

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141408.D
 Acq On : 04 Feb 2025 15:06
 Operator : RC/JU
 Sample : PB166294BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166294BL

Quant Time: Feb 04 16:08:27 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	6.787	152	79060	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	317518	20.000	ng	-0.02
39) Acenaphthene-d10	9.828	164	174923	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	303054	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	230654	20.000	ng	#-0.02
86) Perylene-d12	15.410	264	181526	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	678321	131.718	ng	0.00
7) Phenol-d6	6.428	99	827808	126.359	ng	-0.01
23) Nitrobenzene-d5	7.351	82	552962	91.807	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	228163	142.278	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1055957	92.916	ng	-0.02
79) Terphenyl-d14	12.904	244	1280663	85.627	ng	-0.01

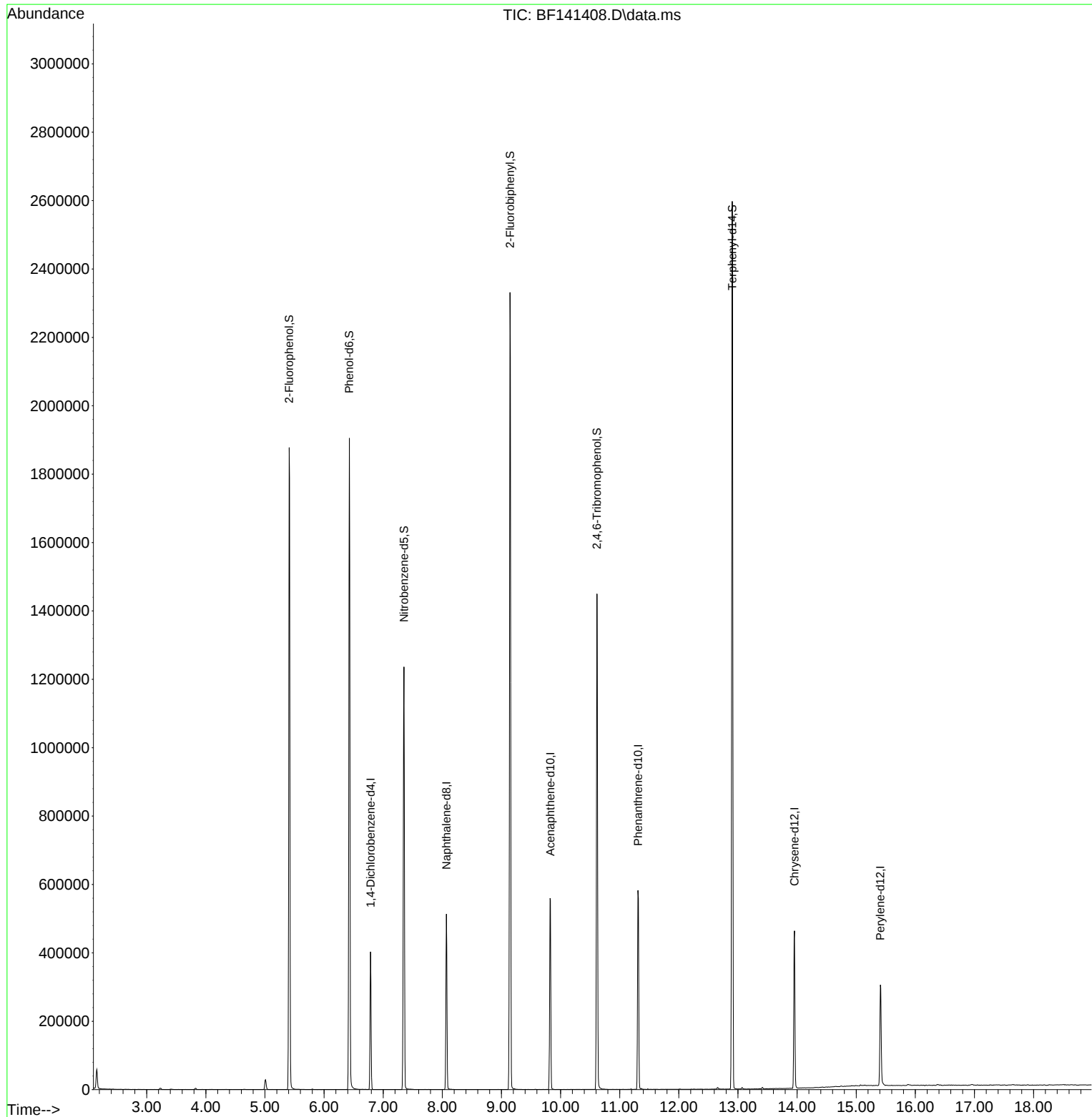
Target Compounds	Qvalue

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

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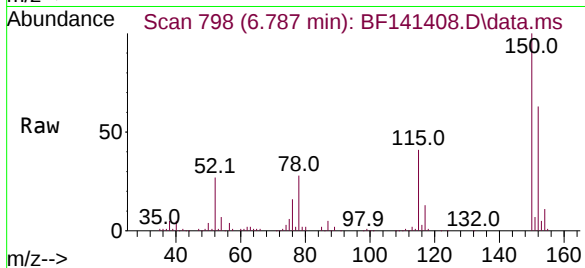
Quant Time: Feb 04 16:08:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
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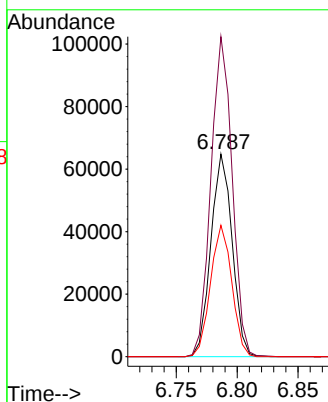
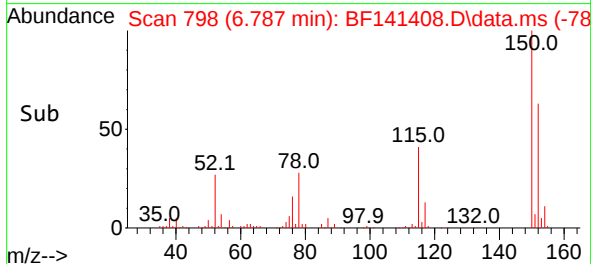


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.017 min
Lab File: BF141408.D
Acq: 04 Feb 2025 15:06

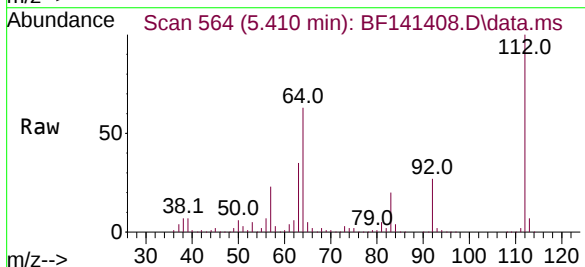
Instrument :
BNA_F
ClientSampleId :
PB166294BL



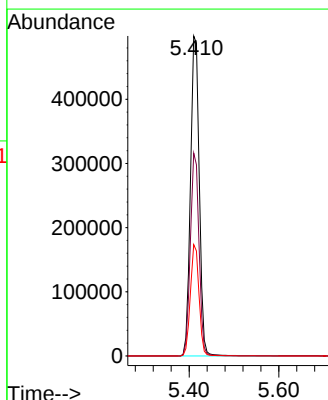
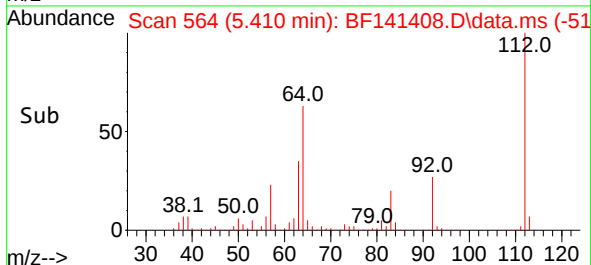
Tgt Ion:152 Resp: 79060
Ion Ratio Lower Upper
152 100
150 158.0 125.9 188.9
115 64.9 49.7 74.5

