

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
 Data File : BF141889.D
 Acq On : 07 Mar 2025 12:29
 Operator : RC/JU
 Sample : Q1481-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-K1311

Quant Time: Mar 07 13:08:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

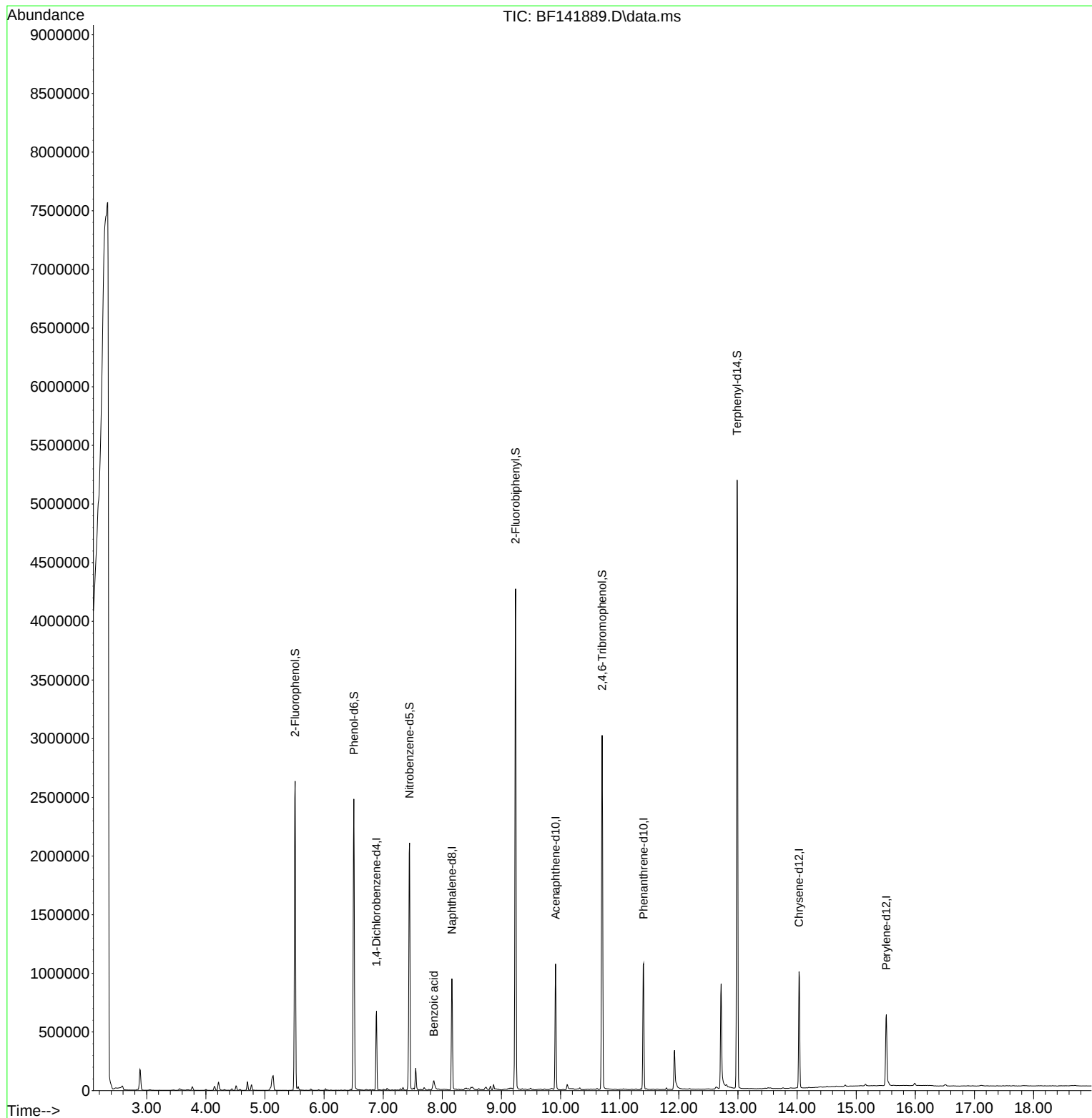
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	140289	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	587043	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	309412	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	560648	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	481292	20.000	ng	-0.02
86) Perylene-d12	15.509	264	364512	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1034921	117.811	ng	0.01
7) Phenol-d6	6.504	99	1200323	104.979	ng	0.00
23) Nitrobenzene-d5	7.445	82	981989	106.924	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	539399	185.691	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1895415	98.225	ng	0.00
79) Terphenyl-d14	12.986	244	2580113	86.733	ng	-0.01
Target Compounds						
32) Benzoic acid	7.857	122	31954	12.124	ng	Qvalue 97

