

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144396.D
 Acq On : 01 Dec 2025 19:40
 Operator : RC/JU
 Sample : Q3733-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-11-26-2025

Quant Time: Dec 02 00:10:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

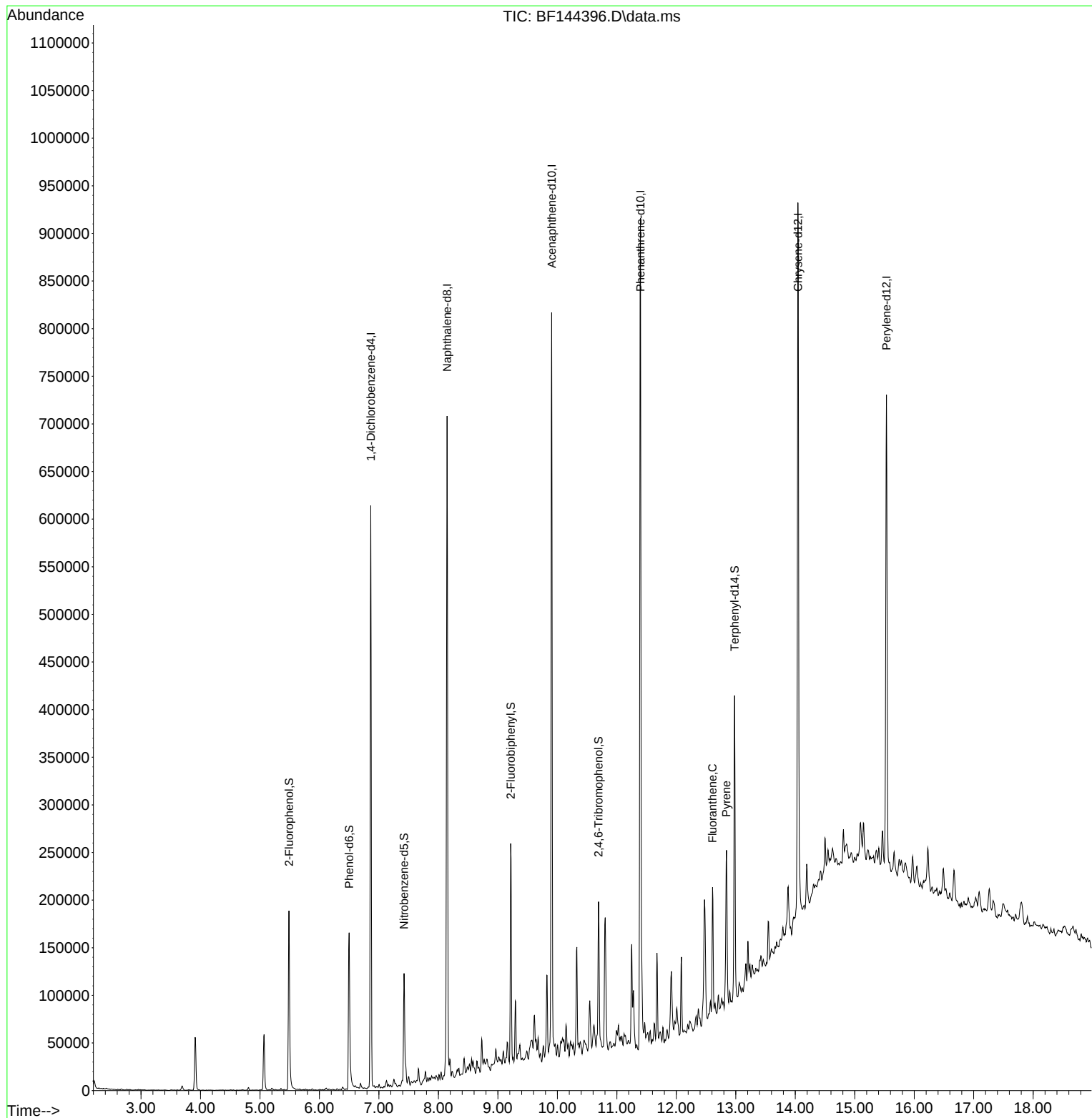
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	127936	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	438166	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	243751	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	491850	20.000	ng	0.00
76) Chrysene-d12	14.045	240	394983	20.000	ng	0.00
86) Perylene-d12	15.533	264	321431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	89778	10.981	ng	0.00
7) Phenol-d6	6.498	99	95673	10.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	54835	7.228	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	33100	10.821	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	112140	6.795	ng	-0.01
79) Terphenyl-d14	12.980	244	169489	6.816	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.610	202	78783	3.114	ng	97
78) Pyrene	12.839	202	69834	2.193	ng	97

