

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140467.D
 Acq On : 19 Nov 2024 12:28
 Operator : RC/JU
 Sample : P4870-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-735

Quant Time: Nov 19 12:52:11 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	145876	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	558091	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	308724	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	584299	20.000	ng	0.00
76) Chrysene-d12	14.051	240	342984	20.000	ng	0.00
86) Perylene-d12	15.568	264	273501	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	810014	94.807	ng	0.01
7) Phenol-d6	6.510	99	1088998	94.078	ng	0.00
23) Nitrobenzene-d5	7.434	82	721857	67.392	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	282832	92.127	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1176308	61.251	ng	-0.01
79) Terphenyl-d14	12.980	244	1246610	63.089	ng	0.00

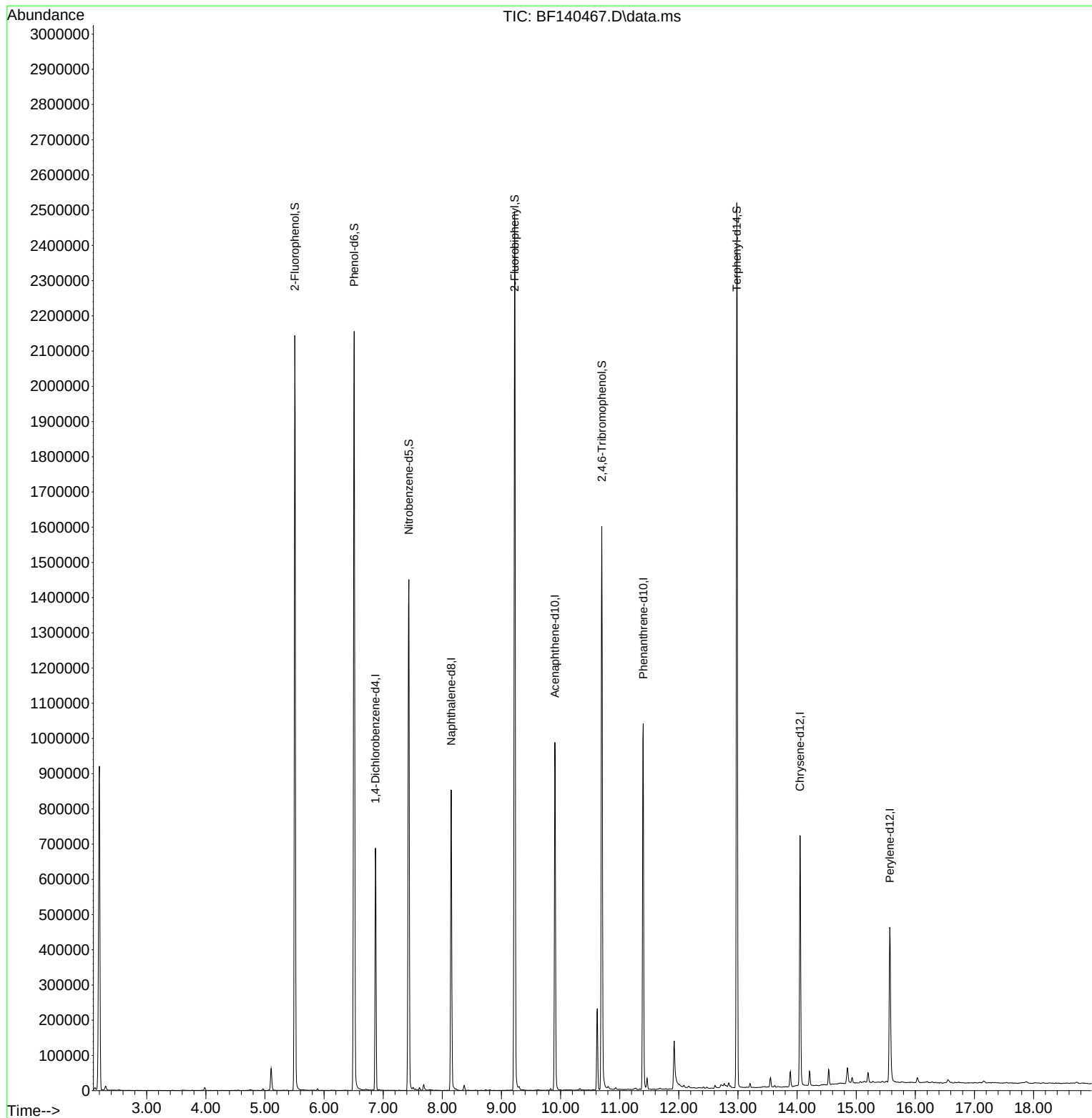
Target Compounds	Qvalue

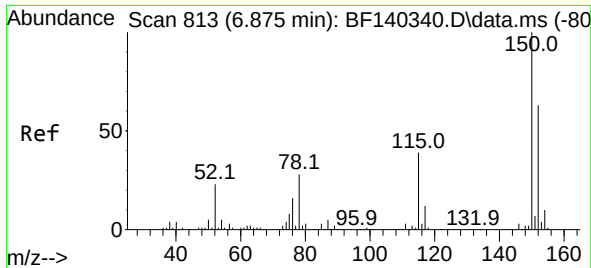
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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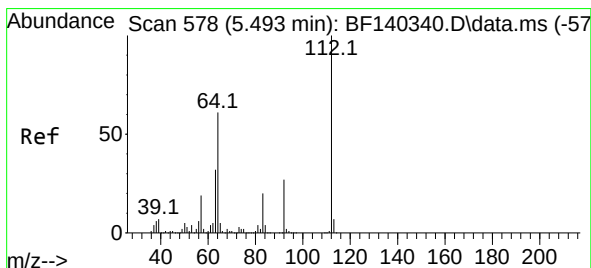
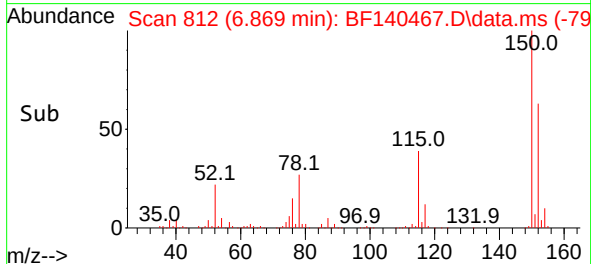
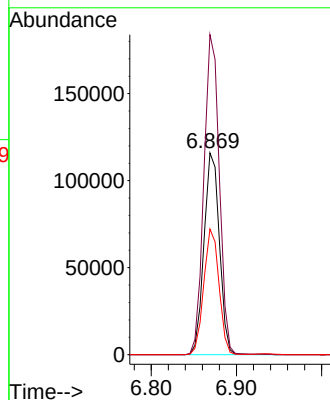
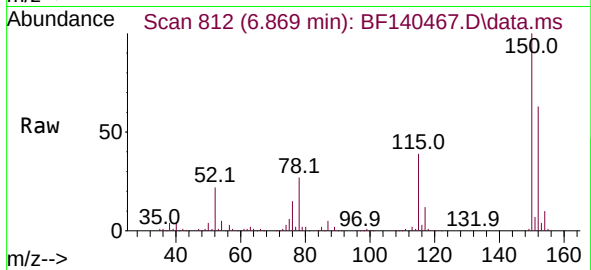




