

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142632.D
 Acq On : 05 Jun 2025 14:07
 Operator : RC/JU
 Sample : Q2194-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 05 14:37:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

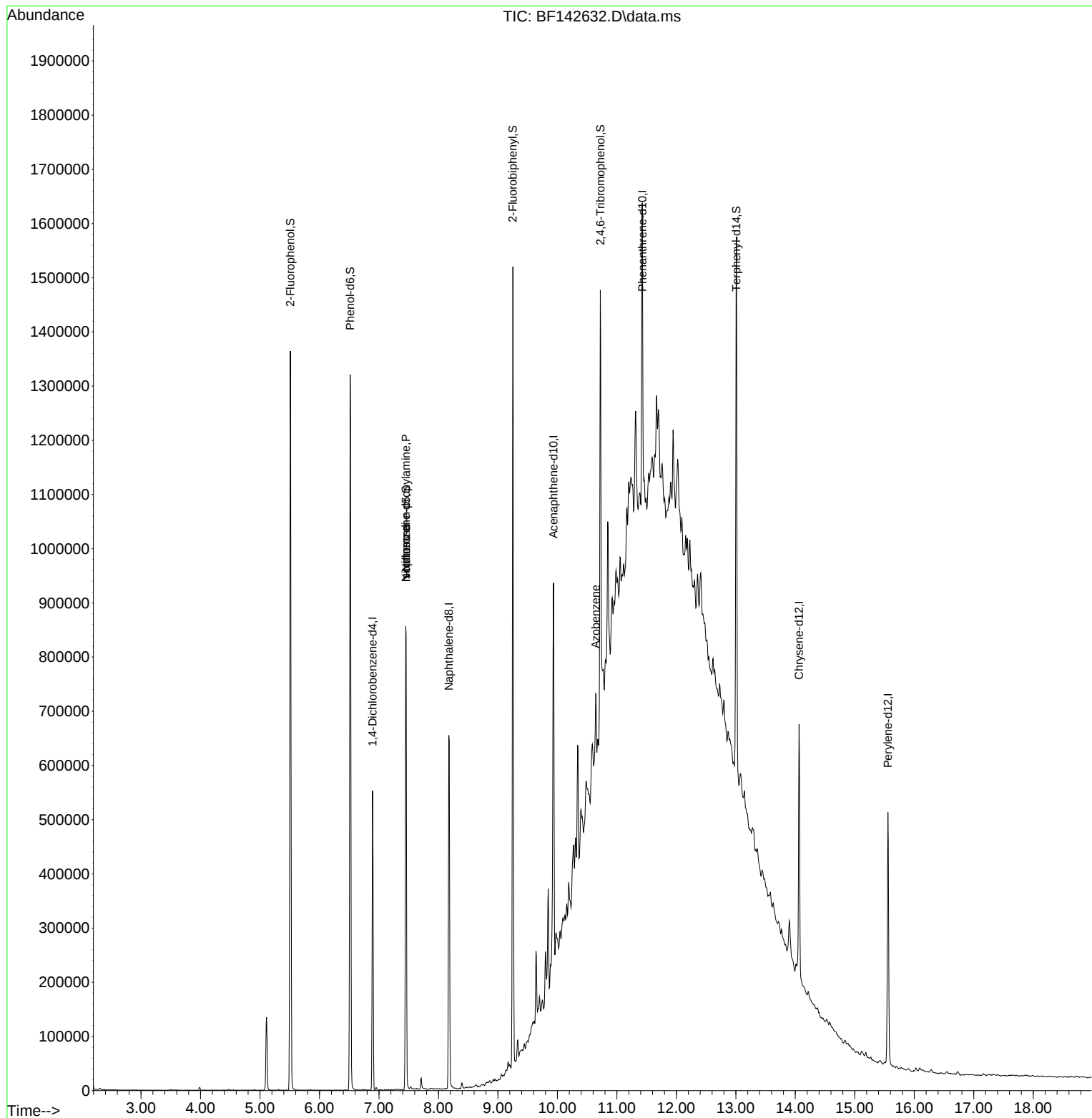
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	119302	20.000	ng	-0.01
21) Naphthalene-d8	8.175	136	439519	20.000	ng	-0.01
39) Acenaphthene-d10	9.934	164	204205	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	288478	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	235800	20.000	ng	-0.01
86) Perylene-d12	15.557	264	272417	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	529128	74.722	ng	0.00
7) Phenol-d6	6.516	99	628728	73.758	ng	-0.02
23) Nitrobenzene-d5	7.451	82	376069	46.657	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	148437	65.494	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	653368	42.934	ng	-0.02
79) Terphenyl-d14	13.010	244	495708	28.728	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	49388	9.349	ng	# 77
25) Isophorone	7.451	82	366869	27.223	ng	# 63
63) Azobenzene	10.645	77	29430	2.490	ng	# 1

