

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142555.D
 Acq On : 27 May 2025 11:42
 Operator : RC/JU
 Sample : PB168143BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168143BL

Quant Time: May 27 12:26:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	109703	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	422020	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	239387	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	439419	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	295396	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	234182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	815573	125.251	ng	0.00
7) Phenol-d6	6.522	99	988856	126.157	ng	-0.01
23) Nitrobenzene-d5	7.457	82	606800	78.404	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	353739	133.140	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1309789	73.419	ng	-0.01
79) Terphenyl-d14	13.016	244	1502475	69.507	ng	0.00

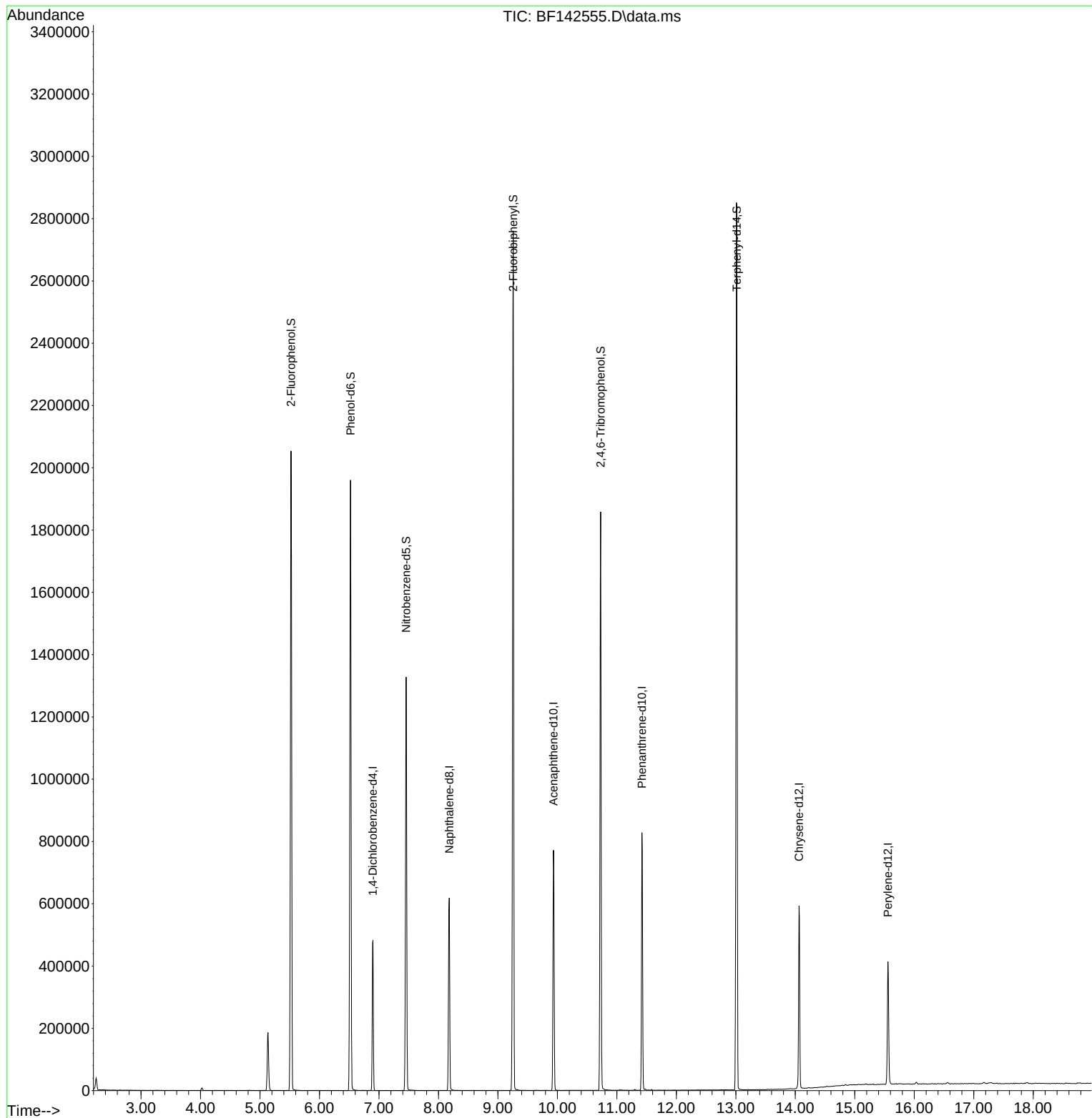
Target Compounds	Qvalue

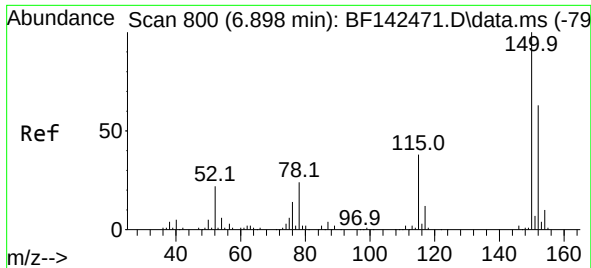
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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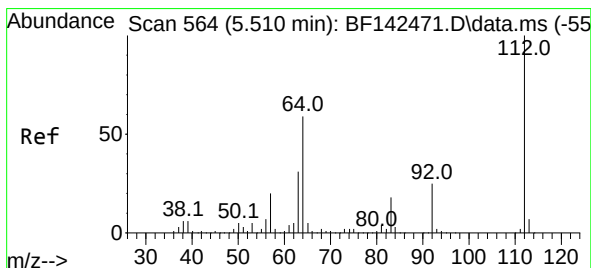
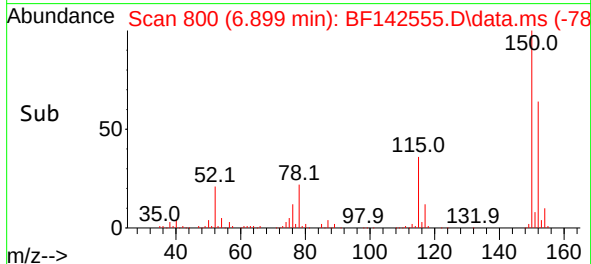
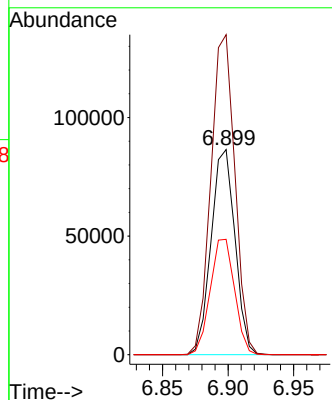
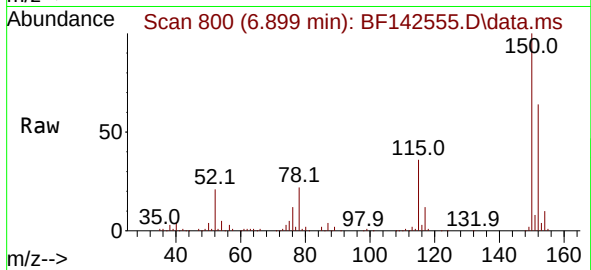




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.899 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

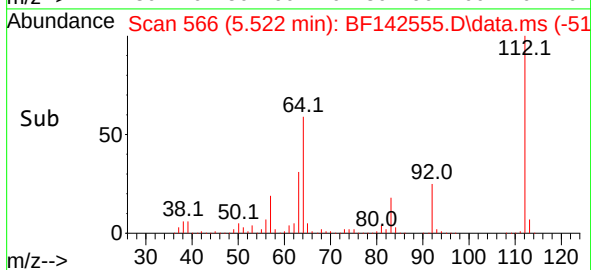
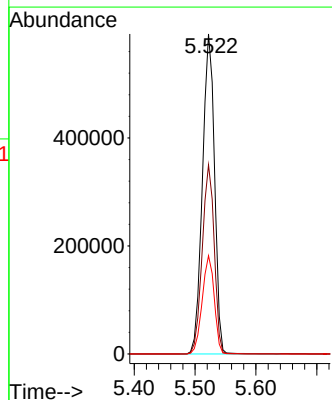
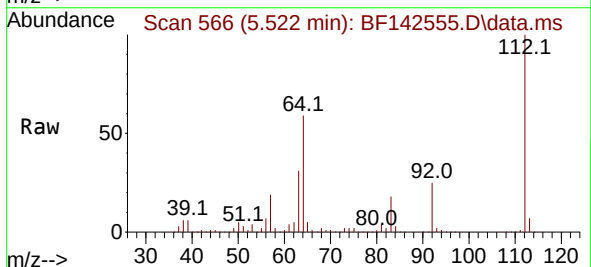
Instrument :
BNA_F
ClientSampleId :
PB168143BL

