

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142290.D
 Acq On : 02 May 2025 19:44
 Operator : RC/JU
 Sample : Q1917-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-JJ

Quant Time: May 02 22:49:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	213127	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	812533	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	417584	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	694038	20.000	ng	0.00
76) Chrysene-d12	14.062	240	406043	20.000	ng	-0.01
86) Perylene-d12	15.557	264	323074	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1615998	121.094	ng	0.01
7) Phenol-d6	6.528	99	1875965	116.411	ng	0.00
23) Nitrobenzene-d5	7.463	82	1186098	95.902	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	550588	144.631	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2323926	78.467	ng	0.00
79) Terphenyl-d14	13.015	244	2173979	77.870	ng	0.00

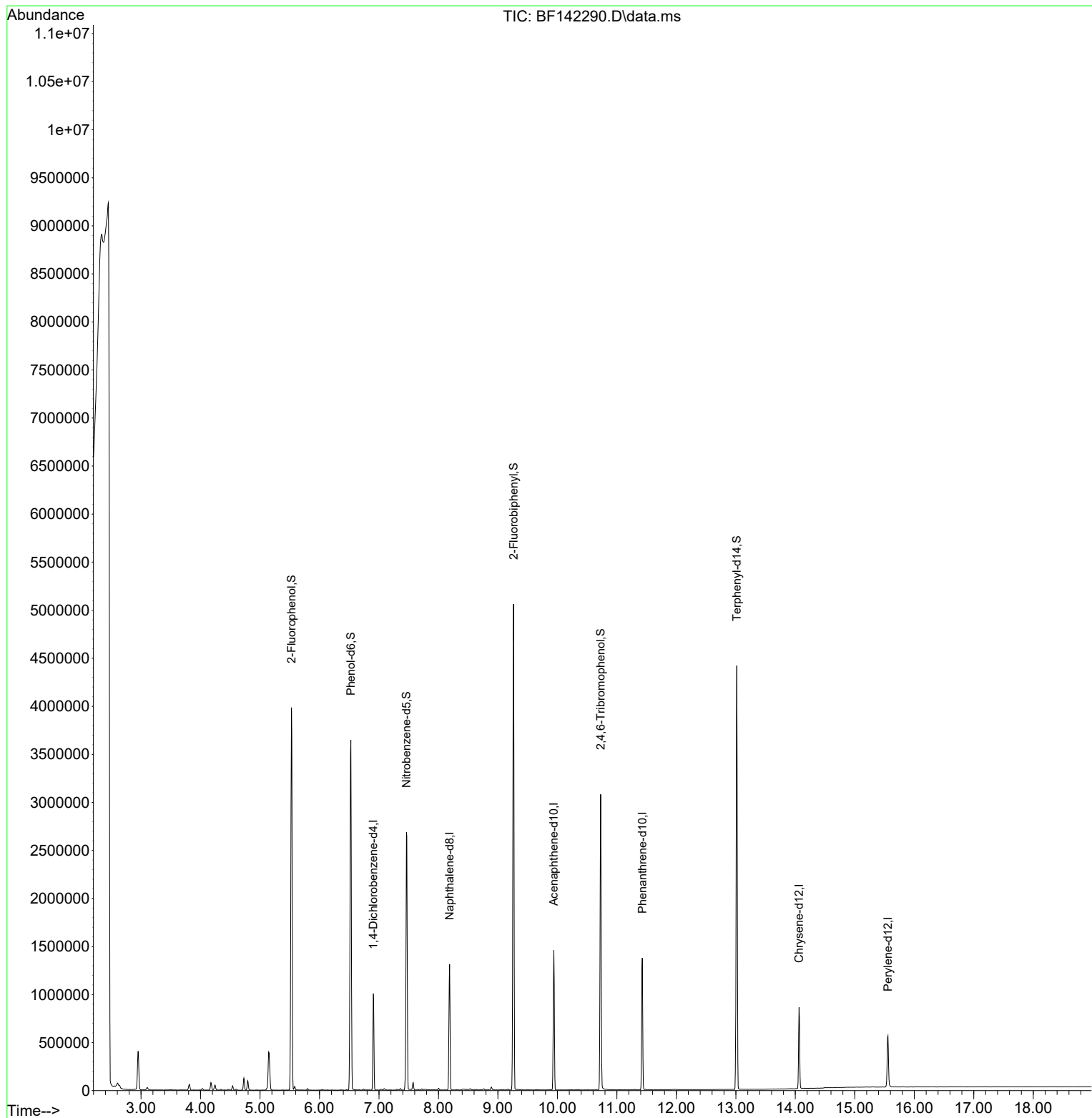
Target Compounds	Qvalue

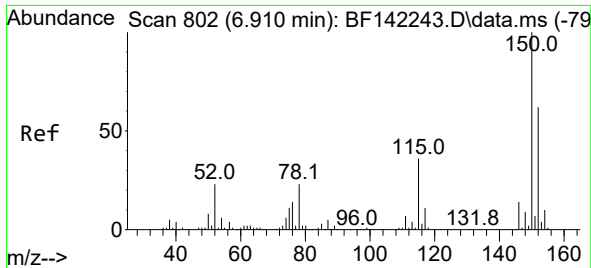
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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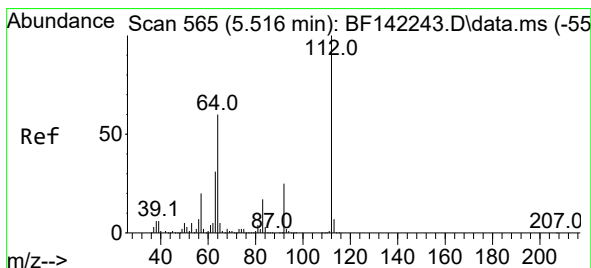
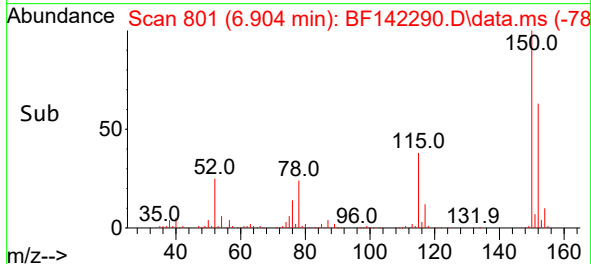
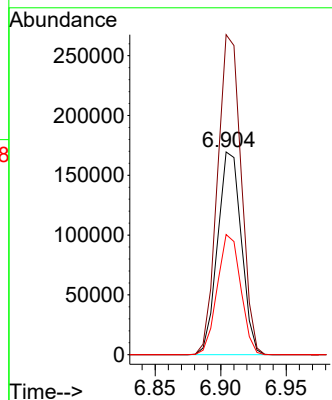
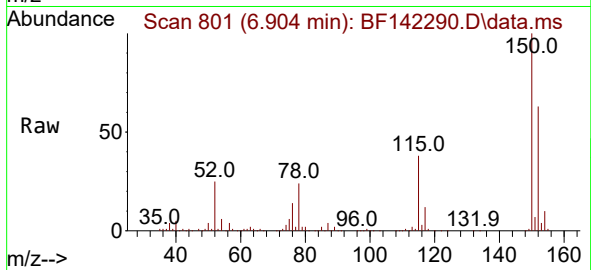




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142290.D
 Acq: 02 May 2025 19:44

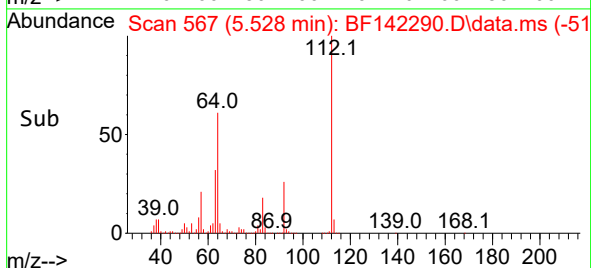
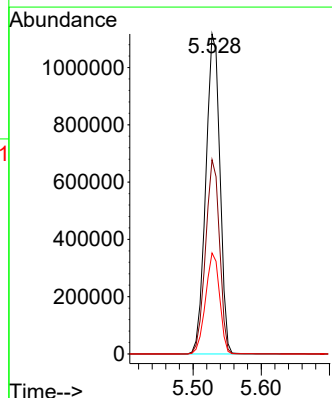
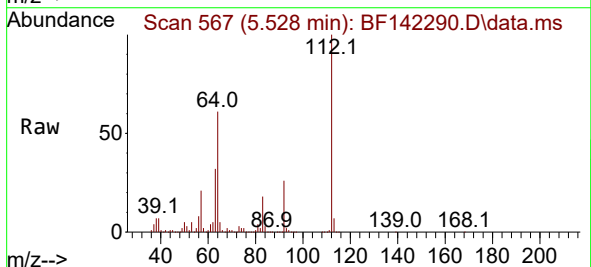
Instrument :
 BNA_F
 ClientSampleId :
 MH-JJ

