

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
 Data File : BF141467.D
 Acq On : 06 Feb 2025 00:07
 Operator : RC/JU
 Sample : Q1284-01 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-2-4-2025

Quant Time: Feb 06 01:52:02 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	6.792	152	52865	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	190373	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	93151	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	163012	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	116166	20.000	ng	#-0.02
86) Perylene-d12	15.421	264	89454	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	59849	17.380	ng	0.00
7) Phenol-d6	6.434	99	69995	15.978	ng	0.00
23) Nitrobenzene-d5	7.351	82	43592	12.071	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	15531	18.187	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	74167	12.255	ng	-0.02
79) Terphenyl-d14	12.904	244	89273	11.852	ng	-0.01

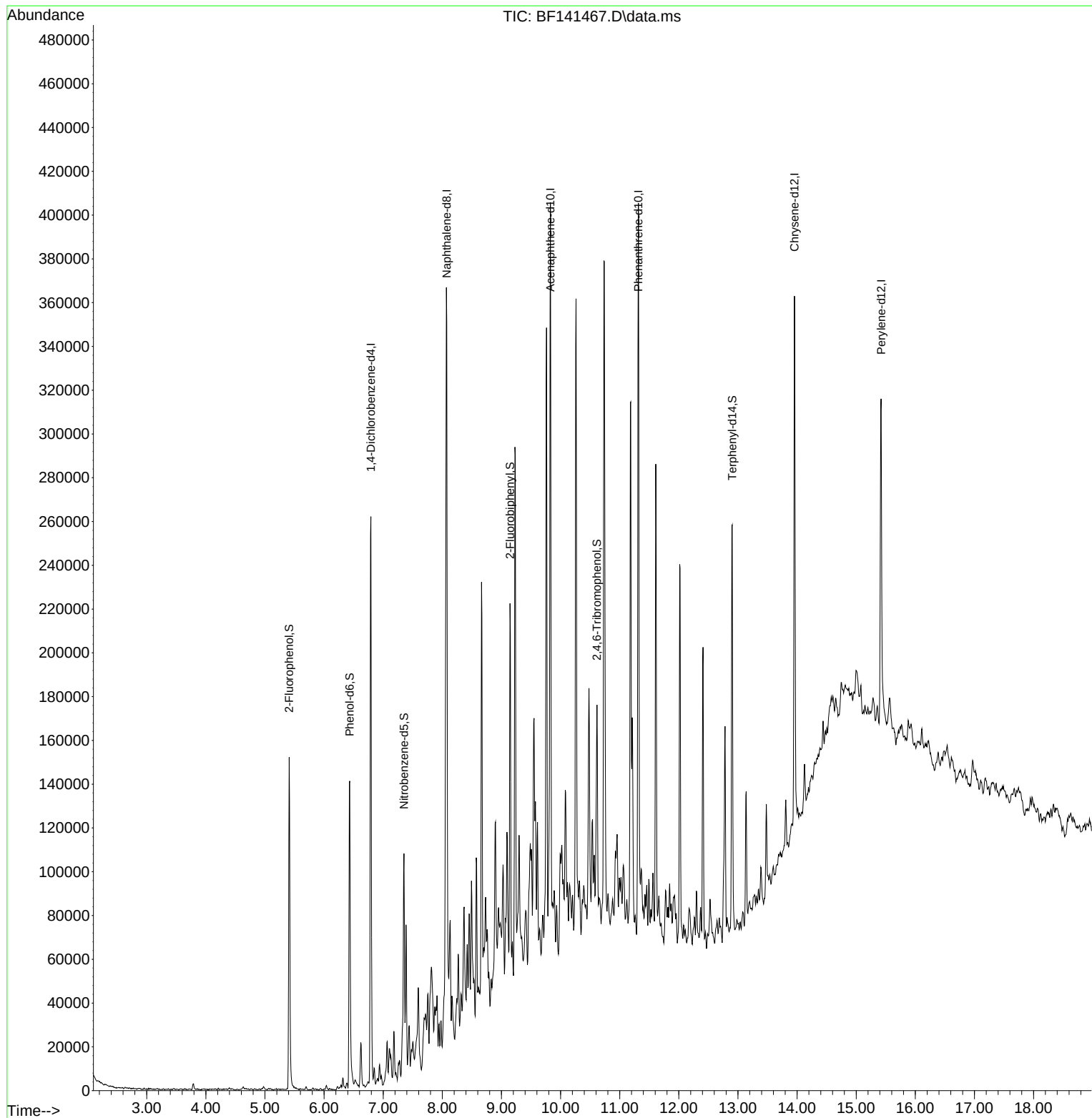
Target Compounds	Qvalue

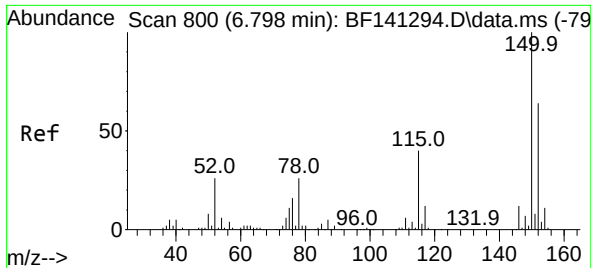
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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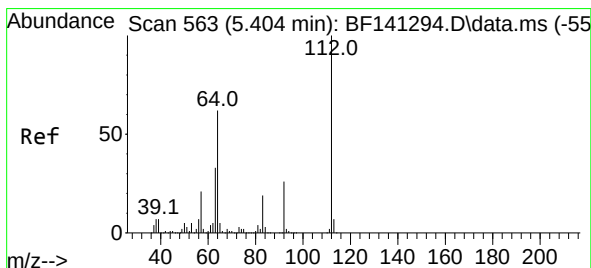
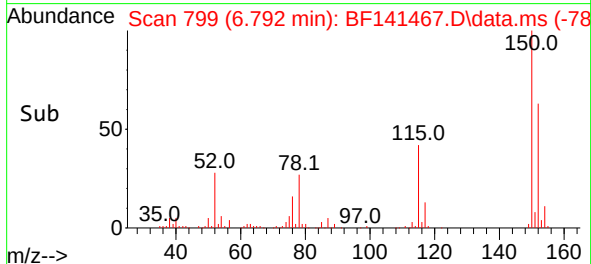
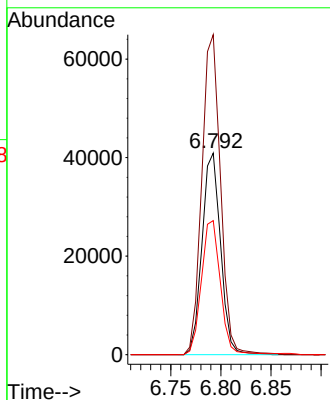
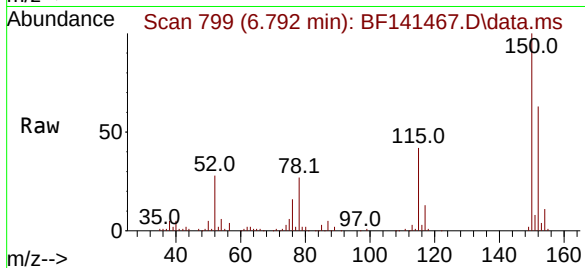




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF141467.D
Acq: 06 Feb 2025 00:07