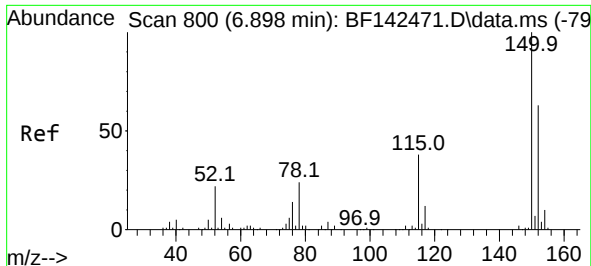
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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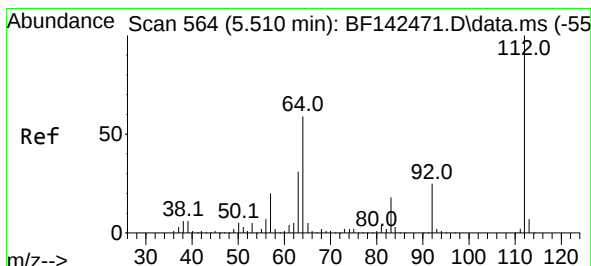
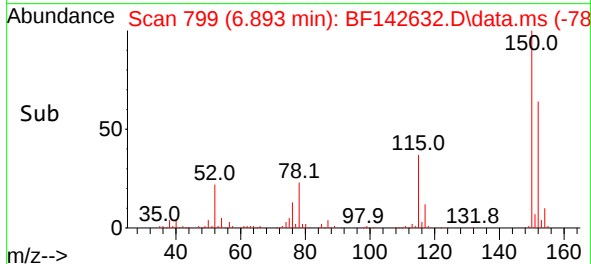
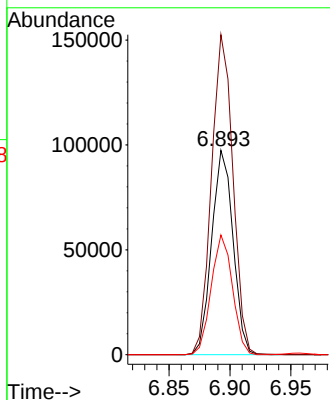
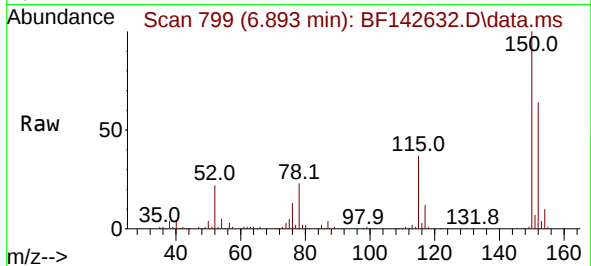




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

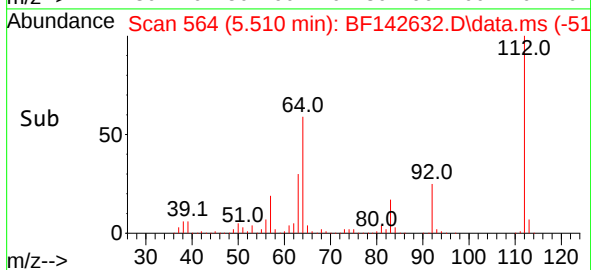
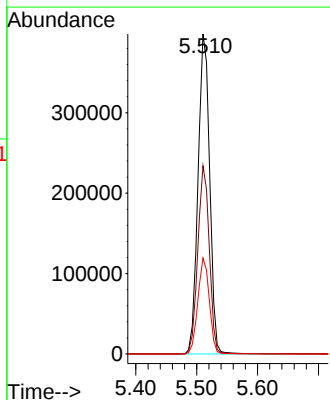
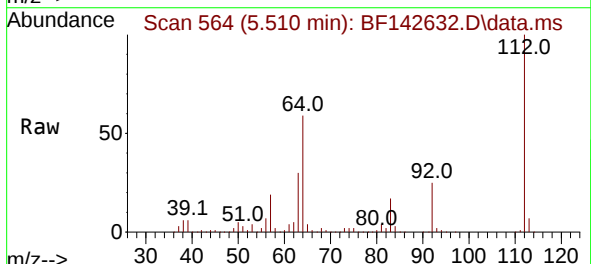
Instrument :
BNA_F
ClientSampleId :

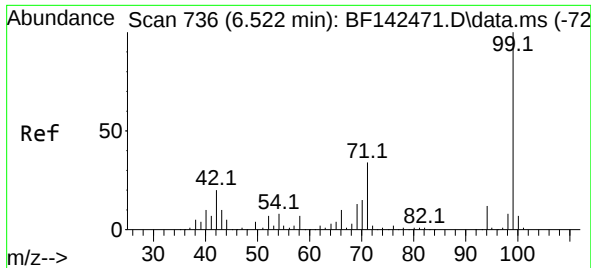
Tgt Ion:152 Resp: 119302
Ion Ratio Lower Upper
152 100
150 156.6 128.2 192.4
115 58.6 48.3 72.5



