

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140464.D
 Acq On : 19 Nov 2024 11:00
 Operator : RC/JU
 Sample : PB165019TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165019TB

Quant Time: Nov 19 11:22:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	144350	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	545389	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	303191	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	576588	20.000	ng	0.00
76) Chrysene-d12	14.057	240	369743	20.000	ng	0.00
86) Perylene-d12	15.574	264	301857	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1062437	125.666	ng	0.02
7) Phenol-d6	6.510	99	1388624	121.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	906002	86.553	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	374546	124.228	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1651526	87.565	ng	0.00
79) Terphenyl-d14	12.986	244	1829349	85.880	ng	0.00

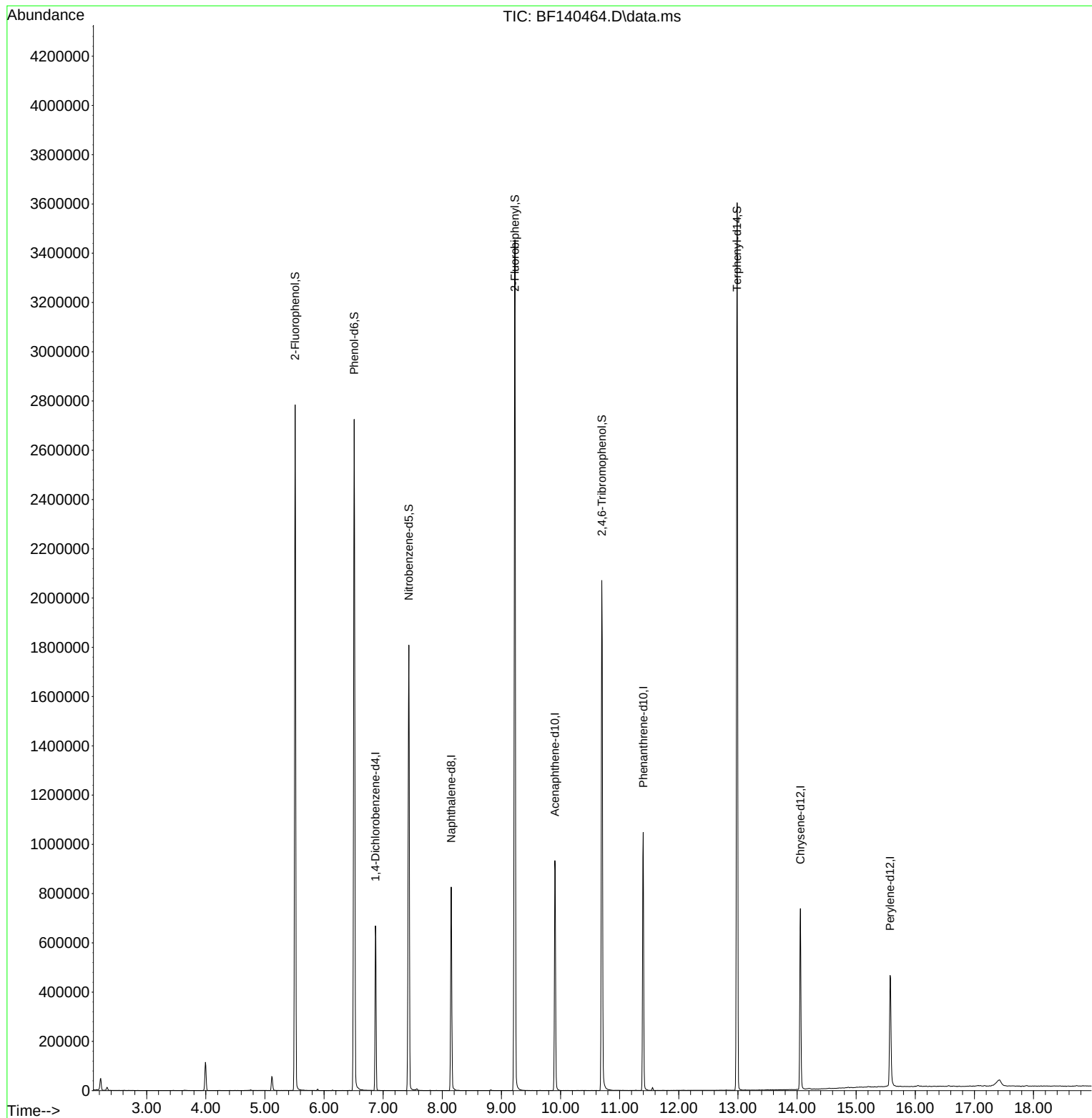
Target Compounds	Qvalue

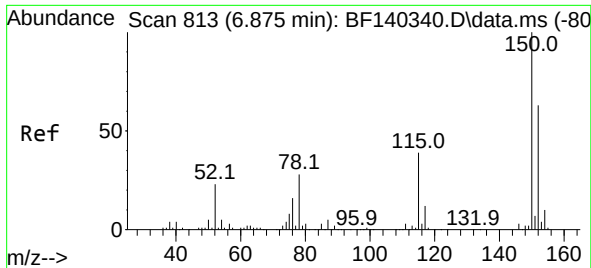
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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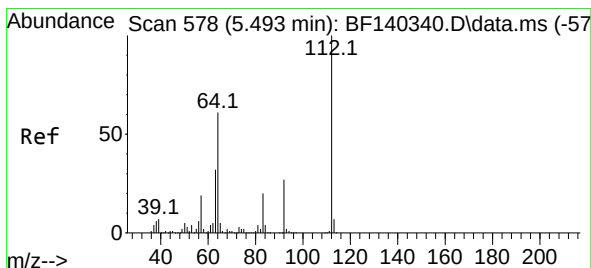
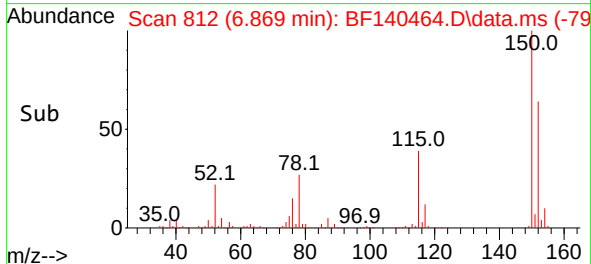
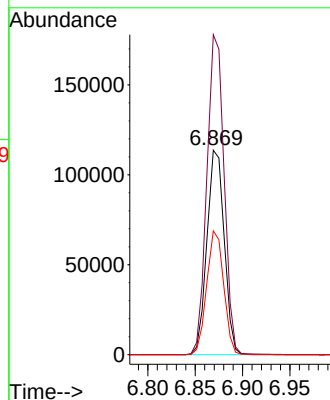
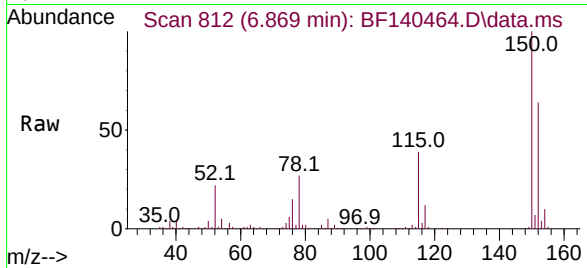




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

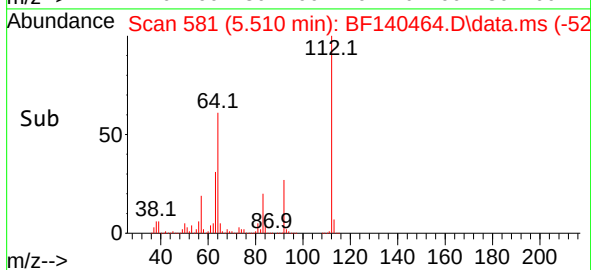
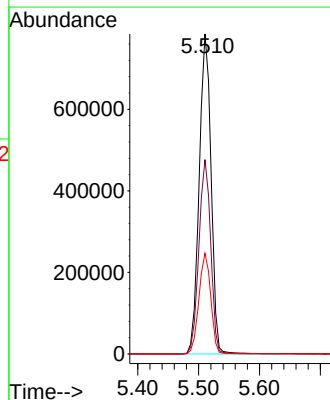
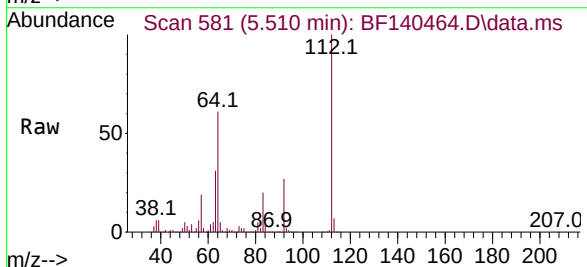
Instrument :
BNA_F
ClientSampleId :
PB165019TB

