

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141756.D
 Acq On : 25 Feb 2025 11:04
 Operator : RC/JU
 Sample : PB166840BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BL

Quant Time: Feb 25 11:24:44 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	83105	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	337572	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	184319	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	314170	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	180438	20.000	ng	-0.02
86) Perylene-d12	15.386	264	156490	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	759746	143.323	ng	0.00
7) Phenol-d6	6.428	99	915316	136.616	ng	-0.01
23) Nitrobenzene-d5	7.345	82	610770	94.370	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	245088	132.368	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1177216	98.398	ng	-0.01
79) Terphenyl-d14	12.886	244	1223396	114.461	ng	-0.02

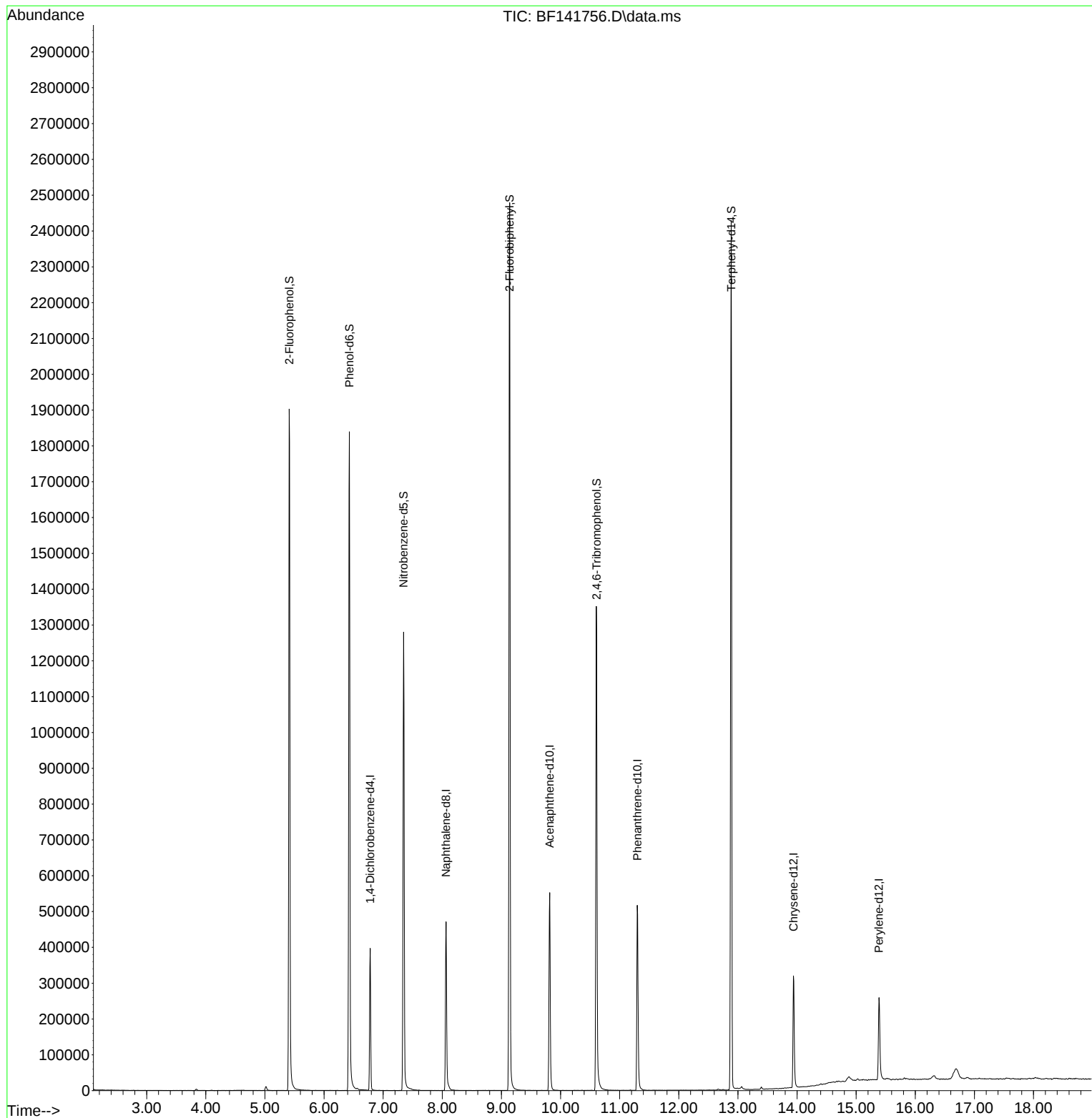
Target Compounds	Qvalue

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

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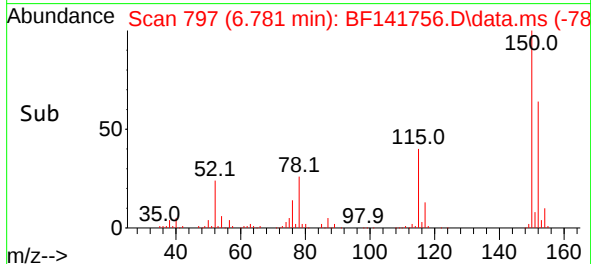
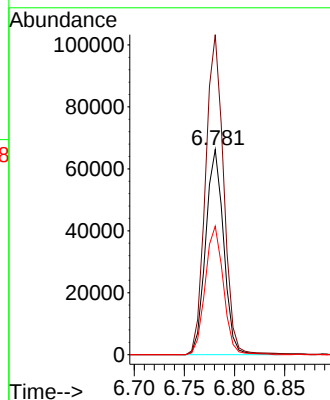
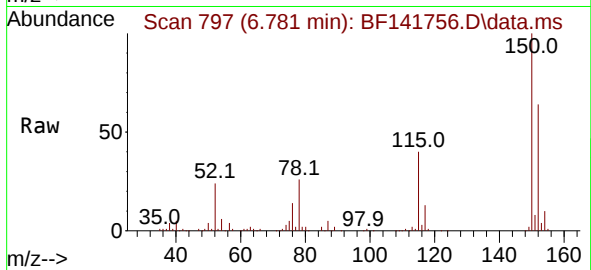




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

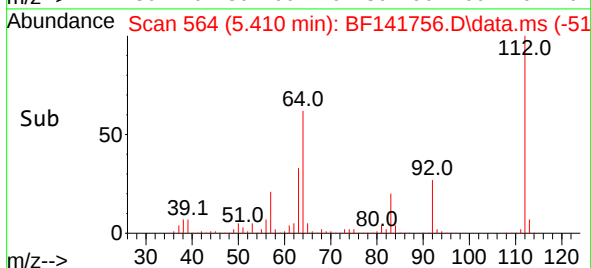
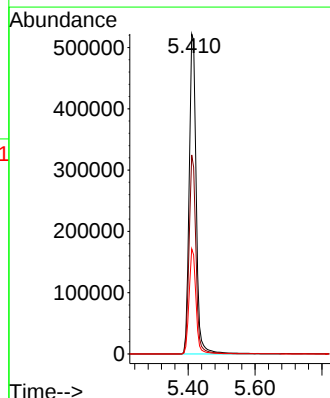
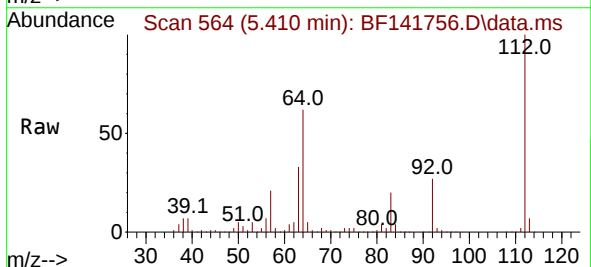
Instrument :
BNA_F
ClientSampleId :
PB166840BL

Tgt Ion:152 Resp: 83105
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 62.6 53.6 80.4



#5
2-Fluorophenol
Concen: 143.323 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

Tgt Ion:112 Resp: 759746
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 32.8 28.4 42.6





#7
Phenol-d6
Concen: 136.616 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