#5
2-Fluorophenol
Concen: 74.722 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion:112 Resp: 529128
Ion Ratio Lower Upper
112 100
64 58.8 47.5 71.3
63 29.9 24.9 37.3

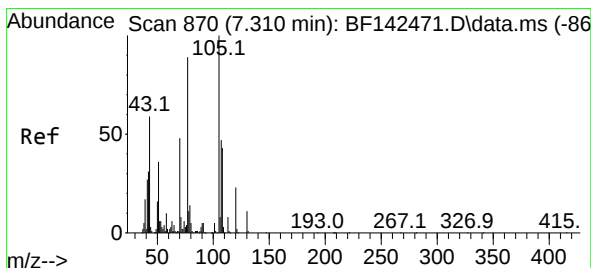
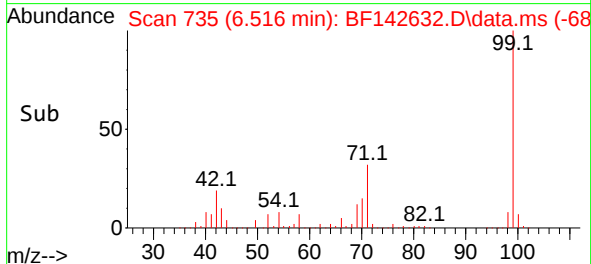
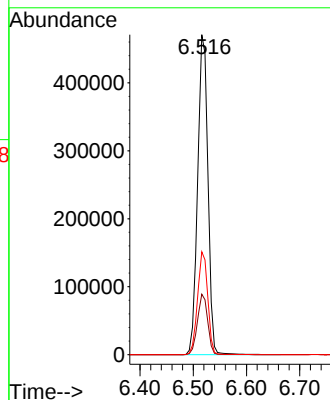
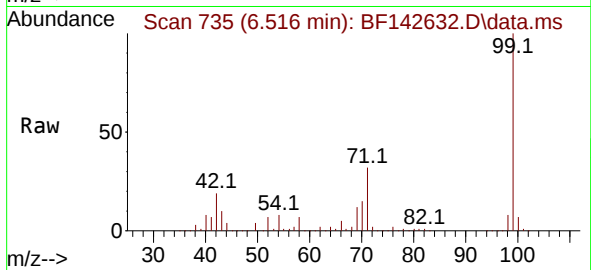




#7
Phenol-d6
Concen: 73.758 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

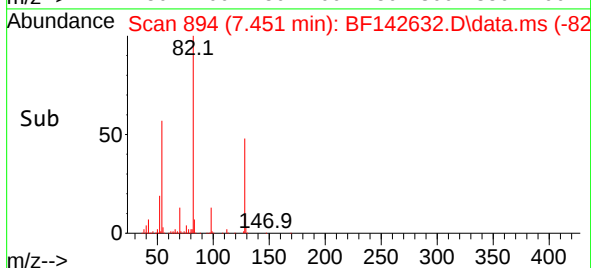
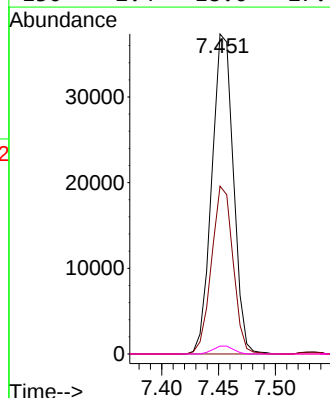
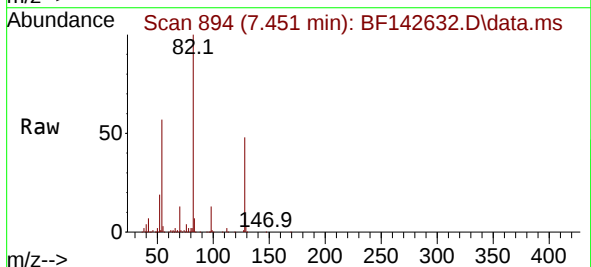
Instrument :
BNA_F
ClientSampleId :

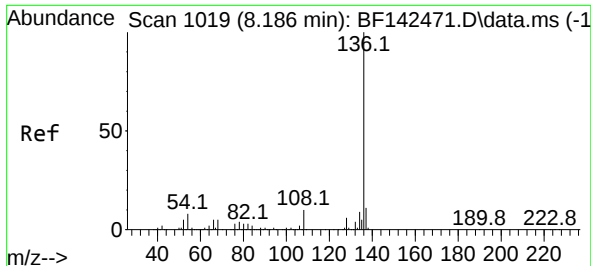
Tgt Ion: 99 Resp: 628728
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.2
71 32.1 27.3 40.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.349 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.124 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion: 70 Resp: 49388
Ion Ratio Lower Upper
70 100
42 52.5 52.4 78.6
101 0.0 7.8 11.8#
130 2.4 18.0 27.0#



