

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142319.D
 Acq On : 12 May 2025 14:43
 Operator : RC/JU
 Sample : Q1964-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-LL

Quant Time: May 12 15:14:32 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	6.904	152	228428	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	855682	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	463504	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	800520	20.000	ng	0.00
76) Chrysene-d12	14.068	240	465745	20.000	ng	0.00
86) Perylene-d12	15.557	264	265429	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1567854	117.168	ng	0.02
7) Phenol-d6	6.522	99	1756147	106.705	ng	0.00
23) Nitrobenzene-d5	7.463	82	1163992	82.961	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	584145	130.534	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2454618	75.511	ng	0.00
79) Terphenyl-d14	13.016	244	2393132	76.052	ng	0.00

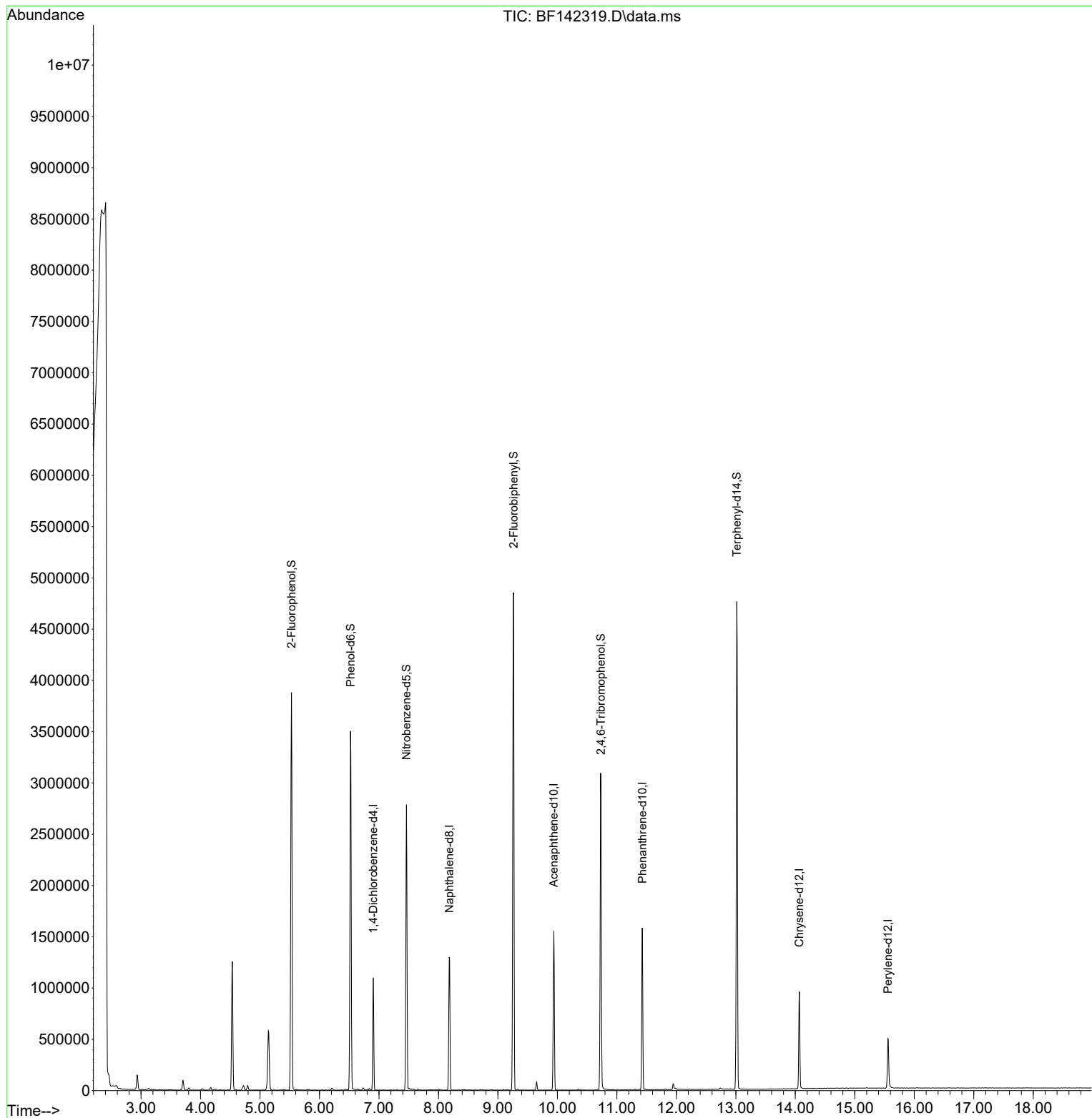
Target Compounds	Qvalue

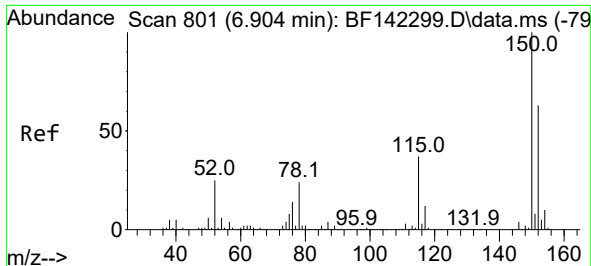
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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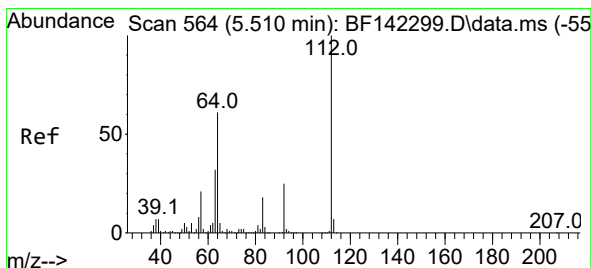
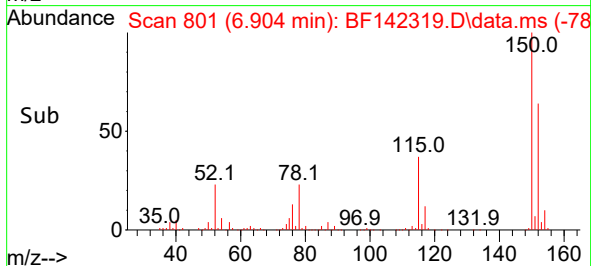
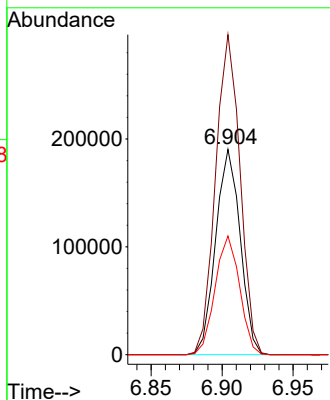
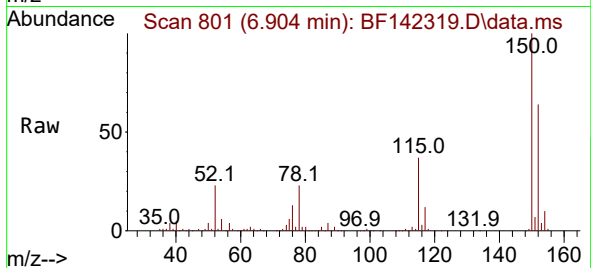




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

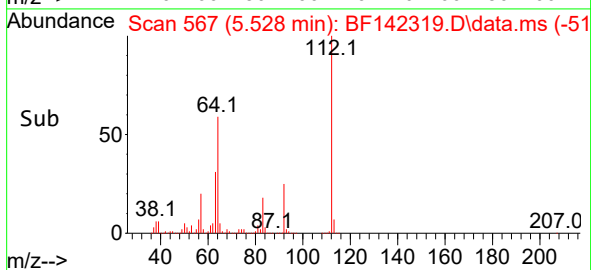
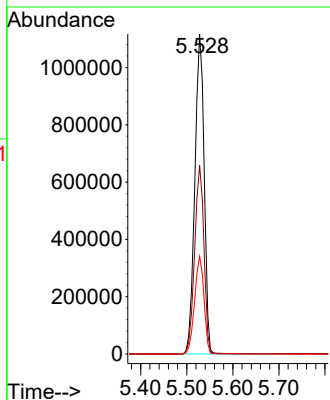
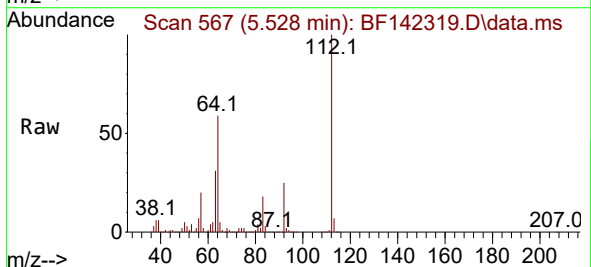
Instrument :
BNA_F
ClientSampleId :
MH-LL

