

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142668.D
 Acq On : 07 Jun 2025 03:38
 Operator : RC/JU
 Sample : Q2227-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-703-COMP-01

Quant Time: Jun 07 04:28:41 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	131070	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	488171	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	250255	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	351972	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	254720	20.000	ng	-0.01
86) Perylene-d12	15.557	264	292287	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	591117	75.981	ng	0.00
7) Phenol-d6	6.516	99	733368	78.310	ng	-0.02
23) Nitrobenzene-d5	7.451	82	436672	48.776	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	189532	68.238	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	893027	47.884	ng	-0.02
79) Terphenyl-d14	13.004	244	636200	34.131	ng	-0.01

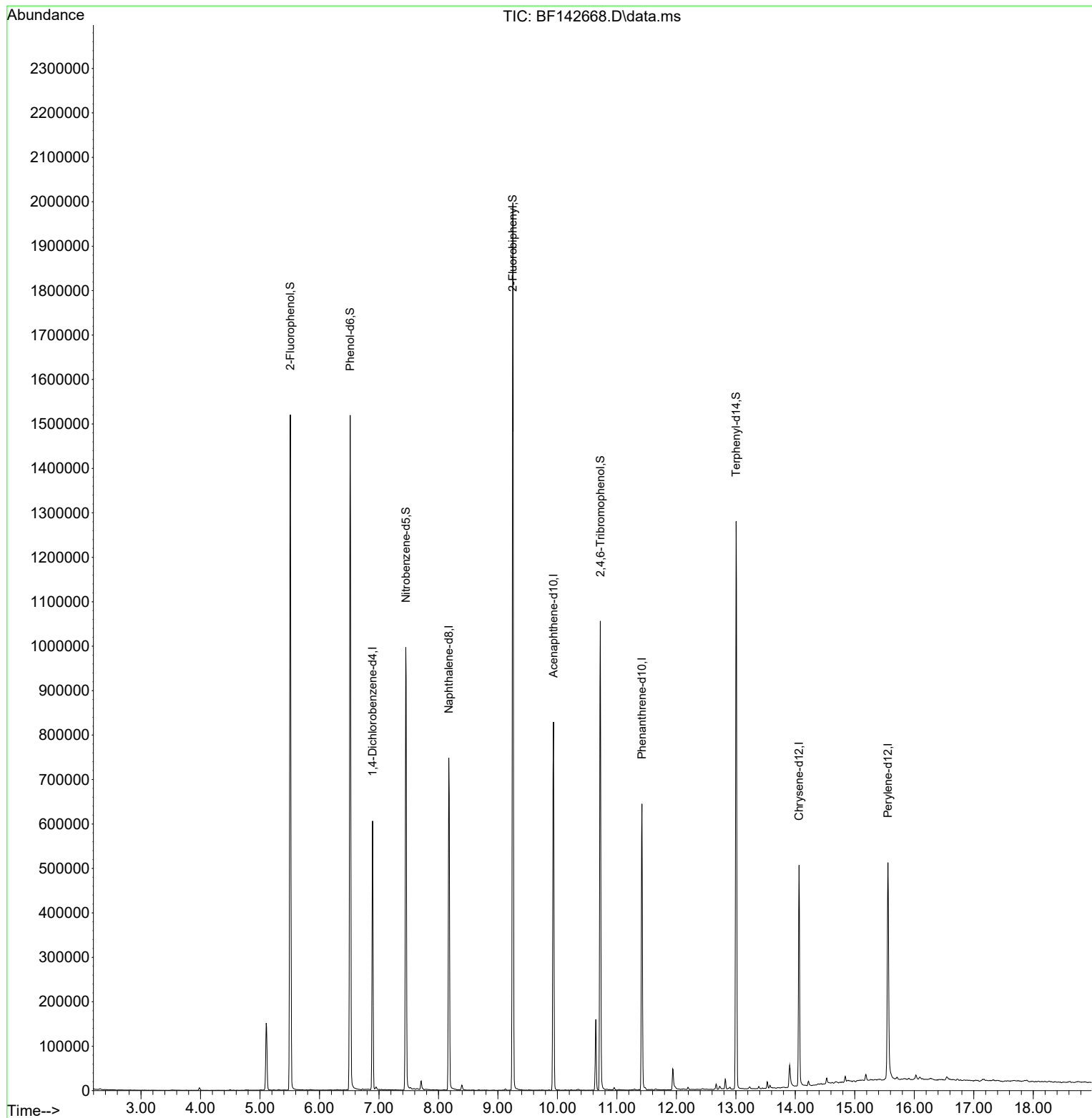
Target Compounds	Qvalue

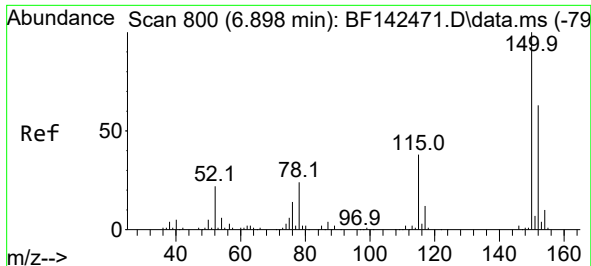
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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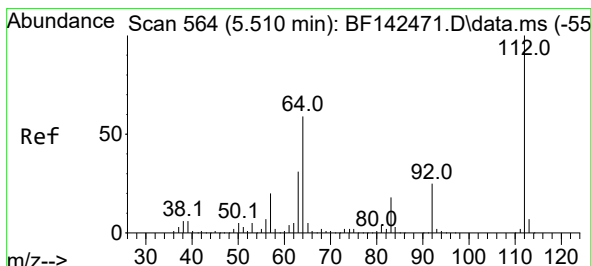
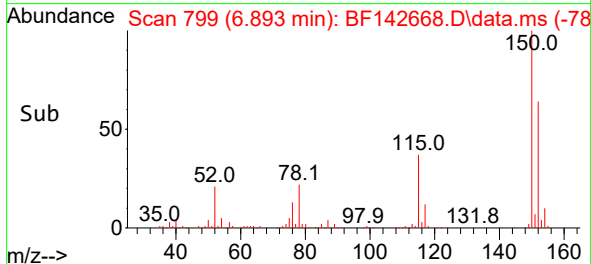
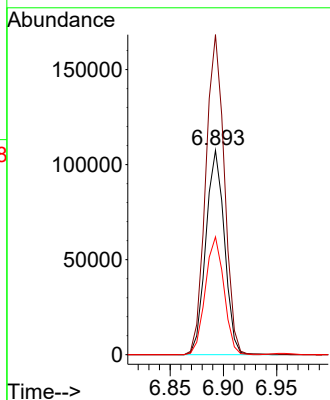
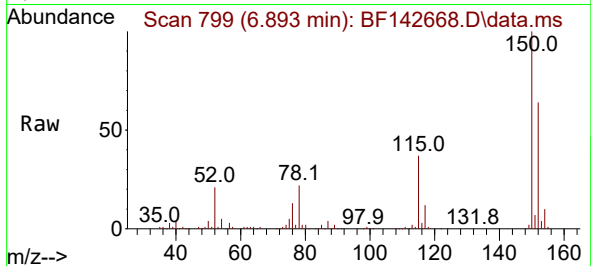




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

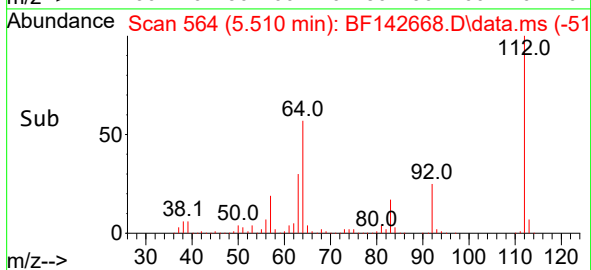
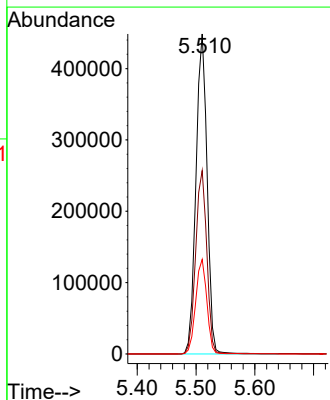
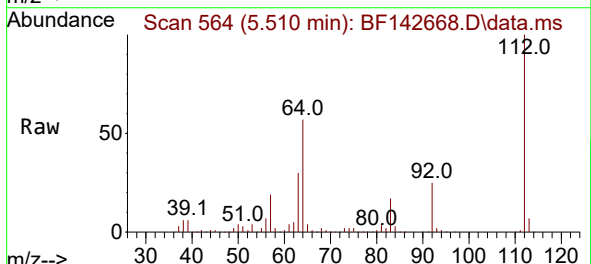
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-01