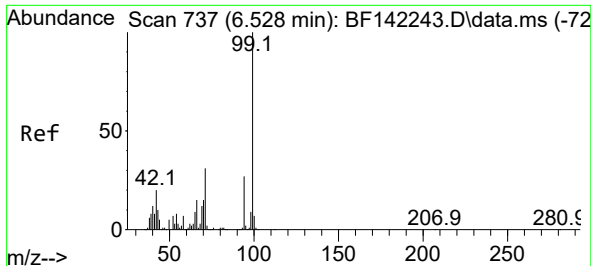
Tgt Ion:152 Resp: 213127
 Ion Ratio Lower Upper
 152 100
 150 157.8 130.2 195.2
 115 59.3 47.0 70.4



#5
 2-Fluorophenol
 Concen: 121.094 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142290.D
 Acq: 02 May 2025 19:44

Tgt Ion:112 Resp: 1615998
 Ion Ratio Lower Upper
 112 100
 64 60.7 48.4 72.6
 63 31.5 24.8 37.2

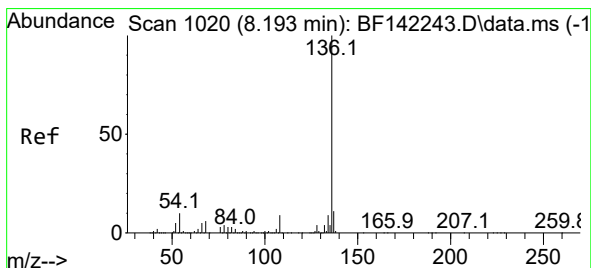
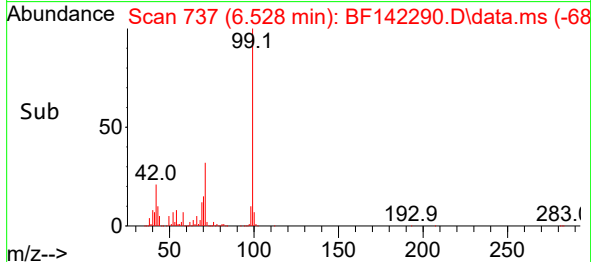
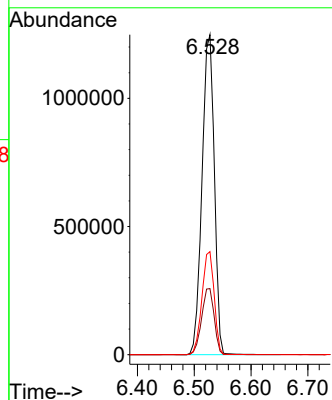
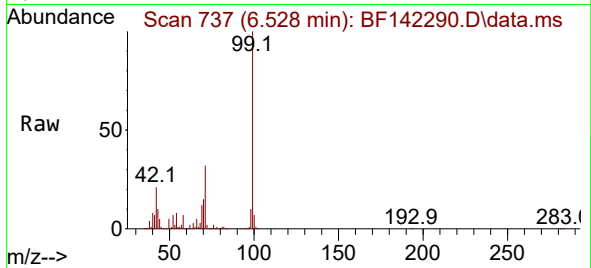




#7
Phenol-d6
Concen: 116.411 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

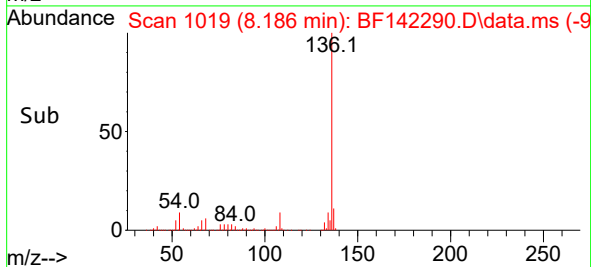
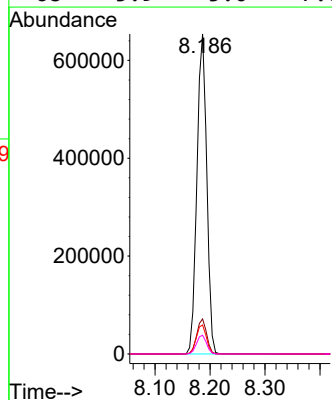
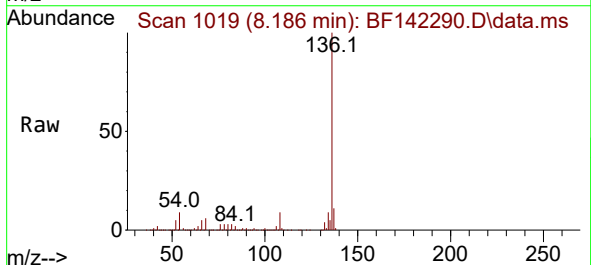
Instrument :
BNA_F
ClientSampleId :
MH-JJ

