

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
Data File : BF140486.D
Acq On : 19 Nov 2024 20:47
Operator : RC/JU
Sample : P4768-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-6-3

Quant Time: Nov 20 00:12:06 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	6.875	152	127675	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	442278	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	205389	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	337964	20.000	ng	0.00
76) Chrysene-d12	14.045	240	204768	20.000	ng	0.00
86) Perylene-d12	15.533	264	163923	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	685410	91.659	ng	0.01
7) Phenol-d6	6.510	99	886378	87.490	ng	0.00
23) Nitrobenzene-d5	7.434	82	556589	65.569	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	174333	85.356	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	967159	75.698	ng	0.00
79) Terphenyl-d14	12.986	244	856499	72.604	ng	0.00

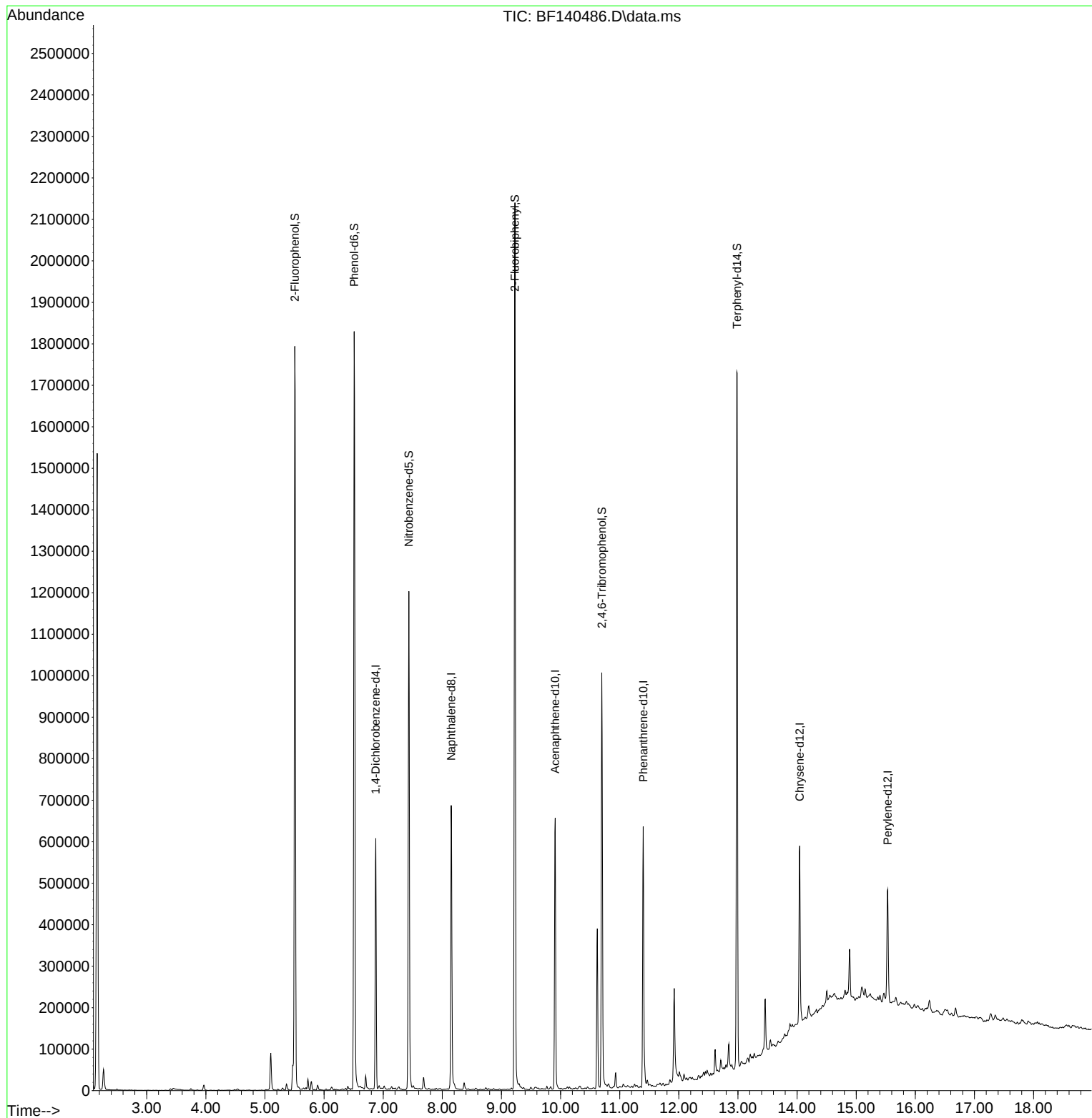
Target Compounds	Qvalue

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

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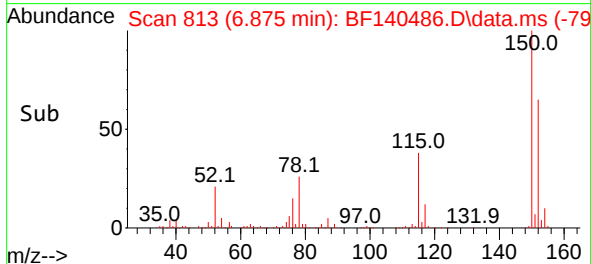
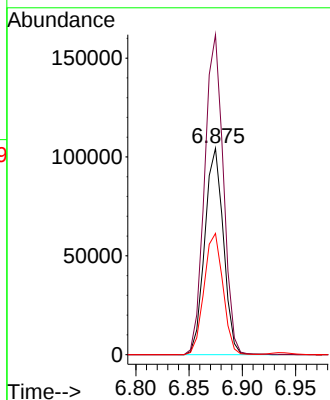
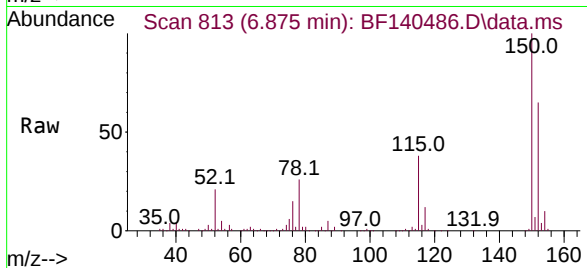




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

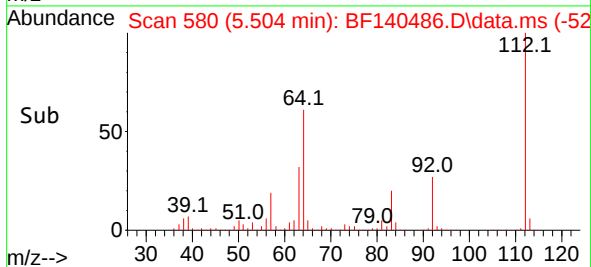
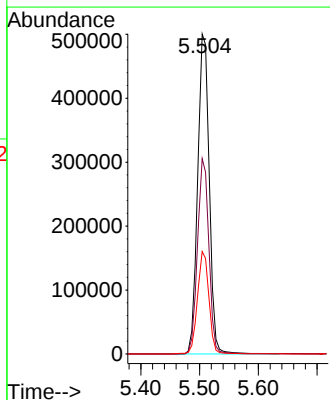
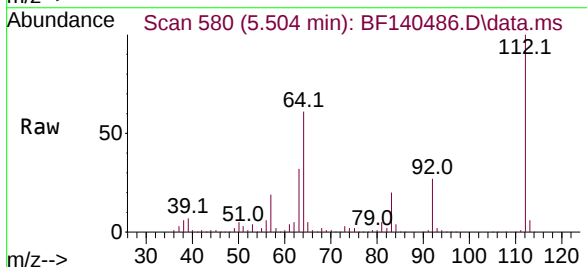
Instrument :
BNA_F
ClientSampleId :
B-6-3

Tgt Ion:152 Resp: 127675
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 58.7 47.4 71.2



