

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142291.D
 Acq On : 02 May 2025 20:13
 Operator : RC/JU
 Sample : Q1922-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-R

Quant Time: May 02 22:49:39 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	190143	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	720019	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	369431	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	611405	20.000	ng	0.00
76) Chrysene-d12	14.062	240	356194	20.000	ng	-0.01
86) Perylene-d12	15.556	264	279203	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1400419	117.625	ng	0.01
7) Phenol-d6	6.522	99	1645928	114.483	ng	0.00
23) Nitrobenzene-d5	7.463	82	1019471	93.020	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	473950	140.727	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2035016	77.668	ng	0.00
79) Terphenyl-d14	13.015	244	1882025	76.847	ng	0.00

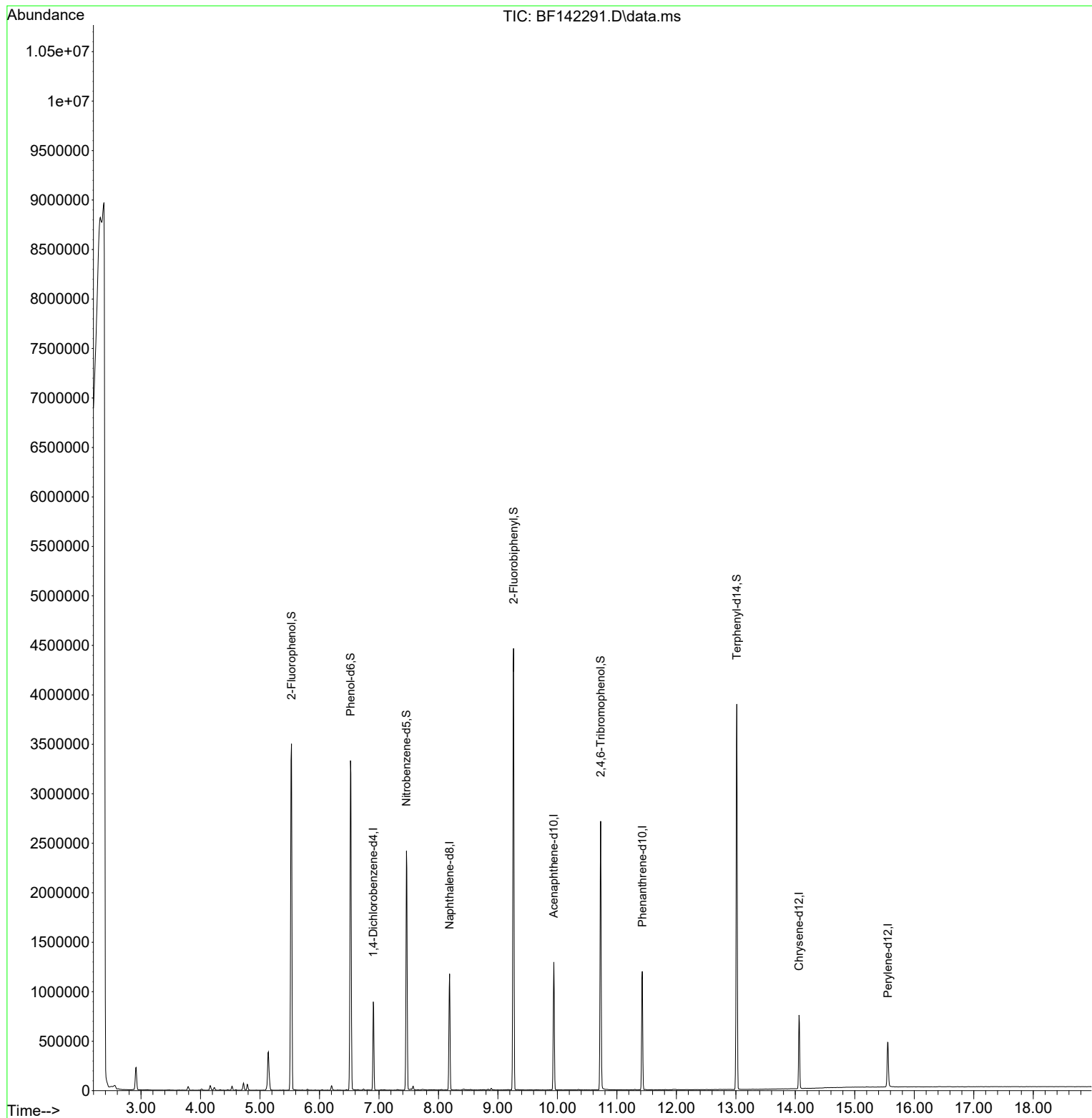
Target Compounds	Qvalue

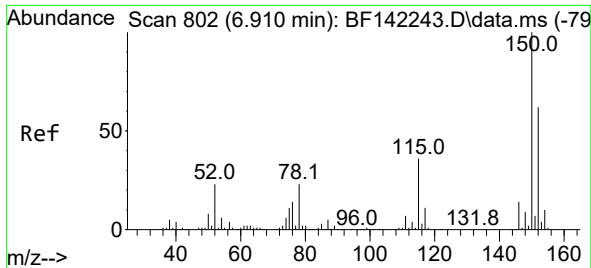
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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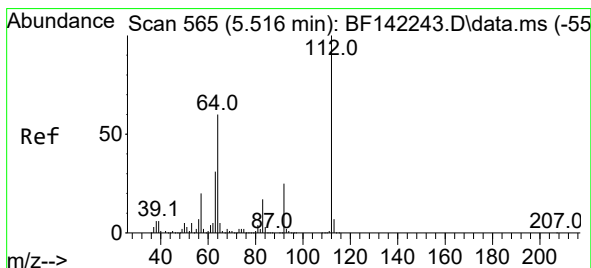
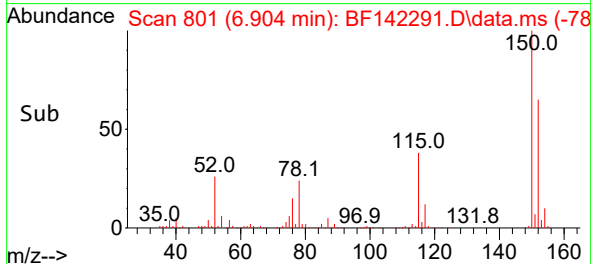
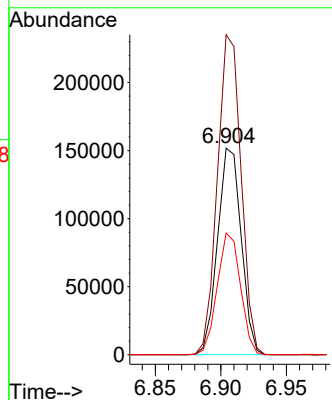
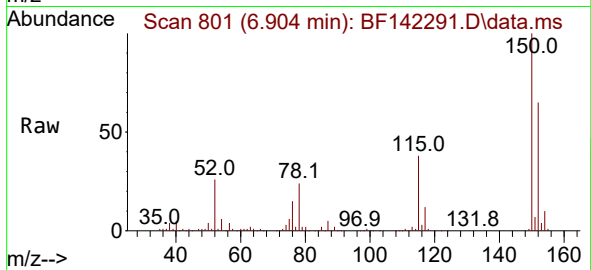