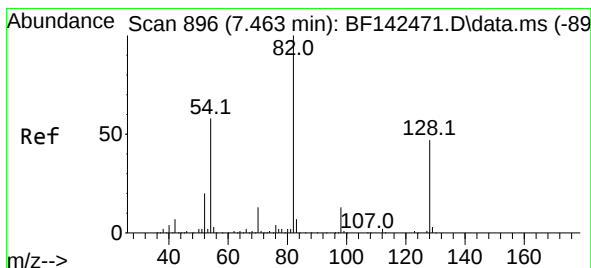
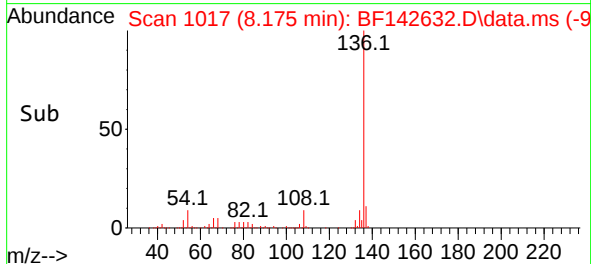
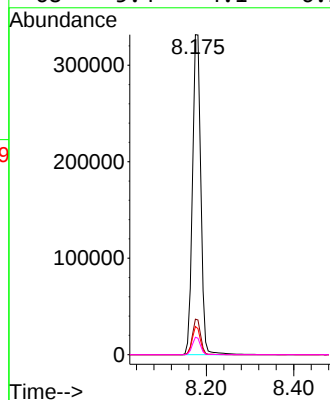
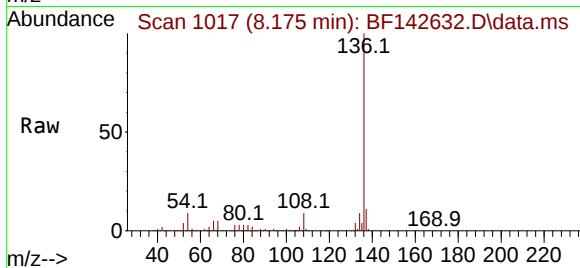


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 439519

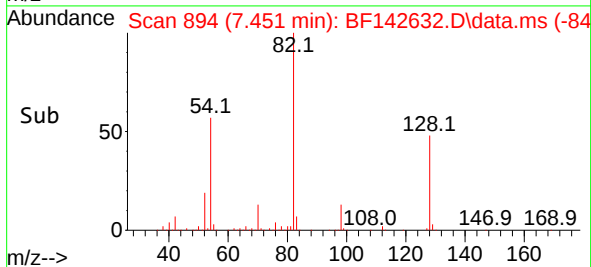
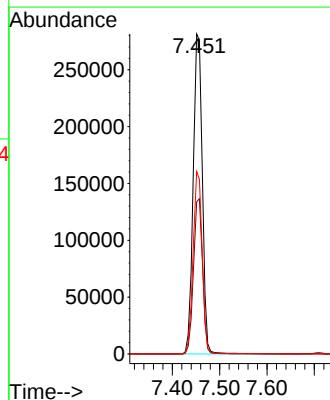
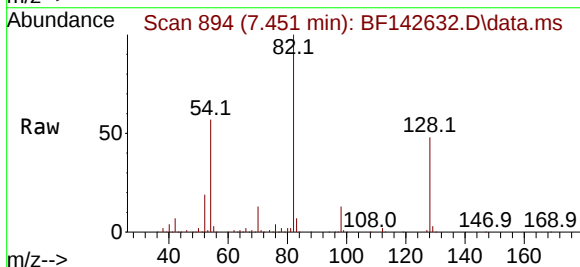
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.8	6.6	10.0
68	5.4	4.1	6.1

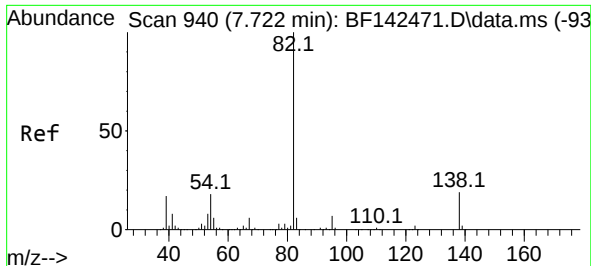


#23
Nitrobenzene-d5
Concen: 46.657 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.023 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion: 82 Resp: 376069

