

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141440.D
 Acq On : 05 Feb 2025 12:13
 Operator : RC/JU
 Sample : PB166418BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166418BL

Quant Time: Feb 05 12:36:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	76450	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	302478	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	163001	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	280778	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	198135	20.000	ng	#-0.02
86) Perylene-d12	15.433	264	160441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	666000	133.740	ng	0.00
7) Phenol-d6	6.428	99	816442	128.879	ng	-0.01
23) Nitrobenzene-d5	7.351	82	551203	96.065	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	220153	147.324	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1022355	96.539	ng	-0.01
79) Terphenyl-d14	12.904	244	1211621	94.307	ng	-0.01

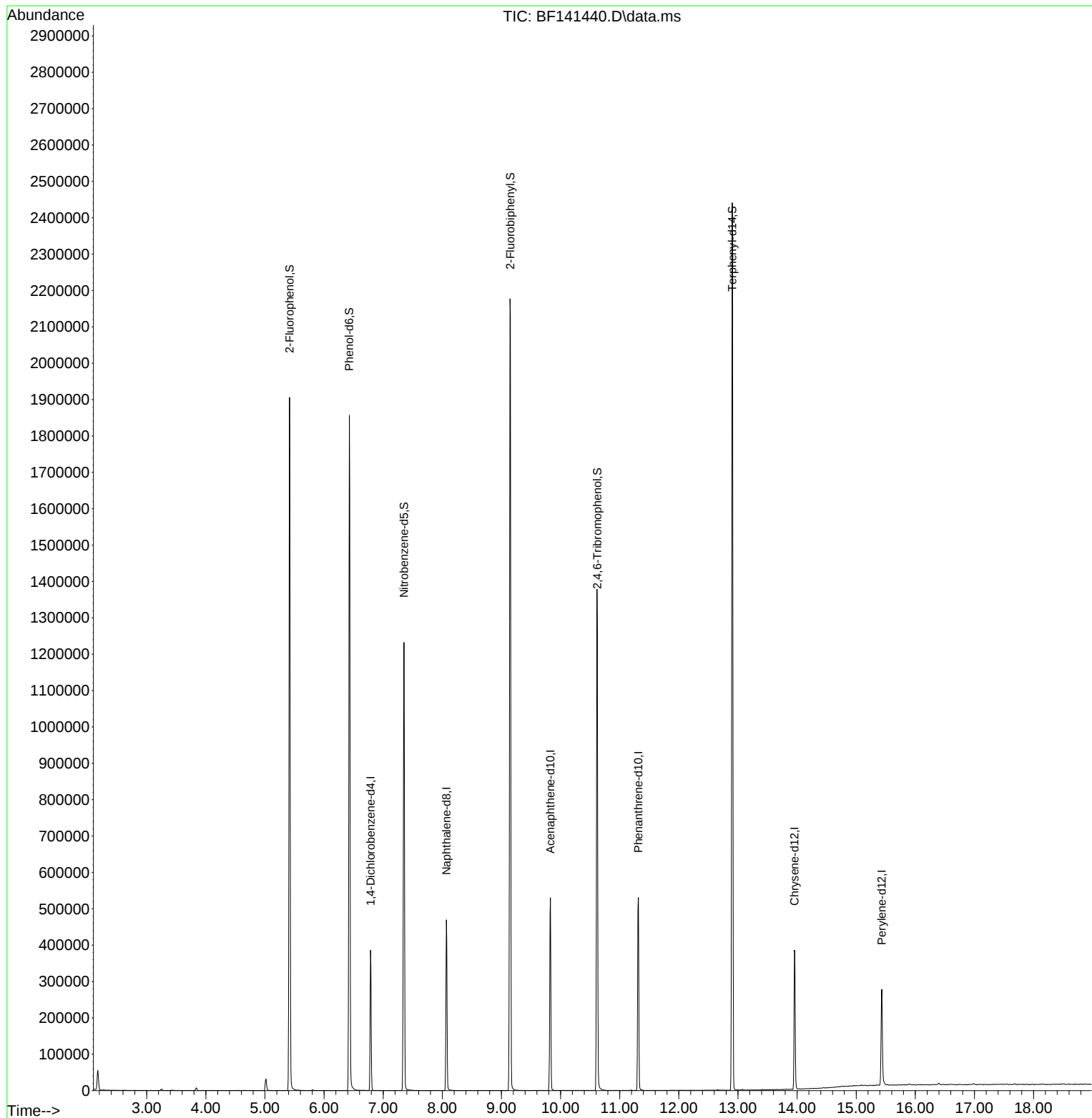
Target Compounds	Qvalue

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

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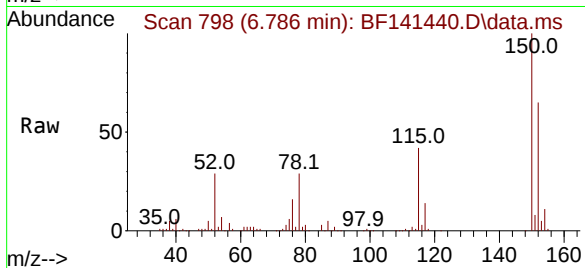
Quant Time: Feb 05 12:36:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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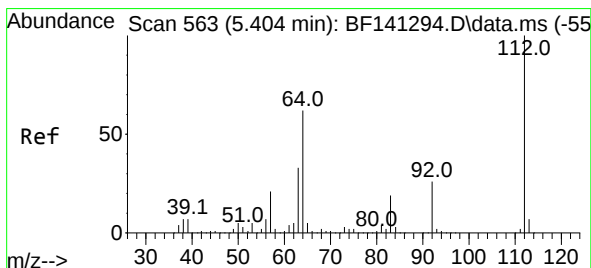
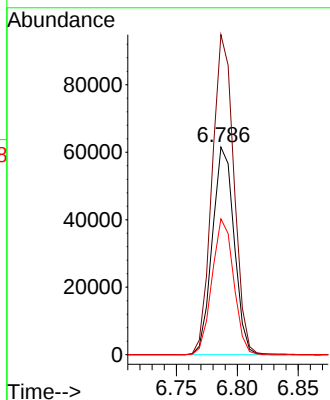
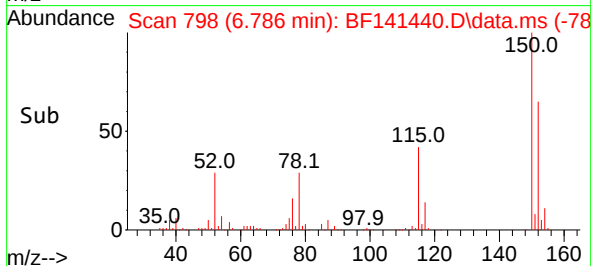


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141440.D
 Acq: 05 Feb 2025 12:13

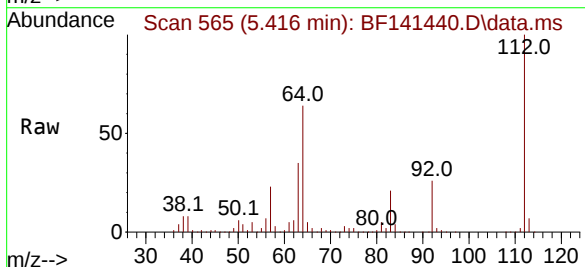
Instrument :
 BNA_F
 ClientSampleId :
 PB166418BL



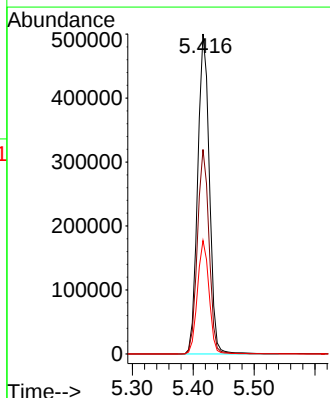
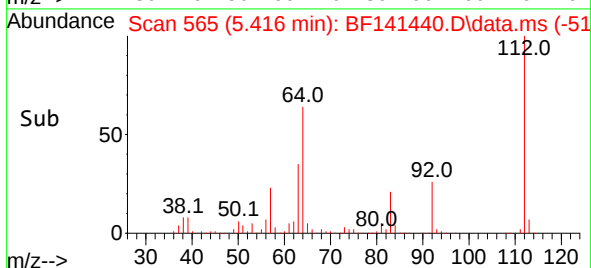
Tgt Ion:152 Resp: 76450
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.9 188.9
 115 65.5 49.7 74.5

