

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142732.D
 Acq On : 11 Jun 2025 13:52
 Operator : RC/JU
 Sample : Q2264-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 14:38:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

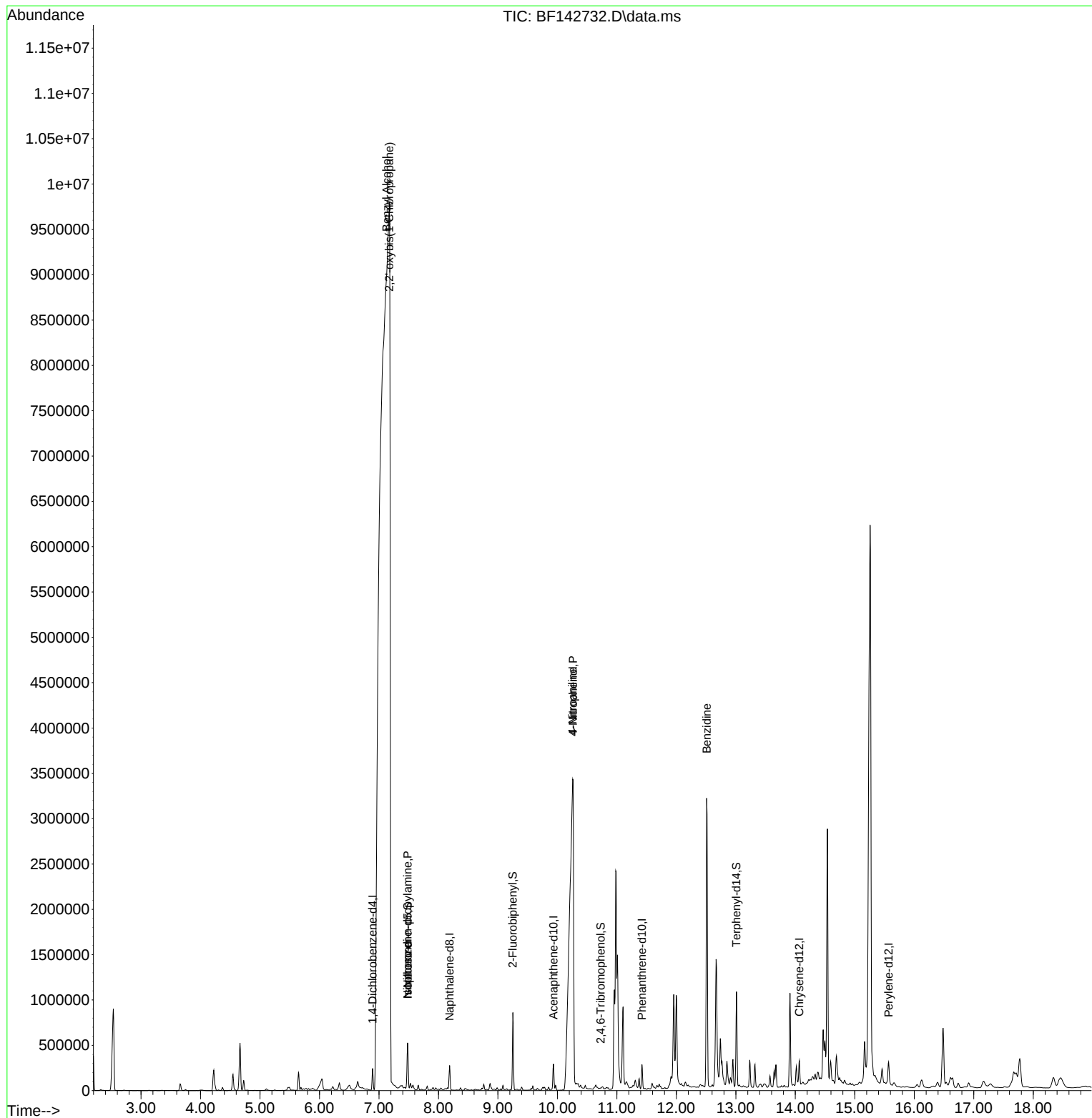
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	50296	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	171492	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	83162	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	135918	20.000	ng	0.00
76) Chrysene-d12	14.068	240	136838	20.000	ng	0.00
86) Perylene-d12	15.568	264	151313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	2329	0.789	ng	0.04
7) Phenol-d6	6.604	99	1270	0.365	ng	0.08
23) Nitrobenzene-d5	7.481	82	212316	67.756	ng	0.02
42) 2,4,6-Tribromophenol	10.727	330	1904	2.089	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	375332	59.961	ng	0.00
79) Terphenyl-d14	13.010	244	514144	51.605	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.128	79	69554	26.479	ng	# 32
16) 2,2'-oxybis(1-Chloropr...	7.175	45	529881	116.638	ng	# 89
19) n-Nitroso-di-n-propyla...	7.481	70	28263	12.774	ng	# 80
25) Isophorone	7.481	82	212316	40.018	ng	# 63
56) 4-Nitrophenol	10.263	139	16823	19.053	ng	# 63
62) 4-Nitroaniline	10.257	138	40886	35.106	ng	# 26
77) Benzidine	12.510	184	34751	7.131	ng	# 1

