

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141362.D
 Acq On : 03 Feb 2025 11:51
 Operator : RC/JU
 Sample : PB166426BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BL

Quant Time: Feb 03 12:18:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	87343	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	347606	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	191809	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	337058	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	285942	20.000	ng	-0.02
86) Perylene-d12	15.421	264	281061	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	905850	159.219	ng	0.01
7) Phenol-d6	6.434	99	1034467	142.930	ng	0.00
23) Nitrobenzene-d5	7.357	82	679449	103.042	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	279143	158.744	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1249119	100.237	ng	-0.01
79) Terphenyl-d14	12.910	244	1557840	84.020	ng	0.00

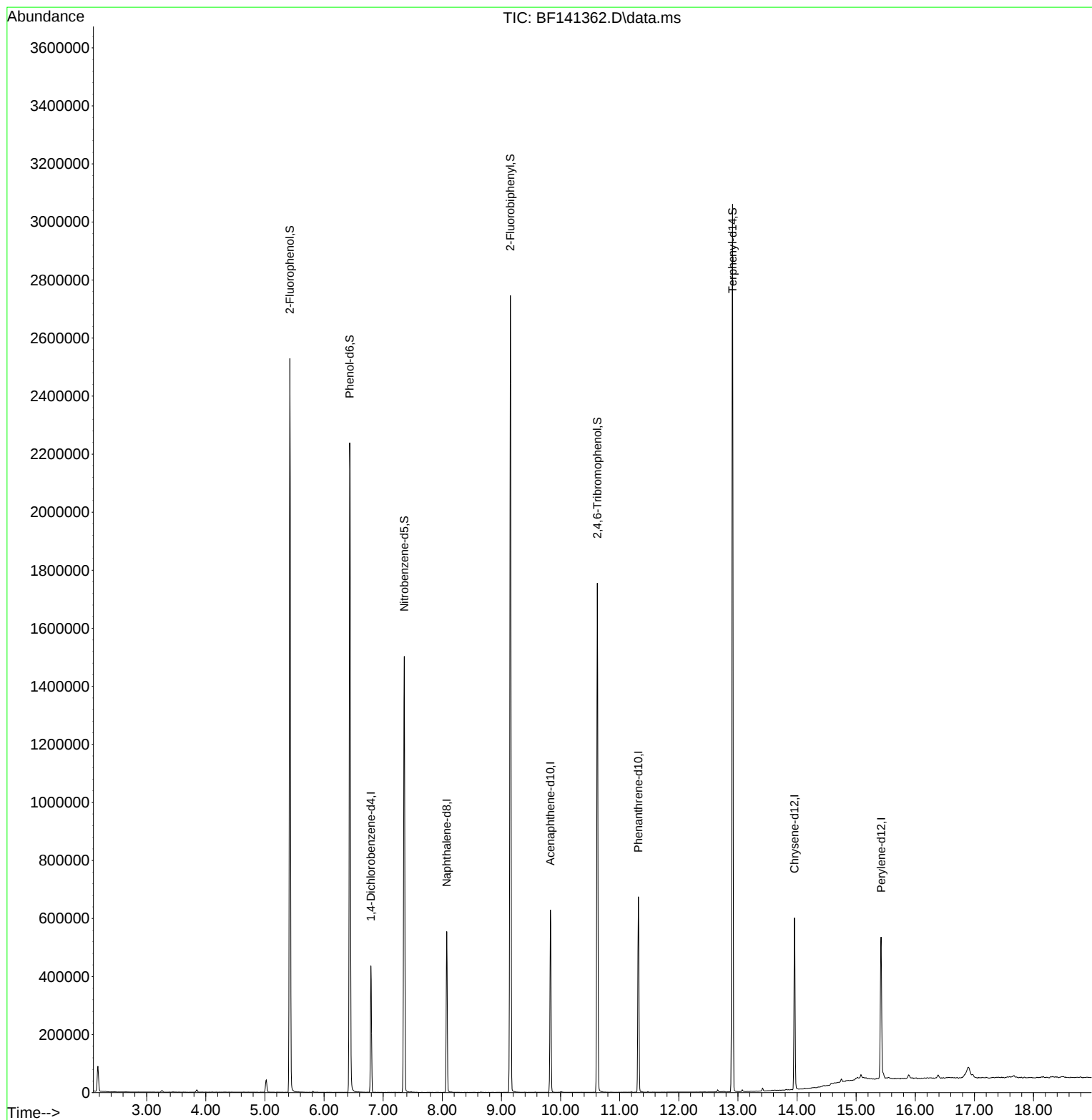
Target Compounds	Qvalue

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

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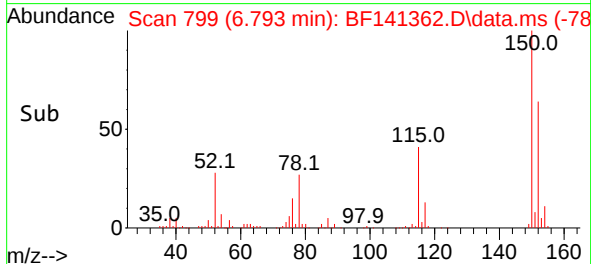
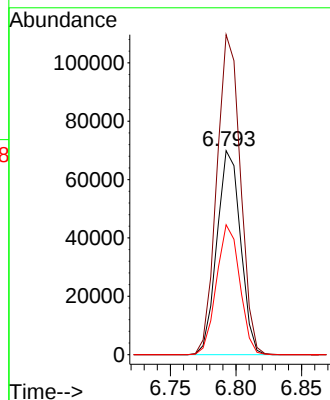
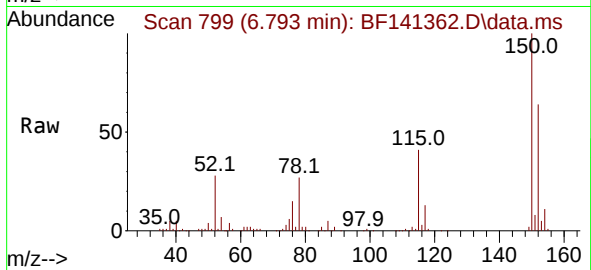




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

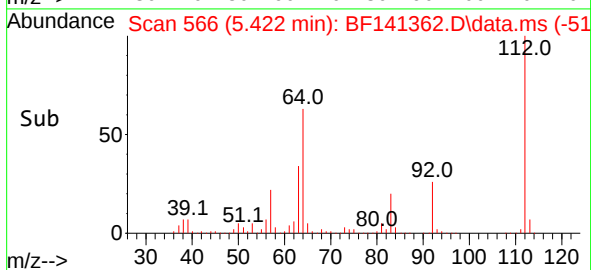
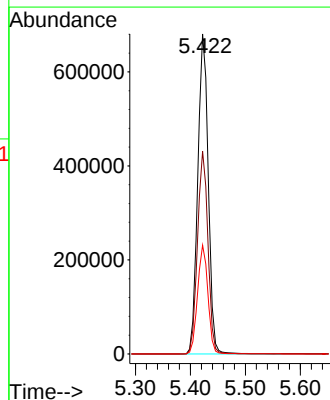
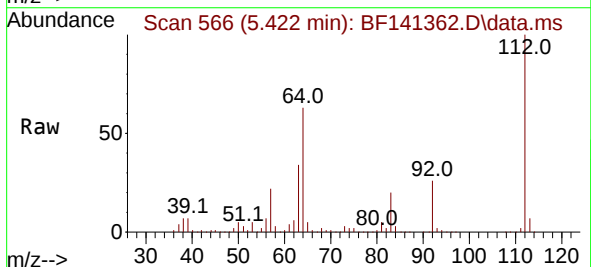
Instrument :
BNA_F
ClientSampleId :
PB166426BL

