

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
Data File : BF140541.D
Acq On : 21 Nov 2024 17:55
Operator : RC/JU
Sample : P4887-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-760

Quant Time: Nov 22 00:09:53 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	73085	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	266752	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	135839	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	244816	20.000	ng	0.00
76) Chrysene-d12	14.045	240	145003	20.000	ng	0.00
86) Perylene-d12	15.539	264	49927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	595317	138.980	ng	0.01
7) Phenol-d6	6.510	99	700142	123.638	ng	0.00
23) Nitrobenzene-d5	7.434	82	535642	102.711	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	224967	154.850	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	983426	107.867	ng	0.00
79) Terphenyl-d14	12.986	244	925591	99.396	ng	0.00

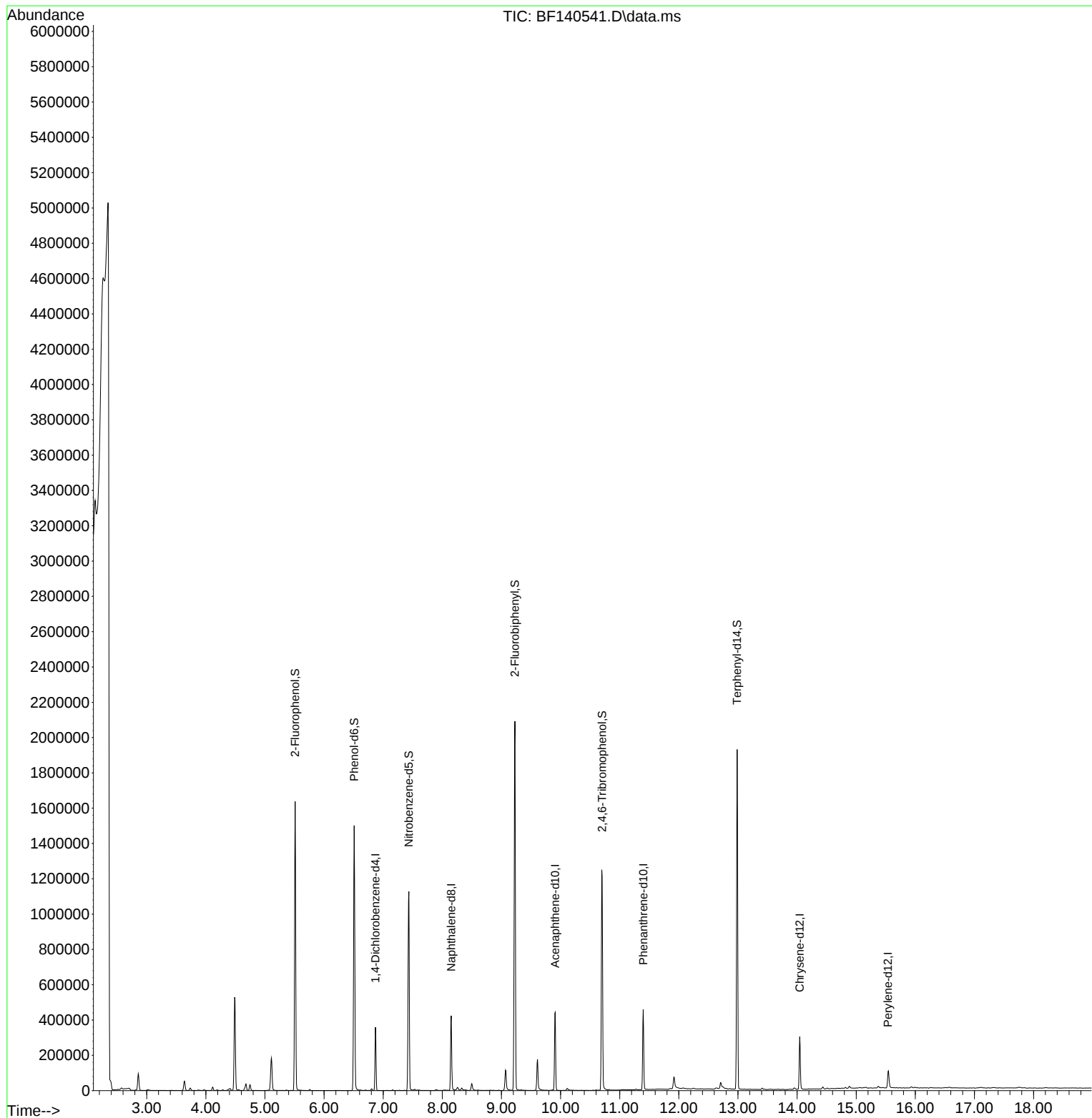
Target Compounds	Qvalue

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

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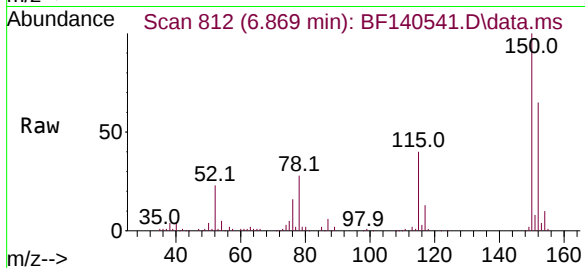
Quant Time: Nov 22 00:09:53 2024
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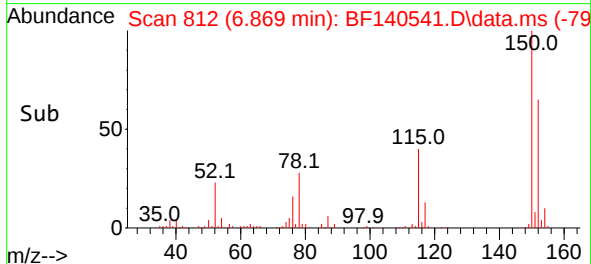
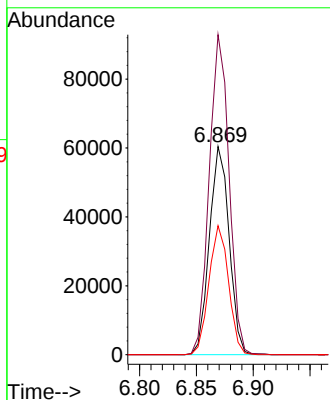


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Instrument :
BNA_F
ClientSampleId :
MH-760

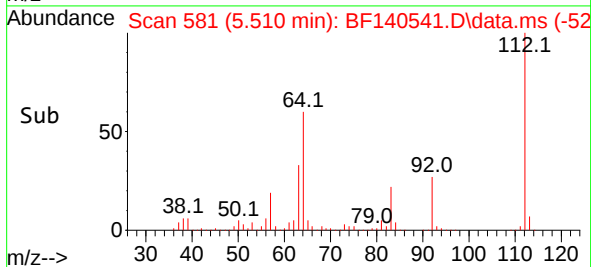
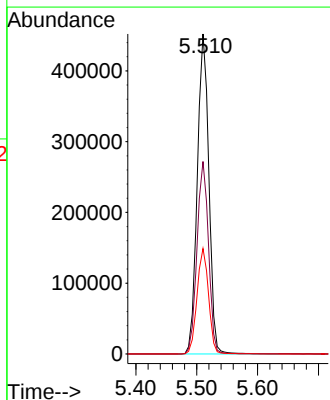
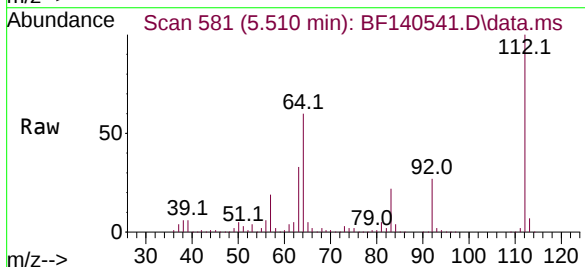


