

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142292.D
 Acq On : 02 May 2025 20:42
 Operator : RC/JU
 Sample : Q1922-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-S

Quant Time: May 02 22:49:54 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	199515	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	756592	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392166	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	647640	20.000	ng	0.00
76) Chrysene-d12	14.063	240	400579	20.000	ng	-0.01
86) Perylene-d12	15.551	264	292964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1480009	118.471	ng	0.01
7) Phenol-d6	6.522	99	1730396	114.704	ng	0.00
23) Nitrobenzene-d5	7.463	82	1079023	93.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	520394	145.559	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2161768	77.723	ng	0.00
79) Terphenyl-d14	13.016	244	2187734	79.431	ng	0.00

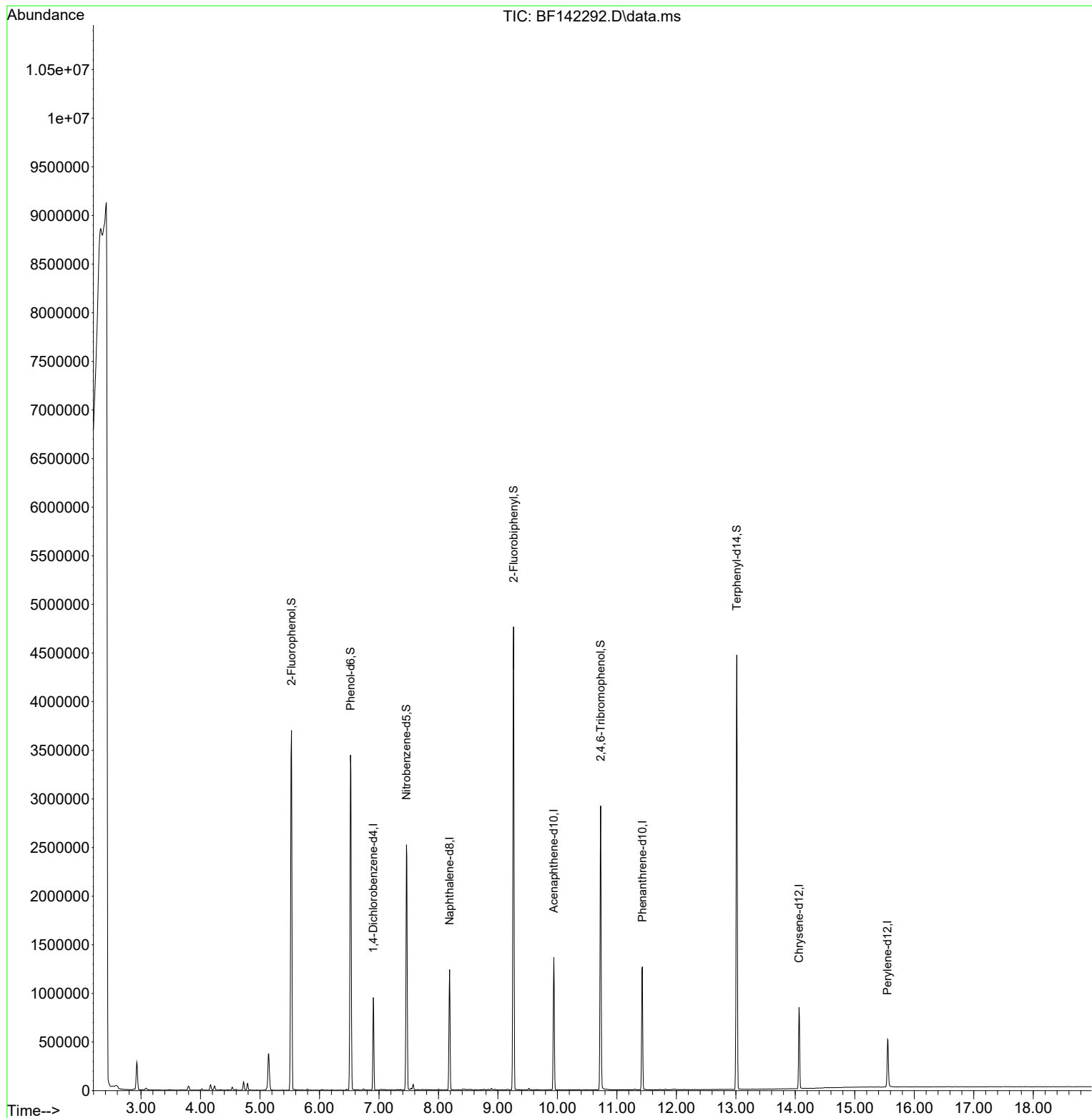
Target Compounds	Qvalue

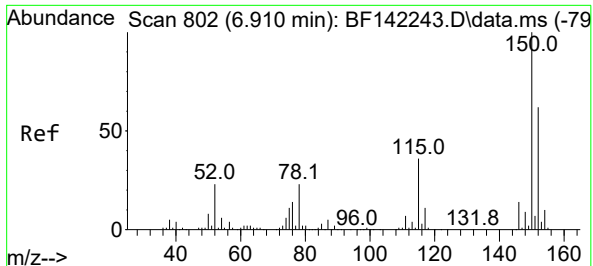
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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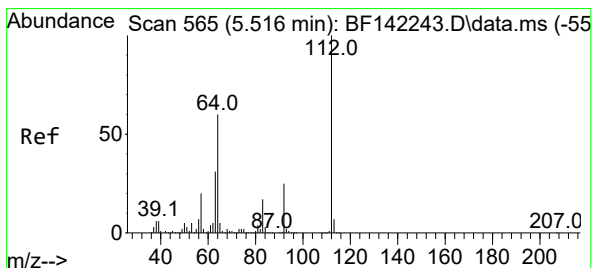
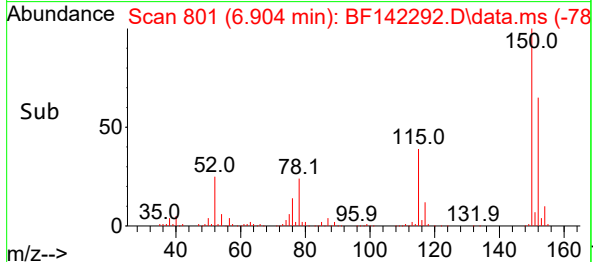
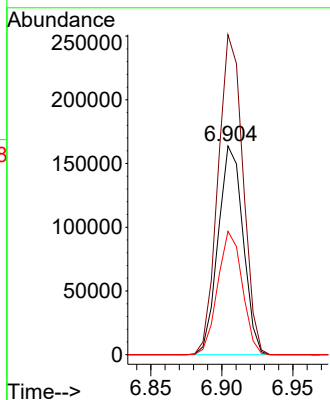
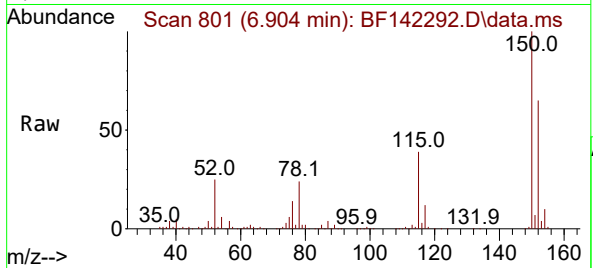




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142292.D
 Acq: 02 May 2025 20:42