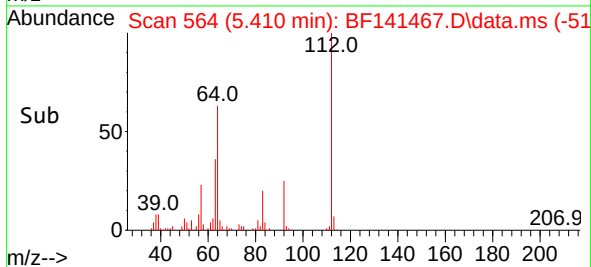
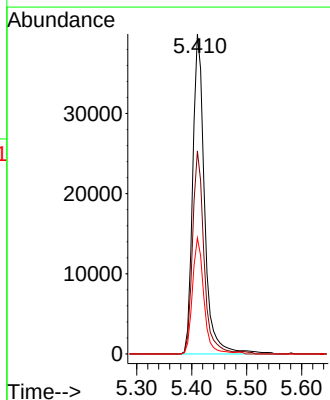
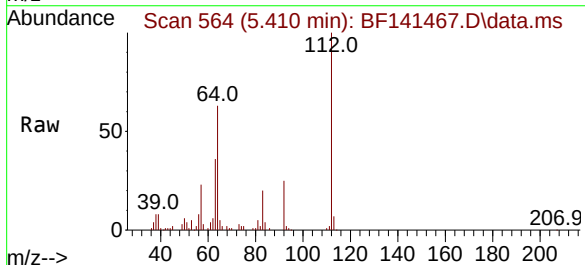
Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

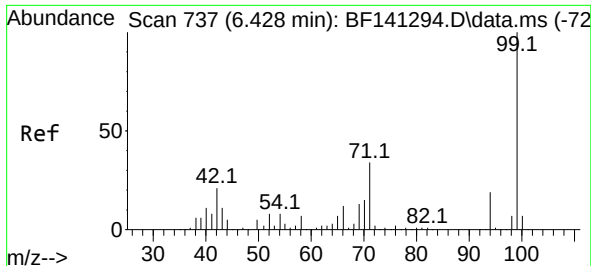
Tgt Ion:152 Resp: 52865
Ion Ratio Lower Upper
152 100
150 158.7 125.9 188.9
115 66.5 49.7 74.5



#5
2-Fluorophenol
Concen: 17.380 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141467.D
Acq: 06 Feb 2025 00:07

Tgt Ion:112 Resp: 59849
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 36.2 26.1 39.1

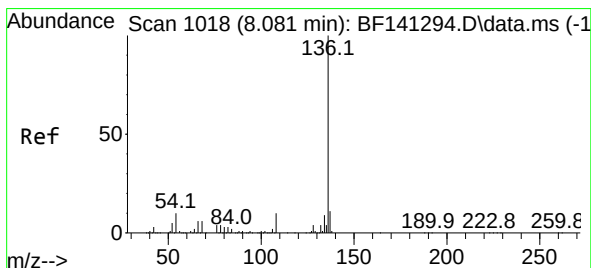
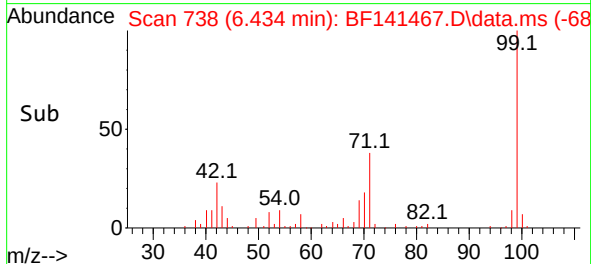
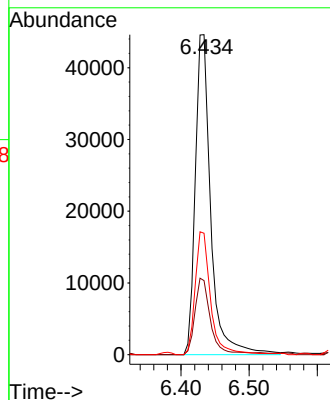
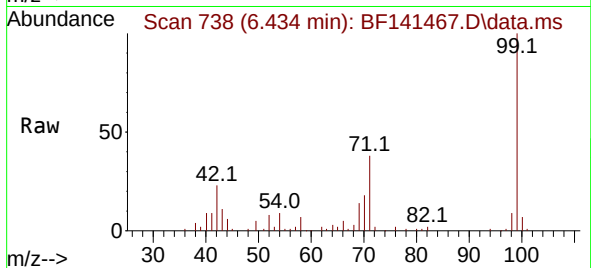