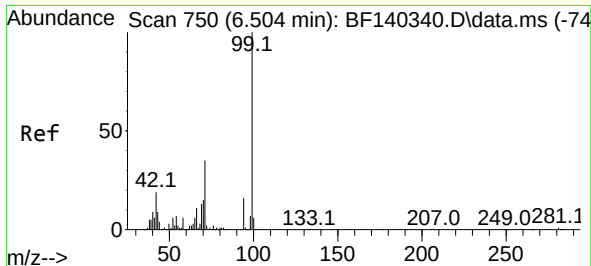
Tgt Ion:152 Resp: 144350
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 60.6 47.4 71.2



#5
2-Fluorophenol
Concen: 125.666 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion:112 Resp: 1062437
Ion Ratio Lower Upper
112 100
64 60.8 49.2 73.8
63 31.5 25.6 38.4

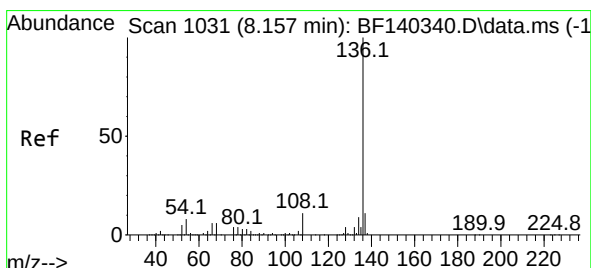
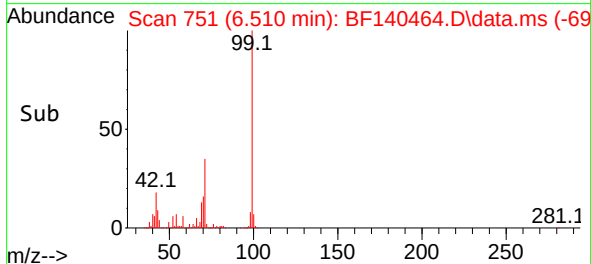
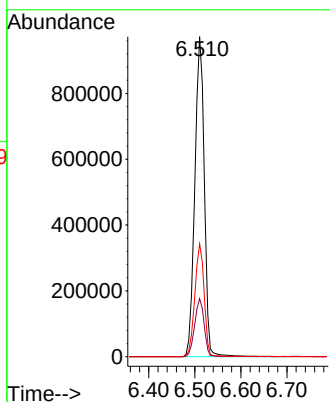
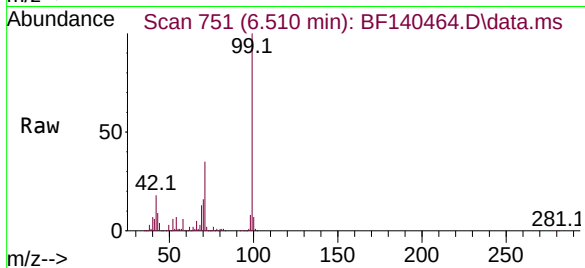




#7
Phenol-d6
Concen: 121.230 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

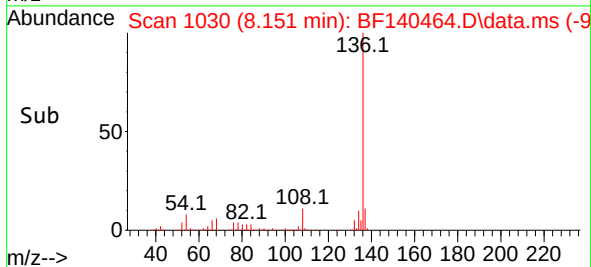
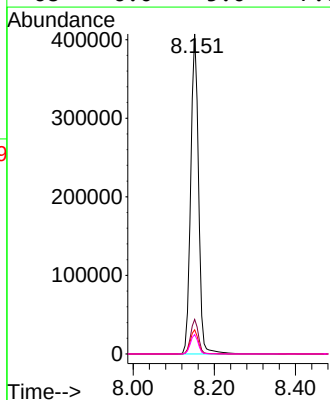
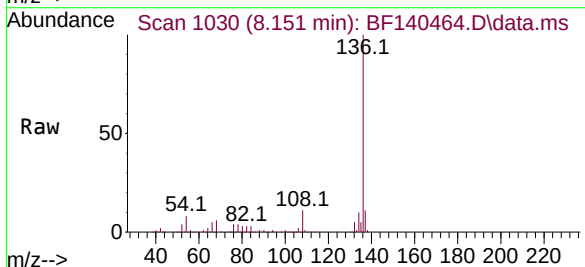
Instrument :
BNA_F
ClientSampleId :
PB165019TB

