

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141493.D
 Acq On : 06 Feb 2025 21:03
 Operator : RC/JU
 Sample : Q1309-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8

Quant Time: Feb 07 01:56:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	99563	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	394238	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	220506	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	375126	20.000	ng	0.00
76) Chrysene-d12	13.951	240	244184	20.000	ng	-0.01
86) Perylene-d12	15.404	264	191907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	495659	78.048	ng	0.00
7) Phenol-d6	6.422	99	625378	77.911	ng	-0.02
23) Nitrobenzene-d5	7.351	82	418636	55.386	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	183492	82.838	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	797355	55.710	ng	0.00
79) Terphenyl-d14	12.898	244	897615	62.057	ng	0.00

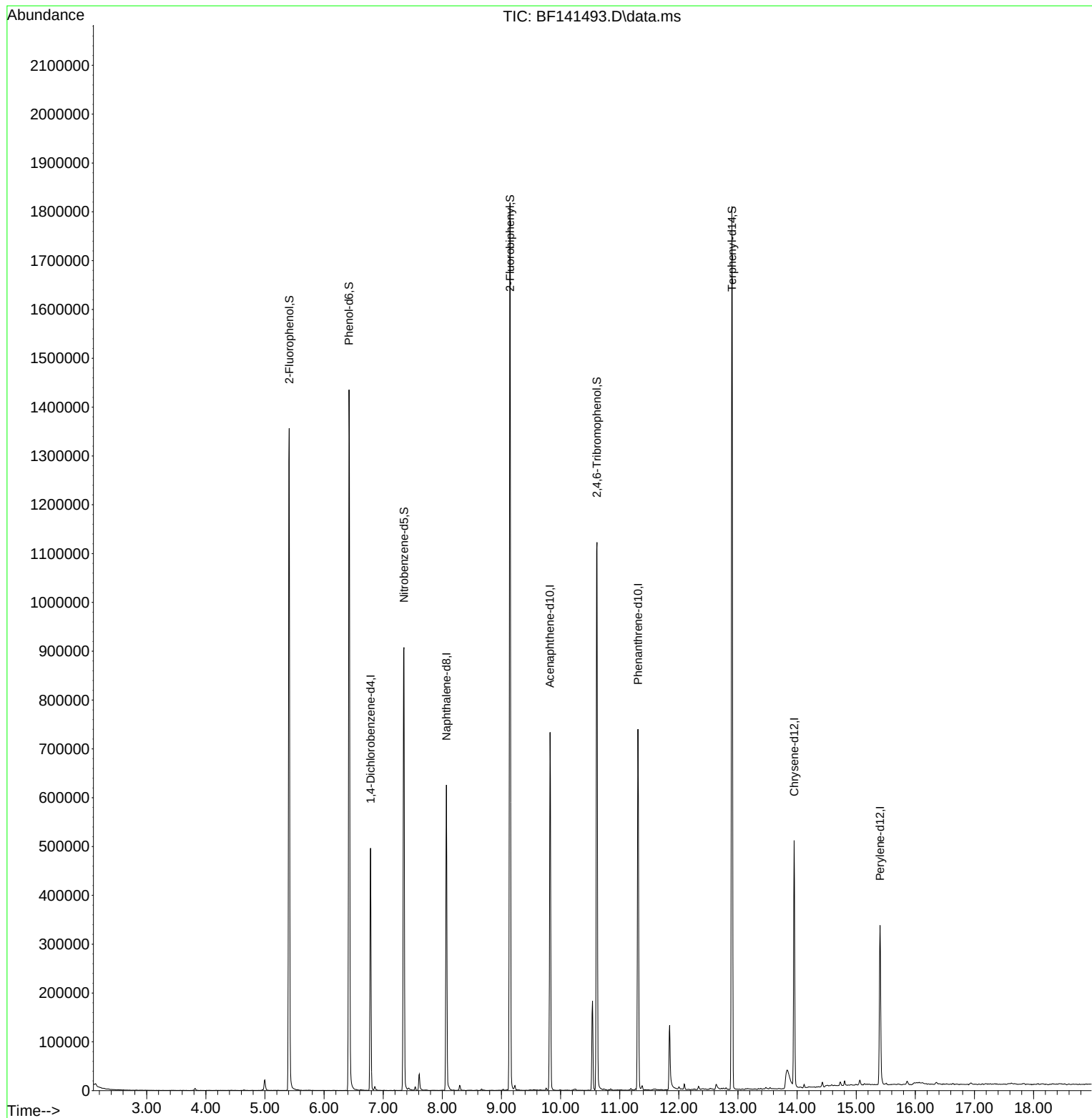
Target Compounds	Qvalue

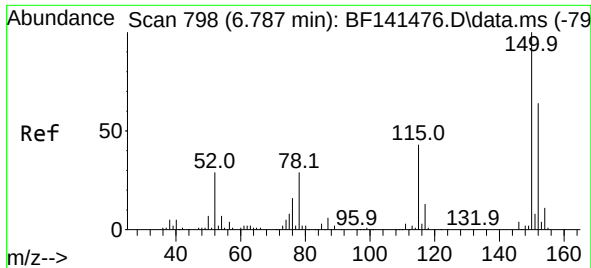
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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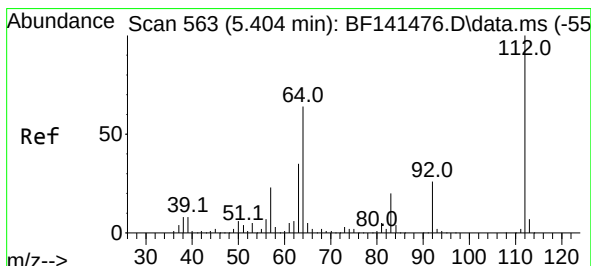
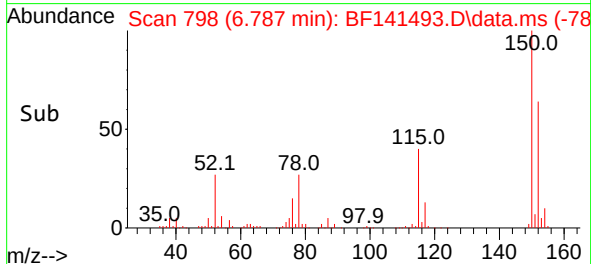
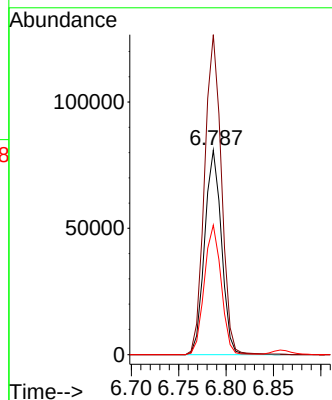
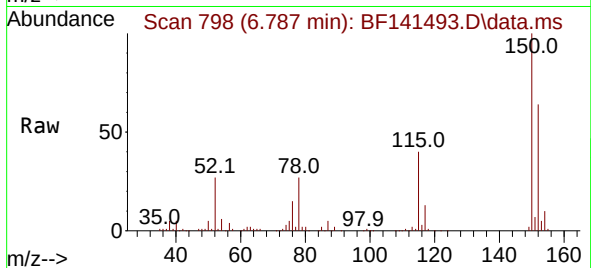




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141493.D
 Acq: 06 Feb 2025 21:03