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

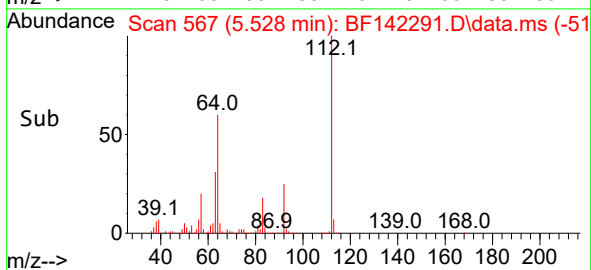
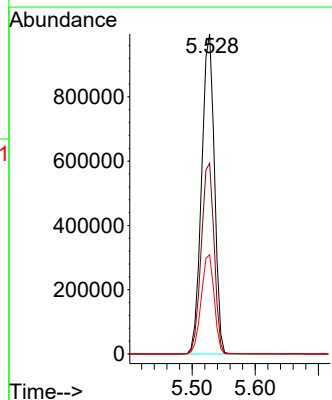
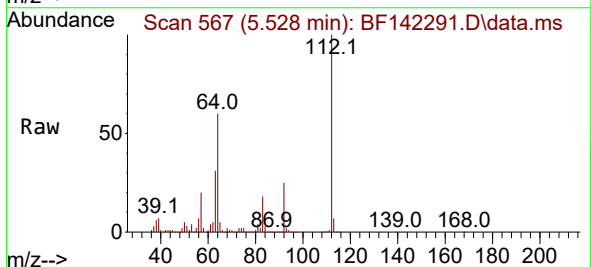
Instrument :
BNA_F
ClientSampleId :
MH-R

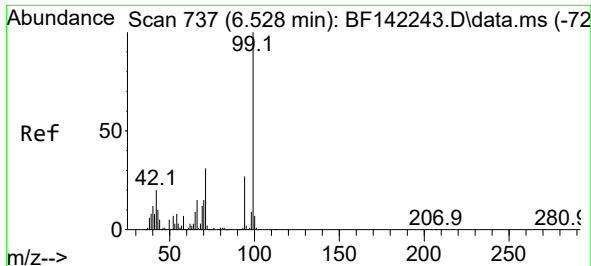
Tgt Ion:152 Resp: 190143
Ion Ratio Lower Upper
152 100
150 154.9 130.2 195.2
115 58.9 47.0 70.4



#5
2-Fluorophenol
Concen: 117.625 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.011 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion:112 Resp: 1400419
Ion Ratio Lower Upper
112 100
64 59.6 48.4 72.6
63 31.0 24.8 37.2

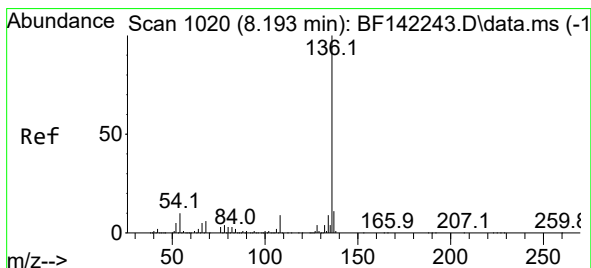
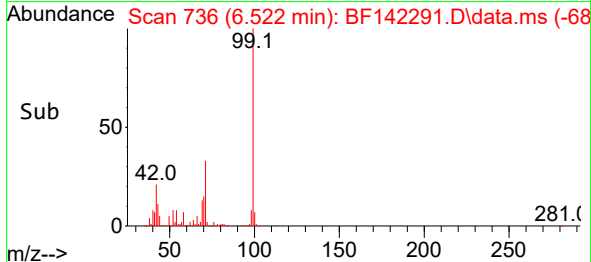
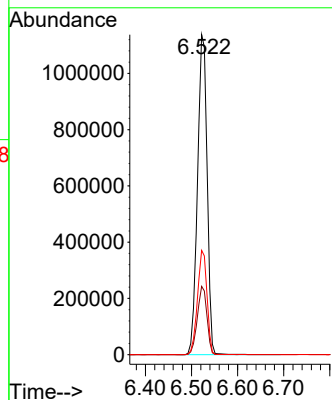
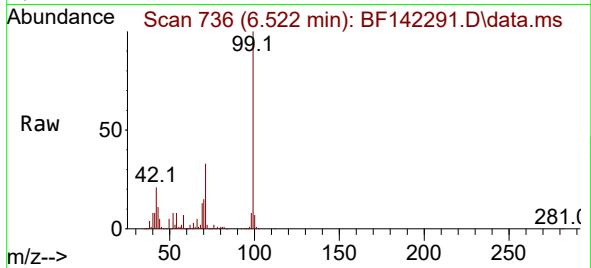