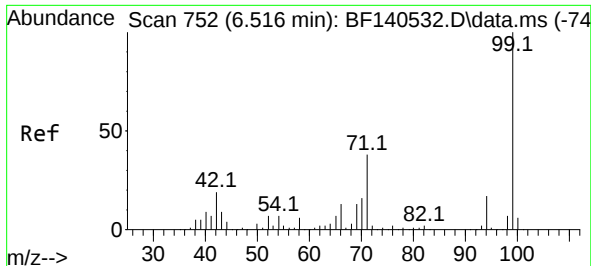
Tgt Ion:152 Resp: 73085
Ion Ratio Lower Upper
152 100
150 153.8 128.5 192.7
115 61.9 50.2 75.4



#5
2-Fluorophenol
Concen: 138.980 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:112 Resp: 595317
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 33.0 27.0 40.4

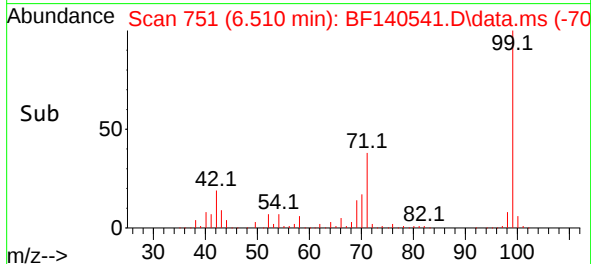
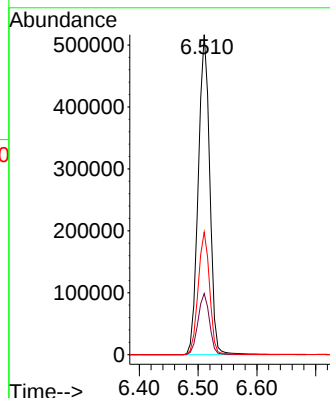
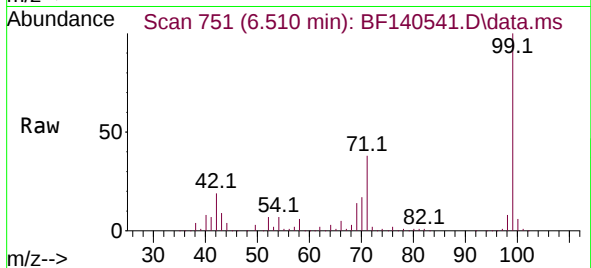




#7
Phenol-d6
Concen: 123.638 ng
RT: 6.510 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

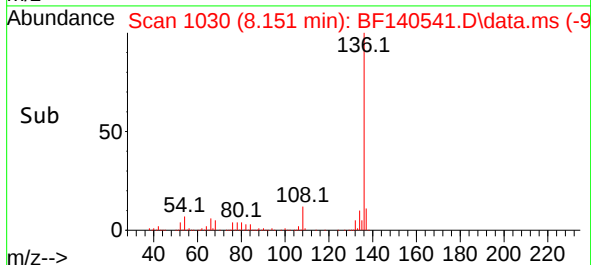
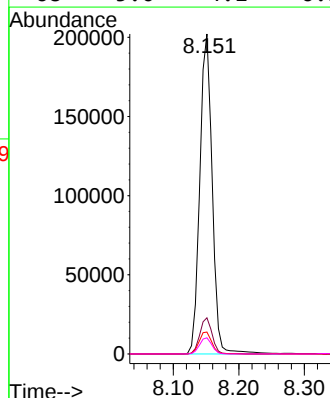
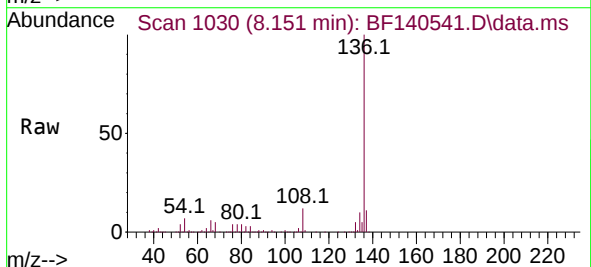
Instrument :
BNA_F
ClientSampleId :
MH-760

Tgt Ion: 99 Resp: 700142
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.3 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: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion: 136 Resp: 266752
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 6.9 5.8 8.8
68 5.0 4.1 6.1

