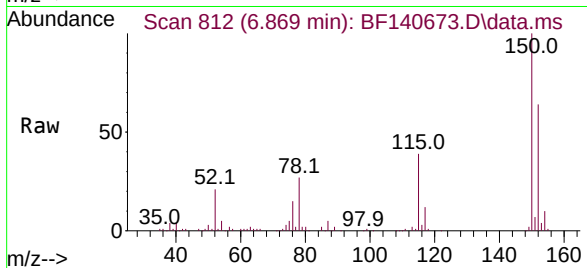
Quant Time: Nov 28 00:11:17 2024
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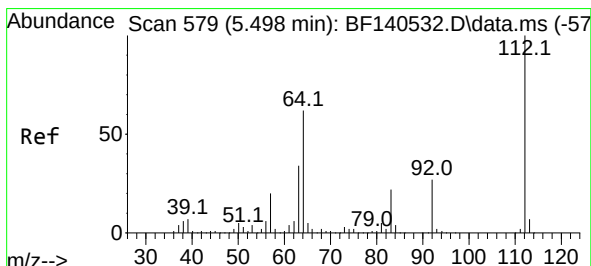
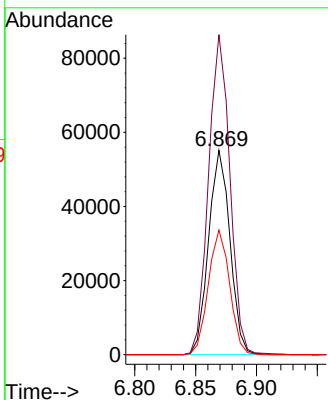
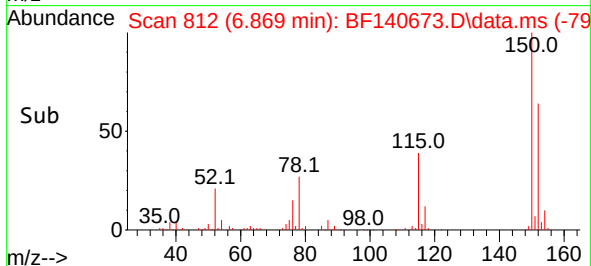


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

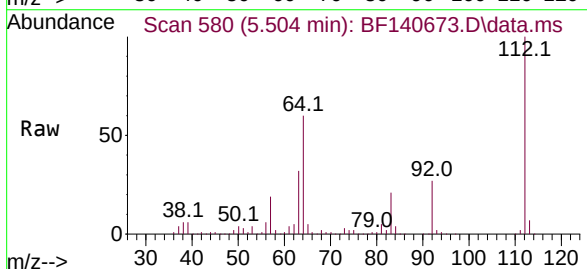
Instrument :
BNA_F
ClientSampleId :
MH-745



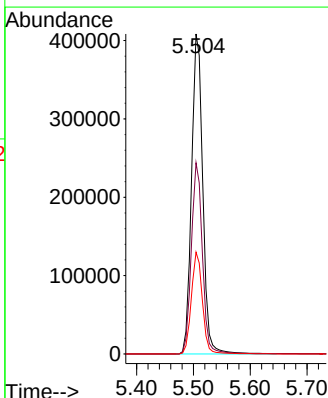
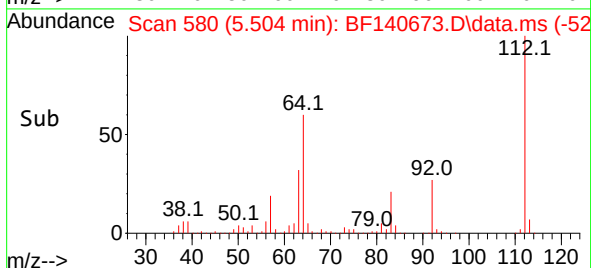
Tgt Ion:152 Resp: 67366
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 61.0 50.2 75.4