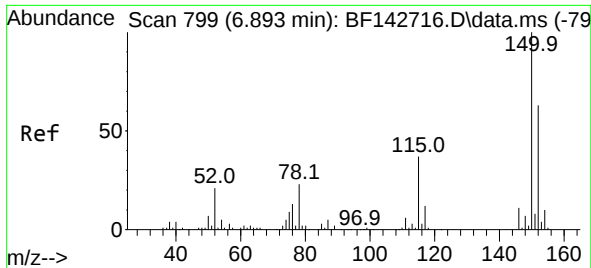
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142732.D
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Operator : RC/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

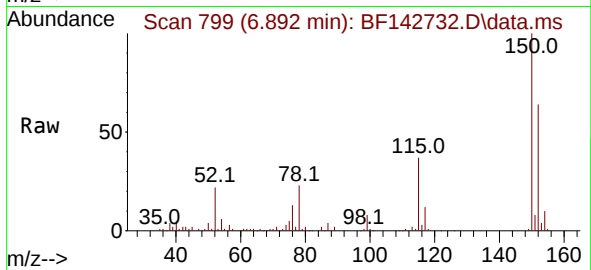
Quant Time: Jun 11 14:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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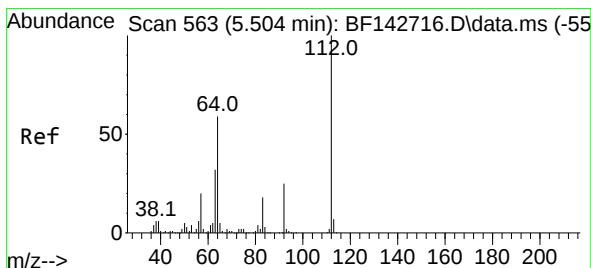
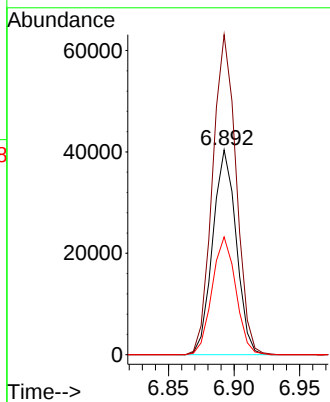
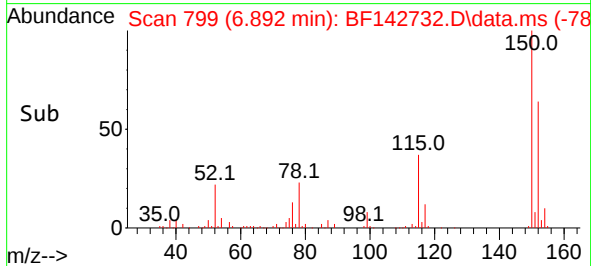


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :