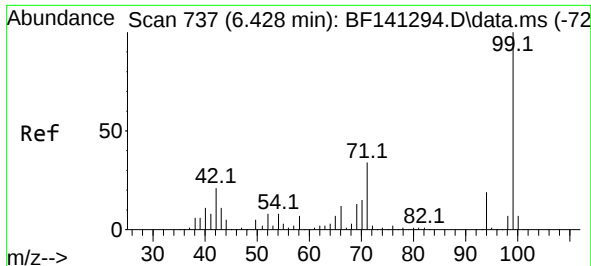
Tgt Ion:152 Resp: 87343
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 63.7 49.7 74.5



#5
2-Fluorophenol
Concen: 159.219 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

Tgt Ion:112 Resp: 905850
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 34.0 26.1 39.1

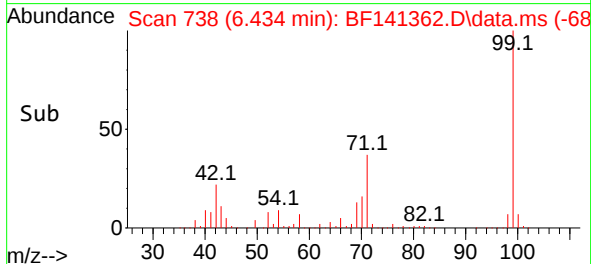
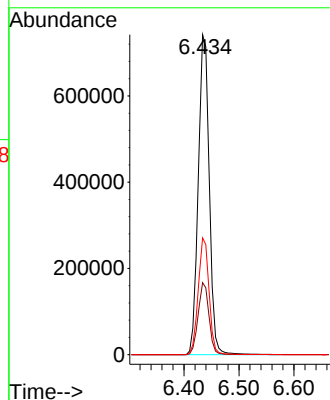
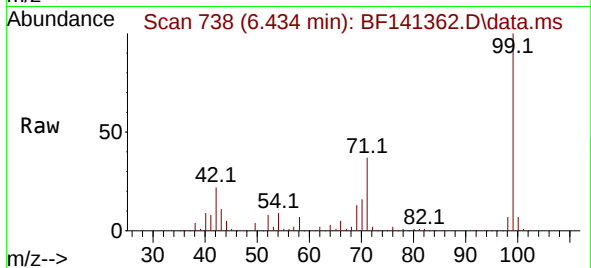




#7
Phenol-d6
Concen: 142.930 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

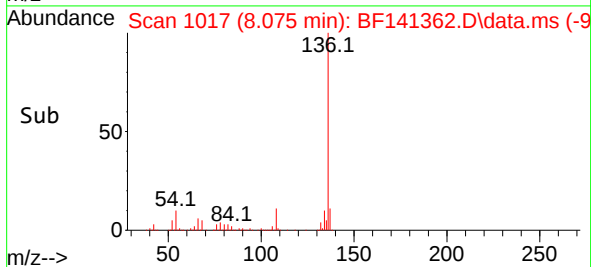
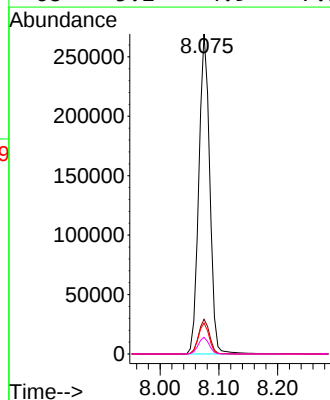
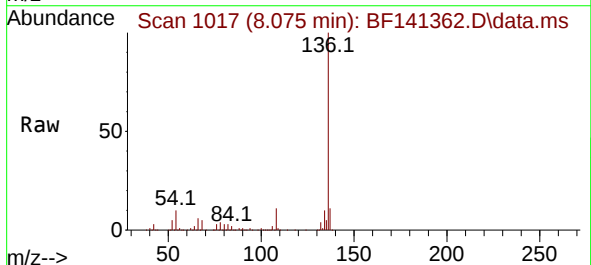
Instrument :
BNA_F
ClientSampleId :
PB166426BL