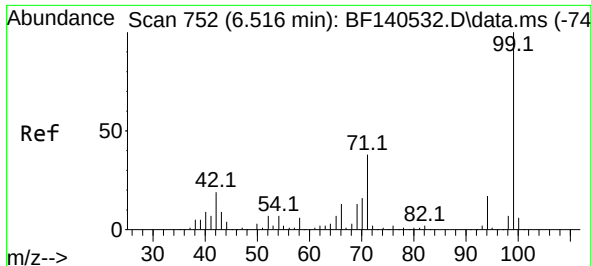


#5
2-Fluorophenol
Concen: 142.748 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40



Tgt Ion:112 Resp: 563609
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.8 27.0 40.4

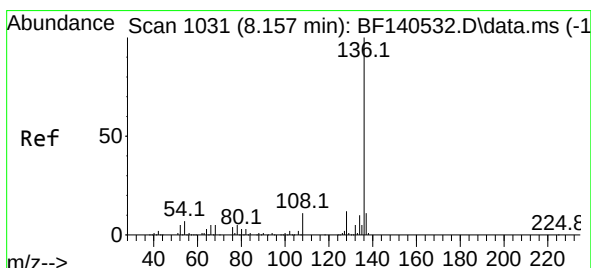
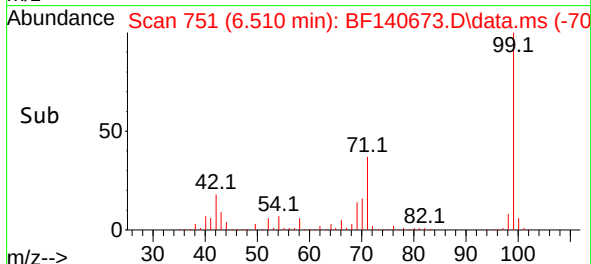
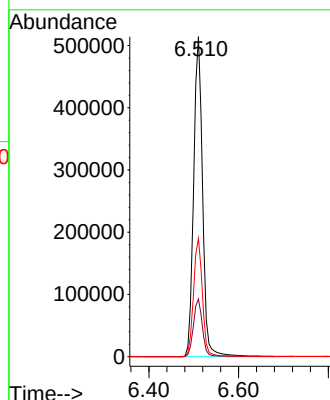
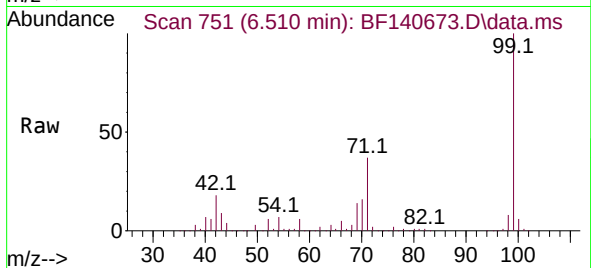




#7
Phenol-d6
Concen: 136.432 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

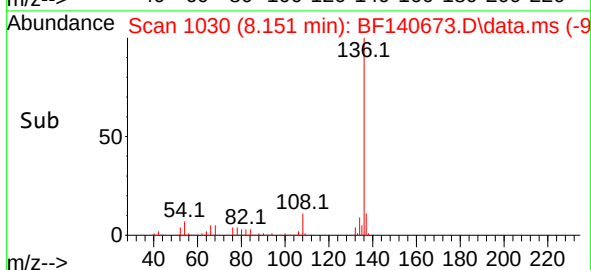
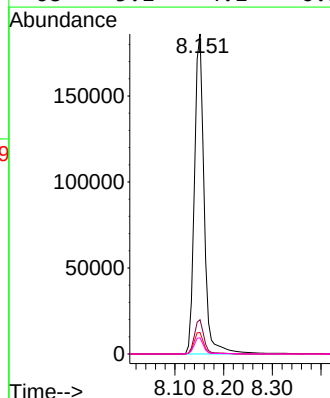
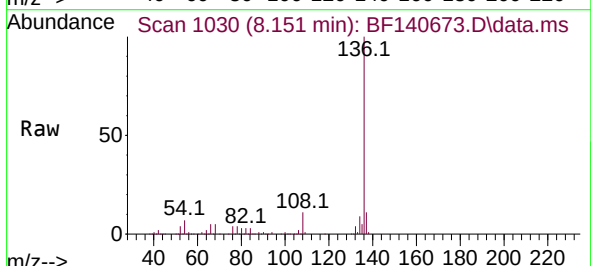
Instrument :
BNA_F
ClientSampleId :
MH-745