#7
Phenol-d6
Concen: 15.978 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141467.D
Acq: 06 Feb 2025 00:07

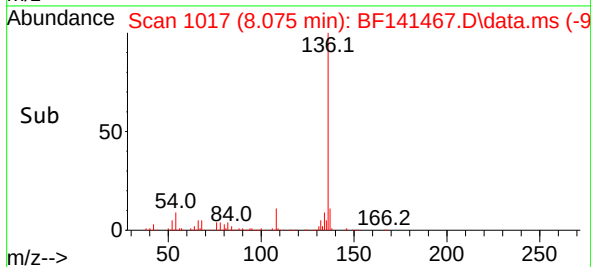
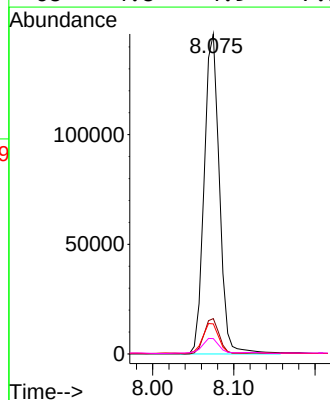
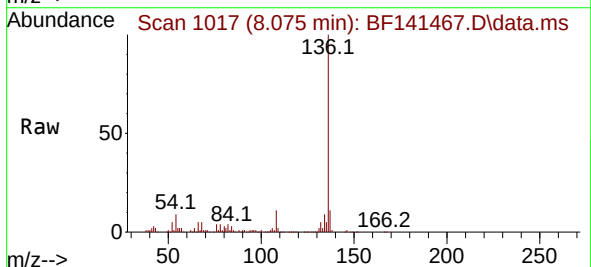
Instrument :
BNA_F
ClientSampleId :
SU-03-2-4-2025

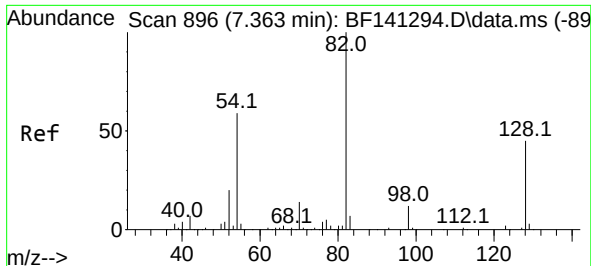
Tgt Ion: 99 Resp: 69995
Ion Ratio Lower Upper
99 100
42 23.2 17.1 25.7
71 37.9 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141467.D
Acq: 06 Feb 2025 00:07

Tgt Ion: 136 Resp: 190373
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.4 7.8 11.8
68 4.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 12.071 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141467.D

Acq: 06 Feb 2025 00:07

Instrument :

BNA_F

ClientSampleId :