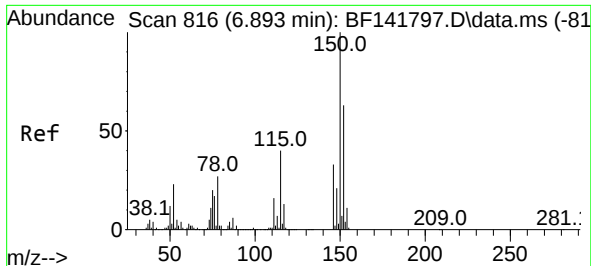
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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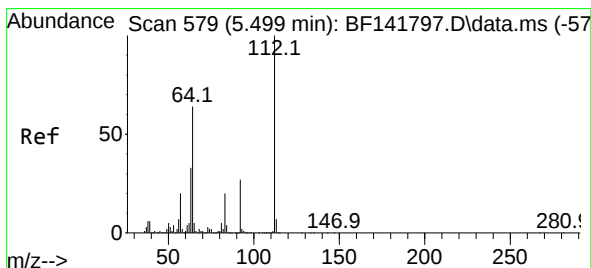
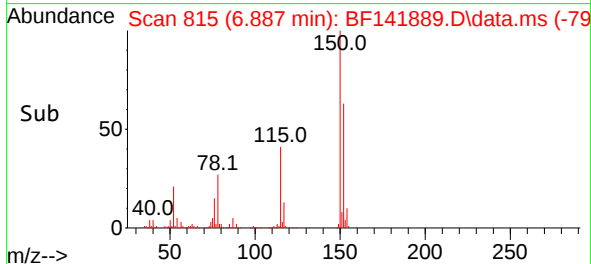
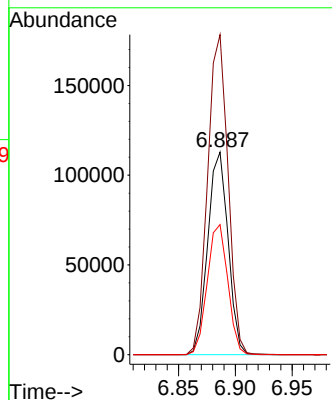
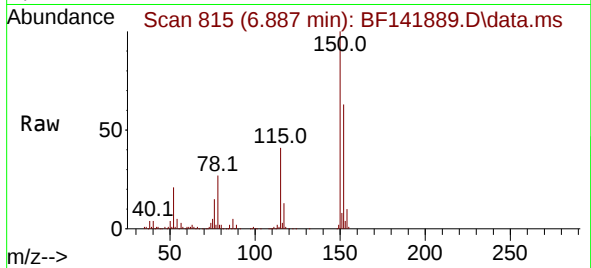




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141889.D
 Acq: 07 Mar 2025 12:29

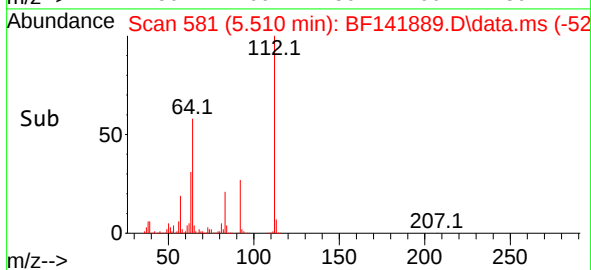
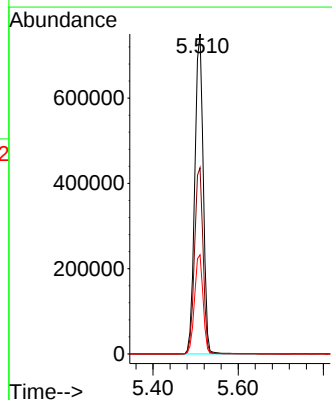
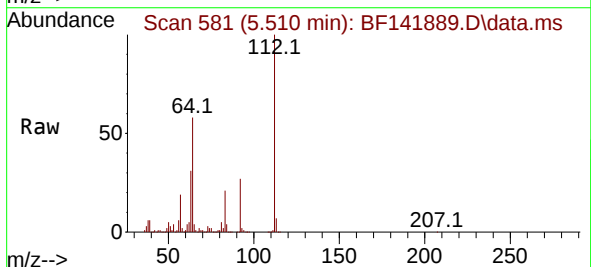
Instrument :
 BNA_F
 ClientSampleId :
 WC-K1311