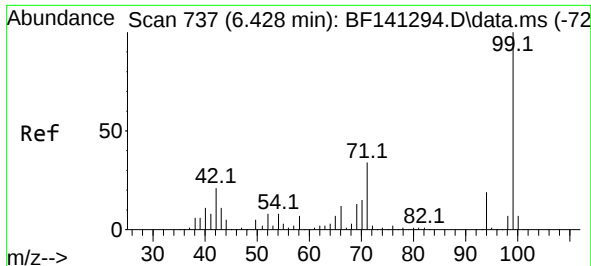


#5
 2-Fluorophenol
 Concen: 133.740 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141440.D
 Acq: 05 Feb 2025 12:13



Tgt Ion:112 Resp: 666000
 Ion Ratio Lower Upper
 112 100
 64 63.9 49.8 74.8
 63 35.5 26.1 39.1

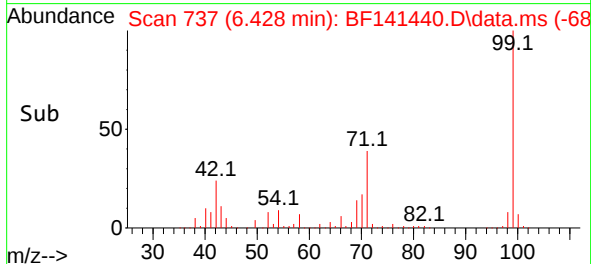
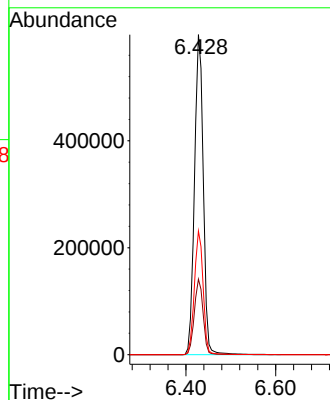
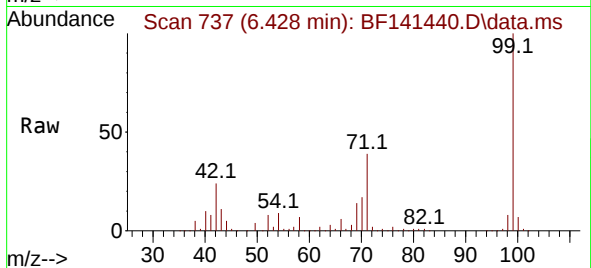




#7
Phenol-d6
Concen: 128.879 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

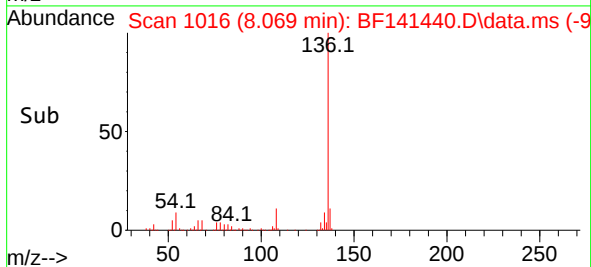
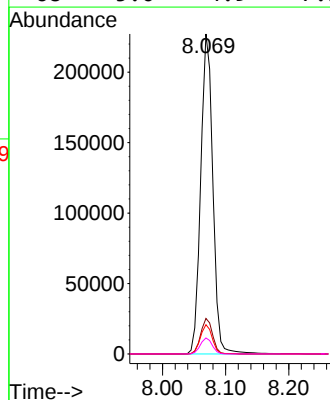
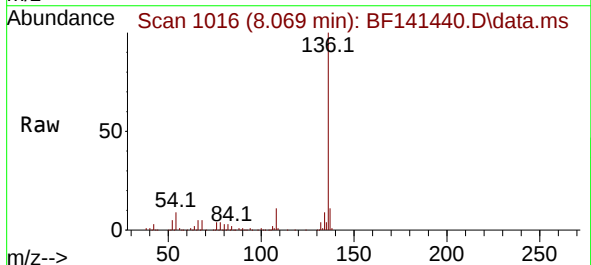
Instrument :
BNA_F
ClientSampleId :
PB166418BL