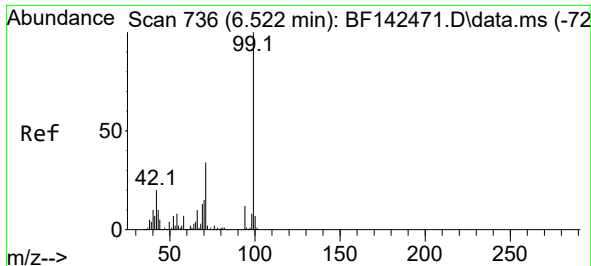
Tgt Ion:152 Resp: 131070
Ion Ratio Lower Upper
152 100
150 156.6 128.2 192.4
115 57.6 48.3 72.5



#5
2-Fluorophenol
Concen: 75.981 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

Tgt Ion:112 Resp: 591117
Ion Ratio Lower Upper
112 100
64 57.3 47.5 71.3
63 29.6 24.9 37.3

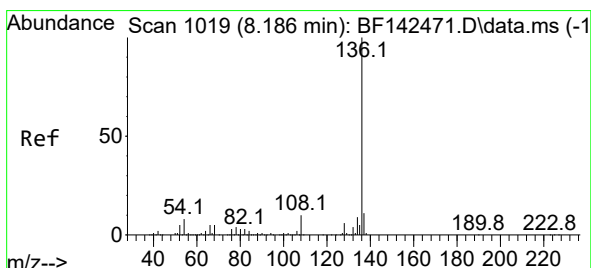
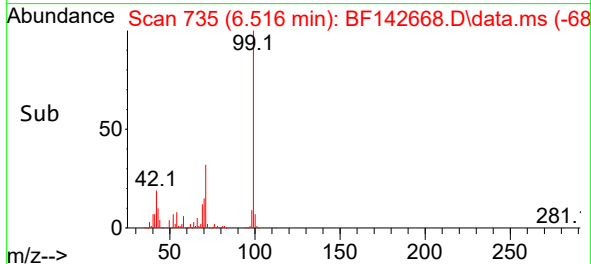
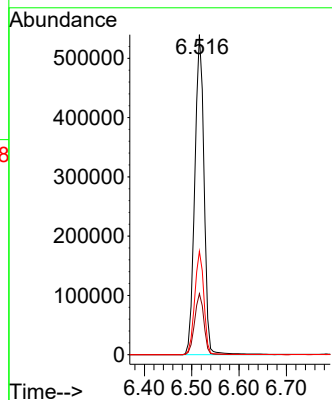
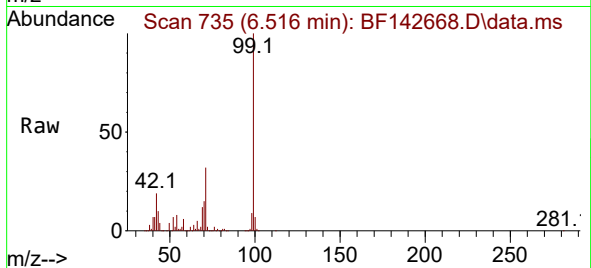




#7
Phenol-d6
Concen: 78.310 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

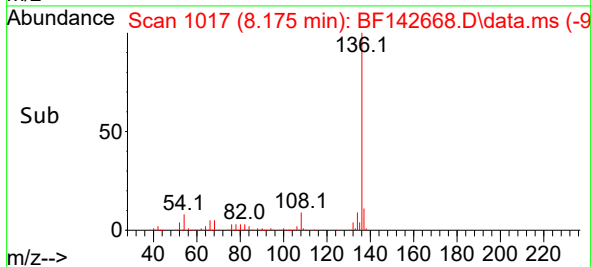
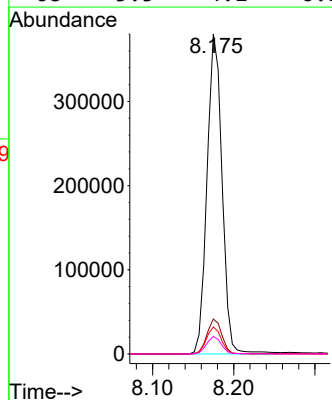
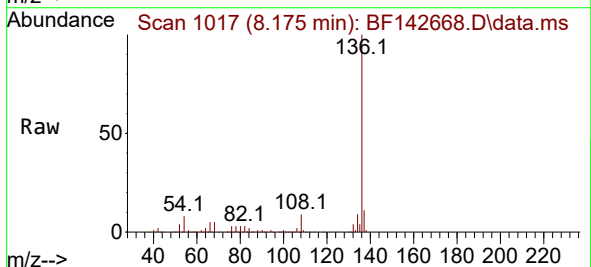
Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-01

