

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142632.D
 Acq On : 05 Jun 2025 14:07
 Operator : RC/JU
 Sample : Q2194-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Quant Time: Jun 05 14:37:10 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	6.893	152	119302	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	439519	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	204205	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	288478	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	235800	20.000	ng	-0.01
86) Perylene-d12	15.557	264	272417	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	529128	74.722	ng	0.00
7) Phenol-d6	6.516	99	628728	73.758	ng	-0.02
23) Nitrobenzene-d5	7.451	82	376069	46.657	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	148437	65.494	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	653368	42.934	ng	-0.02
79) Terphenyl-d14	13.010	244	495708	28.728	ng	0.00

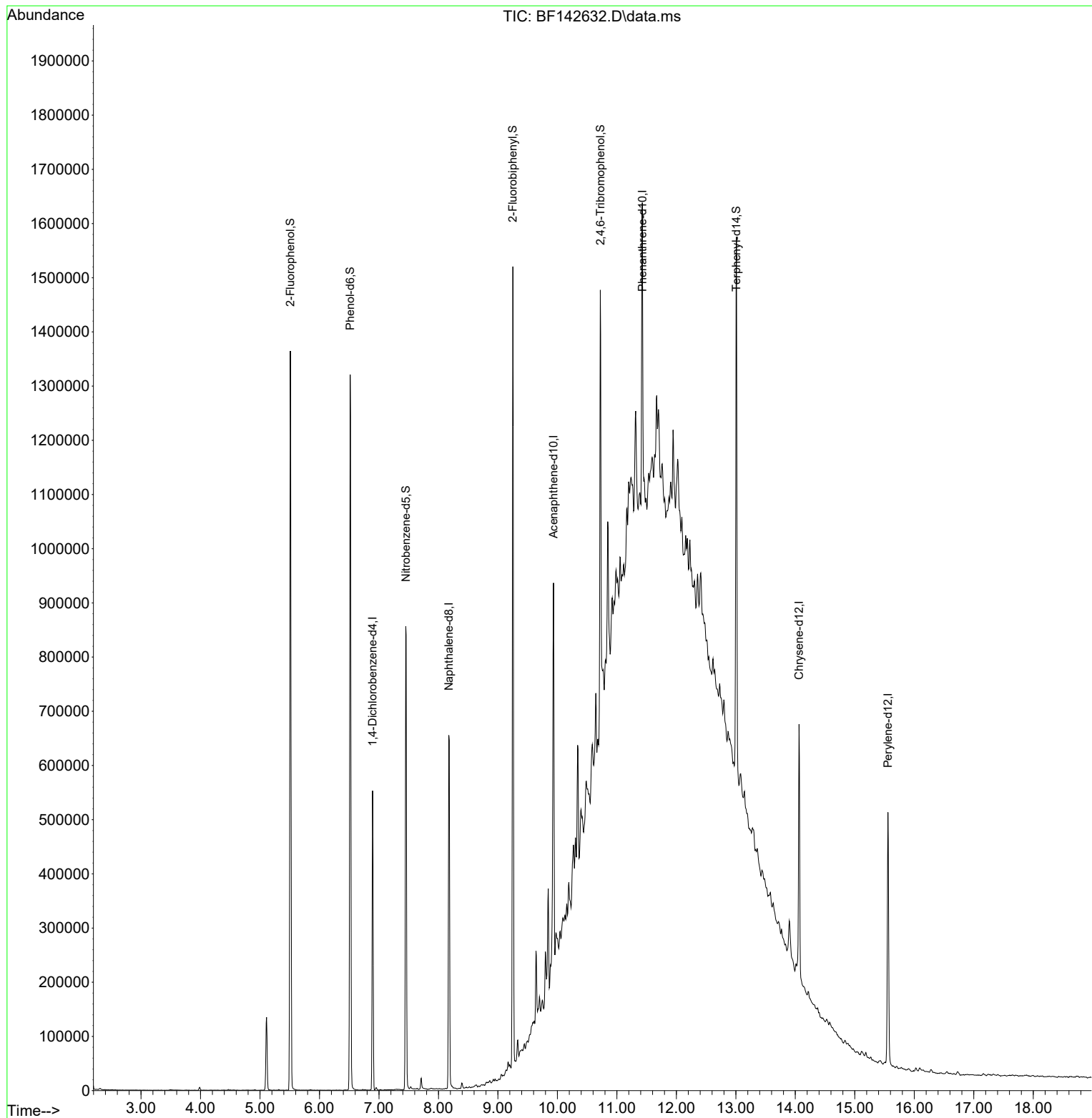
Target Compounds	Qvalue

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

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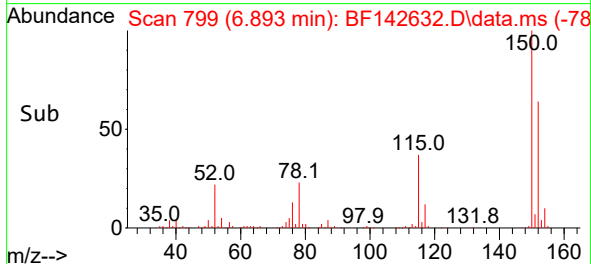
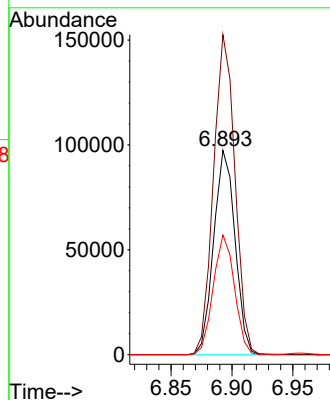
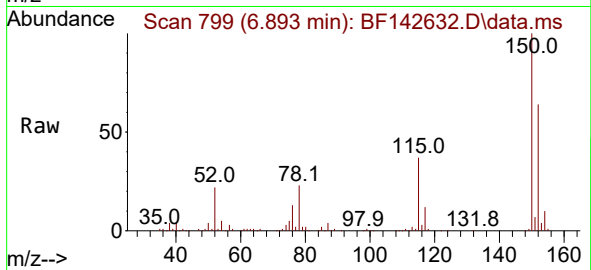




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

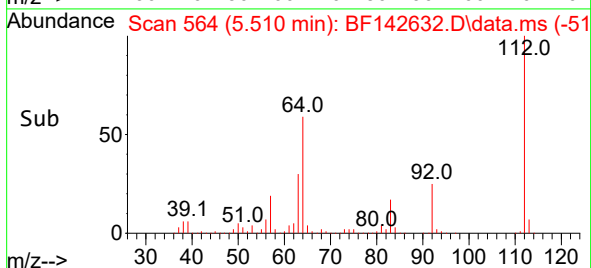
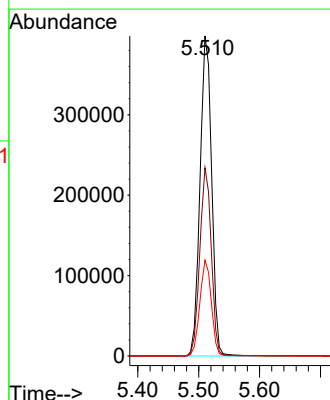
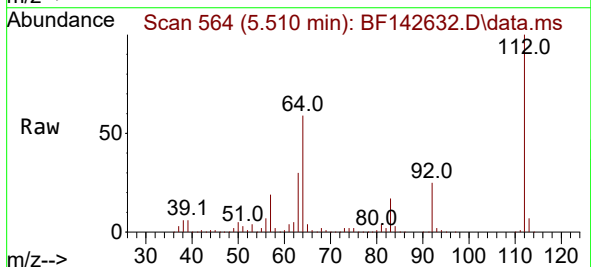
Instrument :
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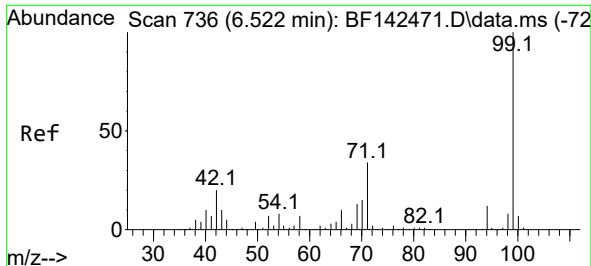
Tgt Ion:152 Resp: 119302
Ion Ratio Lower Upper
152 100
150 156.6 128.2 192.4
115 58.6 48.3 72.5



