

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141448.D
 Acq On : 05 Feb 2025 15:43
 Operator : RC/JU
 Sample : PB166318TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166318TB

Quant Time: Feb 05 16:59:35 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	70021	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	275257	20.000	ng	#-0.02
39) Acenaphthene-d10	9.827	164	148604	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	258070	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	172413	20.000	ng	-0.02
86) Perylene-d12	15.421	264	140295	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	615283	134.900	ng	0.00
7) Phenol-d6	6.428	99	751657	129.547	ng	-0.01
23) Nitrobenzene-d5	7.351	82	502343	96.207	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	193771	142.232	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	945516	97.933	ng	-0.02
79) Terphenyl-d14	12.904	244	1073395	96.012	ng	-0.01

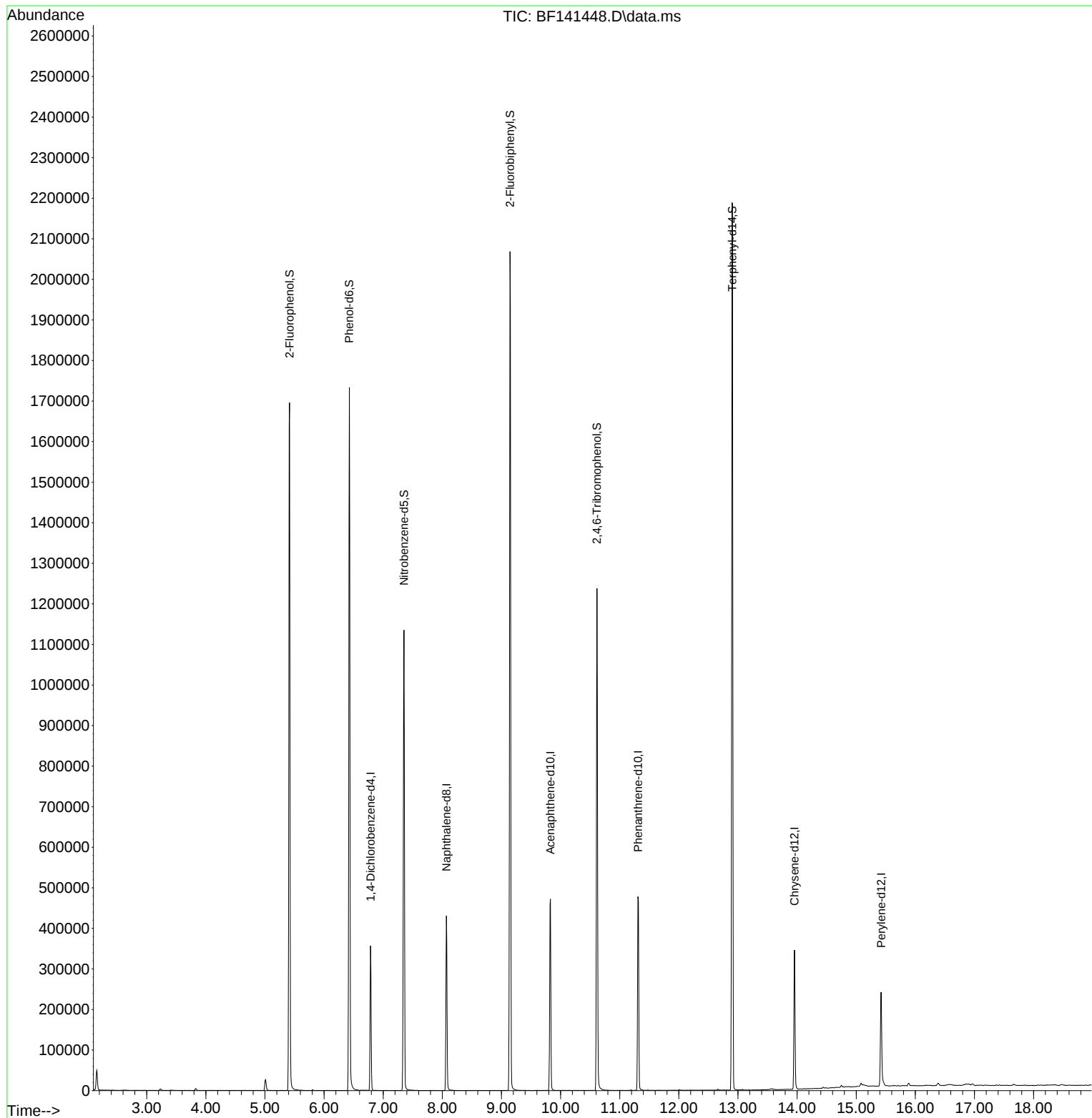
Target Compounds	Qvalue

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

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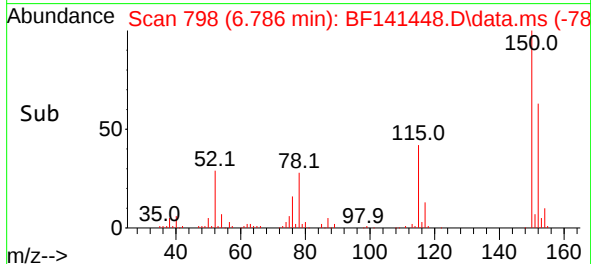
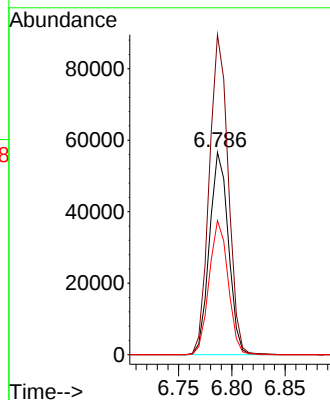
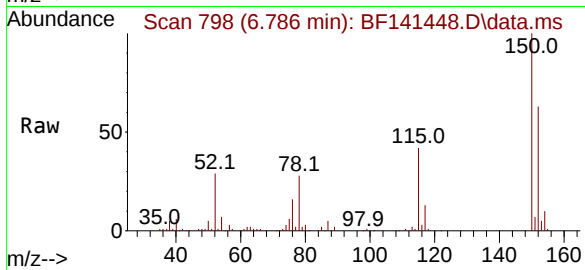




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 70
 Delta R.T. -0.018 min
 Lab File: BF141448.D
 Acq: 05 Feb 2025 15:43

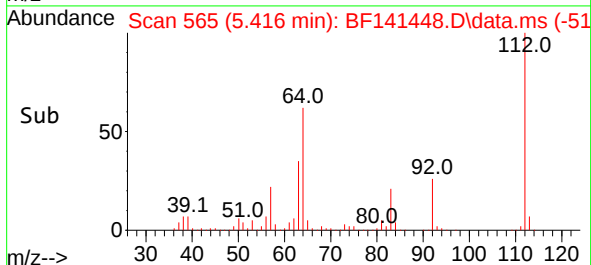
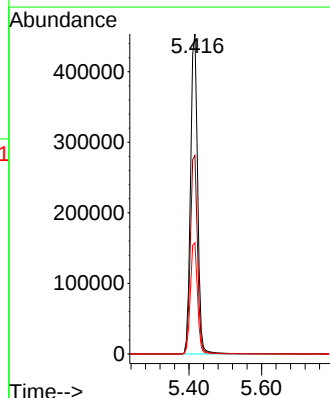
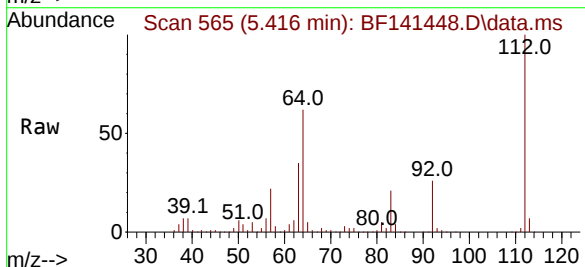
Instrument :
 BNA_F
 ClientSampleId :
 PB166318TB