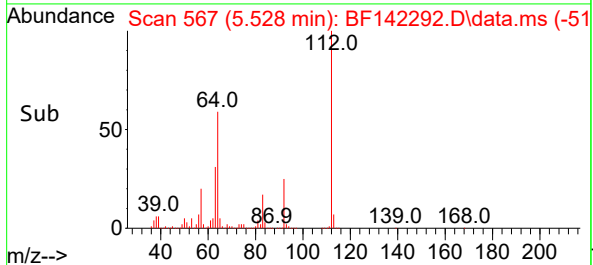
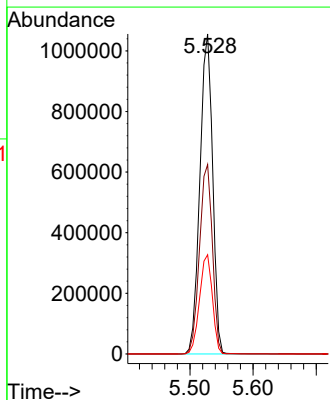
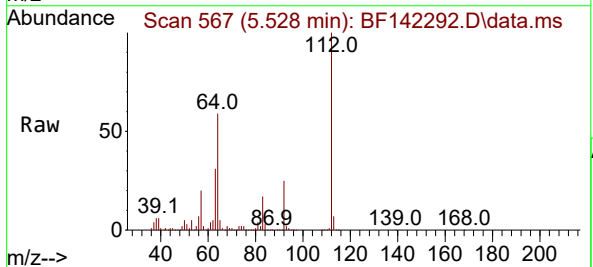
Instrument :
 BNA_F
 ClientSampleId :
 MH-S

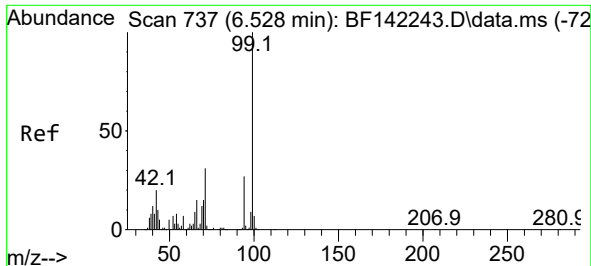
Tgt Ion:152 Resp: 199515
 Ion Ratio Lower Upper
 152 100
 150 153.3 130.2 195.2
 115 59.1 47.0 70.4



#5
 2-Fluorophenol
 Concen: 118.471 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142292.D
 Acq: 02 May 2025 20:42

Tgt Ion:112 Resp: 1480009
 Ion Ratio Lower Upper
 112 100
 64 59.2 48.4 72.6
 63 31.0 24.8 37.2

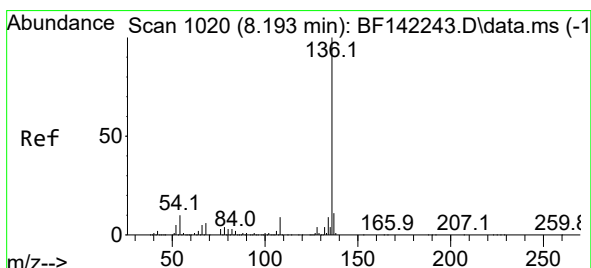
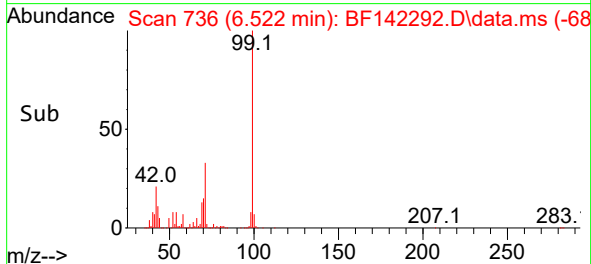
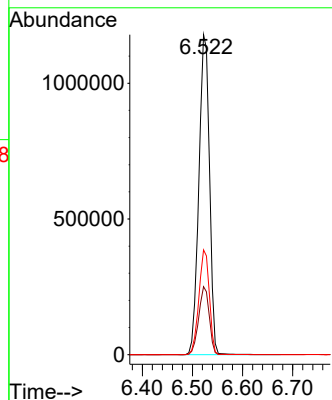
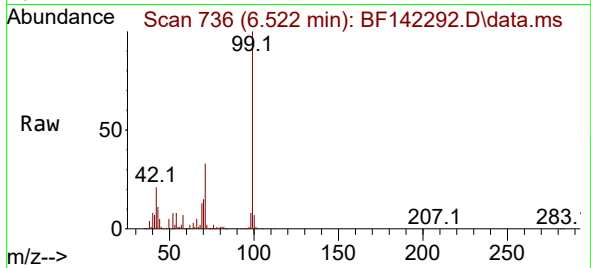




