

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142631.D
 Acq On : 05 Jun 2025 13:37
 Operator : RC/JU
 Sample : Q2185-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP01-MHA-WC

Quant Time: Jun 05 14:04:29 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	120388	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	451514	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	228250	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	341377	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	228587	20.000	ng	-0.01
86) Perylene-d12	15.557	264	269245	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	622807	87.158	ng	0.00
7) Phenol-d6	6.522	99	759116	88.251	ng	-0.01
23) Nitrobenzene-d5	7.457	82	467795	56.495	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	199857	78.892	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	961636	56.534	ng	-0.02
79) Terphenyl-d14	13.004	244	739639	44.217	ng	-0.01

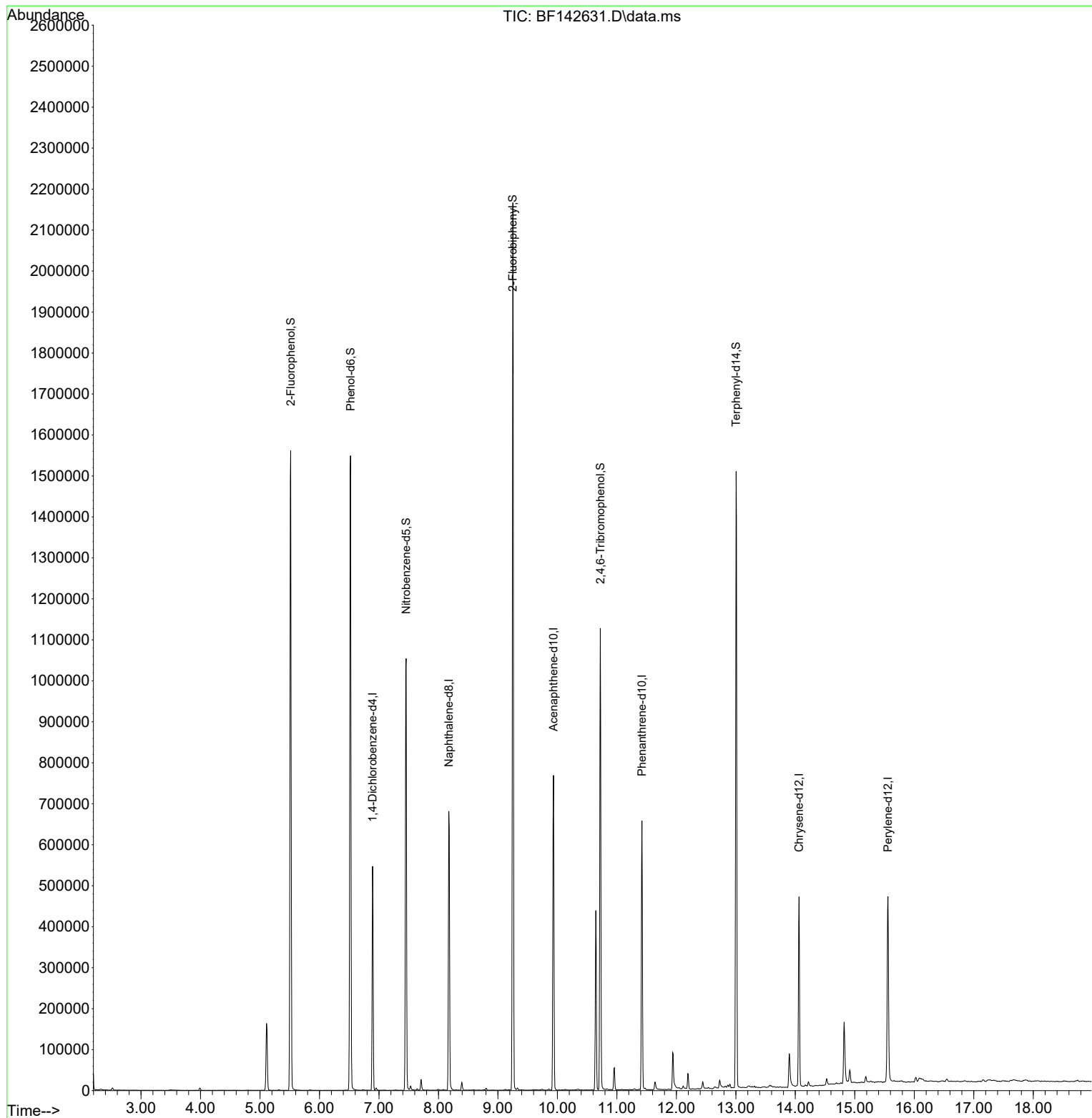
Target Compounds	Qvalue

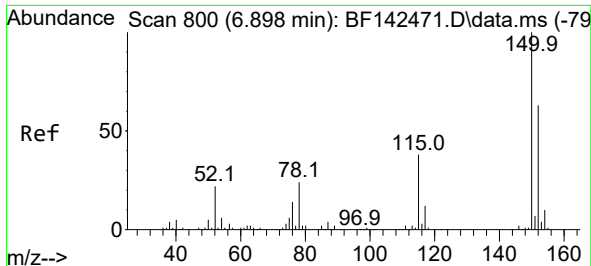
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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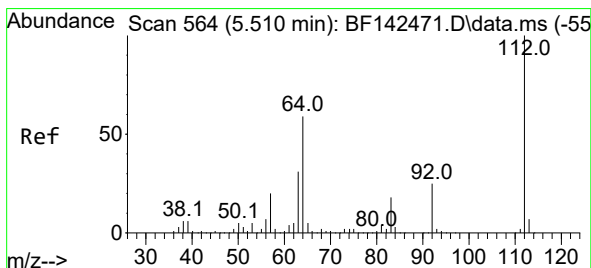
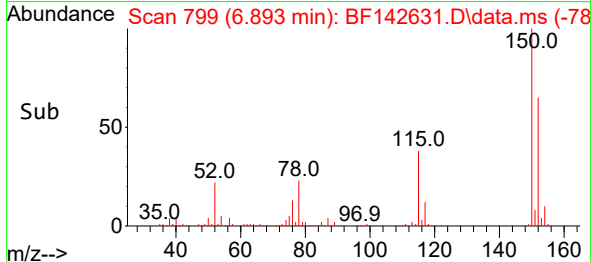
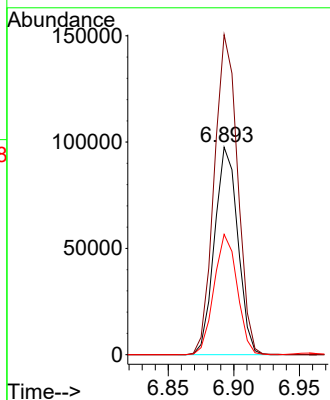
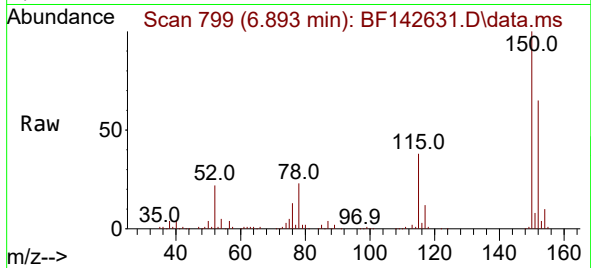




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

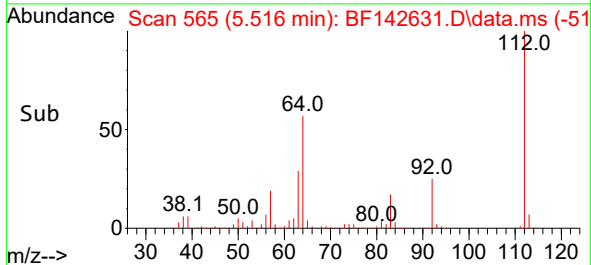
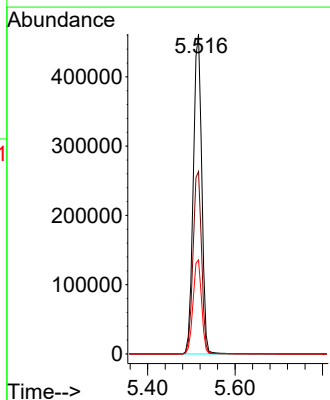
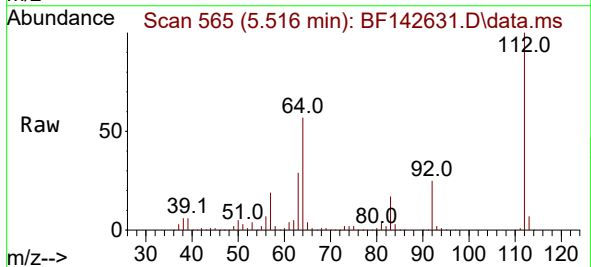
Instrument :
BNA_F
ClientSampleId :
TP01-MHA-WC