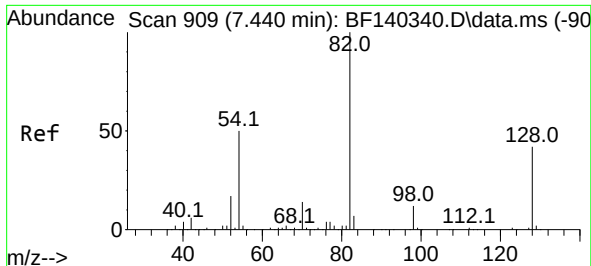
Tgt Ion: 99 Resp: 1388624
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.3 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion: 136 Resp: 545389
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.5 9.7
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.553 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140464.D

Acq: 19 Nov 2024 11:00

Instrument :

BNA_F

ClientSampleId :

PB165019TB

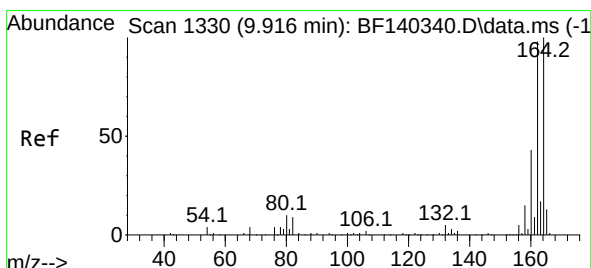
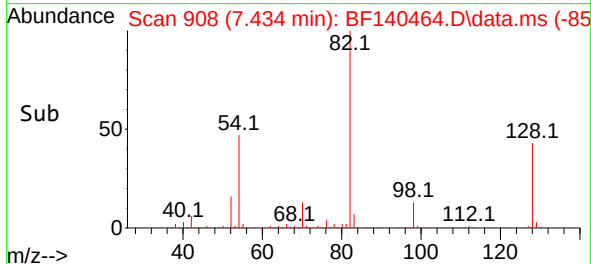
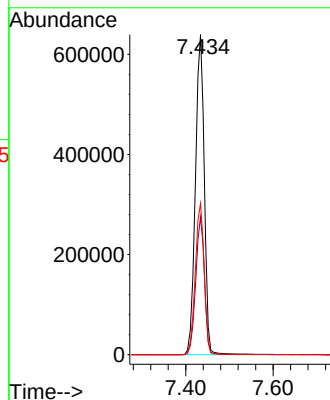
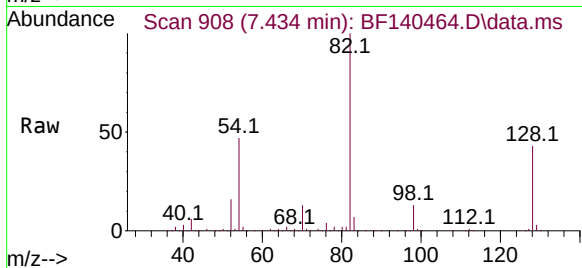
Tgt Ion: 82 Resp: 906002