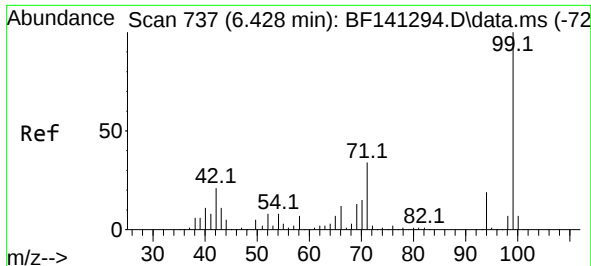
Tgt Ion:152 Resp: 70021
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.9 188.9
 115 66.3 49.7 74.5



#5
 2-Fluorophenol
 Concen: 134.900 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141448.D
 Acq: 05 Feb 2025 15:43

Tgt Ion:112 Resp: 615283
 Ion Ratio Lower Upper
 112 100
 64 62.0 49.8 74.8
 63 34.7 26.1 39.1

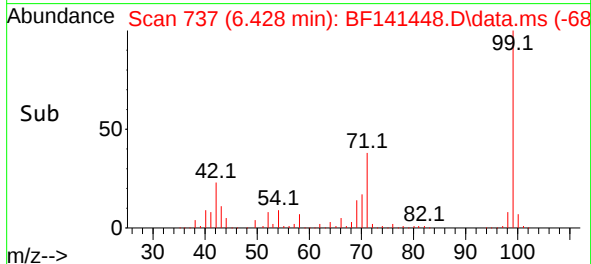
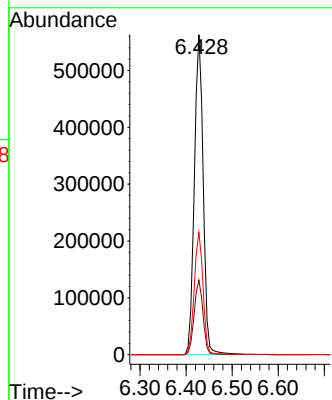
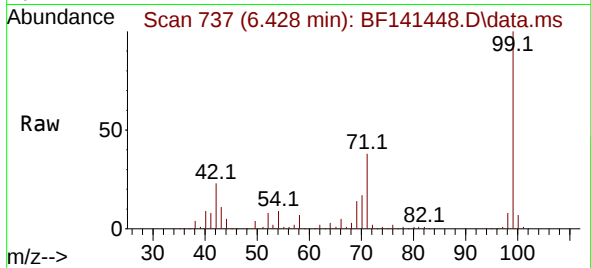




#7
Phenol-d6
Concen: 129.547 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141448.D
Acq: 05 Feb 2025 15:43

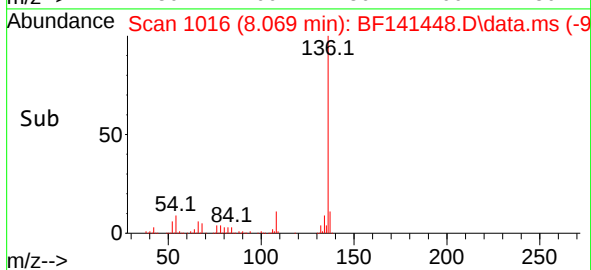
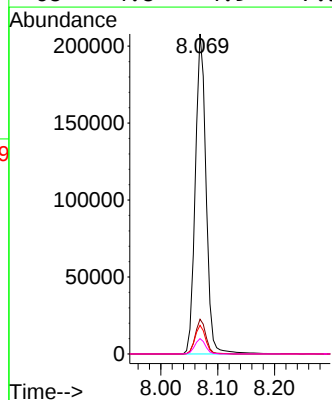
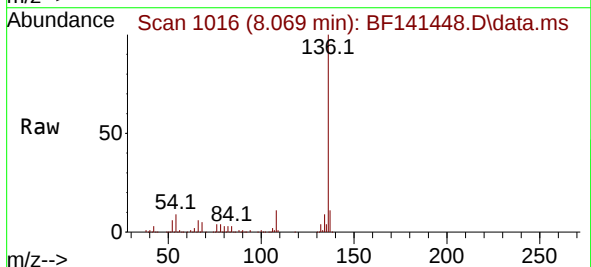
Instrument :
BNA_F
ClientSampleId :
PB166318TB