SU-03-2-4-2025

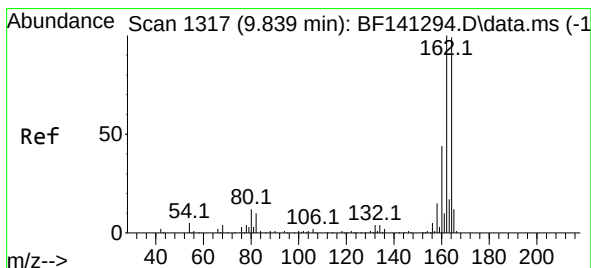
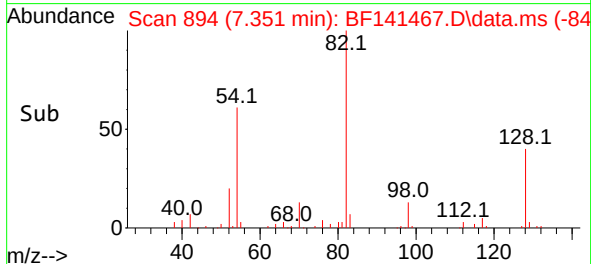
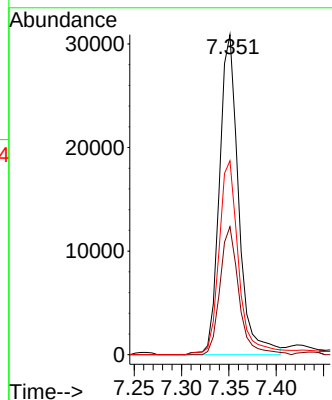
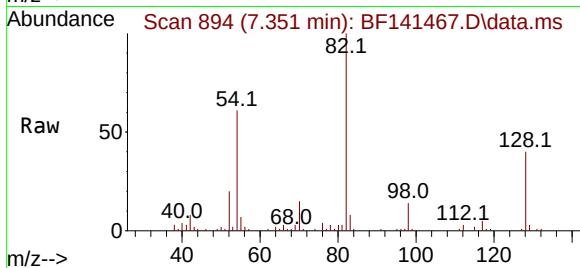
Tgt Ion: 82 Resp: 43592

Ion Ratio Lower Upper

82 100

128 40.0 35.7 53.5

54 60.6 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: BF141467.D

Acq: 06 Feb 2025 00:07

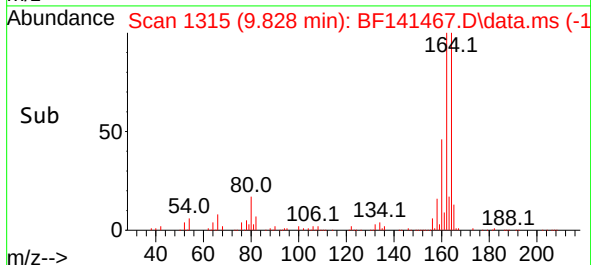
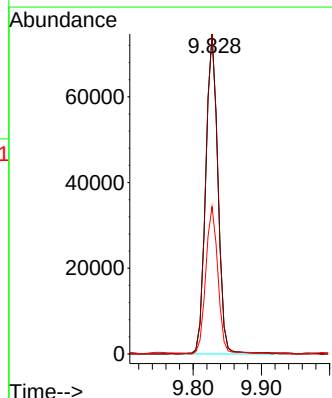
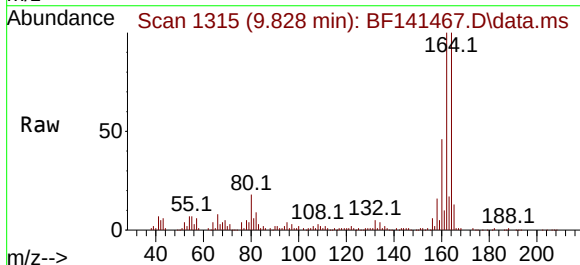
Tgt Ion: 164 Resp: 93151

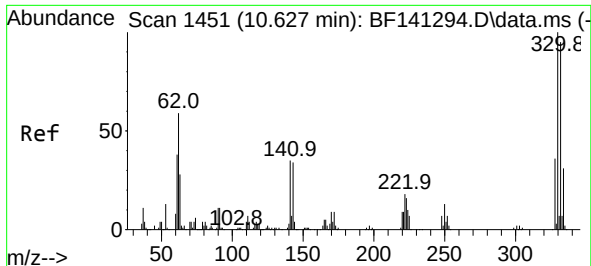
Ion Ratio Lower Upper

164 100

162 100.2 80.6 121.0

160 46.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 18.187 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF141467.D