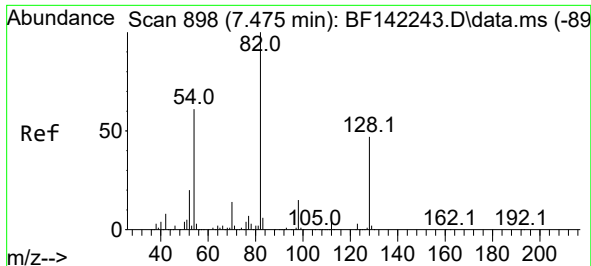
Tgt Ion: 99 Resp: 1875965
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:136 Resp: 812533
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.1 7.7 11.5
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.902 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142290.D

Acq: 02 May 2025 19:44

Instrument :

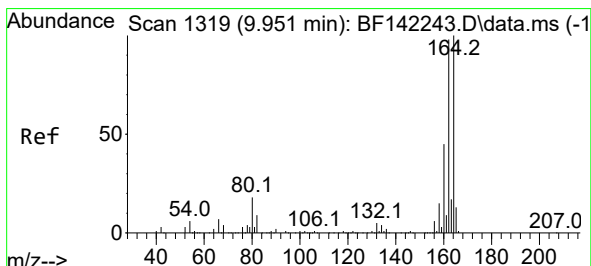
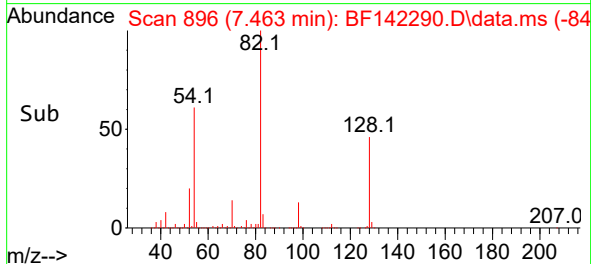
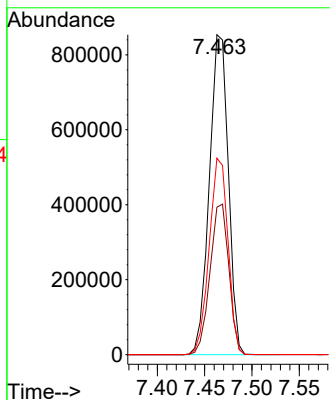
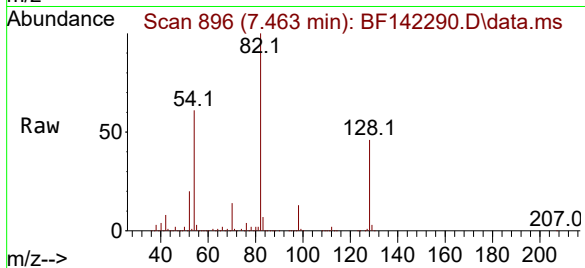
BNA_F

ClientSampleId :

MH-JJ

Tgt Ion: 82 Resp: 1186098

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.0	55.6
54	61.4	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

