

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141769.D
 Acq On : 25 Feb 2025 17:34
 Operator : RC/JU
 Sample : Q1415-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-163-SB01

Quant Time: Feb 26 00:07:42 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	65687	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	241105	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	115261	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	181981	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	152705	20.000	ng	-0.02
86) Perylene-d12	15.380	264	176440	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	416394	99.380	ng	0.00
7) Phenol-d6	6.422	99	492798	93.056	ng	-0.02
23) Nitrobenzene-d5	7.345	82	318531	68.908	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	97463	84.176	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	578204	77.286	ng	-0.02
79) Terphenyl-d14	12.880	244	529478	58.534	ng	-0.02

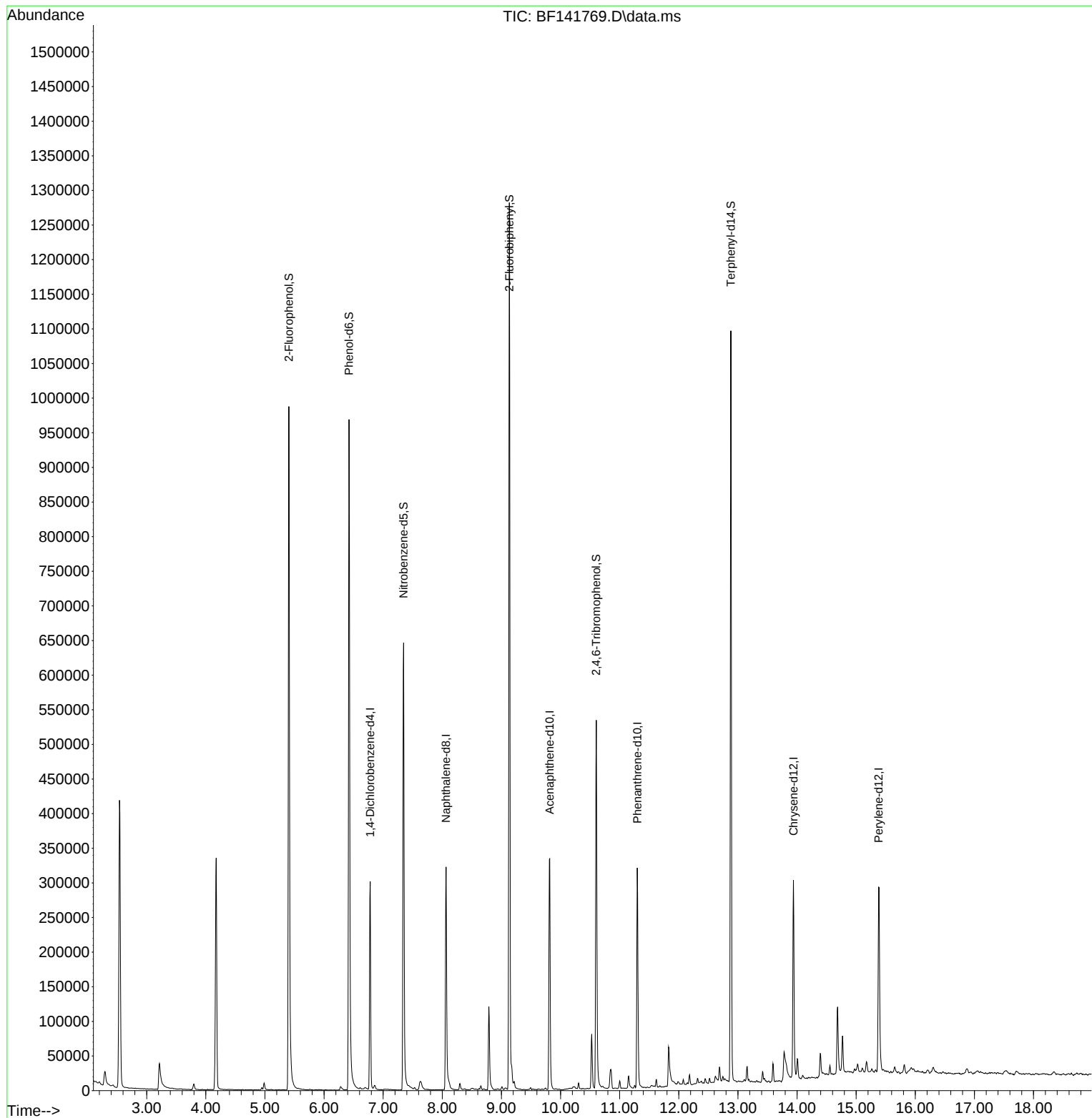
Target Compounds	Qvalue

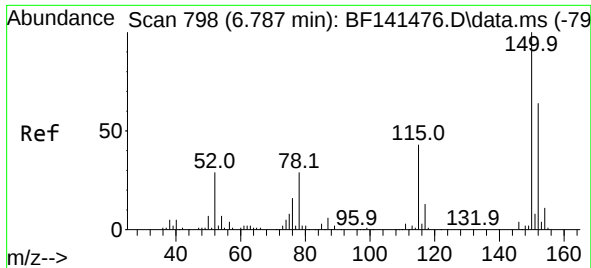
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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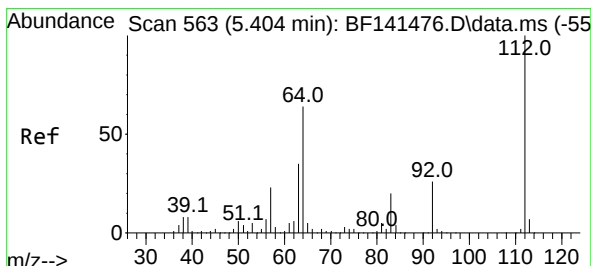
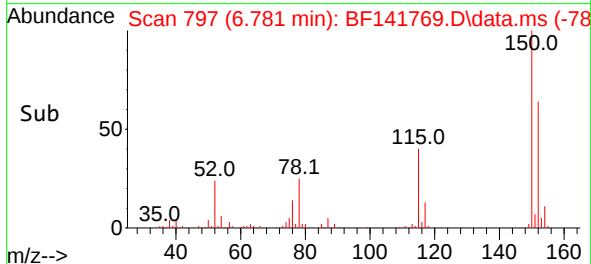
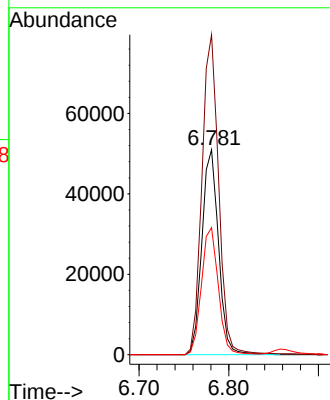
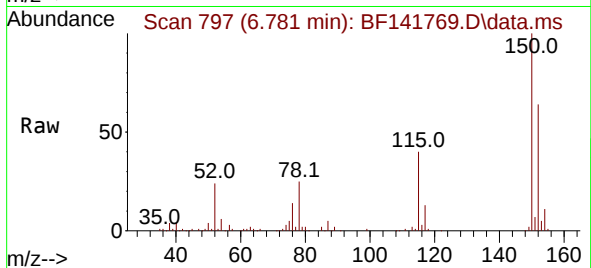




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141769.D
Acq: 25 Feb 2025 17:34