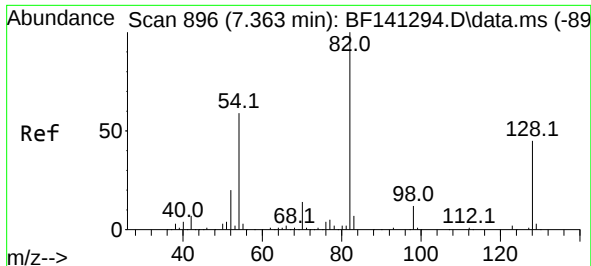
Tgt Ion: 99 Resp: 816442
Ion Ratio Lower Upper
99 100
42 23.6 17.1 25.7
71 38.7 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Tgt Ion: 136 Resp: 302478
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.2 7.8 11.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 96.065 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141440.D

Acq: 05 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166418BL

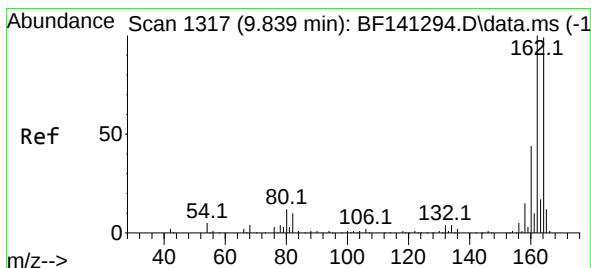
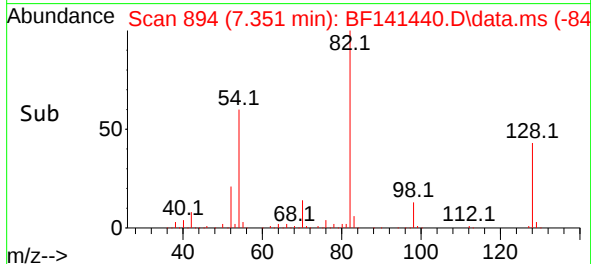
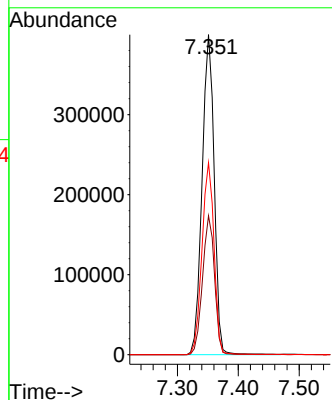
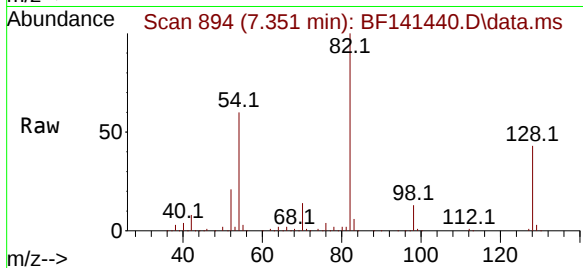
Tgt Ion: 82 Resp: 551203

Ion Ratio Lower Upper

82 100

128 43.4 35.7 53.5

54 60.0 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141440.D

Acq: 05 Feb 2025 12:13

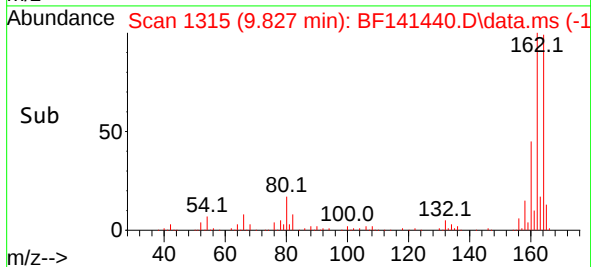
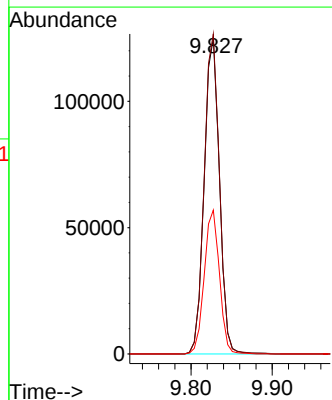
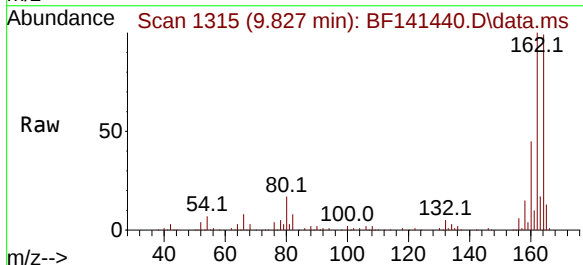
Tgt Ion:164 Resp: 163001