#5
2-Fluorophenol
Concen: 74.722 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion:112 Resp: 529128
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 29.9 24.9 37.3

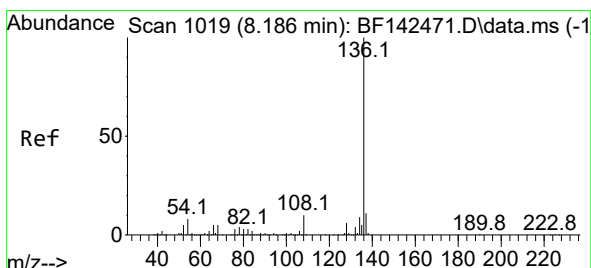
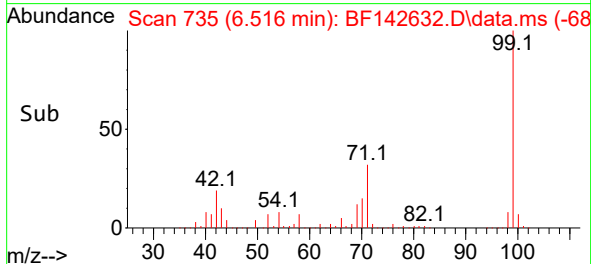
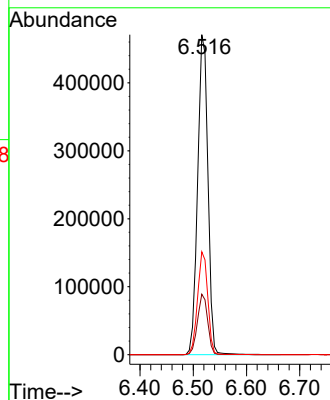
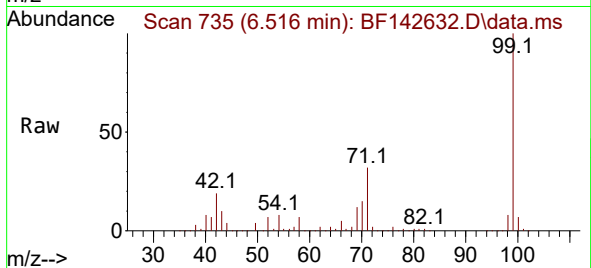




#7
Phenol-d6
Concen: 73.758 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

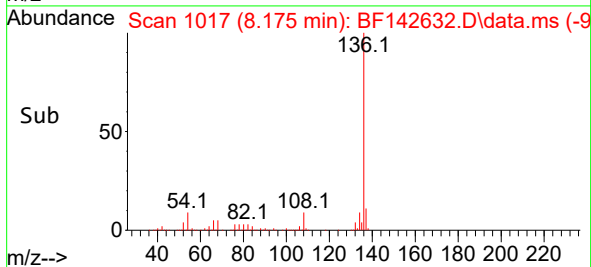
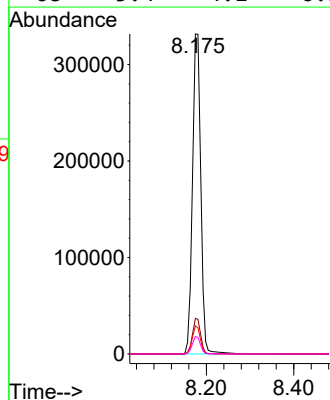
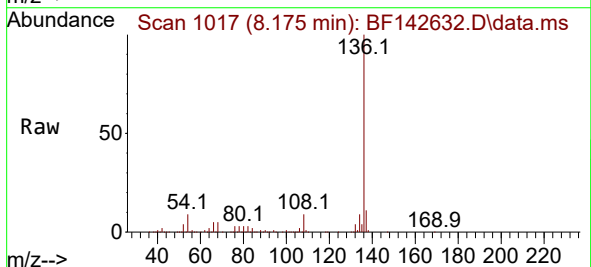
Instrument :
BNA_F
ClientSampleId :
COMP-12