#5
2-Fluorophenol
Concen: 91.659 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

Tgt Ion:112 Resp: 685410
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 32.0 25.6 38.4





#7

Phenol-d6

Concen: 87.490 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140486.D

Acq: 19 Nov 2024 20:47

Instrument :

BNA_F

ClientSampleId :

B-6-3

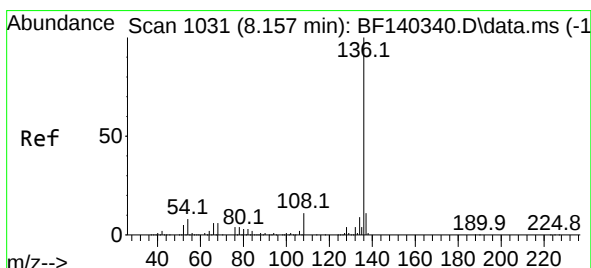
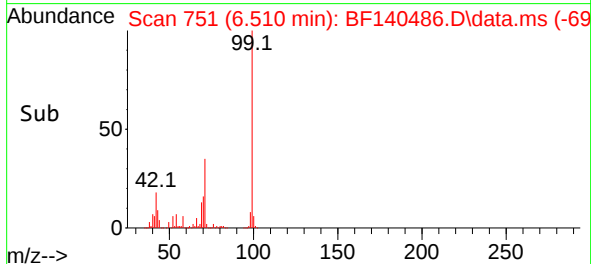
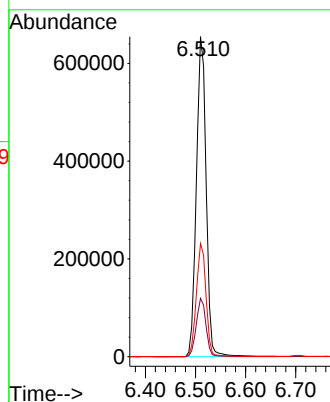
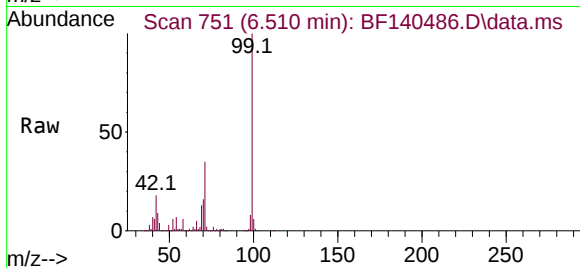
Tgt Ion: 99 Resp: 886378

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

71 35.4 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: BF140486.D

Acq: 19 Nov 2024 20:47

Tgt Ion: 136 Resp: 442278

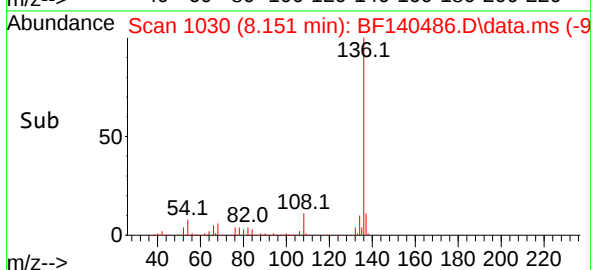
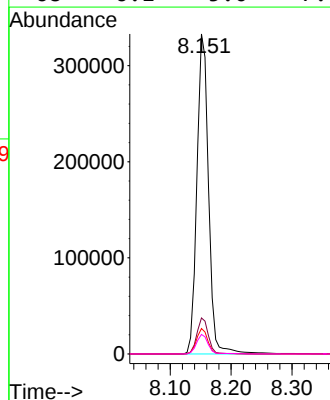
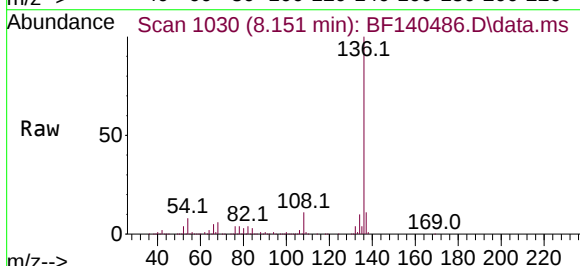
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.0 6.5 9.7