Tgt Ion: 99 Resp: 751657
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 38.2 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: BF141448.D
Acq: 05 Feb 2025 15:43

Tgt Ion: 136 Resp: 275257
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.8 11.8
68 4.8 4.9 7.3#

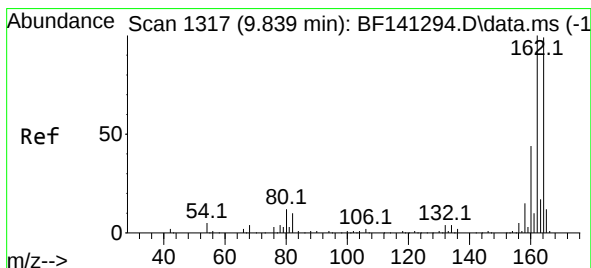
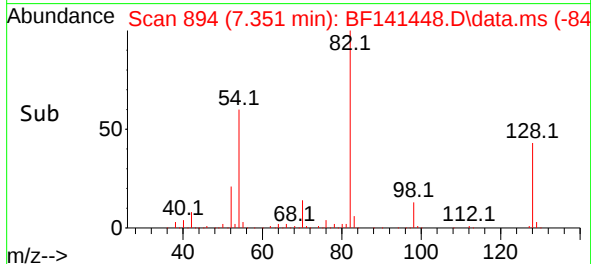
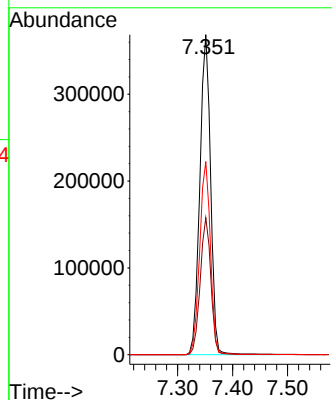
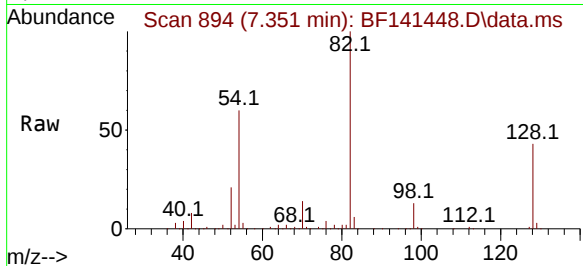




#23
Nitrobenzene-d5
Concen: 96.207 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141448.D
Acq: 05 Feb 2025 15:43

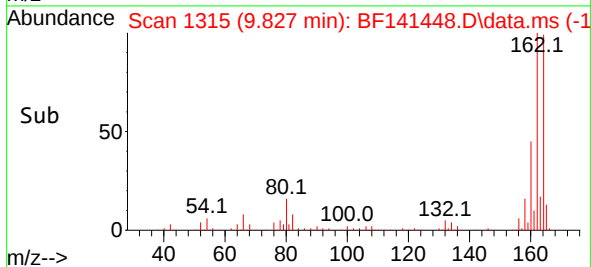
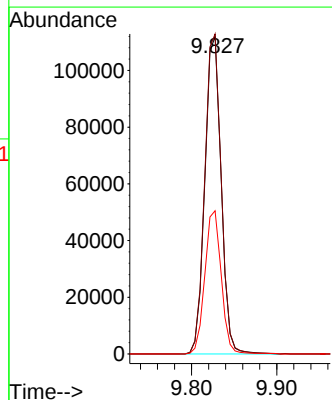
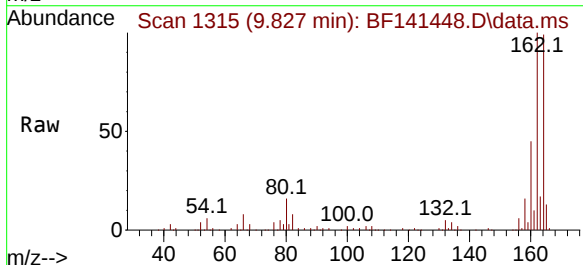
Instrument :
BNA_F
ClientSampleId :
PB166318TB

