

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142381.D
 Acq On : 14 May 2025 22:32
 Operator : RC/JU
 Sample : Q2017-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Quant Time: May 15 01:05:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	193162	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	765450	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	436396	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	772497	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	508245	20.000	ng	0.00
86) Perylene-d12	15.551	264	435987	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	606371	53.588	ng	0.00
7) Phenol-d6	6.510	99	811242	58.291	ng	-0.01
23) Nitrobenzene-d5	7.457	82	459638	36.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	244140	57.945	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1077748	35.214	ng	0.00
79) Terphenyl-d14	13.010	244	1045058	30.434	ng	0.00

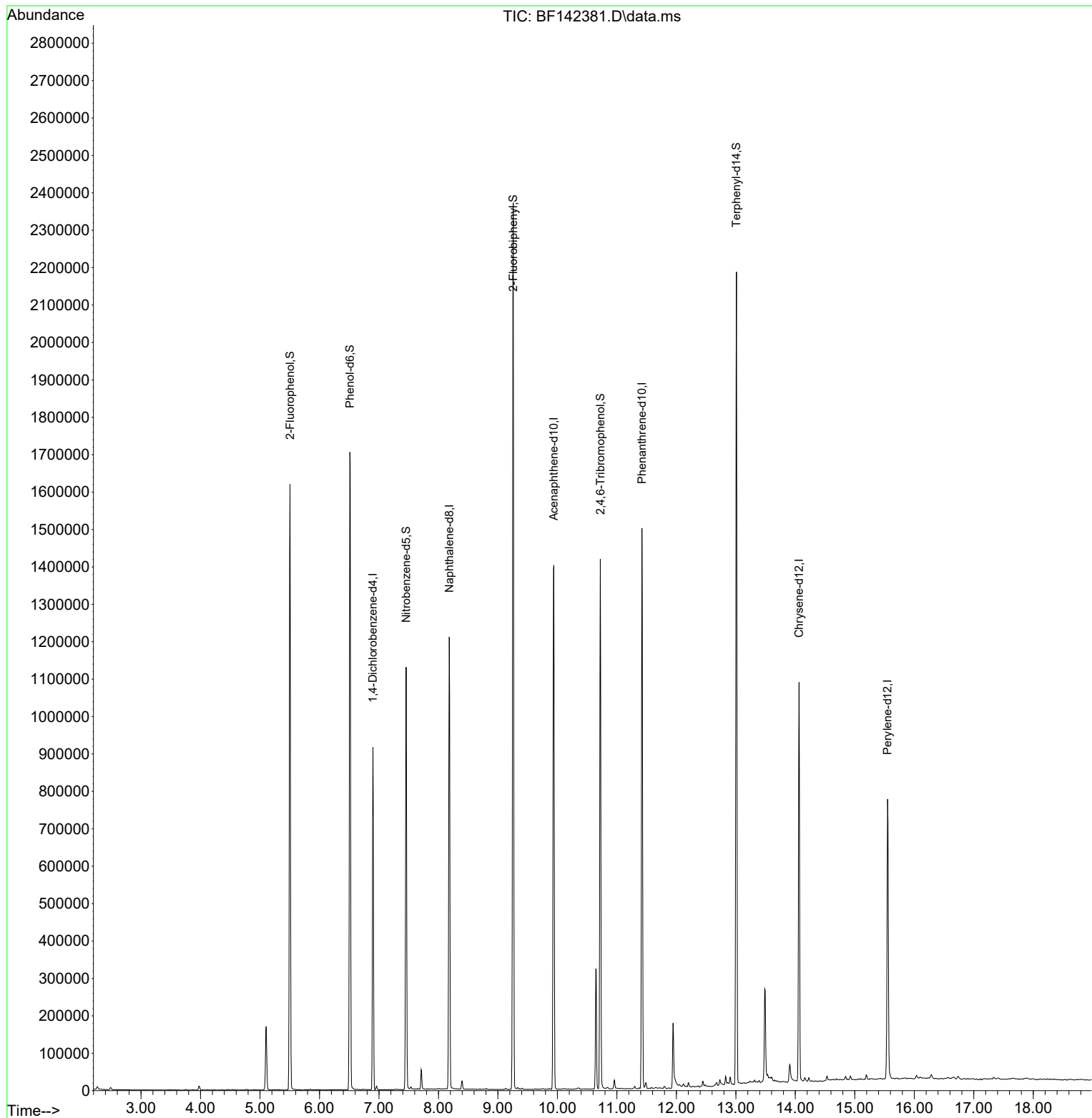
Target Compounds	Qvalue

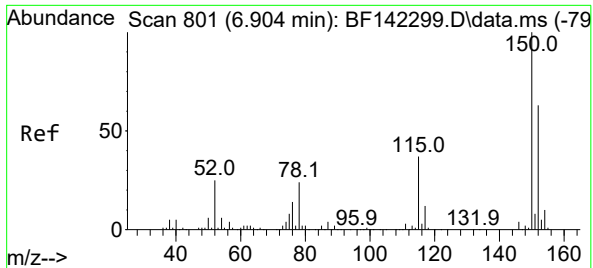
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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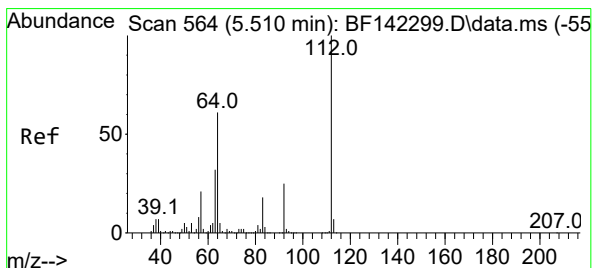
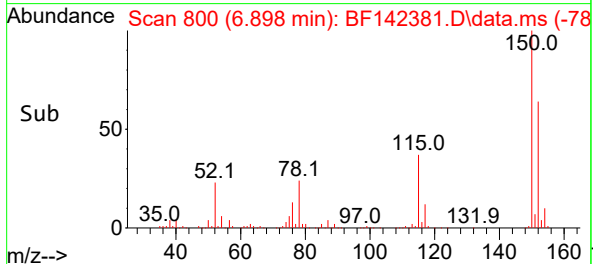
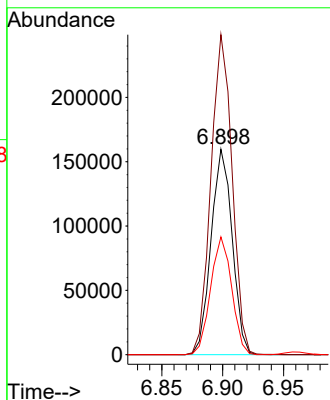
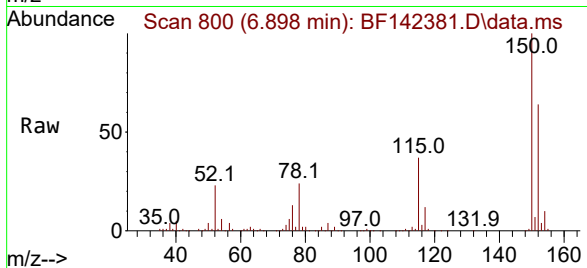




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

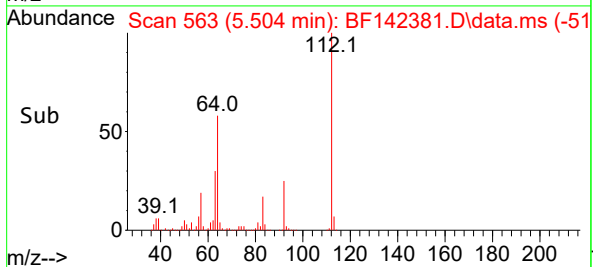
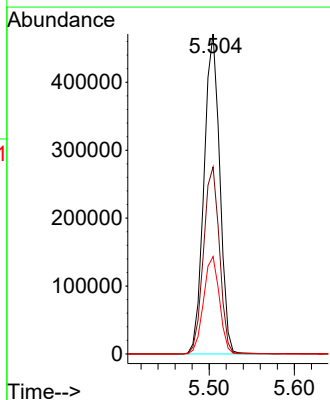
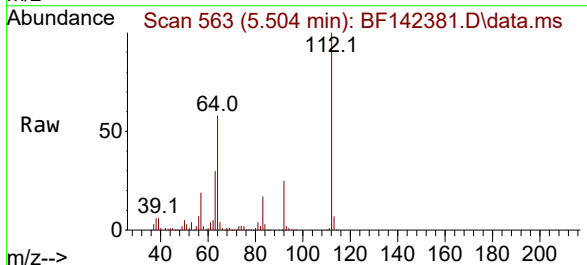
Instrument :
BNA_F
ClientSampleId :
MH-J