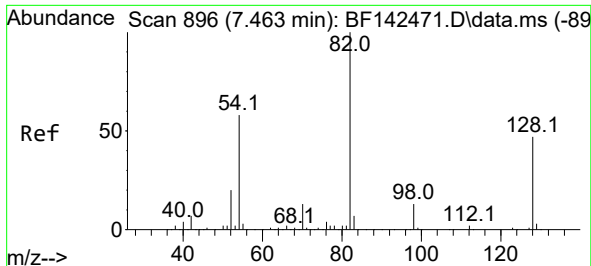
Tgt Ion: 99 Resp: 733368
Ion Ratio Lower Upper
99 100
42 19.0 16.2 24.2
71 32.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

Tgt Ion: 136 Resp: 488171
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.6 10.0
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.776 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.023 min

Lab File: BF142668.D

Acq: 07 Jun 2025 03:38

Instrument :

BNA_F

ClientSampleId :

BU-703-COMP-01

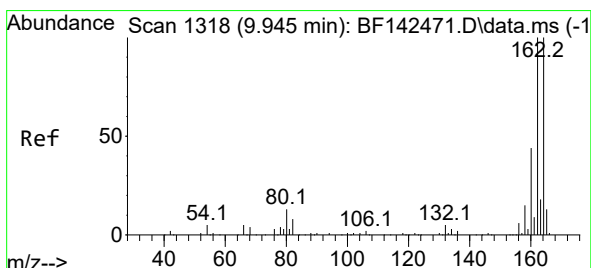
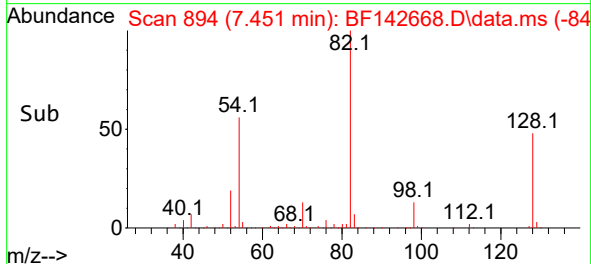
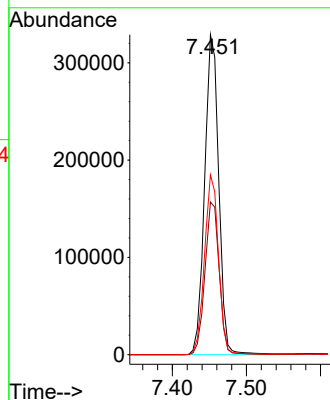
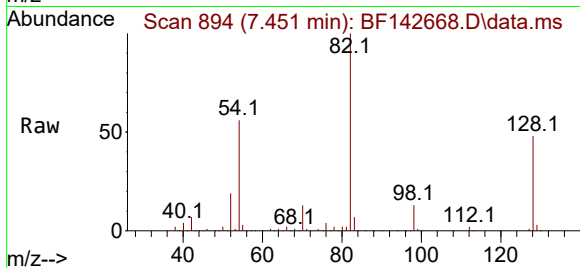
Tgt Ion: 82 Resp: 436672