#7
Phenol-d6
Concen: 114.704 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

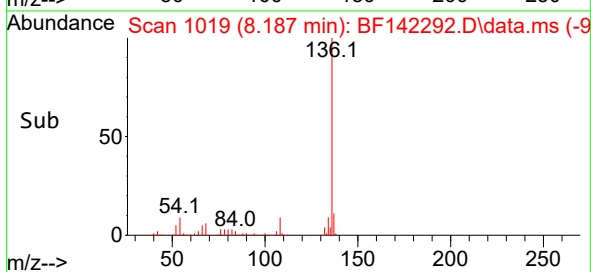
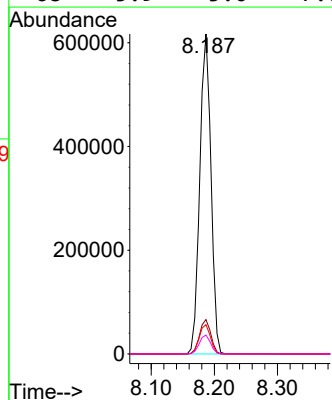
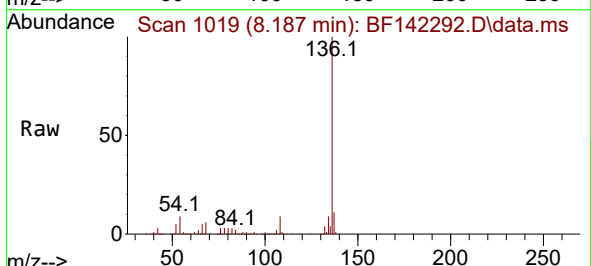
Instrument :
BNA_F
ClientSampleId :
MH-S

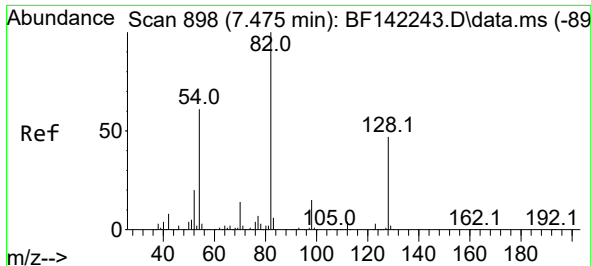
Tgt Ion: 99 Resp: 1730396
Ion Ratio Lower Upper
99 100
42 21.2 16.3 24.5
71 32.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:136 Resp: 756592
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.1 7.7 11.5
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 93.695 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

Instrument :