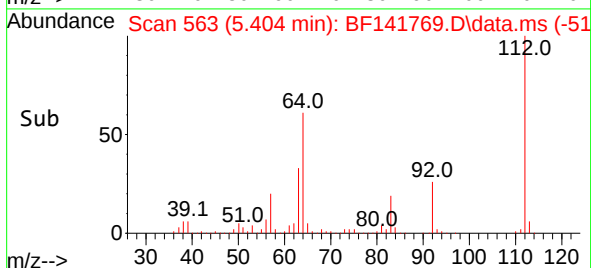
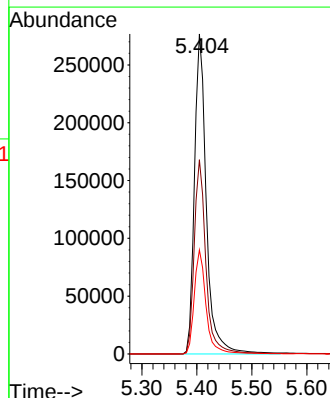
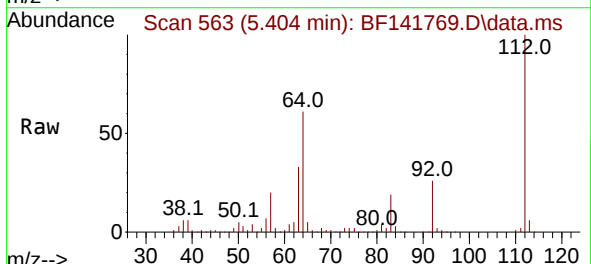
Instrument :
BNA_F
ClientSampleId :
B-163-SB01

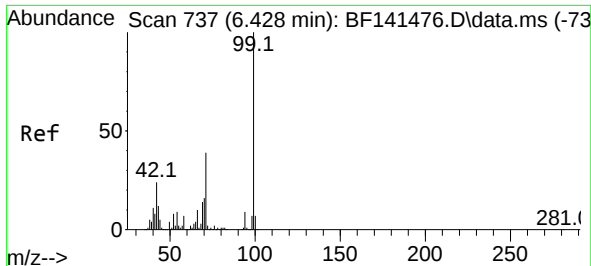
Tgt Ion:152 Resp: 65687
Ion Ratio Lower Upper
152 100
150 156.1 125.0 187.4
115 62.0 53.6 80.4



#5
2-Fluorophenol
Concen: 99.380 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141769.D
Acq: 25 Feb 2025 17:34

Tgt Ion:112 Resp: 416394
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 32.5 28.4 42.6





#7

Phenol-d6

Concen: 93.056 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF141769.D

Acq: 25 Feb 2025 17:34

Instrument :

BNA_F

ClientSampleId :

B-163-SB01

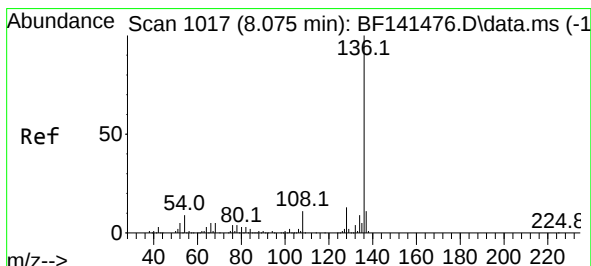
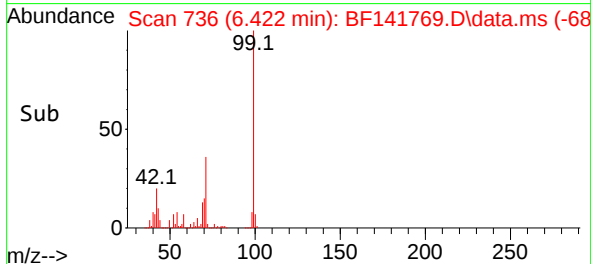
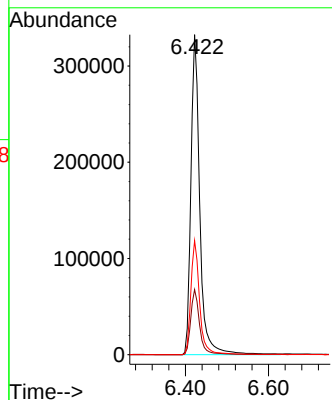
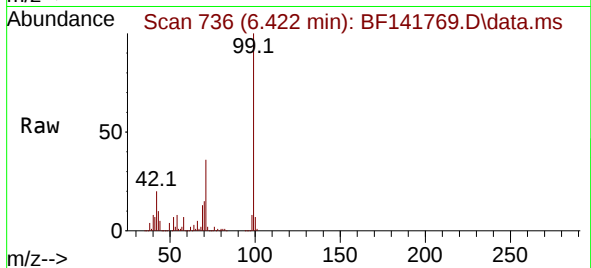
Tgt Ion: 99 Resp: 492798