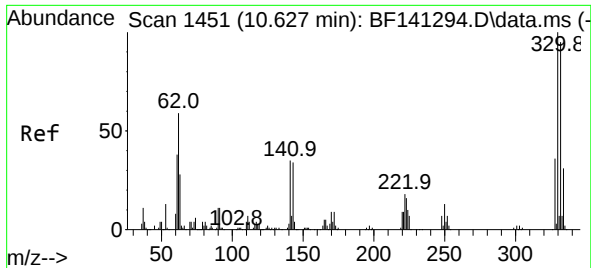
Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 147.324 ng

RT: 10.621 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF141440.D

Acq: 05 Feb 2025 12:13

Instrument :

BNA_F

ClientSampleId :

PB166418BL

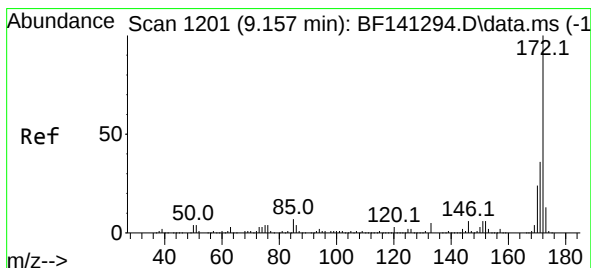
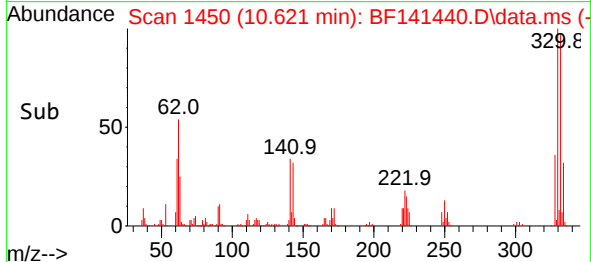
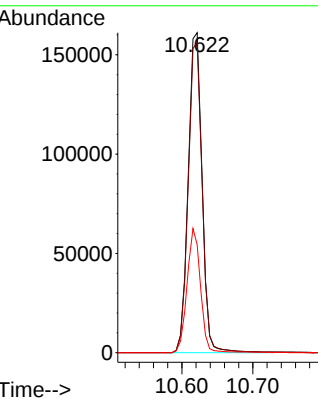
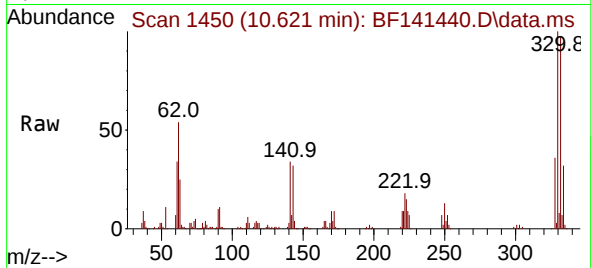
Tgt Ion:330 Resp: 220153