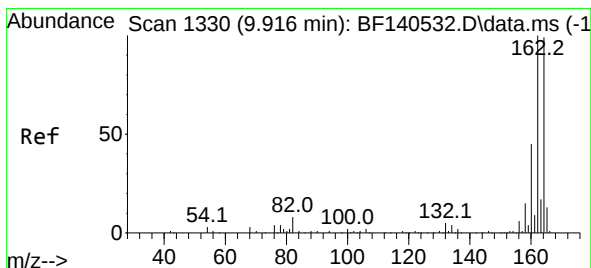
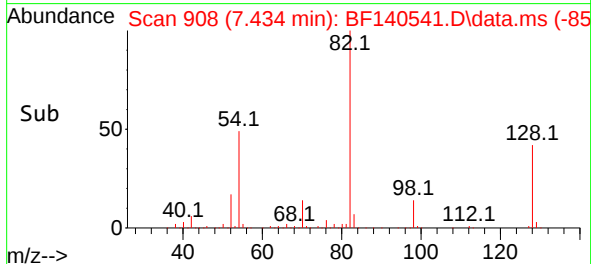
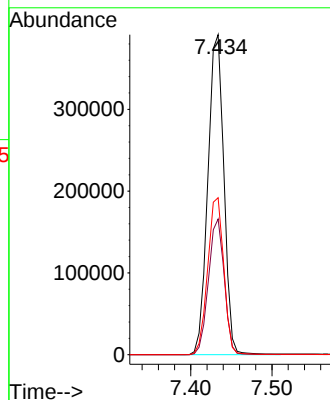
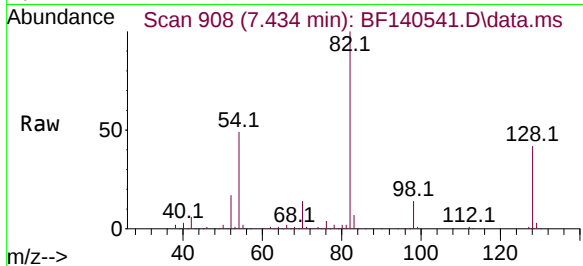




#23
 Nitrobenzene-d5
 Concen: 102.711 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140541.D
 Acq: 21 Nov 2024 17:55

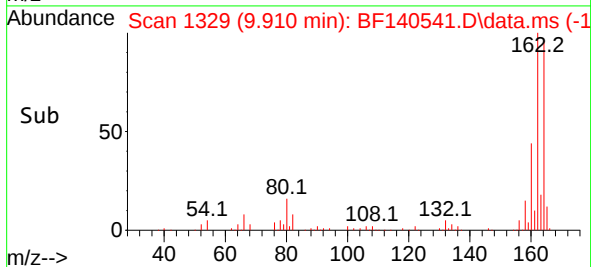
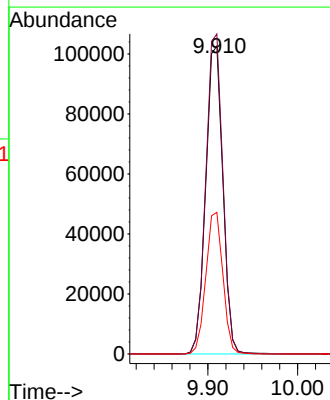
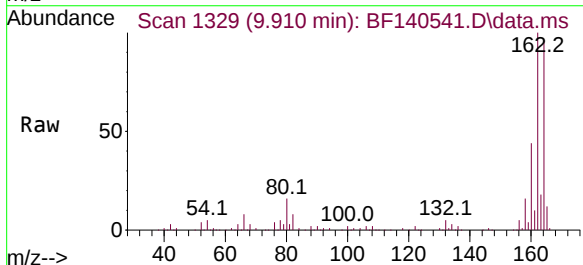
Instrument :
 BNA_F
 ClientSampleId :
 MH-760