Ion Ratio Lower Upper

99 100

42 20.4 19.1 28.7

71 35.6 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: BF141769.D

Acq: 25 Feb 2025 17:34

Tgt Ion: 136 Resp: 241105

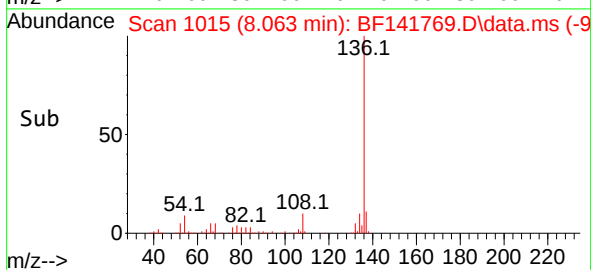
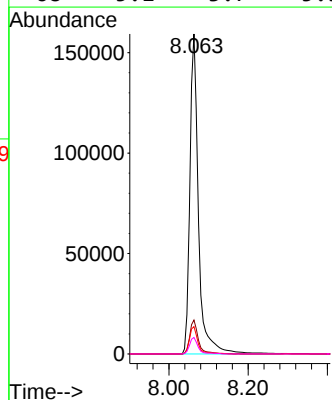
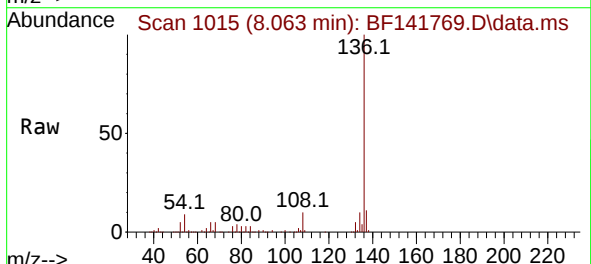
Ion Ratio Lower Upper