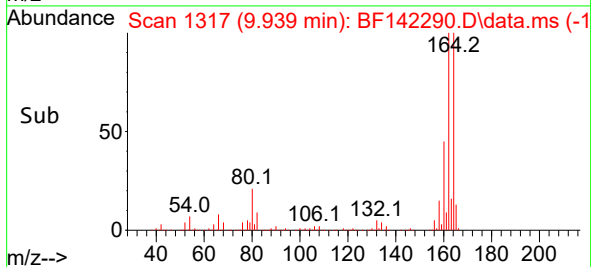
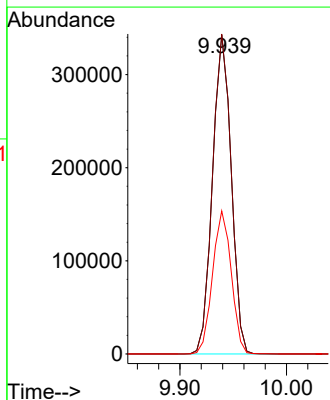
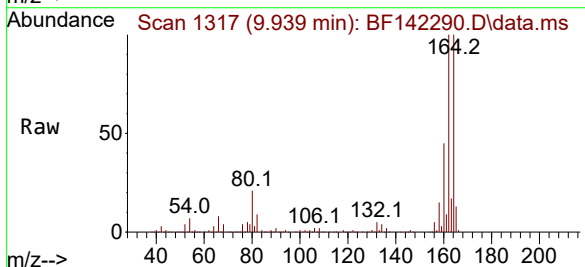
Delta R.T. -0.012 min

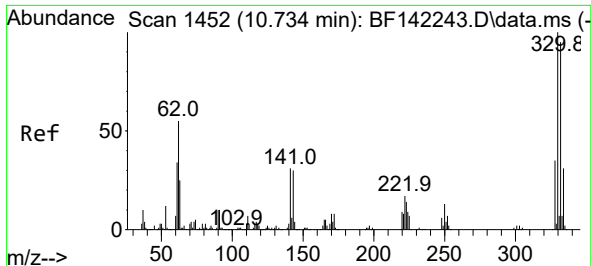
Lab File: BF142290.D

Acq: 02 May 2025 19:44

Tgt Ion:164 Resp: 417584

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.6	117.8
160	44.9	35.7	53.5

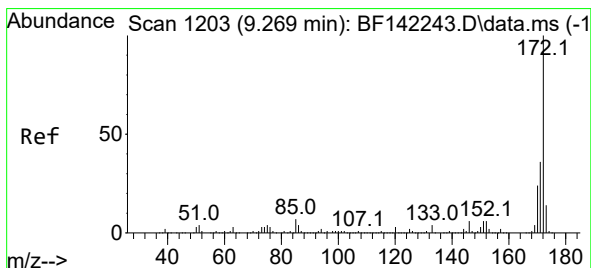
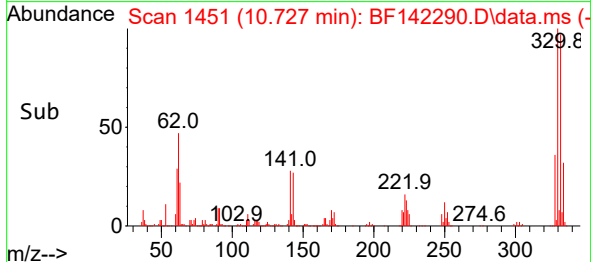
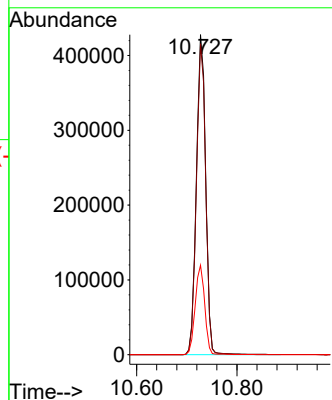
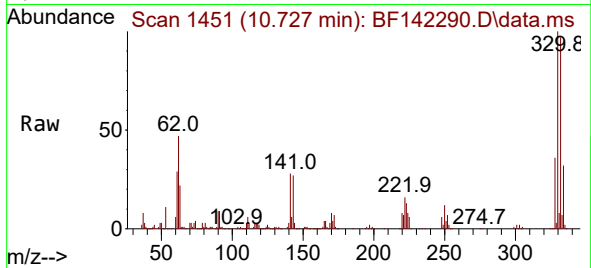




#42
2,4,6-Tribromophenol
Concen: 144.631 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