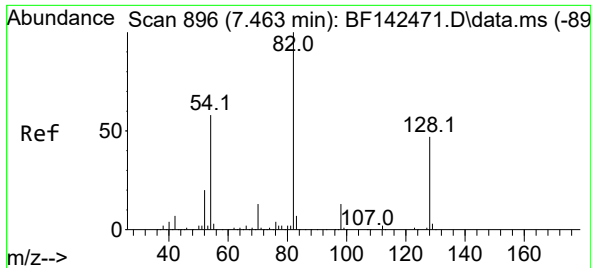
Tgt Ion: 99 Resp: 628728
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion: 136 Resp: 439519
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 6.6 10.0
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 46.657 ng

RT: 7.451 min Scan# 896

Delta R.T. -0.023 min

Lab File: BF142632.D

Acq: 05 Jun 2025 14:07

Instrument :

BNA_F

ClientSampleId :

COMP-12

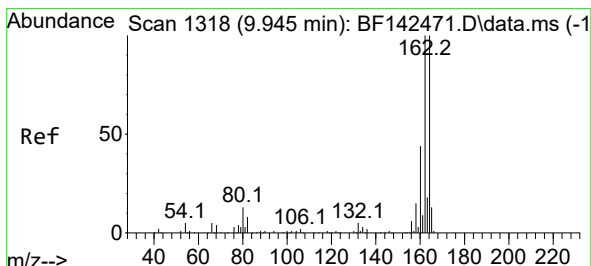
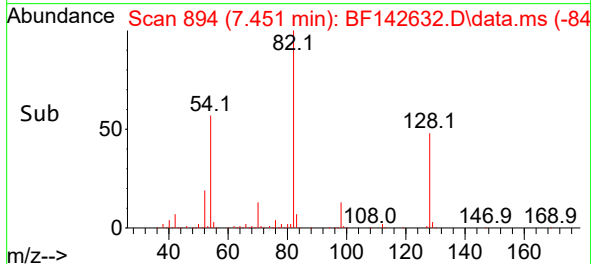
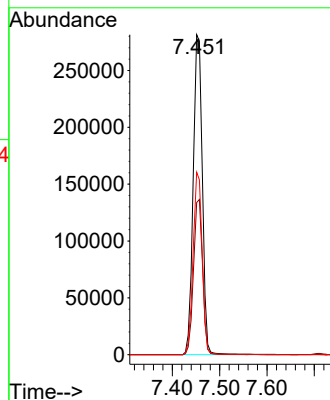
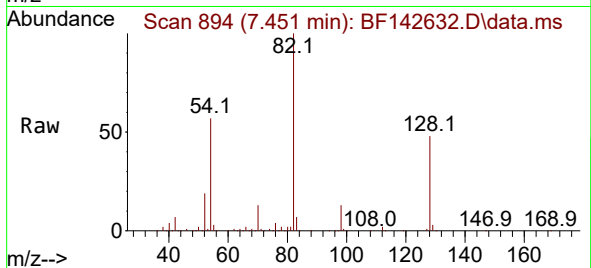
Tgt Ion: 82 Resp: 376069

