

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
 Data File : BF144313.D
 Acq On : 21 Nov 2025 17:49
 Operator : RC/JU
 Sample : Q3699-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112025

Quant Time: Nov 21 22:03:56 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	61625	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	223419	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	116461	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	186741	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	148812	20.000	ng	-0.01
86) Perylene-d12	15.527	264	114530	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	311381	79.070	ng	0.00
7) Phenol-d6	6.498	99	368075	82.489	ng	0.00
23) Nitrobenzene-d5	7.428	82	222763	57.585	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	114756	78.522	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	456372	57.876	ng	0.00
79) Terphenyl-d14	12.980	244	449339	47.962	ng	-0.01

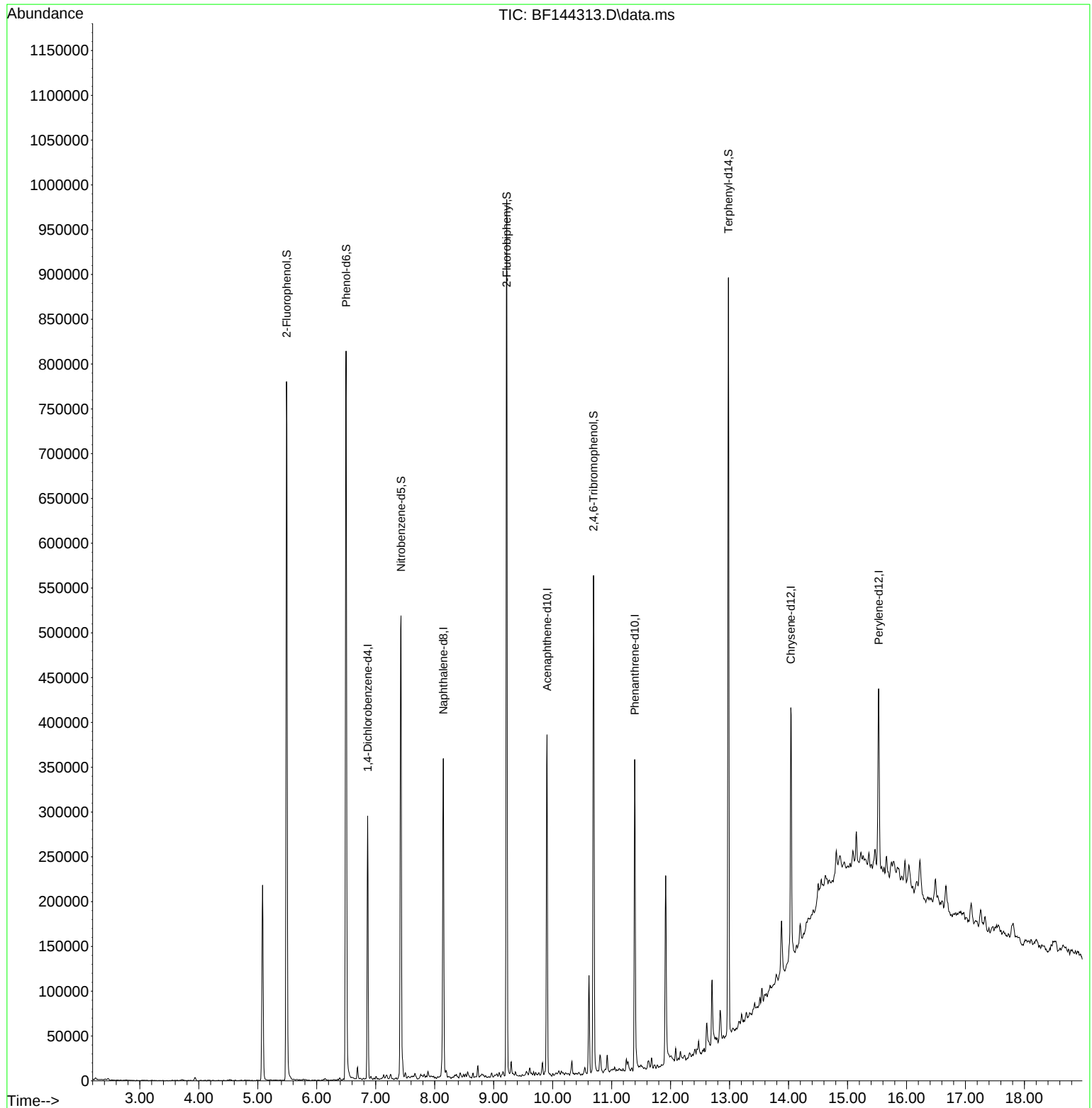
Target Compounds	Qvalue

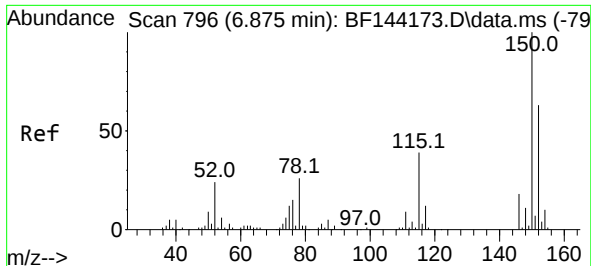
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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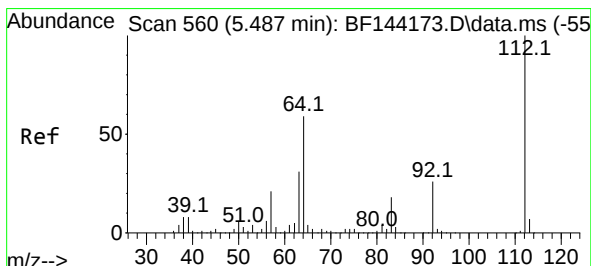
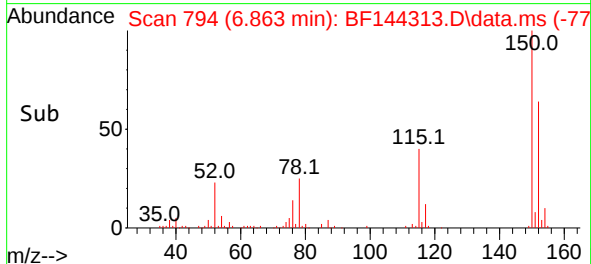
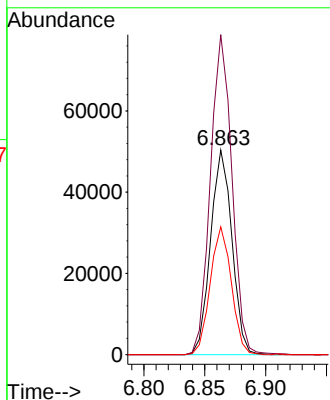
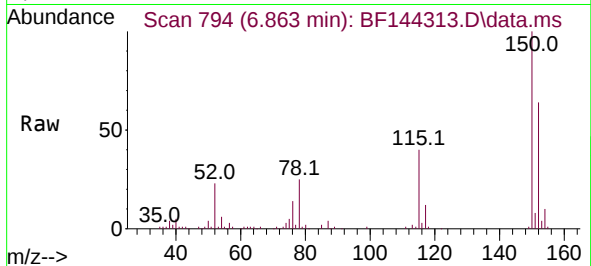




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144313.D
 Acq: 21 Nov 2025 17:49

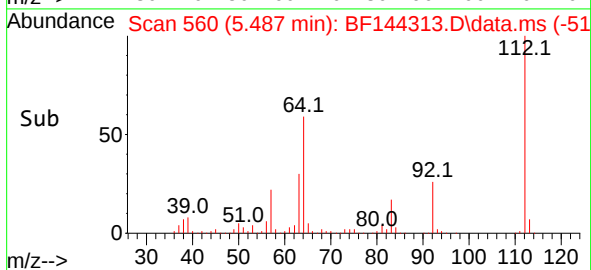
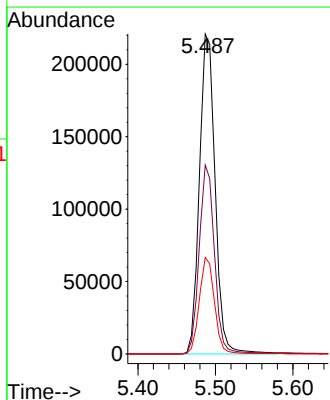
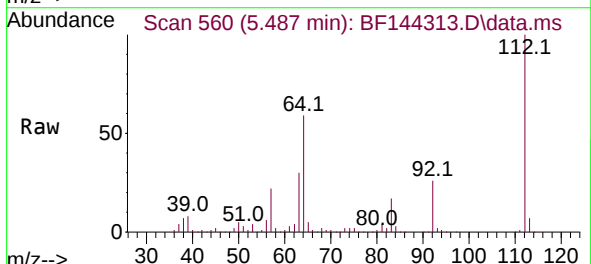
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112025