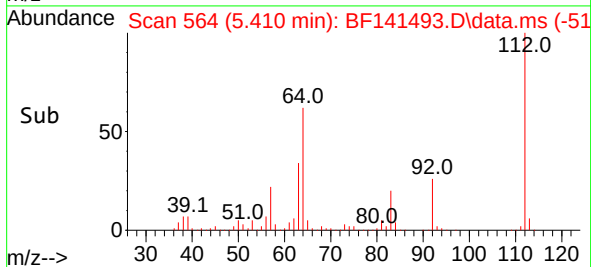
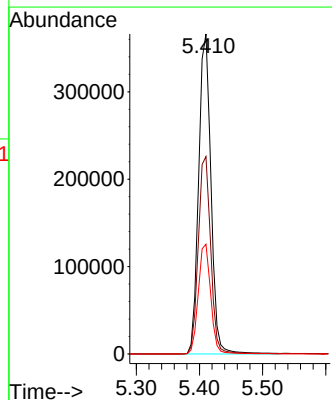
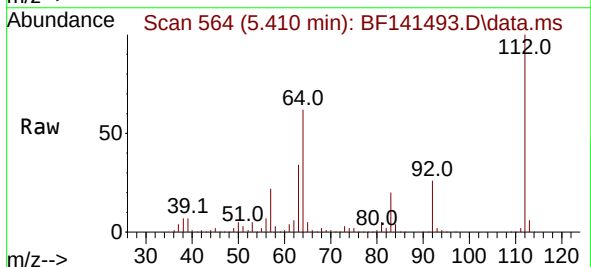
Instrument :
 BNA_F
 ClientSampleId :
 WC-8

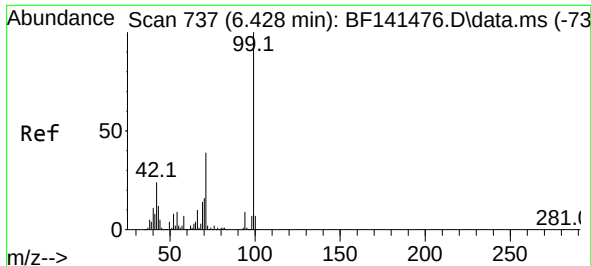
Tgt Ion:152 Resp: 99563
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.0 187.4
 115 63.4 53.6 80.4



#5
 2-Fluorophenol
 Concen: 78.048 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141493.D
 Acq: 06 Feb 2025 21:03

Tgt Ion:112 Resp: 495659
 Ion Ratio Lower Upper
 112 100
 64 61.7 51.1 76.7
 63 34.3 28.4 42.6

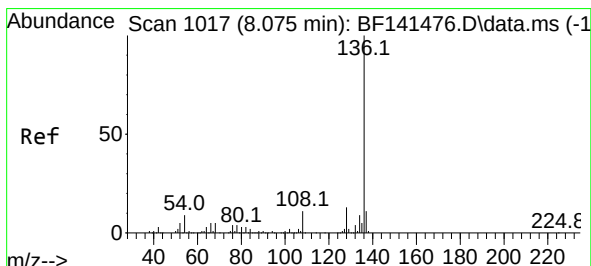
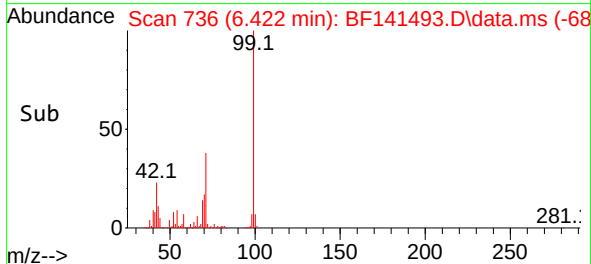
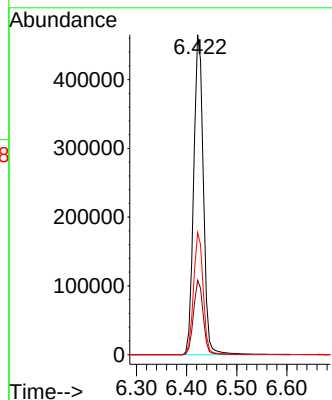
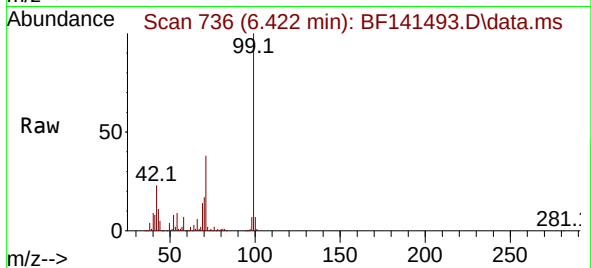




