

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141698.D
 Acq On : 20 Feb 2025 12:33
 Operator : RC/JU
 Sample : PB166776BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166776BL

Quant Time: Feb 20 13:04:06 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	87229	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	339851	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	180981	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	295461	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	194169	20.000	ng	-0.02
86) Perylene-d12	15.380	264	170584	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	696403	125.163	ng	0.00
7) Phenol-d6	6.422	99	843104	119.888	ng	-0.02
23) Nitrobenzene-d5	7.345	82	545407	83.706	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	206145	113.389	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1033384	87.969	ng	-0.02
79) Terphenyl-d14	12.880	244	1058511	92.031	ng	-0.02

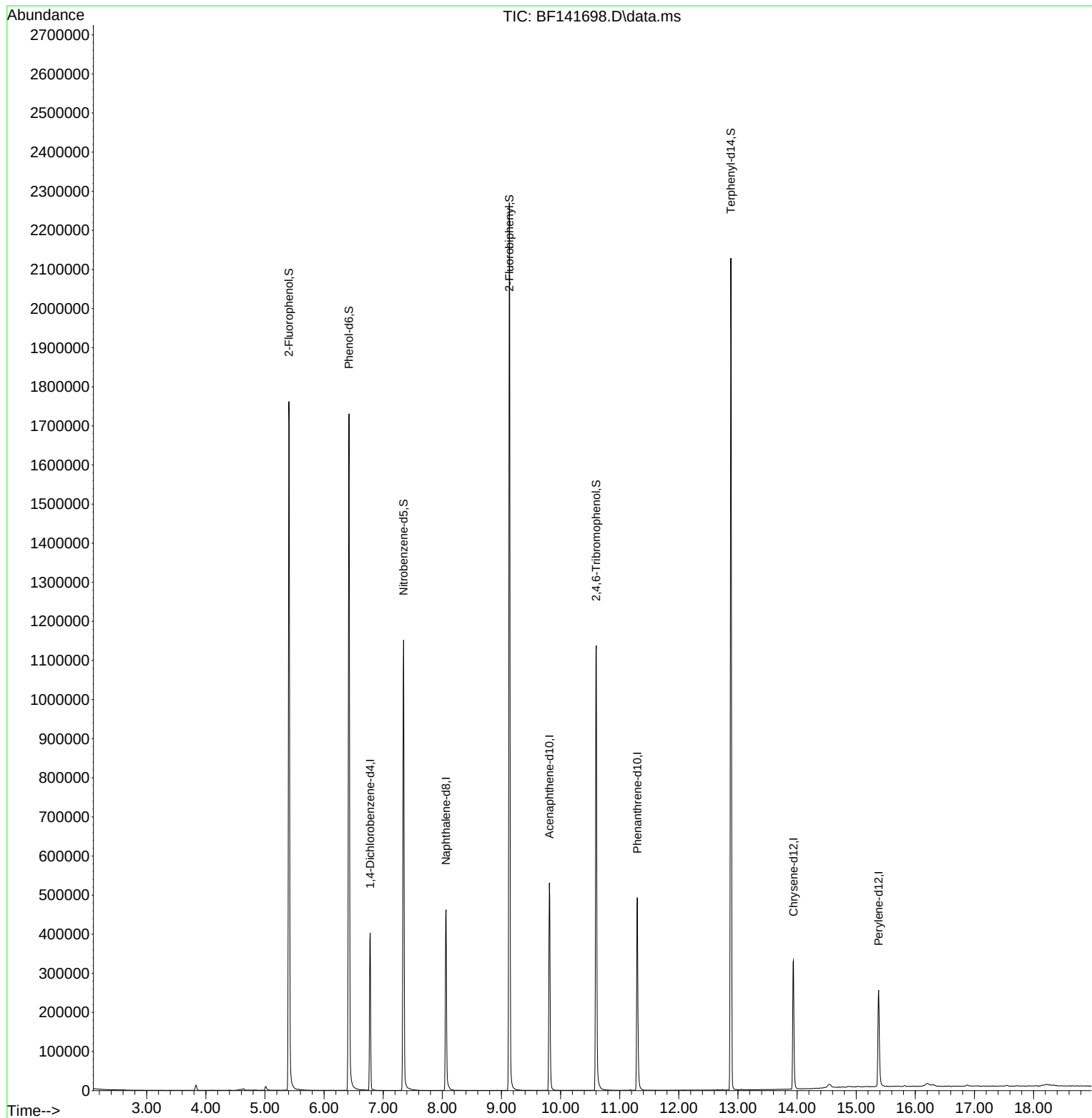
Target Compounds	Qvalue

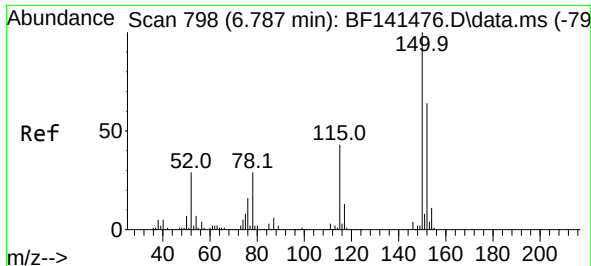
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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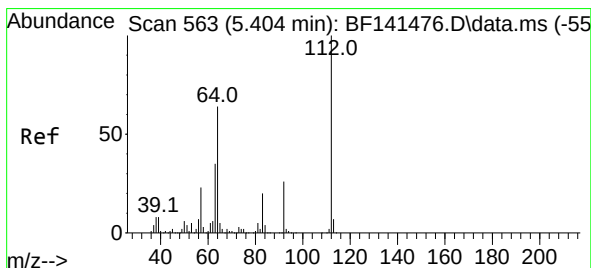
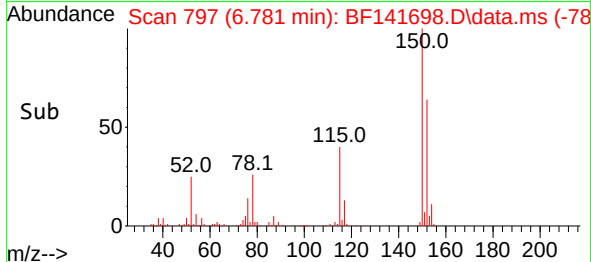
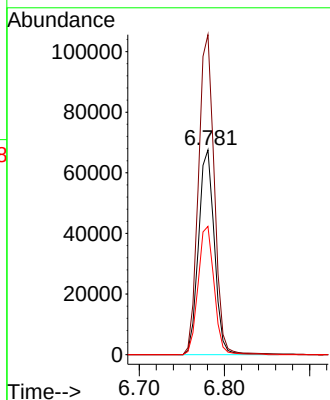
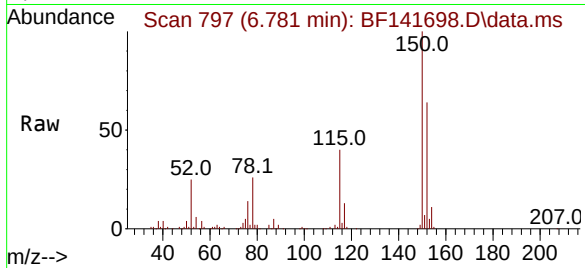




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141698.D
 Acq: 20 Feb 2025 12:33