#7
Phenol-d6
Concen: 114.483 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

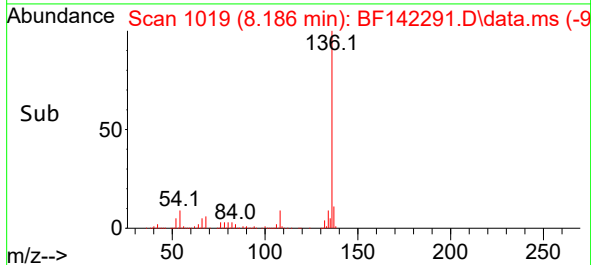
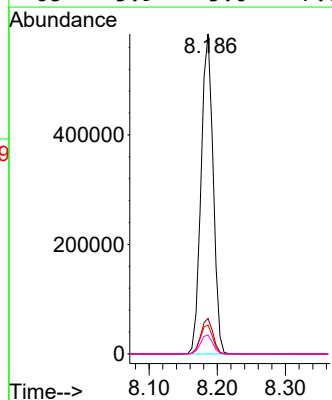
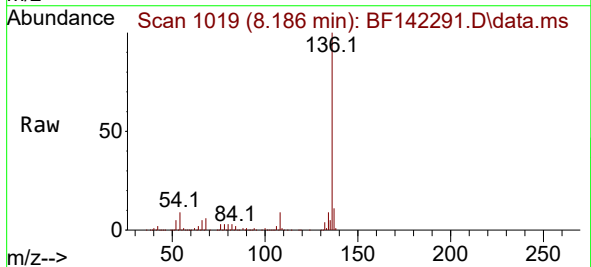
Instrument :
BNA_F
ClientSampleId :
MH-R

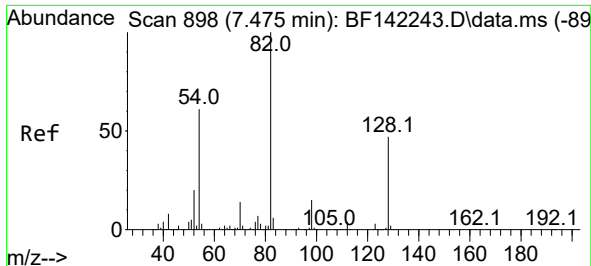
Tgt Ion: 99 Resp: 1645928
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion: 136 Resp: 720019
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.1 7.7 11.5
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.020 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142291.D

Acq: 02 May 2025 20:13

Instrument :