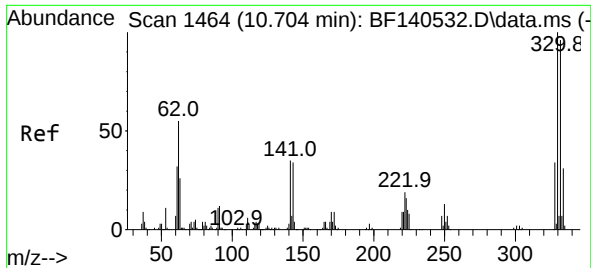
Tgt Ion: 82 Resp: 535642
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.0 49.4
 54 49.1 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140541.D
 Acq: 21 Nov 2024 17:55

Tgt Ion:164 Resp: 135839
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.6 120.8
 160 46.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 154.850 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140541.D

Acq: 21 Nov 2024 17:55

Instrument :

BNA_F

ClientSampleId :

MH-760

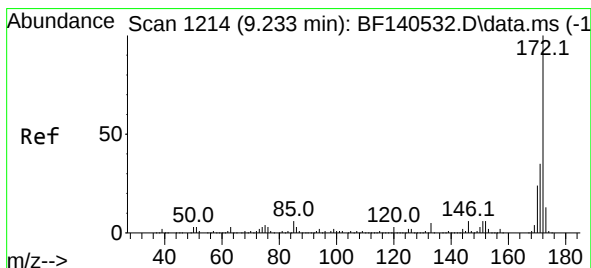
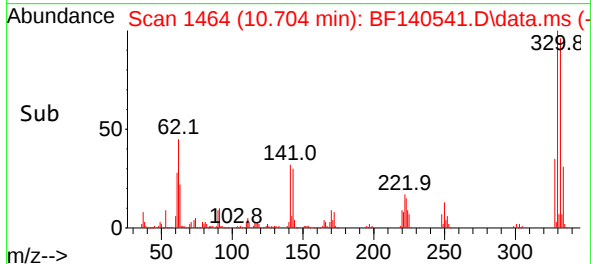
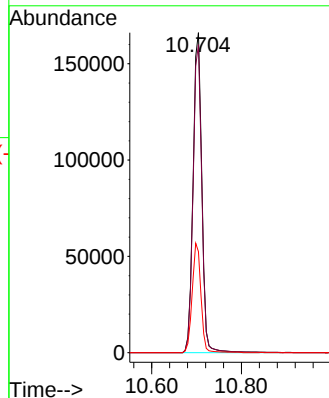
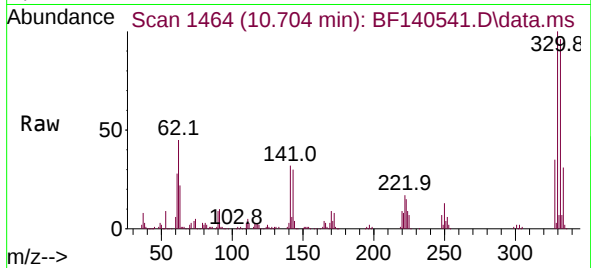
Tgt Ion:330 Resp: 224967

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

141 34.2 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 107.867 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140541.D

Acq: 21 Nov 2024 17:55

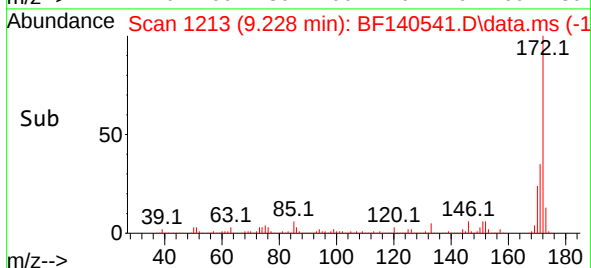
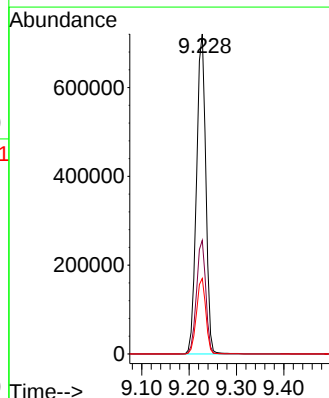
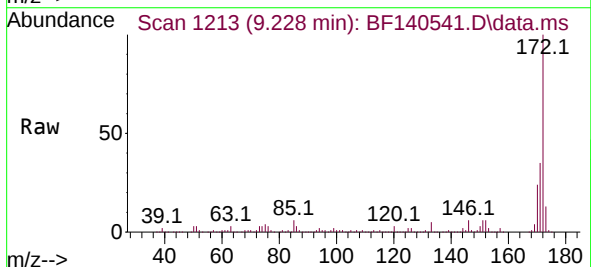
Tgt Ion:172 Resp: 983426