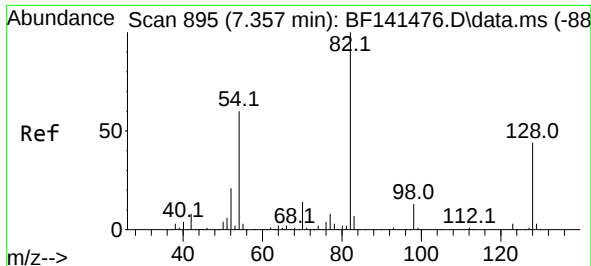
136 100

137 10.6 8.6 13.0

54 8.6 7.2 10.8

68 5.1 3.7 5.5

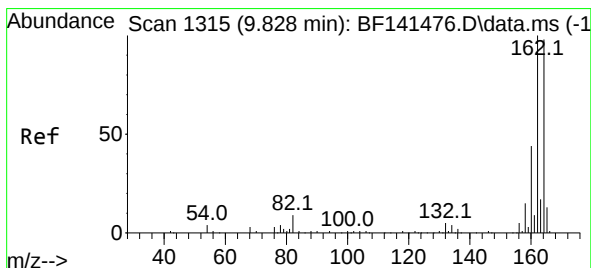
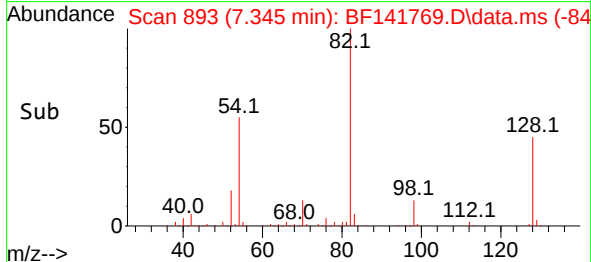
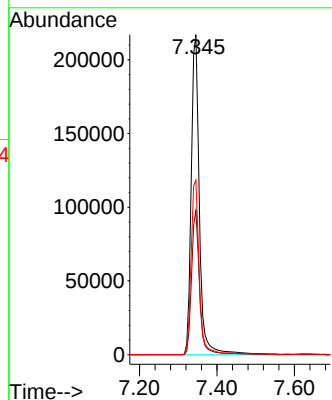
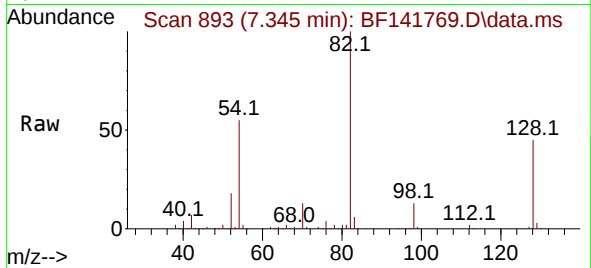




#23
 Nitrobenzene-d5
 Concen: 68.908 ng
 RT: 7.345 min Scan# 895
 Delta R.T. -0.017 min
 Lab File: BF141769.D
 Acq: 25 Feb 2025 17:34

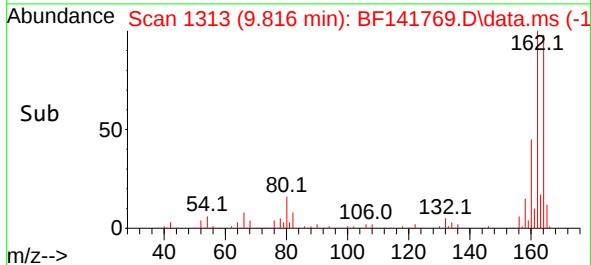
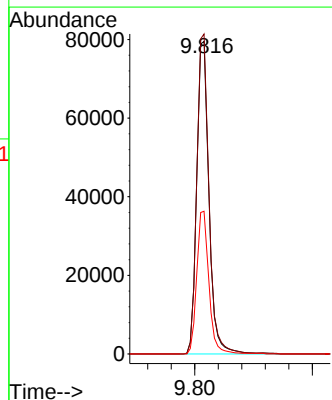
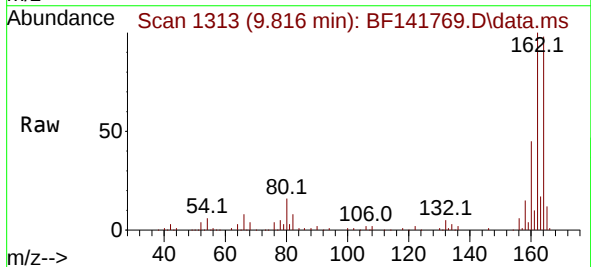
Instrument :
 BNA_F
 ClientSampleId :
 B-163-SB01

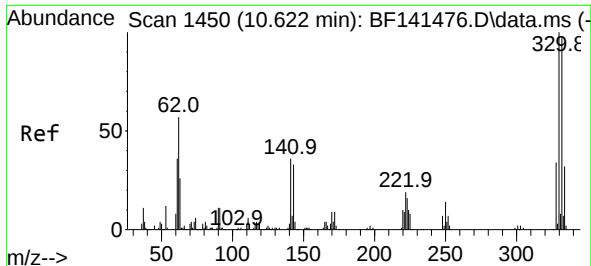
Tgt Ion: 82 Resp: 318531
 Ion Ratio Lower Upper
 82 100
 128 45.1 34.8 52.2
 54 54.5 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1313
 Delta R.T. -0.017 min
 Lab File: BF141769.D
 Acq: 25 Feb 2025 17:34