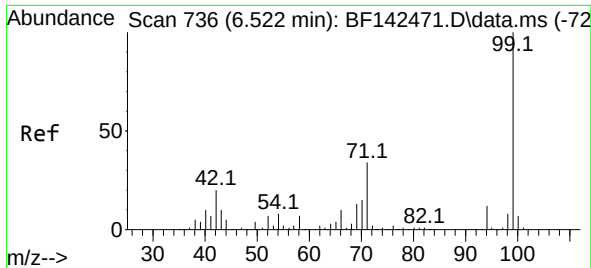
Tgt Ion:152 Resp: 109703
Ion Ratio Lower Upper
152 100
150 156.0 128.2 192.4
115 56.2 48.3 72.5



#5
2-Fluorophenol
Concen: 125.251 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Tgt Ion:112 Resp: 815573
Ion Ratio Lower Upper
112 100
64 59.1 47.5 71.3
63 30.7 24.9 37.3

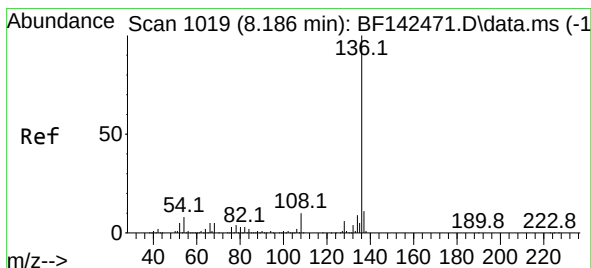
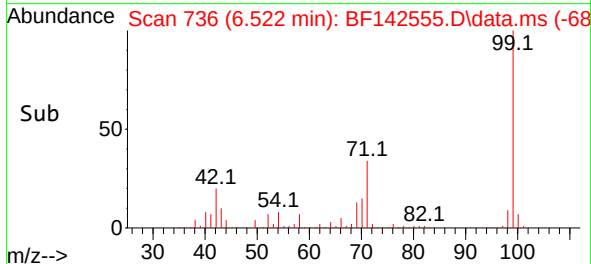
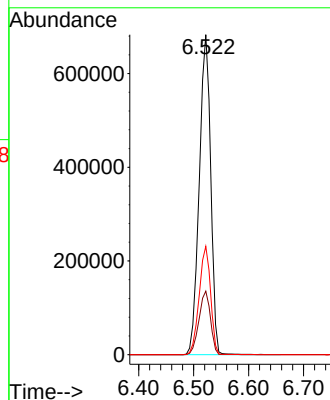
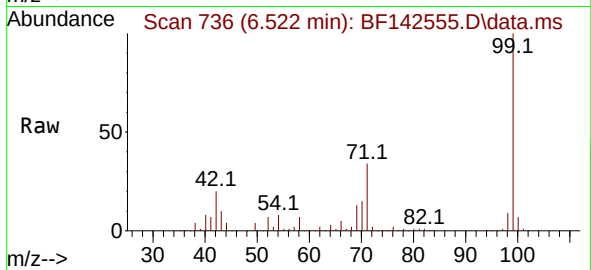




#7
Phenol-d6
Concen: 126.157 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

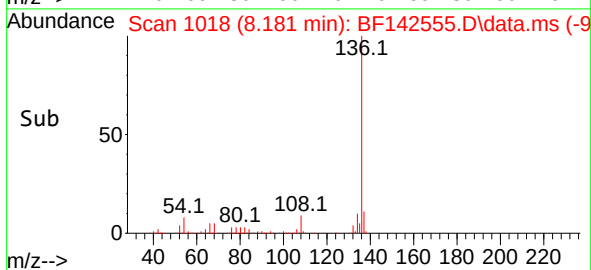
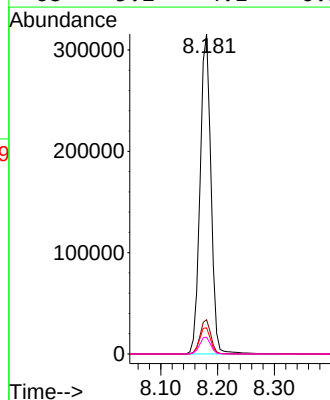
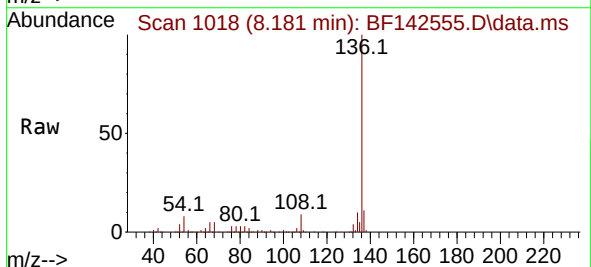
Instrument :
BNA_F
ClientSampleId :
PB168143BL