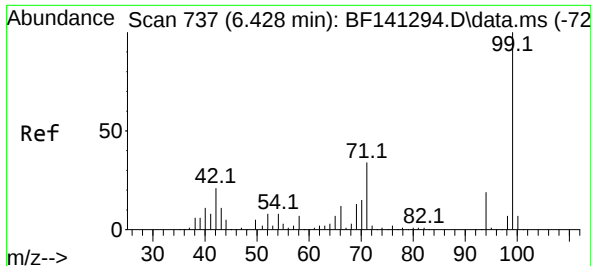


#5
2-Fluorophenol
Concen: 131.718 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141408.D
Acq: 04 Feb 2025 15:06



Tgt Ion:112 Resp: 678321
Ion Ratio Lower Upper
112 100
64 63.4 49.8 74.8
63 34.8 26.1 39.1

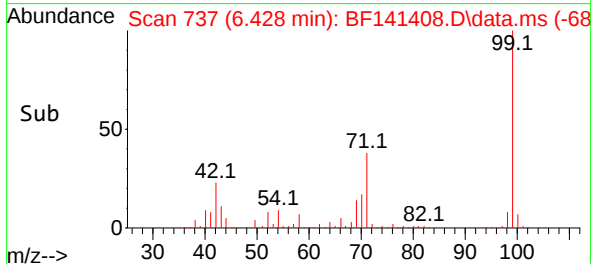
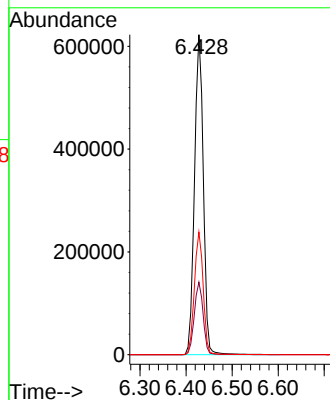
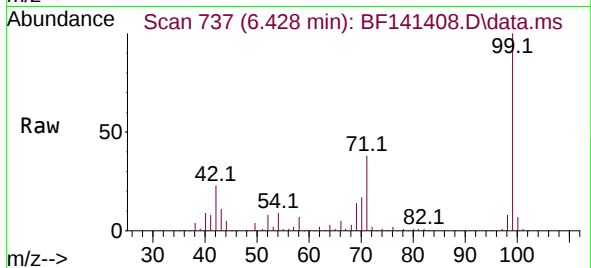




#7
Phenol-d6
Concen: 126.359 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141408.D
Acq: 04 Feb 2025 15:06

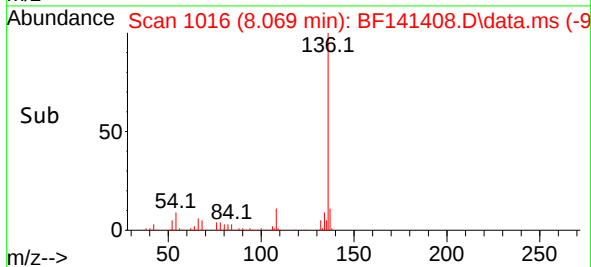
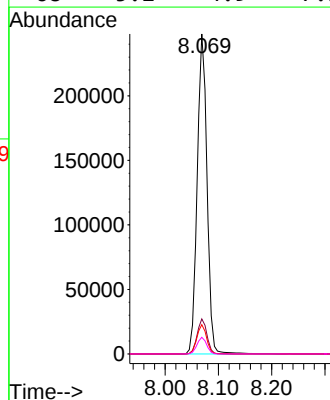
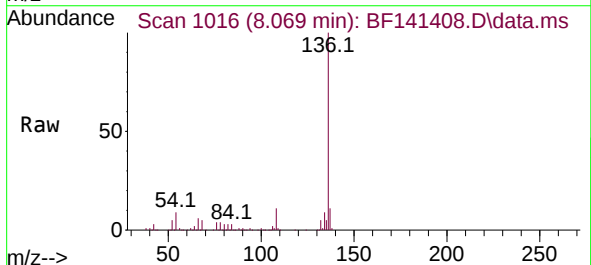
Instrument :
BNA_F
ClientSampleId :
PB166294BL