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

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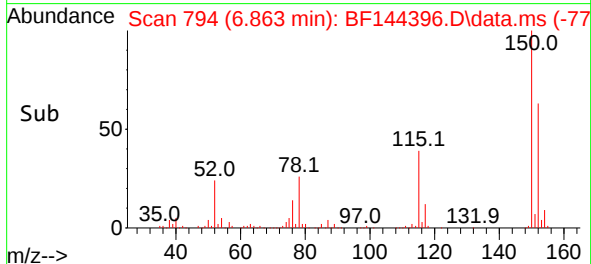
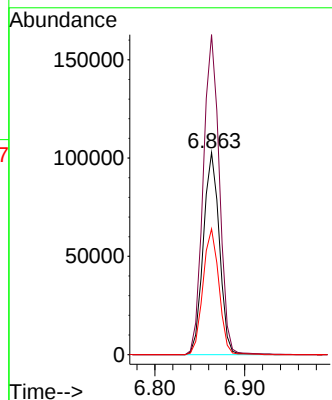
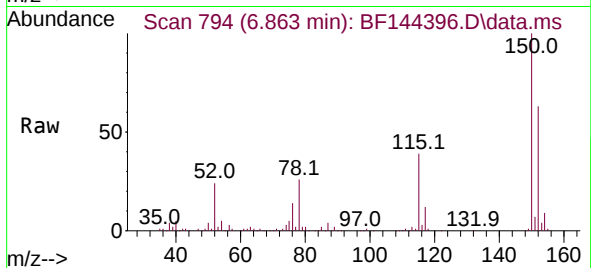




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144396.D
 Acq: 01 Dec 2025 19:40

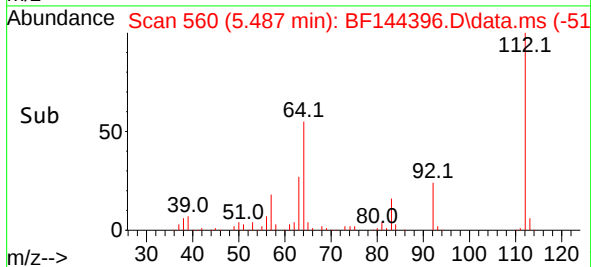
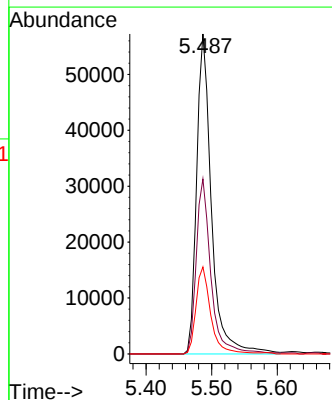
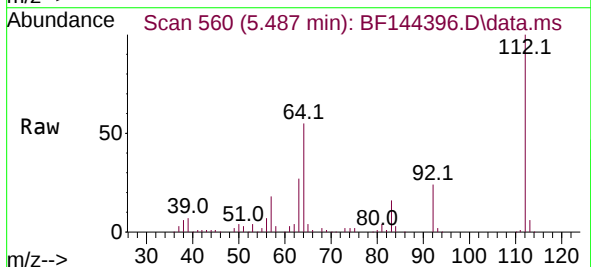
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-11-26-2025

Tgt Ion:152 Resp: 127936
 Ion Ratio Lower Upper
 152 100
 150 158.4 127.4 191.0
 115 62.3 49.5 74.3



#5
 2-Fluorophenol
 Concen: 10.981 ng
 RT: 5.487 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF144396.D
 Acq: 01 Dec 2025 19:40

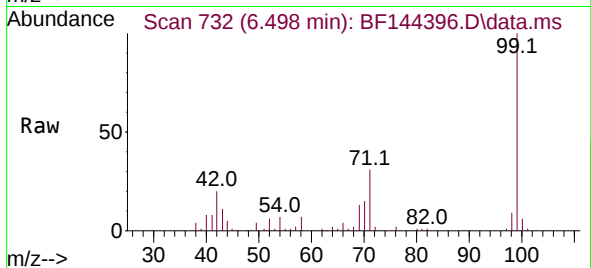
Tgt Ion:112 Resp: 89778
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.2 70.8
 63 27.2 24.4 36.6