Ion Ratio Lower Upper

82 100

128 47.7 37.4 56.2

54 56.2 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: BF142668.D

Acq: 07 Jun 2025 03:38

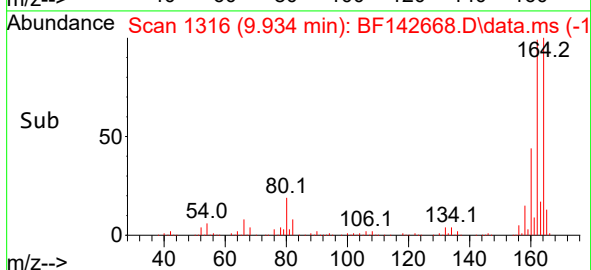
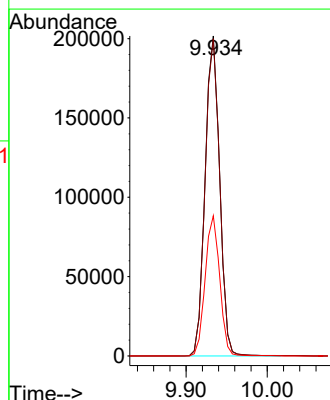
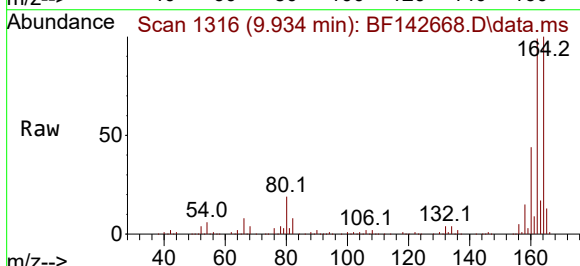
Tgt Ion:164 Resp: 250255

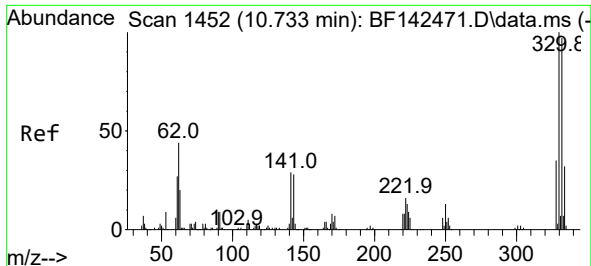
Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

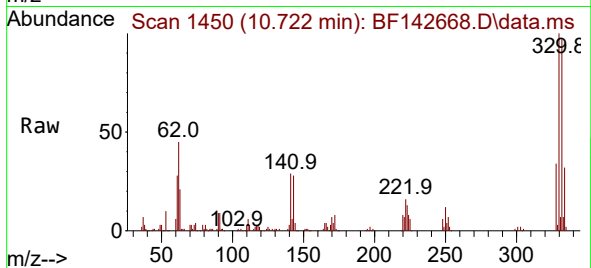
160 43.8 35.6 53.4



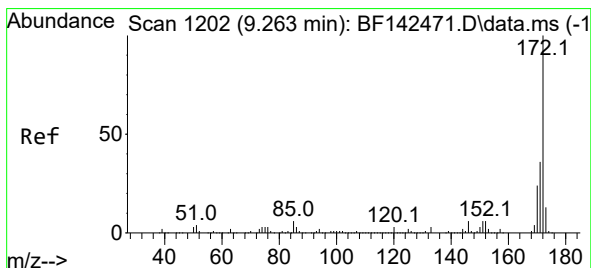
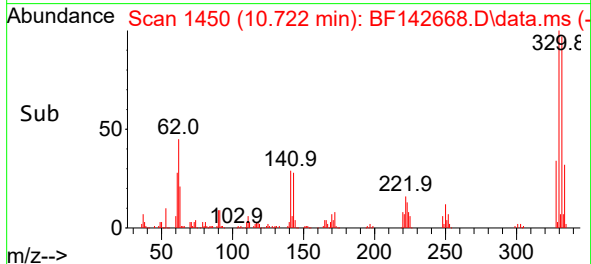
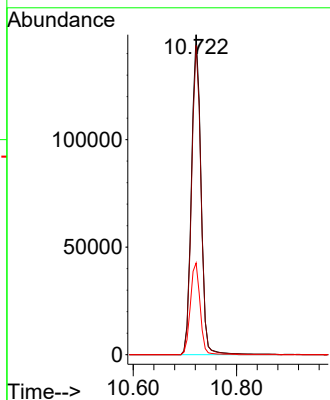


#42
2,4,6-Tribromophenol
Concen: 68.238 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