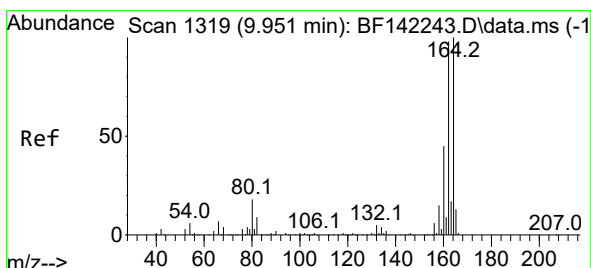
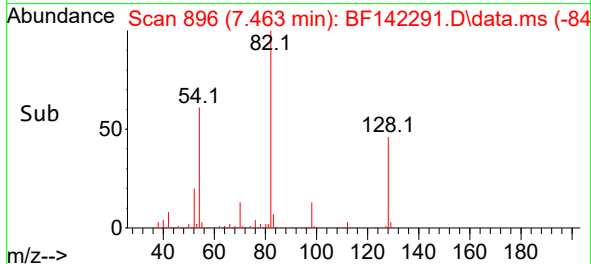
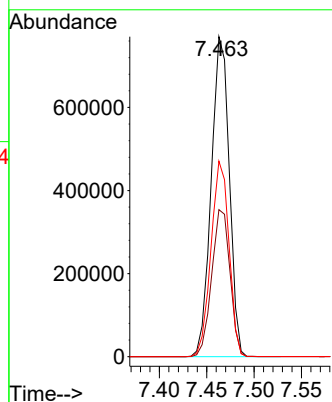
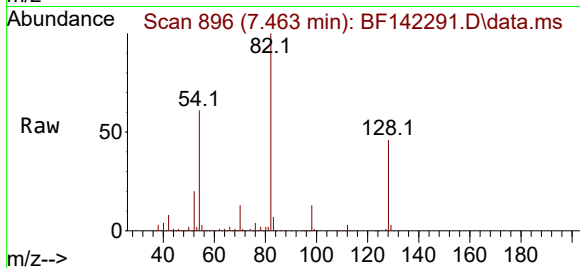
BNA_F

ClientSampleId :

MH-R

Tgt Ion: 82 Resp: 1019471

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.6
54	61.1	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

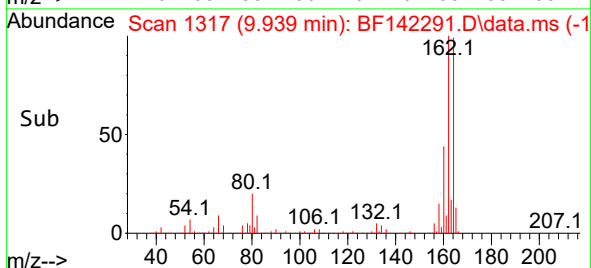
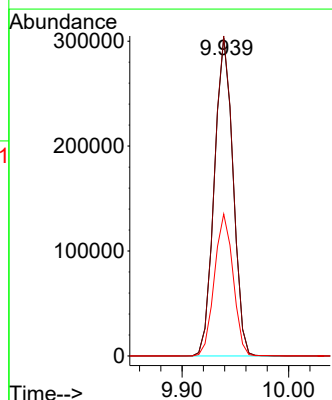
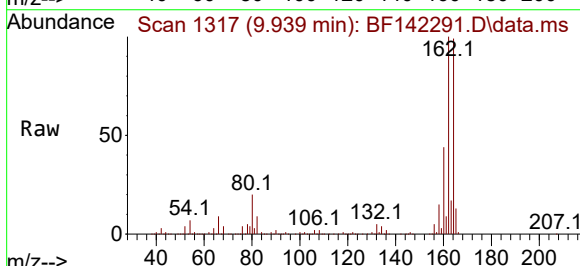
Delta R.T. -0.012 min