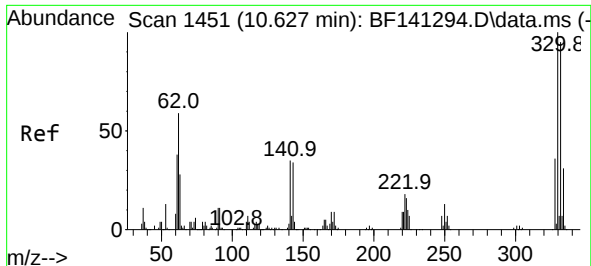
Tgt Ion: 82 Resp: 502343
Ion Ratio Lower Upper
82 100
128 42.8 35.7 53.5
54 60.3 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141448.D
Acq: 05 Feb 2025 15:43

Tgt Ion:164 Resp: 148604
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 142.232 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141448.D

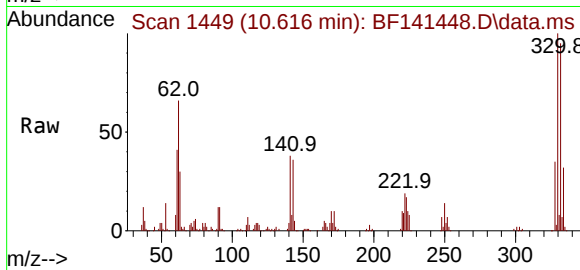
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Instrument :

BNA_F

ClientSampleId :

PB166318TB



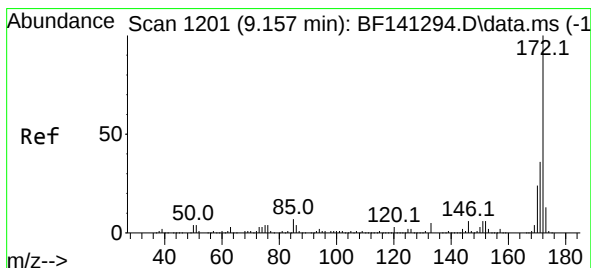
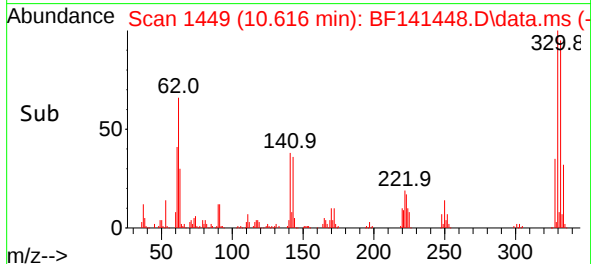
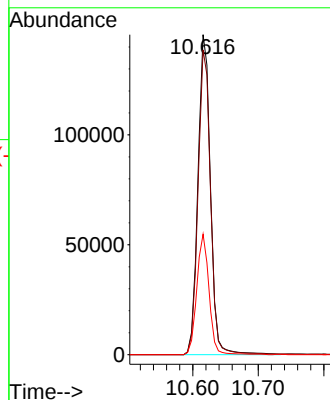
Tgt Ion:330 Resp: 193771

Ion Ratio Lower Upper

330 100

332 95.3 76.1 114.1

141 36.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 97.933 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141448.D

