

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141705.D
 Acq On : 20 Feb 2025 16:05
 Operator : RC/JU
 Sample : Q1383-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-15-021725

Quant Time: Feb 20 16:30:37 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	6.781	152	89370	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	350480	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	181694	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	311871	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	182612	20.000	ng	-0.02
86) Perylene-d12	15.380	264	168942	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	524168	91.950	ng	-0.01
7) Phenol-d6	6.416	99	653165	90.654	ng	-0.02
23) Nitrobenzene-d5	7.345	82	414217	61.644	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	158905	87.062	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	770784	65.357	ng	-0.02
79) Terphenyl-d14	12.880	244	781103	72.210	ng	-0.02

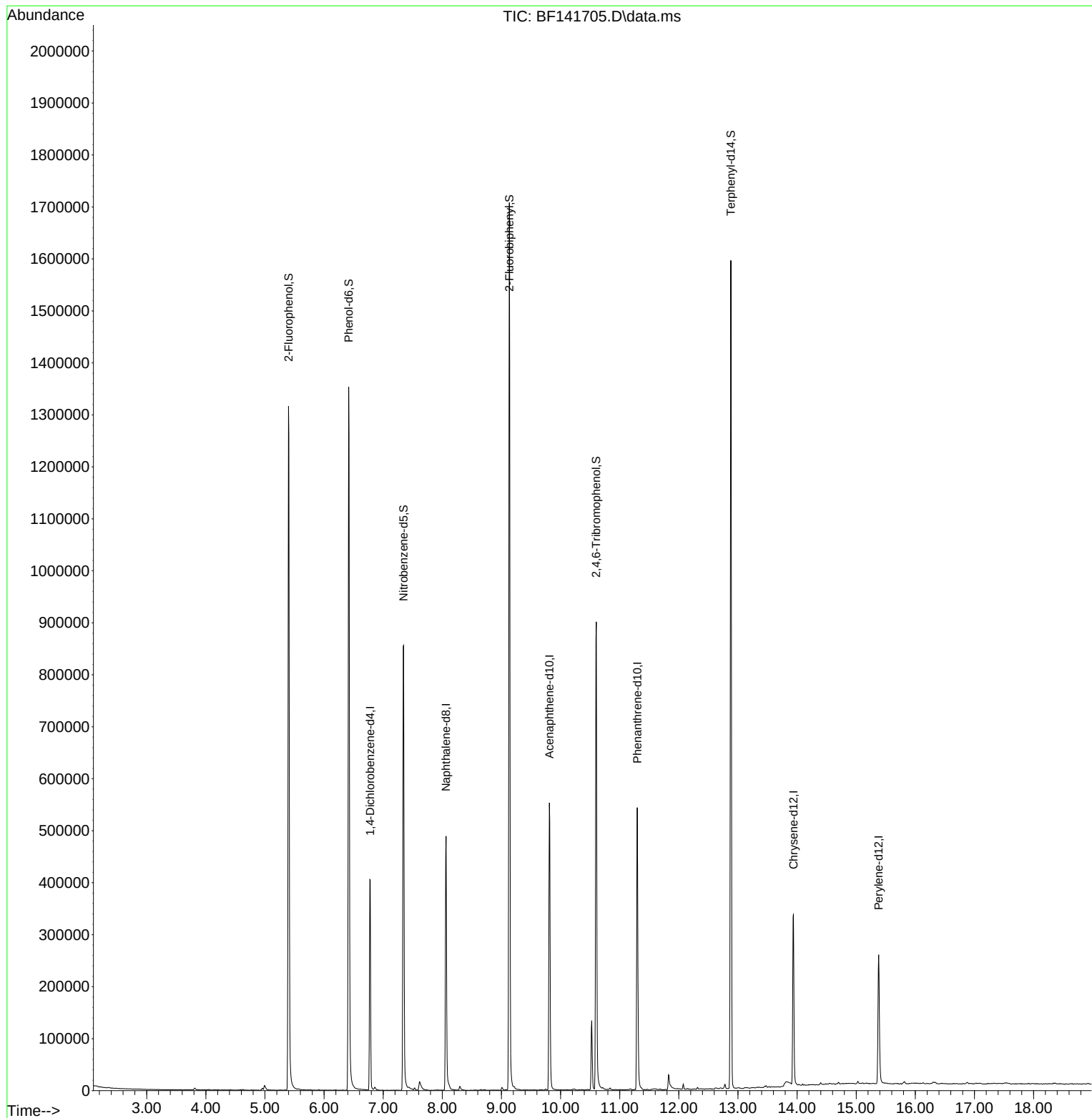
Target Compounds	Qvalue

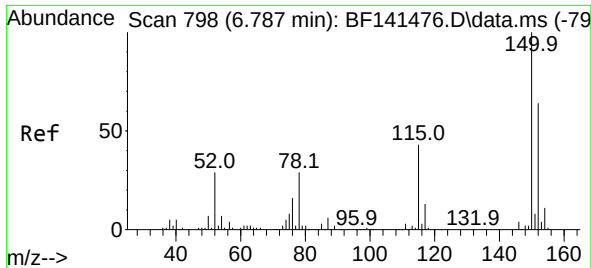
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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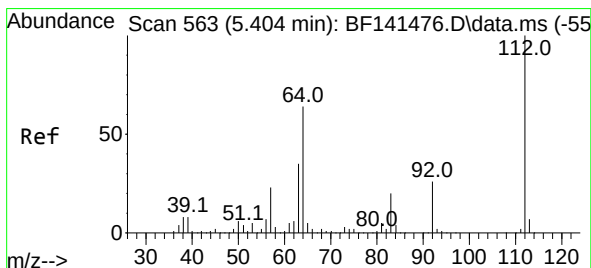
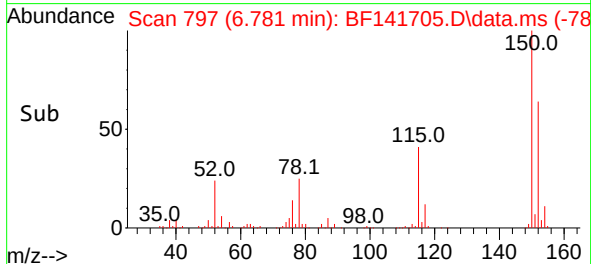
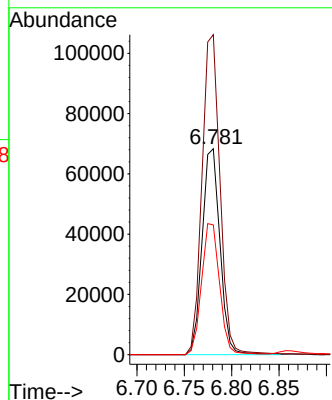
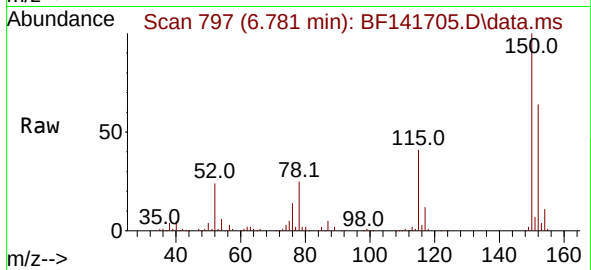




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141705.D
 Acq: 20 Feb 2025 16:05

