

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142838.D
 Acq On : 25 Jun 2025 15:26
 Operator : RC/JU
 Sample : PB168601BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168601BL

Quant Time: Jun 25 15:48:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81390	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	310420	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	163008	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	283770	20.000	ng	0.00
76) Chrysene-d12	14.051	240	173595	20.000	ng	0.00
86) Perylene-d12	15.539	264	178625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	609610	124.703	ng	0.01
7) Phenol-d6	6.504	99	704216	122.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	448695	79.284	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	216788	129.236	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	968980	78.090	ng	0.00
79) Terphenyl-d14	12.998	244	909178	72.365	ng	0.00

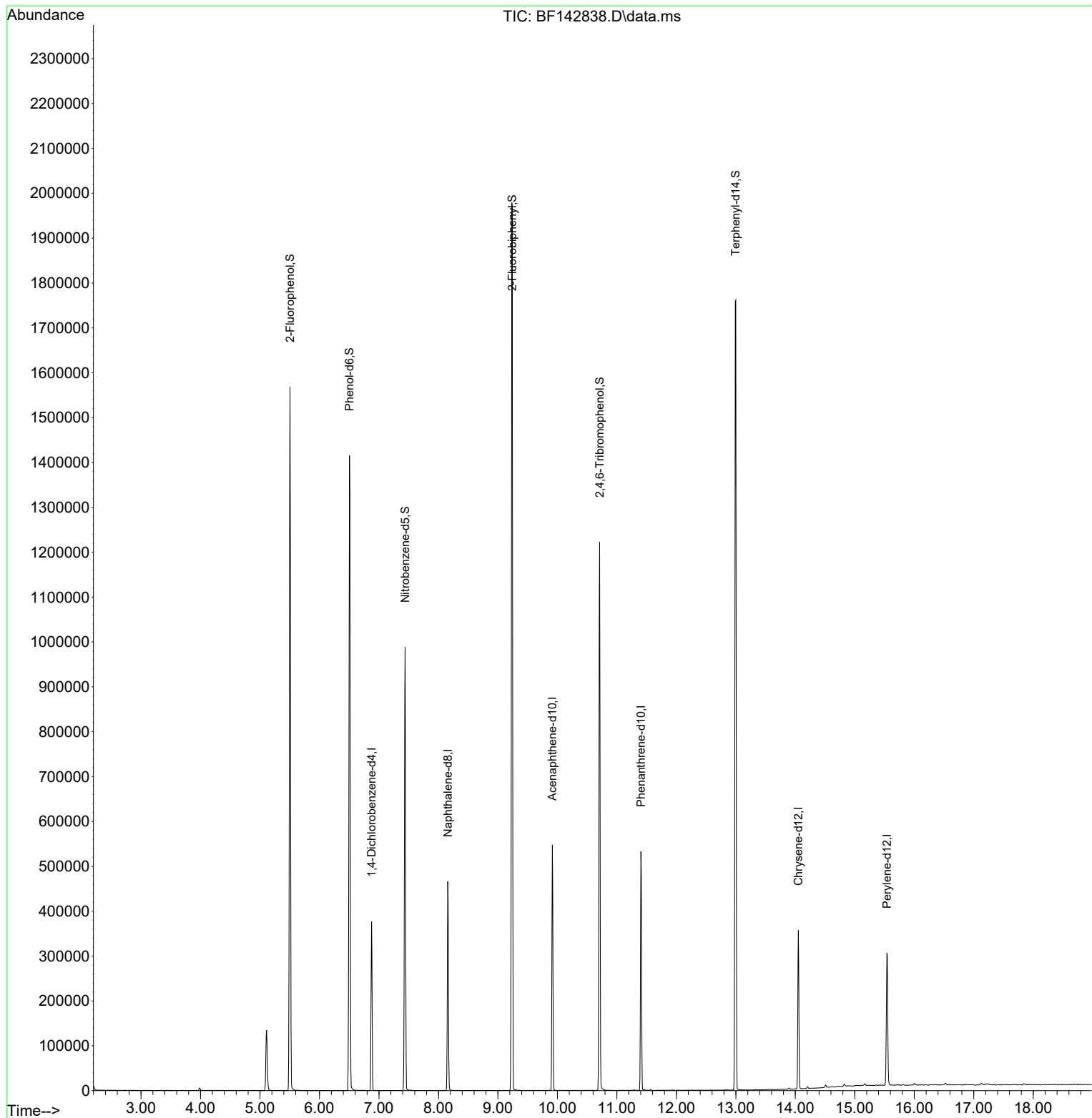
Target Compounds	Qvalue

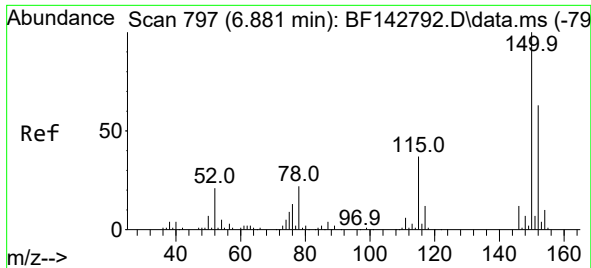
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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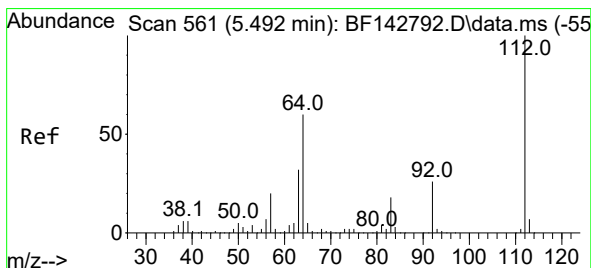
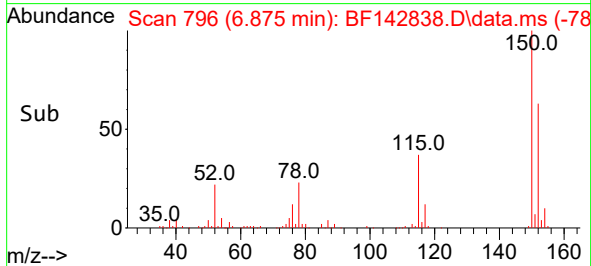
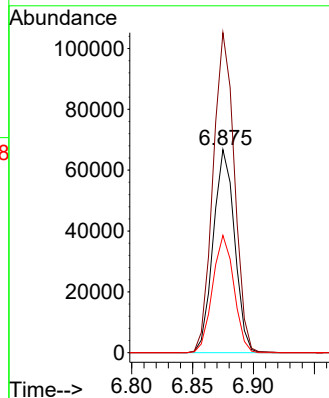
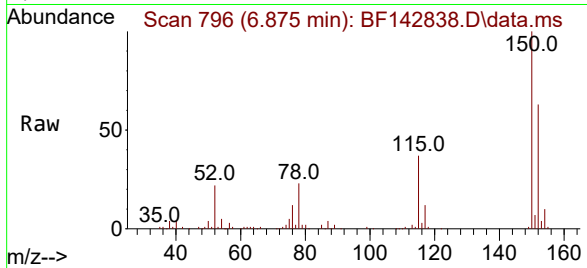




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

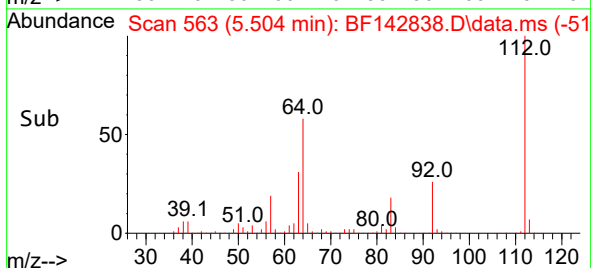
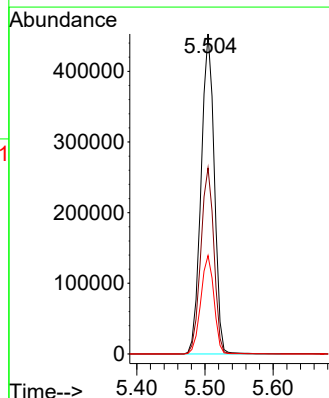
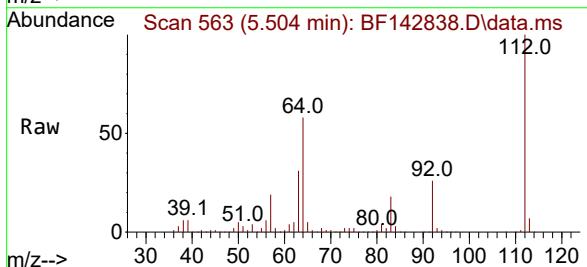
Instrument :
 BNA_F
 ClientSampleId :
 PB168601BL