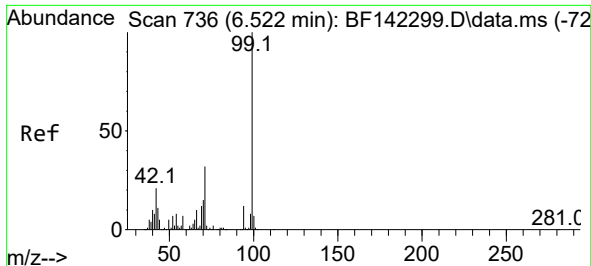
Tgt Ion:152 Resp: 228428
Ion Ratio Lower Upper
152 100
150 155.8 126.6 190.0
115 57.8 47.3 70.9



#5
2-Fluorophenol
Concen: 117.168 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

Tgt Ion:112 Resp: 1567854
Ion Ratio Lower Upper
112 100
64 58.9 48.9 73.3
63 30.5 25.6 38.4

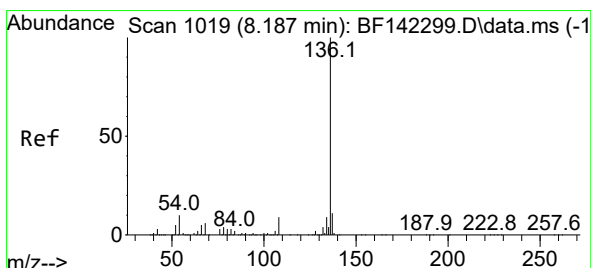
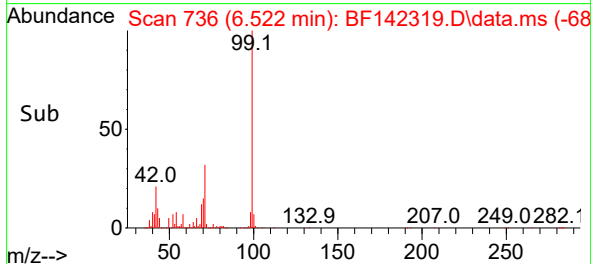
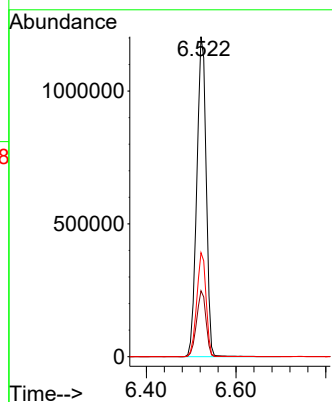
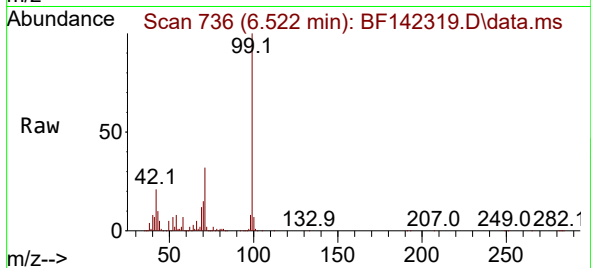




#7
Phenol-d6
Concen: 106.705 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

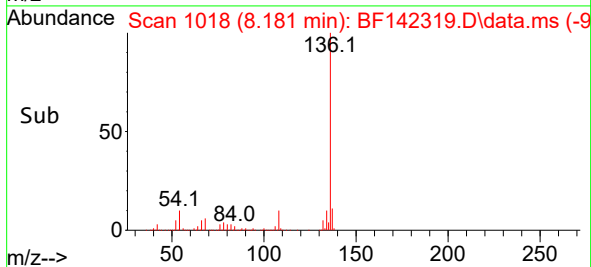
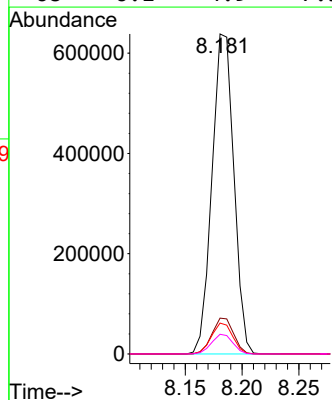
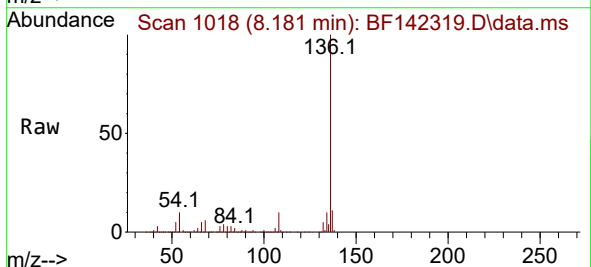
Instrument :
BNA_F
ClientSampleId :
MH-LL