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.2
54	57.0	46.6	70.0

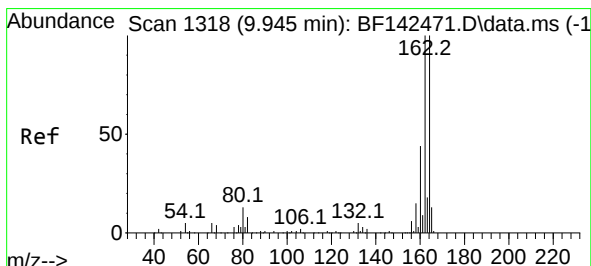
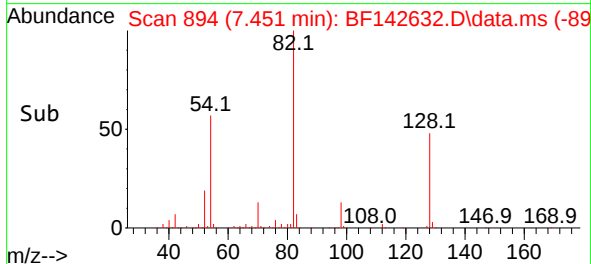
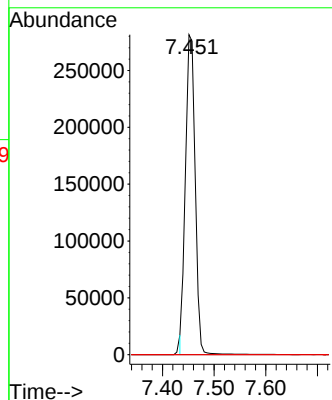
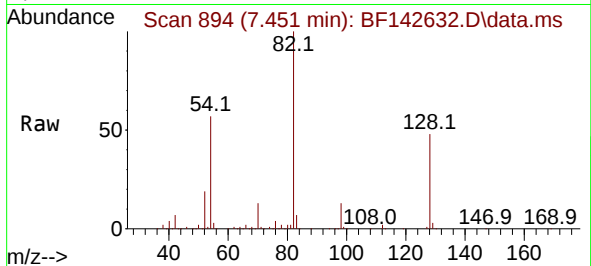




#25
Isophorone
Concen: 27.223 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.282 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

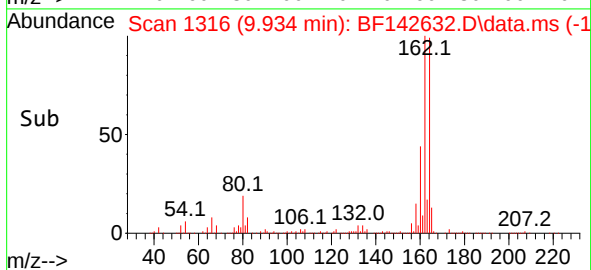
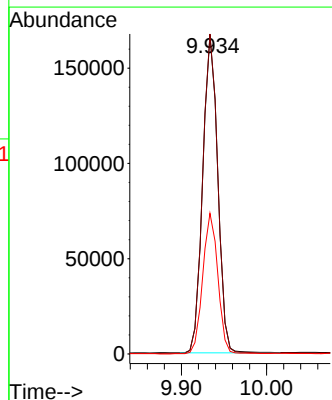
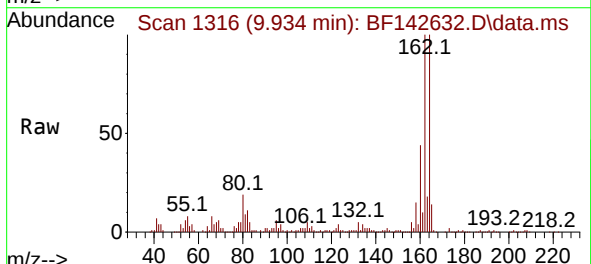
Instrument :
BNA_F
ClientSampleId :

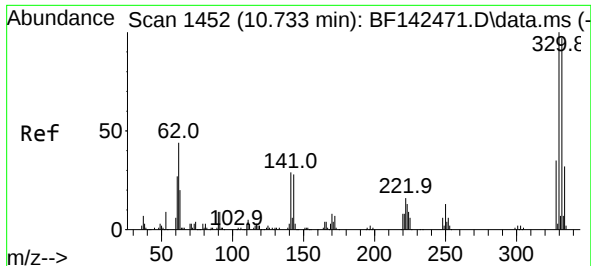
Tgt Ion: 82 Resp: 366869
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.5 23.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

Tgt Ion:164 Resp: 204205
Ion Ratio Lower Upper
164 100
162 100.4 80.2 120.4
160 44.1 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 65.494 ng

RT: 10.722 min Scan# 14

Delta R.T. -0.017 min

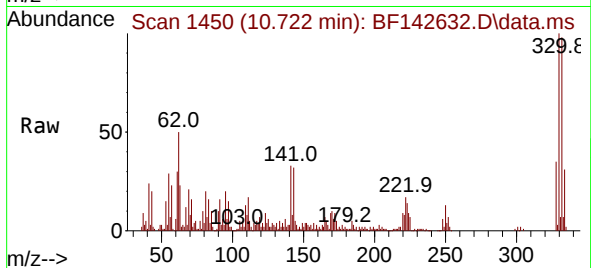
Lab File: BF142632.D

Acq: 05 Jun 2025 14:07

Instrument :