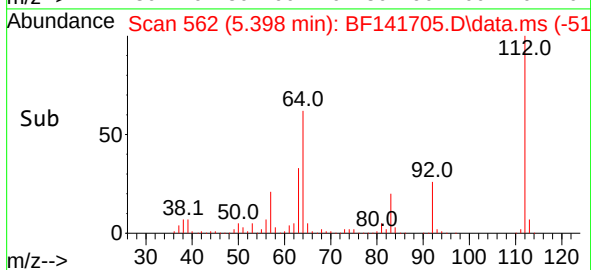
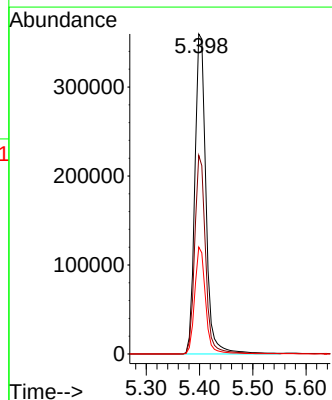
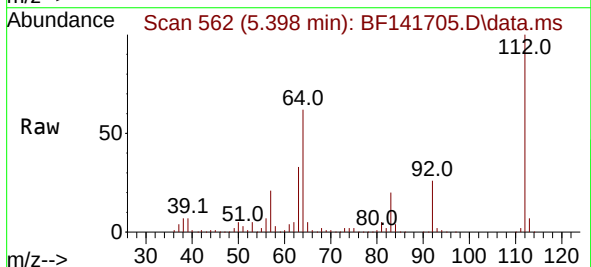
Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-15-021725

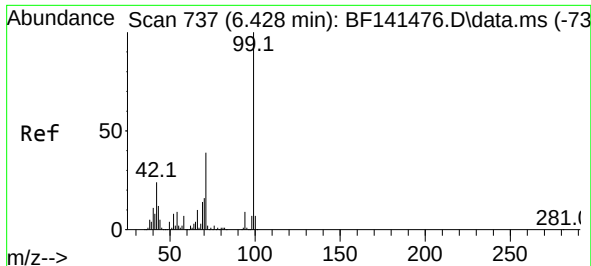
Tgt Ion:152 Resp: 89370
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.0 187.4
 115 63.0 53.6 80.4



#5
 2-Fluorophenol
 Concen: 91.950 ng
 RT: 5.398 min Scan# 562
 Delta R.T. -0.012 min
 Lab File: BF141705.D
 Acq: 20 Feb 2025 16:05

Tgt Ion:112 Resp: 524168
 Ion Ratio Lower Upper
 112 100
 64 62.1 51.1 76.7
 63 33.4 28.4 42.6

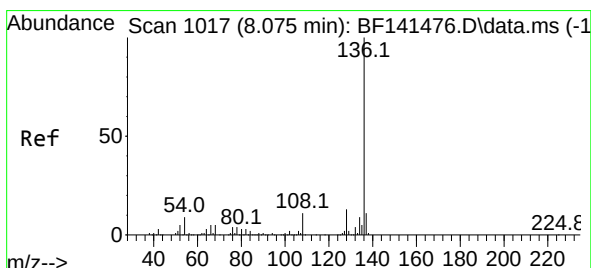
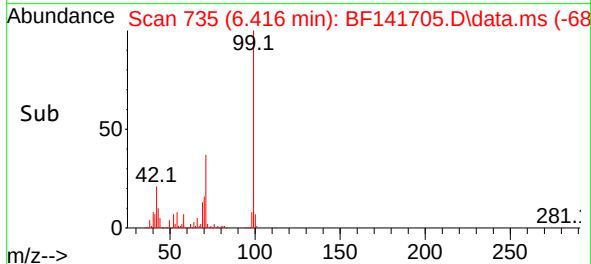
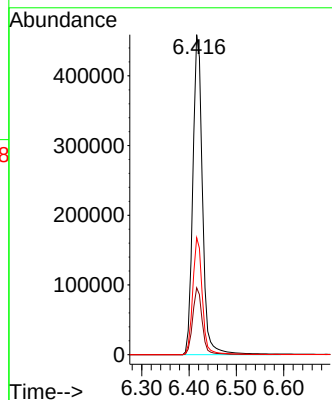
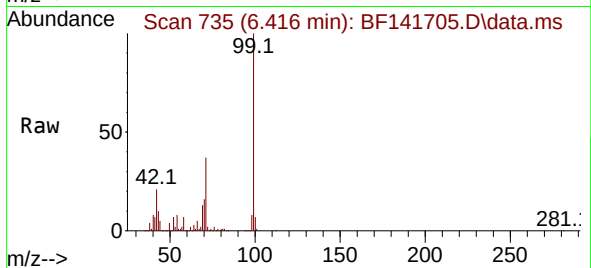