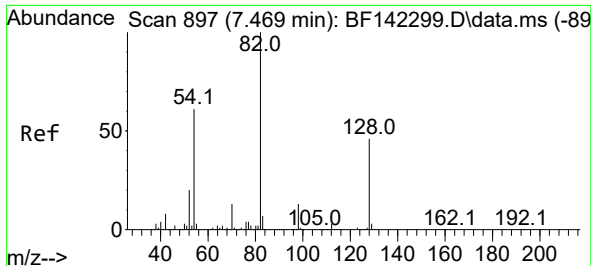
Tgt Ion: 99 Resp: 1756147
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 32.5 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

Tgt Ion:136 Resp: 855682
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.7 7.7 11.5
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.961 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142319.D

Acq: 12 May 2025 14:43

Instrument :

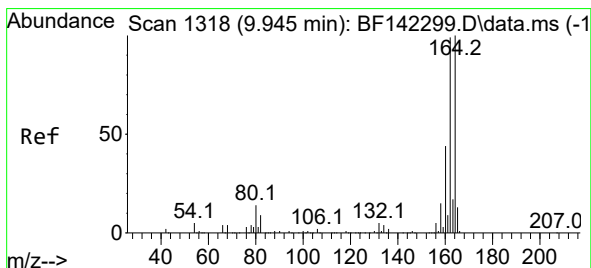
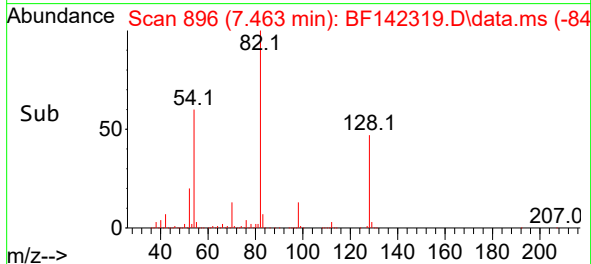
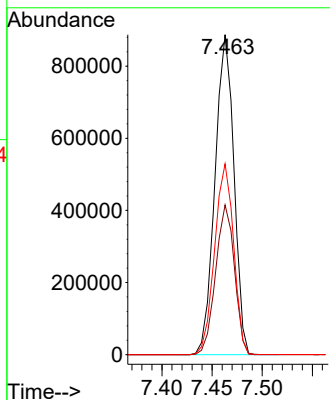
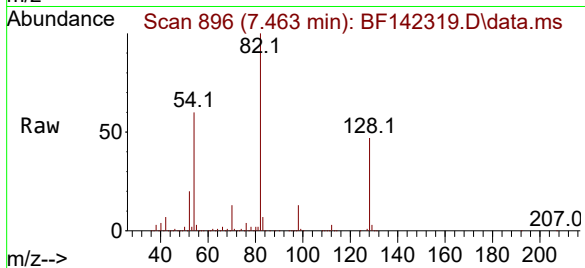
BNA_F

ClientSampleId :

MH-LL

Tgt Ion: 82 Resp: 1163992

Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.0	55.6
54	59.6	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