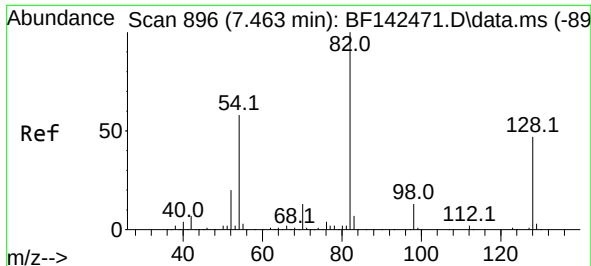
Tgt Ion: 99 Resp: 988856
Ion Ratio Lower Upper
99 100
42 19.8 16.2 24.2
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Tgt Ion: 136 Resp: 422020
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.404 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

Instrument :

BNA_F

ClientSampleId :

PB168143BL

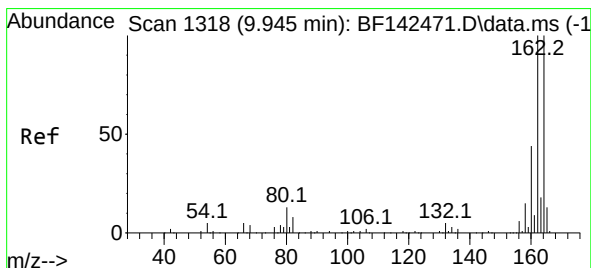
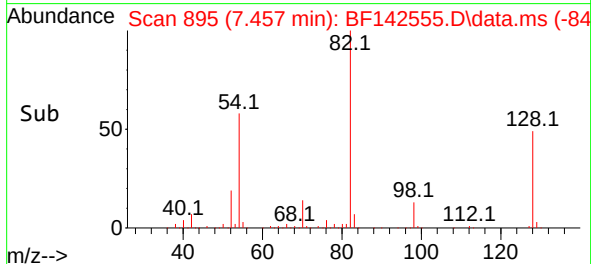
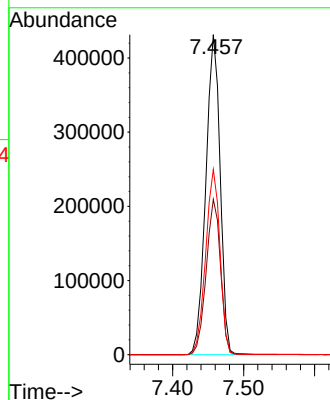
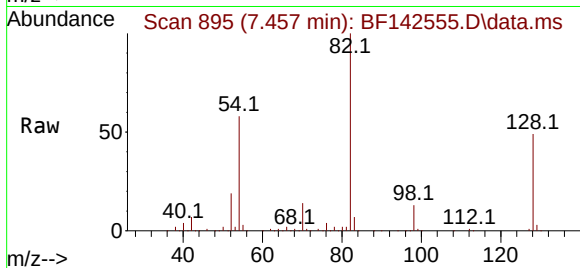
Tgt Ion: 82 Resp: 606800