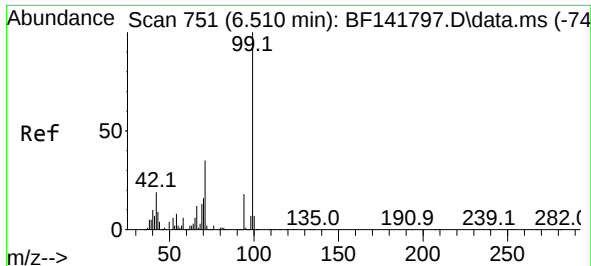
Tgt Ion:152 Resp: 140289
 Ion Ratio Lower Upper
 152 100
 150 158.0 127.5 191.3
 115 64.2 51.4 77.2



#5
 2-Fluorophenol
 Concen: 117.811 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141889.D
 Acq: 07 Mar 2025 12:29

Tgt Ion:112 Resp: 1034921
 Ion Ratio Lower Upper
 112 100
 64 58.2 51.3 76.9
 63 31.0 26.2 39.4

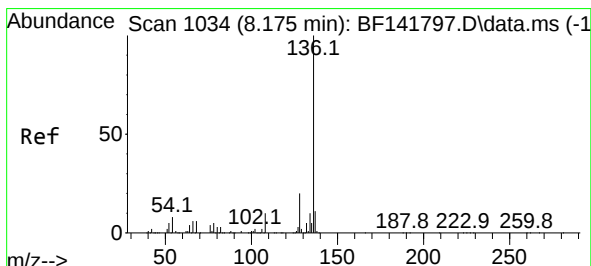
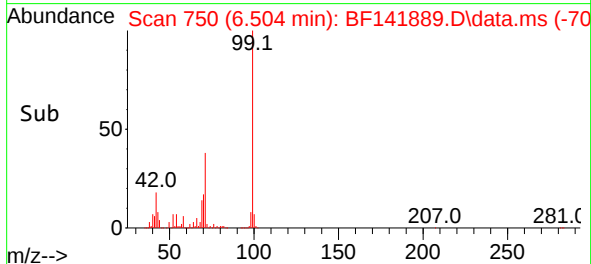
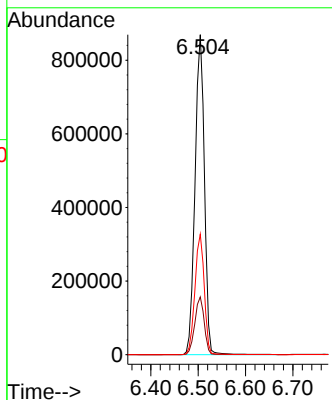
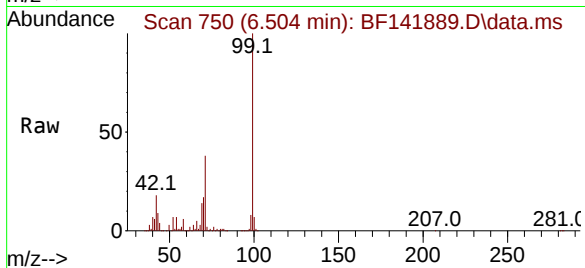




#7
Phenol-d6
Concen: 104.979 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141889.D
Acq: 07 Mar 2025 12:29