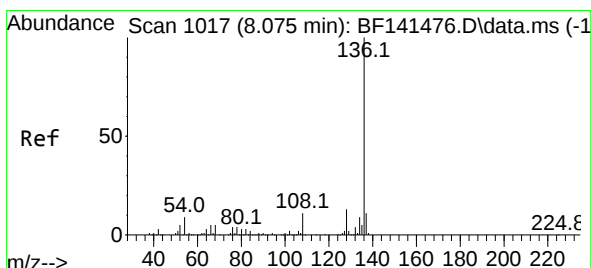
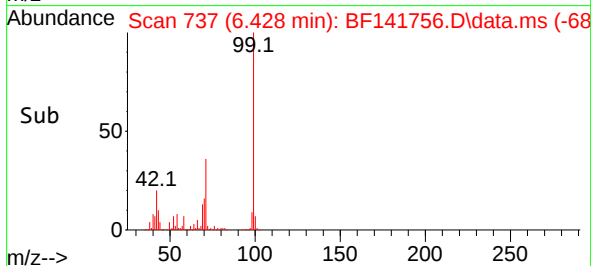
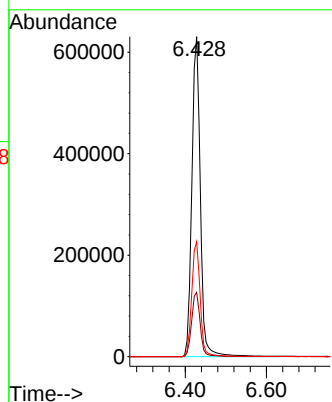
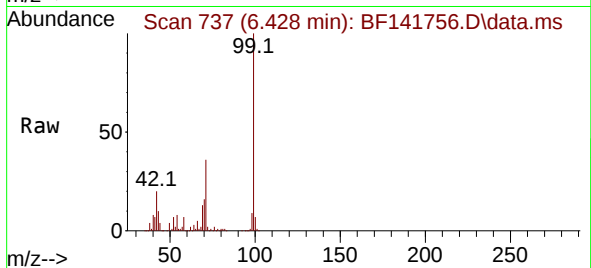
Instrument :

BNA_F

ClientSampleId :

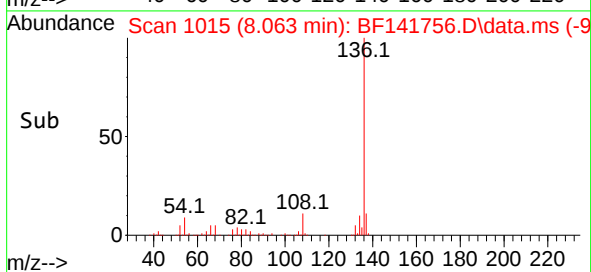
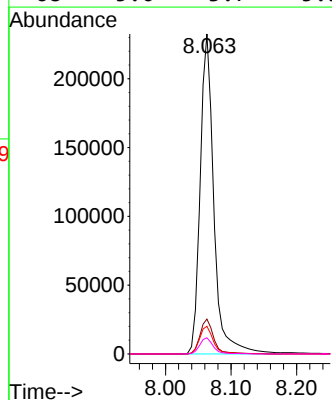
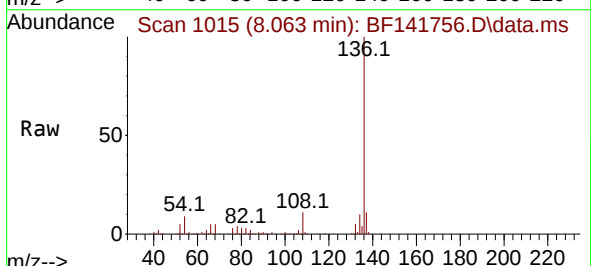
PB166840BL

Tgt Ion: 99 Resp: 915316
Ion Ratio Lower Upper
99 100
42 20.1 19.1 28.7
71 35.9 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: BF141756.D
Acq: 25 Feb 2025 11:04

Tgt Ion: 136 Resp: 337572
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 7.2 10.8
68 5.0 3.7 5.5

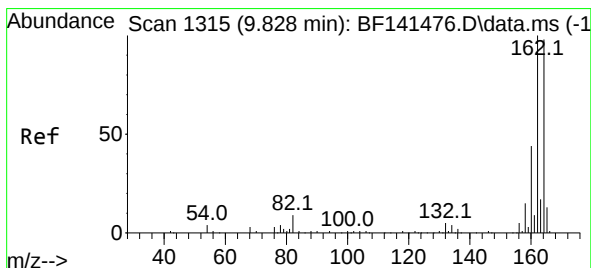
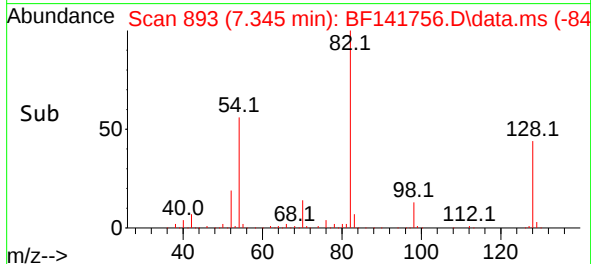
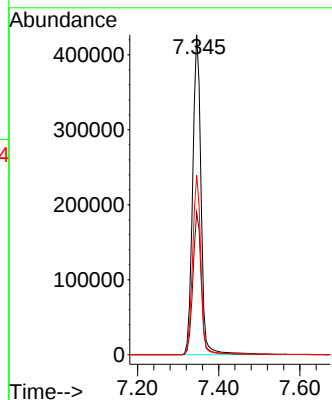
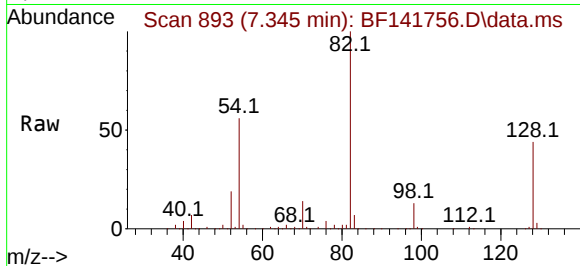