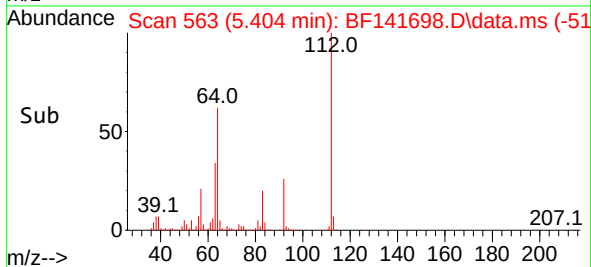
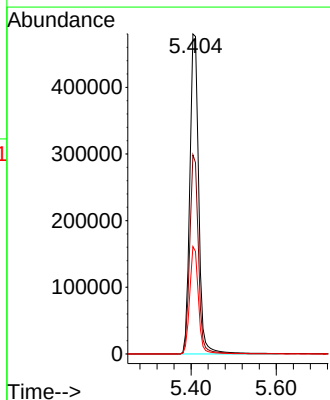
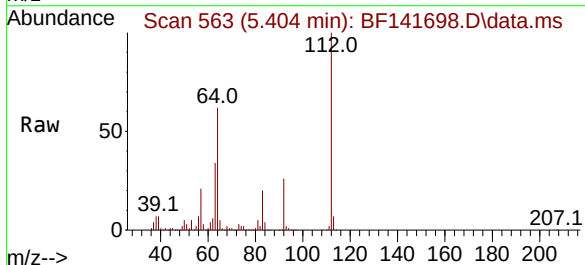
Instrument :
 BNA_F
 ClientSampleId :
 PB166776BL

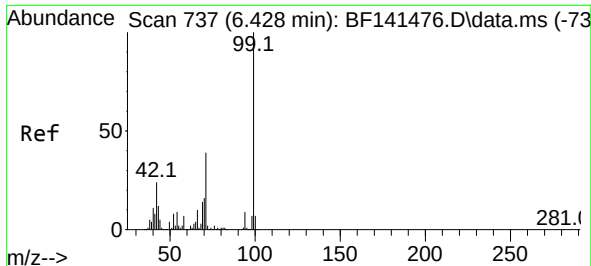
Tgt Ion:152 Resp: 87229
 Ion Ratio Lower Upper
 152 100
 150 156.3 125.0 187.4
 115 62.6 53.6 80.4



#5
 2-Fluorophenol
 Concen: 125.163 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141698.D
 Acq: 20 Feb 2025 12:33

Tgt Ion:112 Resp: 696403
 Ion Ratio Lower Upper
 112 100
 64 62.2 51.1 76.7
 63 33.6 28.4 42.6

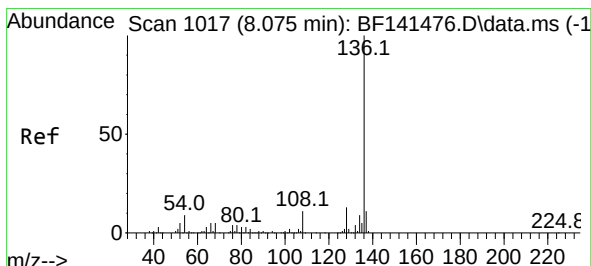
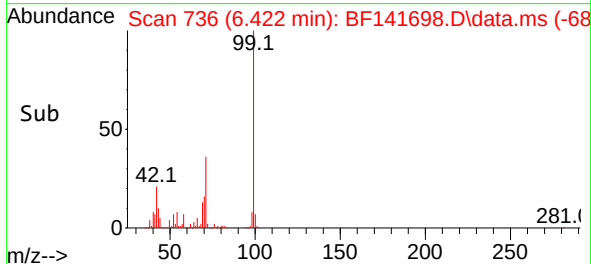
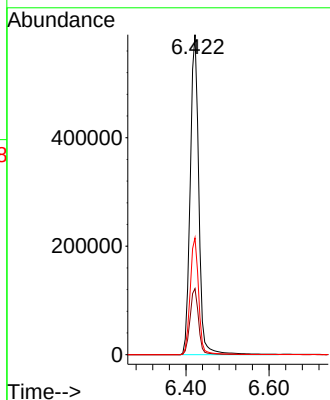
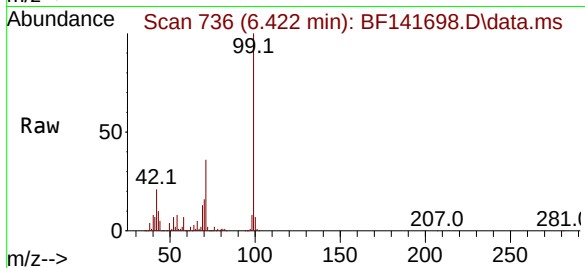