Acq: 05 Feb 2025 15:43

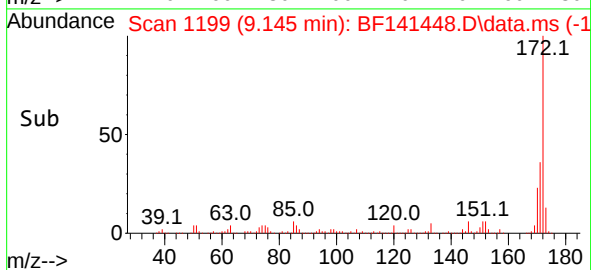
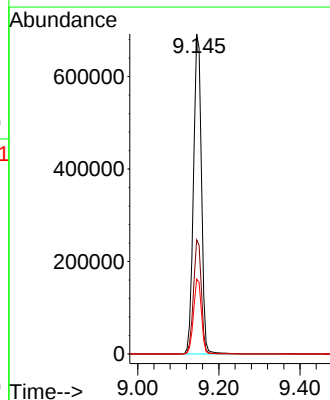
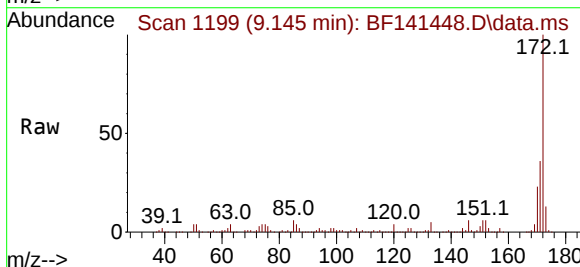
Tgt Ion:172 Resp: 945516

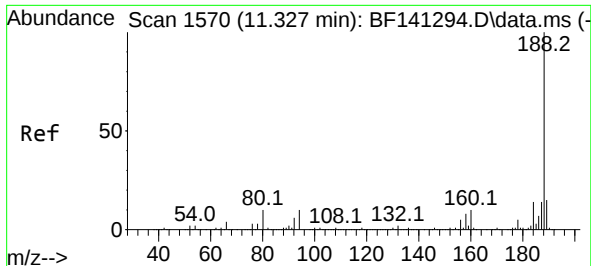
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.4 19.0 28.6

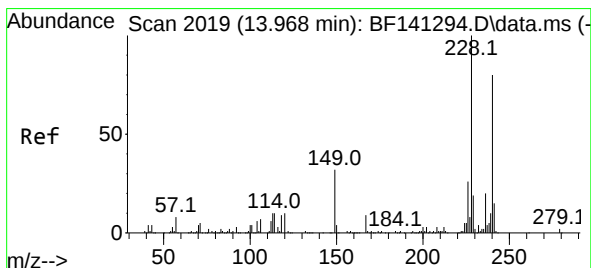
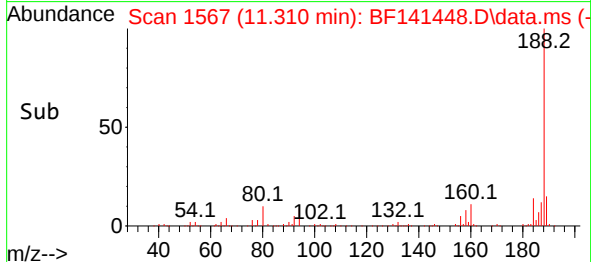
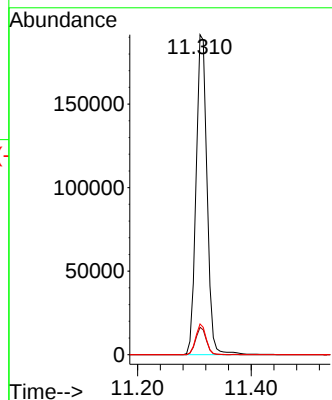
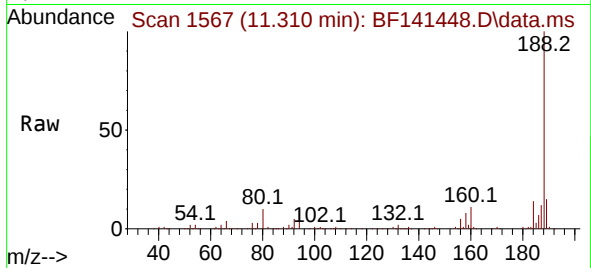