Instrument :
BNA_F
ClientSampleId :
BU-703-COMP-01

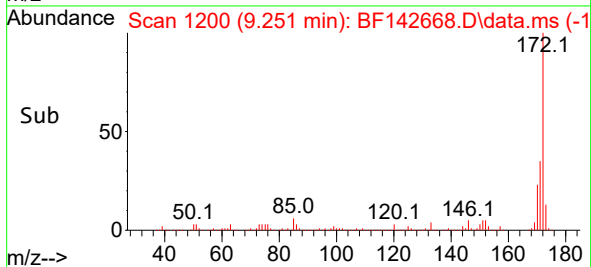
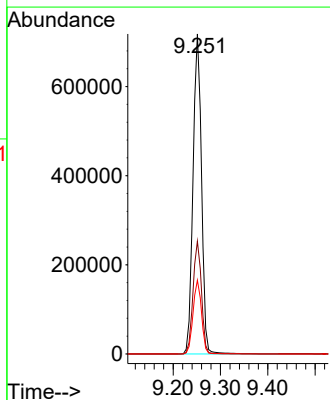
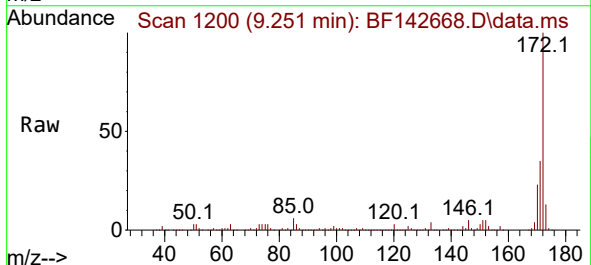


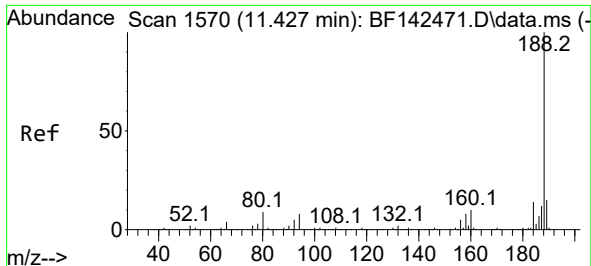
Tgt Ion:330 Resp: 189532
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 29.3 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 47.884 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

Tgt Ion:172 Resp: 893027
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.1 18.9 28.3

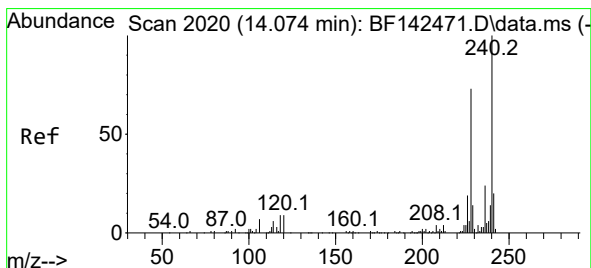
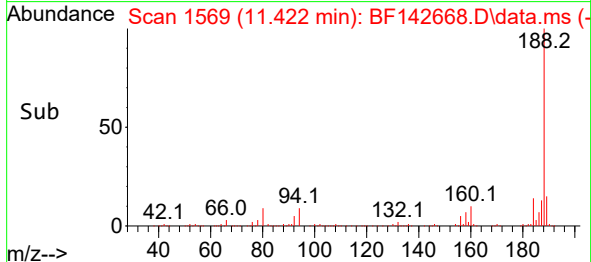
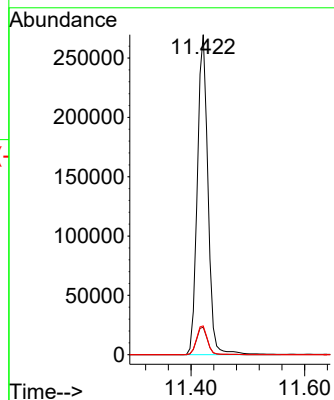
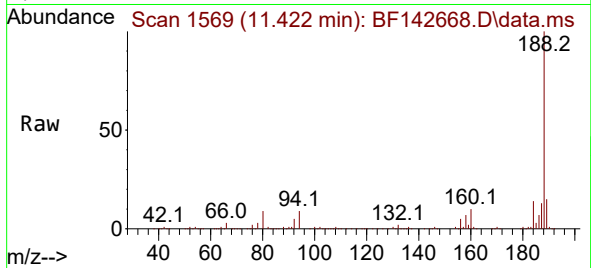