BNA_F

ClientSampleId :



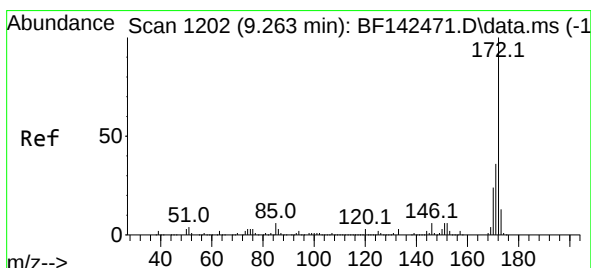
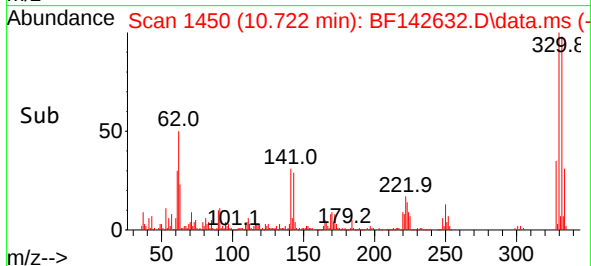
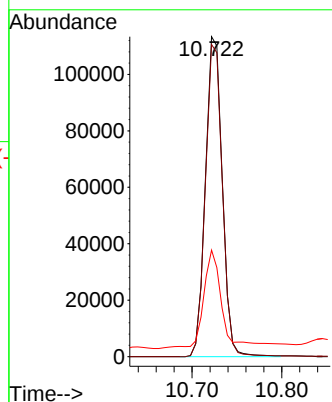
Tgt Ion:330 Resp: 148437

Ion Ratio Lower Upper

330 100

332 98.3 77.6 116.4

141 35.6 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 42.934 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.017 min

Lab File: BF142632.D

Acq: 05 Jun 2025 14:07

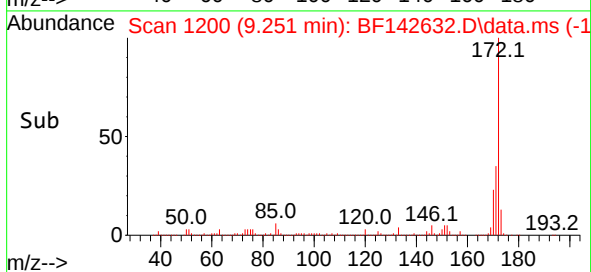
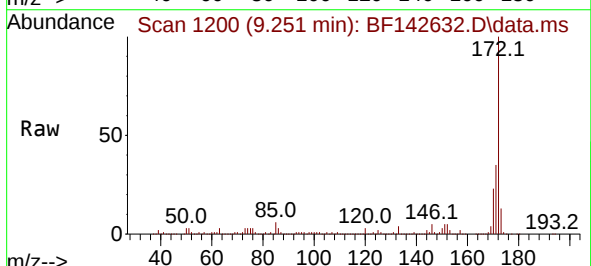
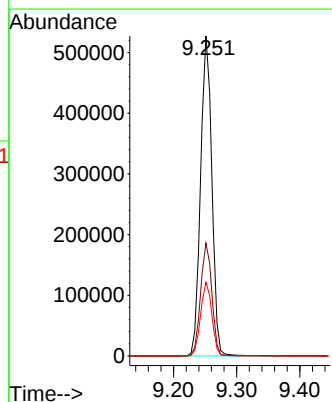
Tgt Ion:172 Resp: 653368

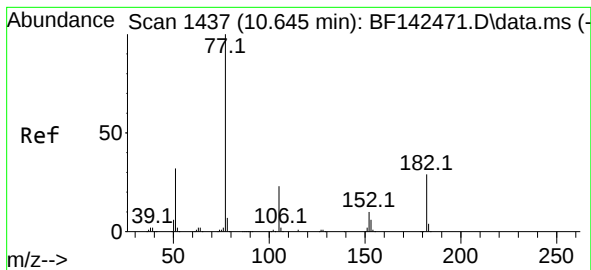
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.0 18.9 28.3