#7
Phenol-d6
Concen: 119.888 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141698.D
Acq: 20 Feb 2025 12:33

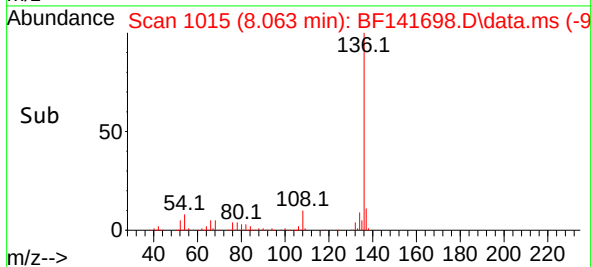
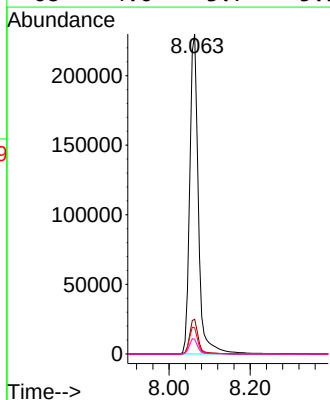
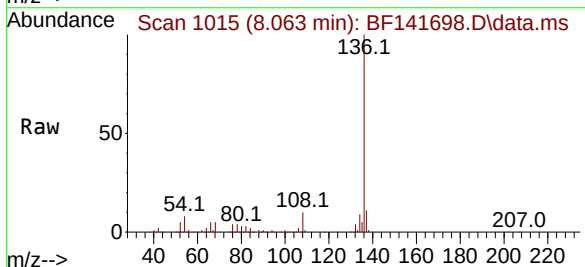
Instrument :
BNA_F
ClientSampleId :
PB166776BL

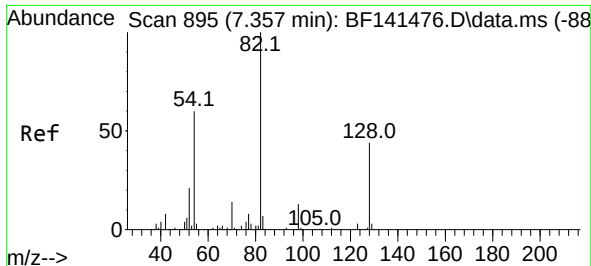
Tgt Ion: 99 Resp: 843104
Ion Ratio Lower Upper
99 100
42 20.6 19.1 28.7
71 36.5 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141698.D
Acq: 20 Feb 2025 12:33

Tgt Ion: 136 Resp: 339851
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 7.2 10.8
68 4.6 3.7 5.5