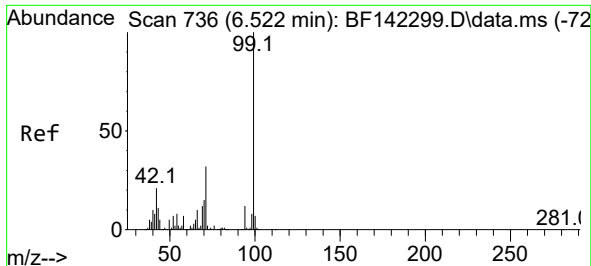
Tgt Ion:152 Resp: 193162
Ion Ratio Lower Upper
152 100
150 155.7 126.6 190.0
115 57.3 47.3 70.9



#5
2-Fluorophenol
Concen: 53.588 ng
RT: 5.504 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

Tgt Ion:112 Resp: 606371
Ion Ratio Lower Upper
112 100
64 58.4 48.9 73.3
63 30.4 25.6 38.4

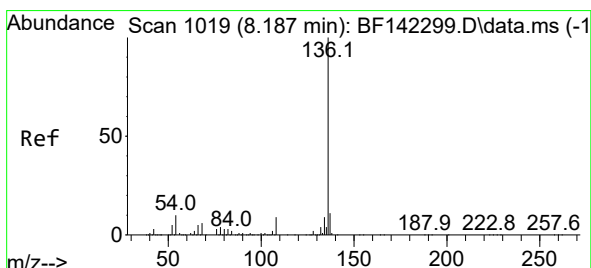
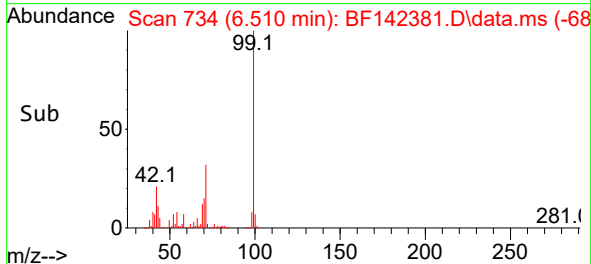
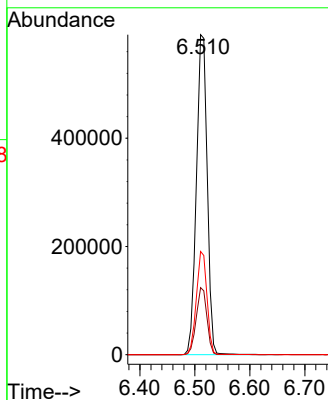
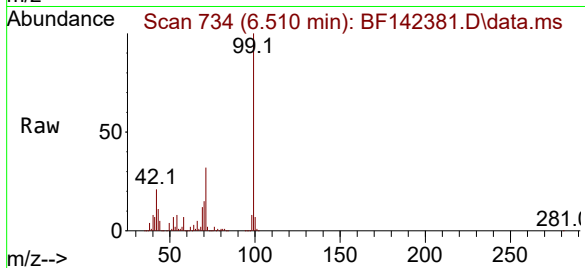




#7
Phenol-d6
Concen: 58.291 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

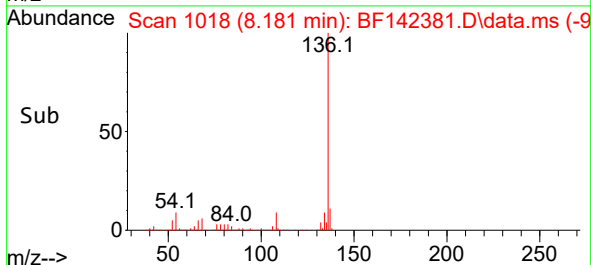
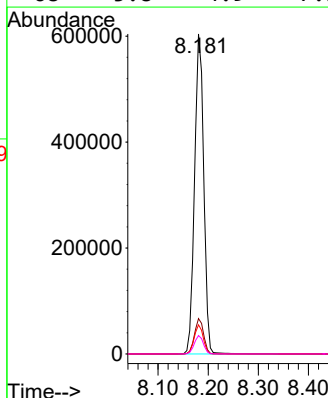
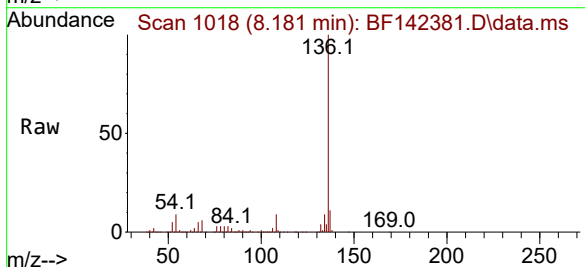
Instrument :
BNA_F
ClientSampleId :
MH-J