Tgt Ion: 99 Resp: 827808
Ion Ratio Lower Upper
99 100
42 22.6 17.1 25.7
71 38.3 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: BF141408.D
Acq: 04 Feb 2025 15:06

Tgt Ion: 136 Resp: 317518
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.8
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 91.807 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141408.D

Acq: 04 Feb 2025 15:06

Instrument :

BNA_F

ClientSampleId :

PB166294BL

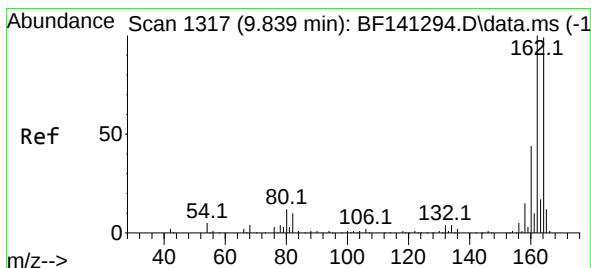
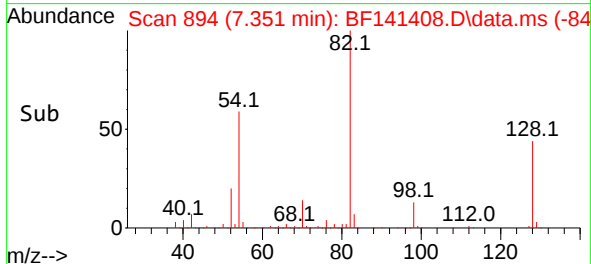
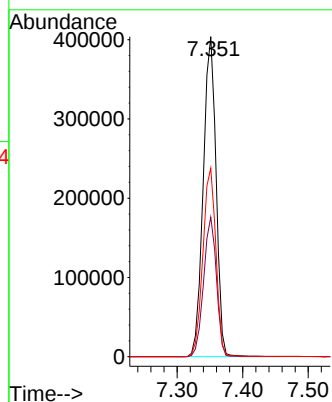
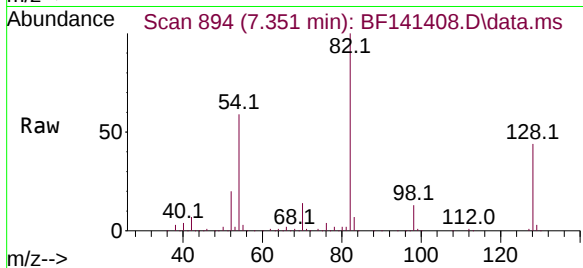
Tgt Ion: 82 Resp: 552962

Ion Ratio Lower Upper

82 100

128 43.6 35.7 53.5

54 59.0 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141408.D

Acq: 04 Feb 2025 15:06

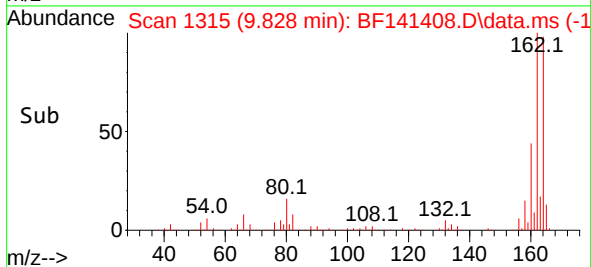
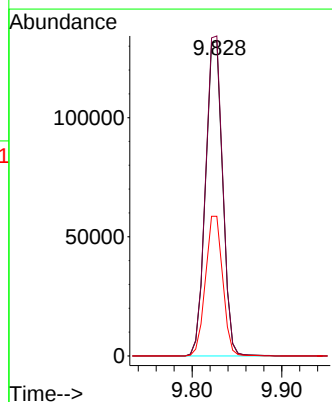
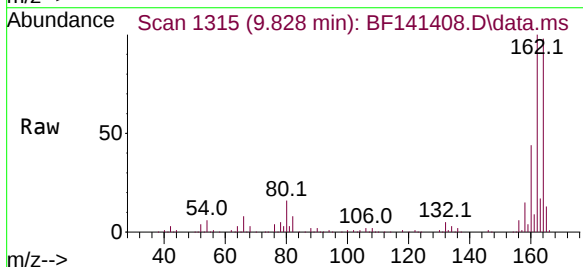
Tgt Ion:164 Resp: 174923