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

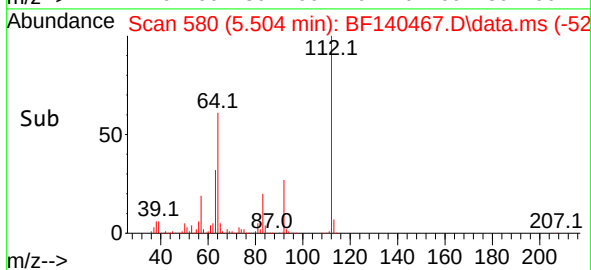
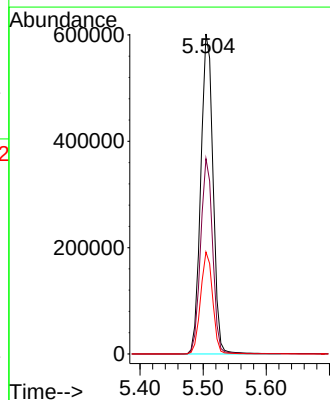
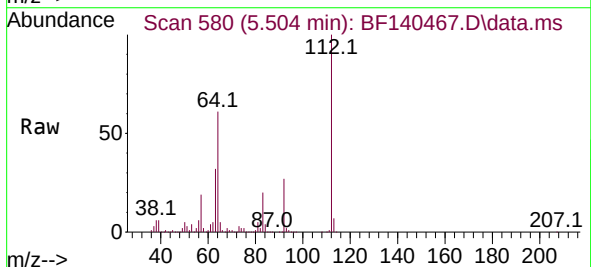
Instrument :
BNA_F
ClientSampleId :
MH-735

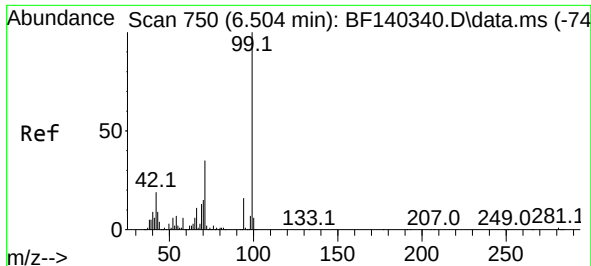
Tgt Ion:152 Resp: 145876
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 62.2 47.4 71.2



#5
2-Fluorophenol
Concen: 94.807 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion:112 Resp: 810014
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 31.8 25.6 38.4





#7

Phenol-d6

Concen: 94.078 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140467.D

Acq: 19 Nov 2024 12:28

Instrument :

BNA_F

ClientSampleId :

MH-735

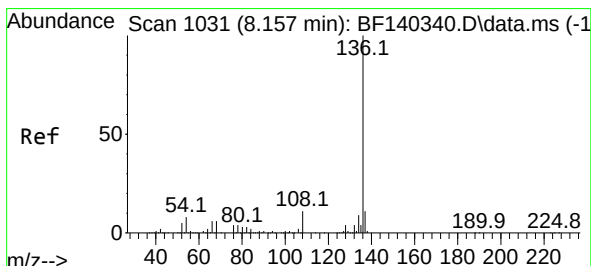
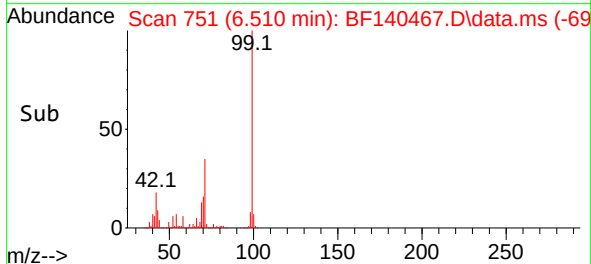
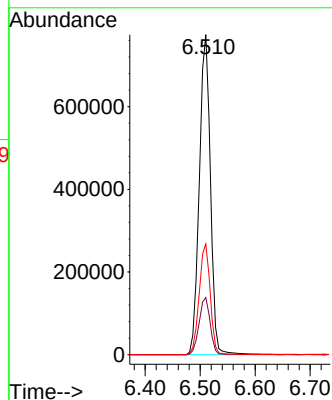
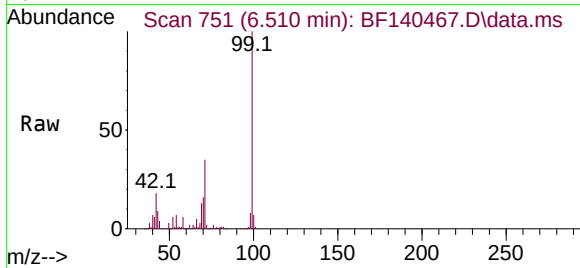
Tgt Ion: 99 Resp: 1088998