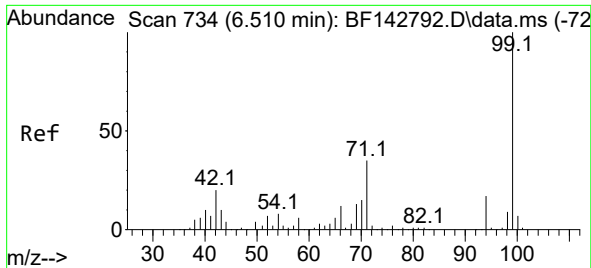
Tgt Ion:152 Resp: 81390
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.2 190.8
 115 57.8 46.6 69.8



#5
 2-Fluorophenol
 Concen: 124.703 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Tgt Ion:112 Resp: 609610
 Ion Ratio Lower Upper
 112 100
 64 58.2 48.2 72.2
 63 30.8 25.7 38.5

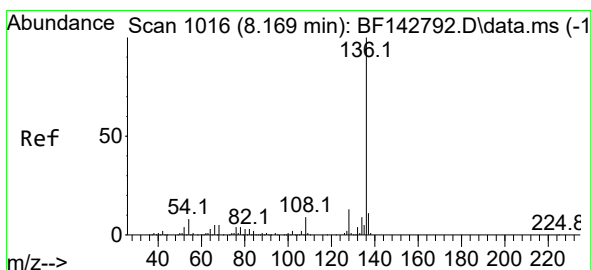
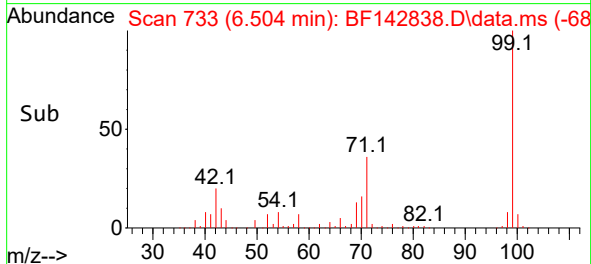
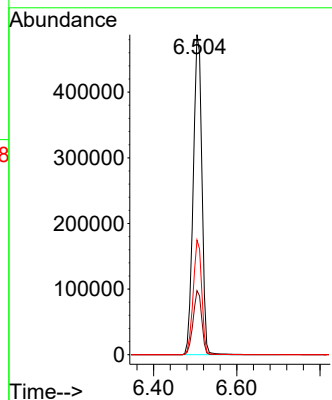
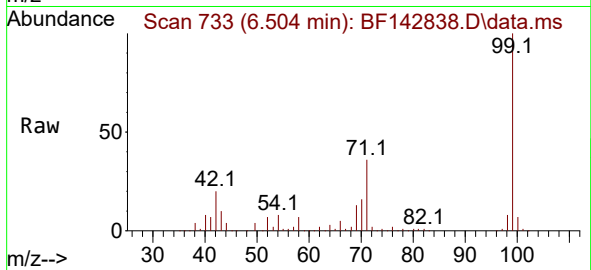




#7
Phenol-d6
Concen: 122.101 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

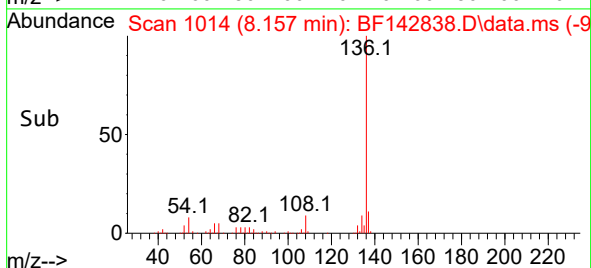
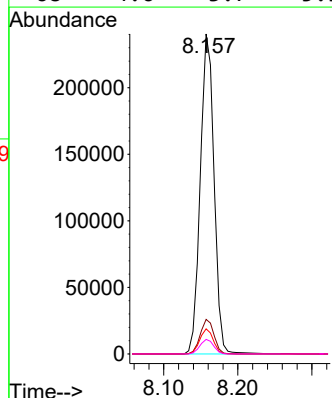
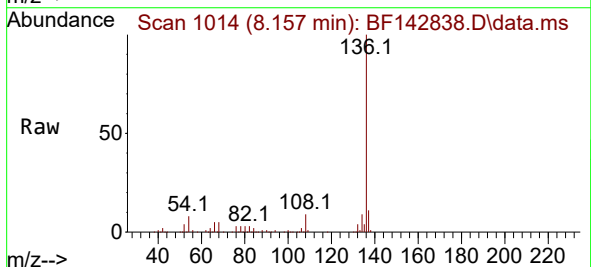
Instrument :
BNA_F
ClientSampleId :
PB168601BL