68 6.1 5.0 7.6

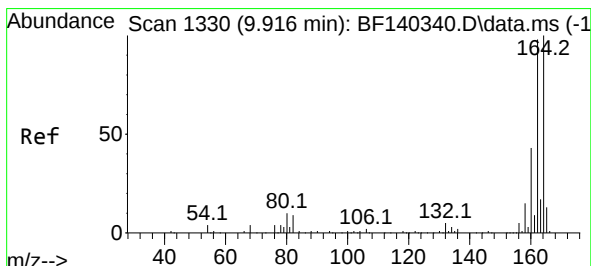
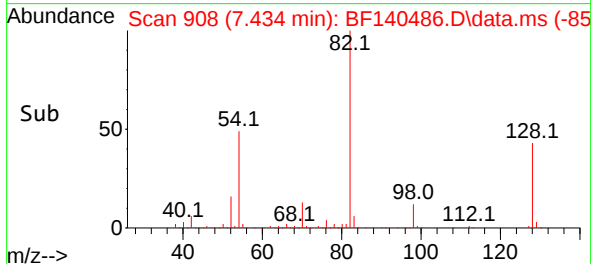
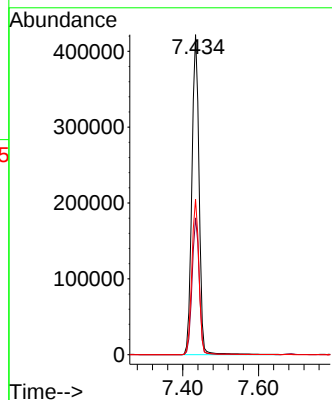
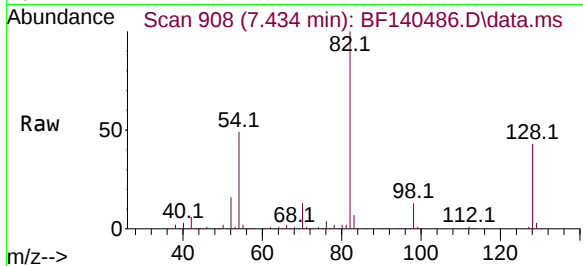




#23
 Nitrobenzene-d5
 Concen: 65.569 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

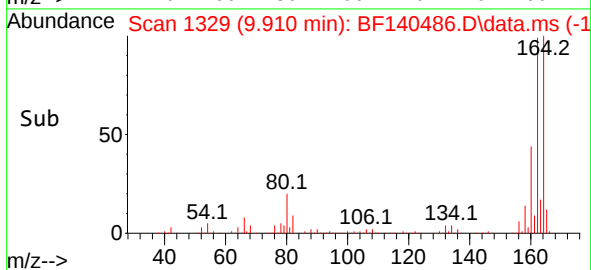
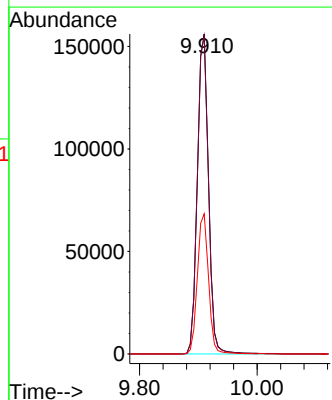
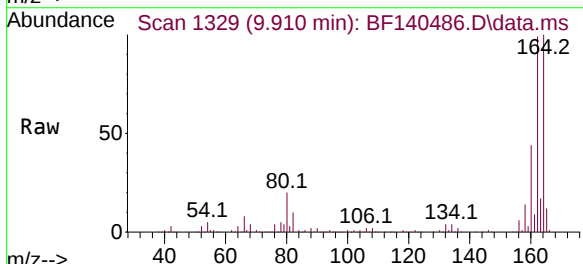
Instrument :
 BNA_F
 ClientSampleId :
 B-6-3