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

71 34.6 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: BF140467.D

Acq: 19 Nov 2024 12:28

Tgt Ion: 136 Resp: 558091

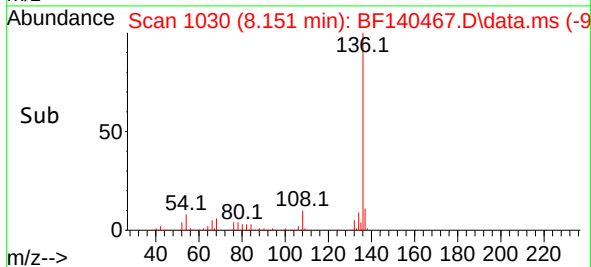
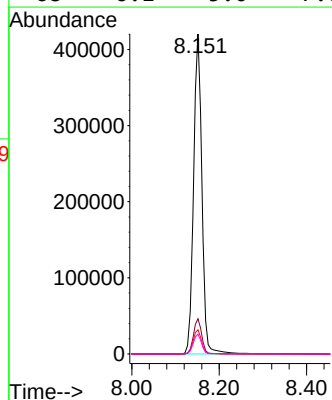
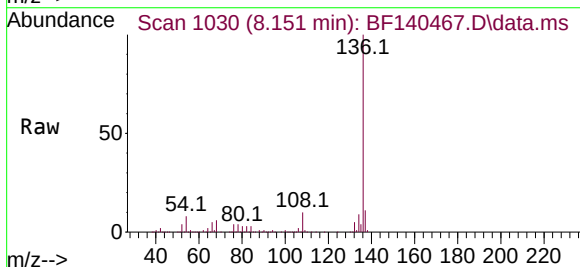
Ion Ratio Lower Upper