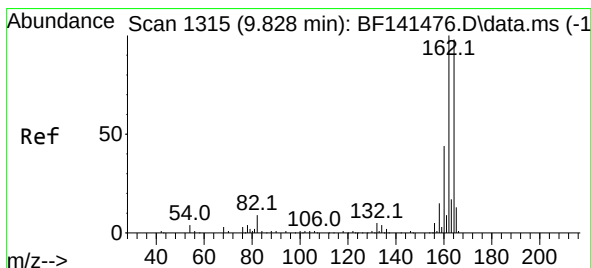
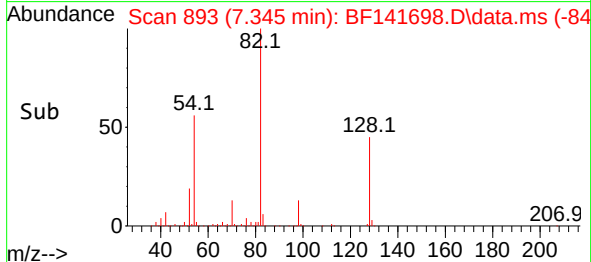
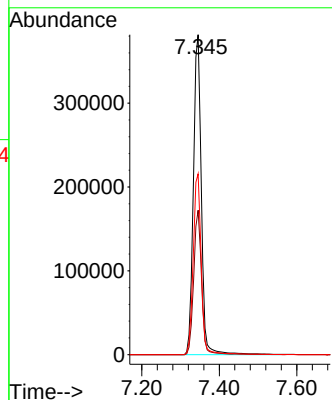
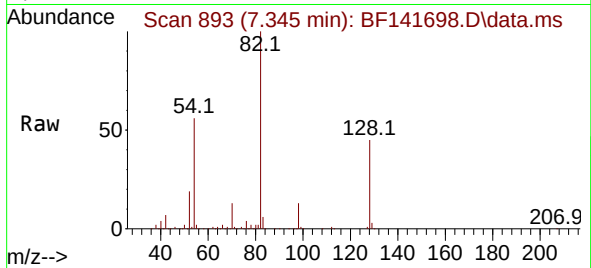




#23
Nitrobenzene-d5
Concen: 83.706 ng
RT: 7.345 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF141698.D
Acq: 20 Feb 2025 12:33

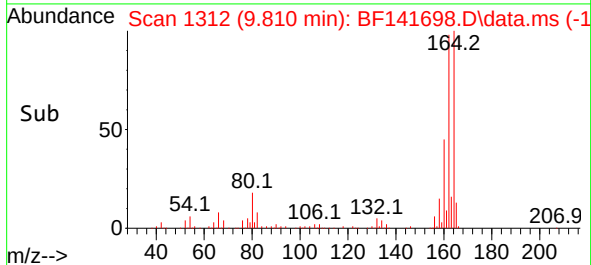
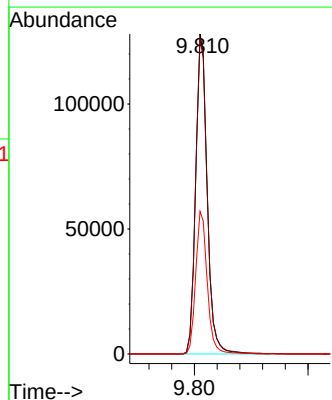
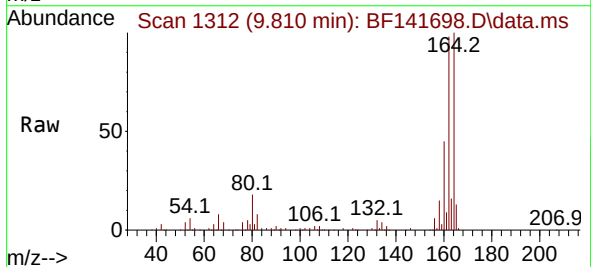
Instrument :
BNA_F
ClientSampleId :
PB166776BL

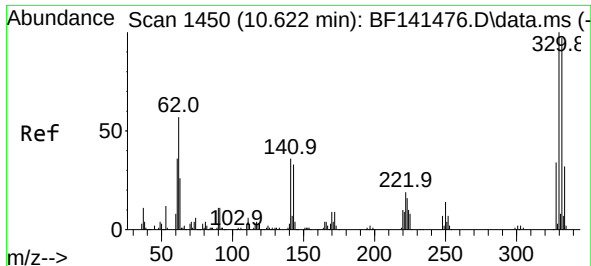
Tgt Ion: 82 Resp: 545407
Ion Ratio Lower Upper
82 100
128 45.1 34.8 52.2
54 56.5 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141698.D
Acq: 20 Feb 2025 12:33