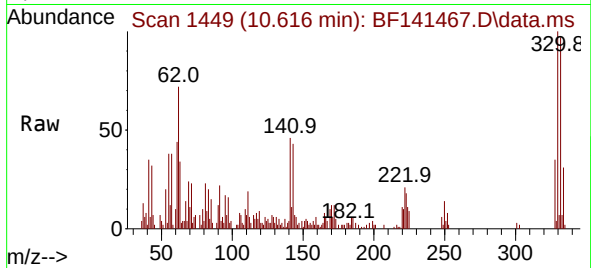
Acq: 06 Feb 2025 00:07

Instrument :

BNA_F

ClientSampleId :

SU-03-2-4-2025



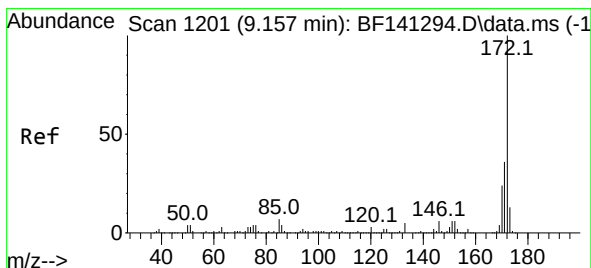
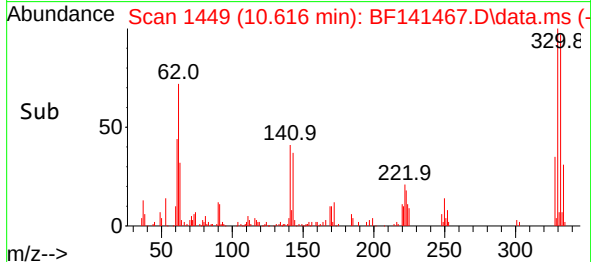
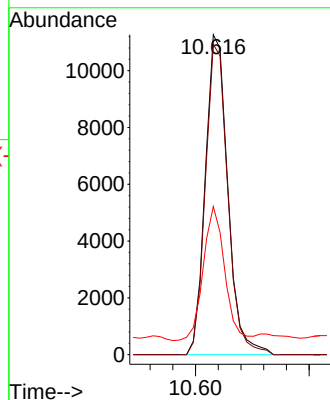
Tgt Ion:330 Resp: 15531

Ion Ratio Lower Upper

330 100

332 96.3 76.1 114.1

141 40.0 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 12.255 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141467.D

Acq: 06 Feb 2025 00:07

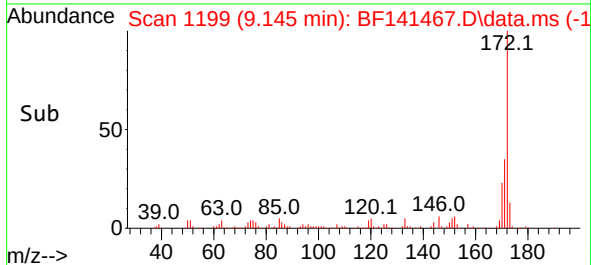
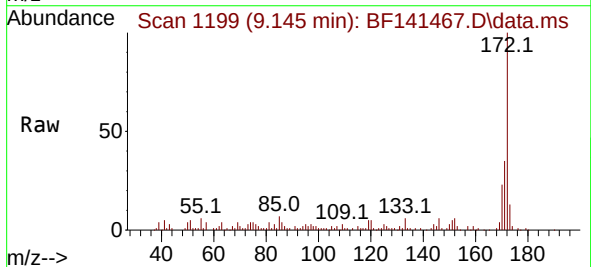
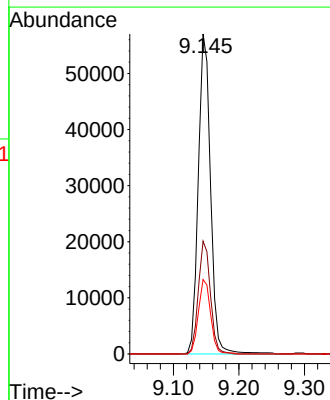
Tgt Ion:172 Resp: 74167