Tgt Ion:152 Resp: 61625
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.4 191.0
 115 62.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 79.070 ng
 RT: 5.487 min Scan# 560
 Delta R.T. -0.006 min
 Lab File: BF144313.D
 Acq: 21 Nov 2025 17:49

Tgt Ion:112 Resp: 311381
 Ion Ratio Lower Upper
 112 100
 64 59.0 47.2 70.8
 63 30.1 24.4 36.6

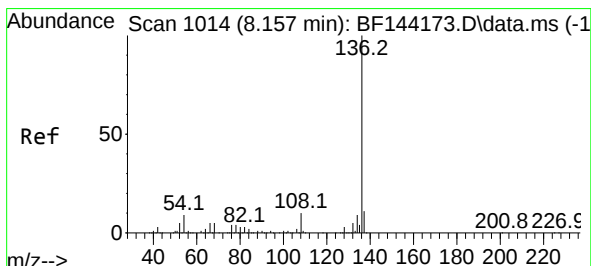
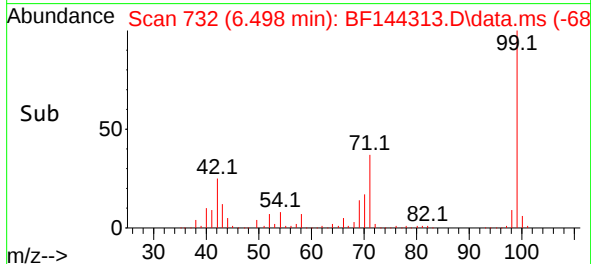
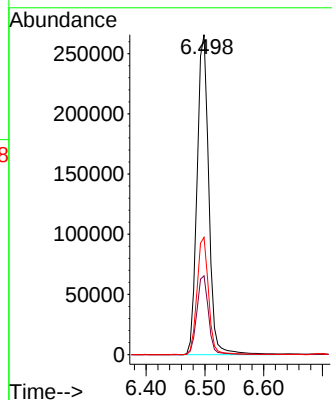
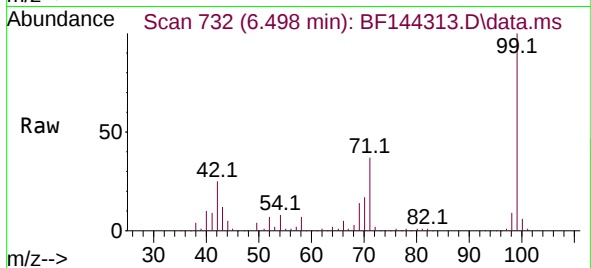




#7
Phenol-d6
Concen: 82.489 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144313.D
Acq: 21 Nov 2025 17:49

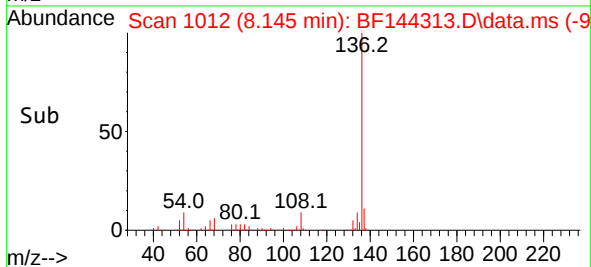
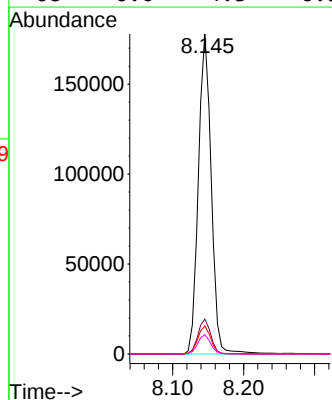
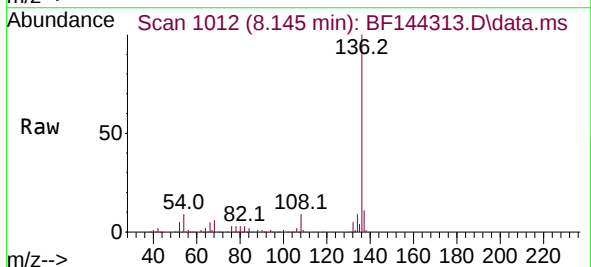
Instrument :
BNA_F
ClientSampleId :
TR-04-112025

