

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141921.D
 Acq On : 11 Mar 2025 17:42
 Operator : RC/JU
 Sample : Q1534-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-18

Quant Time: Mar 11 18:13:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	148454	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	543803	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	280113	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	459573	20.000	ng	0.00
76) Chrysene-d12	14.033	240	389706	20.000	ng	0.00
86) Perylene-d12	15.504	264	300445	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1149360	129.214	ng	0.02
7) Phenol-d6	6.504	99	1321668	116.701	ng	0.00
23) Nitrobenzene-d5	7.439	82	988385	102.284	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	471876	132.788	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1796562	97.540	ng	0.00
79) Terphenyl-d14	12.986	244	2123054	80.544	ng	0.00

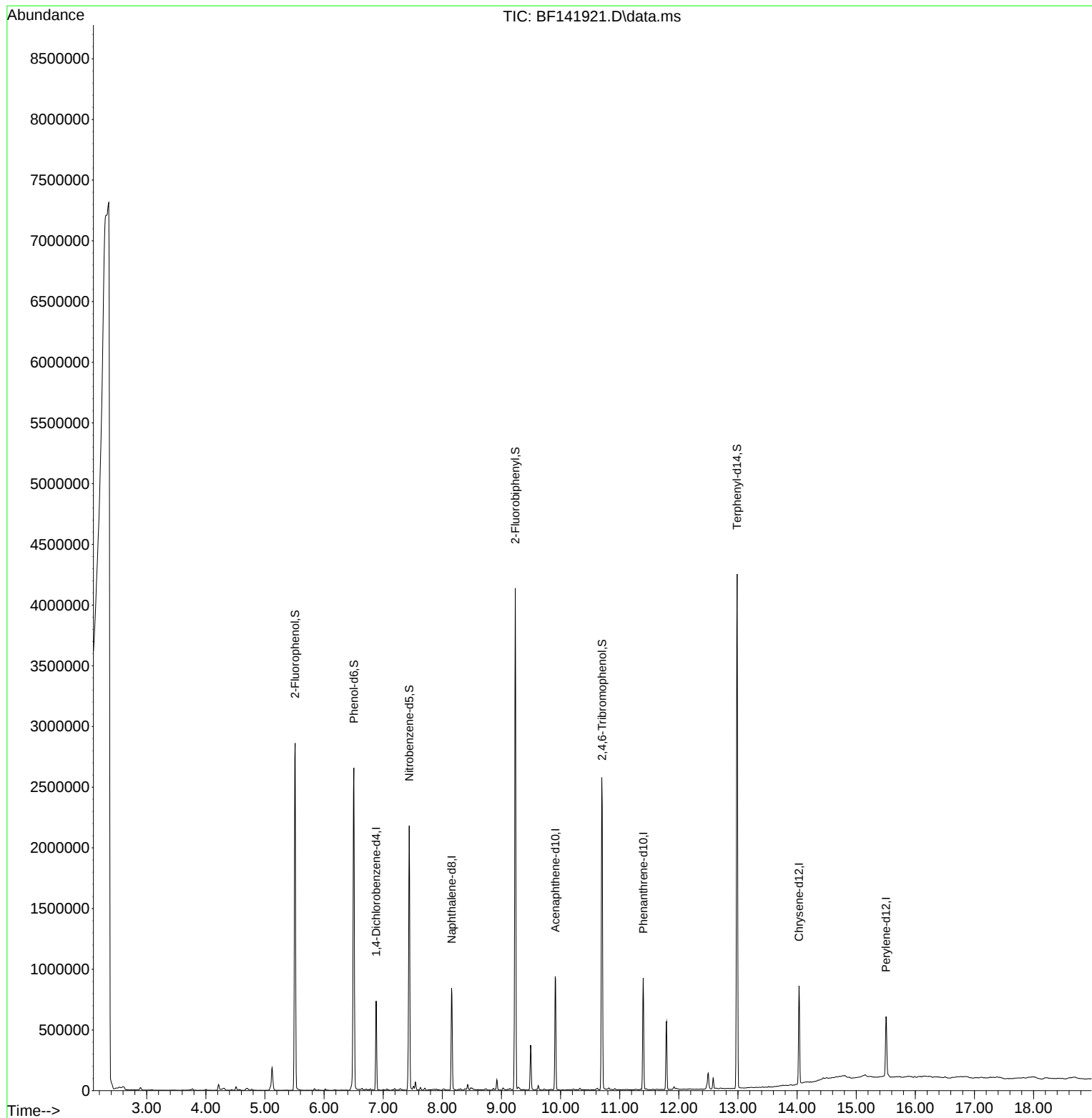
Target Compounds	Qvalue

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

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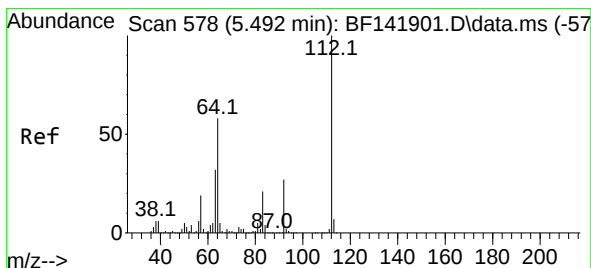
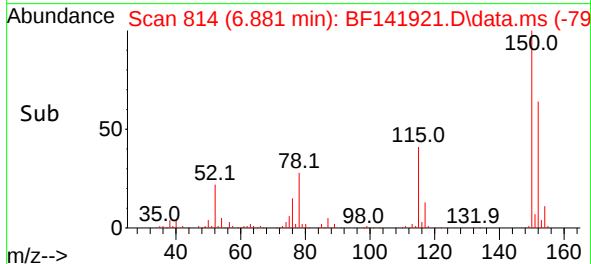
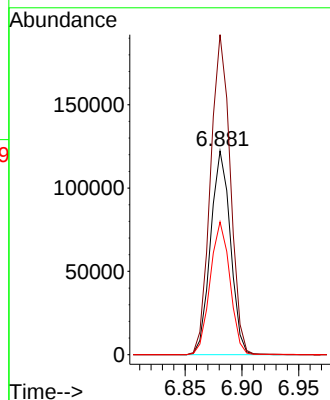
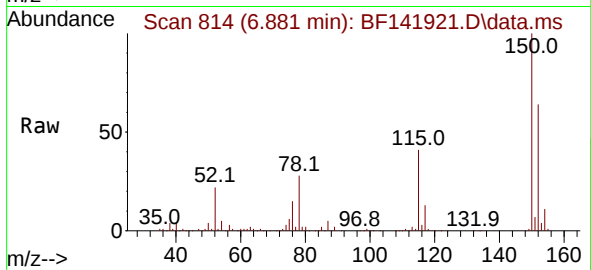




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141921.D
 Acq: 11 Mar 2025 17:42

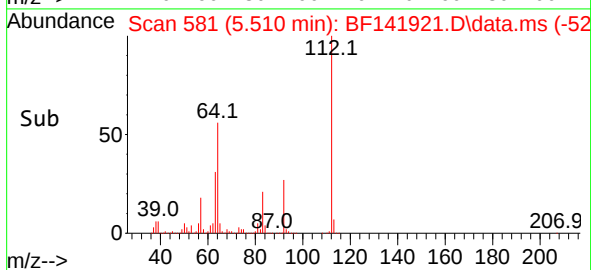
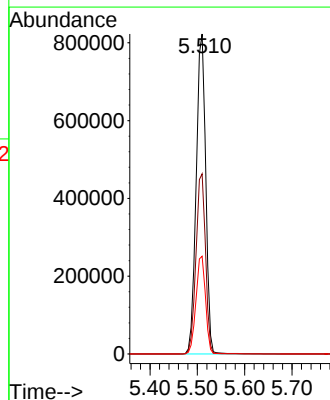
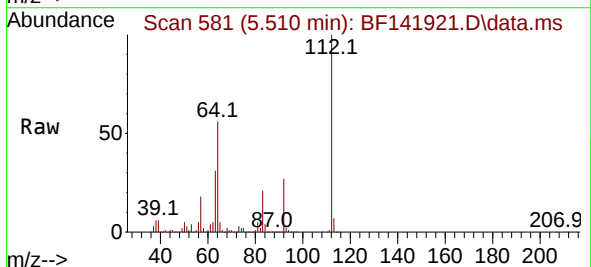
Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-18