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

54 57.9 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.011 min

Lab File: BF142555.D

Acq: 27 May 2025 11:42

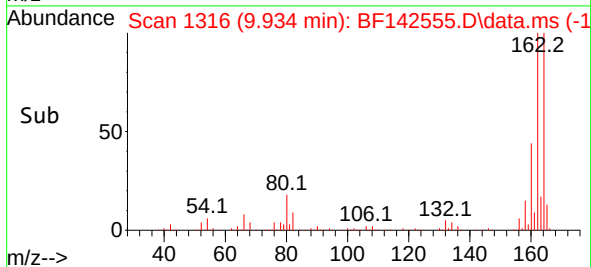
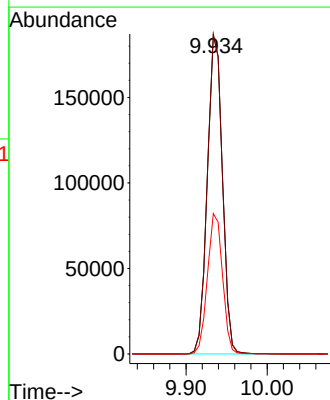
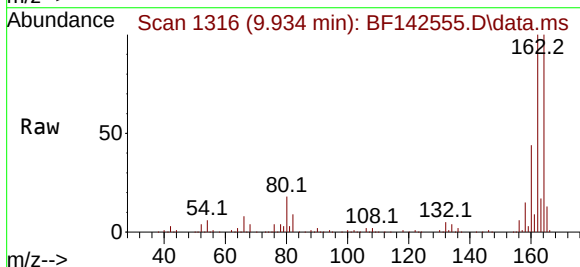
Tgt Ion:164 Resp: 239387

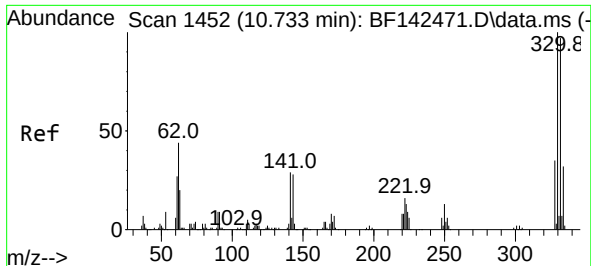
Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.4

160 44.1 35.6 53.4

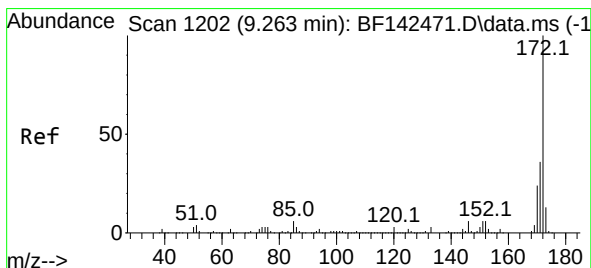
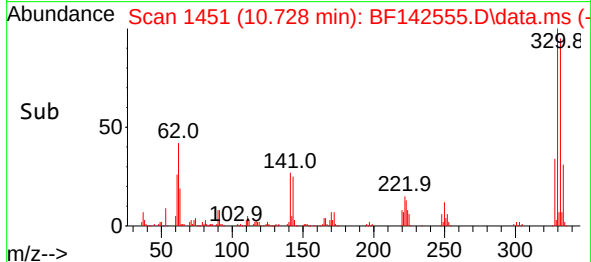
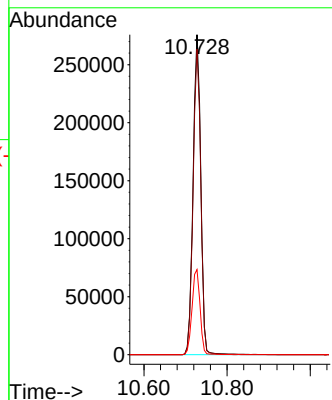
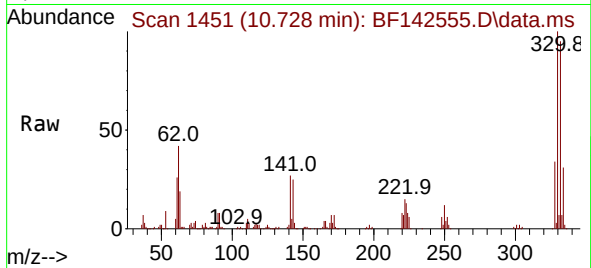




#42
2,4,6-Tribromophenol
Concen: 133.140 ng
RT: 10.728 min Scan# 1452
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