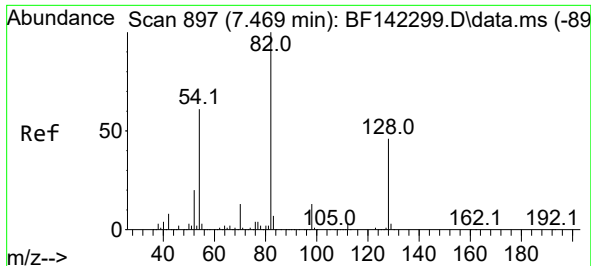
Tgt Ion: 99 Resp: 811242
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

Tgt Ion: 136 Resp: 765450
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 36.622 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142381.D

Acq: 14 May 2025 22:32

Instrument :

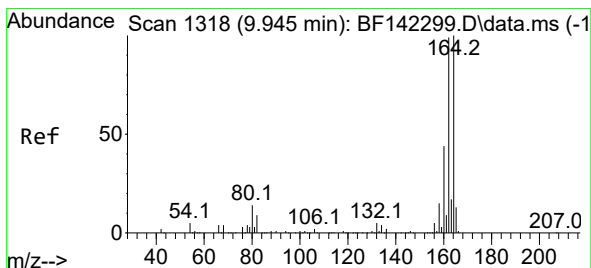
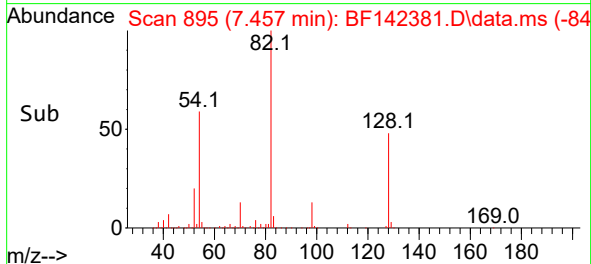
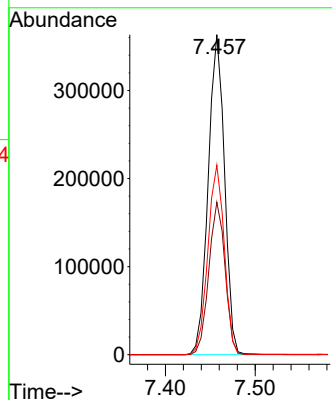
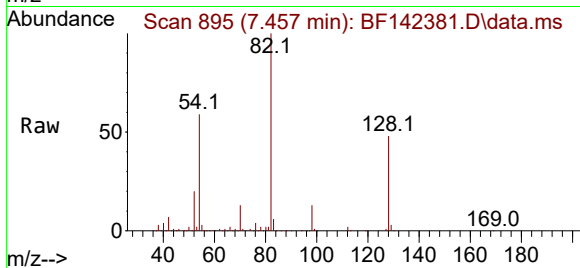
BNA_F

ClientSampleId :

MH-J

Tgt Ion: 82 Resp: 459638

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.0	55.6
54	59.2	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