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

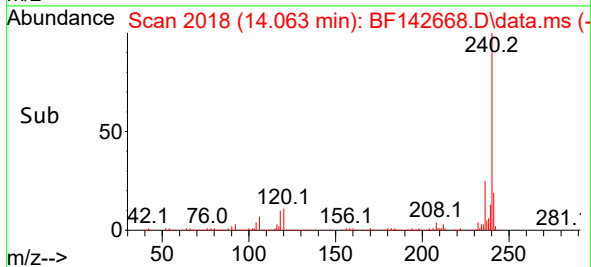
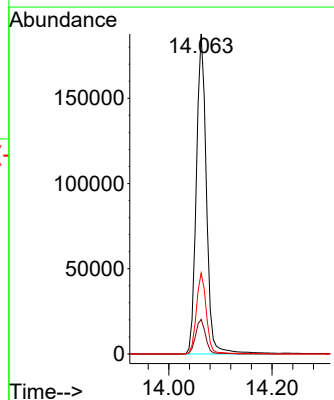
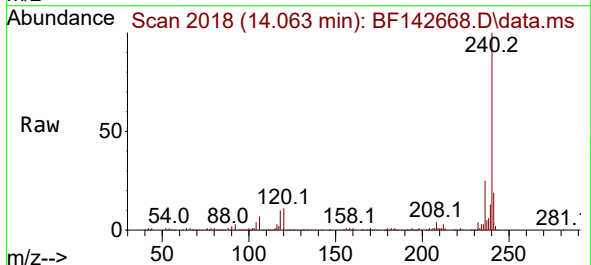
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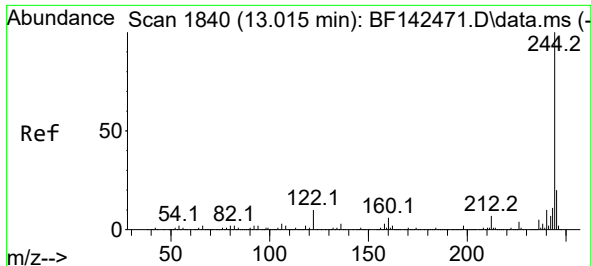
Tgt Ion:188 Resp: 351972
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.0 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142668.D
Acq: 07 Jun 2025 03:38

Tgt Ion:240 Resp: 254720
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.3 19.6 29.4

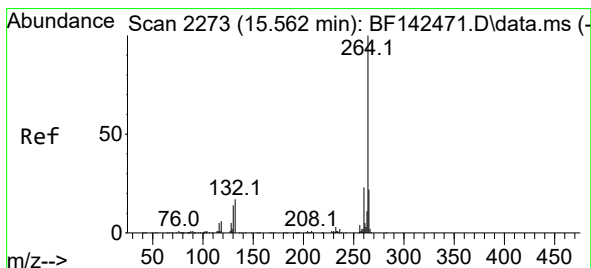
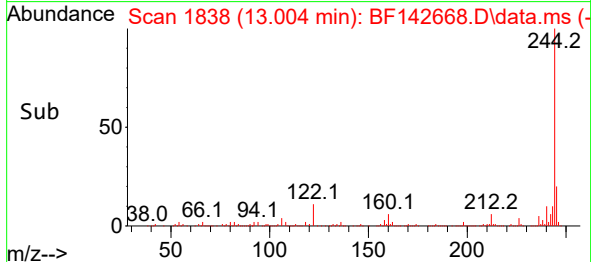
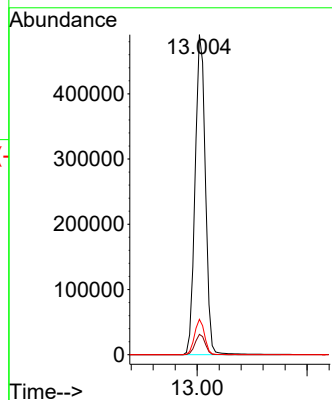
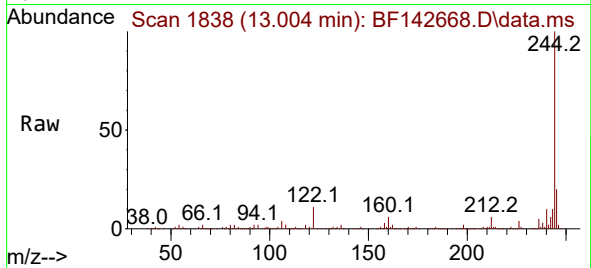




#79
 Terphenyl-d14
 Concen: 34.131 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF142668.D
 Acq: 07 Jun 2025 03:38

Instrument :
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Tgt Ion:244 Resp: 636200
 Ion Ratio Lower Upper
 244 100
 212 6.3 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: BF142668.D
 Acq: 07 Jun 2025 03:38

Tgt Ion:264 Resp: 292287
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 21.2 17.7 26.5