Tgt Ion:164 Resp: 115261
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.3 121.9
 160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 84.176 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141769.D

Acq: 25 Feb 2025 17:34

Instrument :

BNA_F

ClientSampleId :

B-163-SB01

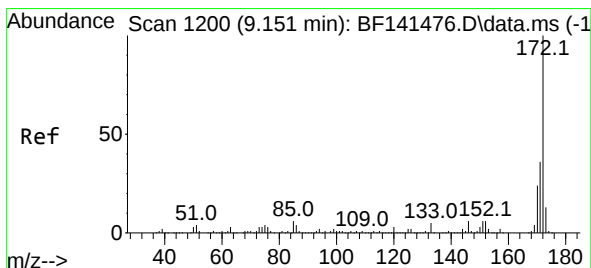
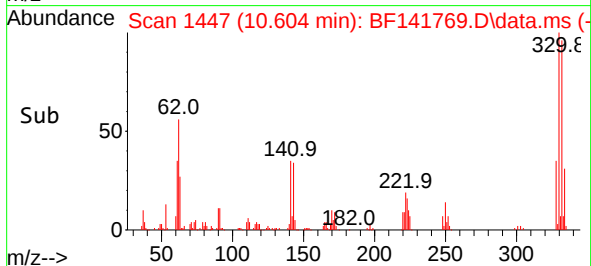
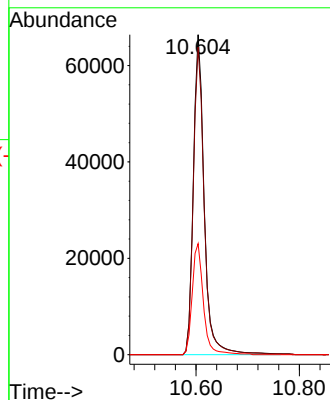
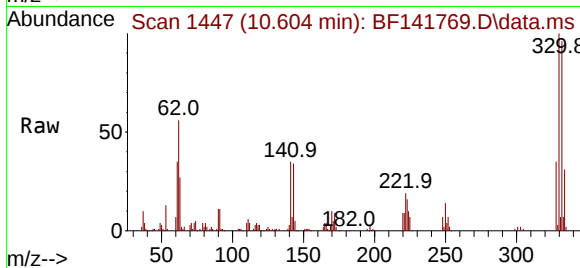
Tgt Ion:330 Resp: 97463

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 77.286 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141769.D

Acq: 25 Feb 2025 17:34

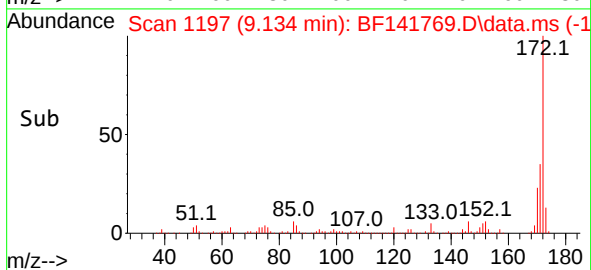
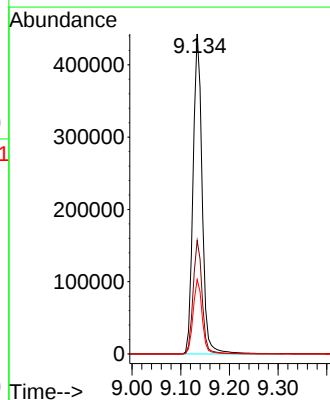
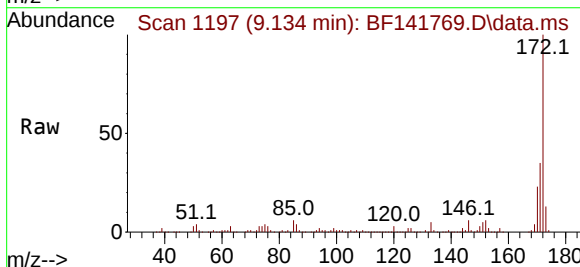
Tgt Ion:172 Resp: 578204