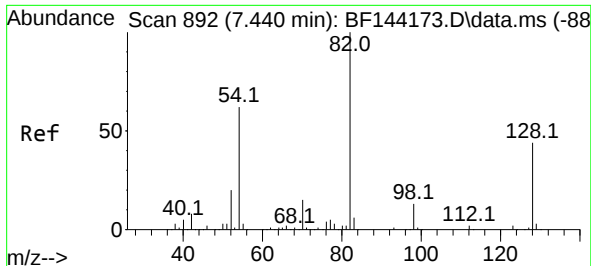
Tgt Ion: 99 Resp: 368075
Ion Ratio Lower Upper
99 100
42 24.6 20.9 31.3
71 36.6 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144313.D
Acq: 21 Nov 2025 17:49

Tgt Ion: 136 Resp: 223419
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.0 10.6
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 57.585 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144313.D

Acq: 21 Nov 2025 17:49

Instrument :

BNA_F

ClientSampleId :

TR-04-112025

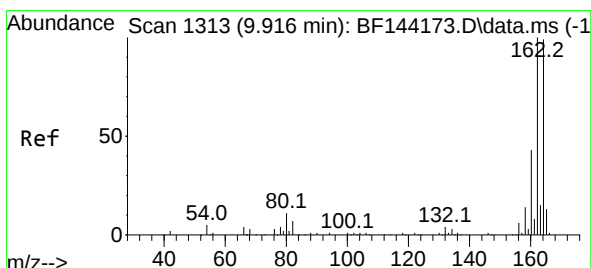
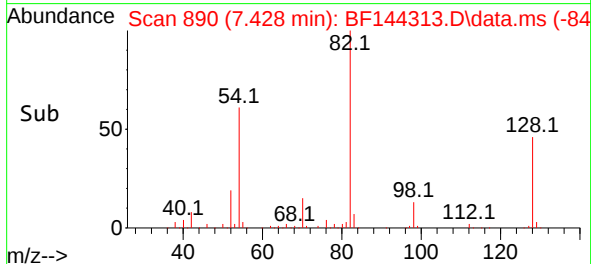
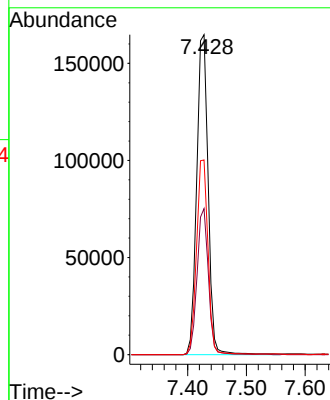
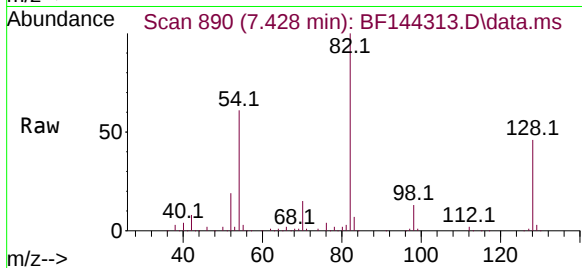
Tgt Ion: 82 Resp: 222763