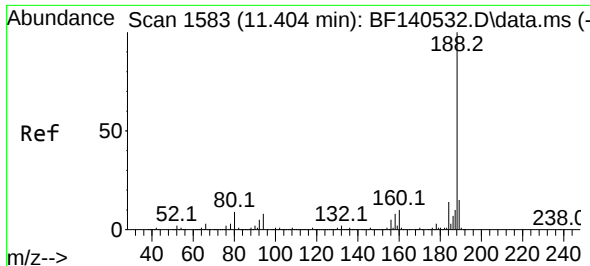
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 19.0 28.6

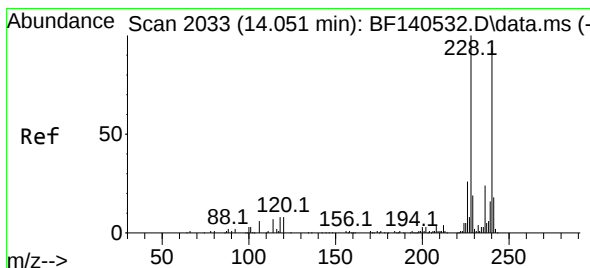
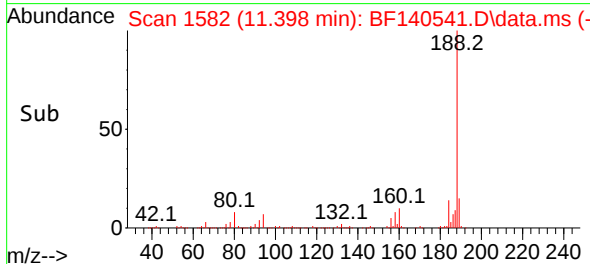
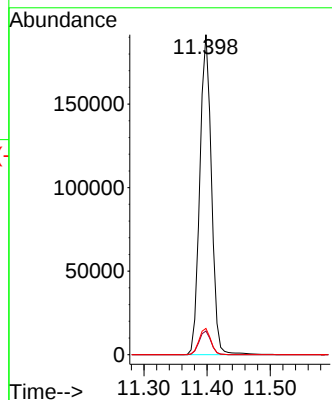
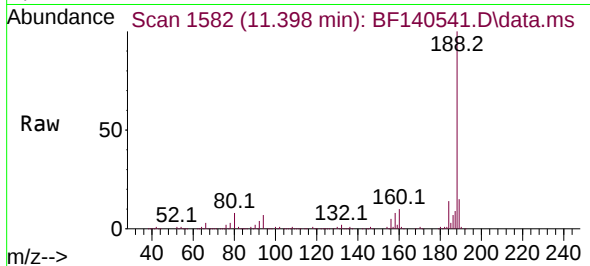




