

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140735.D
 Acq On : 04 Dec 2024 19:04
 Operator : RC/JU
 Sample : P5072-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-737

Quant Time: Dec 05 00:06:36 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	68577	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	258164	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	146405	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	288193	20.000	ng	0.00
76) Chrysene-d12	14.051	240	174281	20.000	ng	0.00
86) Perylene-d12	15.551	264	128836	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	594438	147.897	ng	0.02
7) Phenol-d6	6.516	99	723032	136.073	ng	0.00
23) Nitrobenzene-d5	7.434	82	533245	105.652	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	263158	168.065	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1068041	108.693	ng	-0.01
79) Terphenyl-d14	12.986	244	1188095	106.151	ng	0.00

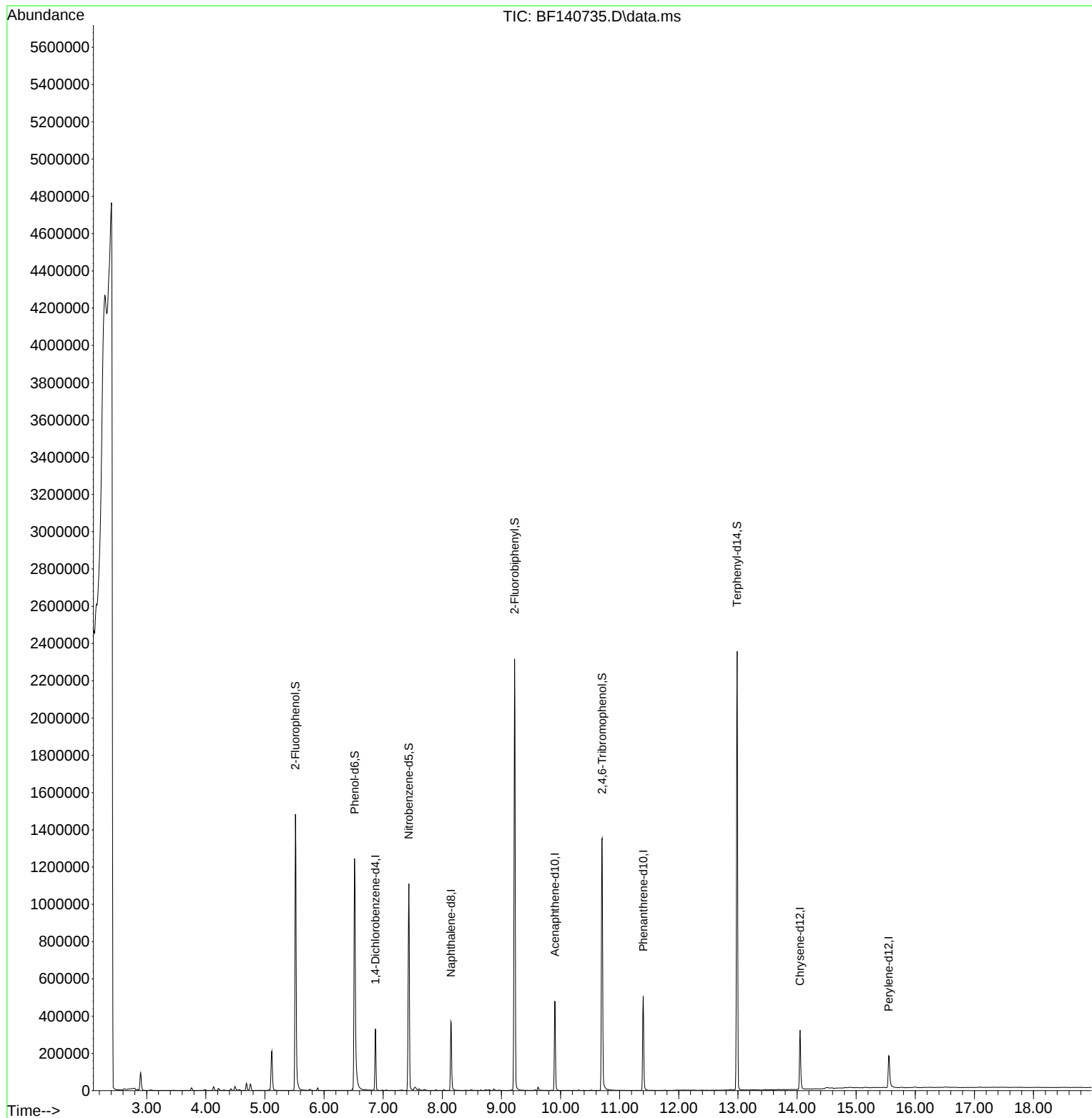
Target Compounds	Qvalue

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

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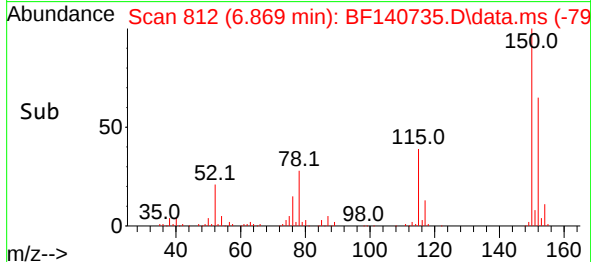
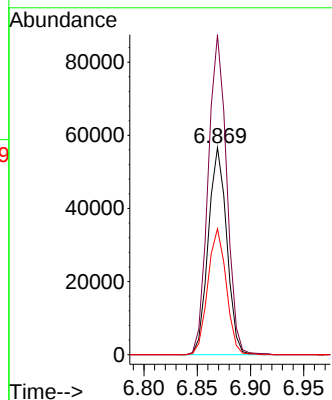
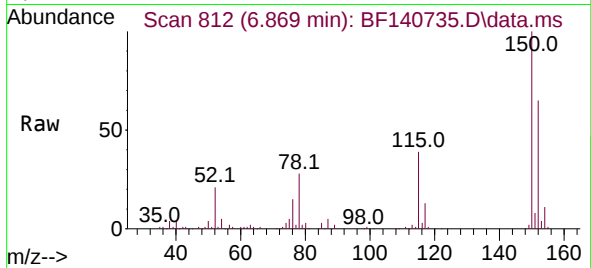




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

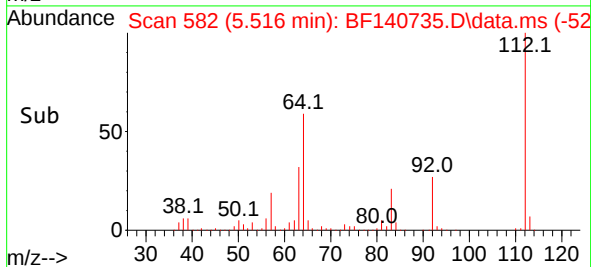
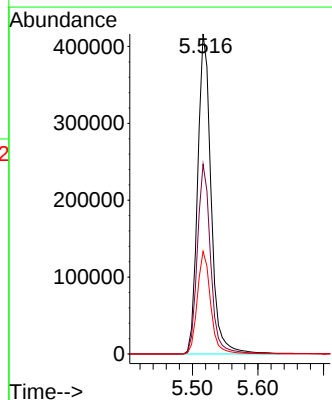
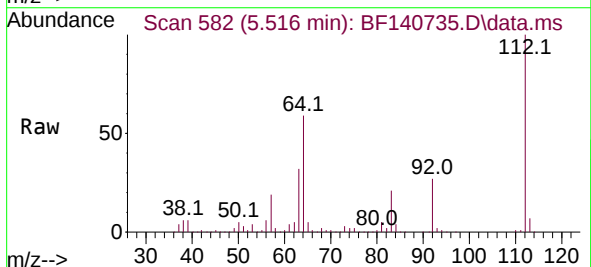
Instrument :
BNA_F
ClientSampleId :
MH-737