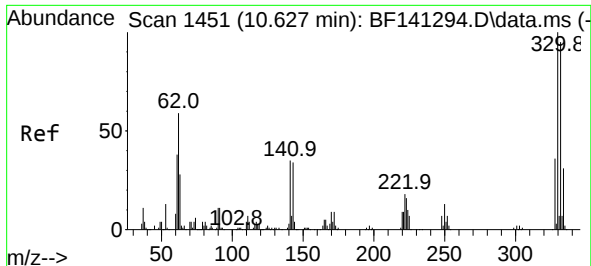
Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 142.278 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141408.D

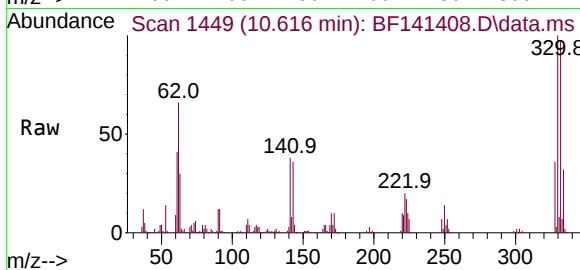
Acq: 04 Feb 2025 15:06

Instrument :

BNA_F

ClientSampleId :

PB166294BL



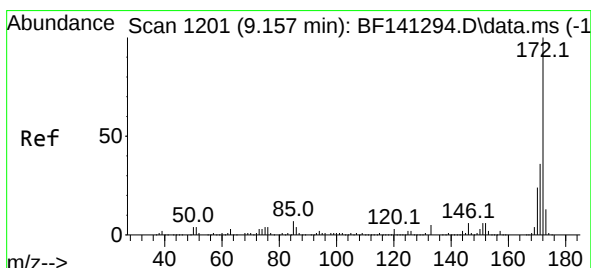
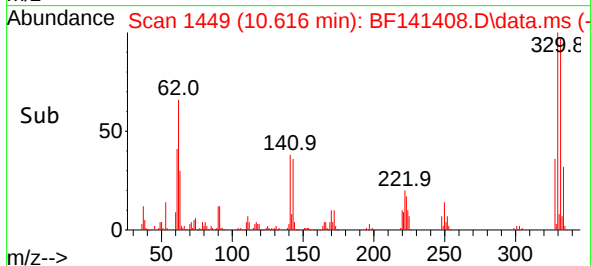
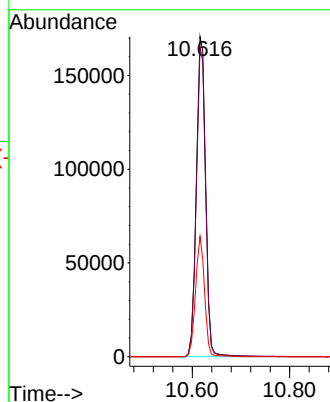
Tgt Ion:330 Resp: 228163

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

141 36.5 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 92.916 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141408.D