Ion Ratio Lower Upper

82 100

128 45.6 34.7 52.1

54 60.8 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: BF144313.D

Acq: 21 Nov 2025 17:49

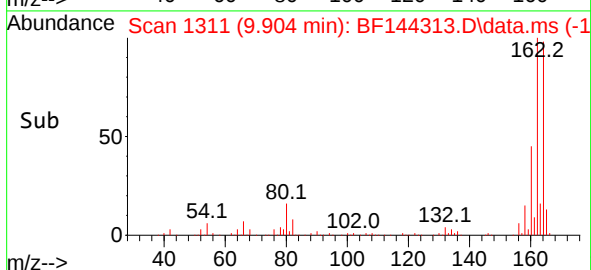
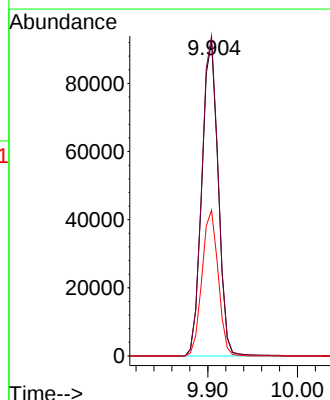
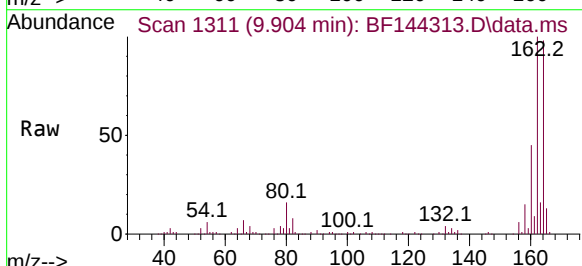
Tgt Ion:164 Resp: 116461

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

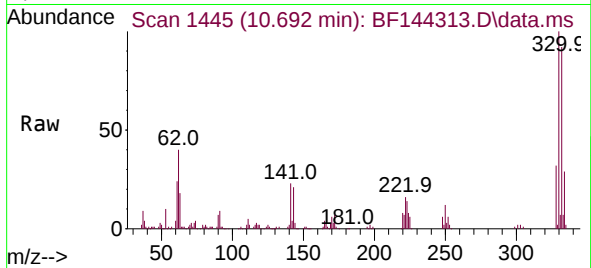
160 46.2 34.5 51.7



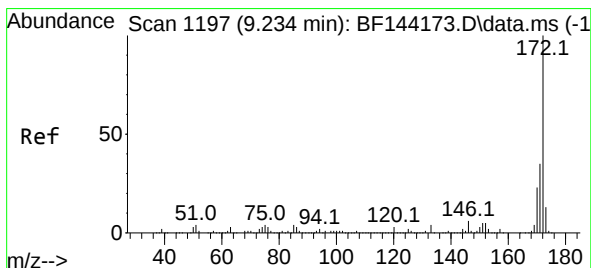
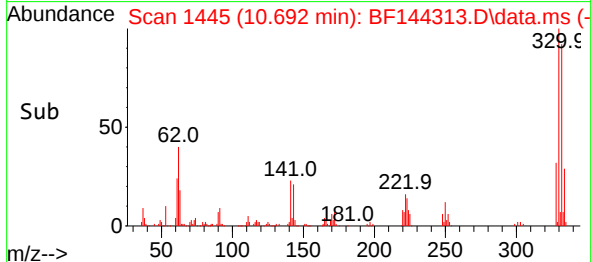
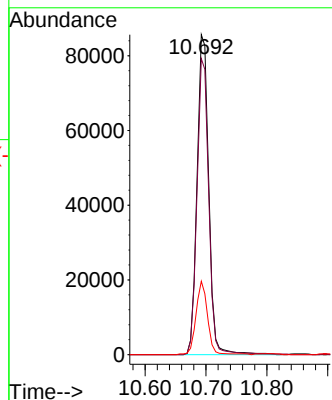


#42
2,4,6-Tribromophenol
Concen: 78.522 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144313.D
Acq: 21 Nov 2025 17:49

Instrument :
BNA_F
ClientSampleId :
TR-04-112025

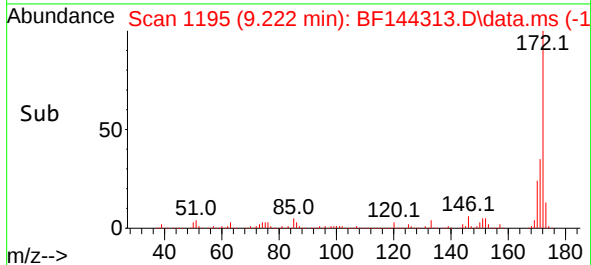
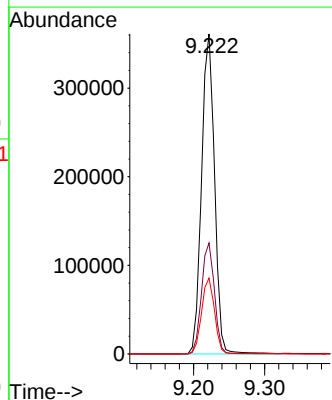
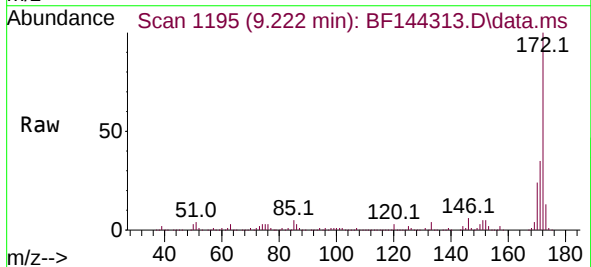