Tgt Ion:152 Resp: 68577
Ion Ratio Lower Upper
152 100
150 154.5 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 147.897 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:112 Resp: 594438
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 32.1 27.0 40.4

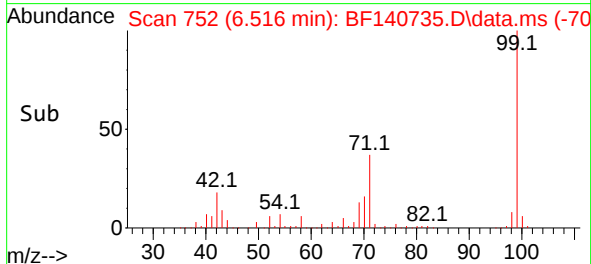
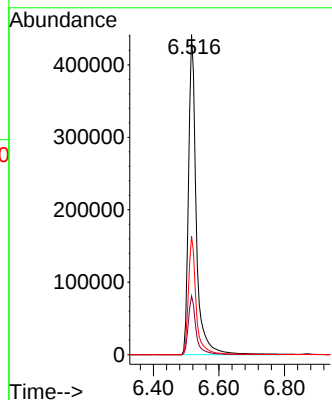
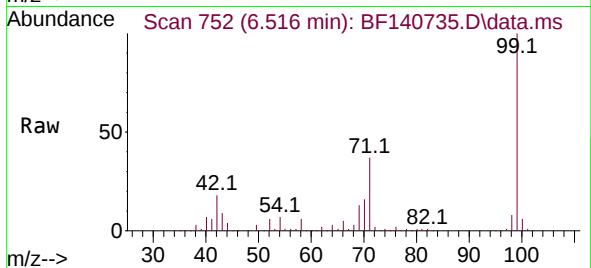




#7
Phenol-d6
Concen: 136.073 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

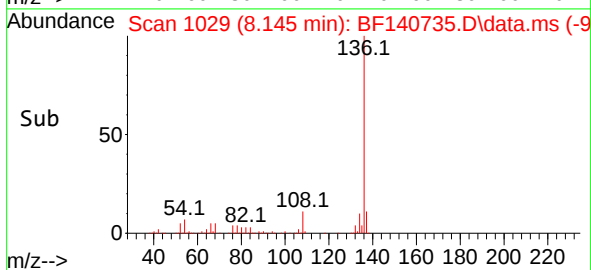
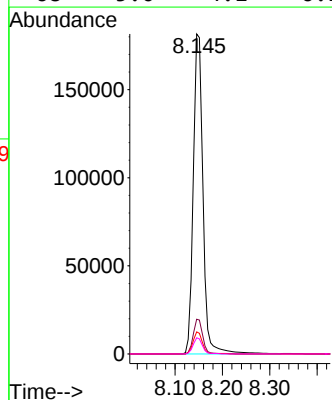
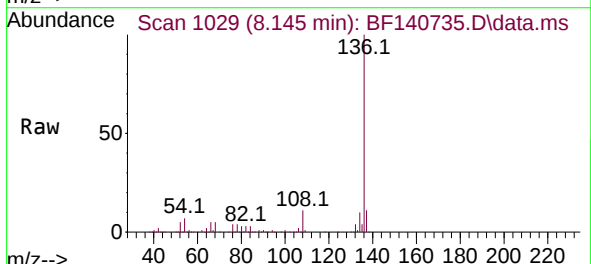
Instrument :
BNA_F
ClientSampleId :
MH-737

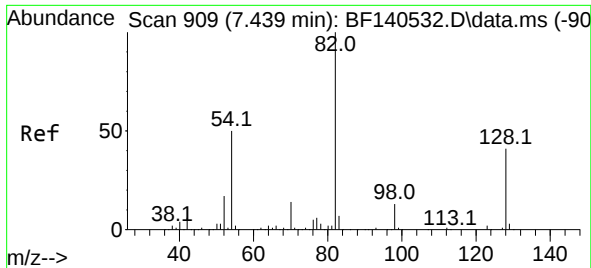
Tgt Ion: 99 Resp: 723032
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion: 136 Resp: 258164
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1