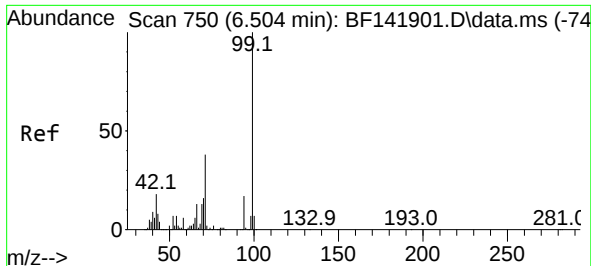
Tgt Ion:152 Resp: 148454
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.4 191.2
 115 65.2 51.9 77.9



#5
 2-Fluorophenol
 Concen: 129.214 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.018 min
 Lab File: BF141921.D
 Acq: 11 Mar 2025 17:42

Tgt Ion:112 Resp: 1149360
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.5 69.7
 63 30.6 25.4 38.2

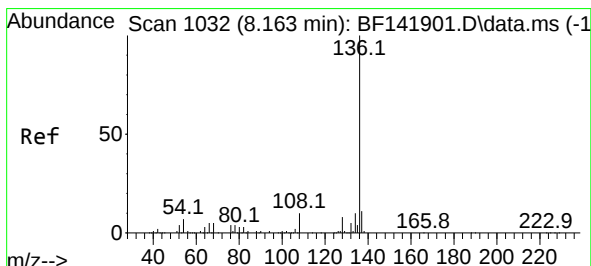
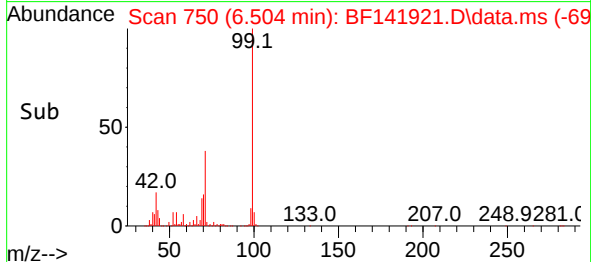
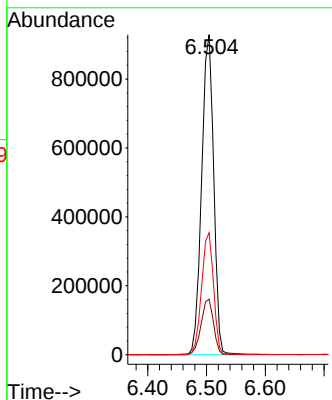
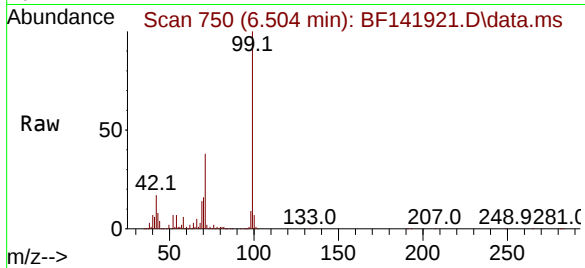




#7
Phenol-d6
Concen: 116.701 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141921.D
Acq: 11 Mar 2025 17:42

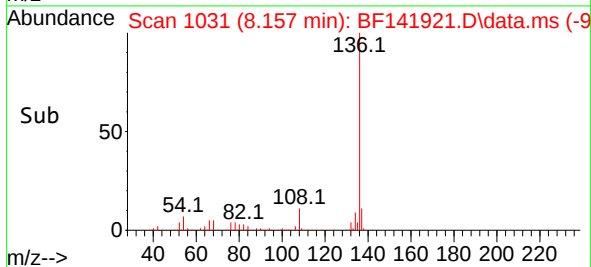
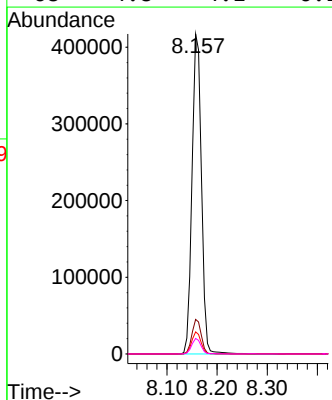
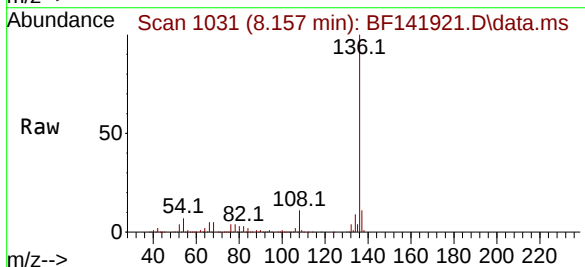
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-18