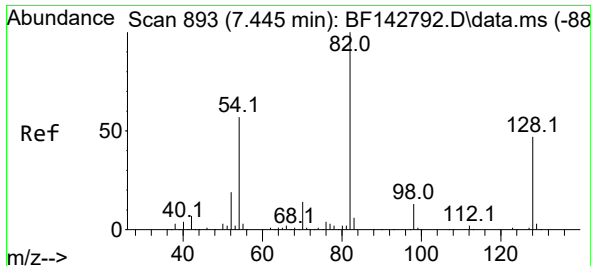
Tgt Ion: 99 Resp: 704216
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion: 136 Resp: 310420
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 79.284 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142838.D

Acq: 25 Jun 2025 15:26

Instrument :

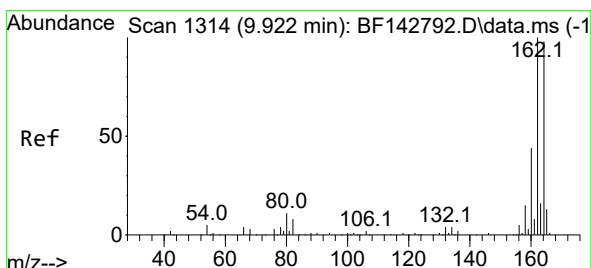
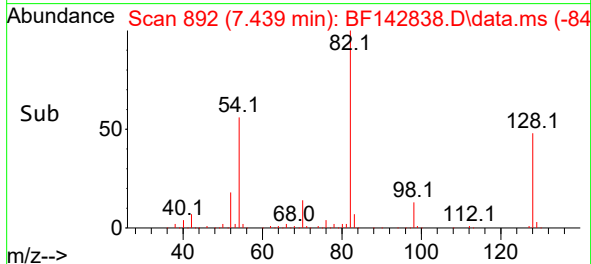
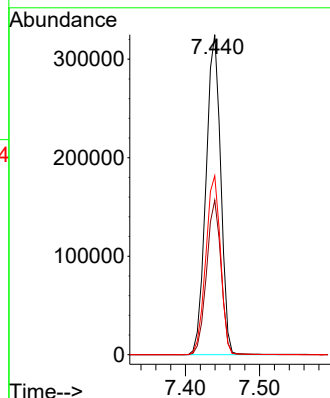
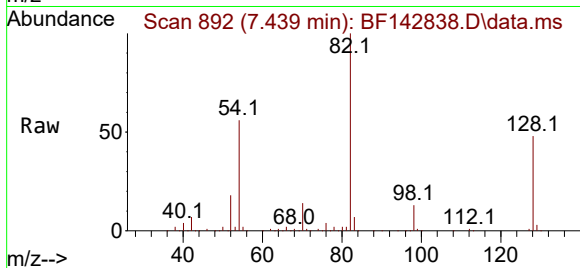
BNA_F

ClientSampleId :

PB168601BL

Tgt Ion: 82 Resp: 448695

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.7	56.5
54	55.9	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

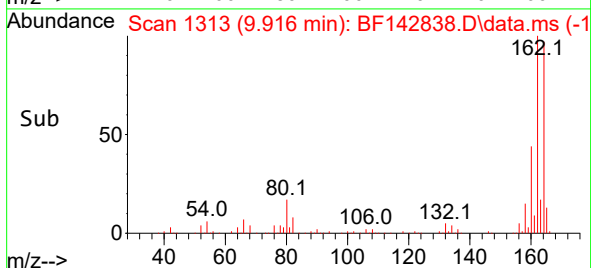
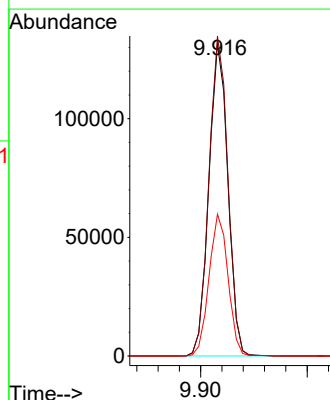
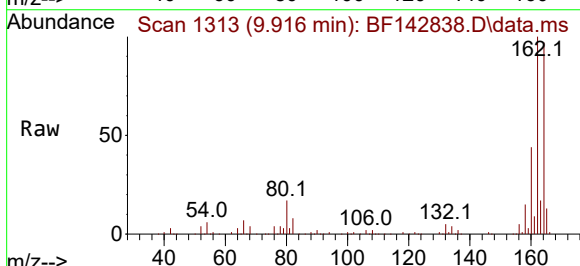
Delta R.T. -0.006 min