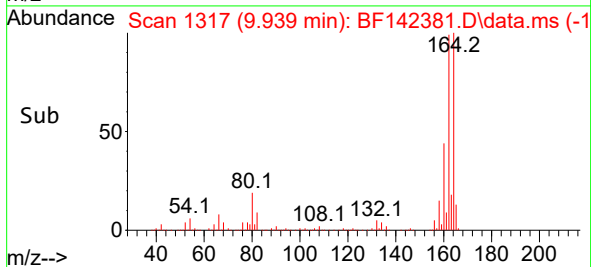
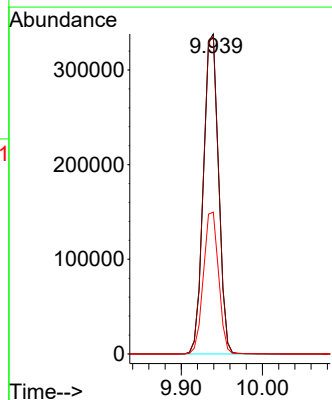
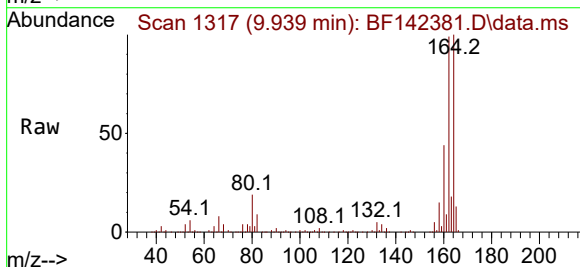
Delta R.T. -0.006 min

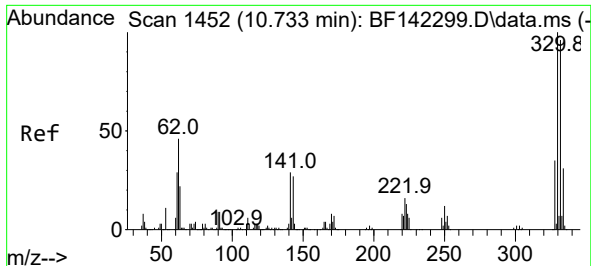
Lab File: BF142381.D

Acq: 14 May 2025 22:32

Tgt Ion: 164 Resp: 436396

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.2	118.8
160	44.3	35.3	52.9

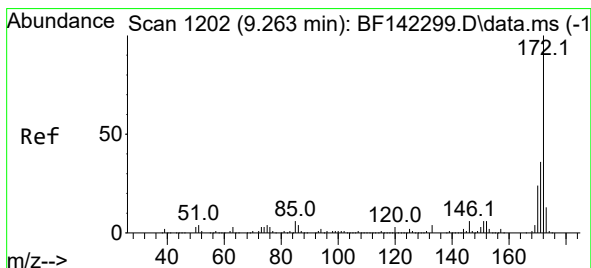
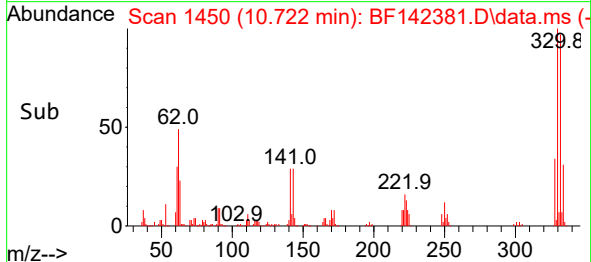
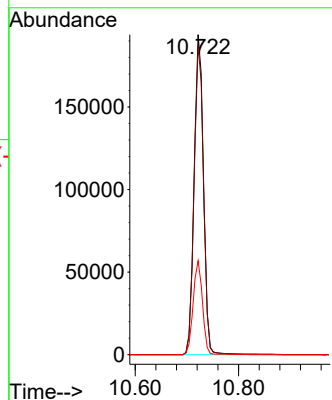
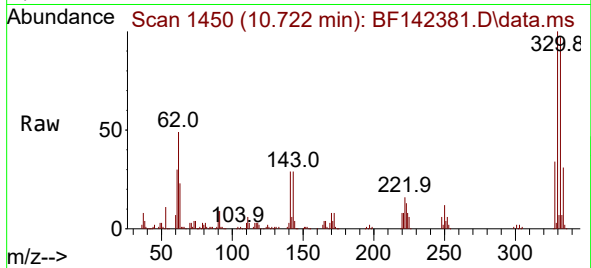




#42
2,4,6-Tribromophenol
Concen: 57.945 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