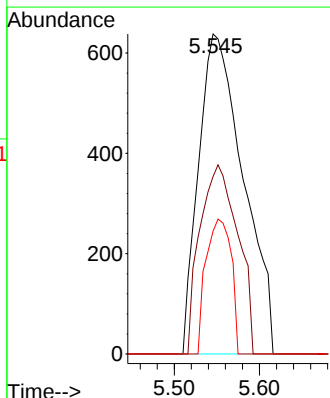
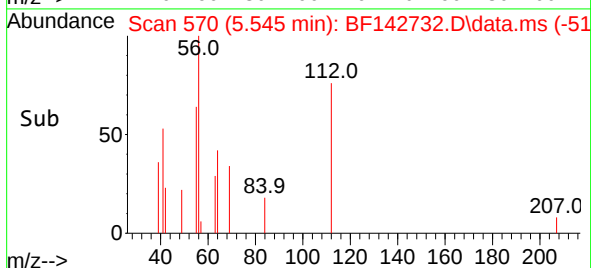
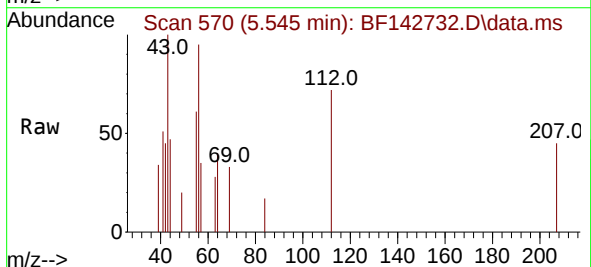


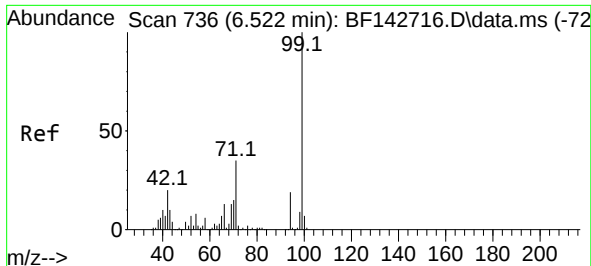
Tgt Ion:152 Resp: 50296
Ion Ratio Lower Upper
152 100
150 156.2 126.9 190.3
115 57.5 47.0 70.6



#5
2-Fluorophenol
Concen: 0.789 ng
RT: 5.545 min Scan# 570
Delta R.T. 0.041 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:112 Resp: 2329
Ion Ratio Lower Upper
112 100
64 55.5 47.4 71.2
63 38.4 25.4 38.0#

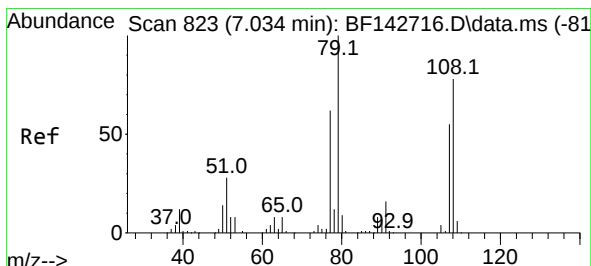
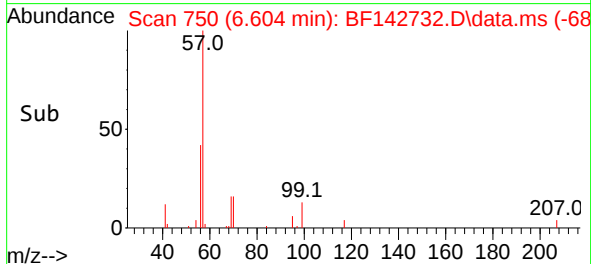
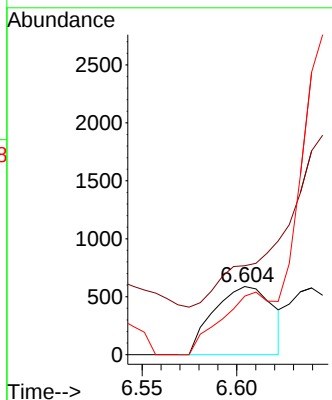
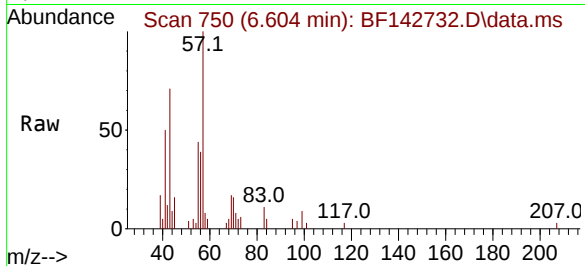