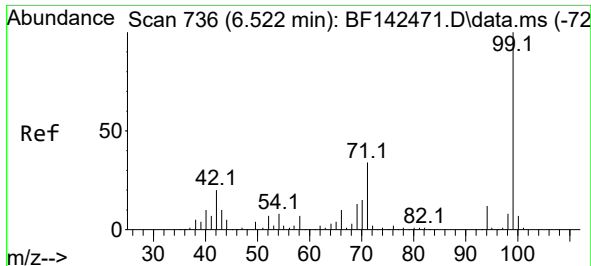
Tgt Ion:152 Resp: 120388
Ion Ratio Lower Upper
152 100
150 154.1 128.2 192.4
115 58.0 48.3 72.5



#5
2-Fluorophenol
Concen: 87.158 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

Tgt Ion:112 Resp: 622807
Ion Ratio Lower Upper
112 100
64 57.0 47.5 71.3
63 29.4 24.9 37.3

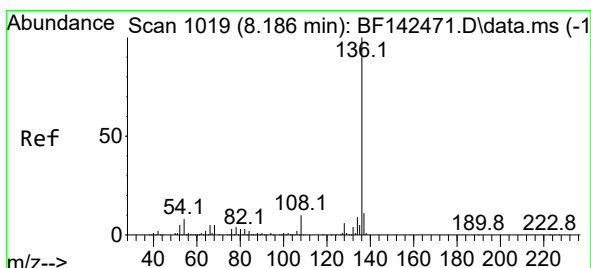
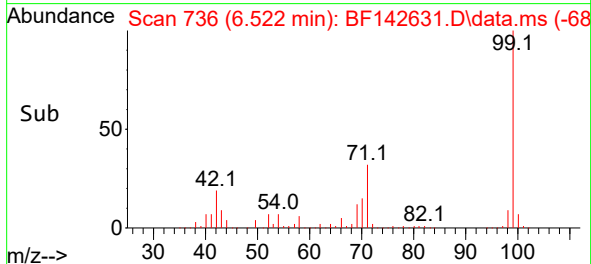
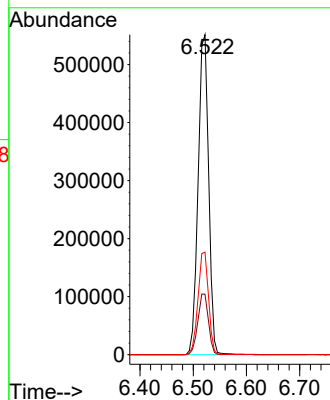
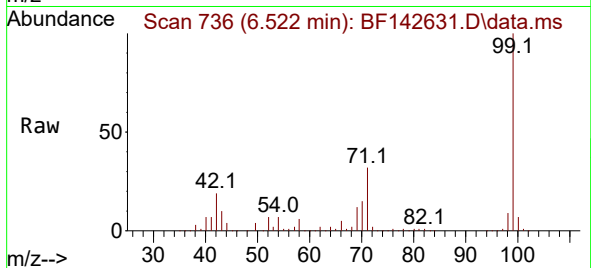




#7
Phenol-d6
Concen: 88.251 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

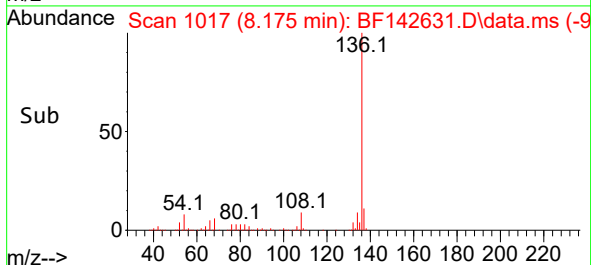
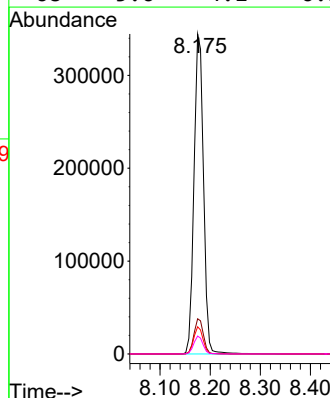
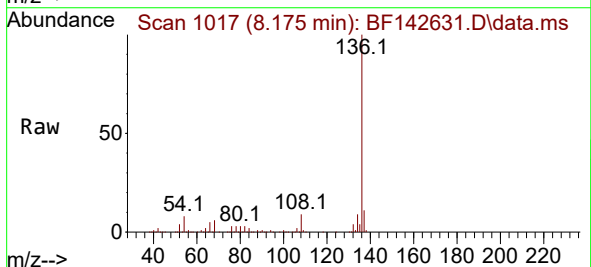
Instrument :
BNA_F
ClientSampleId :
TP01-MHA-WC