Ion Ratio Lower Upper

330 100

332 97.3 76.1 114.1

141 37.6 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 96.539 ng

RT: 9.151 min Scan# 1200

Delta R.T. -0.012 min

Lab File: BF141440.D

Acq: 05 Feb 2025 12:13

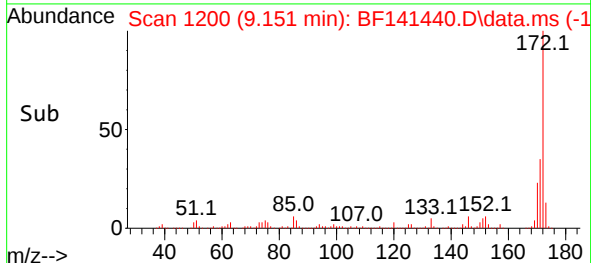
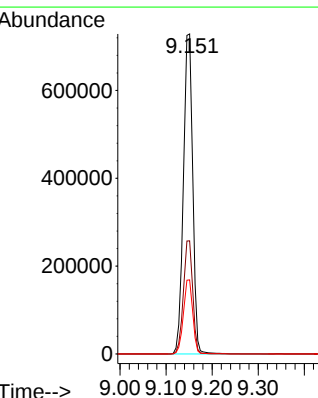
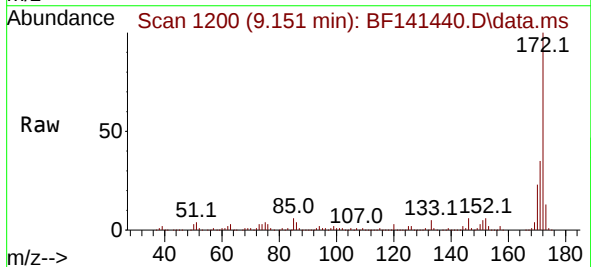
Tgt Ion:172 Resp: 1022355

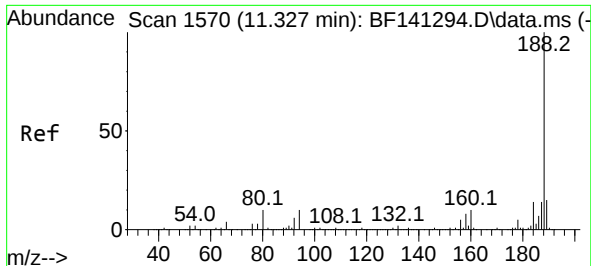
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.1 19.0 28.6

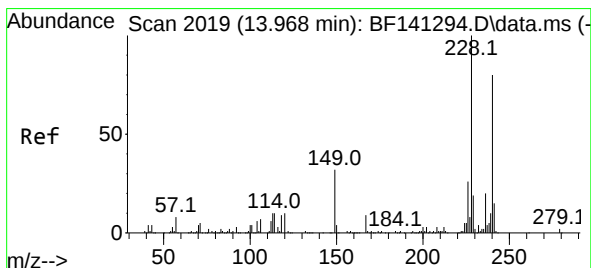
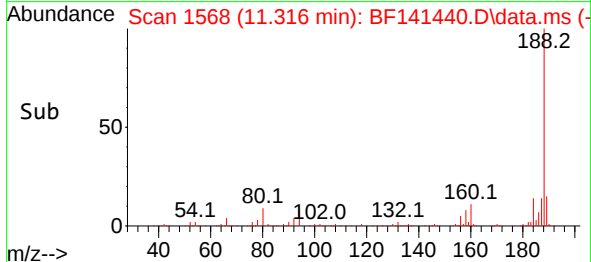
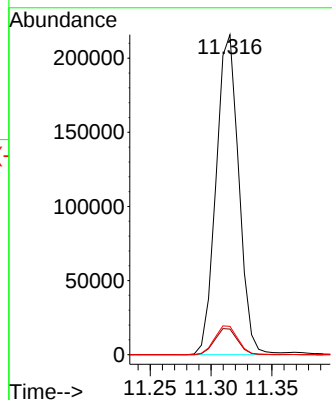
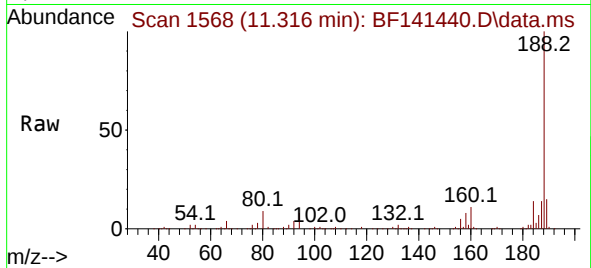