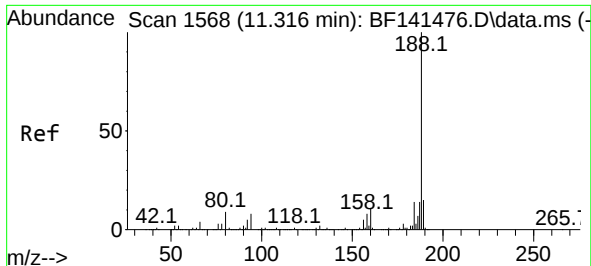
Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.3 18.9 28.3

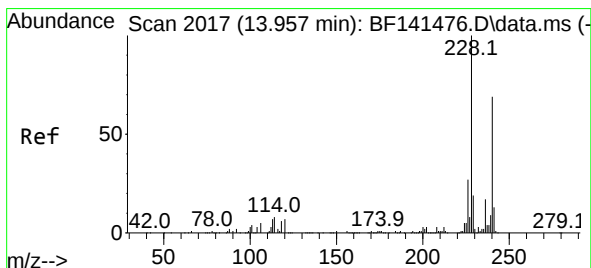
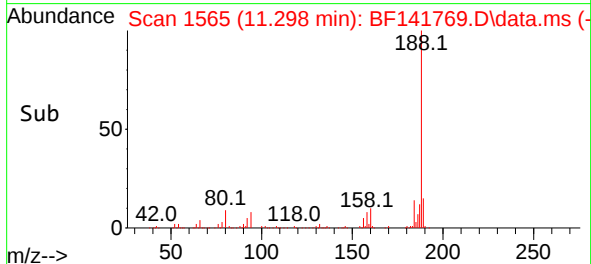
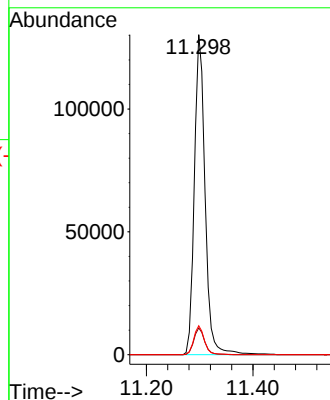
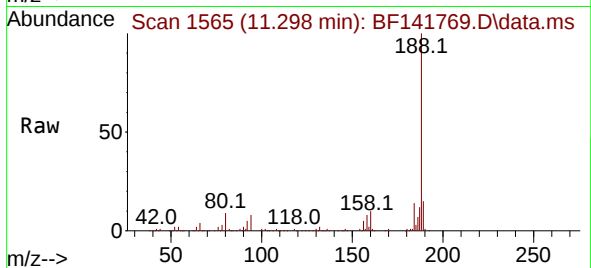




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141769.D
Acq: 25 Feb 2025 17:34