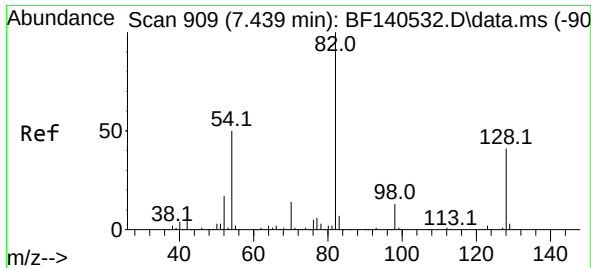
Tgt Ion: 99 Resp: 712137
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion: 136 Resp: 259228
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.7 5.8 8.8
68 5.1 4.1 6.1

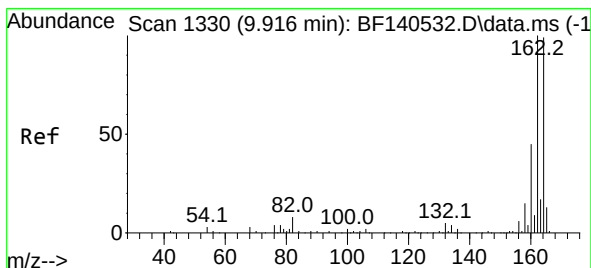
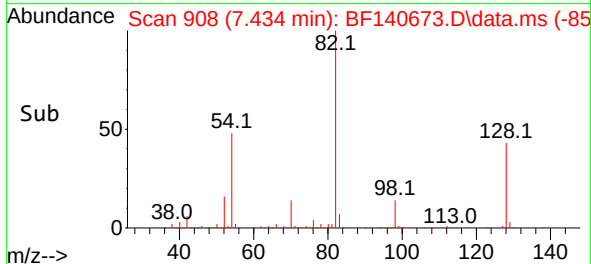
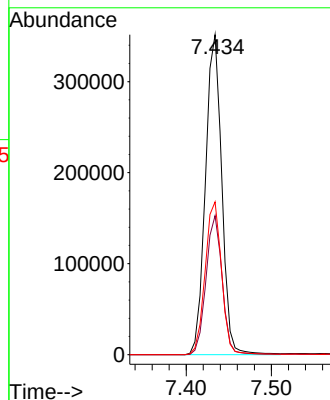
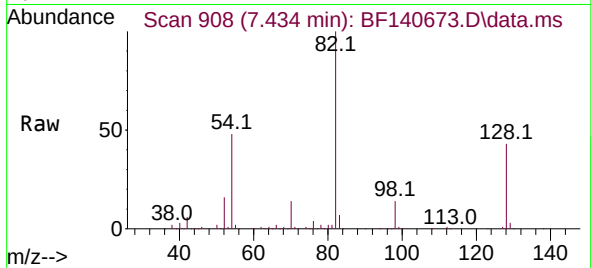




#23
Nitrobenzene-d5
Concen: 92.411 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

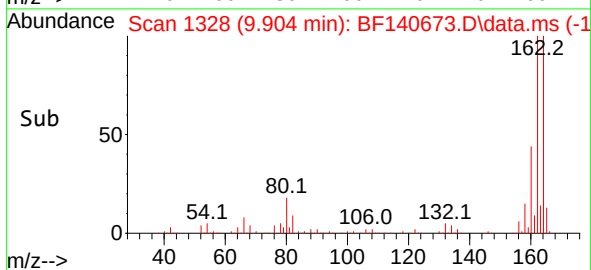
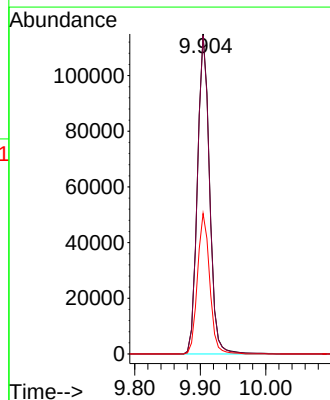
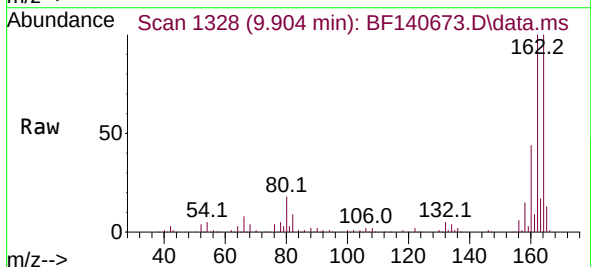
Instrument :
BNA_F
ClientSampleId :
MH-745