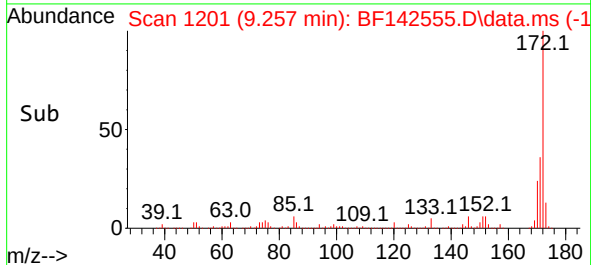
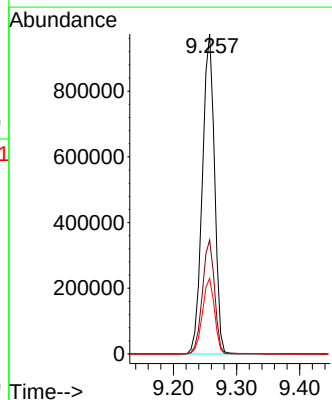
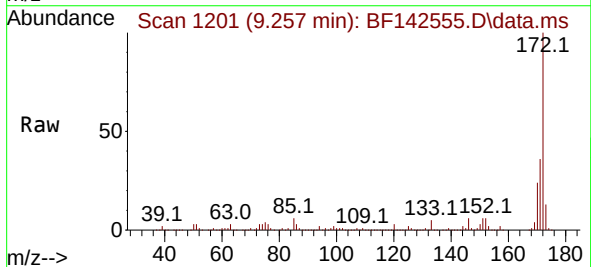
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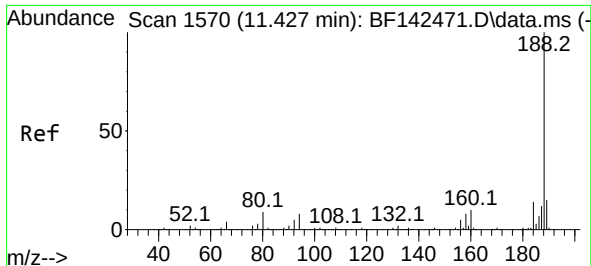
Tgt Ion:330 Resp: 353739
Ion Ratio Lower Upper
330 100
332 95.3 77.6 116.4
141 27.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.419 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

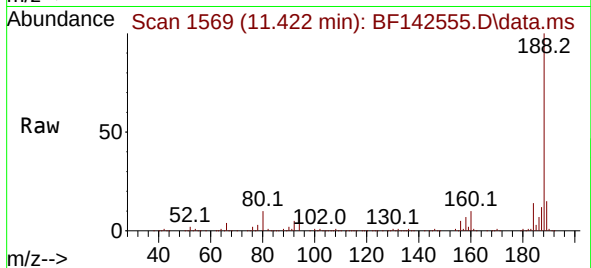
Tgt Ion:172 Resp: 1309789
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.6 18.9 28.3



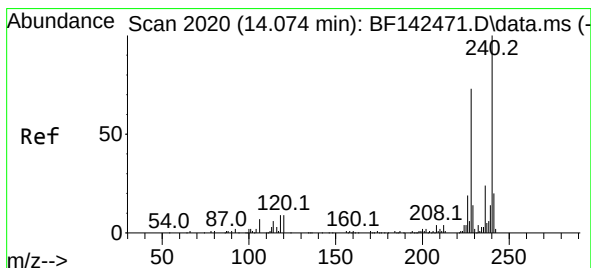
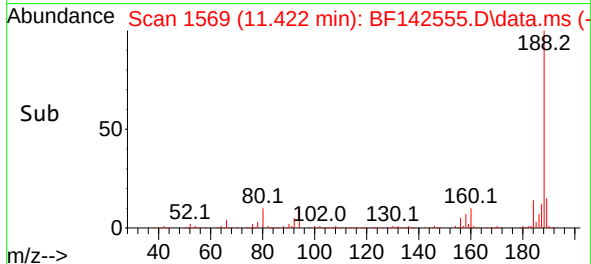
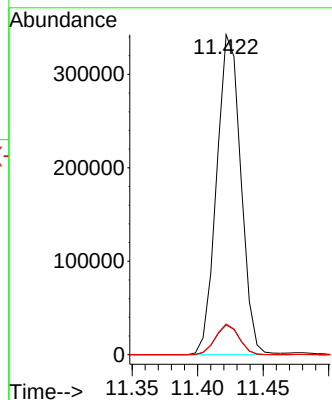


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Instrument :
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PB168143BL