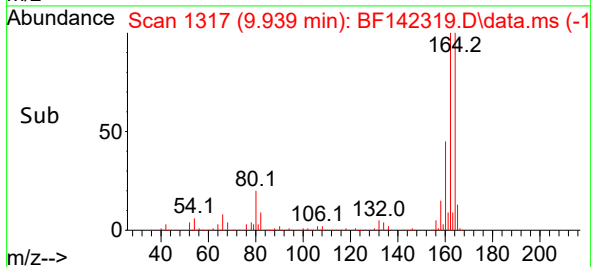
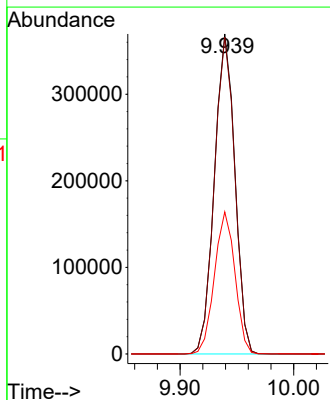
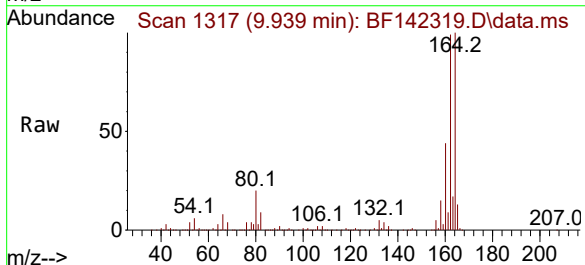
Delta R.T. -0.006 min

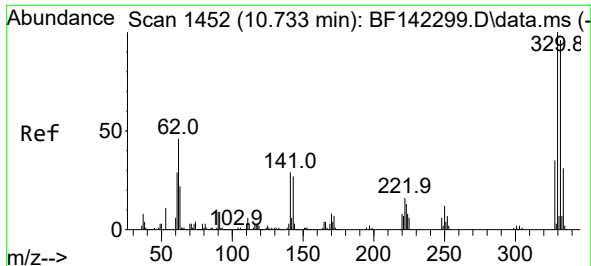
Lab File: BF142319.D

Acq: 12 May 2025 14:43

Tgt Ion:164 Resp: 463504

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.2	118.8
160	44.4	35.3	52.9

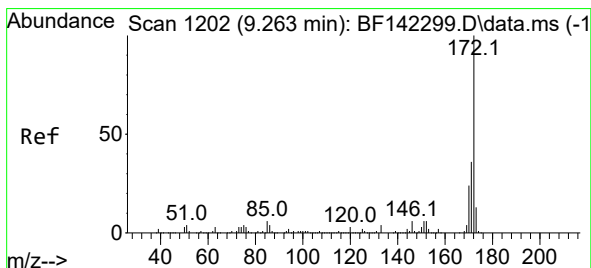
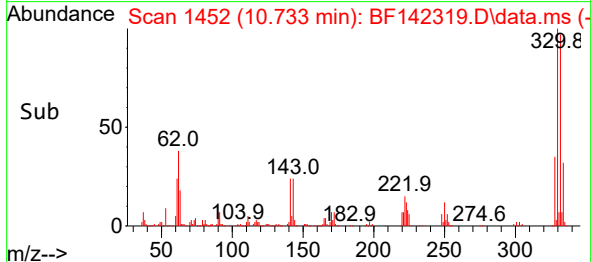
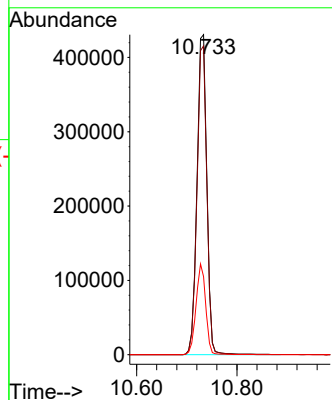
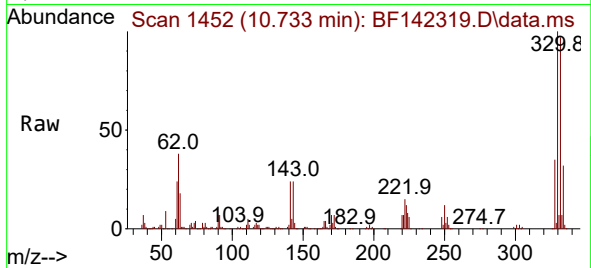




#42
2,4,6-Tribromophenol
Concen: 130.534 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