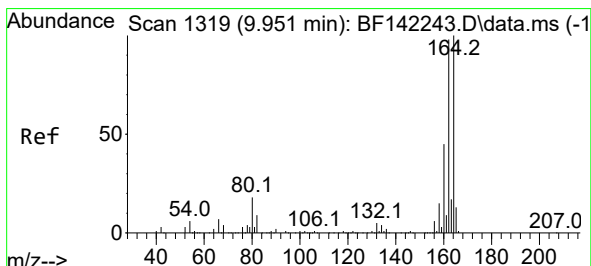
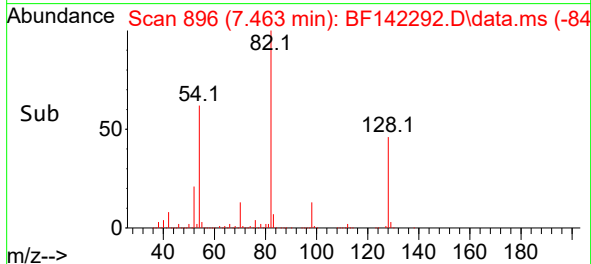
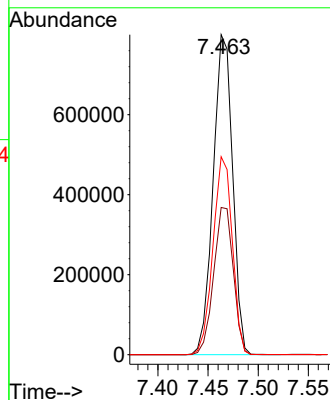
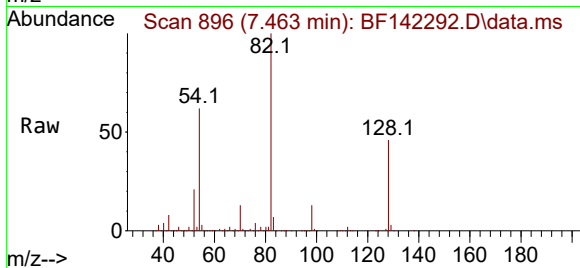
BNA_F

ClientSampleId :

MH-S

Tgt Ion: 82 Resp: 1079023

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.0	55.6
54	61.8	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

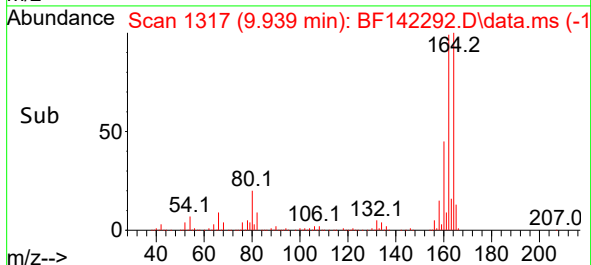
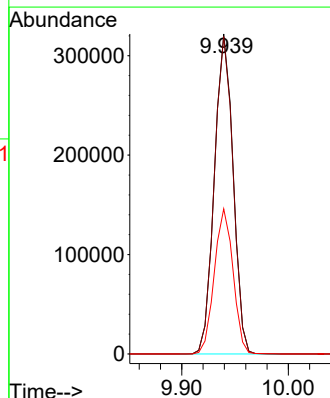
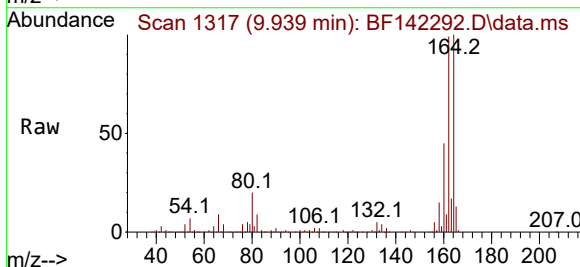
Delta R.T. -0.012 min