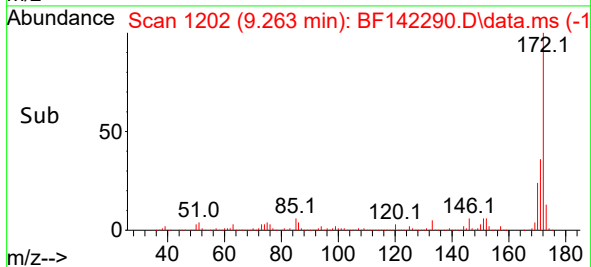
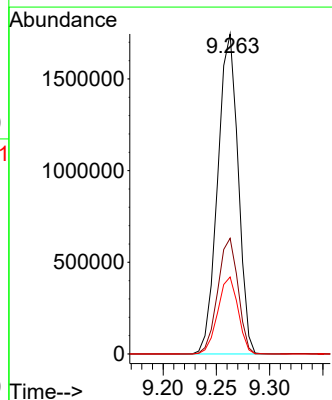
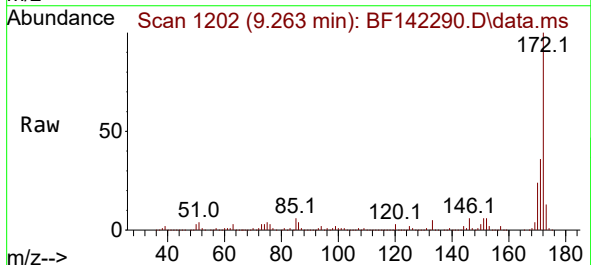
Instrument :
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MH-JJ

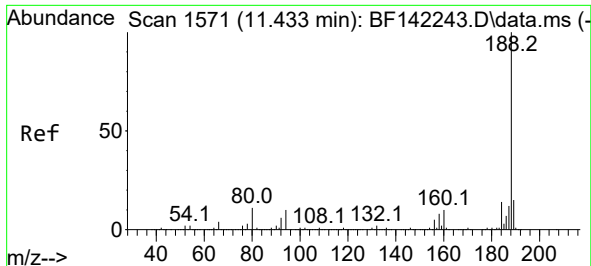
Tgt Ion:330 Resp: 550588
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 28.7 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 78.467 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:172 Resp: 2323926
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.0 19.4 29.0

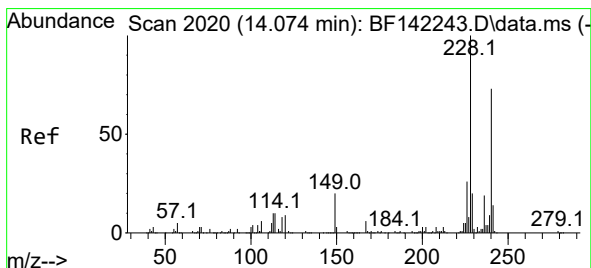
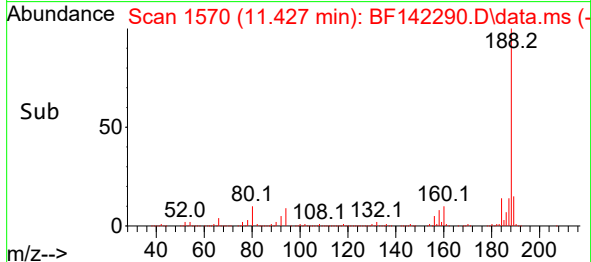
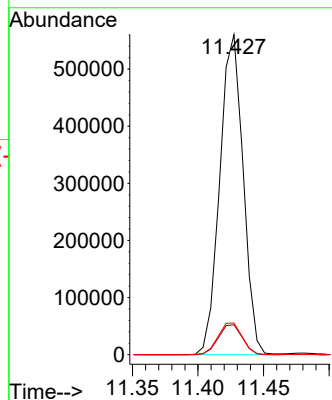
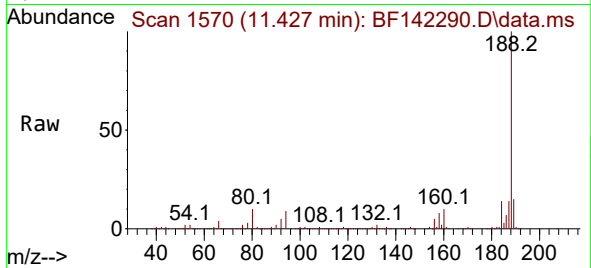