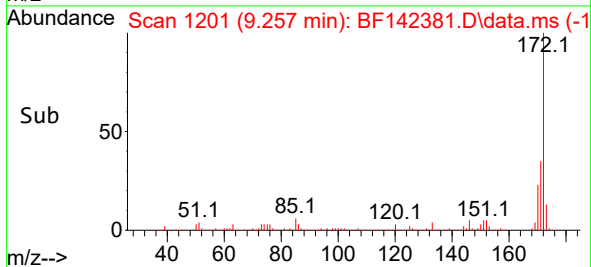
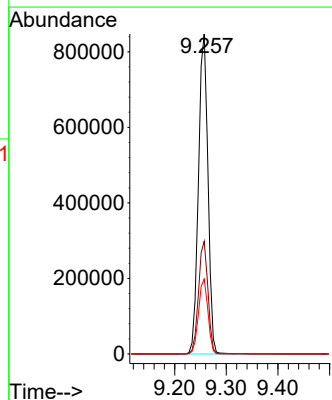
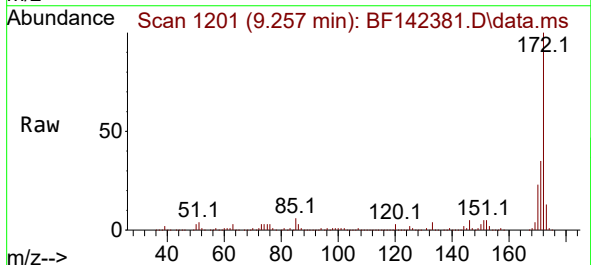
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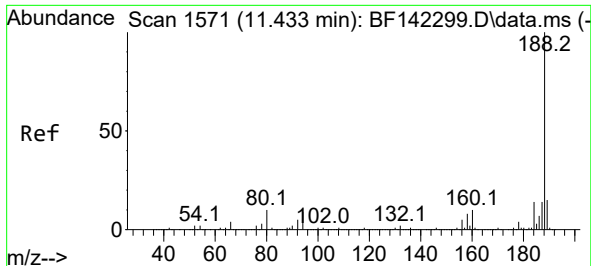
Tgt Ion:330 Resp: 244140
Ion Ratio Lower Upper
330 100
332 96.9 76.8 115.2
141 29.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 35.214 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

Tgt Ion:172 Resp: 1077748
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.4 19.0 28.4

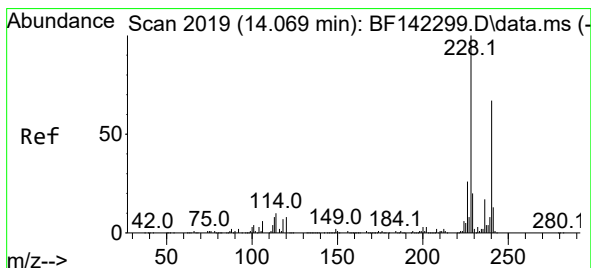
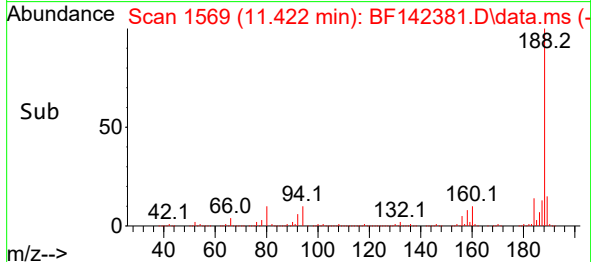
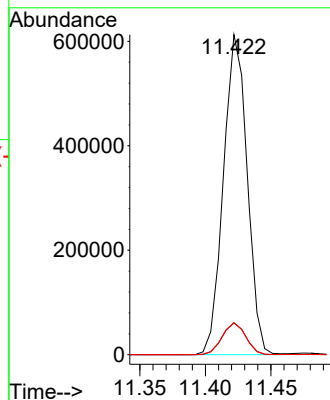
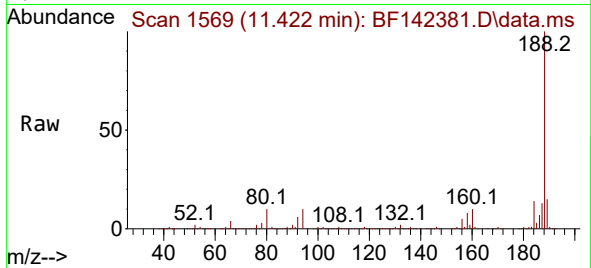