Tgt Ion: 99 Resp: 1321668
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 38.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141921.D
Acq: 11 Mar 2025 17:42

Tgt Ion: 136 Resp: 543803
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 102.284 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF141921.D

Acq: 11 Mar 2025 17:42

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-18

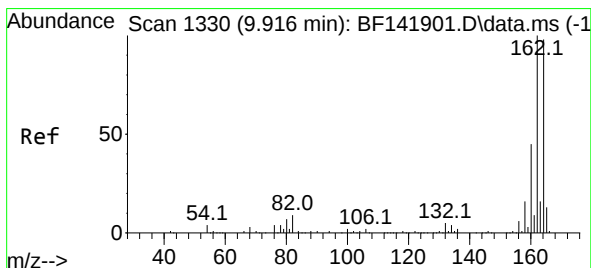
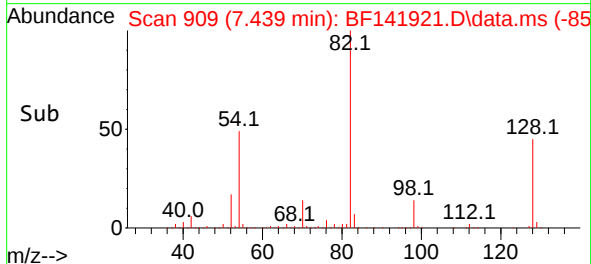
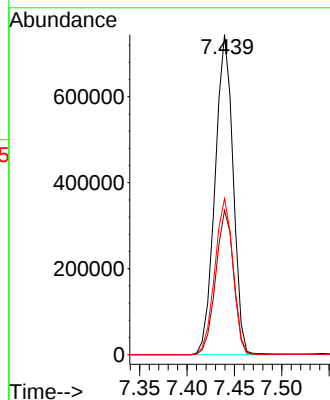
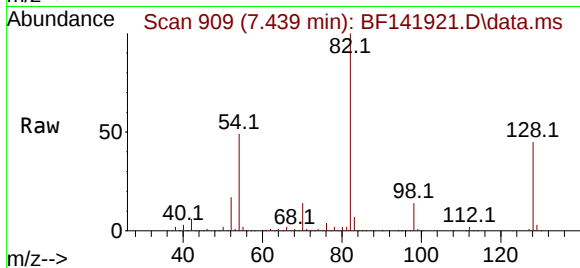
Tgt Ion: 82 Resp: 988385

Ion Ratio Lower Upper

82 100

128 45.1 36.0 54.0

54 48.8 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF141921.D

Acq: 11 Mar 2025 17:42

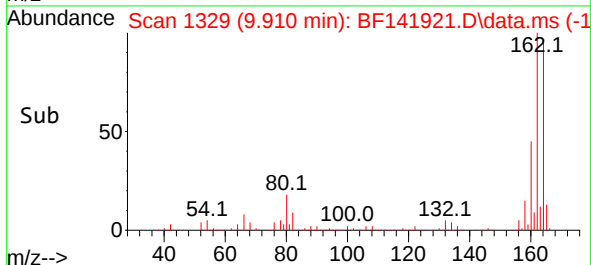
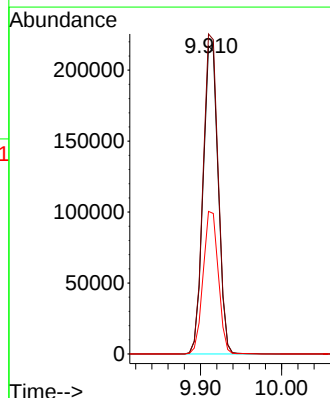
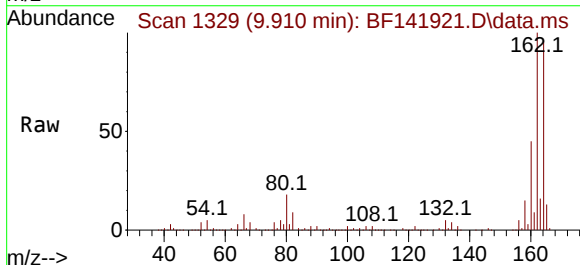
Tgt Ion:164 Resp: 280113