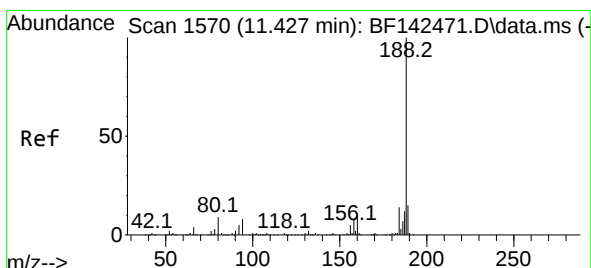
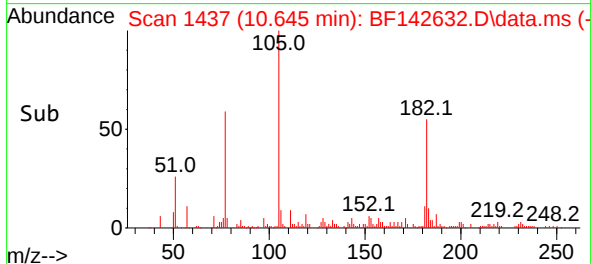
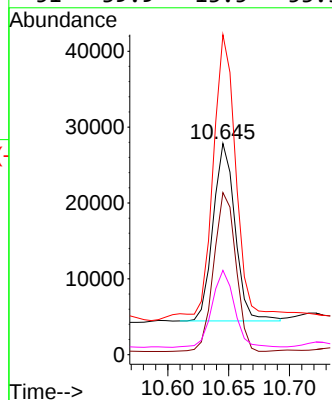
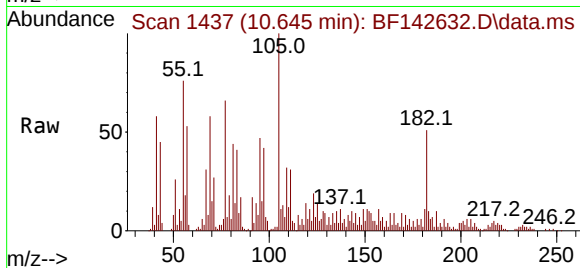




#63
 Azobenzene
 Concen: 2.490 ng
 RT: 10.645 min Scan# 1437
 Delta R.T. 0.000 min
 Lab File: BF142632.D
 Acq: 05 Jun 2025 14:07

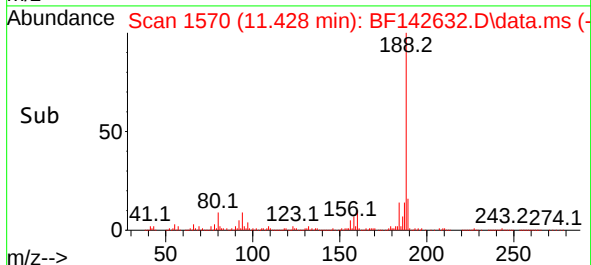
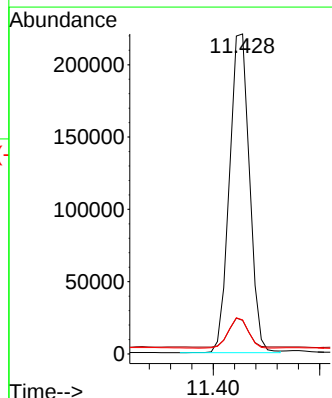
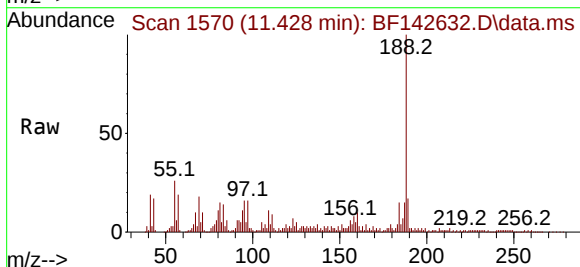
Instrument :
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 ClientSampleId :

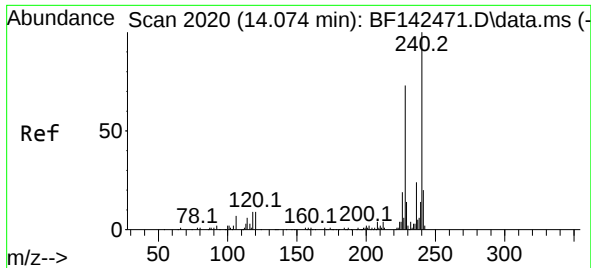
Tgt Ion: 77	Resp:	29430
Ion Ratio	Lower	Upper
77	100	
182	76.7	9.0 49.0#
105	151.6	2.4 42.4#
51	39.9	13.5 53.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.428 min Scan# 1570
 Delta R.T. -0.006 min
 Lab File: BF142632.D
 Acq: 05 Jun 2025 14:07

Tgt Ion: 188	Resp:	288478
Ion Ratio	Lower	Upper
188	100	
94	10.5	6.6 10.0#
80	10.7	7.4 11.0