#7
Phenol-d6
Concen: 90.654 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

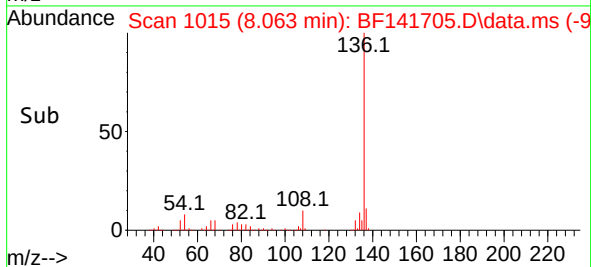
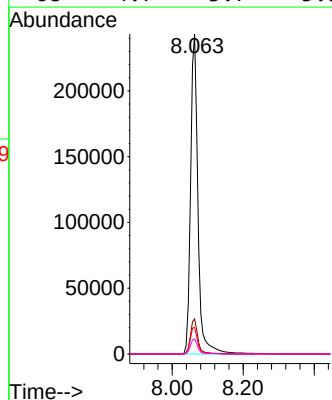
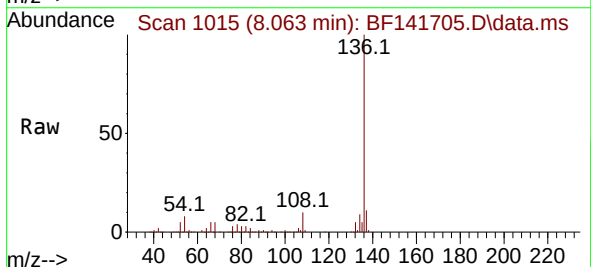
Instrument :
BNA_F
ClientSampleId :
OU4-CF-15-021725

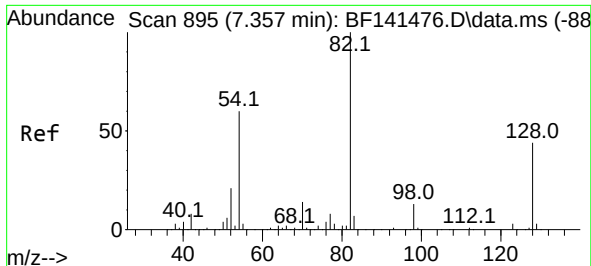
Tgt Ion: 99 Resp: 653165
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

Tgt Ion: 136 Resp: 350480
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 61.644 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141705.D

Acq: 20 Feb 2025 16:05

Instrument :

BNA_F

ClientSampleId :