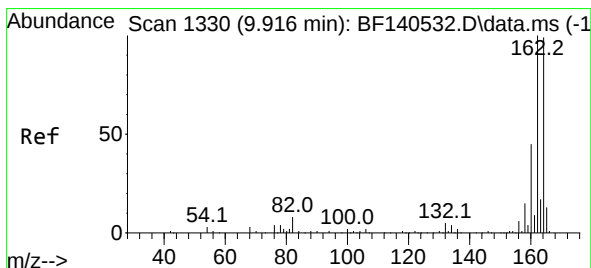
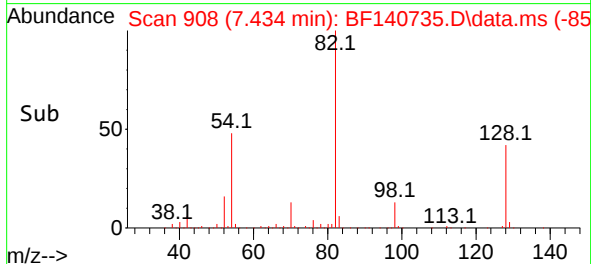
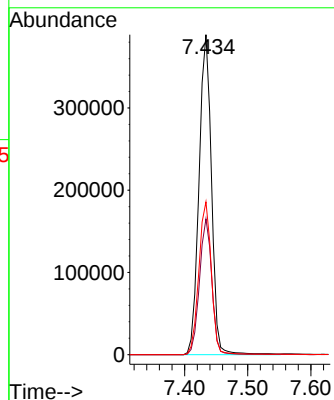
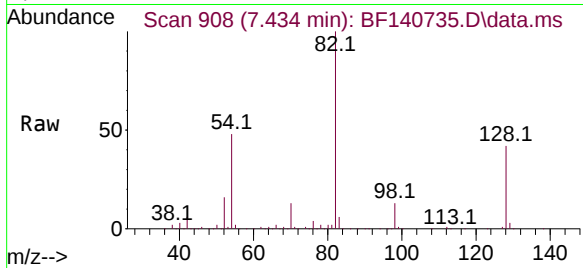




#23
Nitrobenzene-d5
Concen: 105.652 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

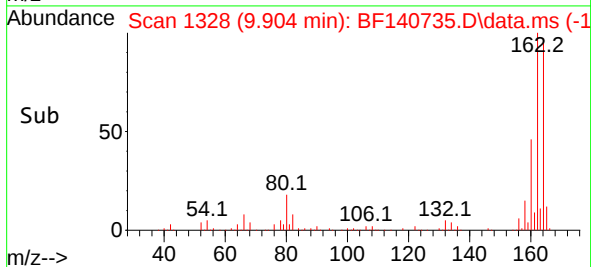
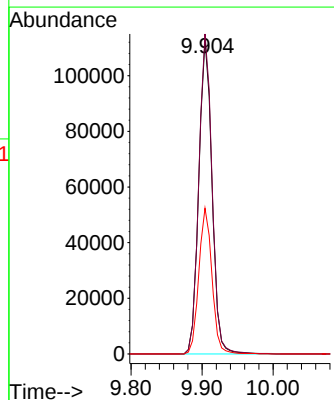
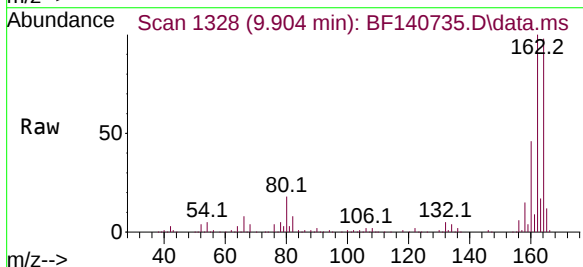
Instrument :
BNA_F
ClientSampleId :
MH-737