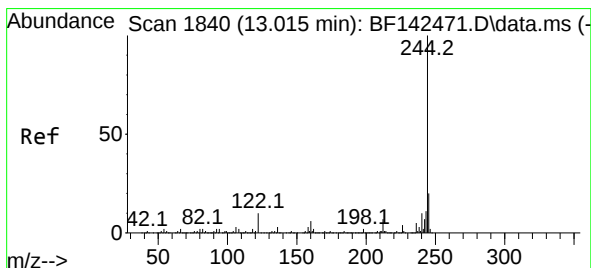
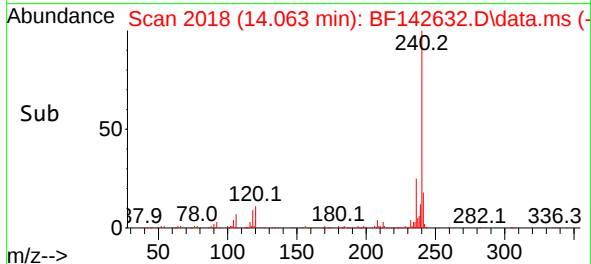
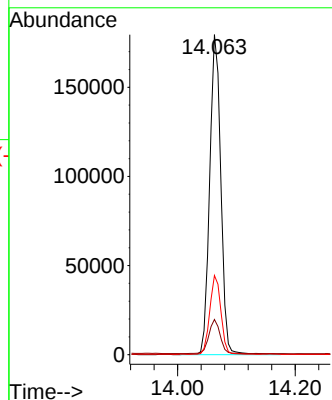
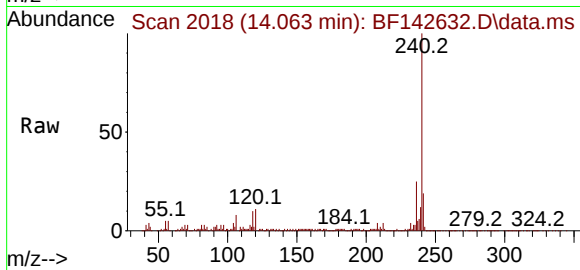




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

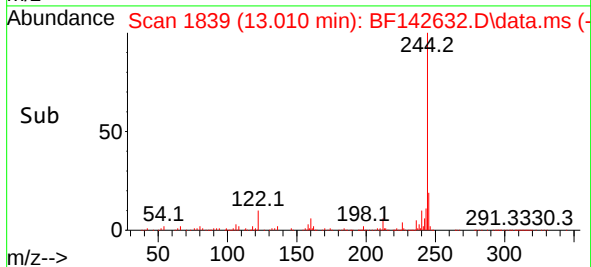
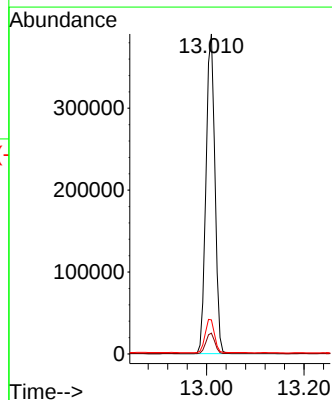
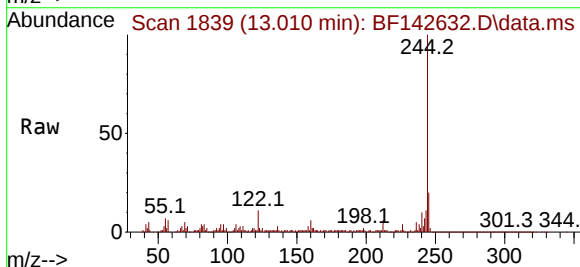
Instrument :
BNA_F
ClientSampleId :

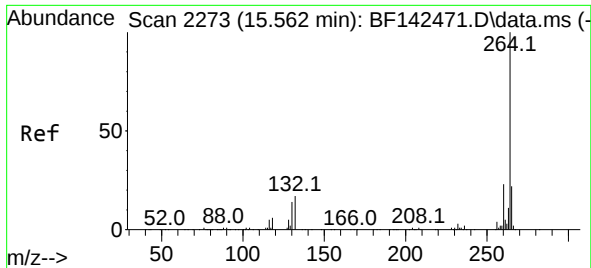
Tgt Ion:240 Resp: 235800
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 24.7 19.6 29.4



#79
Terphenyl-d14
Concen: 28.728 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142632.D
Acq: 05 Jun 2025 14:07

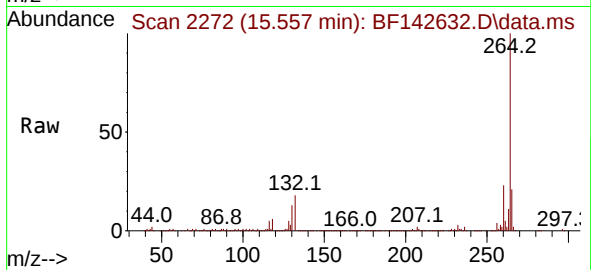
Tgt Ion:244 Resp: 495708
Ion Ratio Lower Upper
244 100
212 6.5 5.3 7.9
122 10.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142632.D
 Acq: 05 Jun 2025 14:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 272417
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.0 17.7 26.5