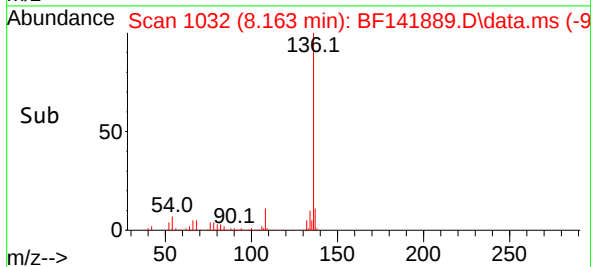
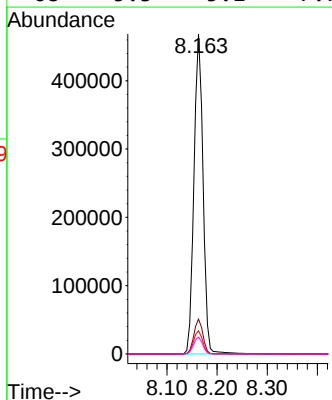
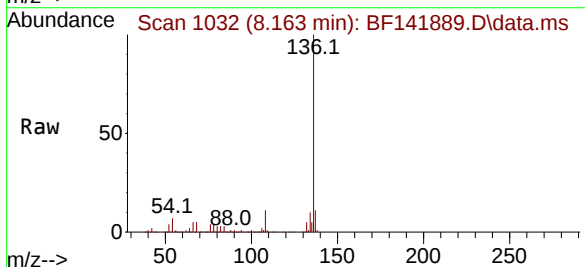
Instrument :
BNA_F
ClientSampleId :
WC-K1311

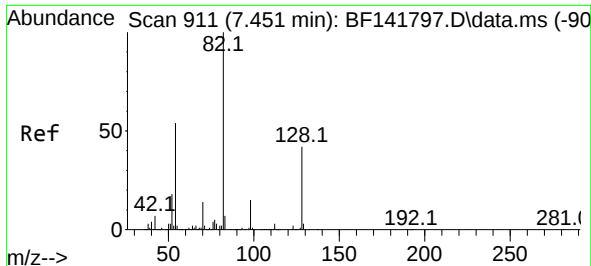
Tgt Ion: 99 Resp: 1200323
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 37.7 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141889.D
Acq: 07 Mar 2025 12:29

Tgt Ion:136 Resp: 587043
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.9 10.3
68 5.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 106.924 ng

RT: 7.445 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141889.D

Acq: 07 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

WC-K1311

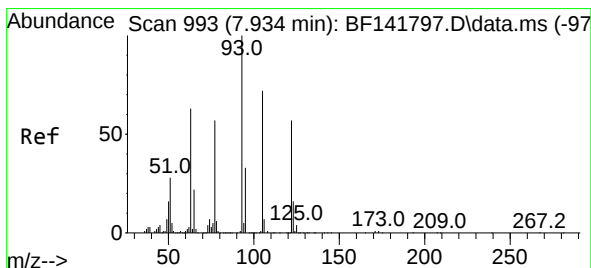
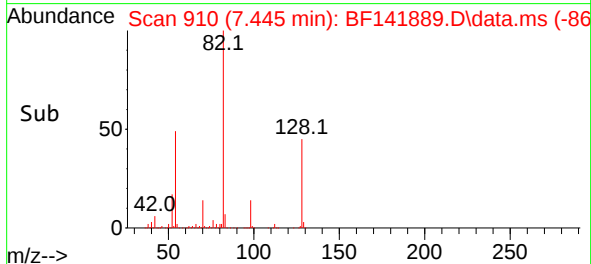
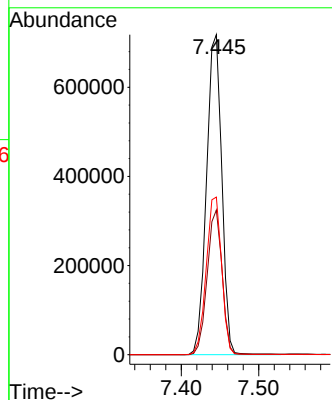
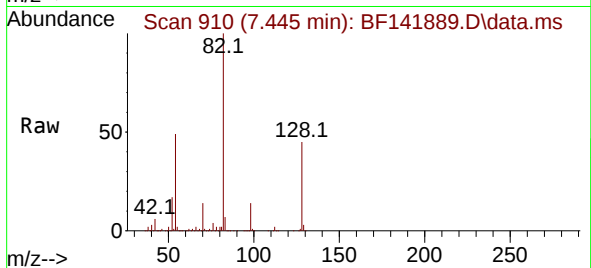
Tgt Ion: 82 Resp: 981989