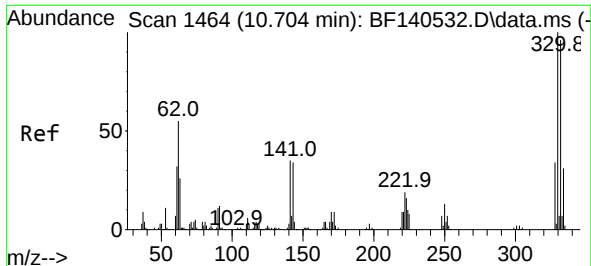
Tgt Ion: 82 Resp: 533245
Ion Ratio Lower Upper
82 100
128 42.4 33.0 49.4
54 47.8 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion: 164 Resp: 146405
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 168.065 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140735.D

Acq: 04 Dec 2024 19:04

Instrument :

BNA_F

ClientSampleId :

MH-737

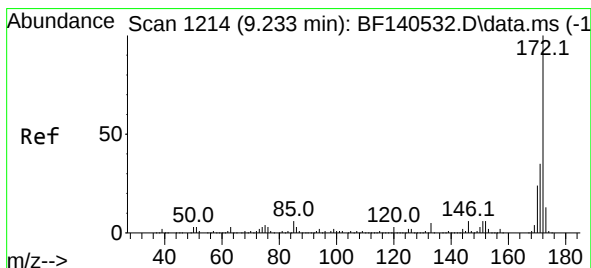
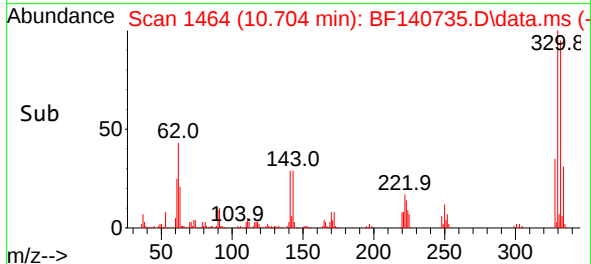
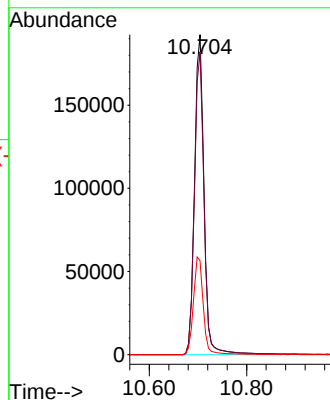
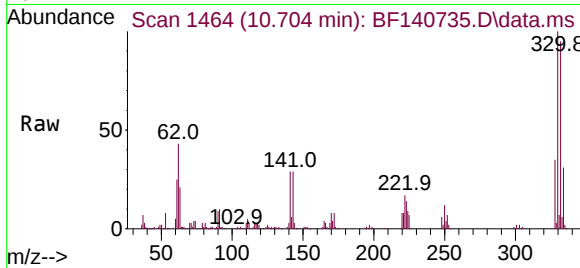
Tgt Ion:330 Resp: 263158

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 31.7 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 108.693 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140735.D

Acq: 04 Dec 2024 19:04

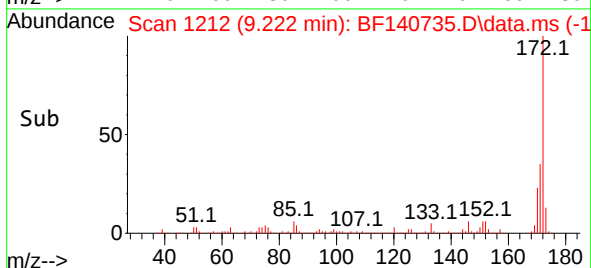
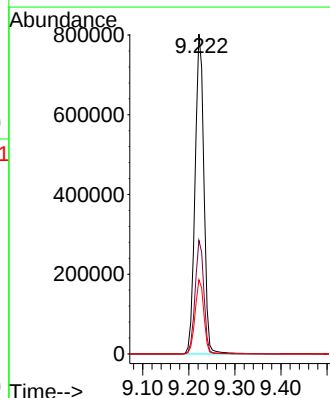
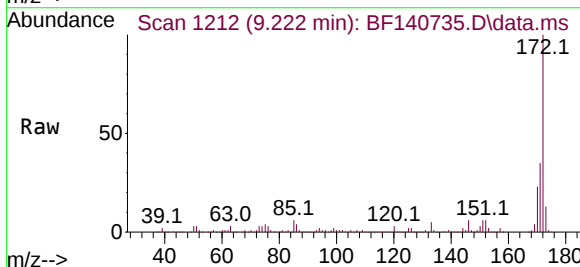
Tgt Ion:172 Resp: 1068041