Ion Ratio Lower Upper

82 100

128 47.5 37.4 56.2

54 57.0 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142632.D

Acq: 05 Jun 2025 14:07

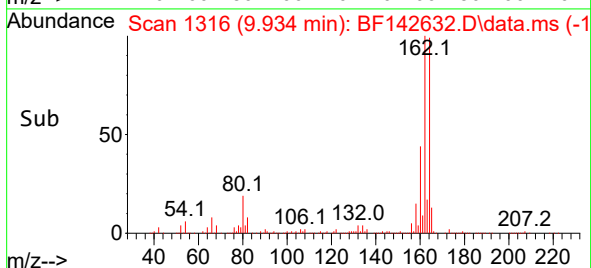
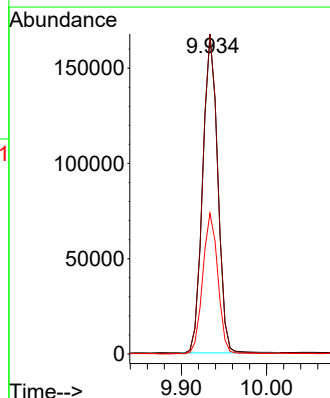
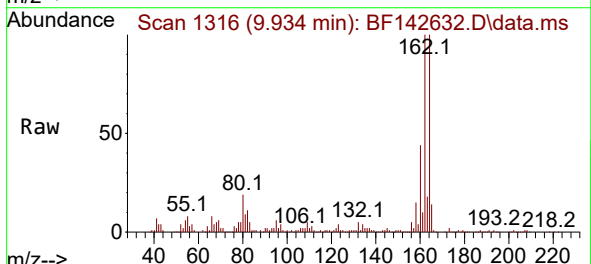
Tgt Ion: 164 Resp: 204205

Ion Ratio Lower Upper

164 100

162 100.4 80.2 120.4

160 44.1 35.6 53.4

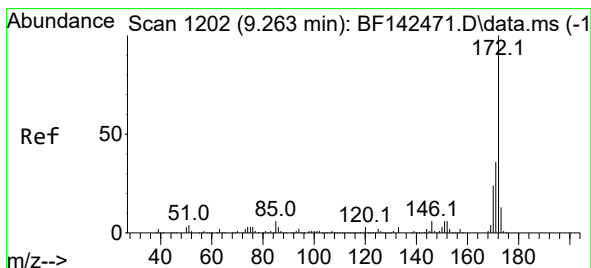
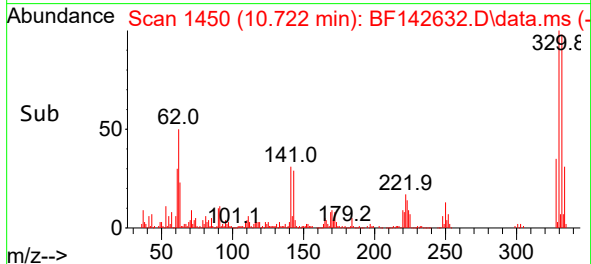
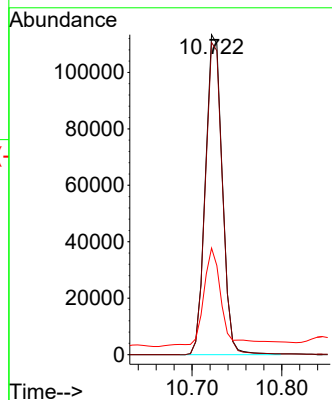
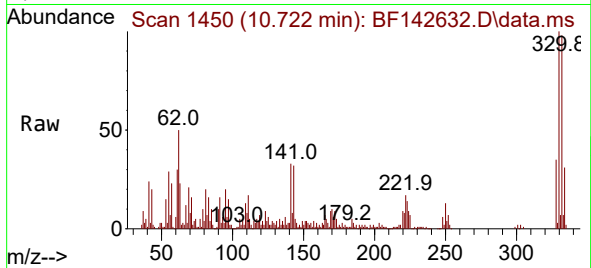




#42
2,4,6-Tribromophenol
Concen: 65.494 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