Tgt Ion: 99 Resp: 1034467
Ion Ratio Lower Upper
99 100
42 22.5 17.1 25.7
71 36.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141362.D
Acq: 03 Feb 2025 11:51

Tgt Ion: 136 Resp: 347606
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.8 11.8
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 103.042 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166426BL

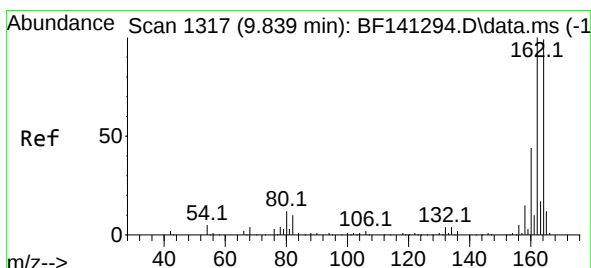
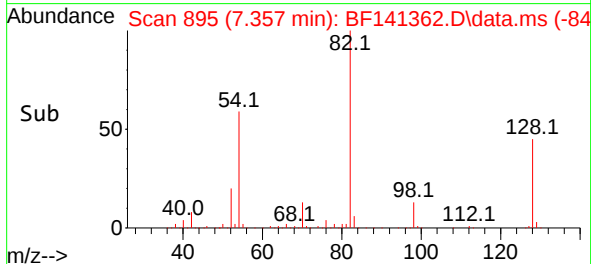
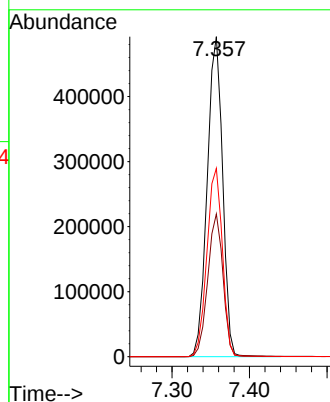
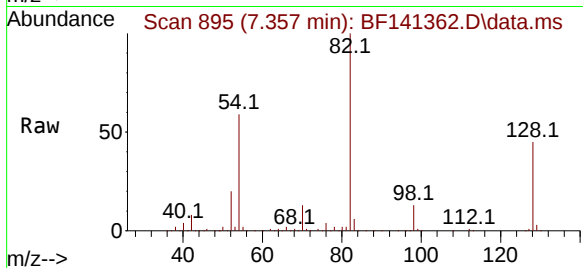
Tgt Ion: 82 Resp: 679449

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 58.9 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

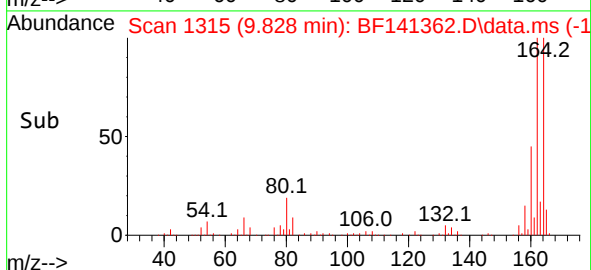
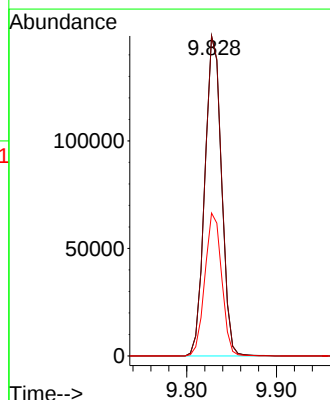
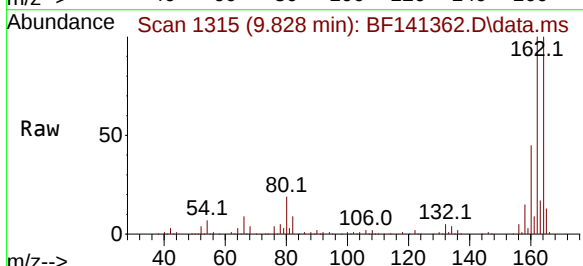
Tgt Ion:164 Resp: 191809