Acq: 04 Feb 2025 15:06

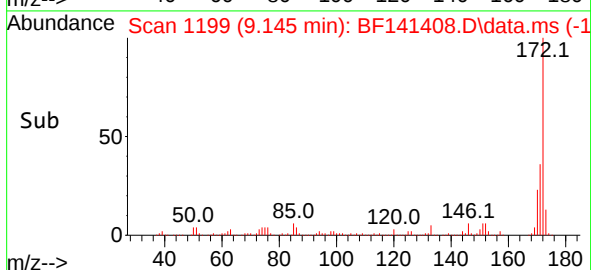
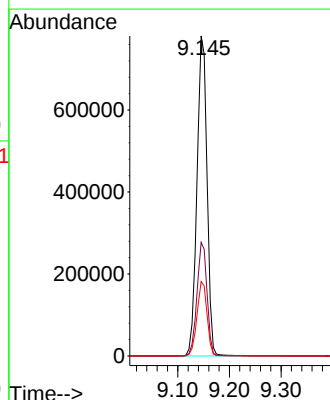
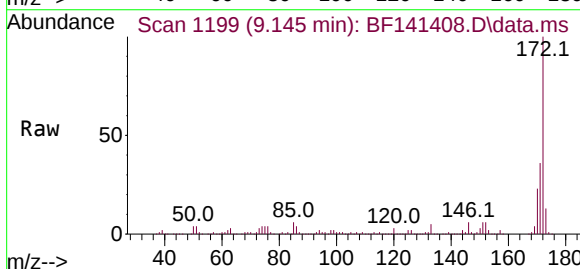
Tgt Ion:172 Resp: 1055957

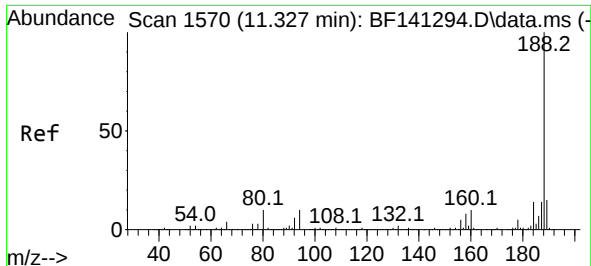
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 19.0 28.6

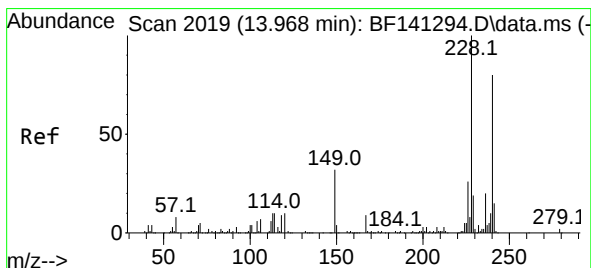
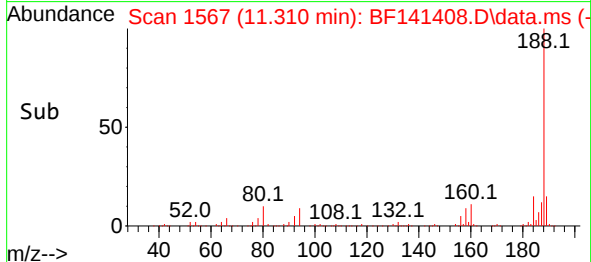
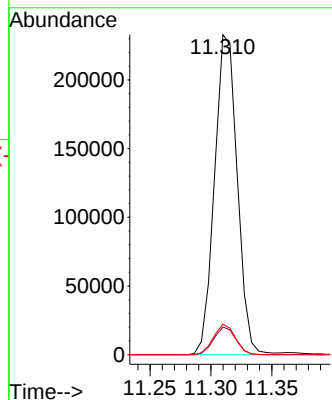
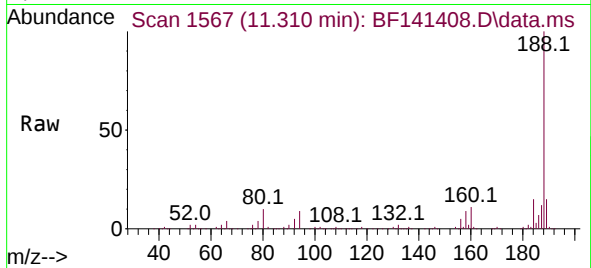




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141408.D
Acq: 04 Feb 2025 15:06