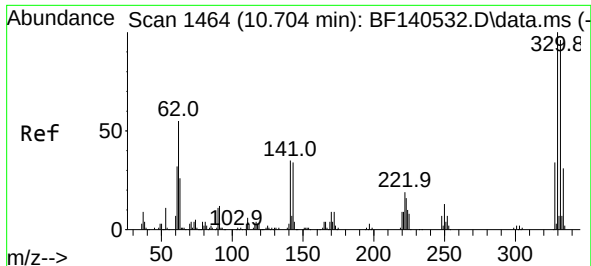
Tgt Ion: 82 Resp: 468335
Ion Ratio Lower Upper
82 100
128 43.4 33.0 49.4
54 47.7 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:164 Resp: 148012
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 43.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 163.947 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

MH-745

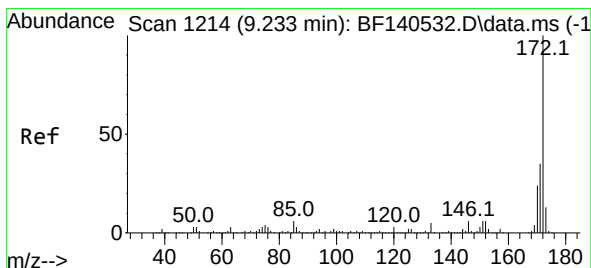
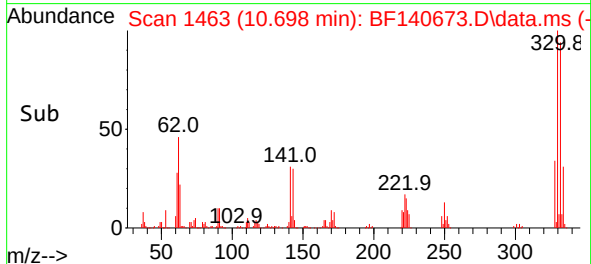
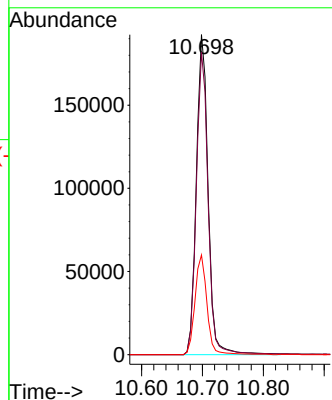
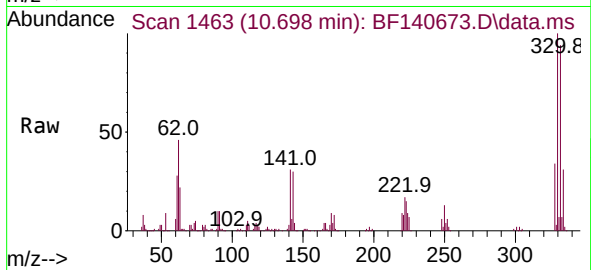
Tgt Ion:330 Resp: 259528

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

141 31.6 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 95.246 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