Tgt Ion: 164 Resp: 180981
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 44.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 113.389 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141698.D

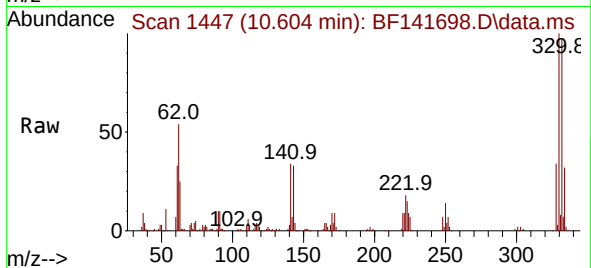
Acq: 20 Feb 2025 12:33

Instrument :

BNA_F

ClientSampleId :

PB166776BL



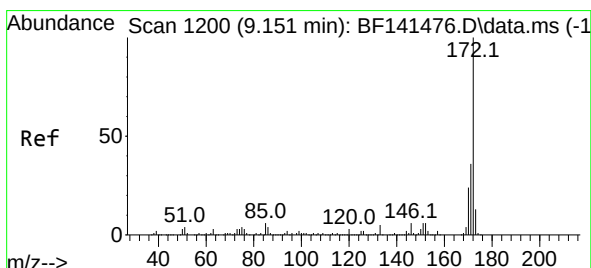
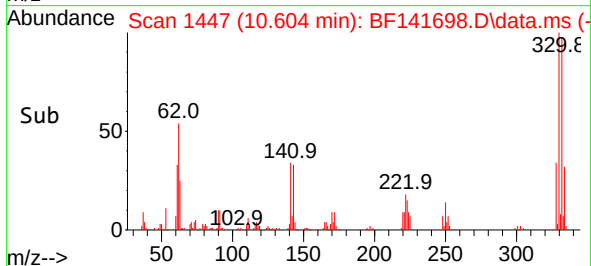
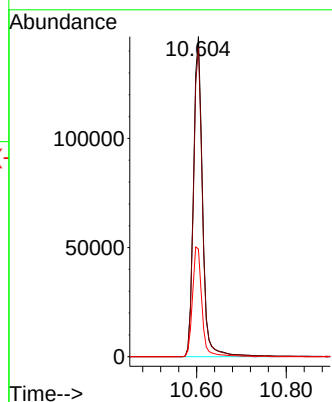
Tgt Ion:330 Resp: 206145

Ion Ratio Lower Upper

330 100

332 96.0 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 87.969 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141698.D

Acq: 20 Feb 2025 12:33

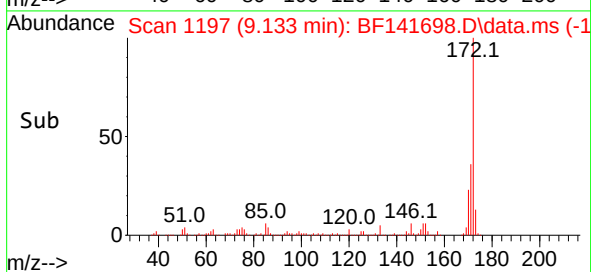
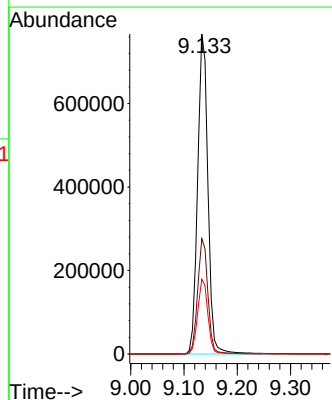
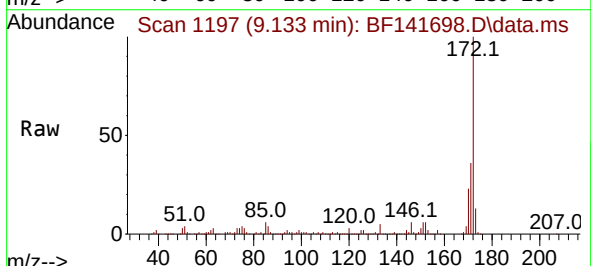
Tgt Ion:172 Resp: 1033384