#7
Phenol-d6
Concen: 77.911 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141493.D
Acq: 06 Feb 2025 21:03

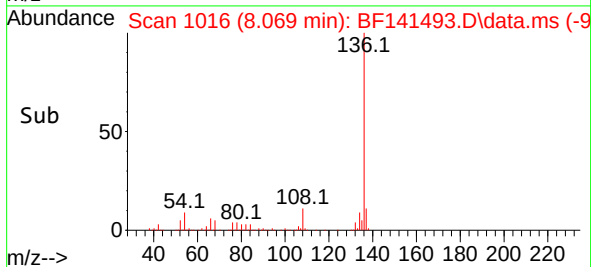
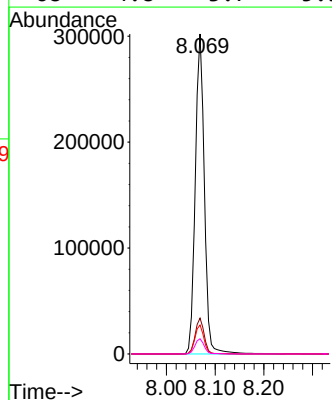
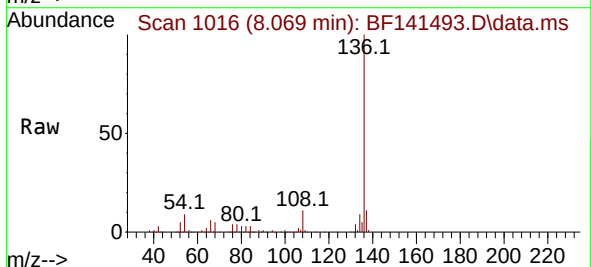
Instrument :
BNA_F
ClientSampleId :
WC-8

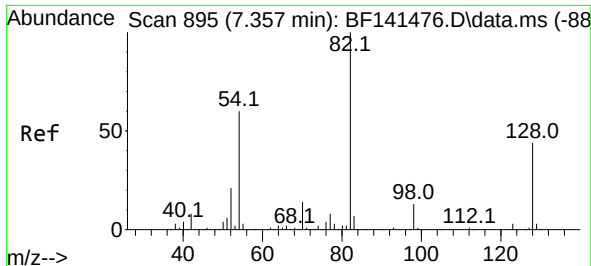
Tgt Ion: 99 Resp: 625378
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 38.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141493.D
Acq: 06 Feb 2025 21:03

Tgt Ion: 136 Resp: 394238
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 55.386 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141493.D

Acq: 06 Feb 2025 21:03

Instrument :

BNA_F

ClientSampleId :