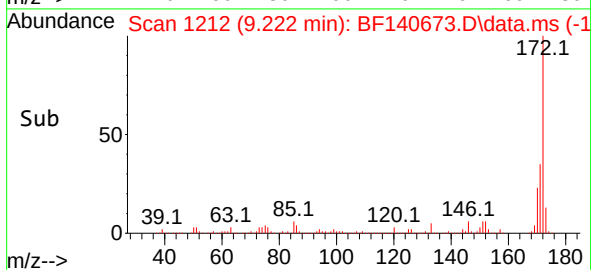
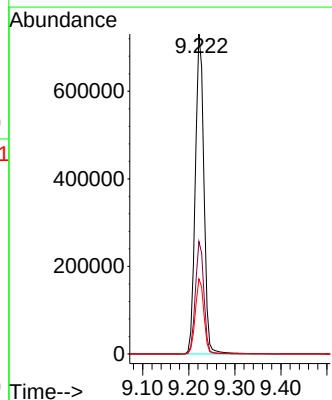
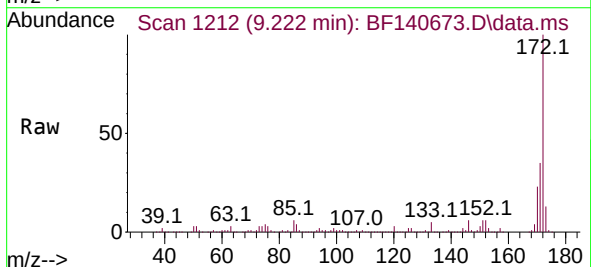
Tgt Ion:172 Resp: 946176

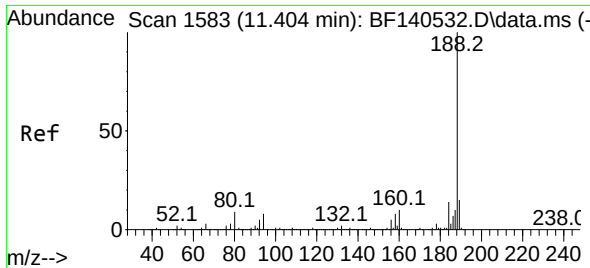
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.0 28.6

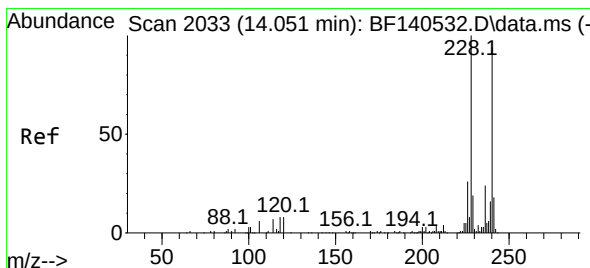
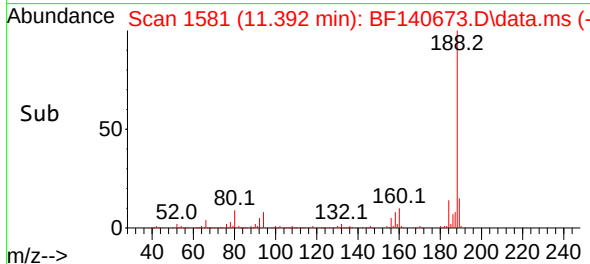
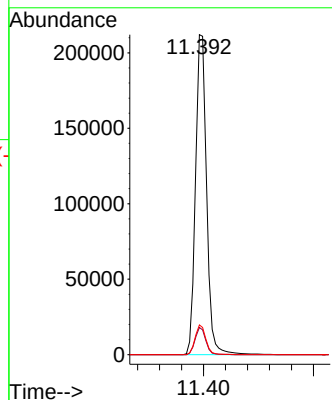
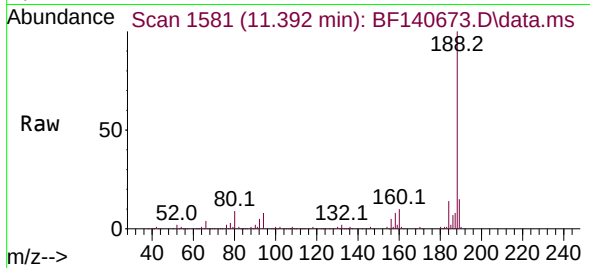