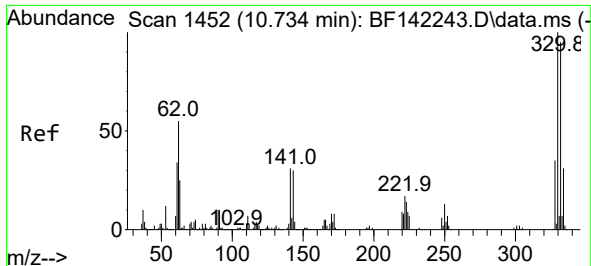
Lab File: BF142291.D

Acq: 02 May 2025 20:13

Tgt Ion:164 Resp: 369431

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.6	117.8
160	44.6	35.7	53.5

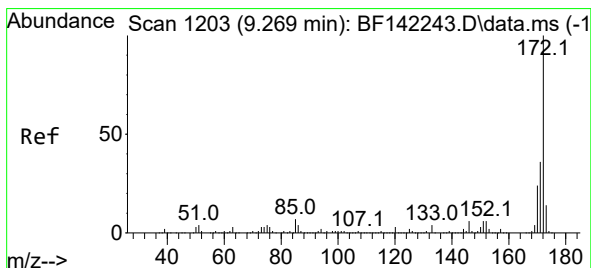
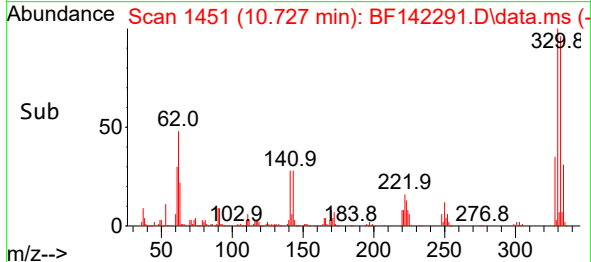
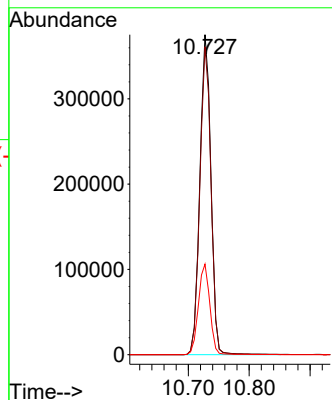
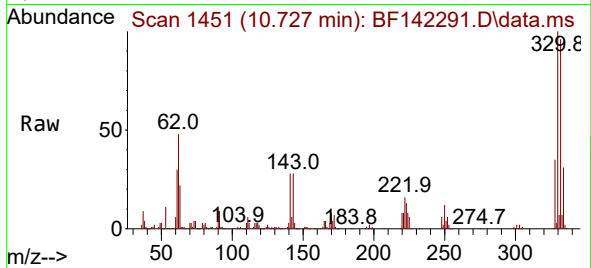




#42
2,4,6-Tribromophenol
Concen: 140.727 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

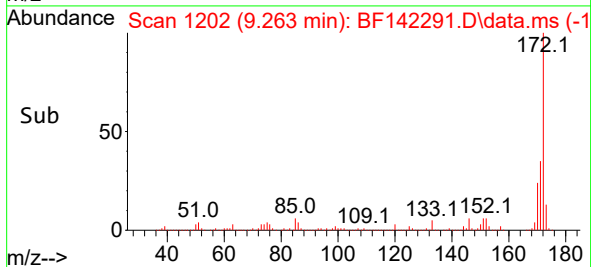
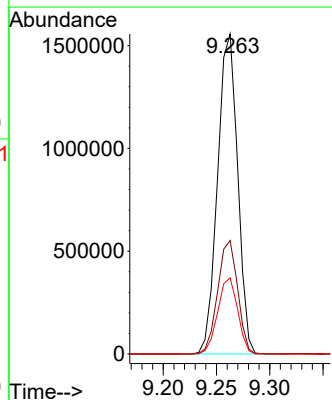
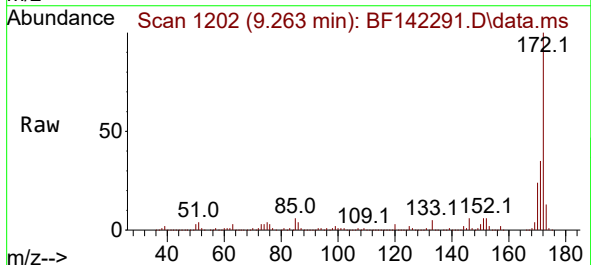
Instrument :
BNA_F
ClientSampleId :
MH-R