Ion Ratio Lower Upper

82 100

128 43.0 33.3 49.9

54 47.3 39.8 59.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF140464.D

Acq: 19 Nov 2024 11:00

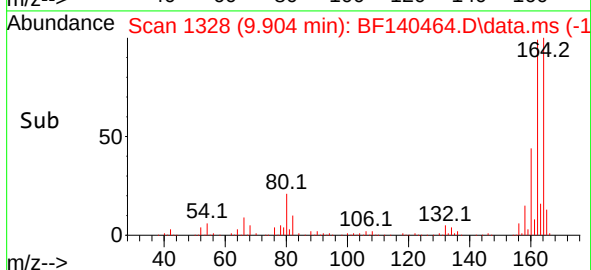
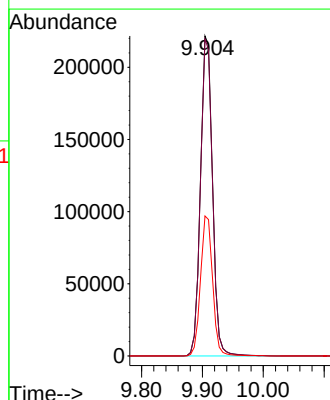
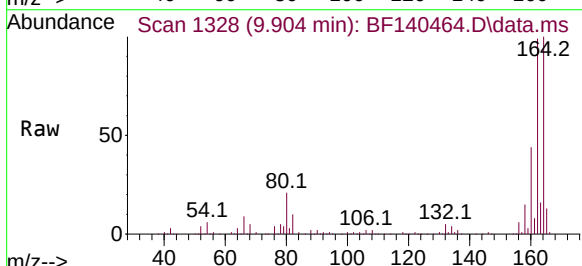
Tgt Ion:164 Resp: 303191

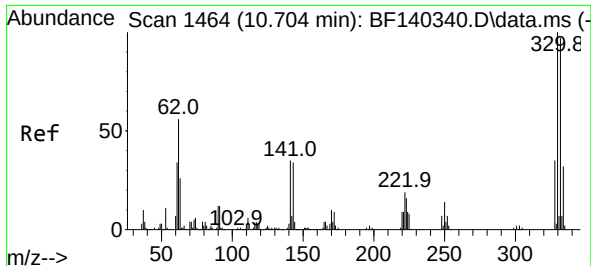
Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.8

160 43.7 35.4 53.0

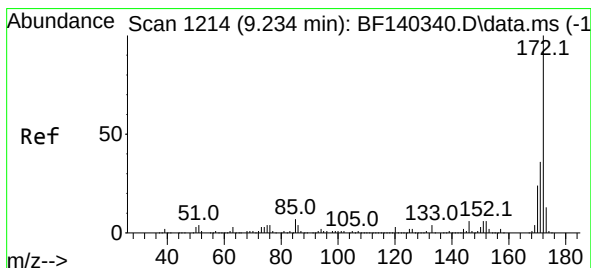
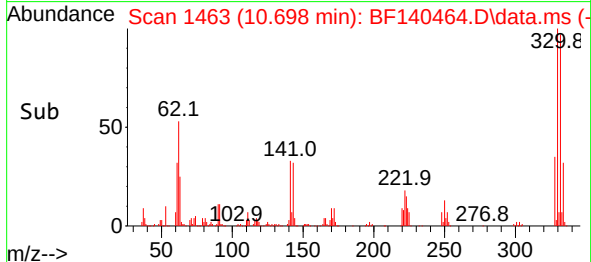
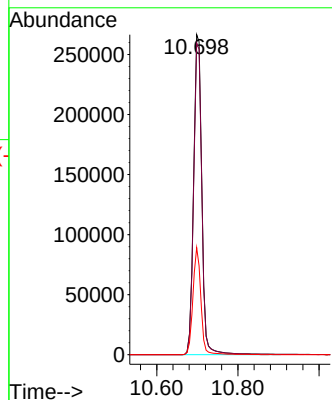
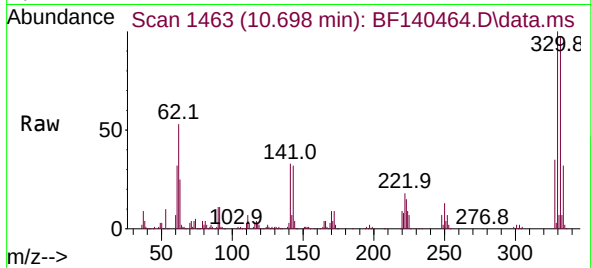




#42
2,4,6-Tribromophenol
Concen: 124.228 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