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

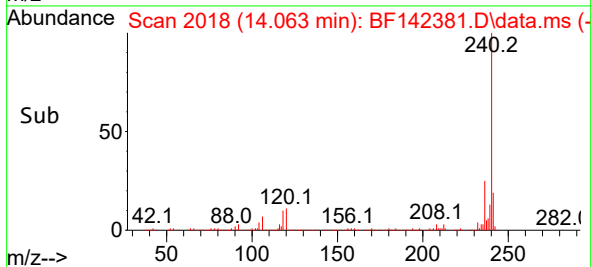
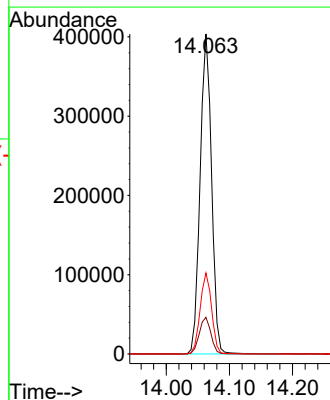
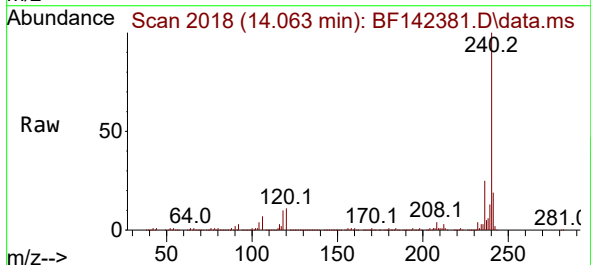
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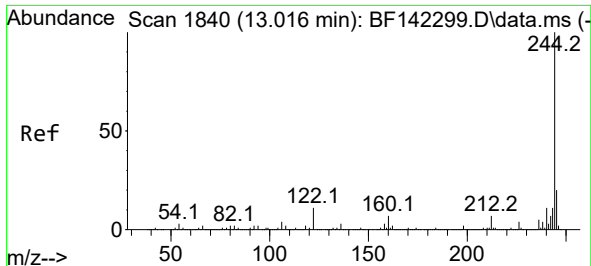
Tgt Ion:188 Resp: 772497
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142381.D
Acq: 14 May 2025 22:32

Tgt Ion:240 Resp: 508245
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.3 20.0 30.0

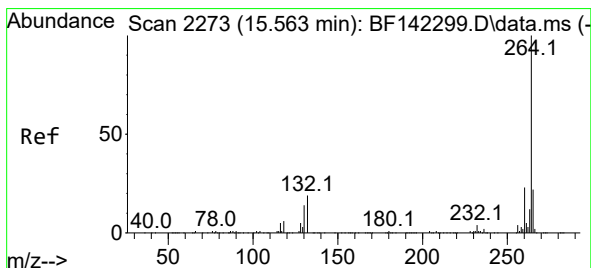
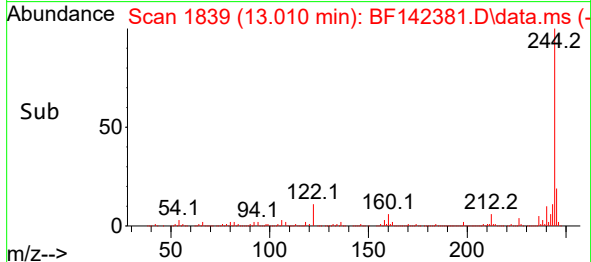
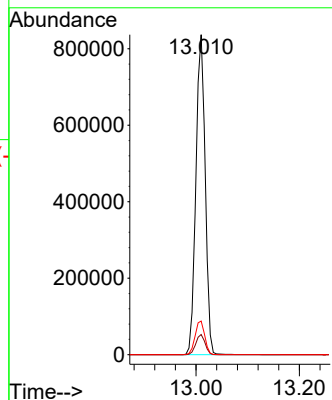
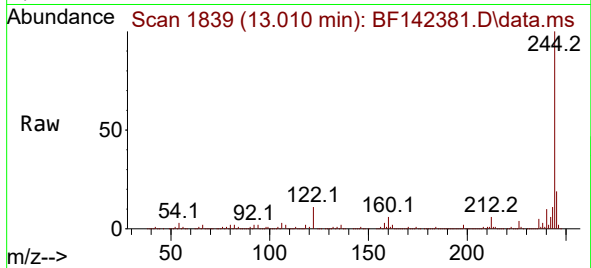




#79
 Terphenyl-d14
 Concen: 30.434 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142381.D
 Acq: 14 May 2025 22:32

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Tgt Ion:244 Resp: 1045058
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142381.D
 Acq: 14 May 2025 22:32

Tgt Ion:264 Resp: 435987
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.4 17.5 26.3