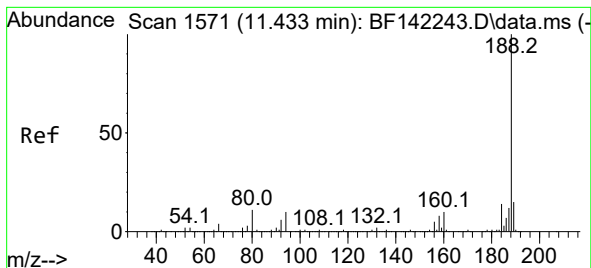
Tgt Ion:330 Resp: 473950
Ion Ratio Lower Upper
330 100
332 96.7 76.5 114.7
141 29.3 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 77.668 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142291.D
Acq: 02 May 2025 20:13

Tgt Ion:172 Resp: 2035016
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142291.D

Acq: 02 May 2025 20:13

Instrument :

BNA_F

ClientSampleId :

MH-R

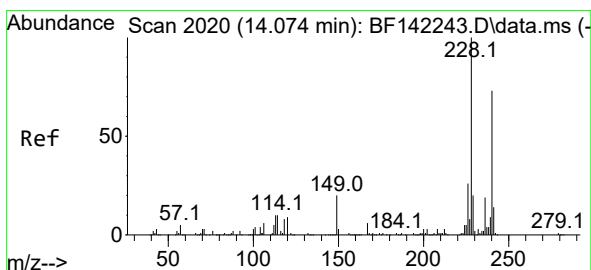
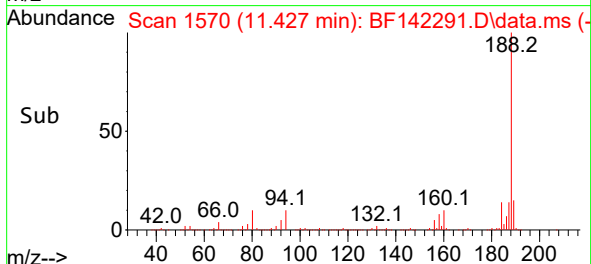
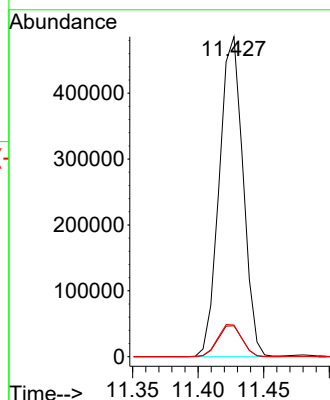
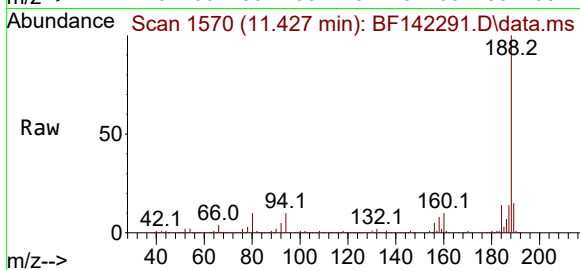
Tgt Ion:188 Resp: 611405

Ion Ratio Lower Upper

188 100

94 9.7 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: BF142291.D

Acq: 02 May 2025 20:13

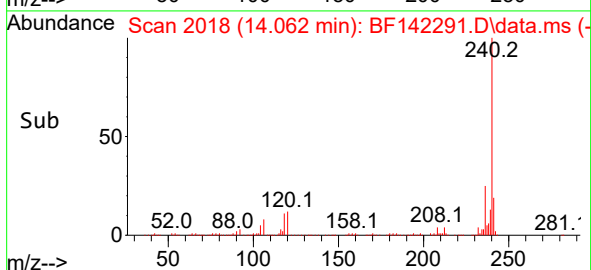
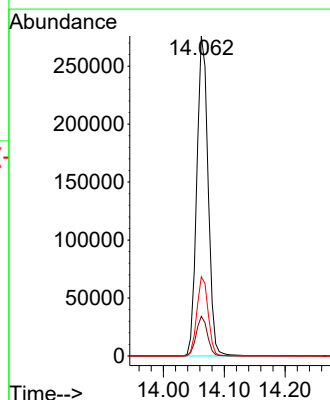
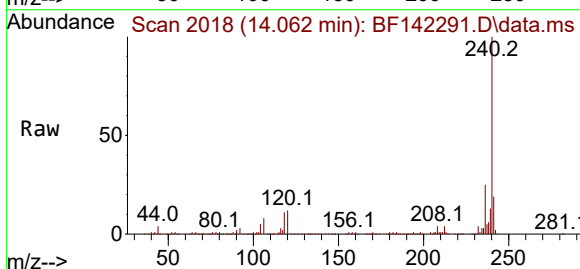
Tgt Ion:240 Resp: 356194