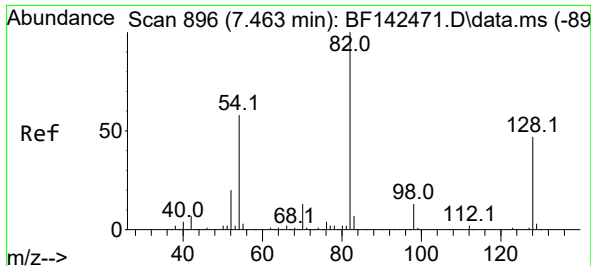
Tgt Ion: 99 Resp: 759116
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.1 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.011 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

Tgt Ion:136 Resp: 451514
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.6 10.0
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 56.495 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142631.D

Acq: 05 Jun 2025 13:37

Instrument :

BNA_F

ClientSampleId :

TP01-MHA-WC

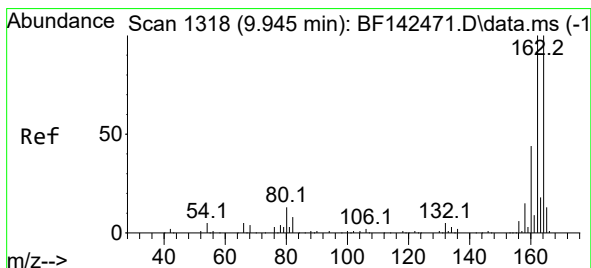
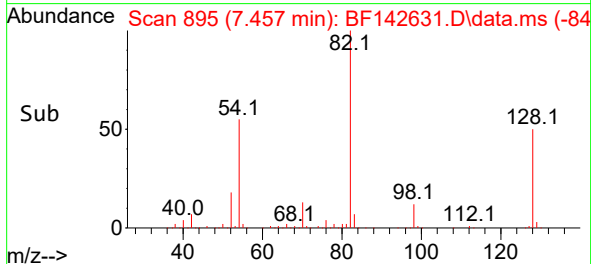
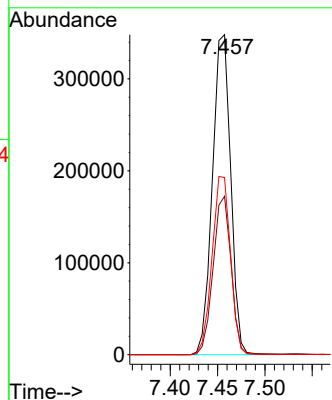
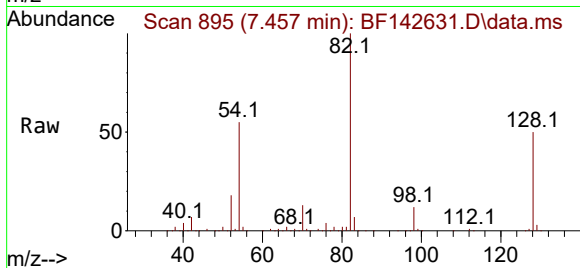
Tgt Ion: 82 Resp: 467795