Ion Ratio Lower Upper

82 100

128 45.2 33.5 50.3

54 49.2 42.7 64.1



#32

Benzoic acid

Concen: 12.124 ng

RT: 7.857 min Scan# 980

Delta R.T. -0.077 min

Lab File: BF141889.D

Acq: 07 Mar 2025 12:29

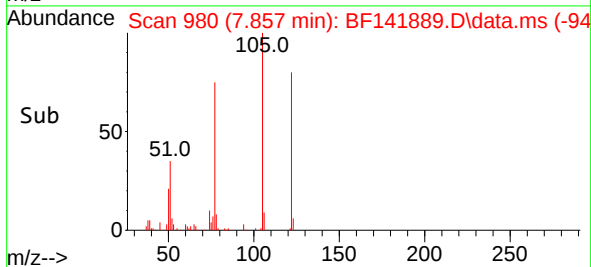
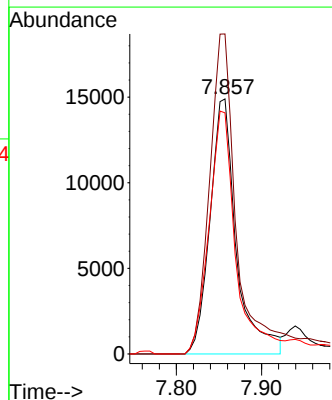
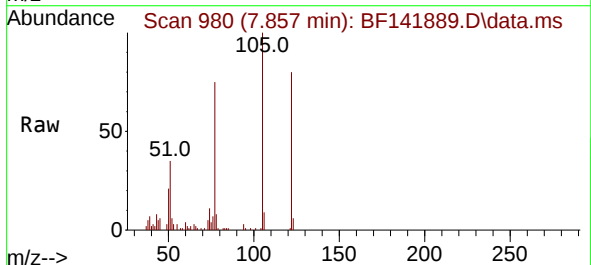
Tgt Ion:122 Resp: 31954

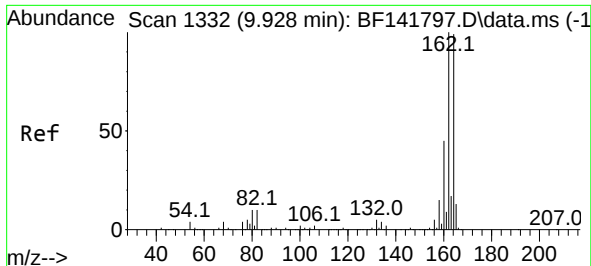
Ion Ratio Lower Upper

122 100

105 125.4 105.8 145.8

77 94.5 79.9 119.9

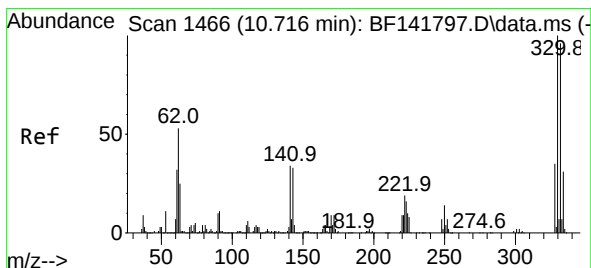
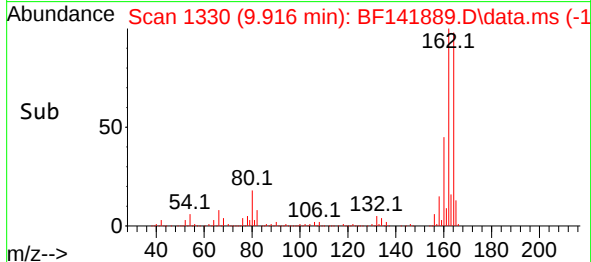
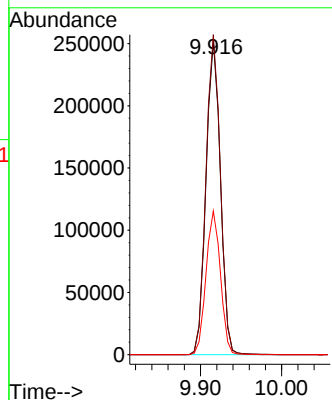
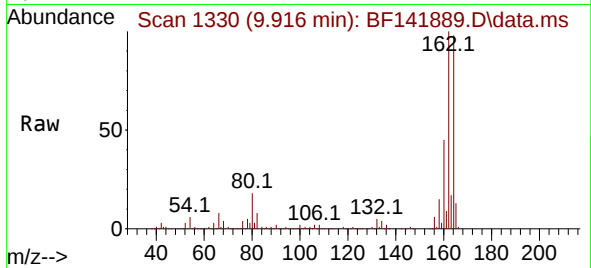