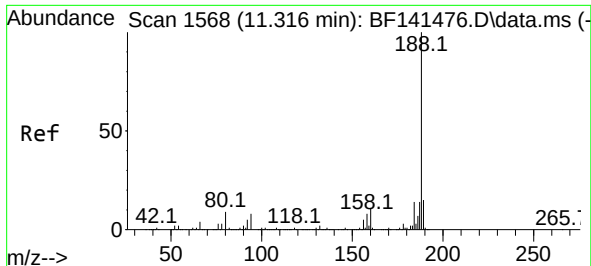
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.4 18.9 28.3

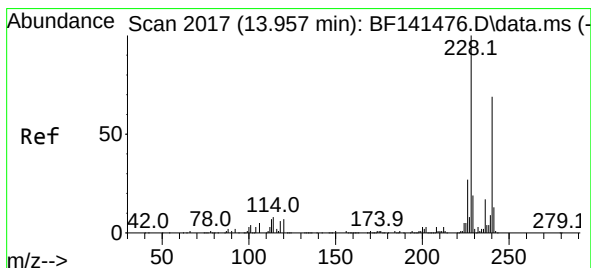
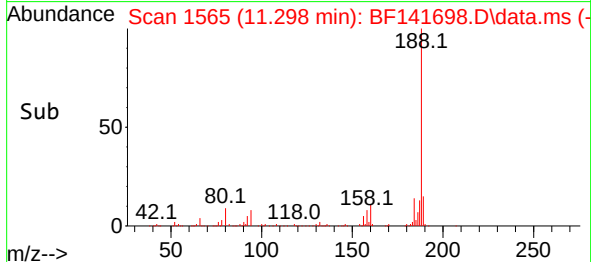
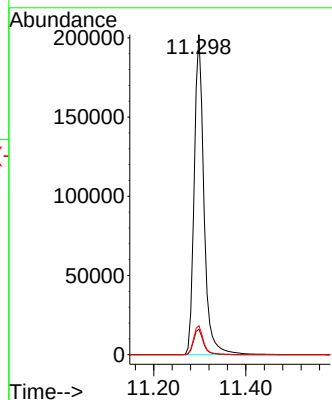
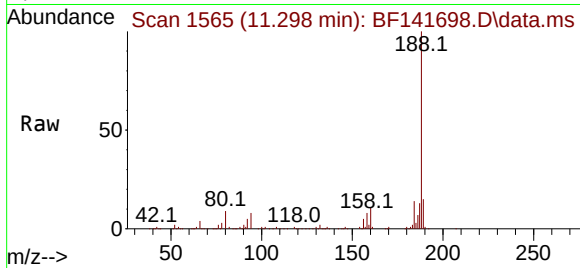




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141698.D
Acq: 20 Feb 2025 12:33