#7
Phenol-d6
Concen: 0.365 ng
RT: 6.604 min Scan# 71
Delta R.T. 0.082 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

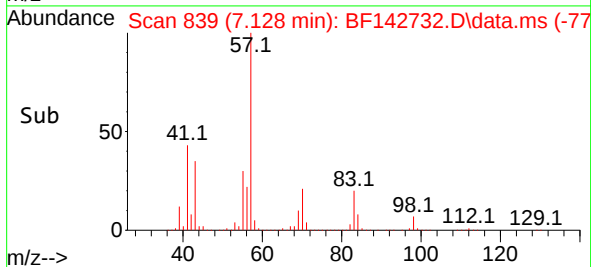
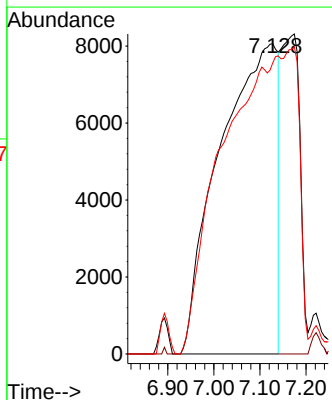
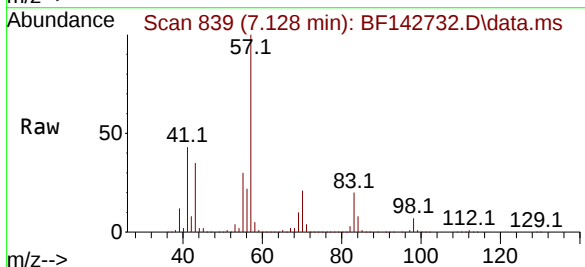
Instrument :
BNA_F
ClientSampleId :

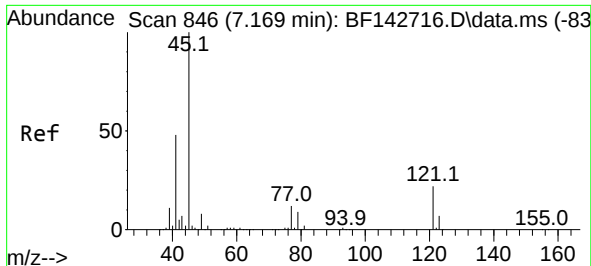
Tgt Ion: 99 Resp: 1270
Ion Ratio Lower Upper
99 100
42 130.4 15.9 23.9#
71 85.9 28.0 42.0#



#15
Benzyl Alcohol
Concen: 26.479 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.094 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion: 79 Resp: 69554
Ion Ratio Lower Upper
79 100
108 0.0 62.6 94.0#
77 93.8 49.8 74.8#

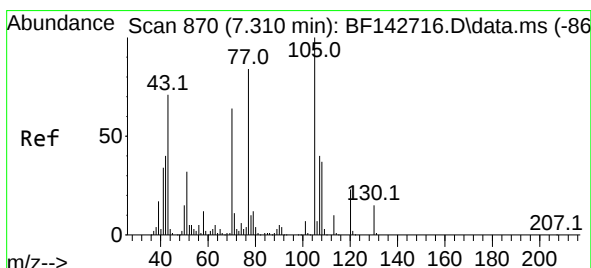
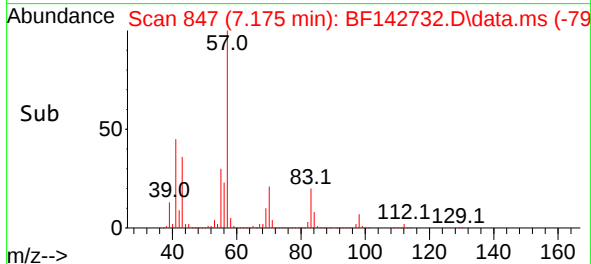
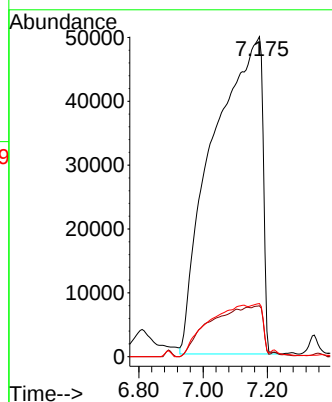
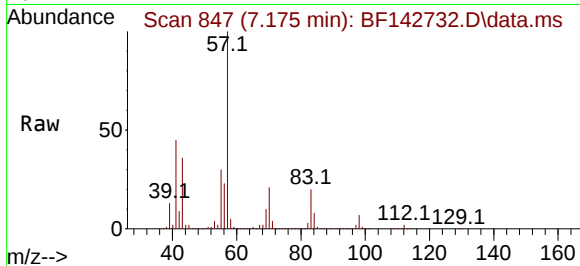