Ion Ratio Lower Upper

82 100

128 49.5 37.4 56.2

54 55.4 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: BF142631.D

Acq: 05 Jun 2025 13:37

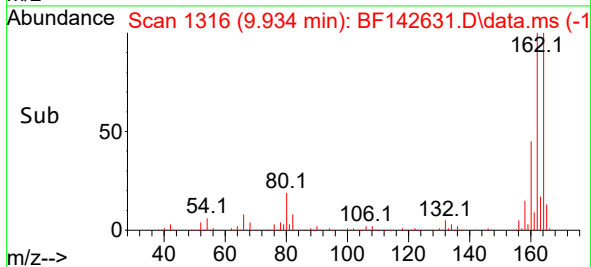
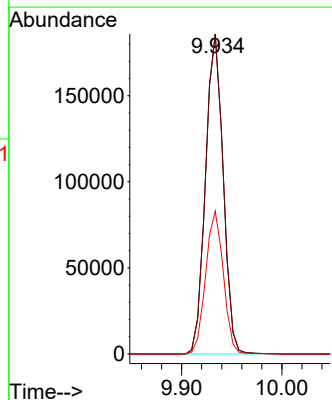
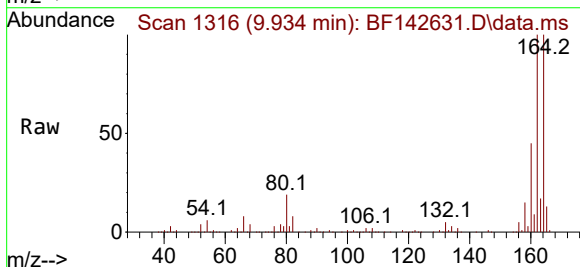
Tgt Ion:164 Resp: 228250

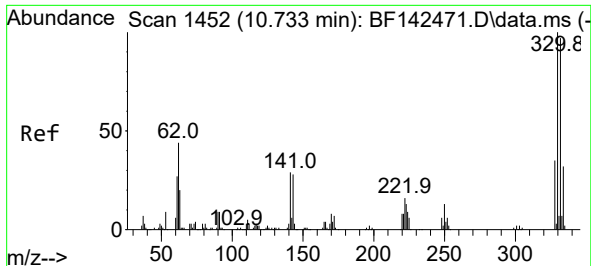
Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.4

160 44.6 35.6 53.4

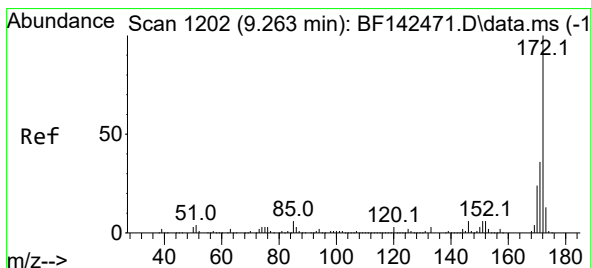
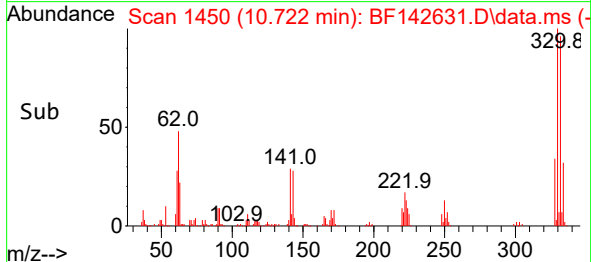
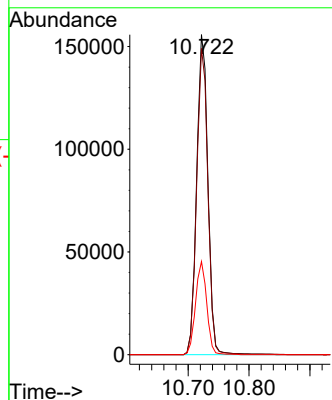
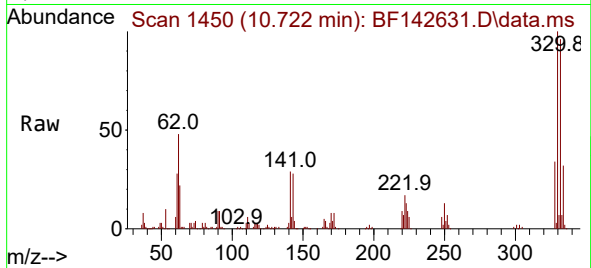




#42
2,4,6-Tribromophenol
Concen: 78.892 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.017 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