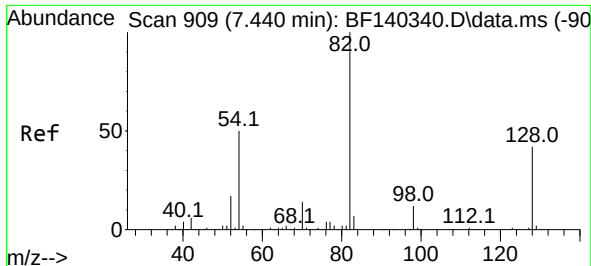
136 100

137 11.0 8.7 13.1

54 7.6 6.5 9.7

68 6.1 5.0 7.6

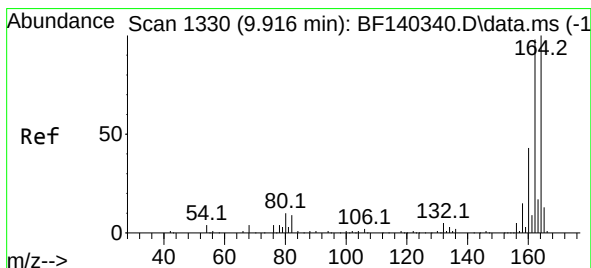
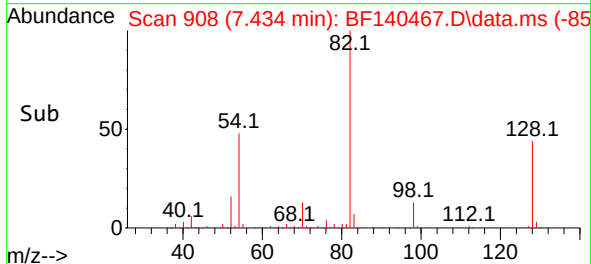
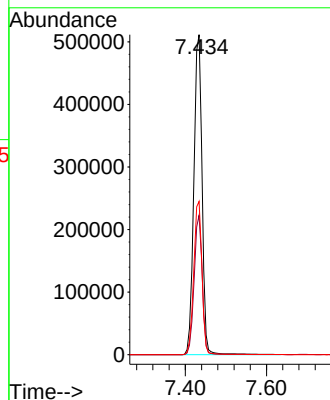
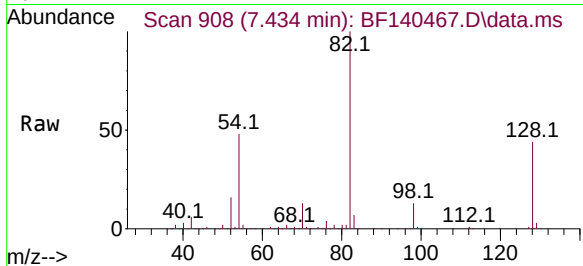




#23
 Nitrobenzene-d5
 Concen: 67.392 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140467.D
 Acq: 19 Nov 2024 12:28

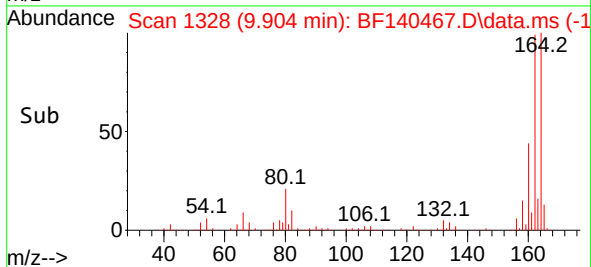
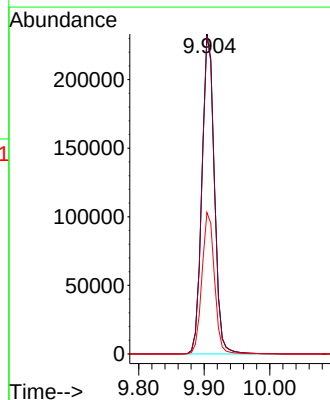
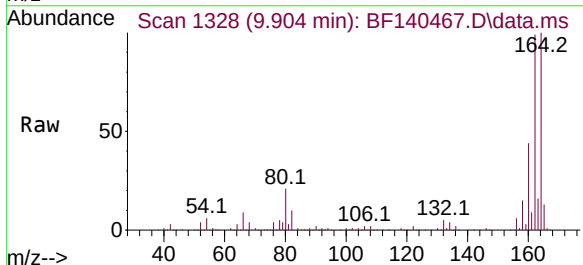
Instrument :
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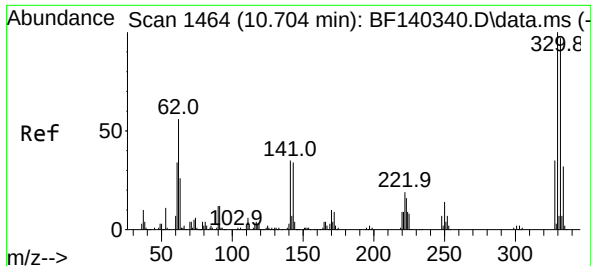
Tgt Ion: 82 Resp: 721857
 Ion Ratio Lower Upper
 82 100
 128 43.5 33.3 49.9
 54 47.9 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF140467.D
 Acq: 19 Nov 2024 12:28

Tgt Ion:164 Resp: 308724
 Ion Ratio Lower Upper
 164 100
 162 99.3 79.8 119.8
 160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 92.127 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140467.D