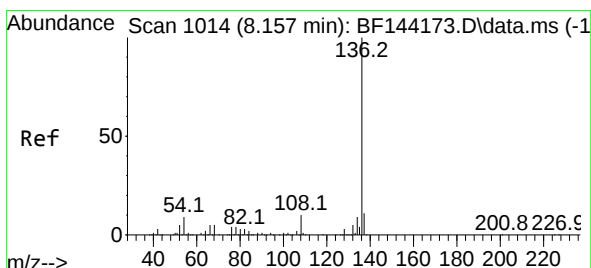
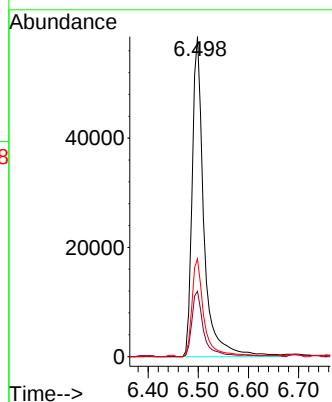
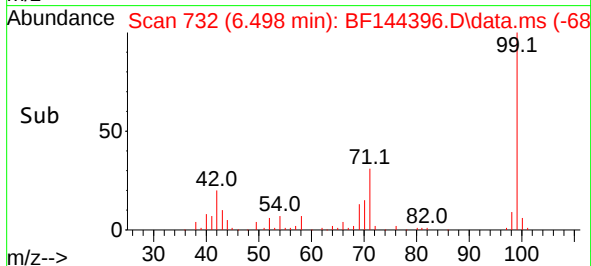


#7
Phenol-d6
Concen: 10.328 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144396.D
Acq: 01 Dec 2025 19:40

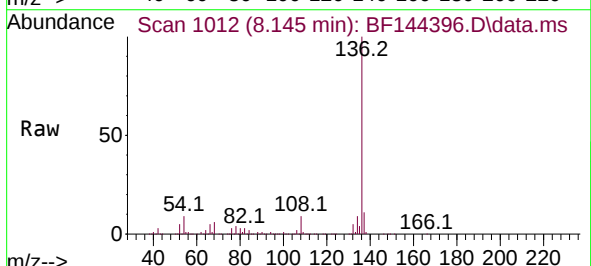
Instrument :
BNA_F
ClientSampleId :
SU-04-11-26-2025



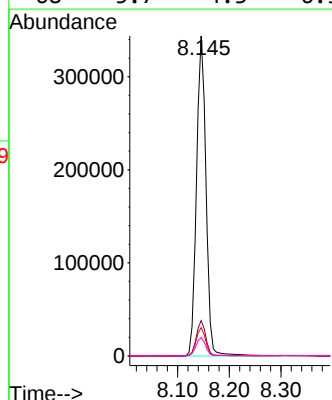
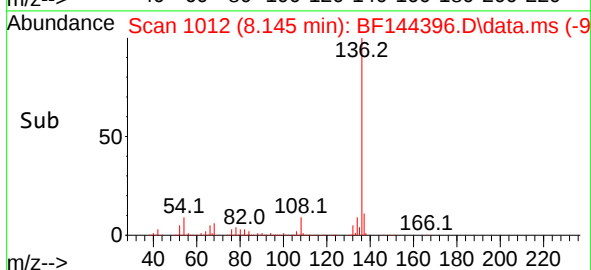
Tgt Ion: 99 Resp: 95673
Ion Ratio Lower Upper
99 100
42 20.4 20.9 31.3#
71 30.6 31.4 47.2#

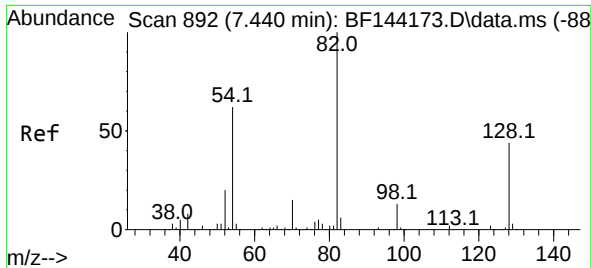


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144396.D
Acq: 01 Dec 2025 19:40