WC-8

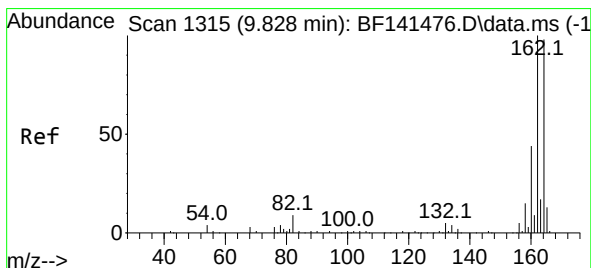
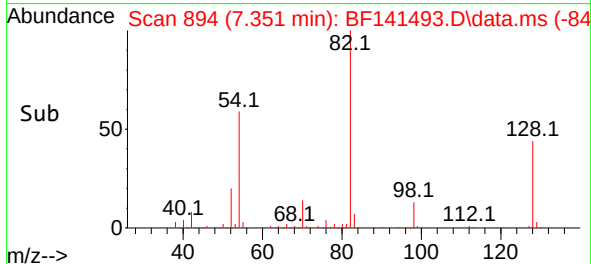
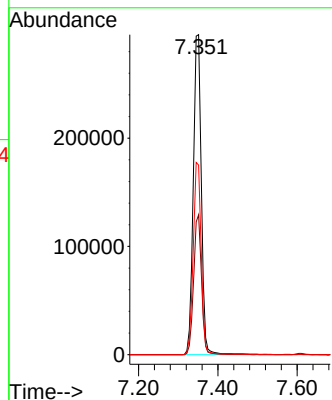
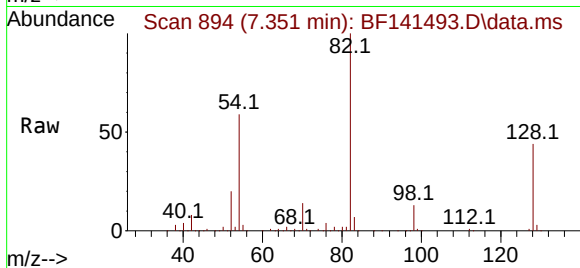
Tgt Ion: 82 Resp: 418636

Ion Ratio Lower Upper

82 100

128 43.7 34.8 52.2

54 59.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141493.D

Acq: 06 Feb 2025 21:03

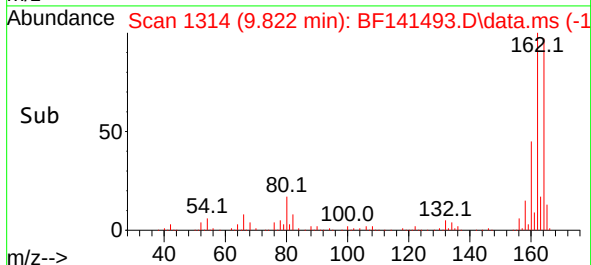
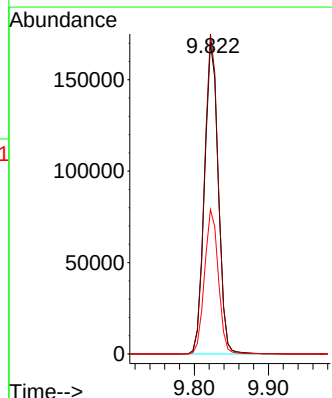
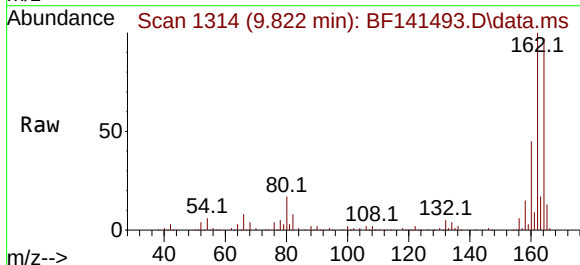
Tgt Ion:164 Resp: 220506

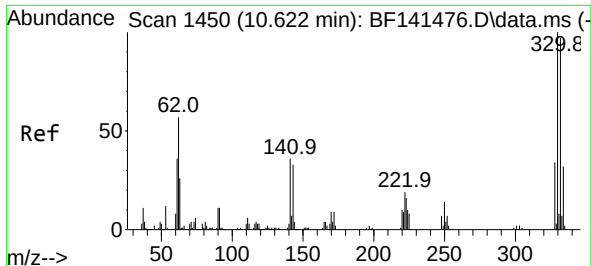
Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