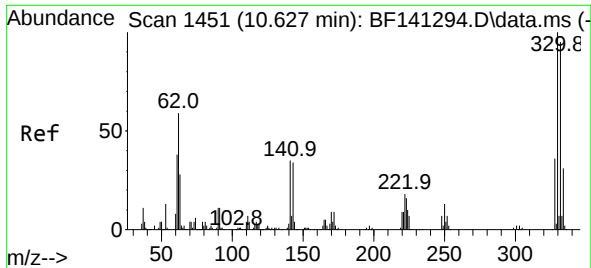
Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

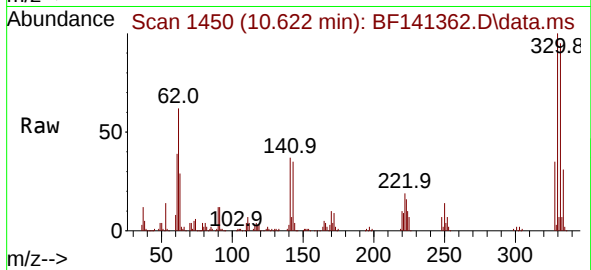
160 44.7 35.8 53.6



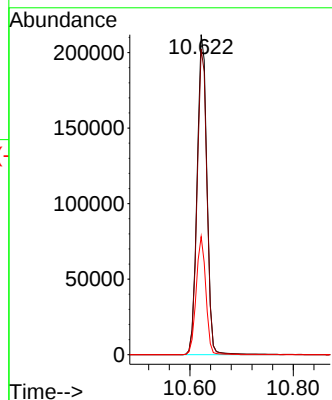
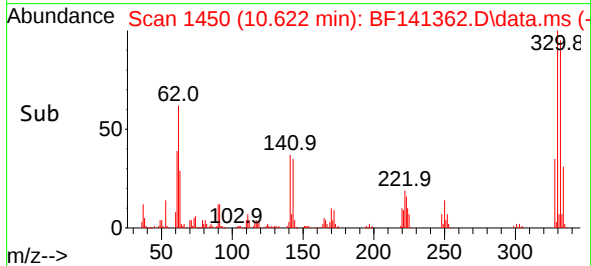


#42
 2,4,6-Tribromophenol
 Concen: 158.744 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.012 min
 Lab File: BF141362.D
 Acq: 03 Feb 2025 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BL

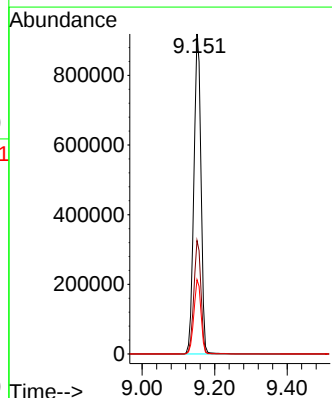
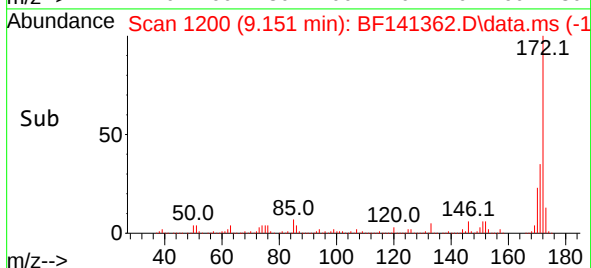
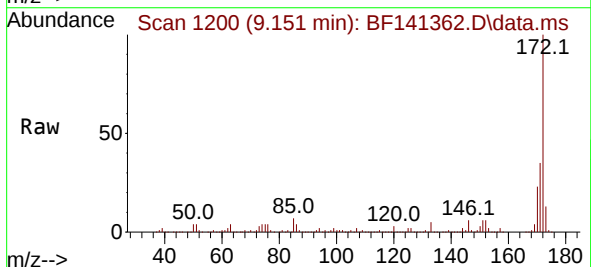