Acq: 19 Nov 2024 12:28

Instrument :

BNA_F

ClientSampleId :

MH-735

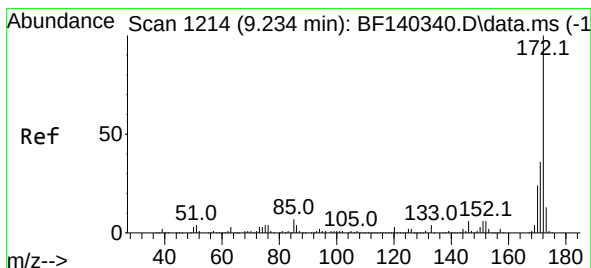
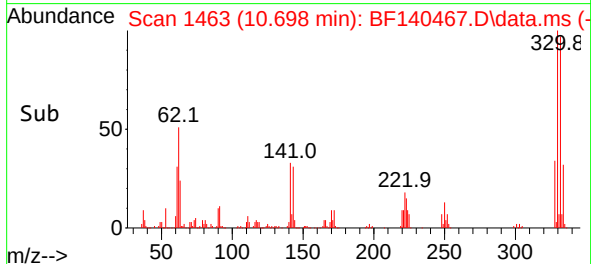
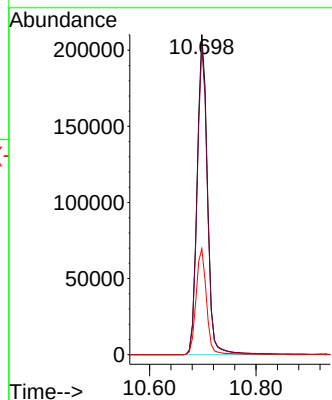
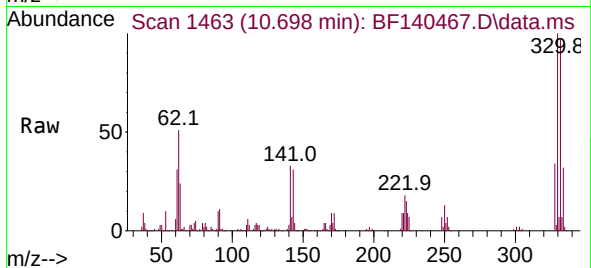
Tgt Ion:330 Resp: 282832

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 33.2 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 61.251 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140467.D

Acq: 19 Nov 2024 12:28

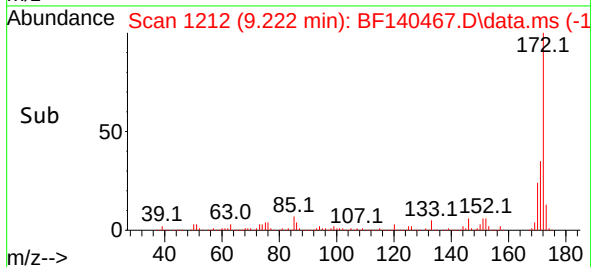
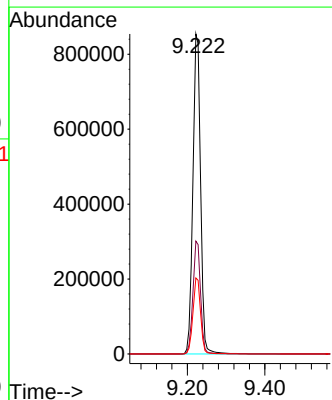
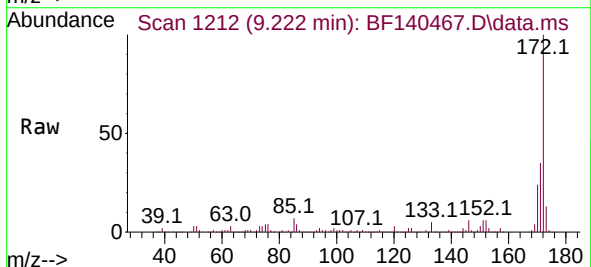
Tgt Ion:172 Resp: 1176308