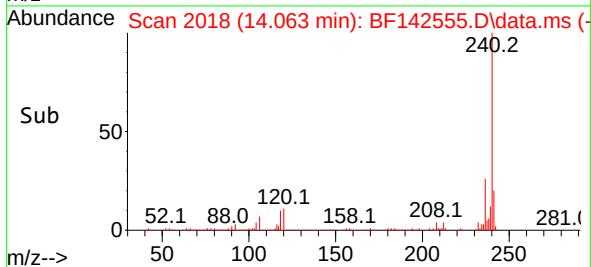
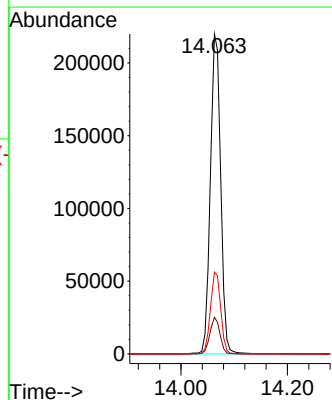
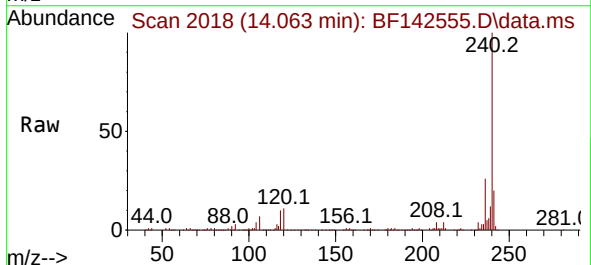


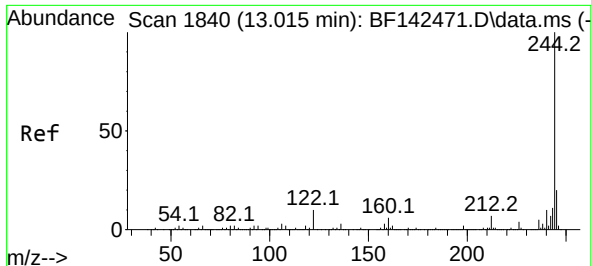
Tgt Ion:188 Resp: 439419
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 9.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF142555.D
Acq: 27 May 2025 11:42

Tgt Ion:240 Resp: 295396
Ion Ratio Lower Upper
240 100
120 11.4 7.5 11.3#
236 25.6 19.6 29.4

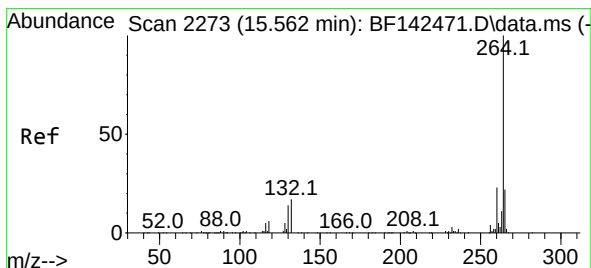
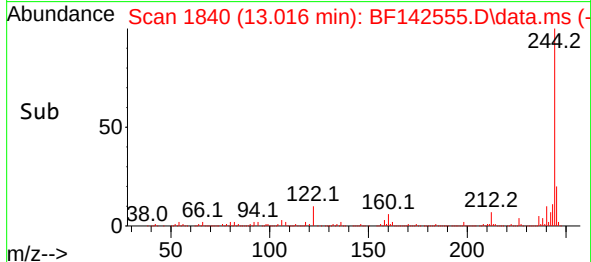
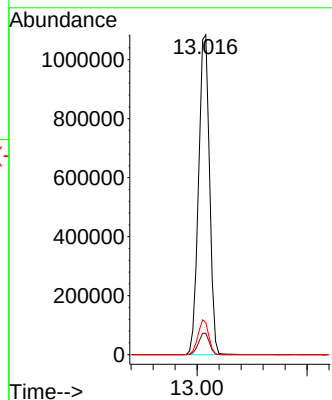
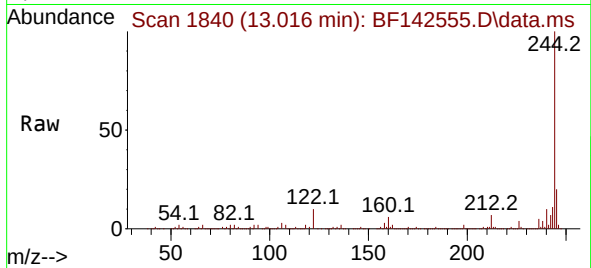




#79
 Terphenyl-d14
 Concen: 69.507 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF142555.D
 Acq: 27 May 2025 11:42

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1502475
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.3 7.9
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.011 min
 Lab File: BF142555.D
 Acq: 27 May 2025 11:42

Tgt Ion:264 Resp: 234182
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 20.8 17.7 26.5