#23
 Nitrobenzene-d5
 Concen: 94.370 ng
 RT: 7.345 min Scan# 895
 Delta R.T. -0.017 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

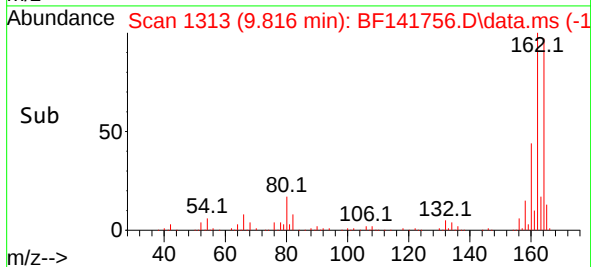
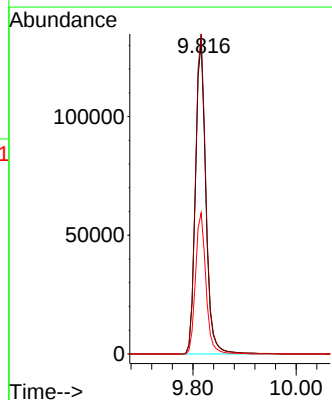
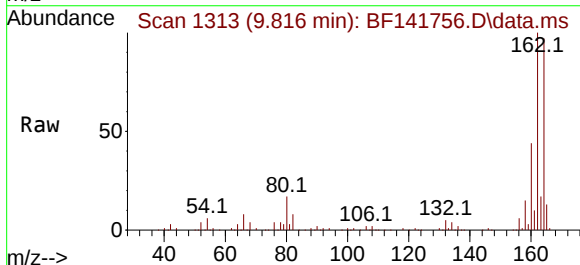
Instrument :
 BNA_F
 ClientSampleId :
 PB166840BL

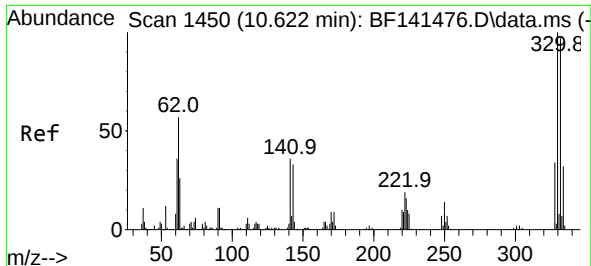
Tgt Ion: 82 Resp: 610770
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.8 52.2
 54 56.2 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1313
 Delta R.T. -0.017 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

Tgt Ion:164 Resp: 184319
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.3 121.9
 160 45.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 132.368 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.017 min

Lab File: BF141756.D

Acq: 25 Feb 2025 11:04

Instrument :

BNA_F

ClientSampleId :