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

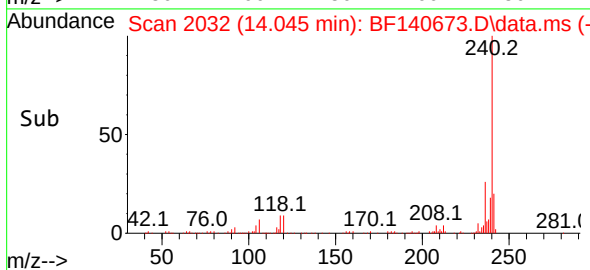
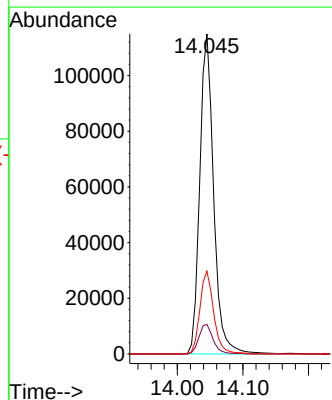
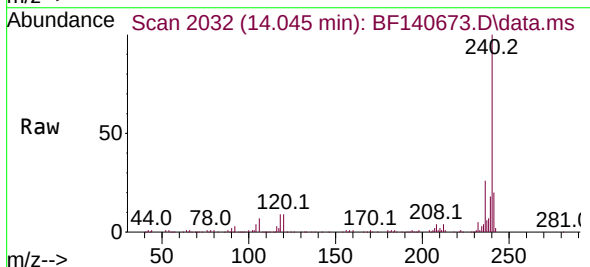
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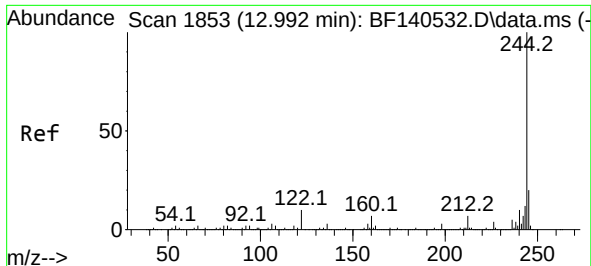
Tgt Ion:188 Resp: 295851
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:240 Resp: 169558
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.9 20.6 31.0

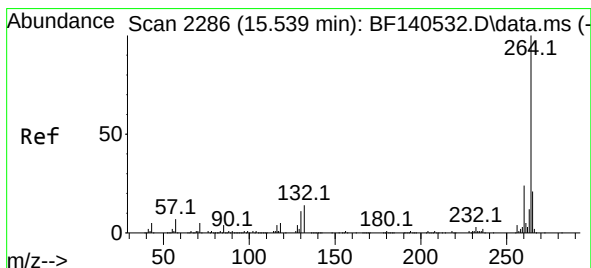
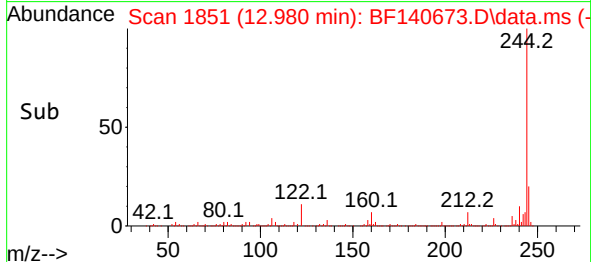
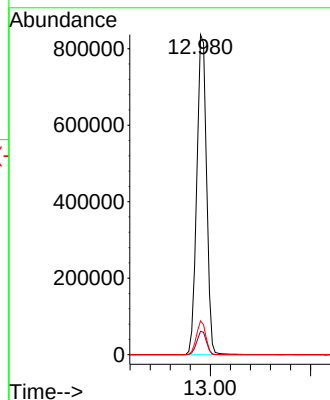
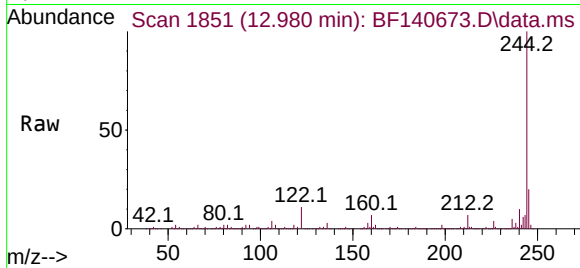




#79
Terphenyl-d14
Concen: 103.748 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Instrument :
BNA_F
ClientSampleId :
MH-745

Tgt Ion:244 Resp: 1129722
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. 0.000 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:264 Resp: 127142
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.5 16.6 25.0