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141889.D
Acq: 07 Mar 2025 12:29

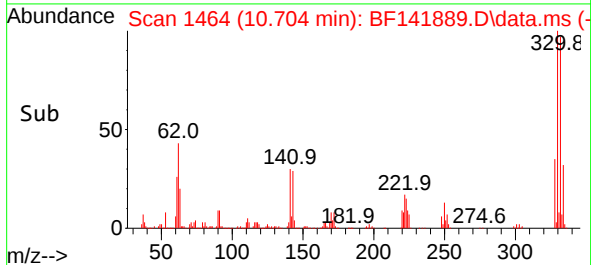
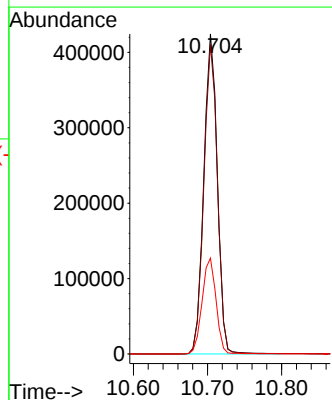
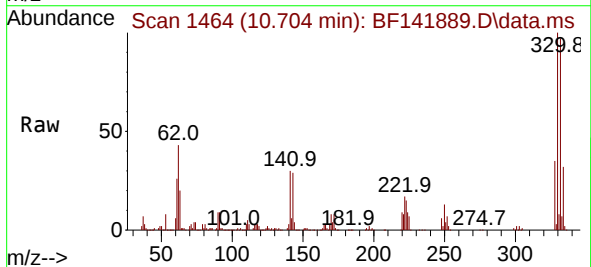
Instrument :
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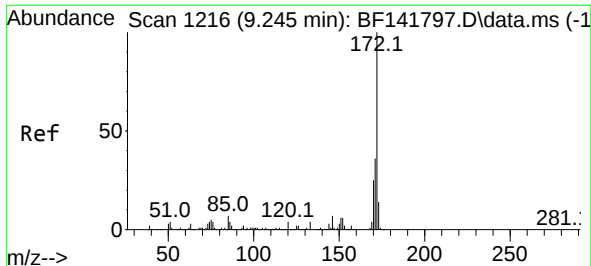
Tgt Ion:164 Resp: 309412
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 45.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 185.691 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141889.D
Acq: 07 Mar 2025 12:29

Tgt Ion:330 Resp: 539399
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 30.8 29.0 43.4

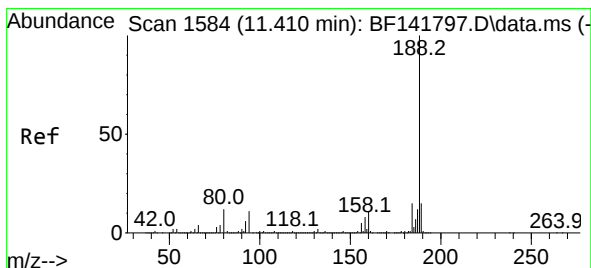
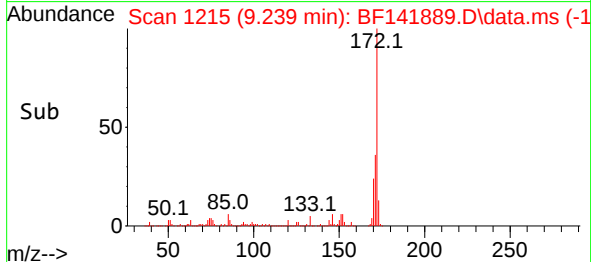
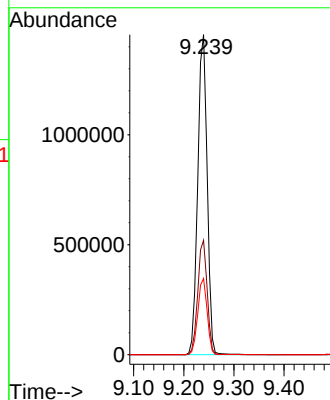
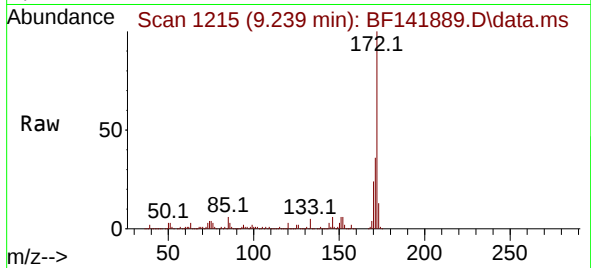