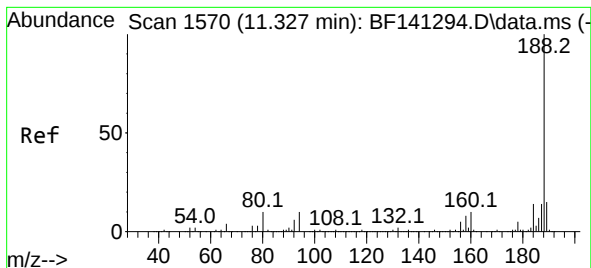
Tgt Ion:330 Resp: 279143
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.1 114.1
 141 36.2 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 100.237 ng
 RT: 9.151 min Scan# 1200
 Delta R.T. -0.012 min
 Lab File: BF141362.D
 Acq: 03 Feb 2025 11:51

Tgt Ion:172 Resp: 1249119
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.8 43.2
 170 23.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

Instrument :

BNA_F

ClientSampleId :

PB166426BL

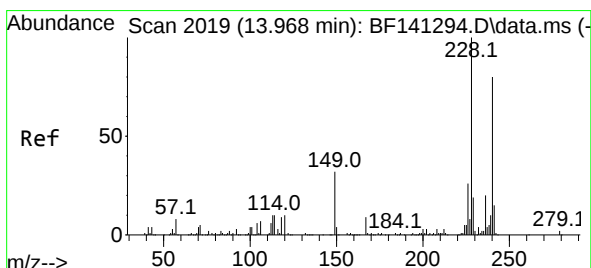
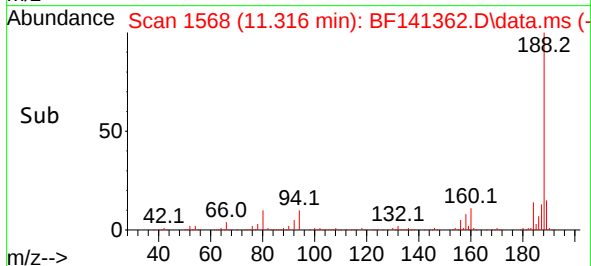
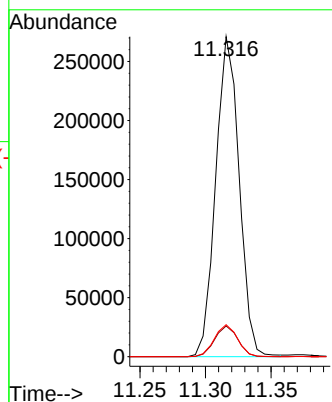
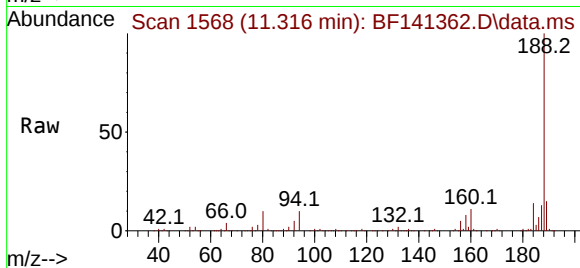
Tgt Ion:188 Resp: 337058

Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 10.0 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF141362.D