OU4-CF-15-021725

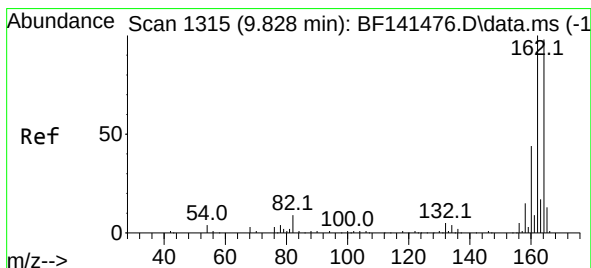
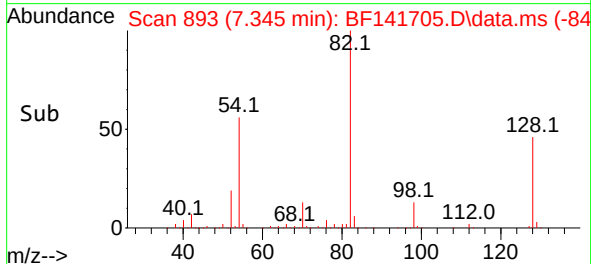
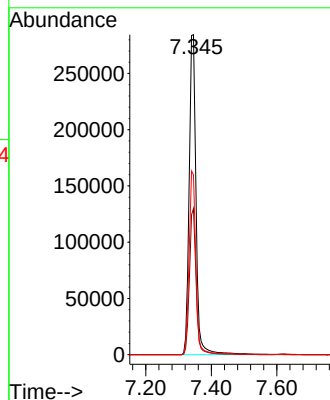
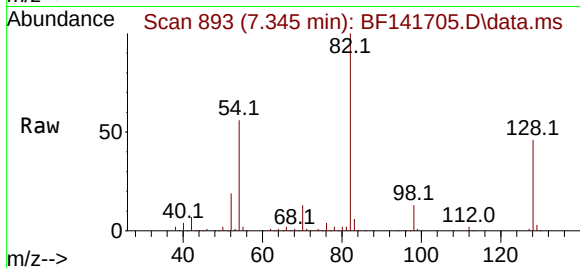
Tgt Ion: 82 Resp: 414217

Ion Ratio Lower Upper

82 100

128 45.6 34.8 52.2

54 56.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.023 min

Lab File: BF141705.D

Acq: 20 Feb 2025 16:05

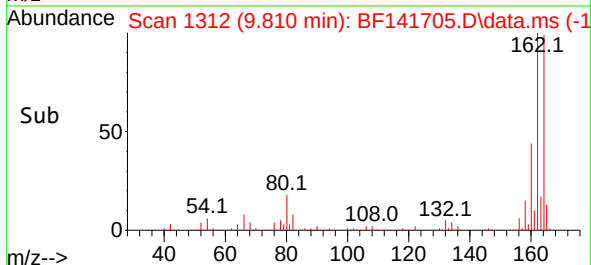
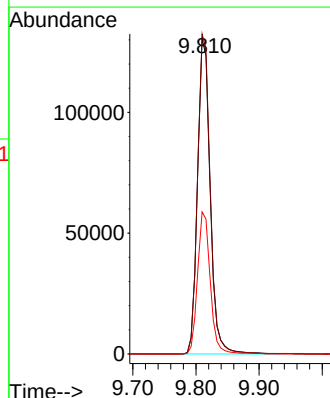
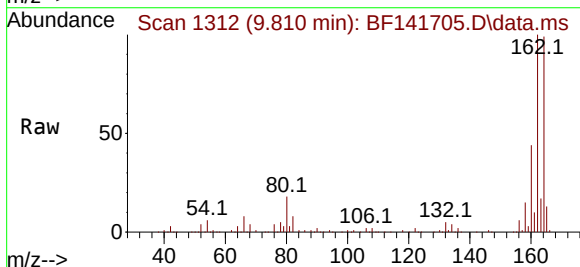
Tgt Ion:164 Resp: 181694

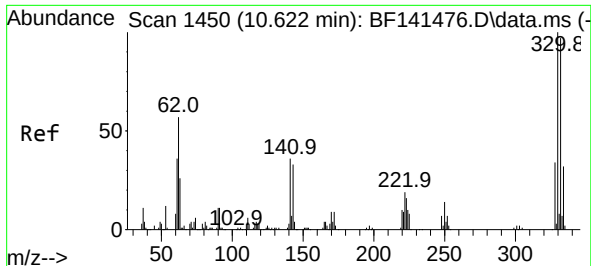
Ion Ratio Lower Upper

164 100

162 101.5 81.3 121.9

160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 87.062 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141705.D