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

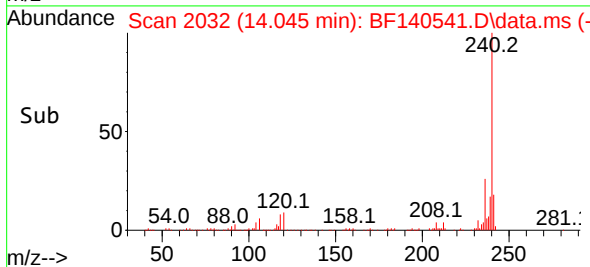
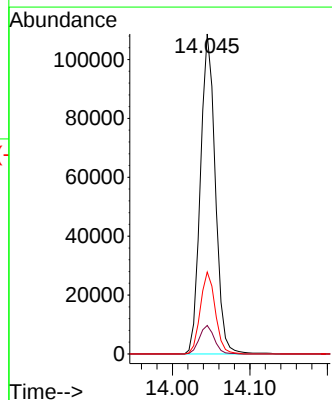
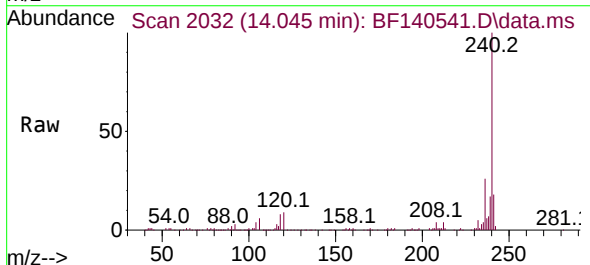
Instrument :
BNA_F
ClientSampleId :
MH-760

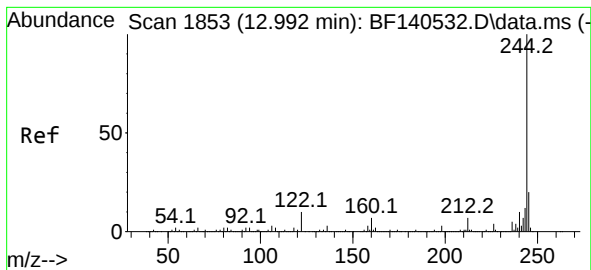
Tgt Ion:188 Resp: 244816
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:240 Resp: 145003
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 99.396 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140541.D

Acq: 21 Nov 2024 17:55

Instrument :

BNA_F

ClientSampleId :

MH-760

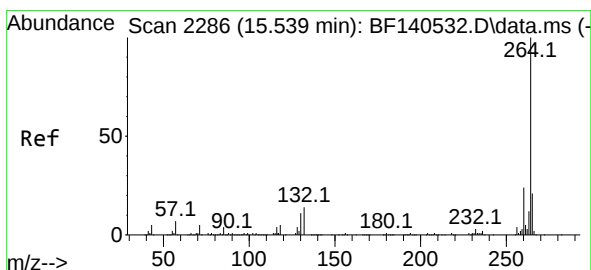
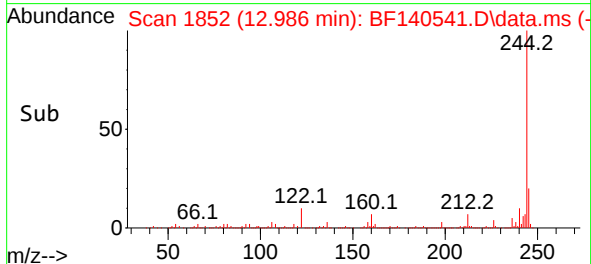
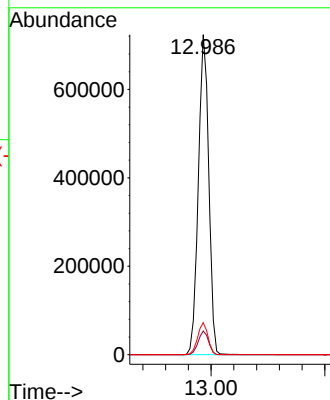
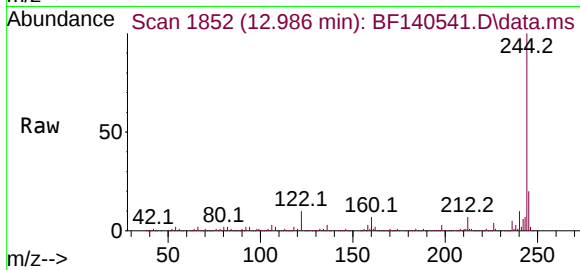
Tgt Ion:244 Resp: 925591

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.0 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: BF140541.D

Acq: 21 Nov 2024 17:55

Tgt Ion:264 Resp: 49927

Ion Ratio Lower Upper

264 100

260 27.4 19.0 28.6

265 22.3 16.6 25.0