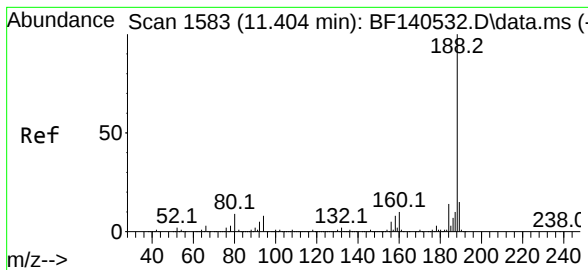
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.2 19.0 28.6

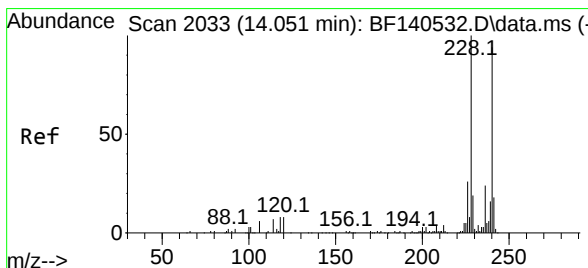
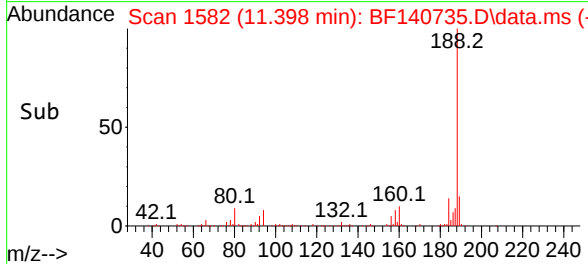
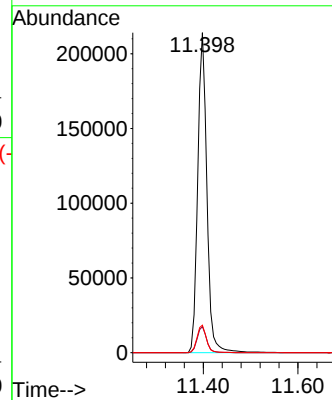
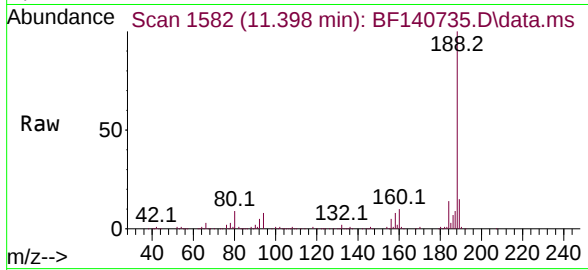