Acq: 03 Feb 2025 11:51

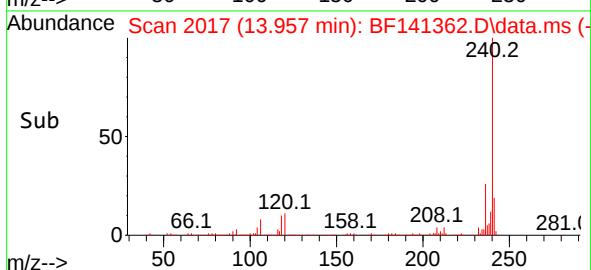
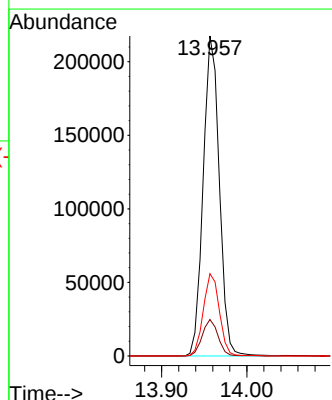
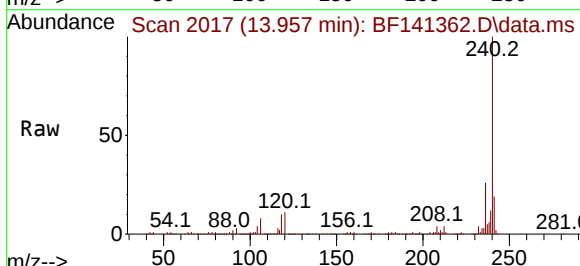
Tgt Ion:240 Resp: 285942

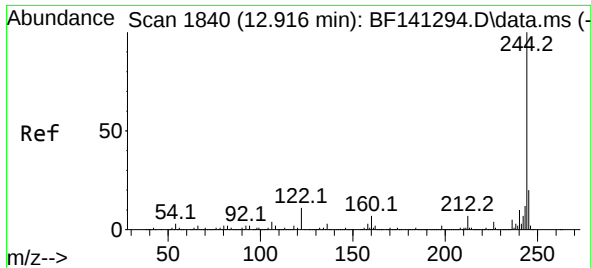
Ion Ratio Lower Upper

240 100

120 11.4 10.0 15.0

236 25.7 19.7 29.5

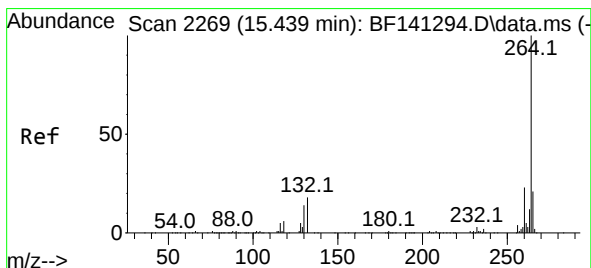
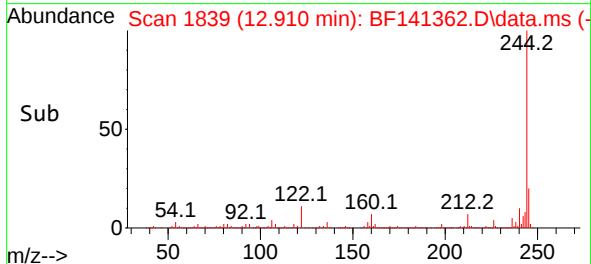
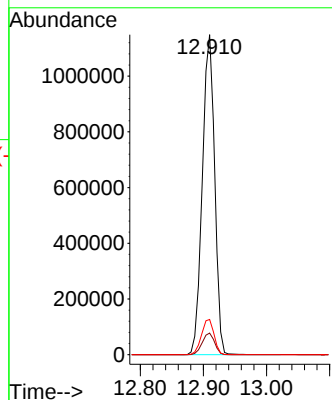
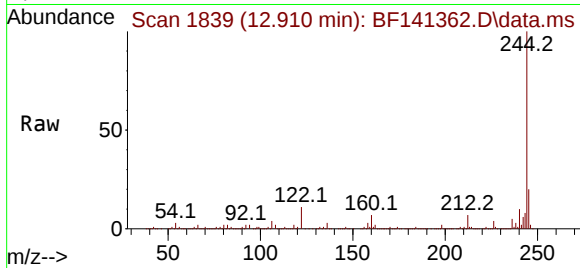




#79
 Terphenyl-d14
 Concen: 84.020 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141362.D
 Acq: 03 Feb 2025 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BL

Tgt Ion:244 Resp: 1557840
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141362.D
 Acq: 03 Feb 2025 11:51

Tgt Ion:264 Resp: 281061
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.0 16.7 25.1