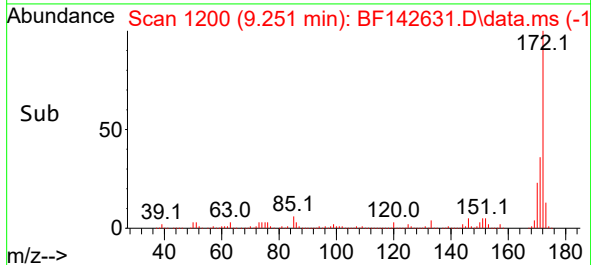
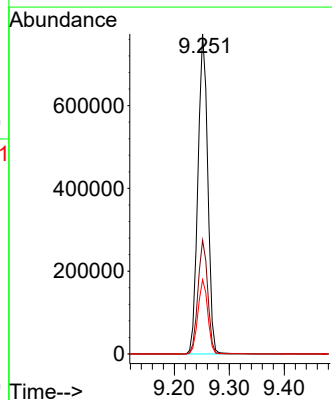
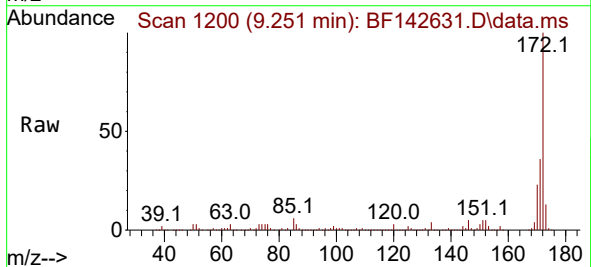
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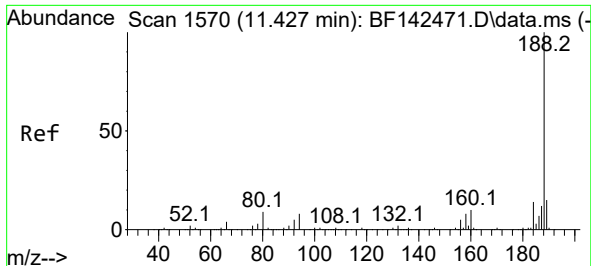
Tgt Ion:330 Resp: 199857
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 29.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 56.534 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

Tgt Ion:172 Resp: 961636
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.2 18.9 28.3

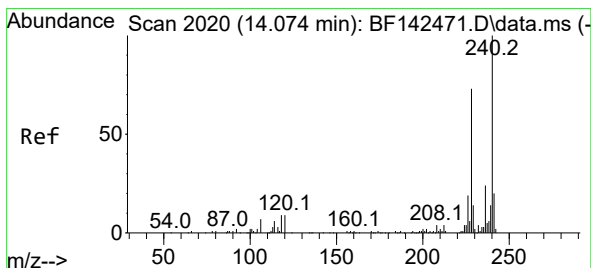
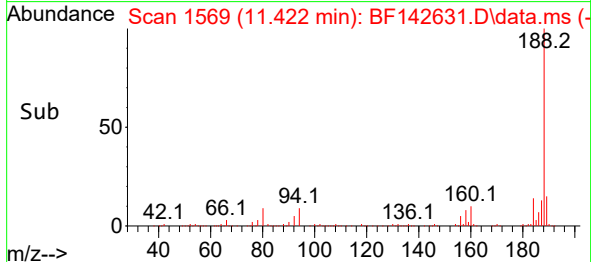
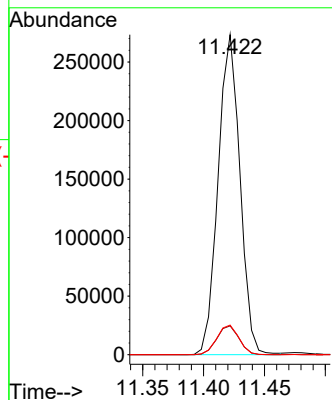
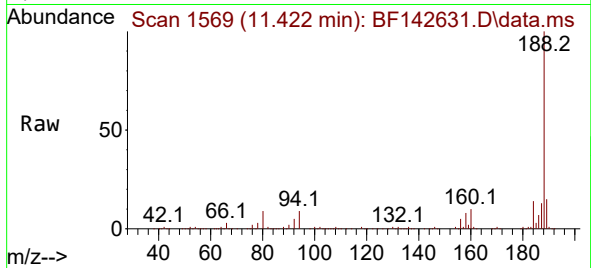