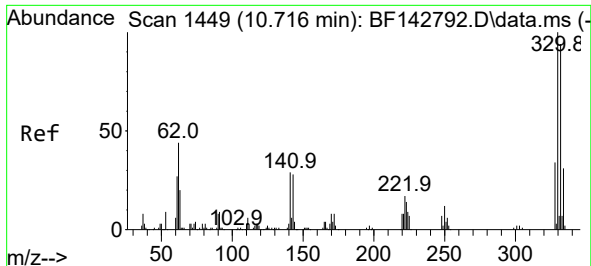
Lab File: BF142838.D

Acq: 25 Jun 2025 15:26

Tgt Ion:164 Resp: 163008

Ion	Ratio	Lower	Upper
164	100		
162	102.6	81.8	122.8
160	45.4	36.0	54.0

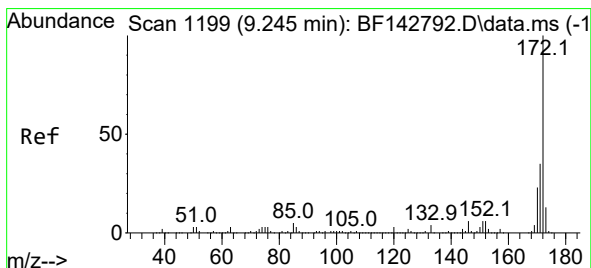
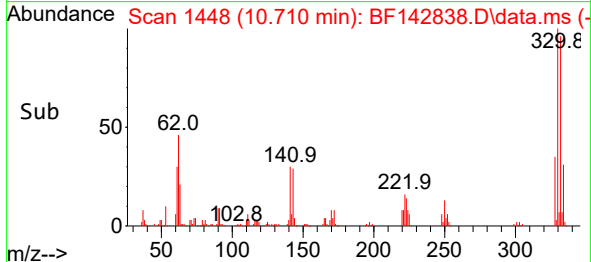
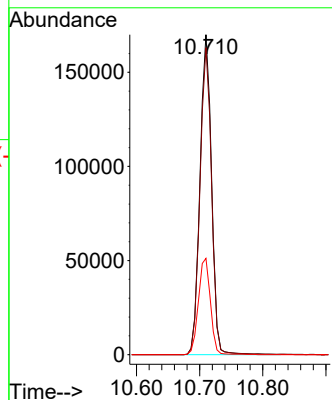
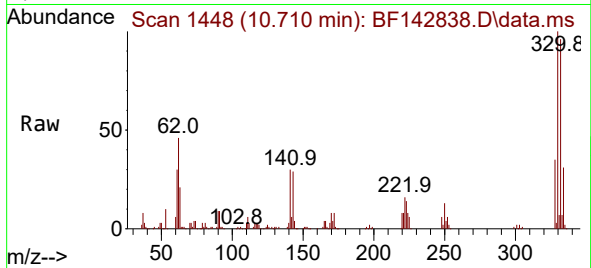




#42
 2,4,6-Tribromophenol
 Concen: 129.236 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