Tgt Ion: 82 Resp: 556589
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.3 49.9
 54 48.5 39.8 59.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

Tgt Ion:164 Resp: 205389
 Ion Ratio Lower Upper
 164 100
 162 99.3 79.8 119.8
 160 43.8 35.4 53.0

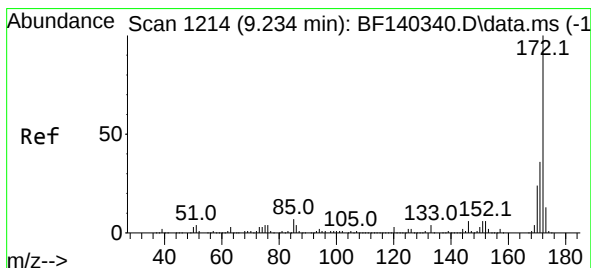
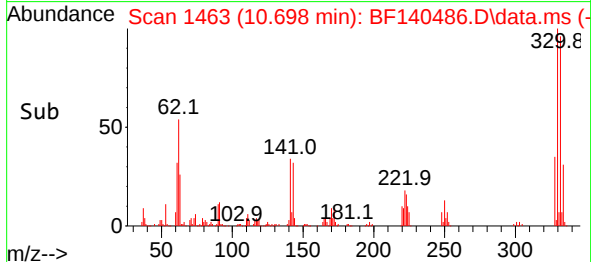
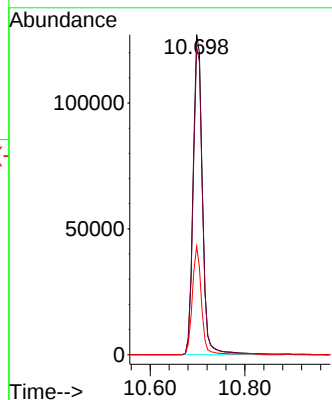
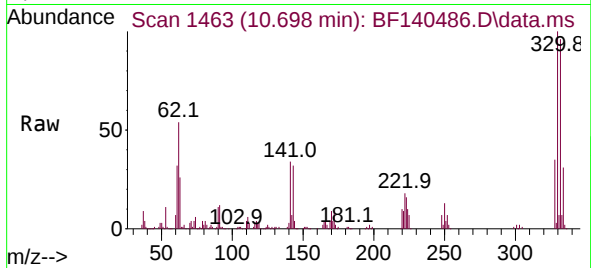




#42
 2,4,6-Tribromophenol
 Concen: 85.356 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

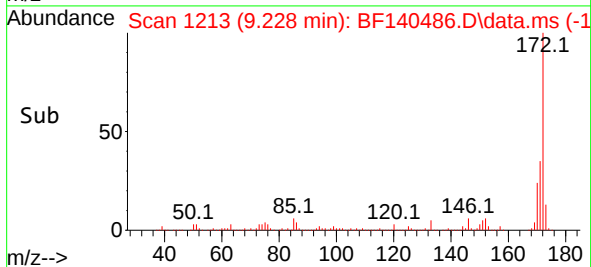
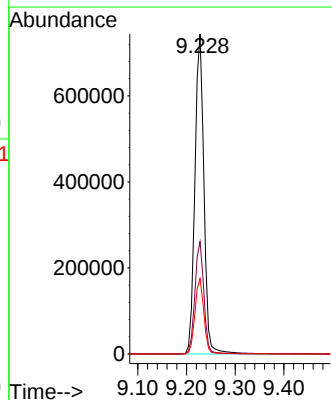
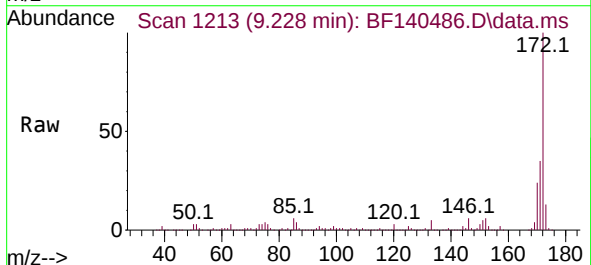
Instrument :
 BNA_F
 ClientSampleId :
 B-6-3