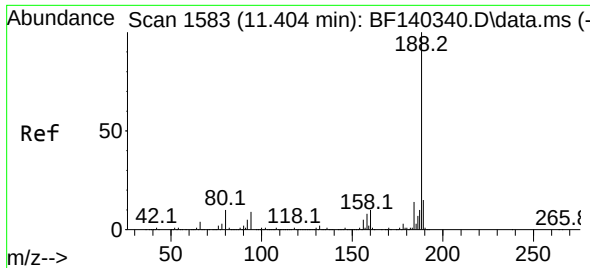
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.8 19.1 28.7

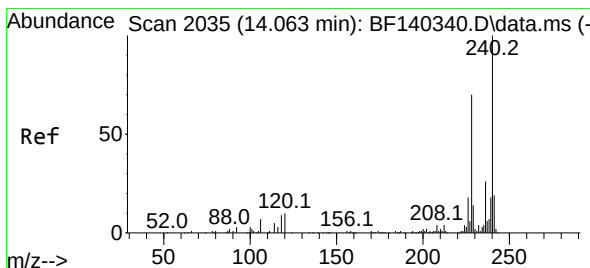
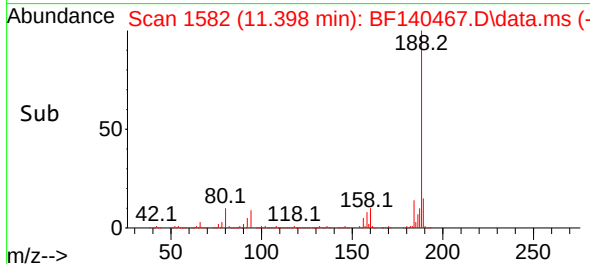
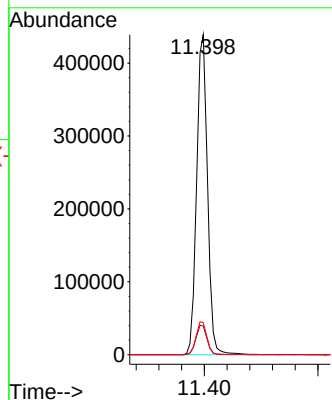
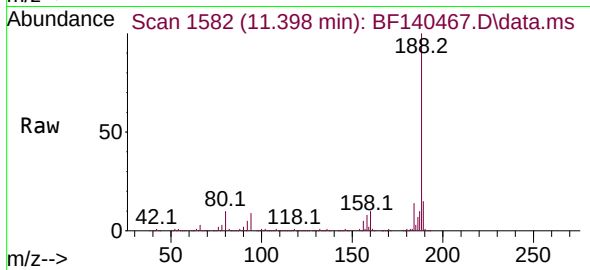