Tgt Ion: 136 Resp: 438166
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.8 7.0 10.6
68 5.7 4.3 6.5

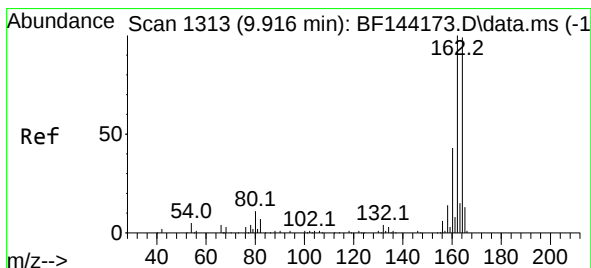
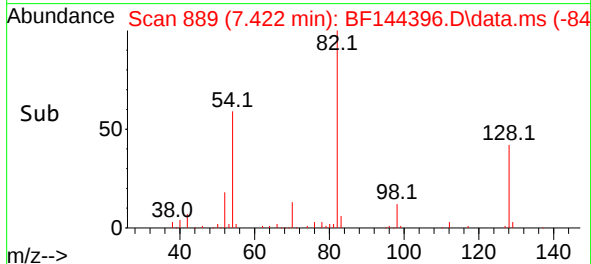
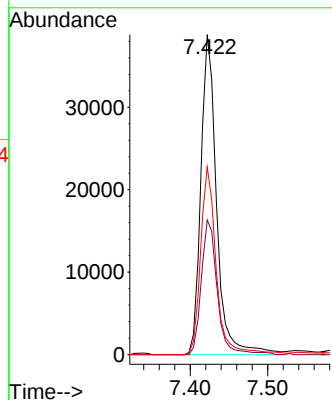
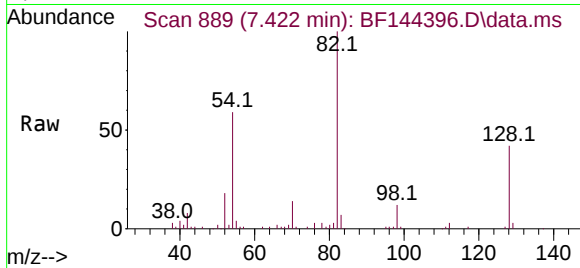




#23
Nitrobenzene-d5
Concen: 7.228 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144396.D
Acq: 01 Dec 2025 19:40

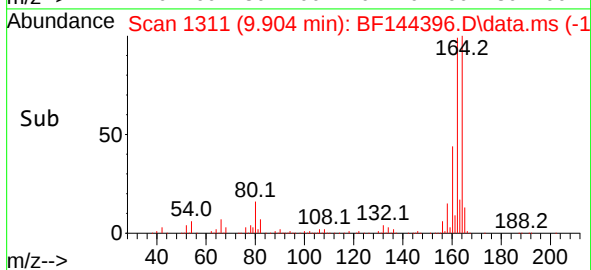
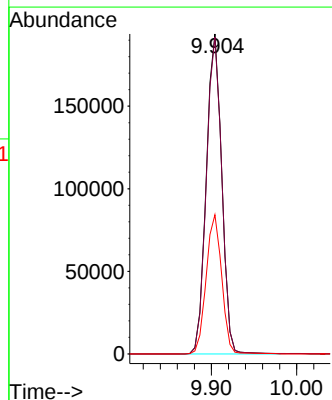
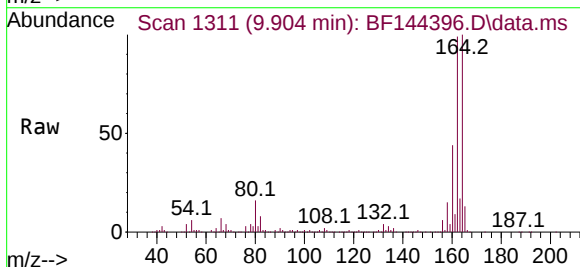
Instrument :
BNA_F
ClientSampleId :
SU-04-11-26-2025