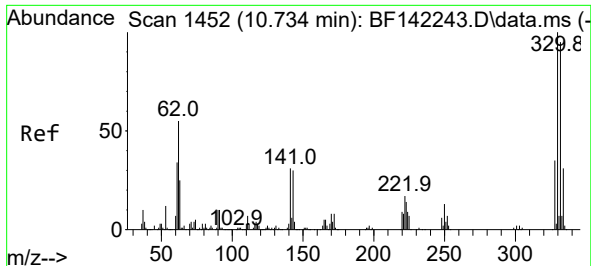
Lab File: BF142292.D

Acq: 02 May 2025 20:42

Tgt Ion:164 Resp: 392166

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.6	117.8
160	45.4	35.7	53.5

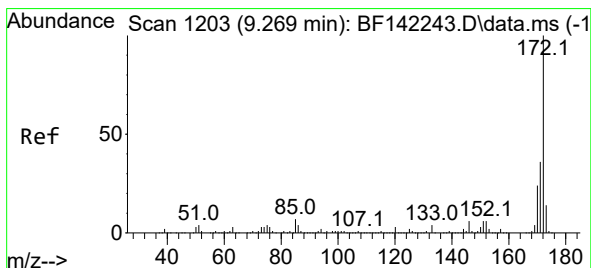
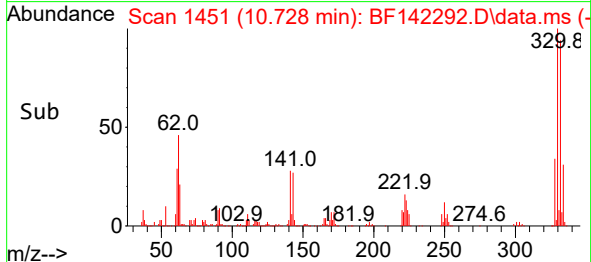
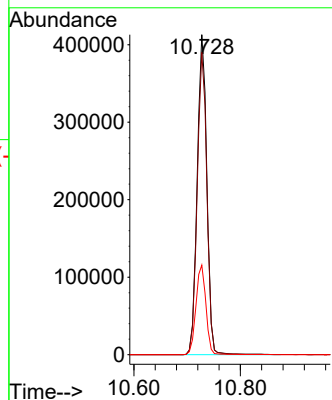
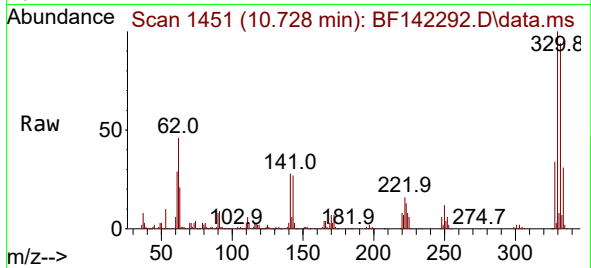




#42
2,4,6-Tribromophenol
Concen: 145.559 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

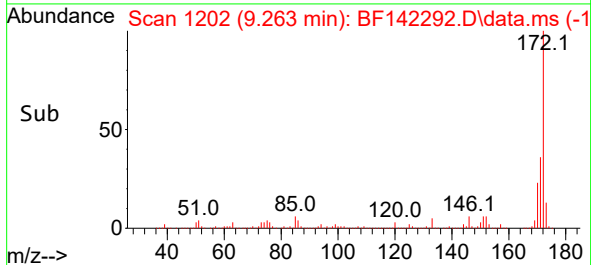
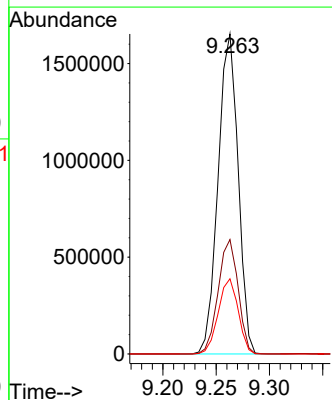
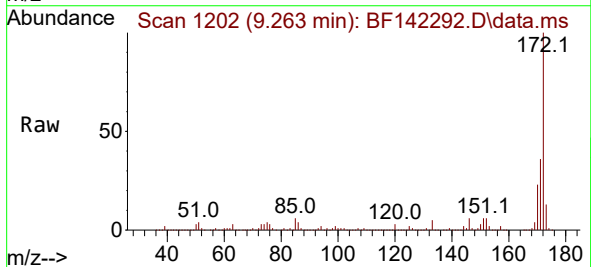
Instrument :
BNA_F
ClientSampleId :
MH-S