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

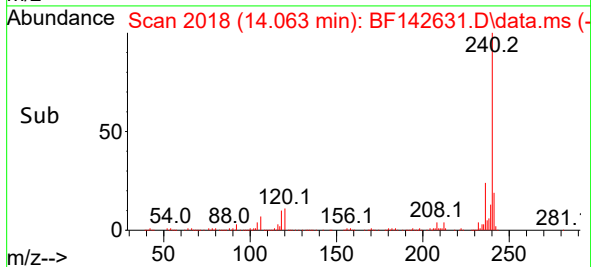
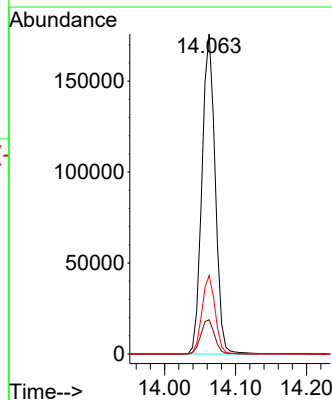
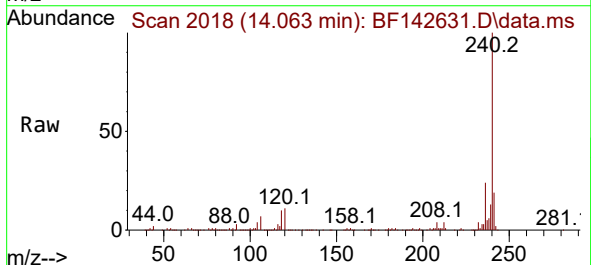
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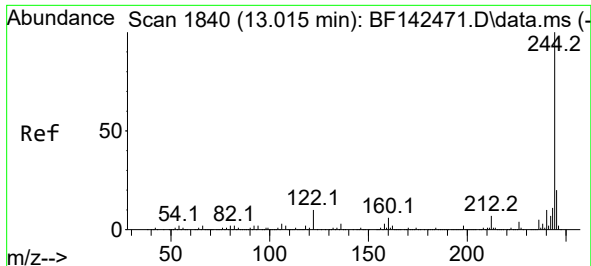
Tgt Ion:188 Resp: 341377
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142631.D
Acq: 05 Jun 2025 13:37

Tgt Ion:240 Resp: 228587
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 24.5 19.6 29.4

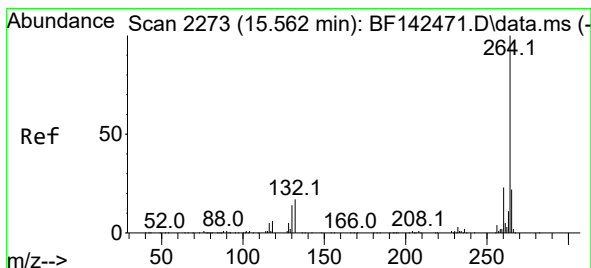
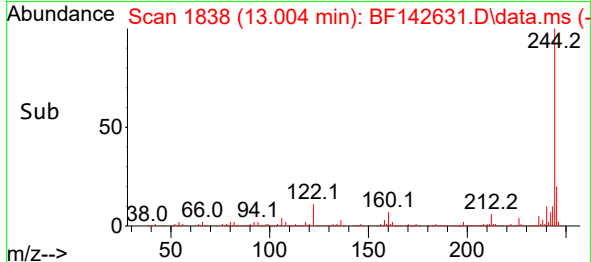
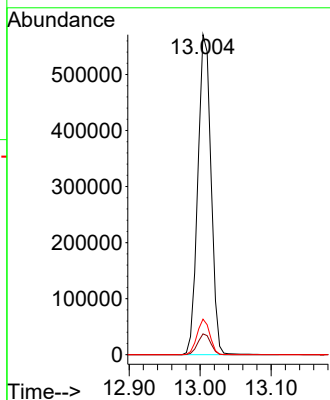
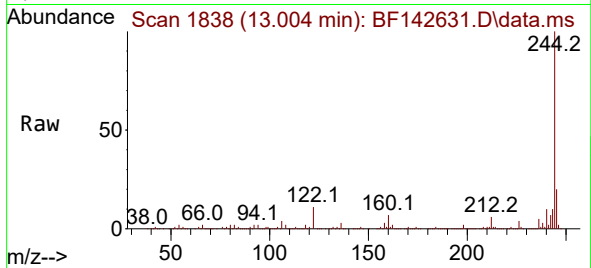




#79
 Terphenyl-d14
 Concen: 44.217 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.011 min
 Lab File: BF142631.D
 Acq: 05 Jun 2025 13:37

Instrument :
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 ClientSampleId :
 TP01-MHA-WC

Tgt Ion:244 Resp: 739639
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 11.1 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: BF142631.D
 Acq: 05 Jun 2025 13:37

Tgt Ion:264 Resp: 269245
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.2 17.7 26.5