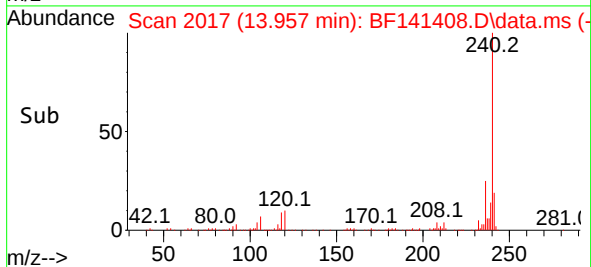
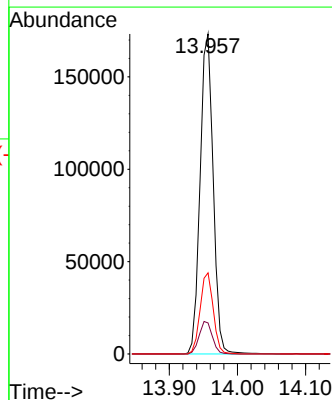
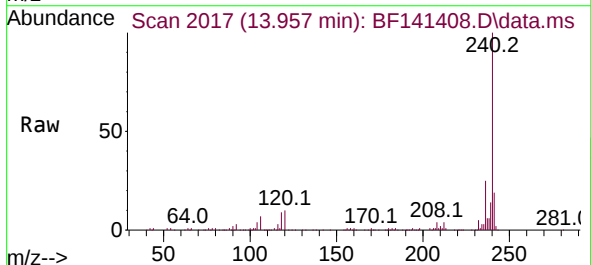
Instrument :
BNA_F
ClientSampleId :
PB166294BL

Tgt Ion:188 Resp: 303054
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 9.5 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: BF141408.D
Acq: 04 Feb 2025 15:06

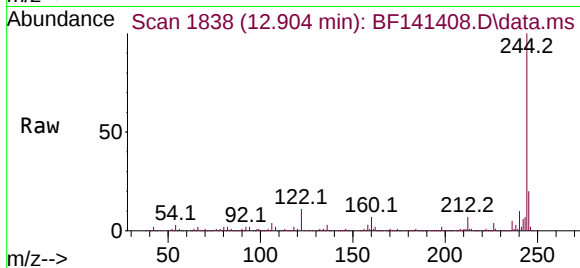
Tgt Ion:240 Resp: 230654
Ion Ratio Lower Upper
240 100
120 9.7 10.0 15.0#
236 25.4 19.7 29.5



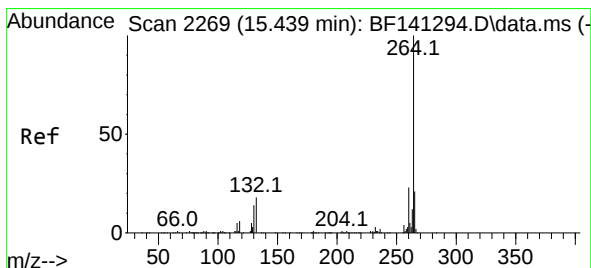
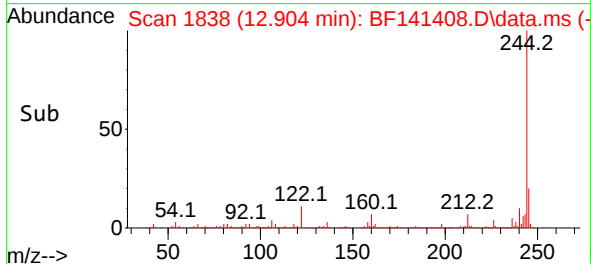
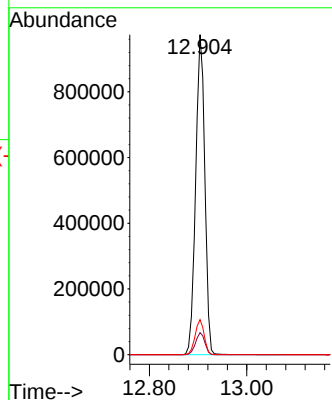


#79
 Terphenyl-d14
 Concen: 85.627 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141408.D
 Acq: 04 Feb 2025 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB166294BL



Tgt Ion:244 Resp: 1280663
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.030 min
 Lab File: BF141408.D
 Acq: 04 Feb 2025 15:06

Tgt Ion:264 Resp: 181526
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 27.8
 265 21.4 16.7 25.1