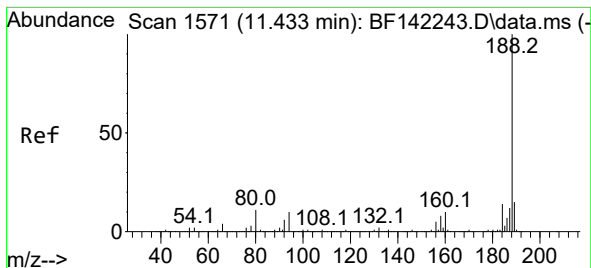
Tgt Ion:330 Resp: 520394
Ion Ratio Lower Upper
330 100
332 94.7 76.5 114.7
141 28.9 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 77.723 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142292.D
Acq: 02 May 2025 20:42

Tgt Ion:172 Resp: 2161768
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 23.5 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

Instrument :

BNA_F

ClientSampleId :

MH-S

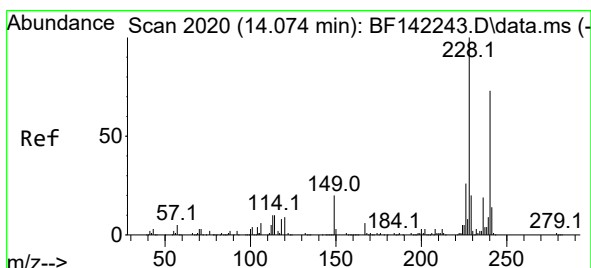
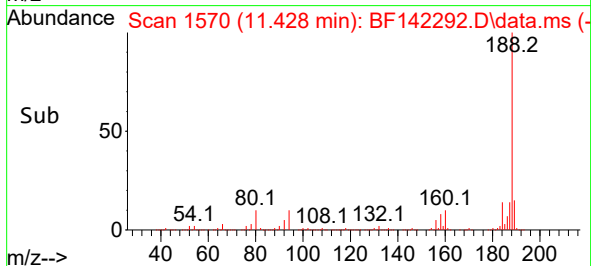
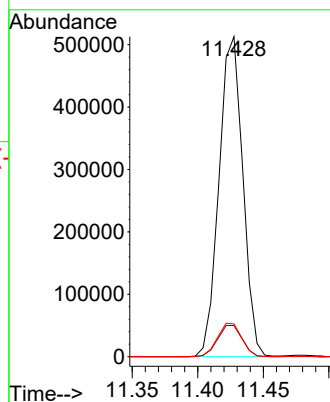
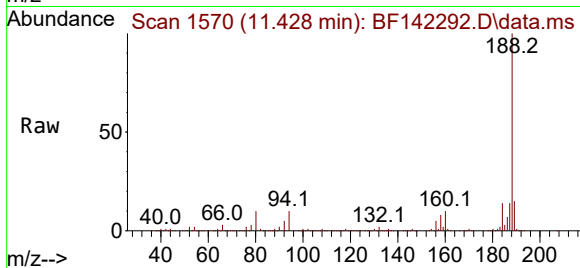
Tgt Ion:188 Resp: 647640

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142292.D

Acq: 02 May 2025 20:42

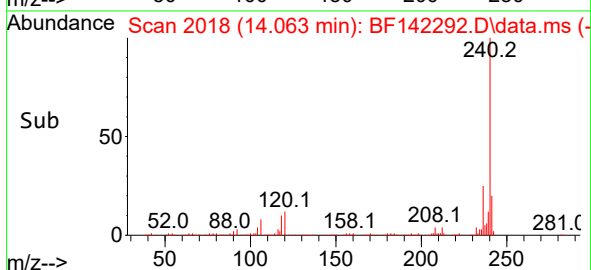
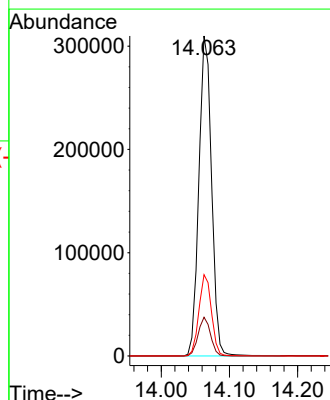
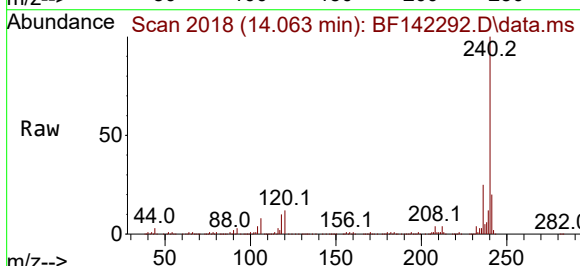
Tgt Ion:240 Resp: 400579