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

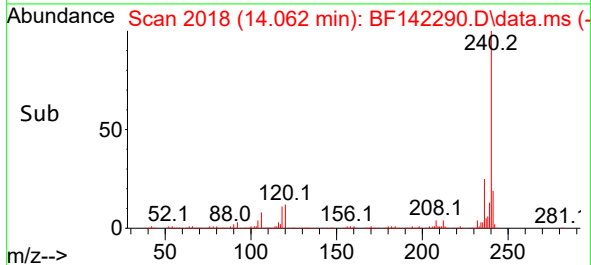
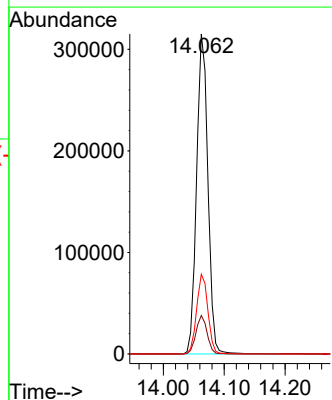
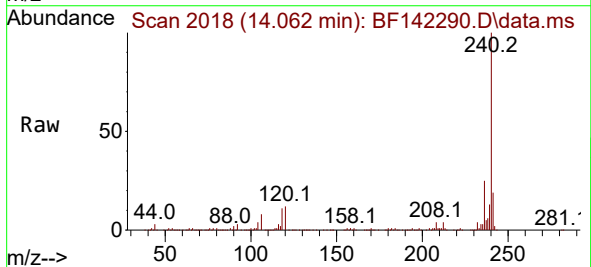
Instrument :
BNA_F
ClientSampleId :
MH-JJ

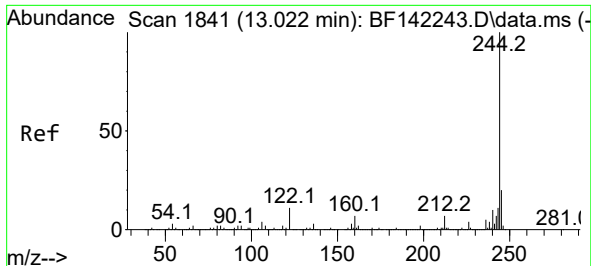
Tgt Ion:188 Resp: 694038
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142290.D
Acq: 02 May 2025 19:44

Tgt Ion:240 Resp: 406043
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 24.9 20.5 30.7

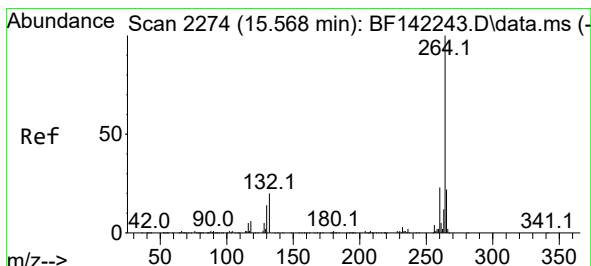
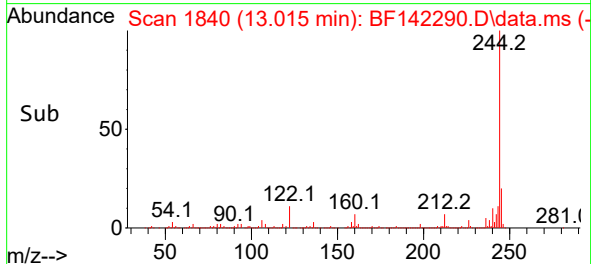
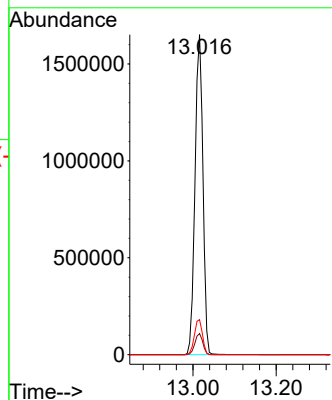
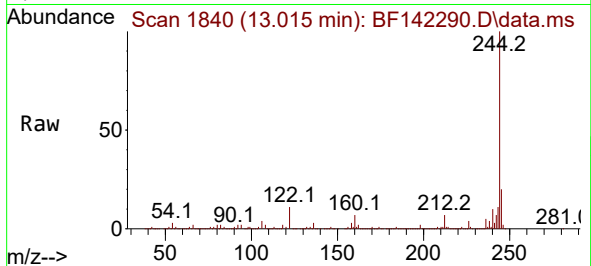




#79
 Terphenyl-d14
 Concen: 77.870 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142290.D
 Acq: 02 May 2025 19:44

Instrument :
 BNA_F
 ClientSampleId :
 MH-JJ

Tgt Ion:244 Resp: 2173979
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142290.D
 Acq: 02 May 2025 19:44

Tgt Ion:264 Resp: 323074
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.3 17.3 25.9