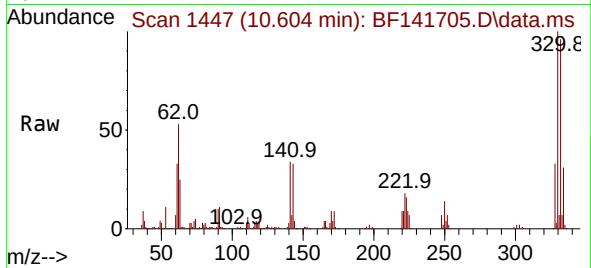
Acq: 20 Feb 2025 16:05

Instrument :

BNA_F

ClientSampleId :

OU4-CF-15-021725



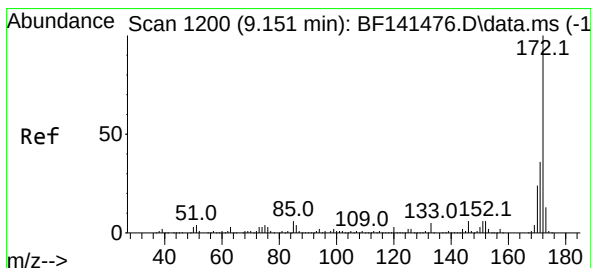
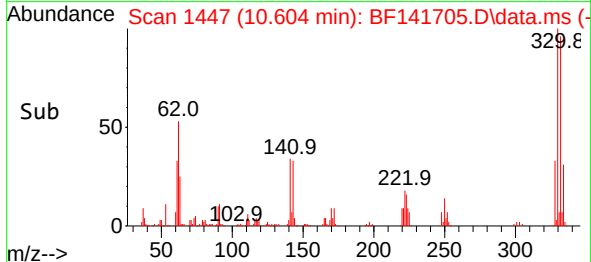
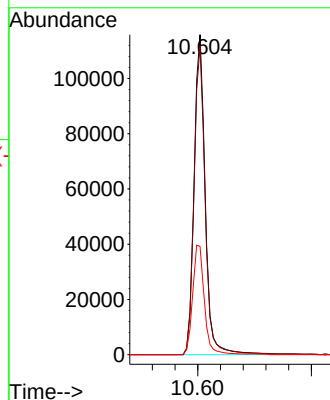
Tgt Ion:330 Resp: 158905

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

141 36.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 65.357 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141705.D

Acq: 20 Feb 2025 16:05

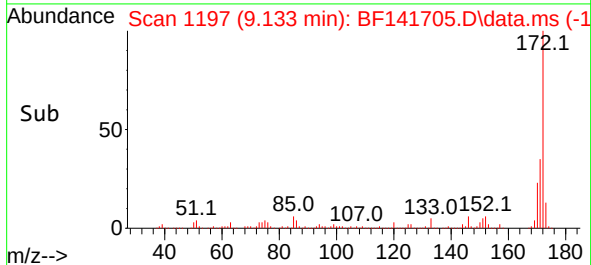
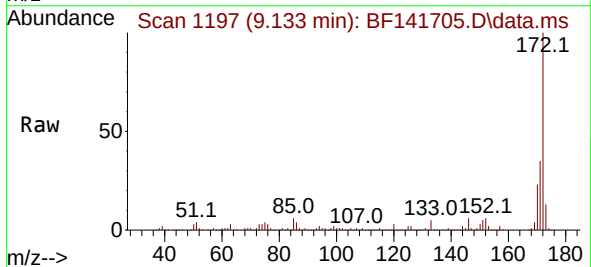
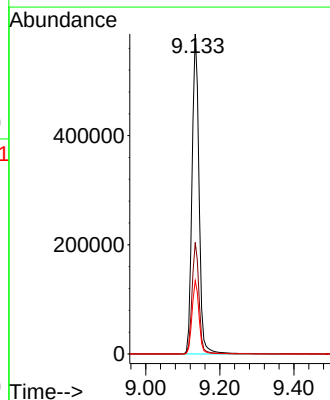
Tgt Ion:172 Resp: 770784