#45
2-Fluorobiphenyl
Concen: 98.225 ng
RT: 9.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141889.D
Acq: 07 Mar 2025 12:29

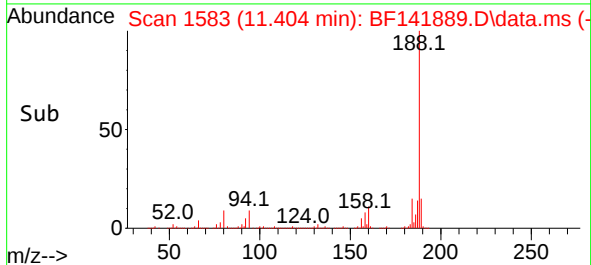
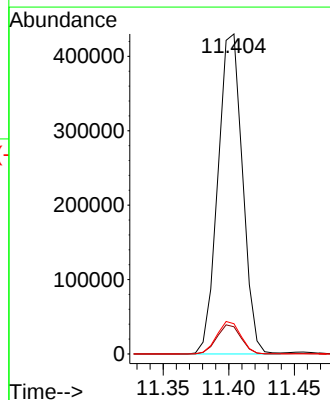
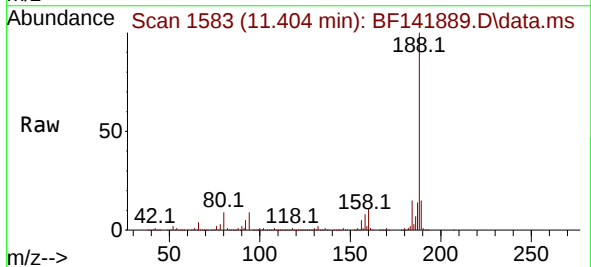
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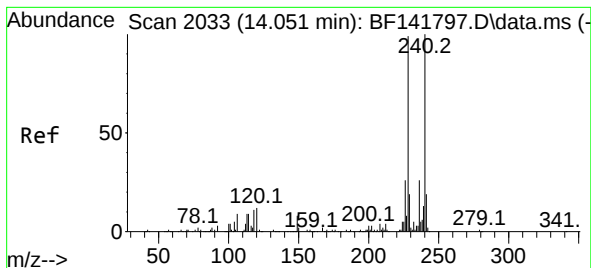
Tgt Ion:172 Resp: 1895415
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.8 19.7 29.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF141889.D
Acq: 07 Mar 2025 12:29

Tgt Ion:188 Resp: 560648
Ion Ratio Lower Upper
188 100
94 8.5 8.9 13.3#
80 9.4 9.7 14.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.018 min

Lab File: BF141889.D

Acq: 07 Mar 2025 12:29

Instrument :

BNA_F

ClientSampleId :