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

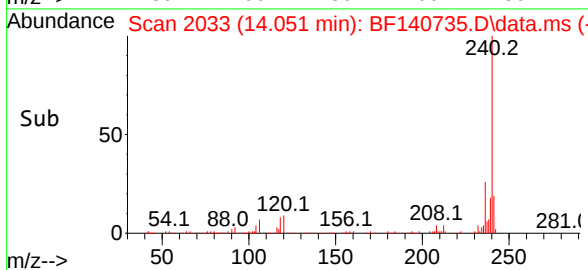
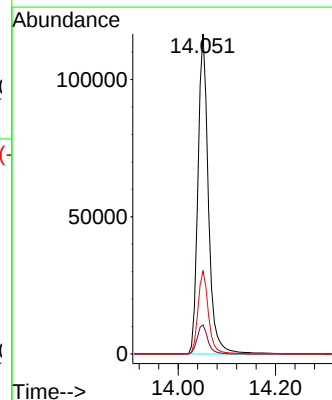
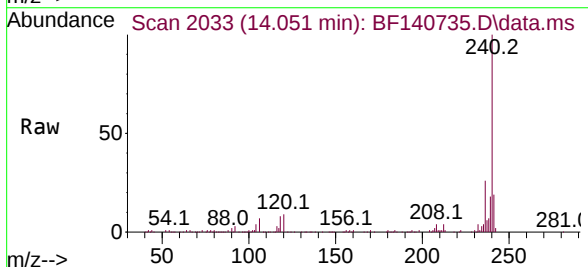
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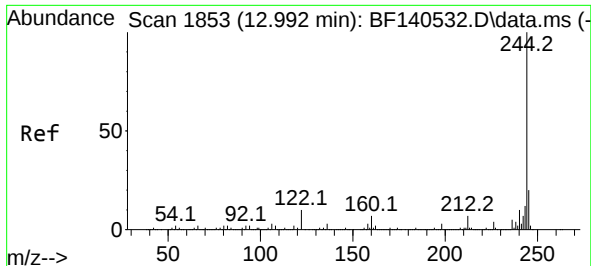
Tgt Ion:188 Resp: 288193
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

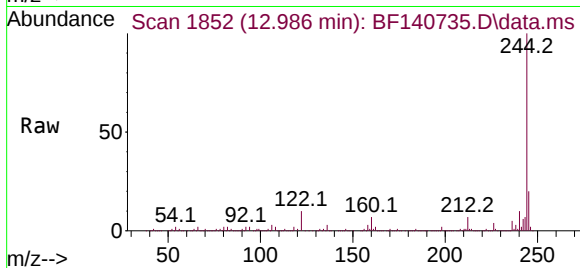
Tgt Ion:240 Resp: 174281
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.9 20.6 31.0



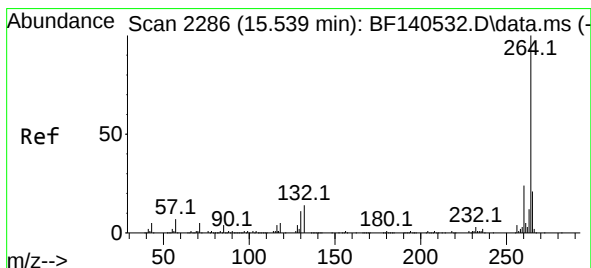
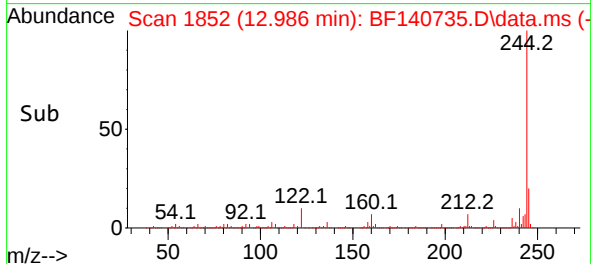
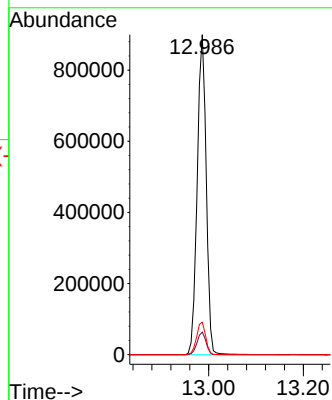


#79
Terphenyl-d14
Concen: 106.151 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Instrument :
BNA_F
ClientSampleId :
MH-737



Tgt Ion:244 Resp: 1188095
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.2 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140735.D
Acq: 04 Dec 2024 19:04

Tgt Ion:264 Resp: 128836
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.4 16.6 25.0