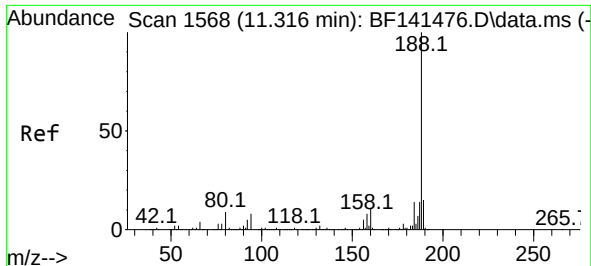
Ion Ratio Lower Upper

172 100

171 34.8 28.7 43.1

170 22.9 18.9 28.3

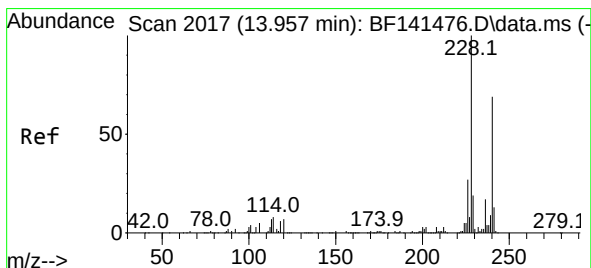
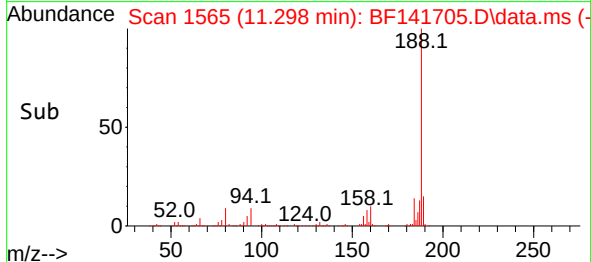
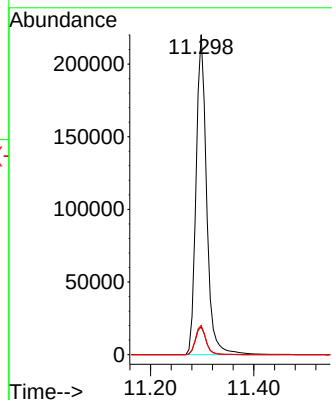
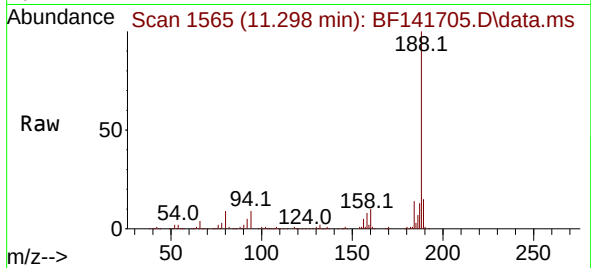