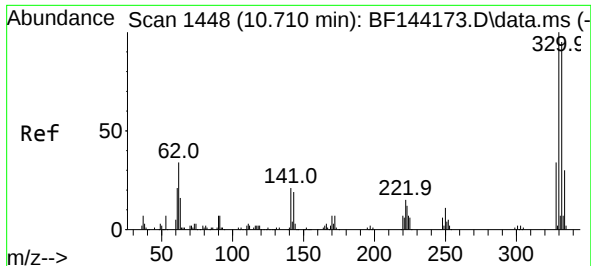
Tgt Ion:	82	Resp:	54835
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.7	52.1
54	58.6	49.5	74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144396.D
Acq: 01 Dec 2025 19:40

Tgt Ion:	164	Resp:	243751
Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.1	121.7
160	43.5	34.5	51.7





#42

2,4,6-Tribromophenol

Concen: 10.821 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144396.D

Acq: 01 Dec 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SU-04-11-26-2025

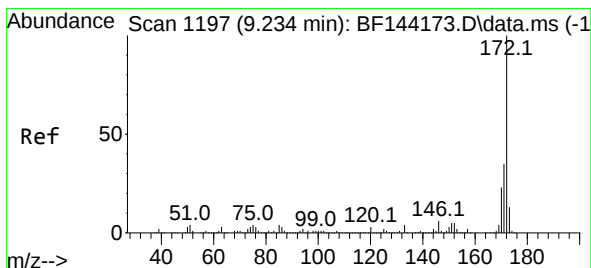
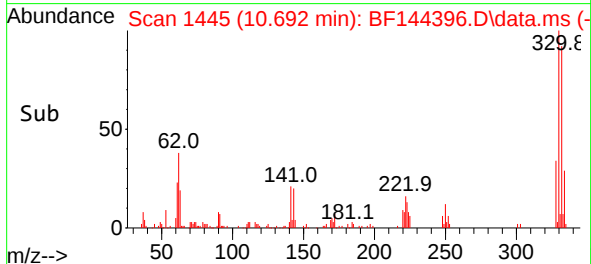
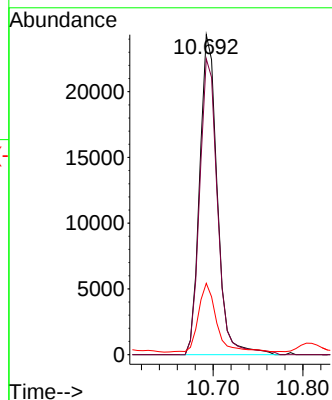
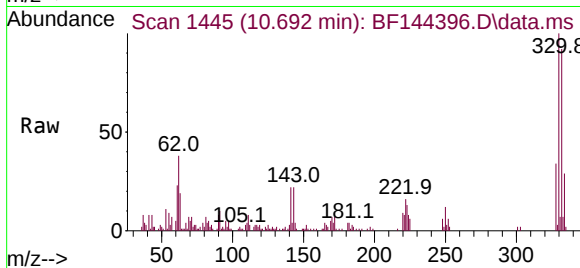
Tgt Ion:330 Resp: 33100

Ion Ratio Lower Upper

330 100

332 94.1 76.7 115.1

141 22.1 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 6.795 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144396.D

Acq: 01 Dec 2025 19:40

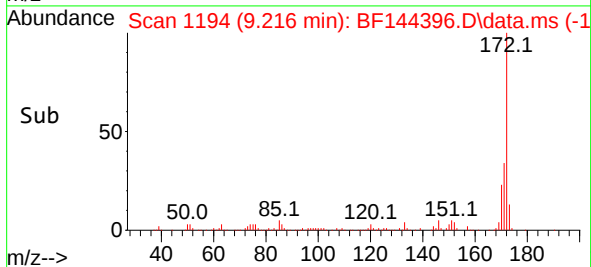
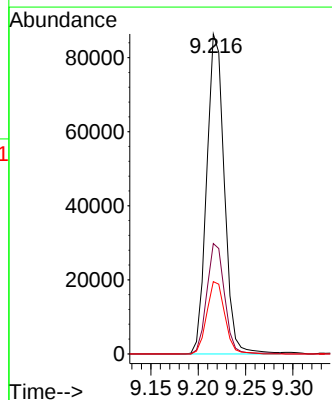
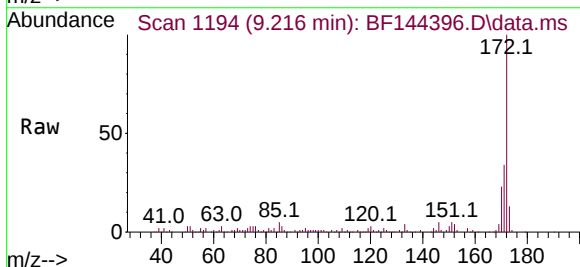
Tgt Ion:172 Resp: 112140