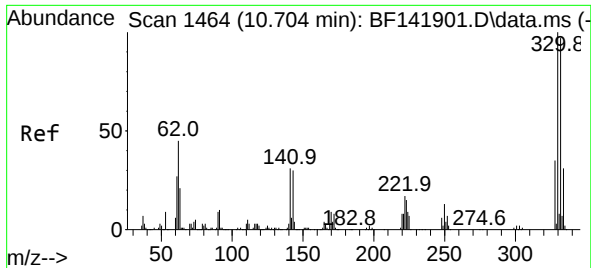
Ion Ratio Lower Upper

164 100

162 103.9 81.8 122.6

160 46.3 36.7 55.1

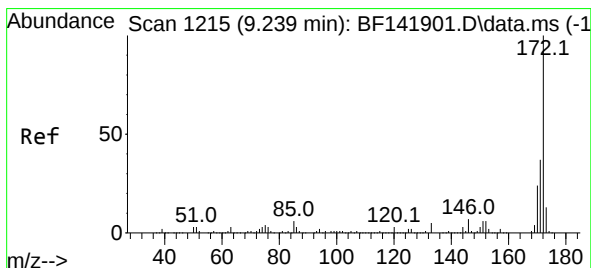
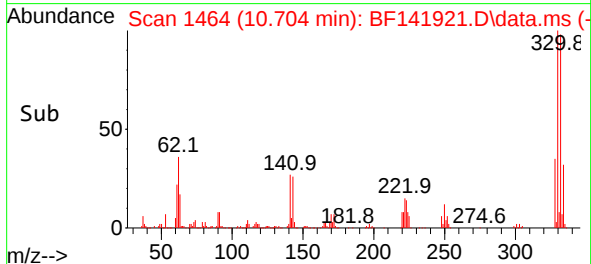
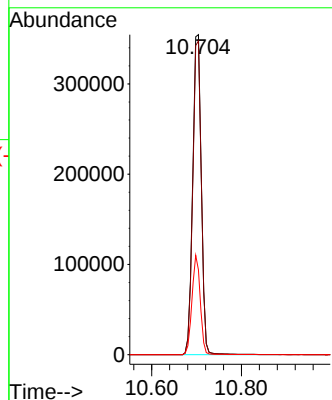
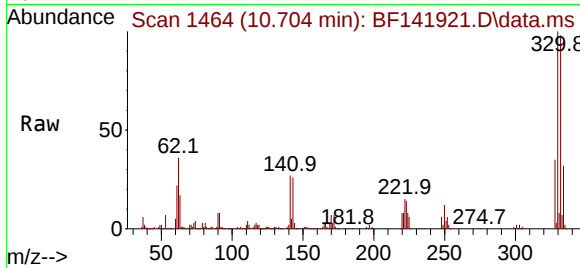




#42
 2,4,6-Tribromophenol
 Concen: 132.788 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF141921.D
 Acq: 11 Mar 2025 17:42