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

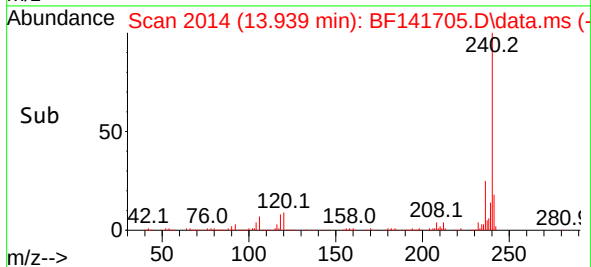
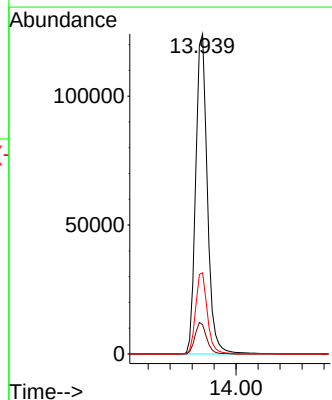
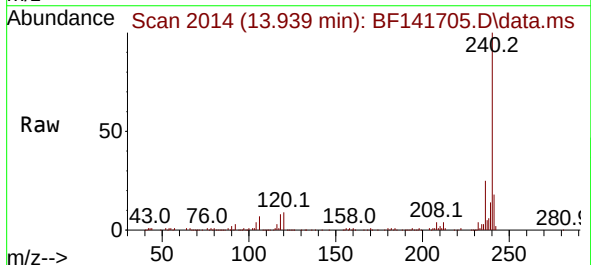
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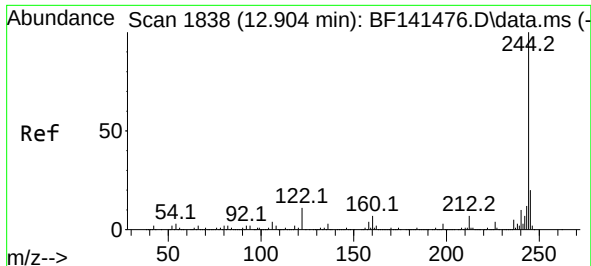
Tgt Ion:188 Resp: 311871
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141705.D
Acq: 20 Feb 2025 16:05

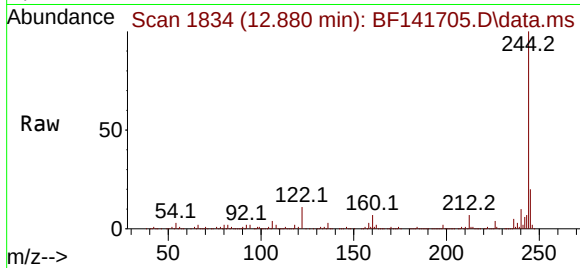
Tgt Ion:240 Resp: 182612
Ion Ratio Lower Upper
240 100
120 9.2 8.0 12.0
236 25.3 19.8 29.8



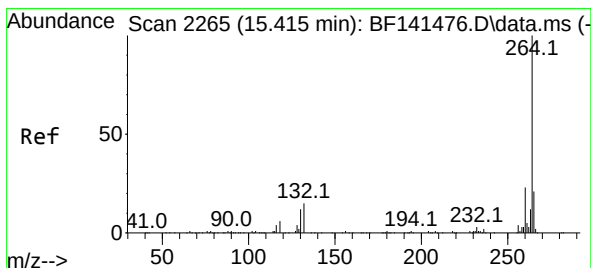
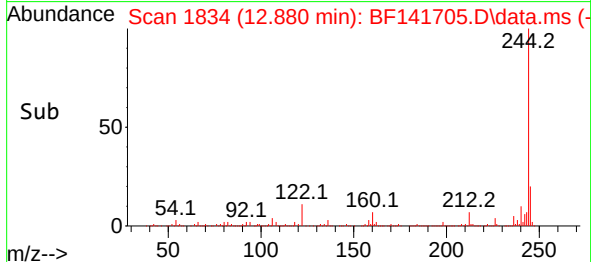
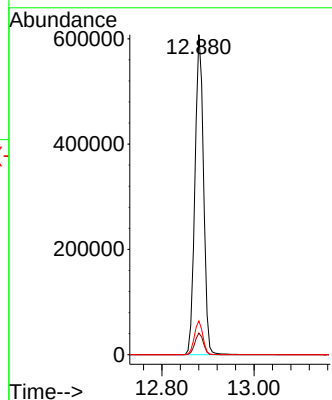


#79
 Terphenyl-d14
 Concen: 72.210 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141705.D
 Acq: 20 Feb 2025 16:05

Instrument :
 BNA_F
 ClientSampleId :
 OU4-CF-15-021725



Tgt Ion:244 Resp: 781103
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141705.D
 Acq: 20 Feb 2025 16:05

Tgt Ion:264 Resp: 168942
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 20.8 17.0 25.4