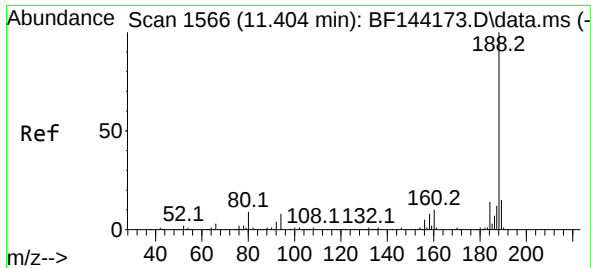
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 22.6 18.6 28.0

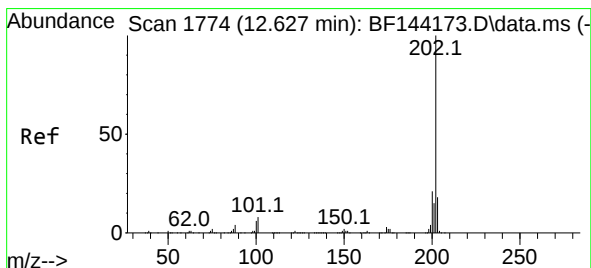
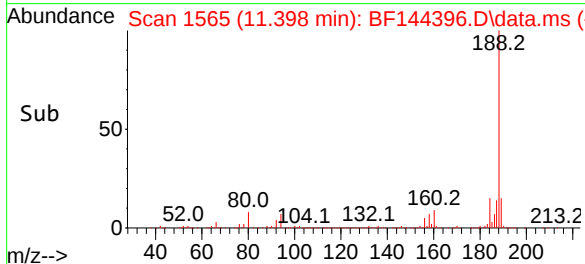
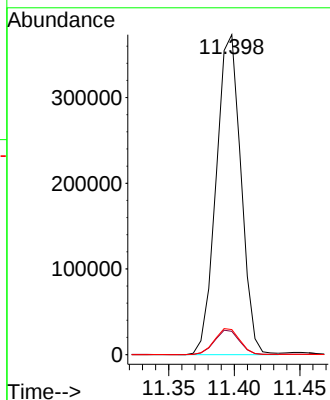
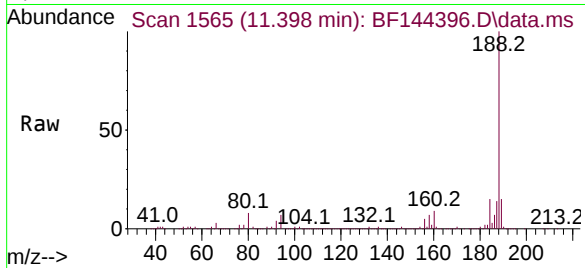




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144396.D
Acq: 01 Dec 2025 19:40

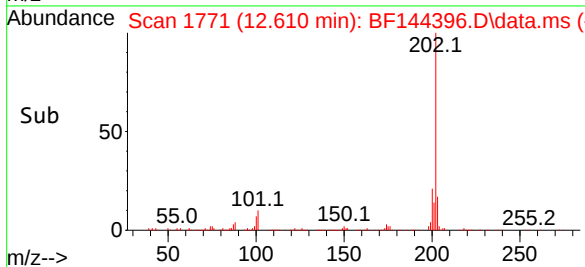
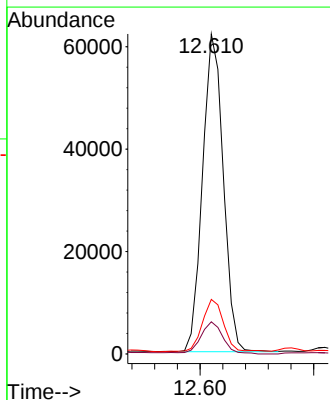
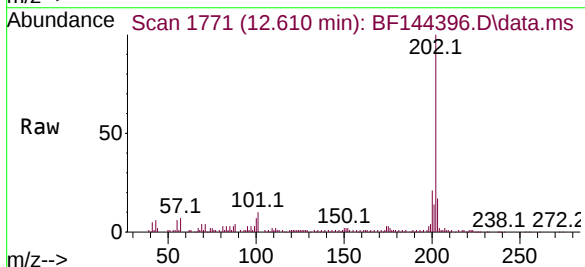
Instrument :
BNA_F
ClientSampleId :
SU-04-11-26-2025