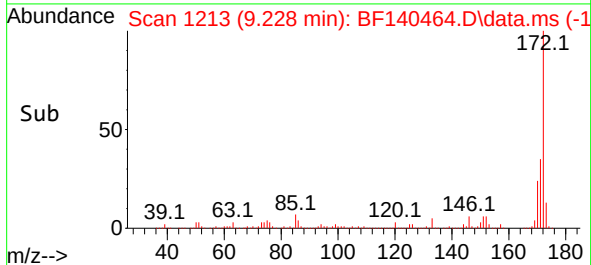
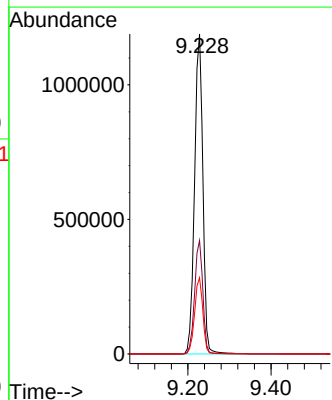
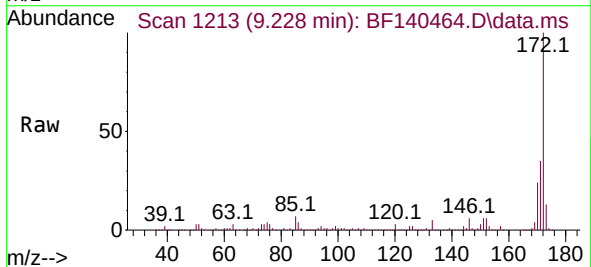
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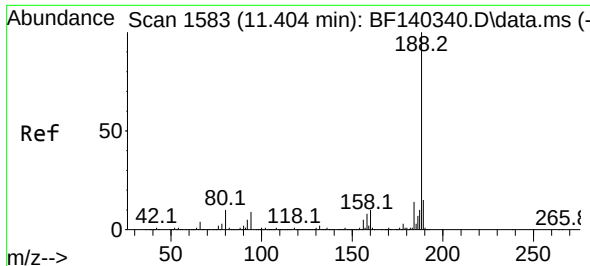
Tgt Ion: 330 Resp: 374546
Ion Ratio Lower Upper
330 100
332 96.9 75.9 113.9
141 32.3 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 87.565 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion: 172 Resp: 1651526
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.8 19.1 28.7

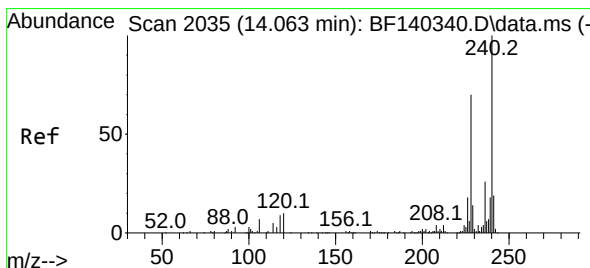
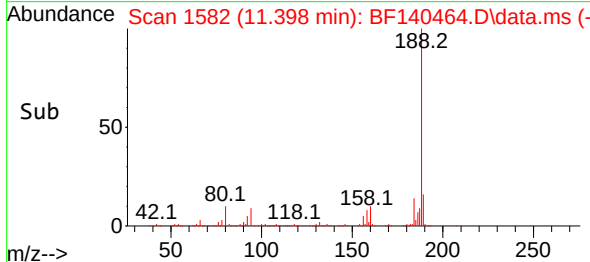
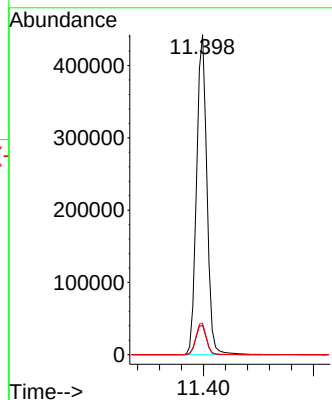
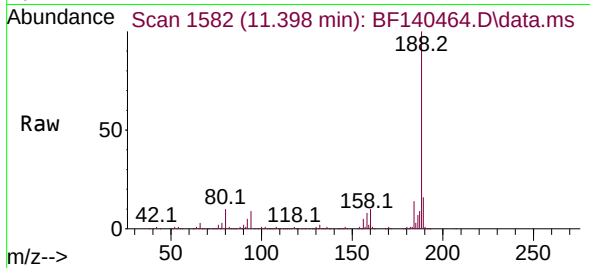