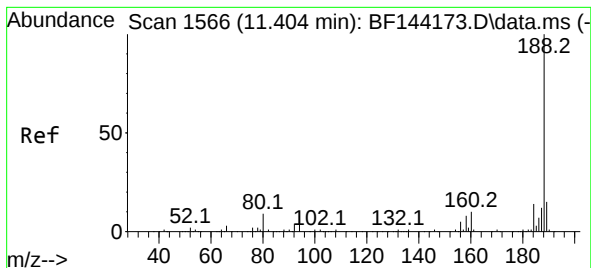
Tgt Ion: 330 Resp: 114756
Ion Ratio Lower Upper
330 100
332 92.6 76.7 115.1
141 22.4 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 57.876 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144313.D
Acq: 21 Nov 2025 17:49

Tgt Ion: 172 Resp: 456372
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.7 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144313.D

Acq: 21 Nov 2025 17:49

Instrument :

BNA_F

ClientSampleId :

TR-04-112025

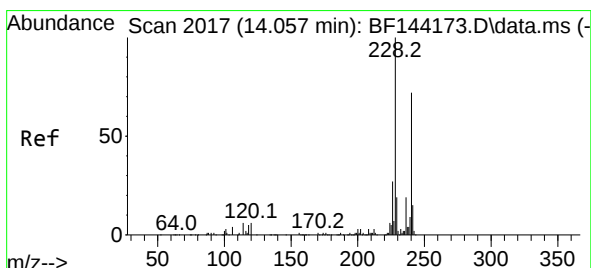
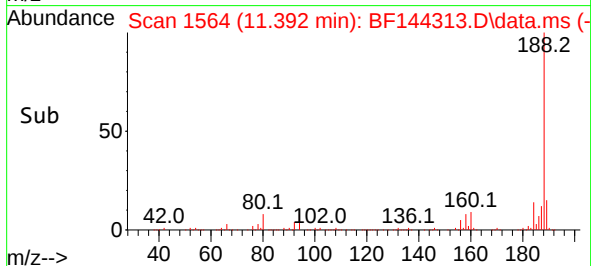
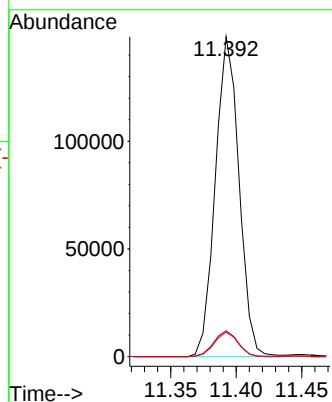
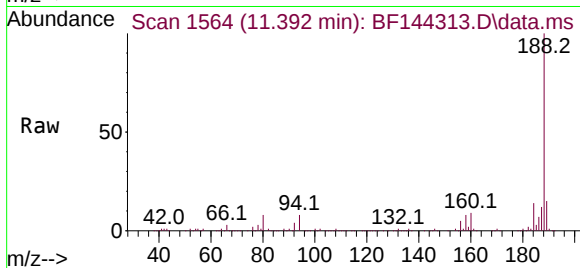
Tgt Ion:188 Resp: 186741