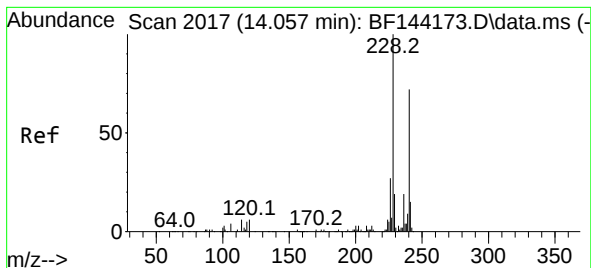
Tgt Ion:188 Resp: 491850
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 7.9 6.9 10.3



#75
Fluoranthene
Concen: 3.114 ng
RT: 12.610 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BF144396.D
Acq: 01 Dec 2025 19:40

Tgt Ion:202 Resp: 78783
Ion Ratio Lower Upper
202 100
101 10.0 0.0 27.9
203 17.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144396.D

Acq: 01 Dec 2025 19:40

Instrument :

BNA_F

ClientSampleId :

SU-04-11-26-2025

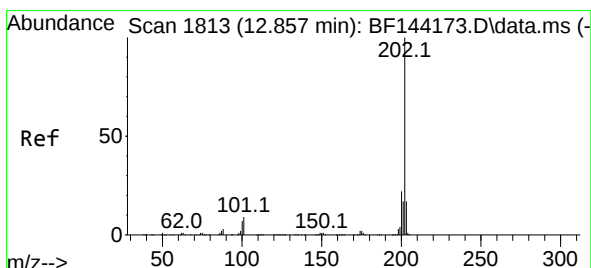
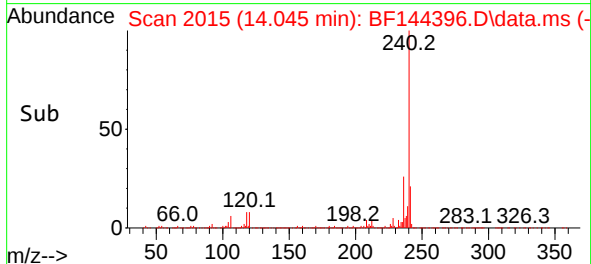
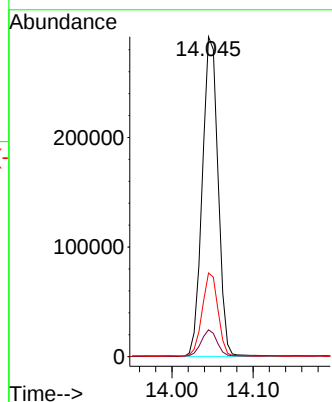
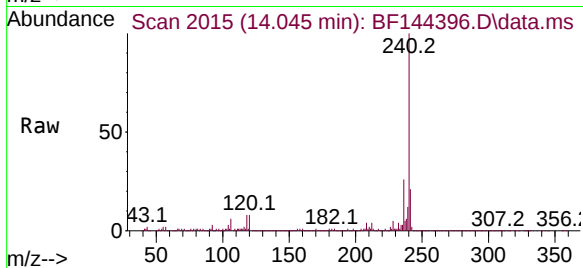
Tgt Ion:240 Resp: 394983