PB166840BL

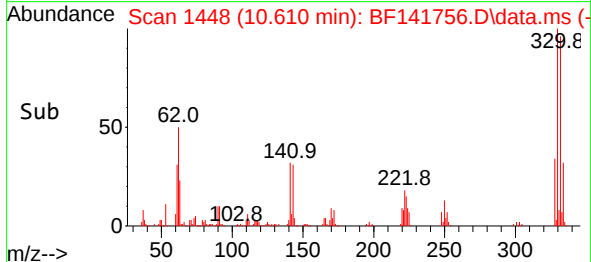
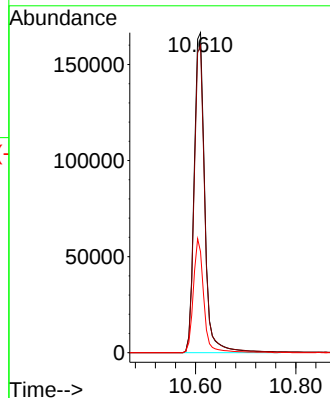
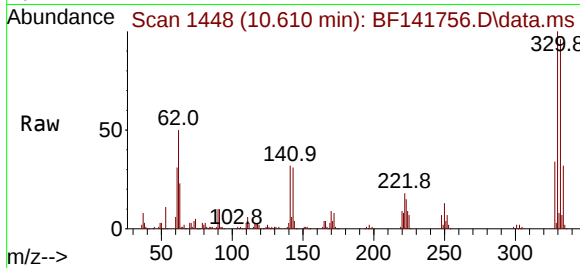
Tgt Ion:330 Resp: 245088

Ion Ratio Lower Upper

330 100

332 97.0 78.5 117.7

141 34.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 98.398 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141756.D

Acq: 25 Feb 2025 11:04

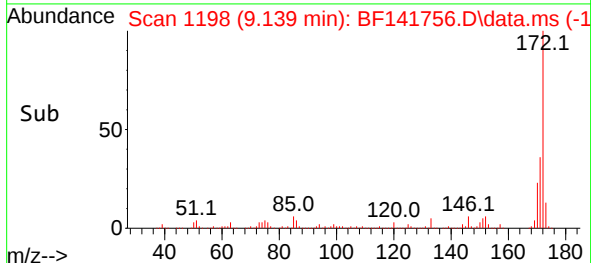
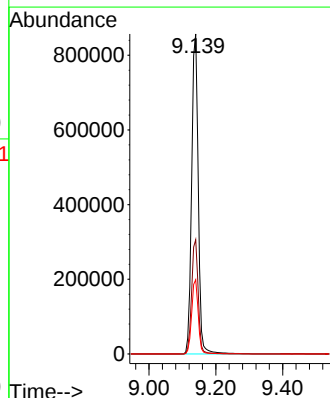
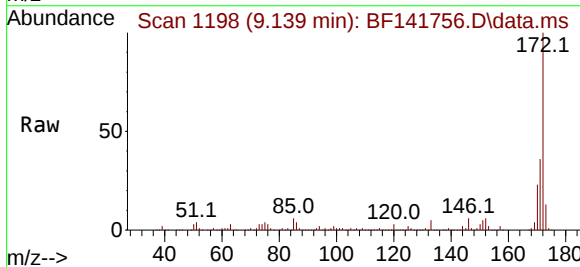
Tgt Ion:172 Resp: 1177216

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.2 18.9 28.3

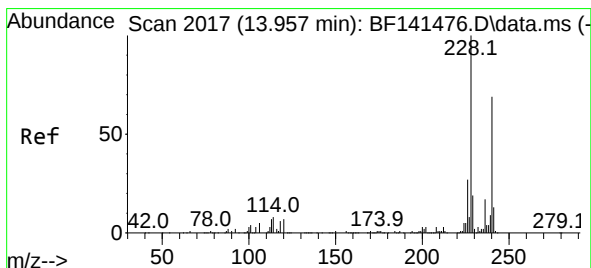
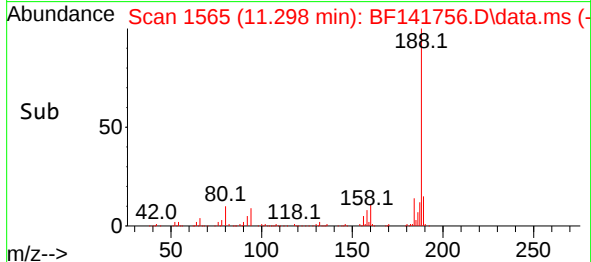
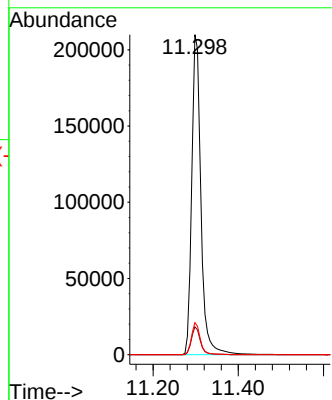
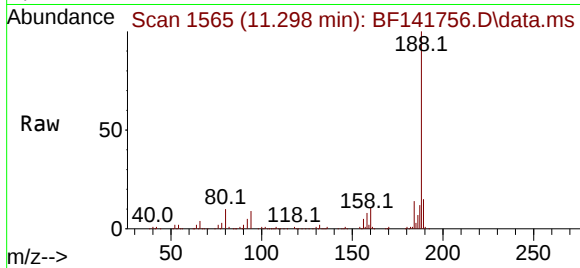