#16
2,2'-oxybis(1-Chloropropane)
Concen: 116.638 ng
RT: 7.175 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

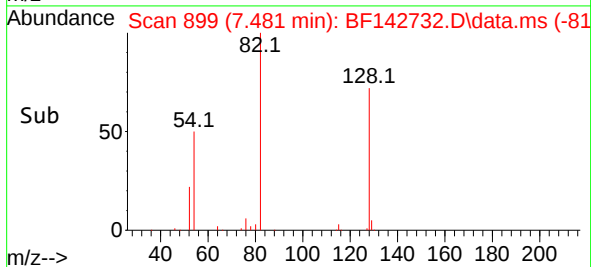
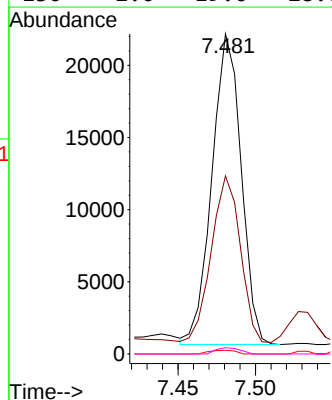
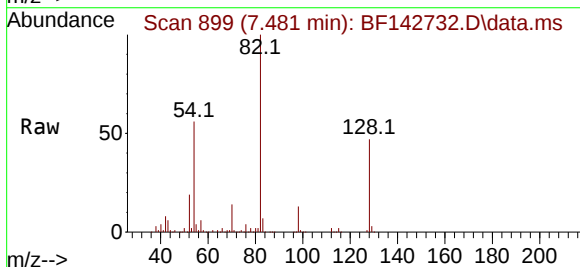
Instrument :
BNA_F
ClientSampleId :

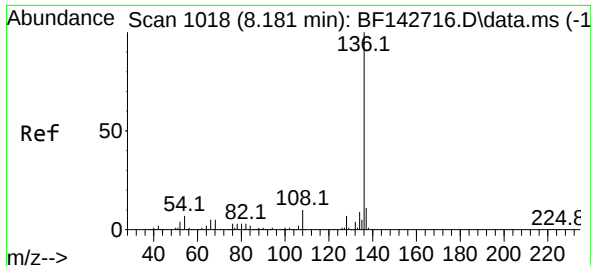
Tgt Ion: 45 Resp: 529881
Ion Ratio Lower Upper
45 100
77 15.9 0.0 33.1
79 16.6 0.0 30.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.774 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.170 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion: 70 Resp: 28263
Ion Ratio Lower Upper
70 100
42 55.7 50.2 75.4
101 1.2 8.3 12.5#
130 2.0 19.0 28.6#