160 46.4 35.9 53.9

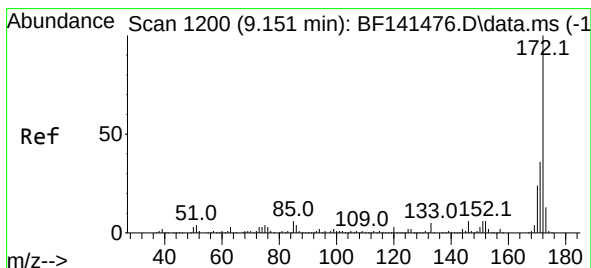
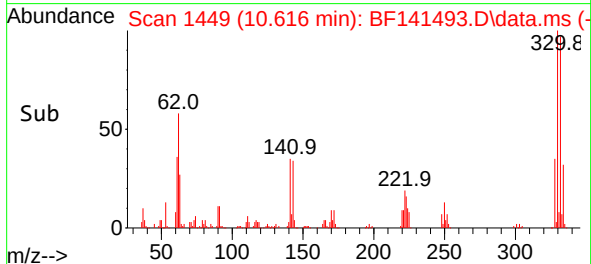
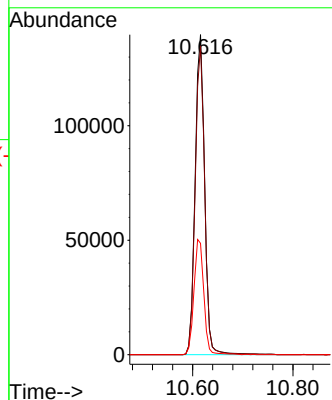
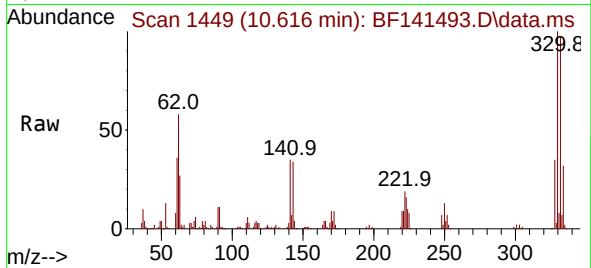




#42
2,4,6-Tribromophenol
Concen: 82.838 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141493.D
Acq: 06 Feb 2025 21:03

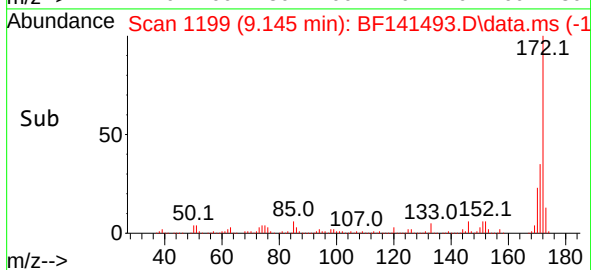
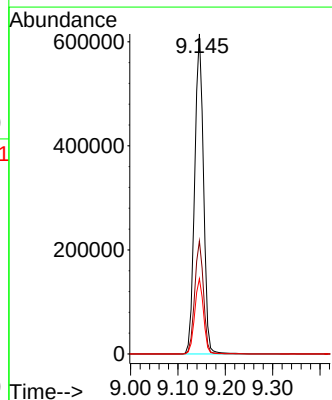
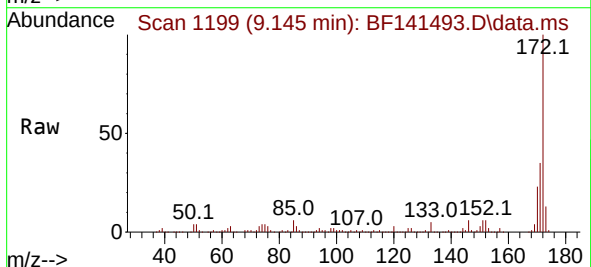
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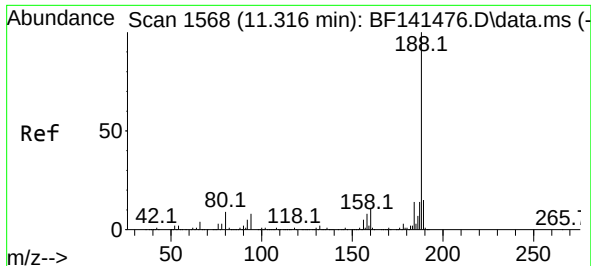
Tgt Ion:330 Resp: 183492
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 37.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 55.710 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141493.D
Acq: 06 Feb 2025 21:03