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

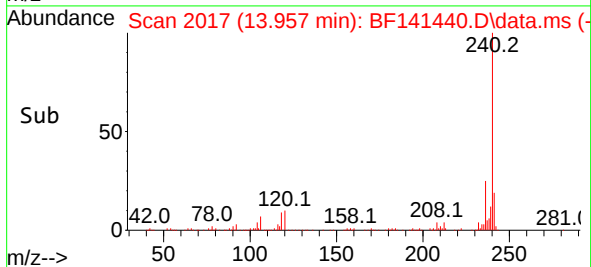
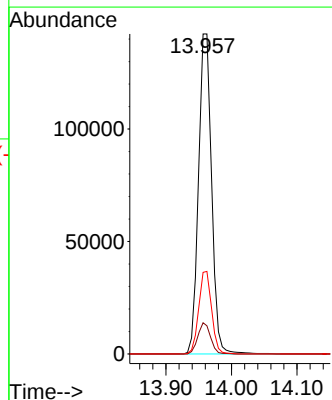
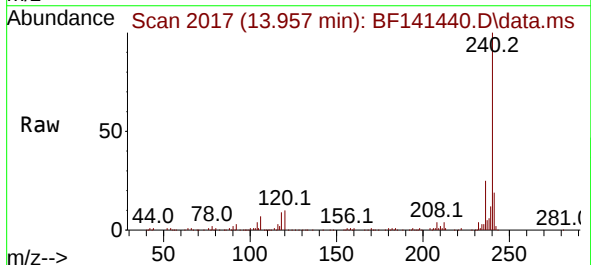
Instrument :
BNA_F
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PB166418BL

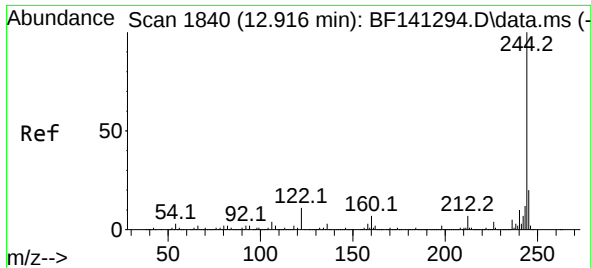
Tgt Ion:188 Resp: 280778
Ion Ratio Lower Upper
188 100
94 8.0 7.8 11.6
80 8.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

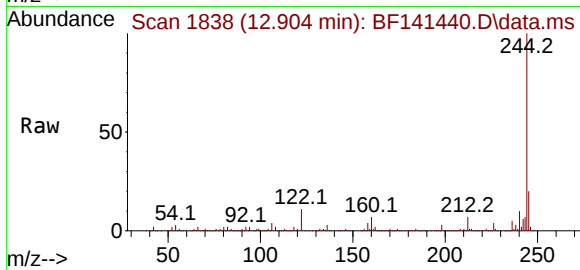
Tgt Ion:240 Resp: 198135
Ion Ratio Lower Upper
240 100
120 9.8 10.0 15.0#
236 25.5 19.7 29.5



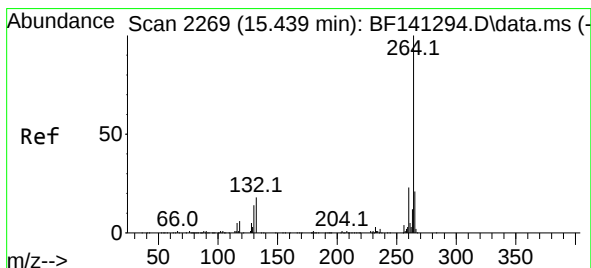
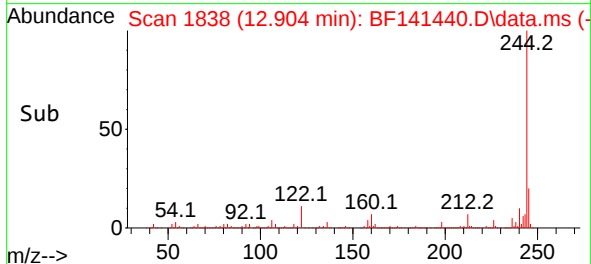
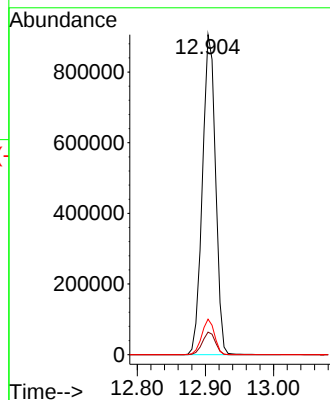


#79
Terphenyl-d14
Concen: 94.307 ng
RT: 12.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Instrument :
BNA_F
ClientSampleId :
PB166418BL



Tgt Ion:244 Resp: 1211621
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.1 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF141440.D
Acq: 05 Feb 2025 12:13

Tgt Ion:264 Resp: 160441
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.2 16.7 25.1