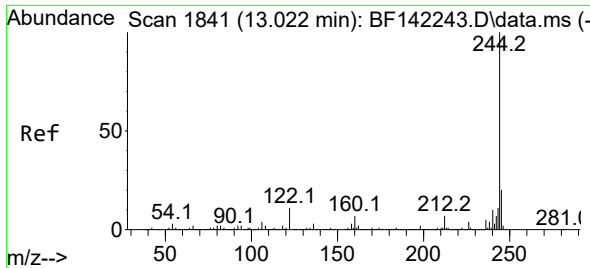
Ion Ratio Lower Upper

240 100

120 12.1 10.1 15.1

236 25.4 20.5 30.7

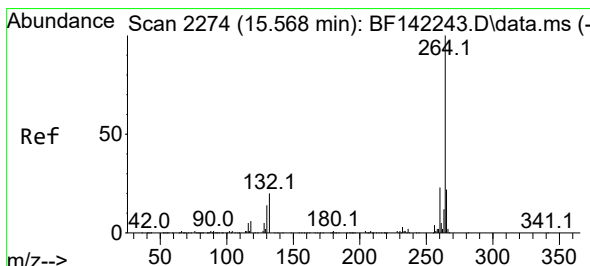
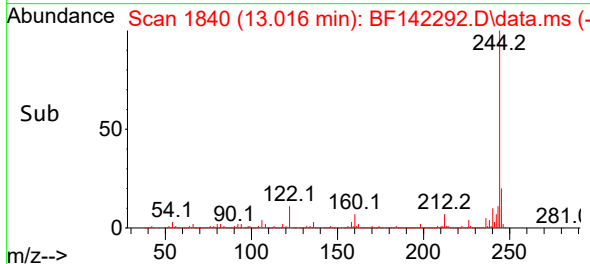
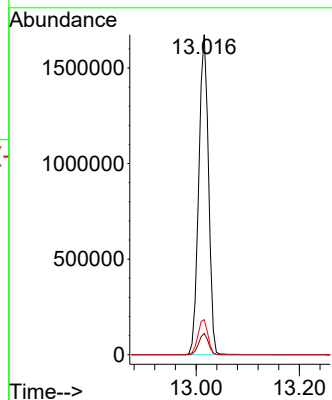
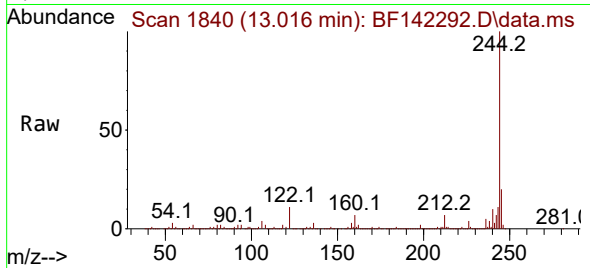




#79
 Terphenyl-d14
 Concen: 79.431 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142292.D
 Acq: 02 May 2025 20:42

Instrument :
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 ClientSampleId :
 MH-S

Tgt Ion:244 Resp: 2187734
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.0 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF142292.D
 Acq: 02 May 2025 20:42

Tgt Ion:264 Resp: 292964
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.2 17.3 25.9