Tgt Ion:172 Resp: 797355
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.5 18.9 28.3

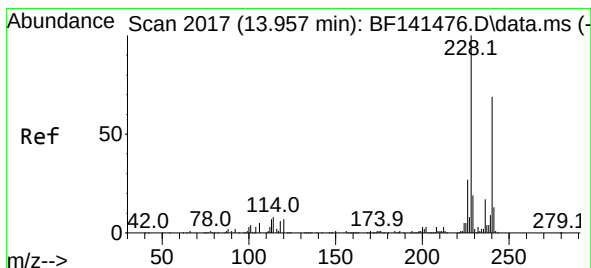
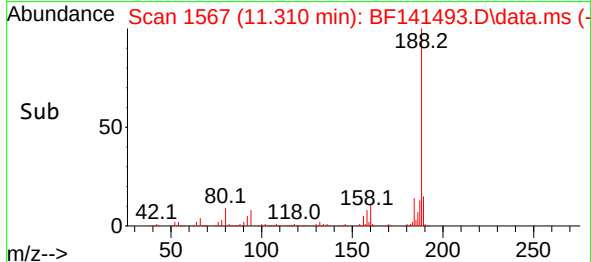
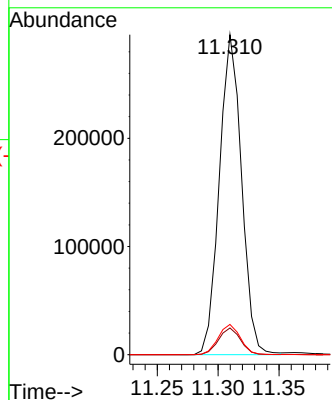
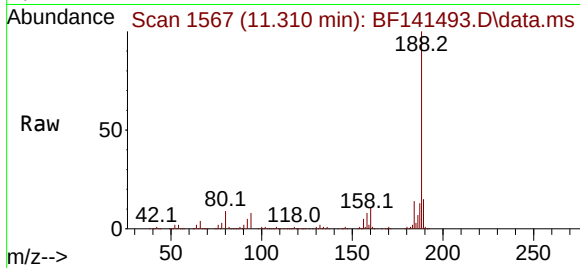




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141493.D
Acq: 06 Feb 2025 21:03