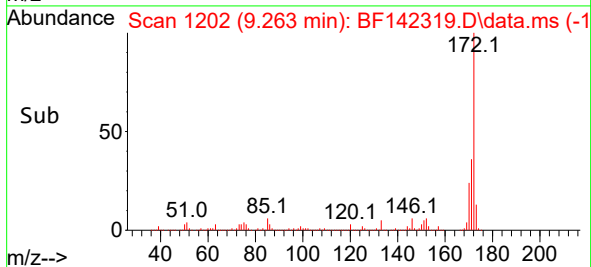
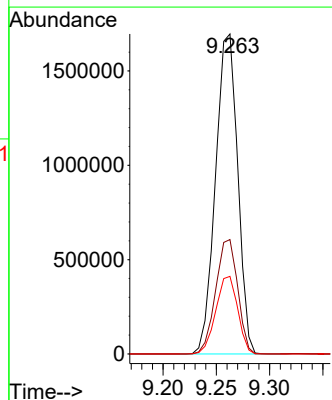
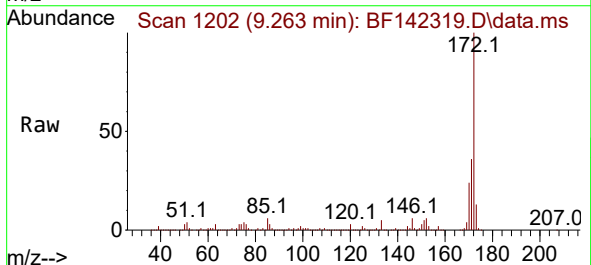
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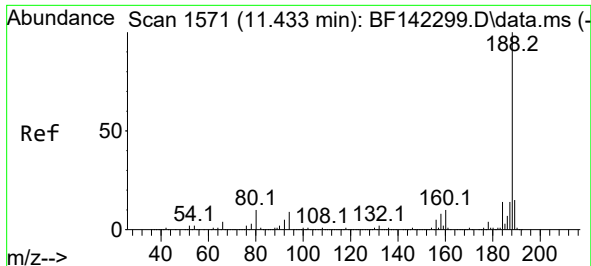
Tgt Ion:330 Resp: 584145
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 28.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 75.511 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

Tgt Ion:172 Resp: 2454618
Ion Ratio Lower Upper
172 100
171 35.7 28.6 42.8
170 24.2 19.0 28.4

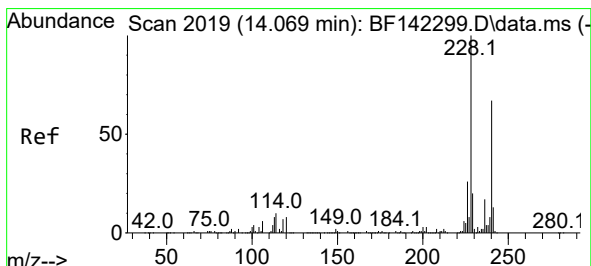
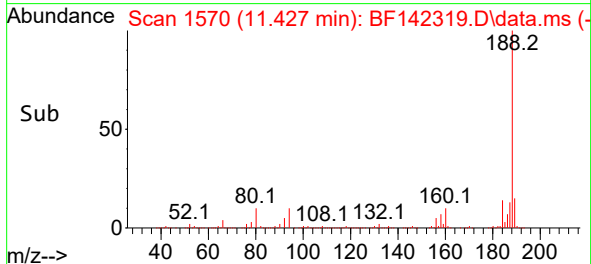
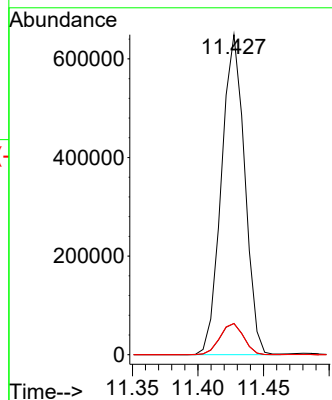
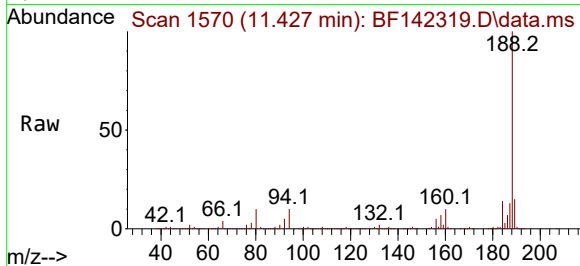