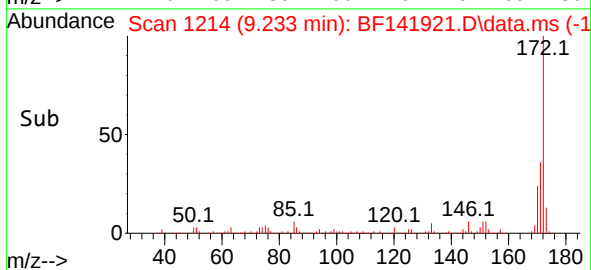
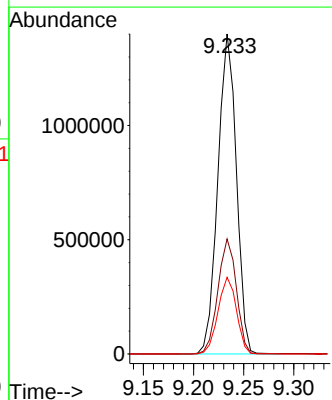
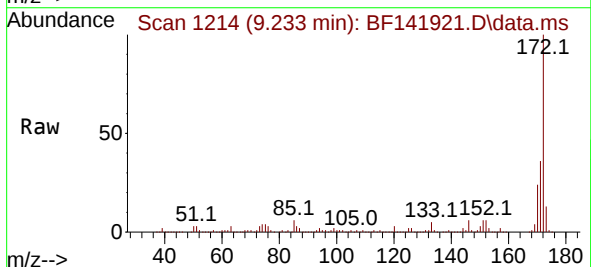
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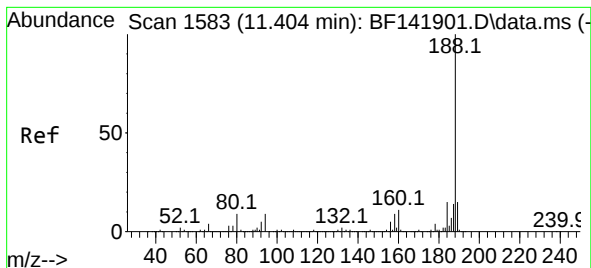
Tgt Ion: 330 Resp: 471876
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.6 116.4
 141 30.0 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 97.540 ng
 RT: 9.233 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: BF141921.D
 Acq: 11 Mar 2025 17:42

Tgt Ion: 172 Resp: 1796562
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141921.D

Acq: 11 Mar 2025 17:42

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-18

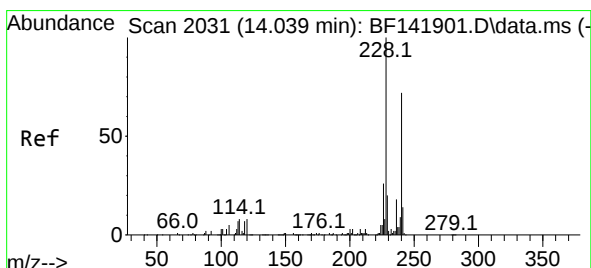
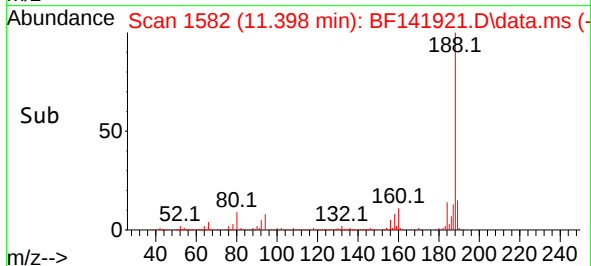
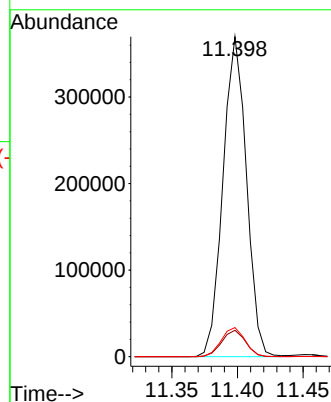
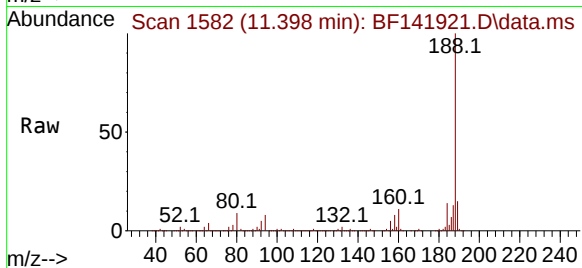
Tgt Ion:188 Resp: 459573

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 9.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF141921.D