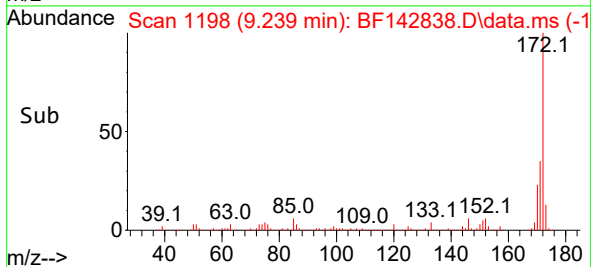
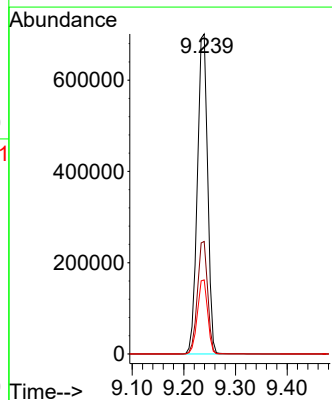
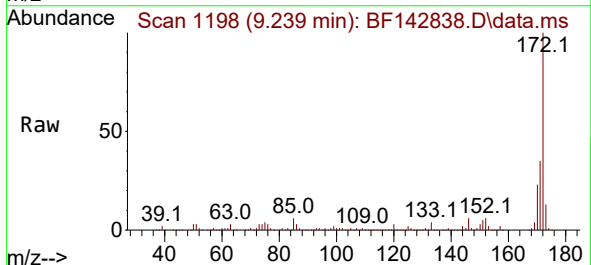
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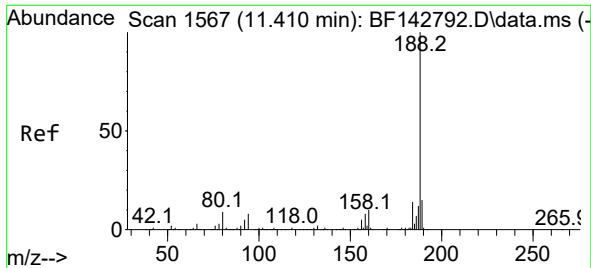
Tgt Ion:330 Resp: 216788
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.0 112.6
 141 31.1 25.3 37.9



#45
 2-Fluorobiphenyl
 Concen: 78.090 ng
 RT: 9.239 min Scan# 1198
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Tgt Ion:172 Resp: 968980
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.2 42.4
 170 23.1 18.5 27.7

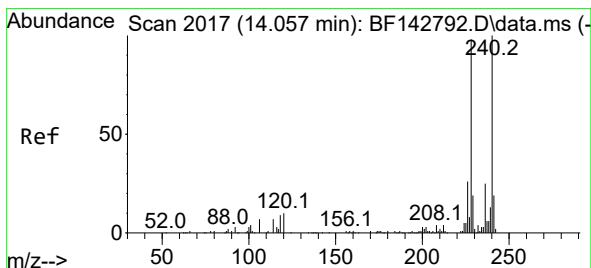
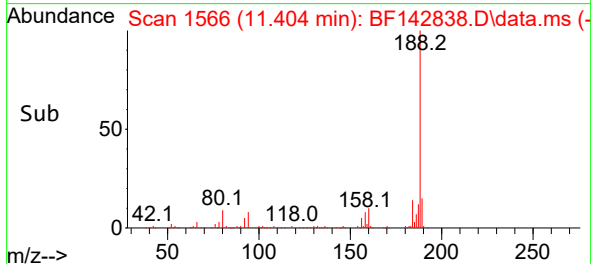
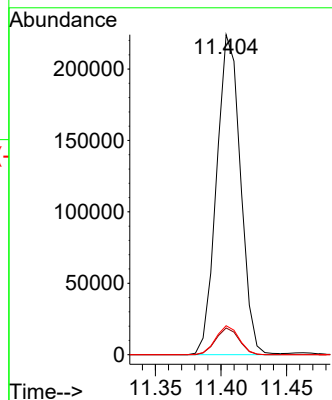
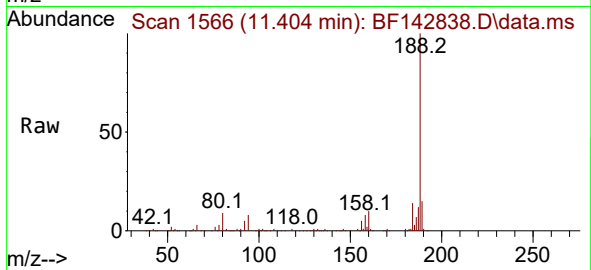