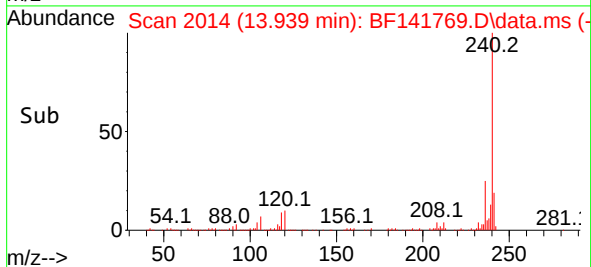
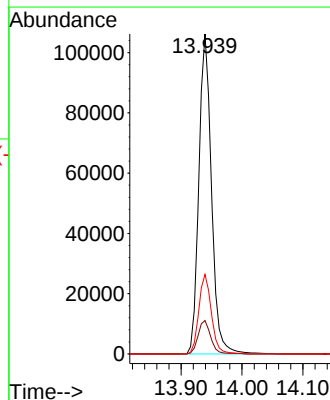
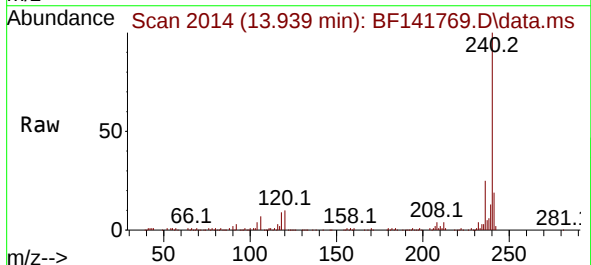
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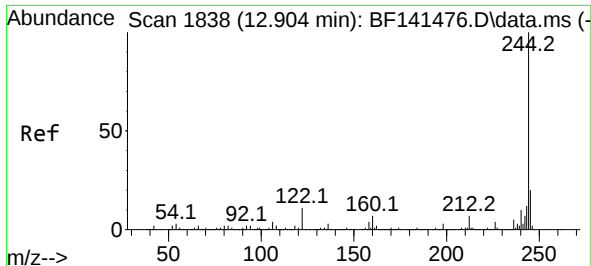
Tgt Ion:188 Resp: 181981
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141769.D
Acq: 25 Feb 2025 17:34

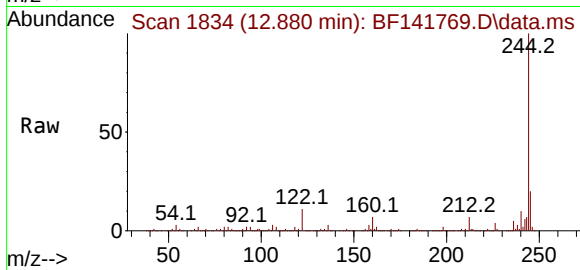
Tgt Ion:240 Resp: 152705
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 24.9 19.8 29.8



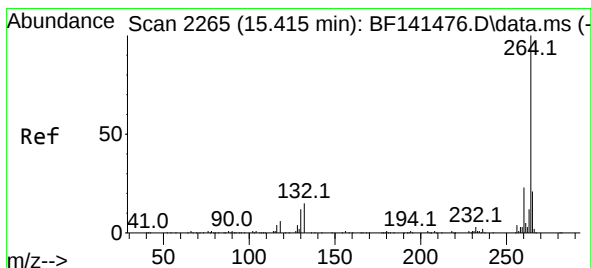
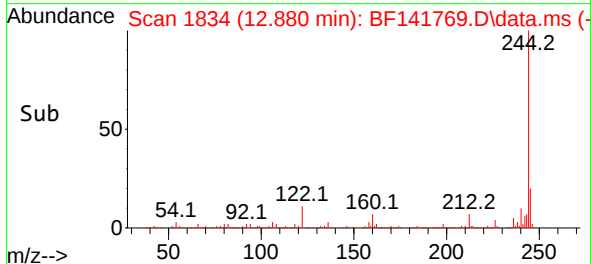
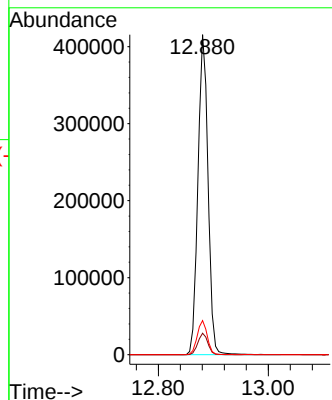


#79
 Terphenyl-d14
 Concen: 58.534 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141769.D
 Acq: 25 Feb 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 B-163-SB01



Tgt Ion:244 Resp: 529478
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.7 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: BF141769.D
 Acq: 25 Feb 2025 17:34

Tgt Ion:264 Resp: 176440
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.6 28.0
 265 19.9 17.0 25.4