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

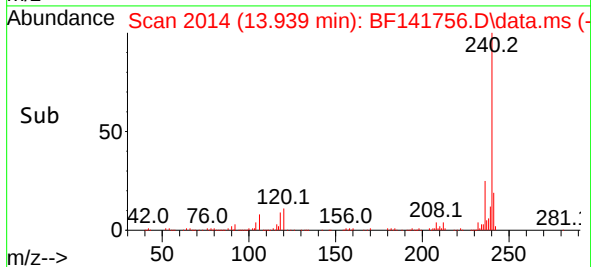
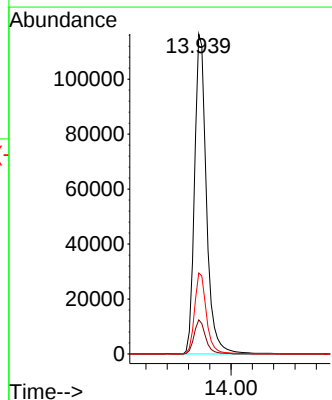
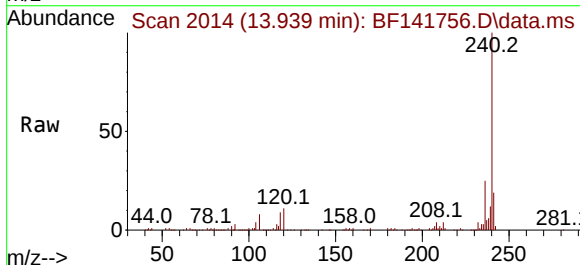
Instrument :
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Tgt Ion:188 Resp: 314170
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141756.D
Acq: 25 Feb 2025 11:04

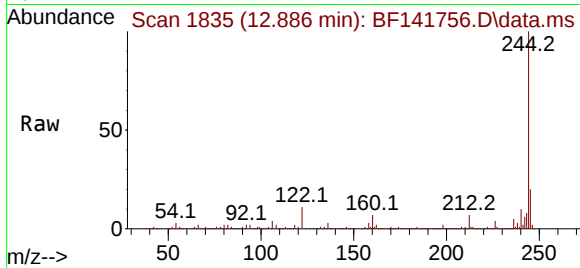
Tgt Ion:240 Resp: 180438
Ion Ratio Lower Upper
240 100
120 10.7 8.0 12.0
236 25.3 19.8 29.8



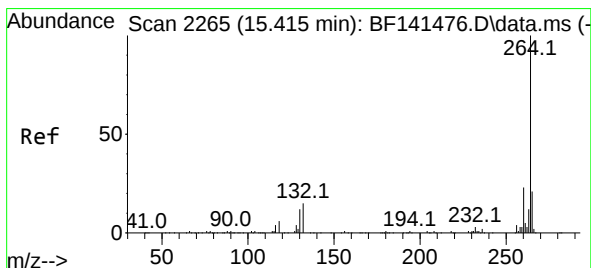
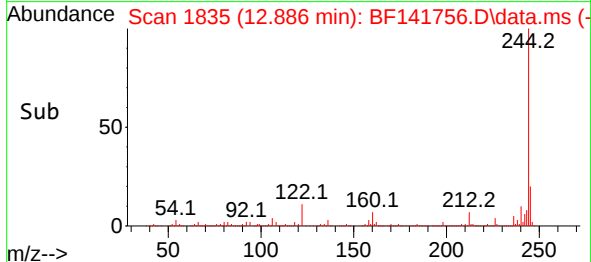
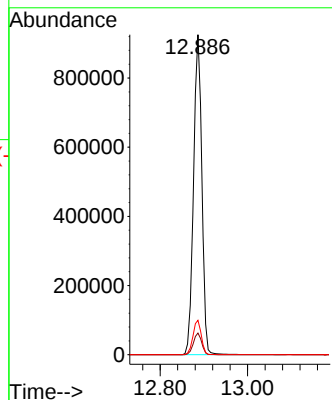


#79
 Terphenyl-d14
 Concen: 114.461 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB166840BL



Tgt Ion:244 Resp: 1223396
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141756.D
 Acq: 25 Feb 2025 11:04

Tgt Ion:264 Resp: 156490
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.6 17.0 25.4