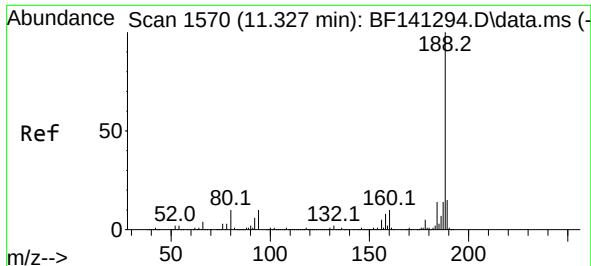
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.3 19.0 28.6

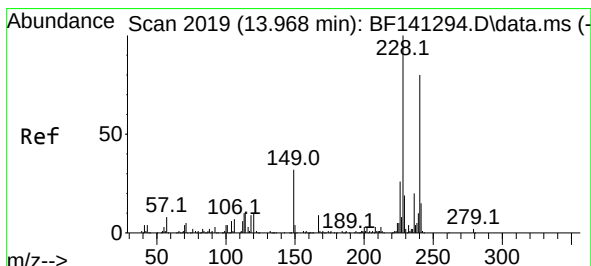
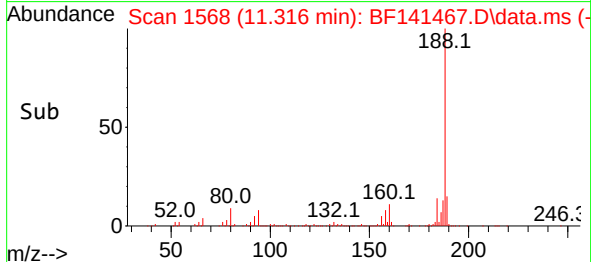
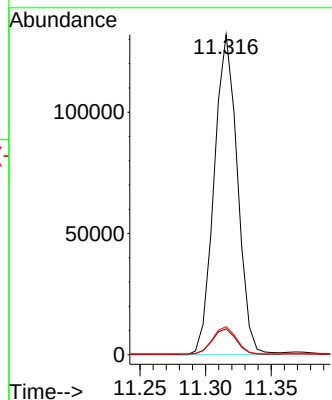
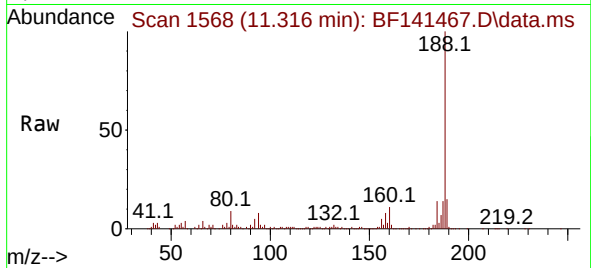




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141467.D
Acq: 06 Feb 2025 00:07