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

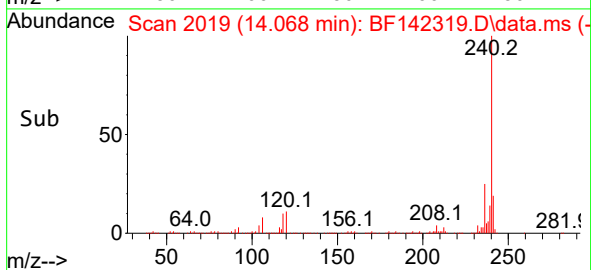
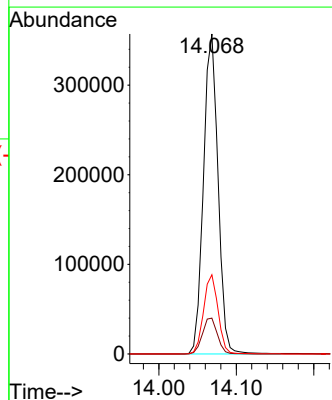
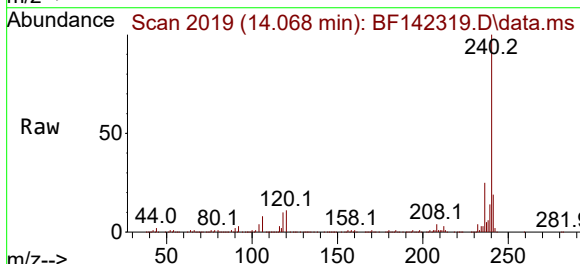
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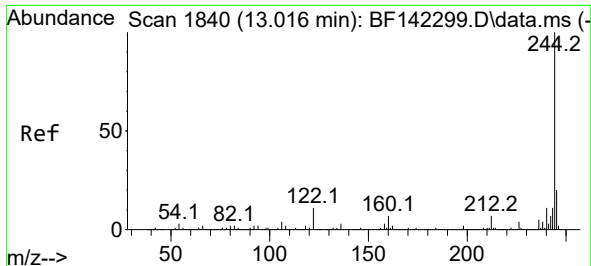
Tgt Ion:188 Resp: 800520
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142319.D
Acq: 12 May 2025 14:43

Tgt Ion:240 Resp: 465745
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 24.7 20.0 30.0

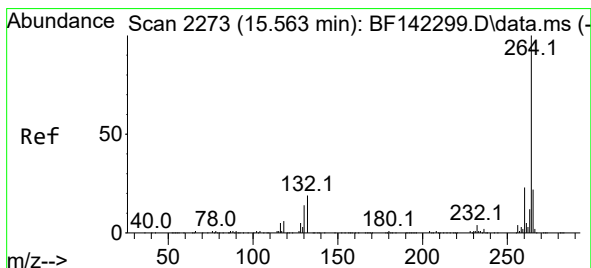
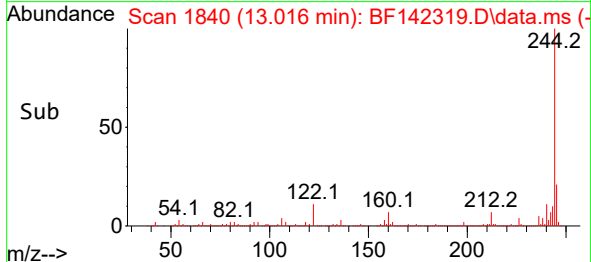
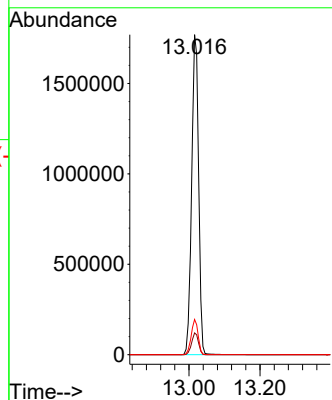
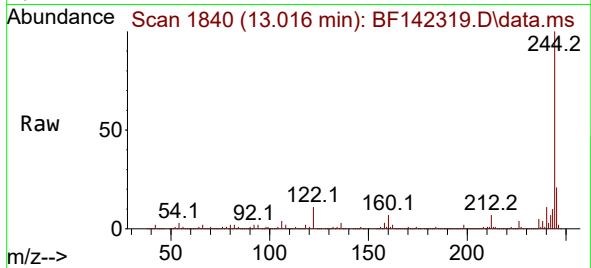




#79
 Terphenyl-d14
 Concen: 76.052 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142319.D
 Acq: 12 May 2025 14:43

Instrument :
 BNA_F
 ClientSampleId :
 MH-LL

Tgt Ion:244 Resp: 2393132
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142319.D
 Acq: 12 May 2025 14:43

Tgt Ion:264 Resp: 265429
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.6 27.8
 265 20.3 17.5 26.3