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

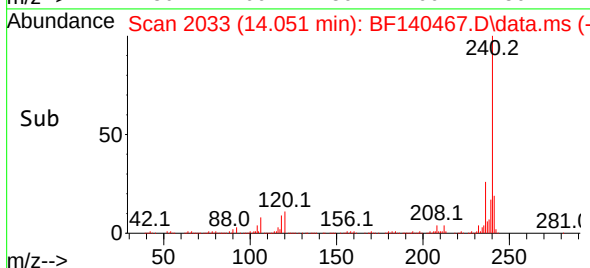
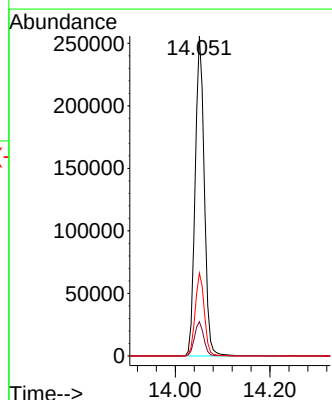
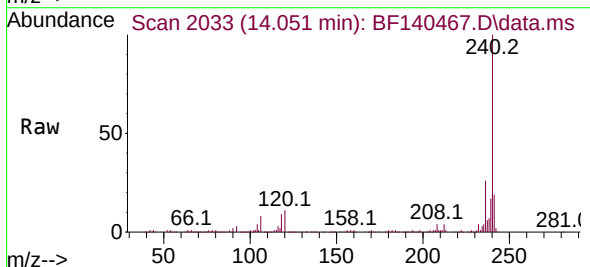
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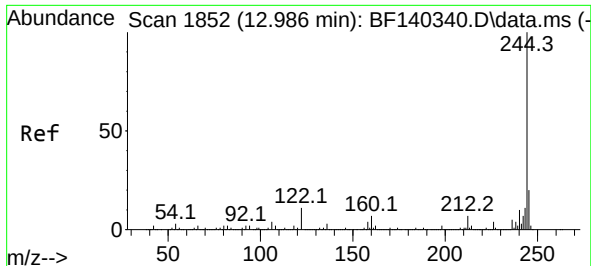
Tgt Ion:188 Resp: 584299
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140467.D
Acq: 19 Nov 2024 12:28

Tgt Ion:240 Resp: 342984
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.9 20.9 31.3

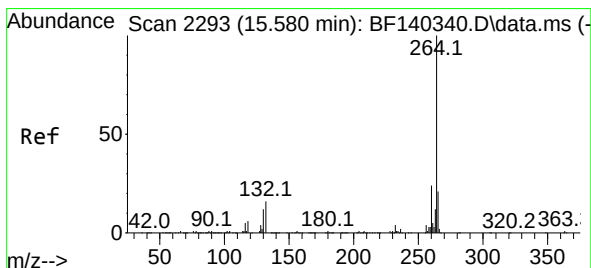
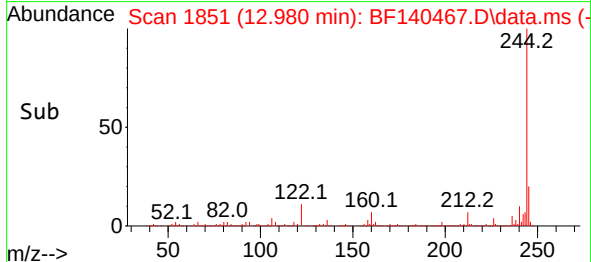
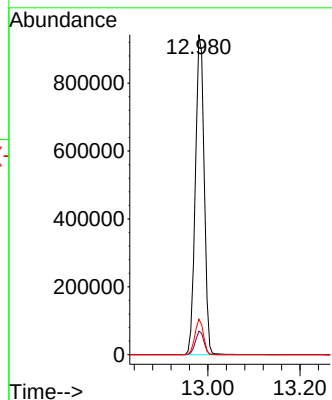
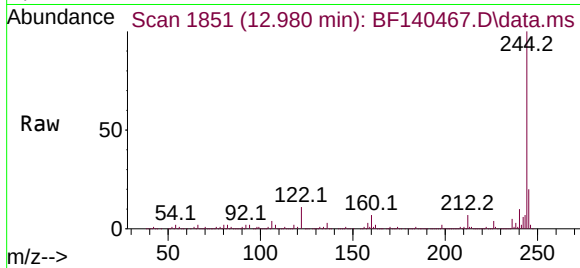




#79
 Terphenyl-d14
 Concen: 63.089 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140467.D
 Acq: 19 Nov 2024 12:28

Instrument :
 BNA_F
 ClientSampleId :
 MH-735

Tgt Ion:244 Resp: 1246610
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF140467.D
 Acq: 19 Nov 2024 12:28

Tgt Ion:264 Resp: 273501
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.0 17.1 25.7