Acq: 11 Mar 2025 17:42

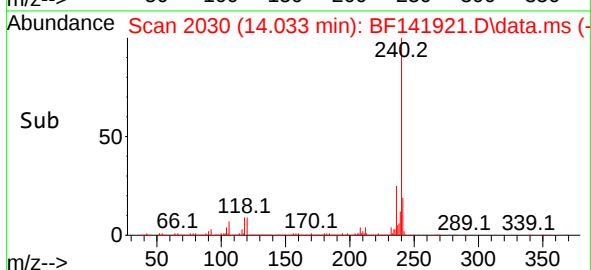
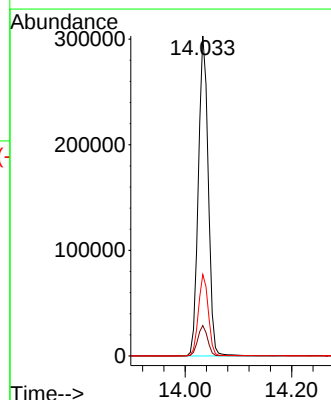
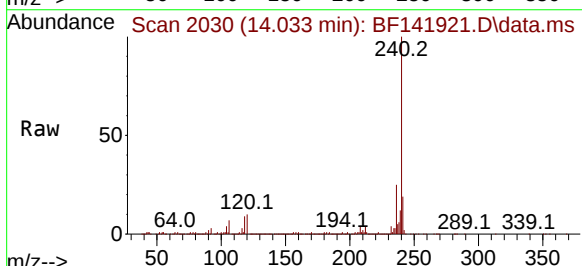
Tgt Ion:240 Resp: 389706

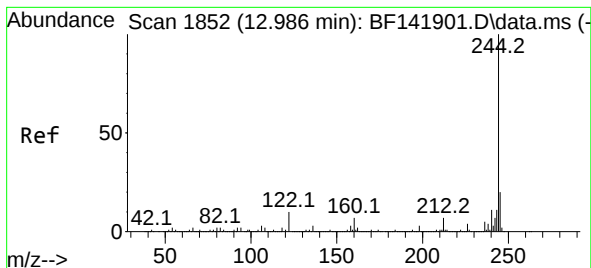
Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 80.544 ng

RT: 12.986 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141921.D

Acq: 11 Mar 2025 17:42

Instrument :

BNA_F

ClientSampleId :

OR-636-COMP-18

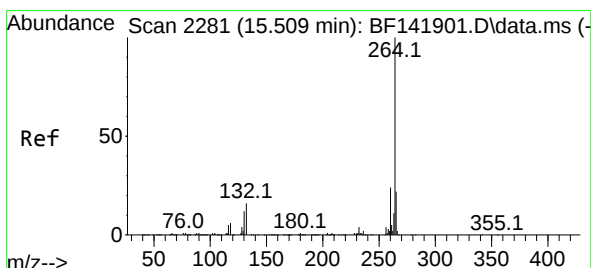
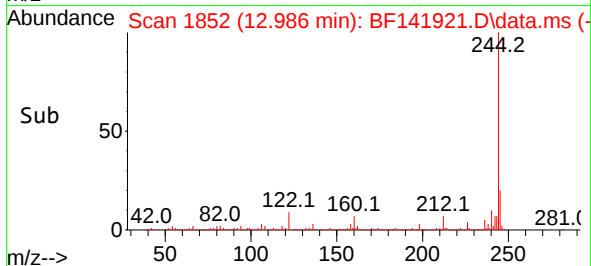
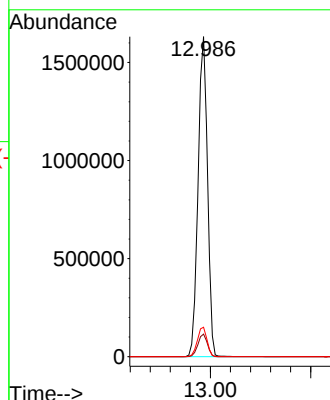
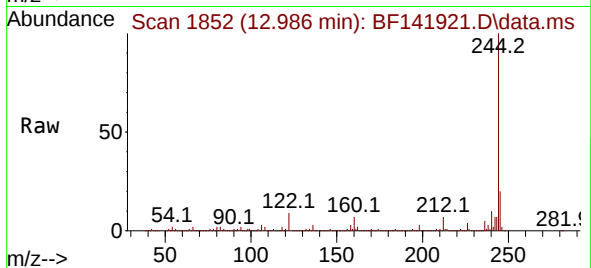
Tgt Ion:244 Resp: 2123054

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.2 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF141921.D

Acq: 11 Mar 2025 17:42

Tgt Ion:264 Resp: 300445

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.6 17.5 26.3