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

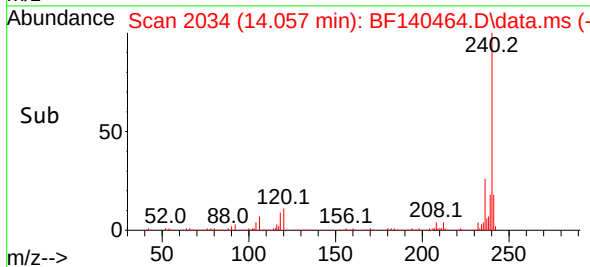
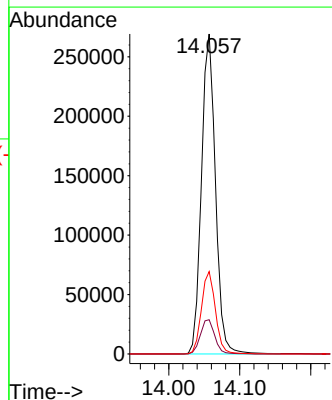
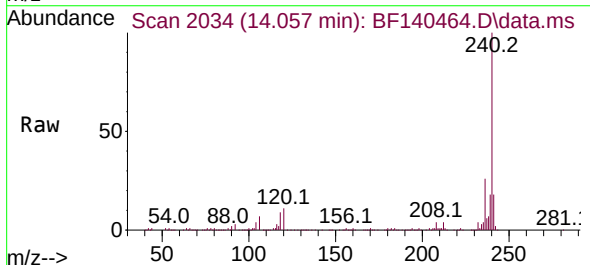
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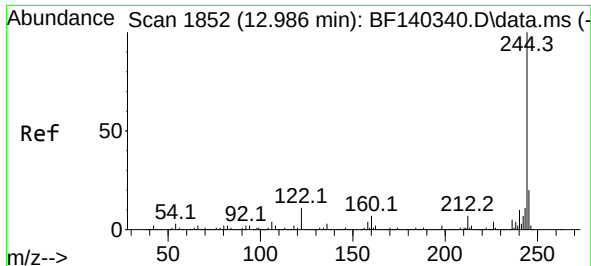
Tgt Ion:188 Resp: 576588
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140464.D
Acq: 19 Nov 2024 11:00

Tgt Ion:240 Resp: 369743
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.8 20.9 31.3

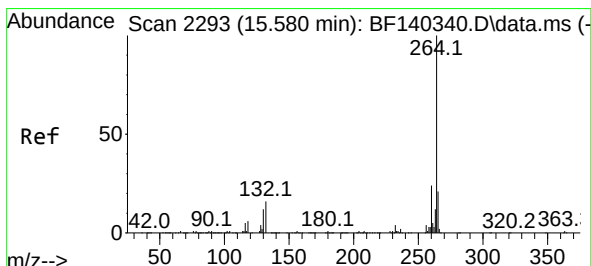
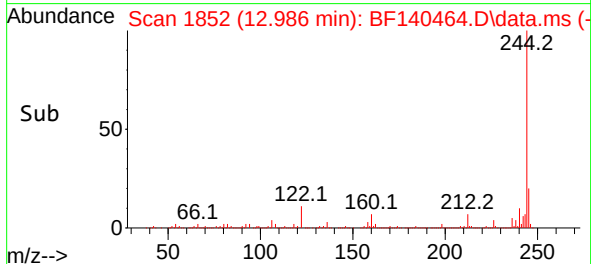
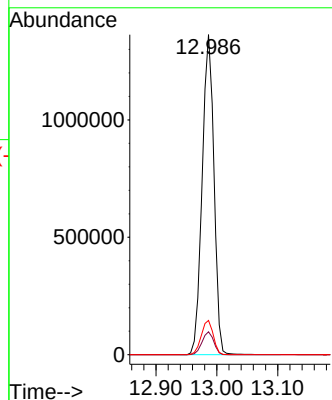
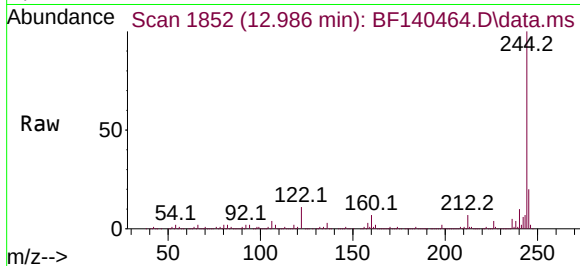




#79
 Terphenyl-d14
 Concen: 85.880 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF140464.D
 Acq: 19 Nov 2024 11:00

Instrument :
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Tgt Ion:244 Resp: 1829349
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF140464.D
 Acq: 19 Nov 2024 11:00

Tgt Ion:264 Resp: 301857
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.1 17.1 25.7