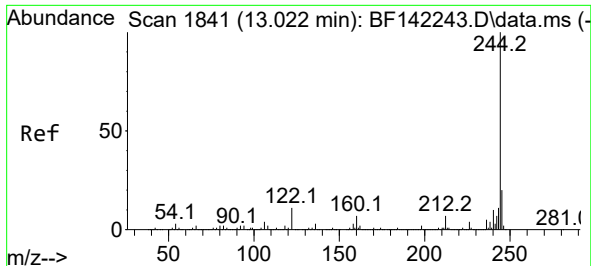
Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 24.8 20.5 30.7

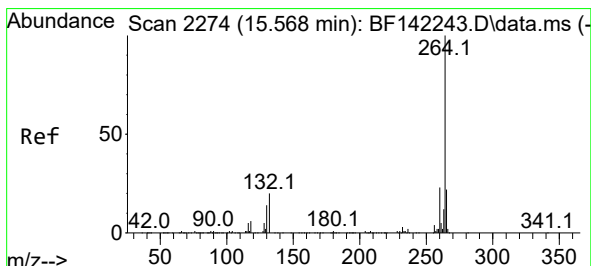
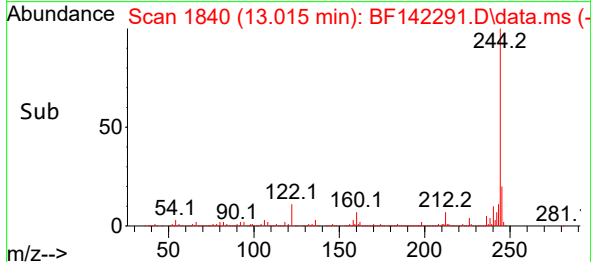
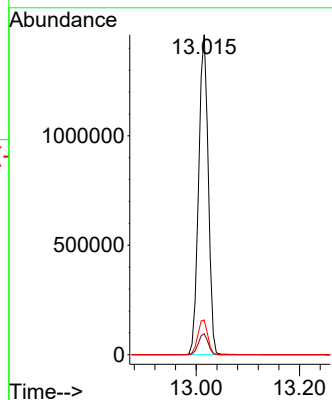
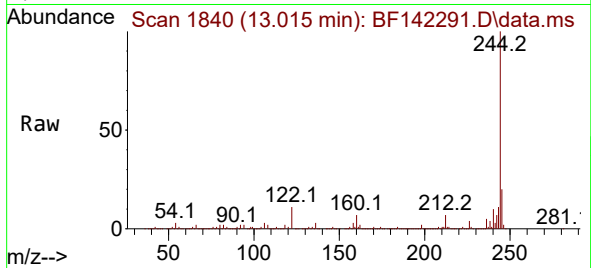




#79
 Terphenyl-d14
 Concen: 76.847 ng
 RT: 13.015 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142291.D
 Acq: 02 May 2025 20:13

Instrument :
 BNA_F
 ClientSampleId :
 MH-R

Tgt Ion:244 Resp: 1882025
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.8 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142291.D
 Acq: 02 May 2025 20:13

Tgt Ion:264 Resp: 279203
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 20.6 17.3 25.9