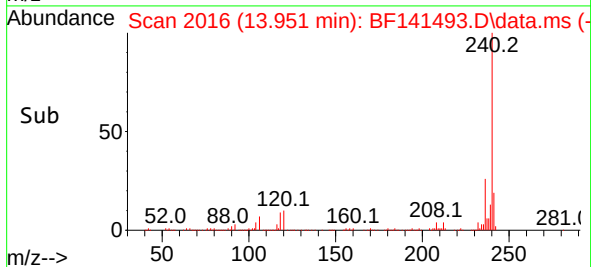
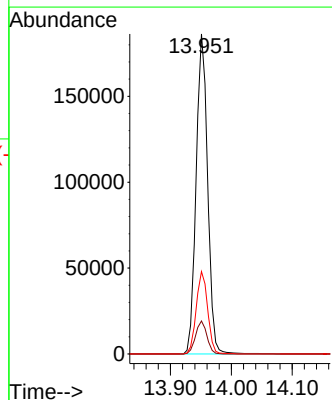
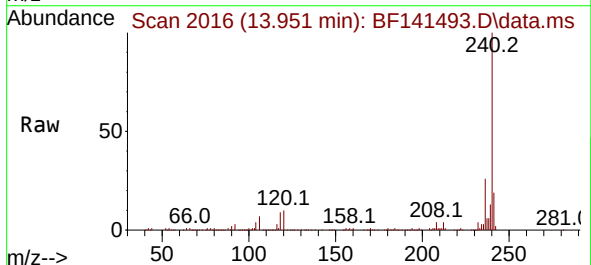
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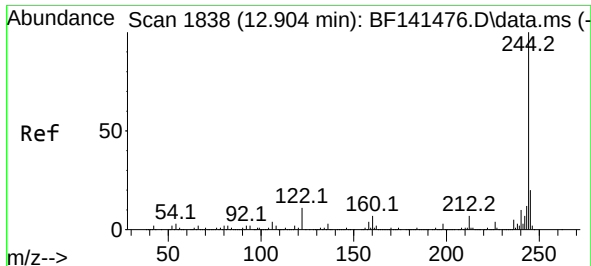
Tgt Ion:188 Resp: 375126
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141493.D
Acq: 06 Feb 2025 21:03

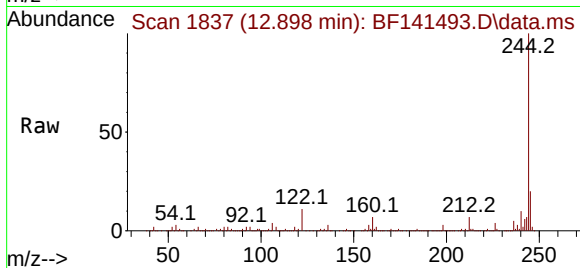
Tgt Ion:240 Resp: 244184
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.8 19.8 29.8



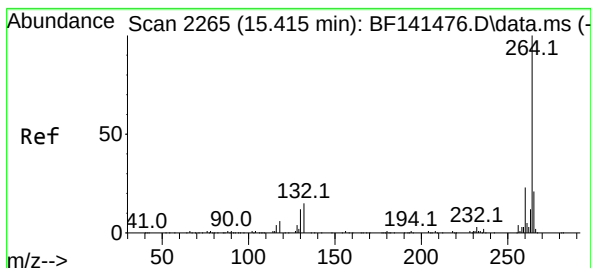
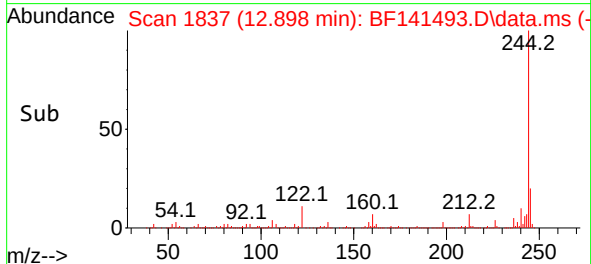
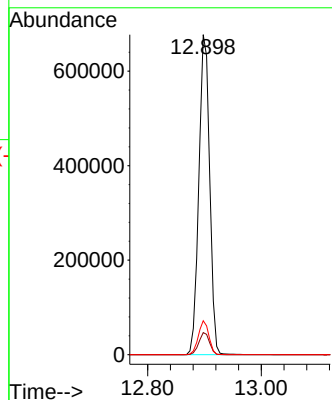


#79
 Terphenyl-d14
 Concen: 62.057 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141493.D
 Acq: 06 Feb 2025 21:03

Instrument :
 BNA_F
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 WC-8



Tgt Ion:244 Resp: 897615
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141493.D
 Acq: 06 Feb 2025 21:03

Tgt Ion:264 Resp: 191907
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.6 17.0 25.4