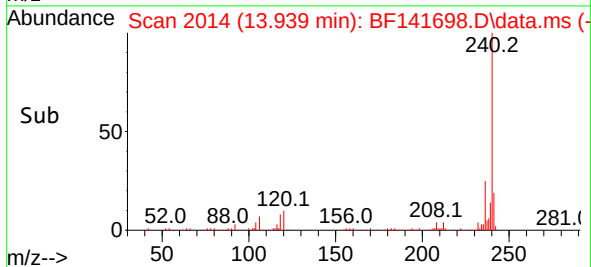
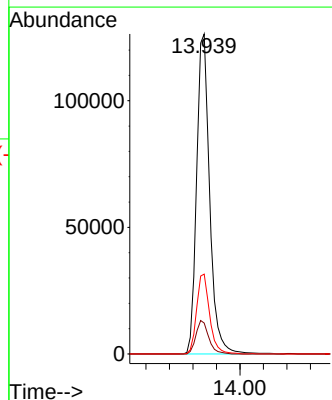
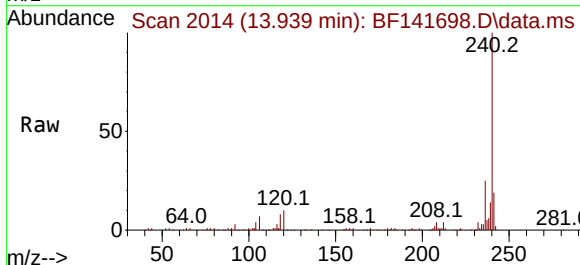
Instrument :
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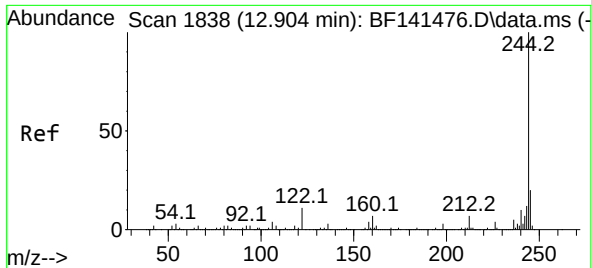
Tgt Ion:188 Resp: 295461
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141698.D
Acq: 20 Feb 2025 12:33

Tgt Ion:240 Resp: 194169
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.9 19.8 29.8

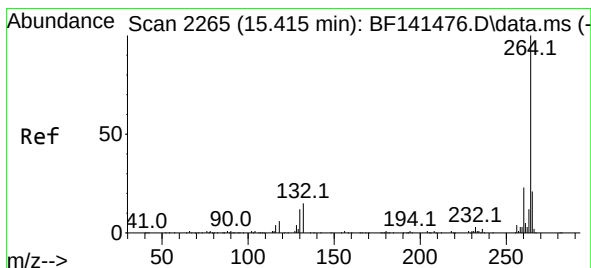
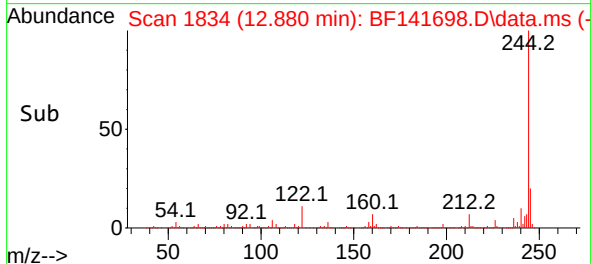
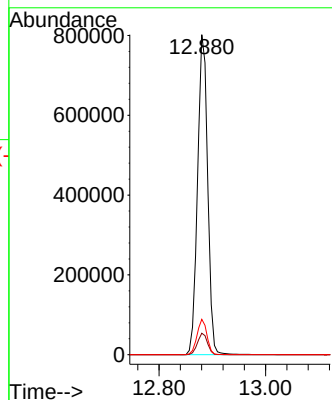
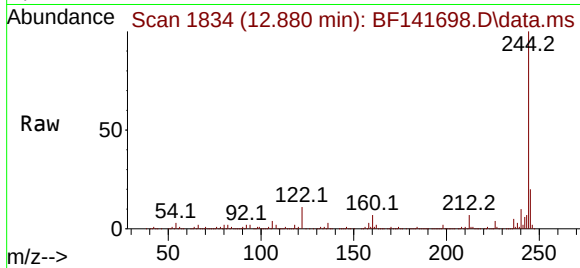




#79
 Terphenyl-d14
 Concen: 92.031 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141698.D
 Acq: 20 Feb 2025 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166776BL

Tgt Ion:244 Resp: 1058511
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 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: BF141698.D
 Acq: 20 Feb 2025 12:33

Tgt Ion:264 Resp: 170584
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 21.2 17.0 25.4