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141448.D
Acq: 05 Feb 2025 15:43

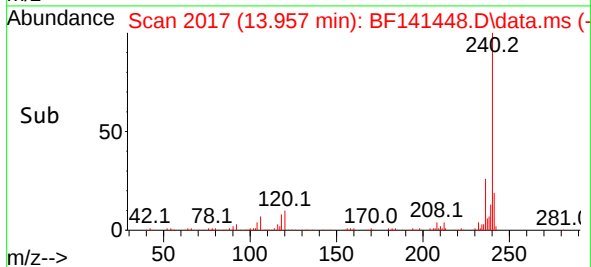
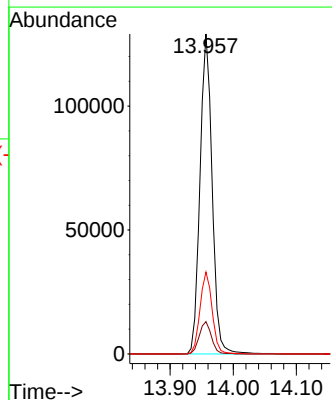
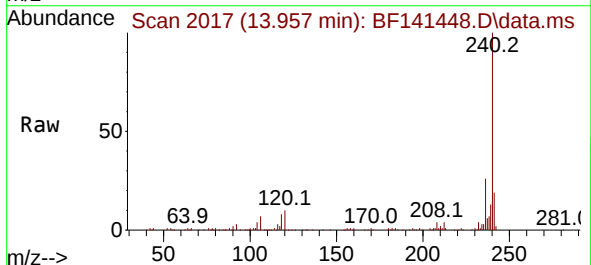
Instrument :
BNA_F
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Tgt Ion:188 Resp: 258070
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 9.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141448.D
Acq: 05 Feb 2025 15:43

Tgt Ion:240 Resp: 172413
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.6 19.7 29.5

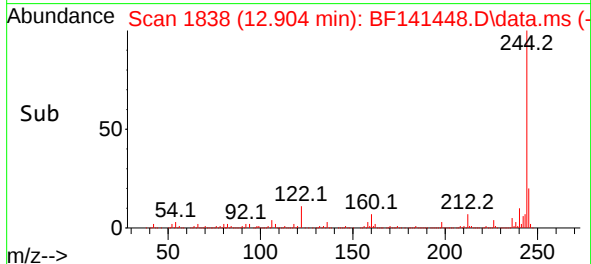
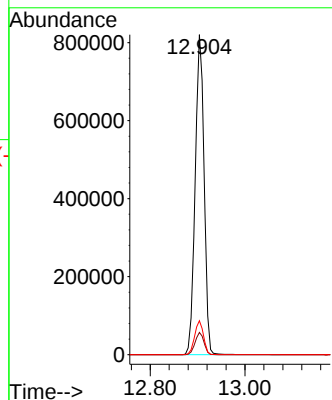
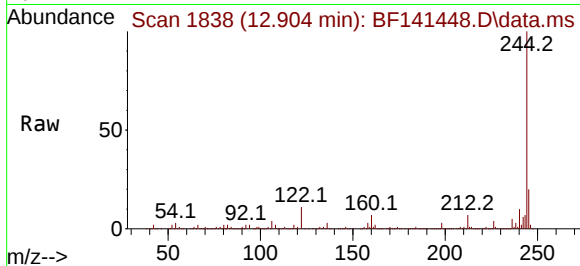




#79
 Terphenyl-d14
 Concen: 96.012 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141448.D
 Acq: 05 Feb 2025 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB166318TB

Tgt Ion:244 Resp: 1073395
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. -0.018 min
 Lab File: BF141448.D
 Acq: 05 Feb 2025 15:43

Tgt Ion:264 Resp: 140295
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.3 16.7 25.1