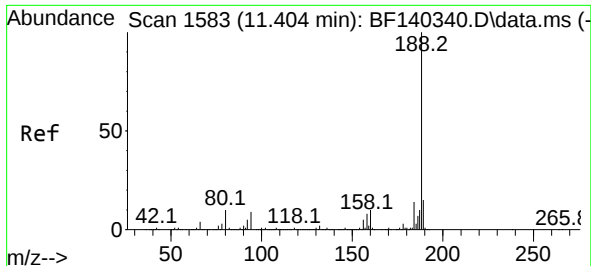
Tgt Ion: 330 Resp: 174333
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.9 113.9
 141 32.7 26.9 40.3



#45
 2-Fluorobiphenyl
 Concen: 75.698 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

Tgt Ion: 172 Resp: 967159
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.6 19.1 28.7

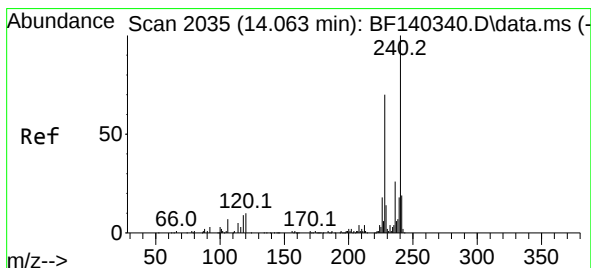
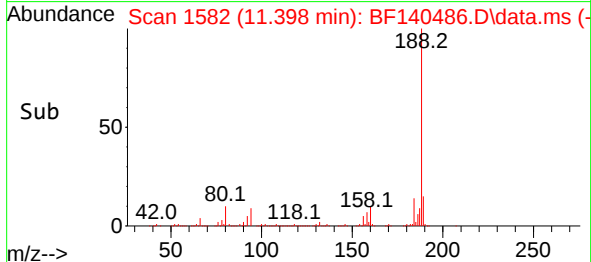
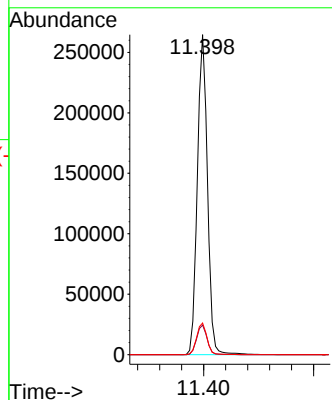
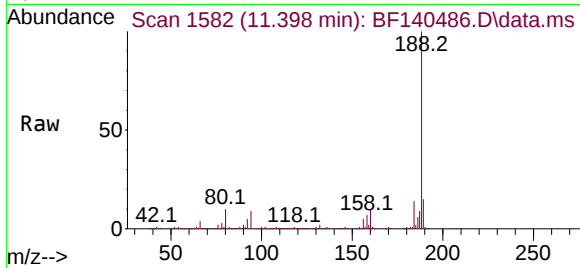




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

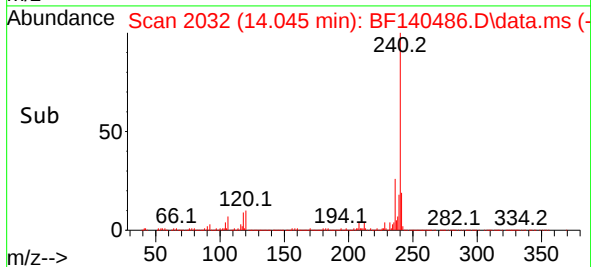
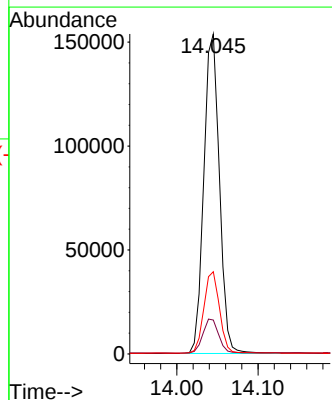
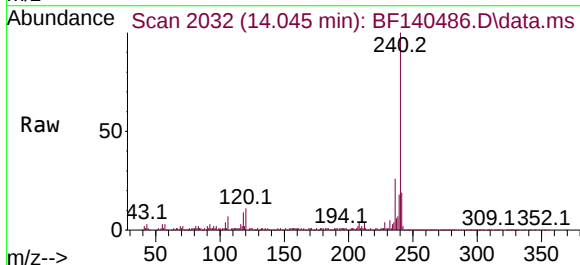
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B-6-3