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

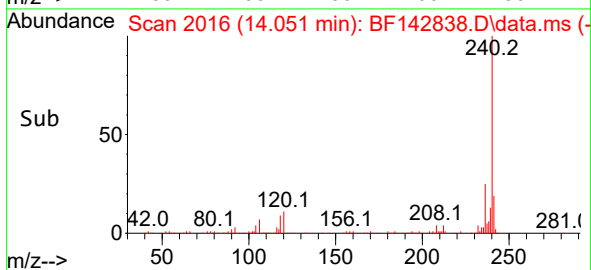
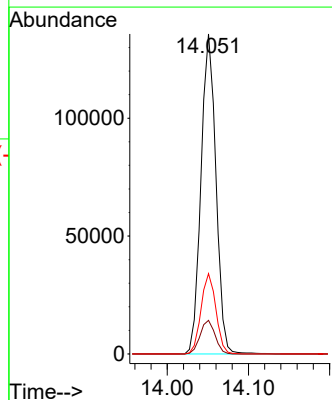
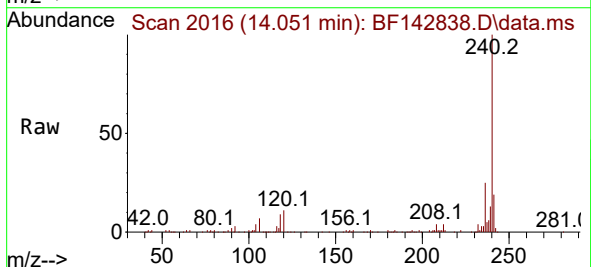
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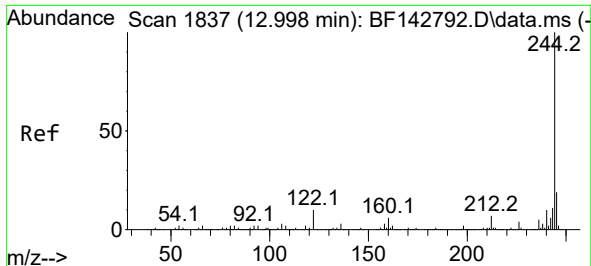
Tgt Ion:188 Resp: 283770
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142838.D
Acq: 25 Jun 2025 15:26

Tgt Ion:240 Resp: 173595
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 25.1 19.8 29.8

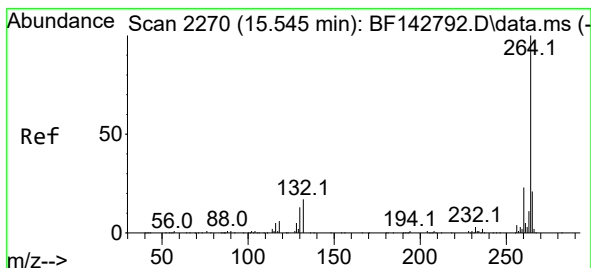
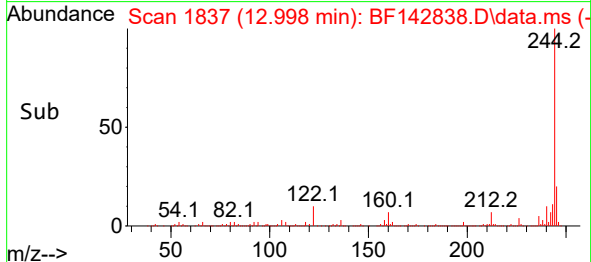
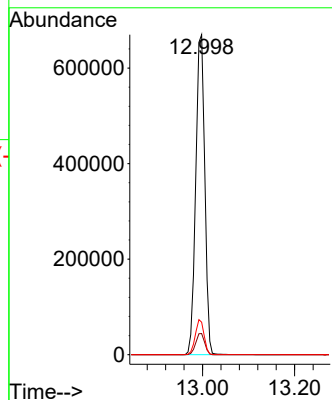
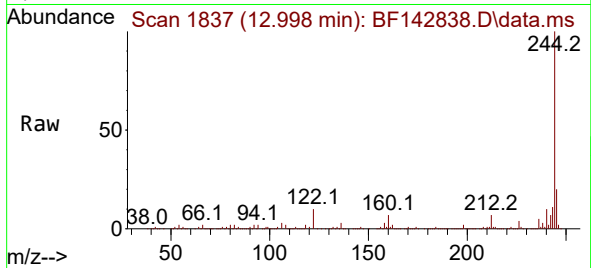




#79
 Terphenyl-d14
 Concen: 72.365 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Instrument :
 BNA_F
 ClientSampleId :
 PB168601BL

Tgt Ion:244 Resp: 909178
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142838.D
 Acq: 25 Jun 2025 15:26

Tgt Ion:264 Resp: 178625
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.1 27.1
 265 21.3 16.6 25.0