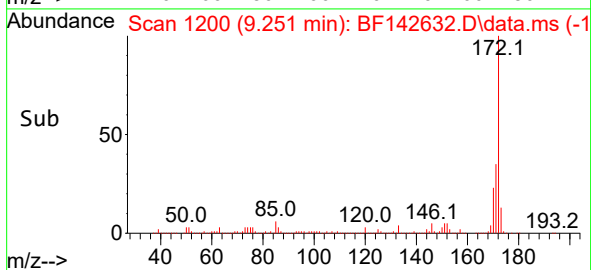
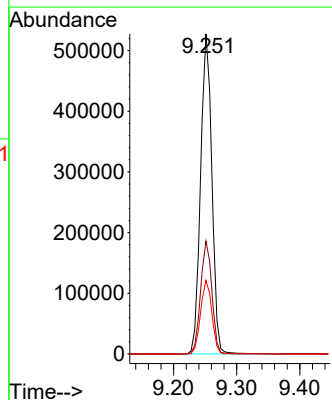
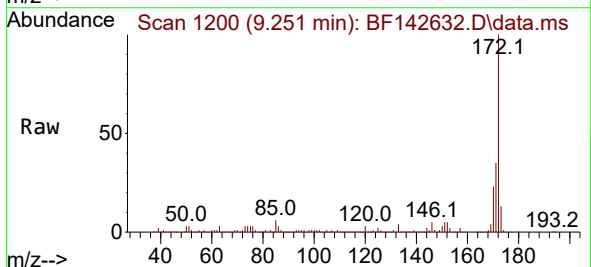
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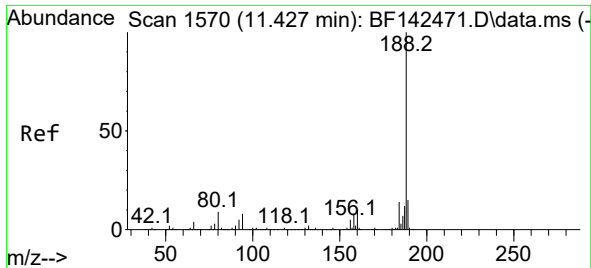
Tgt Ion: 330 Resp: 148437
Ion Ratio Lower Upper
330 100
332 98.3 77.6 116.4
141 35.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 42.934 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion: 172 Resp: 653368
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.0 18.9 28.3

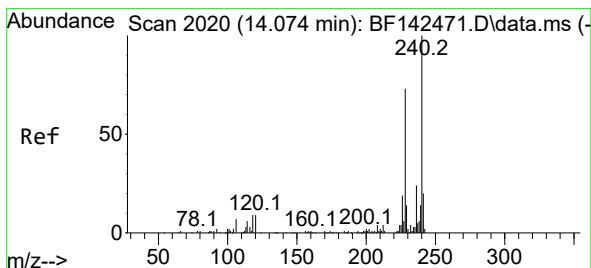
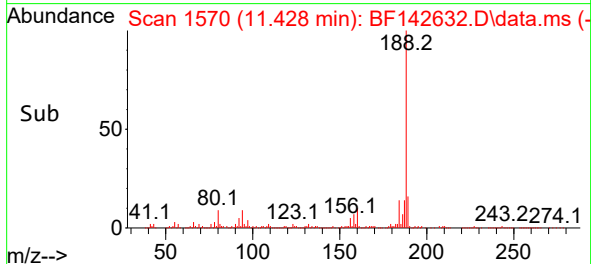
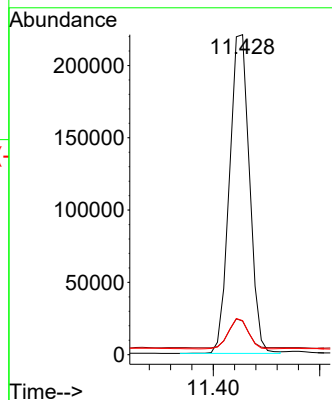
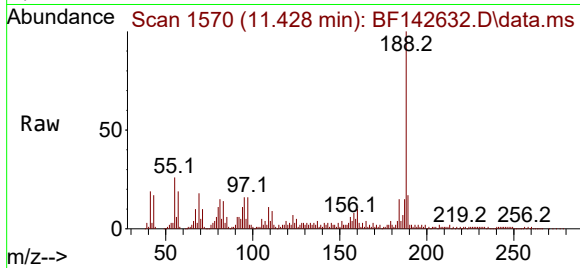