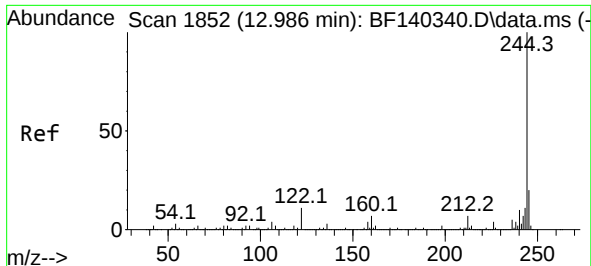
Tgt Ion:188 Resp: 337964
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140486.D
Acq: 19 Nov 2024 20:47

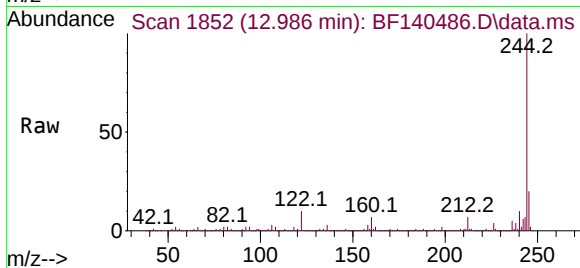
Tgt Ion:240 Resp: 204768
Ion Ratio Lower Upper
240 100
120 10.6 8.8 13.2
236 25.7 20.9 31.3



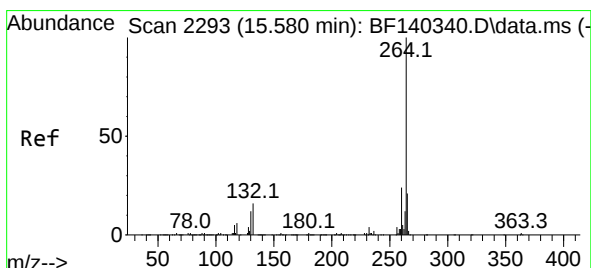
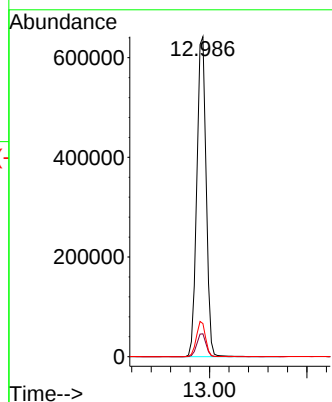
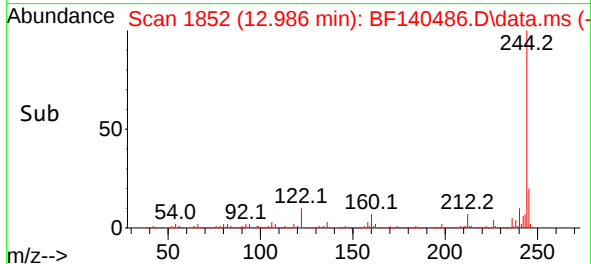


#79
 Terphenyl-d14
 Concen: 72.604 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

Instrument :
 BNA_F
 ClientSampleId :
 B-6-3



Tgt Ion:244 Resp: 856499
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140486.D
 Acq: 19 Nov 2024 20:47

Tgt Ion:264 Resp: 163923
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.1 17.1 25.7