WC-K1311

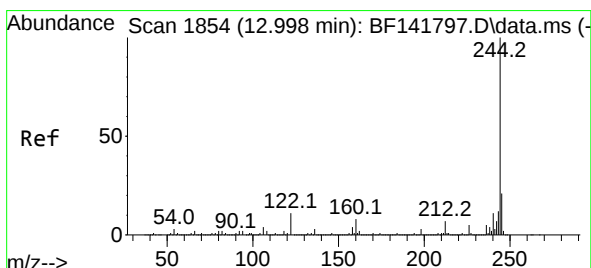
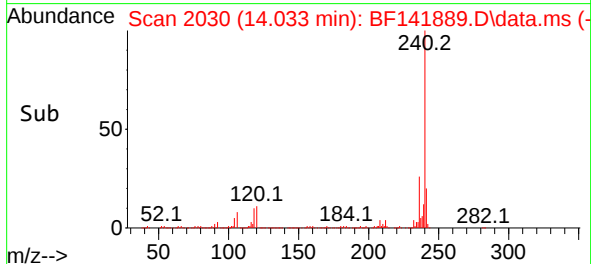
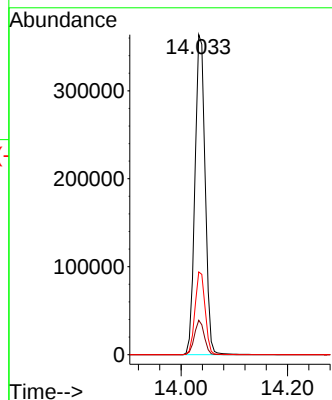
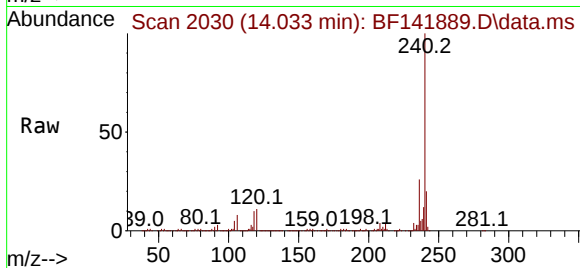
Tgt Ion:240 Resp: 481292

Ion Ratio Lower Upper

240 100

120 10.8 9.7 14.5

236 25.8 21.0 31.4



#79

Terphenyl-d14

Concen: 86.733 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.012 min

Lab File: BF141889.D

Acq: 07 Mar 2025 12:29

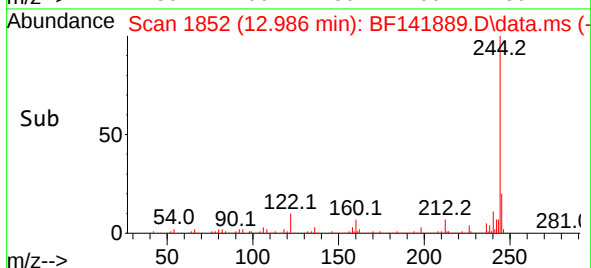
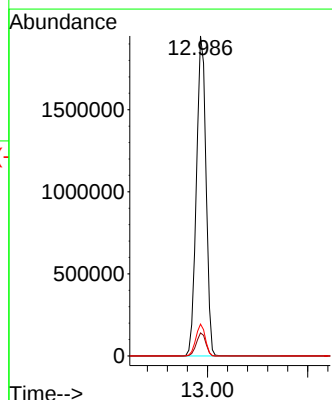
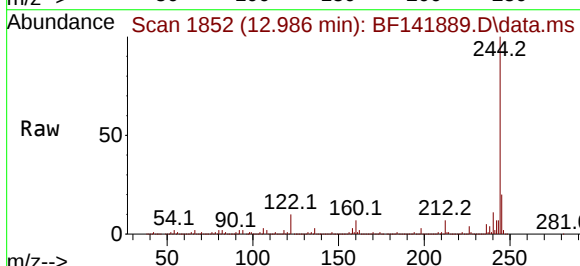
Tgt Ion:244 Resp: 2580113

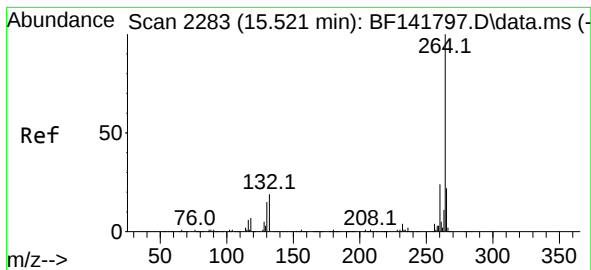
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.0 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141889.D
 Acq: 07 Mar 2025 12:29

Instrument :
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Tgt Ion:264 Resp: 364512
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 21.0 17.4 26.0