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

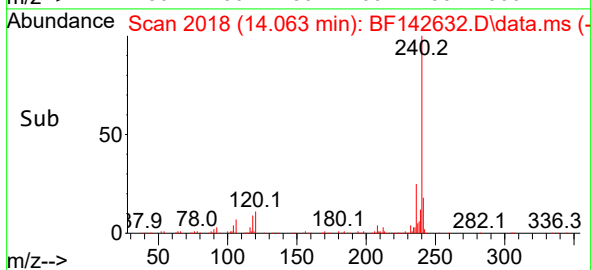
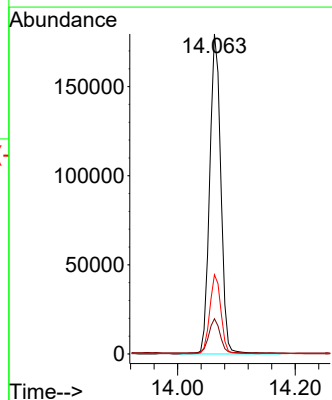
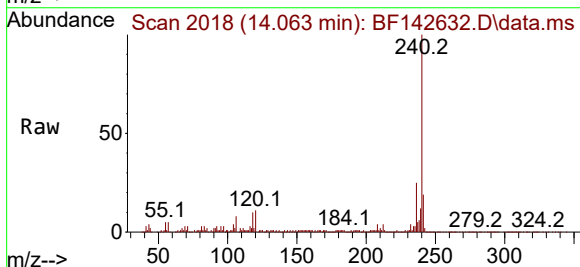
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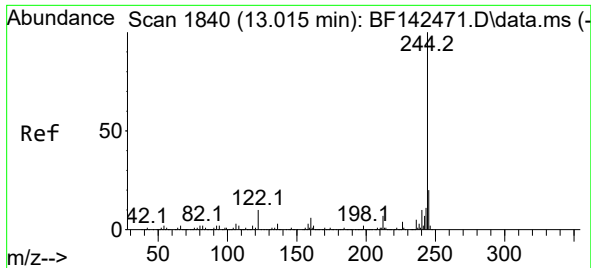
Tgt Ion:188 Resp: 288478
Ion Ratio Lower Upper
188 100
94 10.5 6.6 10.0#
80 10.7 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion:240 Resp: 235800
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 24.7 19.6 29.4

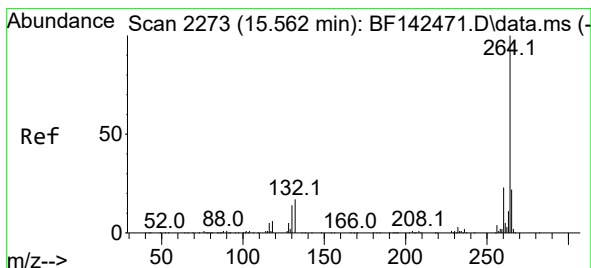
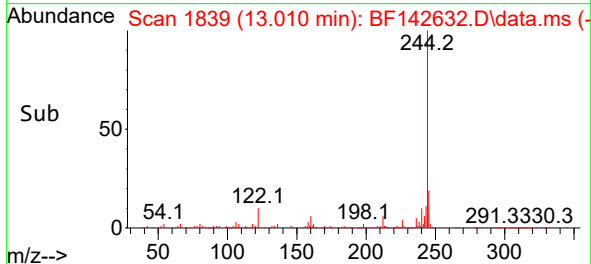
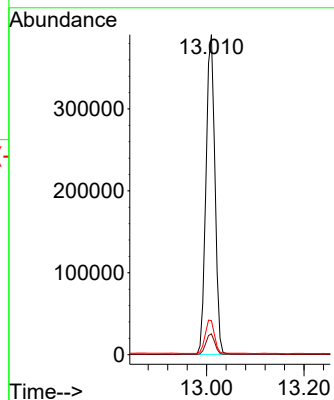
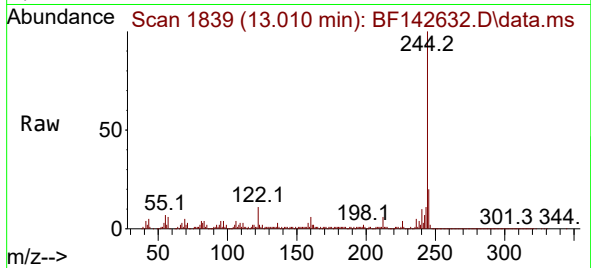




#79
Terphenyl-d14
Concen: 28.728 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Instrument :
BNA_F
ClientSampleId :
COMP-12

Tgt Ion:244 Resp: 495708
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 10.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion:264 Resp: 272417
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.0 17.7 26.5