Ion Ratio Lower Upper

240 100

120 8.4 6.6 10.0

236 26.1 21.4 32.2



#78

Pyrene

Concen: 2.193 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144396.D

Acq: 01 Dec 2025 19:40

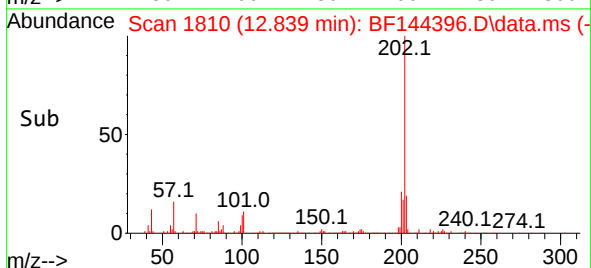
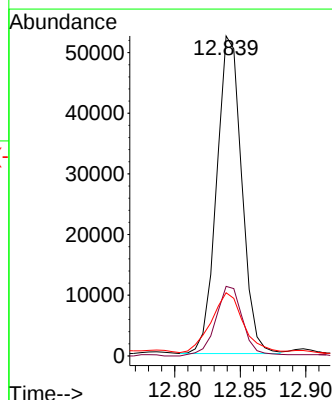
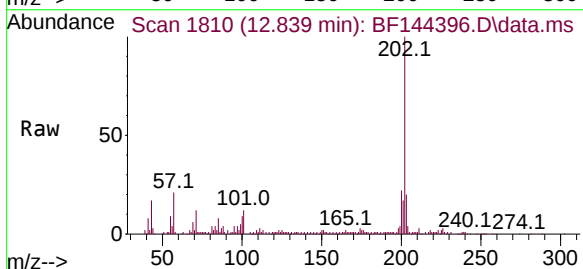
Tgt Ion:202 Resp: 69834

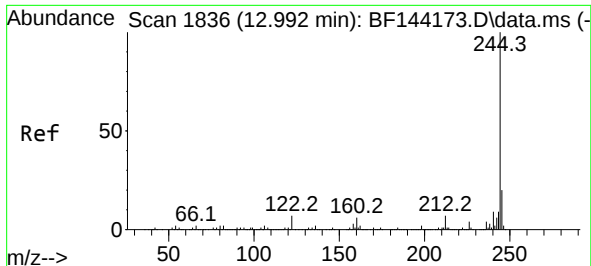
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 19.7 13.7 20.5

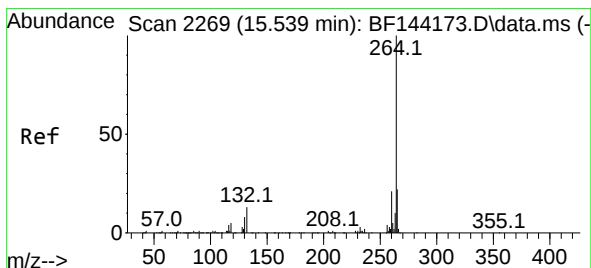
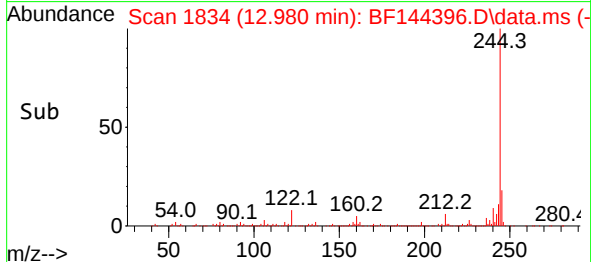
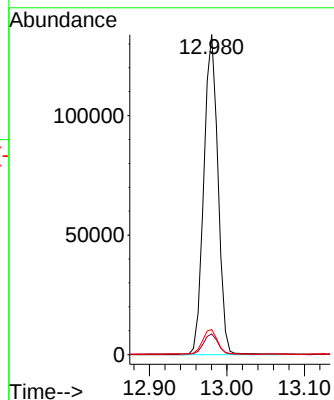
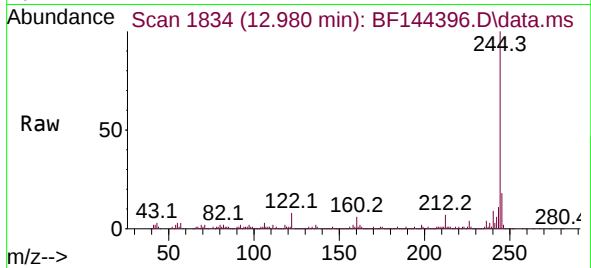




#79
 Terphenyl-d14
 Concen: 6.816 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144396.D
 Acq: 01 Dec 2025 19:40

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-11-26-2025

Tgt Ion:244 Resp: 169489
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 7.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144396.D
 Acq: 01 Dec 2025 19:40

Tgt Ion:264 Resp: 321431
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.1 25.7
 265 21.8 17.4 26.0