Ion Ratio Lower Upper

188 100

94 8.1 6.2 9.2

80 7.6 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144313.D

Acq: 21 Nov 2025 17:49

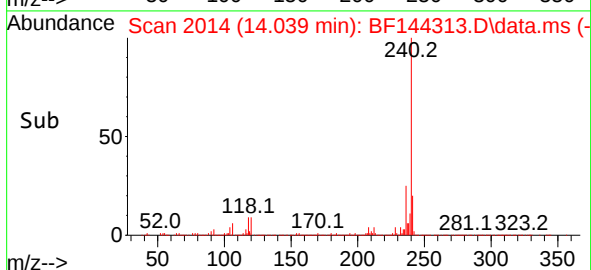
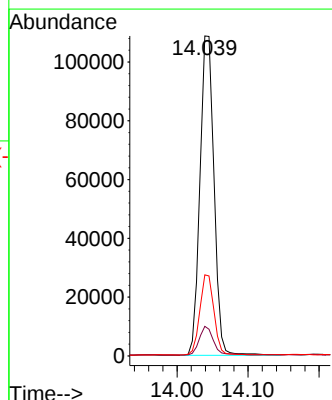
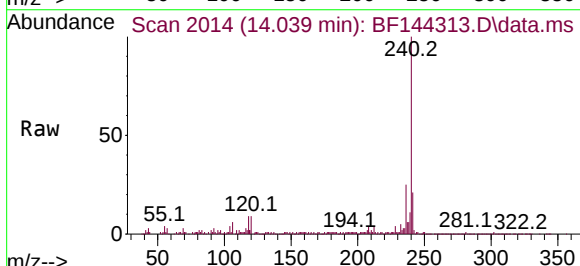
Tgt Ion:240 Resp: 148812

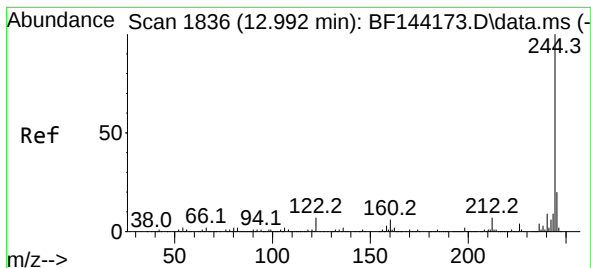
Ion Ratio Lower Upper

240 100

120 9.2 6.6 10.0

236 25.3 21.4 32.2





#79

Terphenyl-d14

Concen: 47.962 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144313.D

Acq: 21 Nov 2025 17:49

Instrument :

BNA_F

ClientSampleId :

TR-04-112025

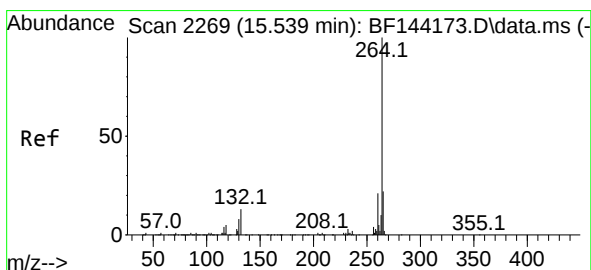
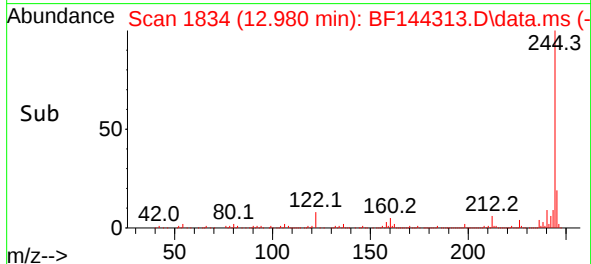
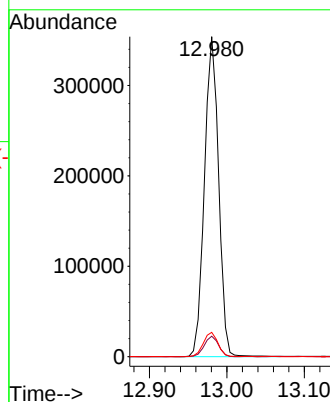
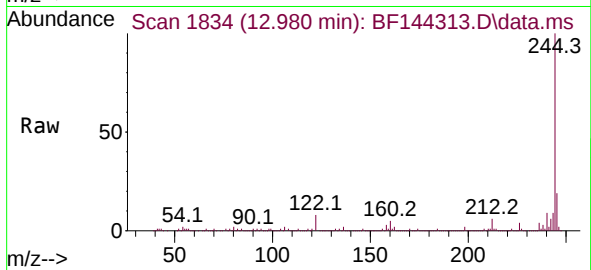
Tgt Ion:244 Resp: 449339

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 7.6 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144313.D

Acq: 21 Nov 2025 17:49

Tgt Ion:264 Resp: 114530

Ion Ratio Lower Upper

264 100

260 21.8 17.1 25.7

265 20.8 17.4 26.0