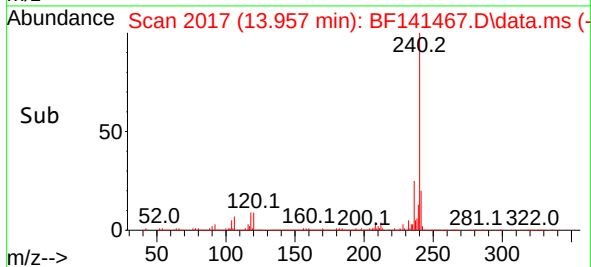
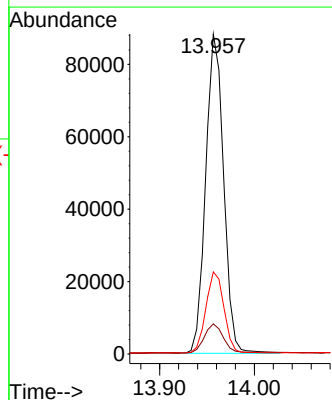
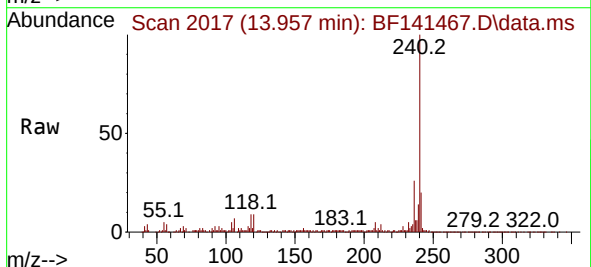
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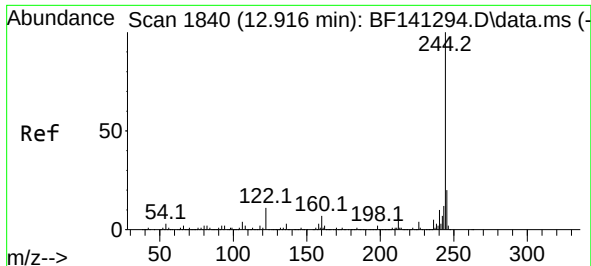
Tgt Ion:188 Resp: 163012
Ion Ratio Lower Upper
188 100
94 8.1 7.8 11.6
80 8.8 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141467.D
Acq: 06 Feb 2025 00:07

Tgt Ion:240 Resp: 116166
Ion Ratio Lower Upper
240 100
120 9.4 10.0 15.0#
236 25.6 19.7 29.5

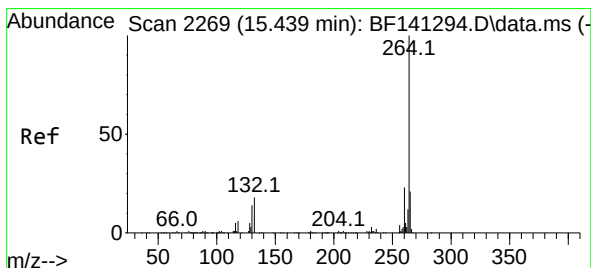
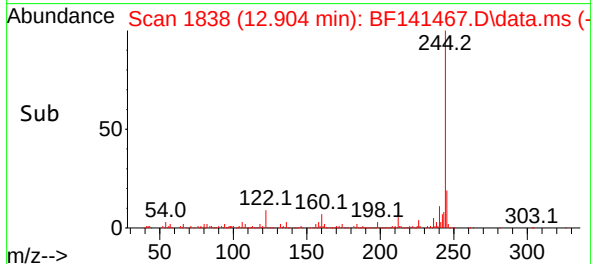
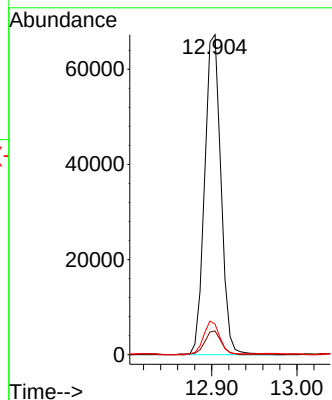
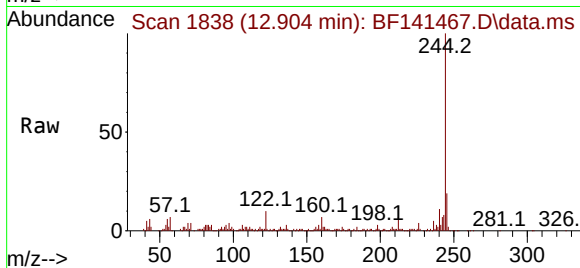




#79
 Terphenyl-d14
 Concen: 11.852 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141467.D
 Acq: 06 Feb 2025 00:07

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-2-4-2025

Tgt Ion:244 Resp: 89273
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 9.5 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: BF141467.D
 Acq: 06 Feb 2025 00:07

Tgt Ion:264 Resp: 89454
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 27.8
 265 21.2 16.7 25.1