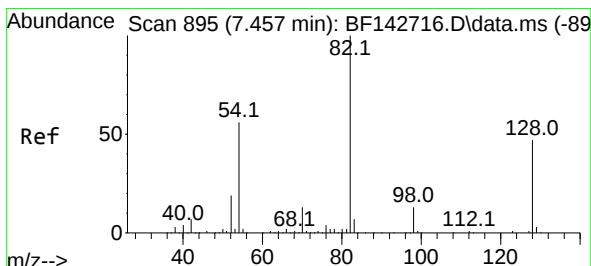
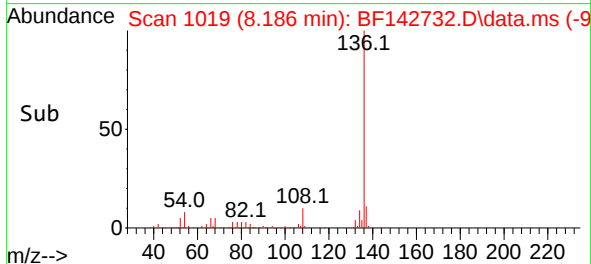
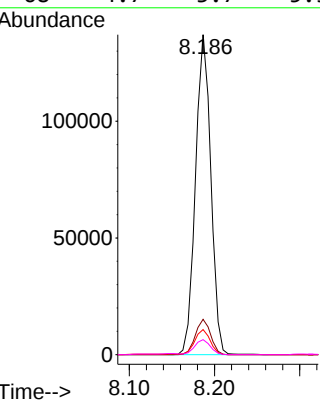
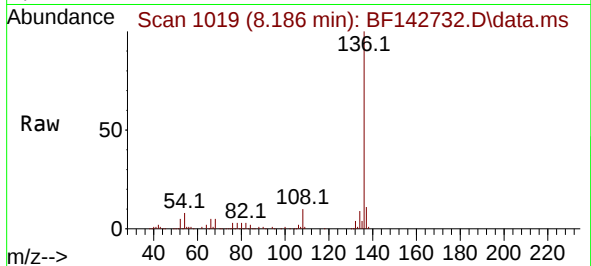


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1018
Delta R.T. 0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 171492

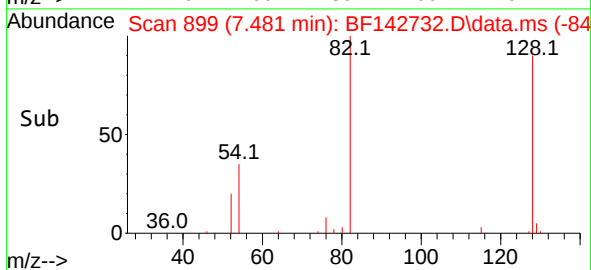
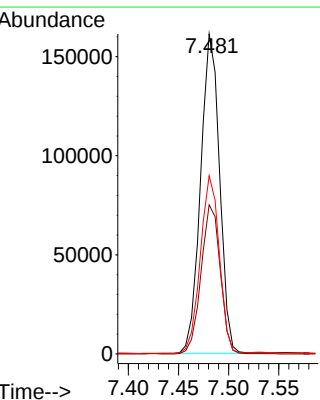
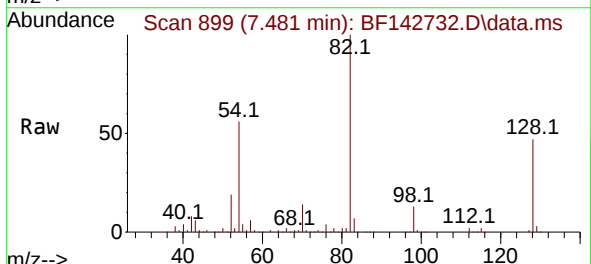
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.8	5.9	8.9
68	4.7	3.7	5.5

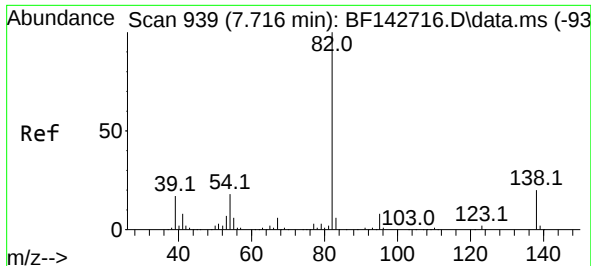


#23
Nitrobenzene-d5
Concen: 67.756 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.024 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion: 82 Resp: 212316

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.8	56.8
54	55.7	44.9	67.3

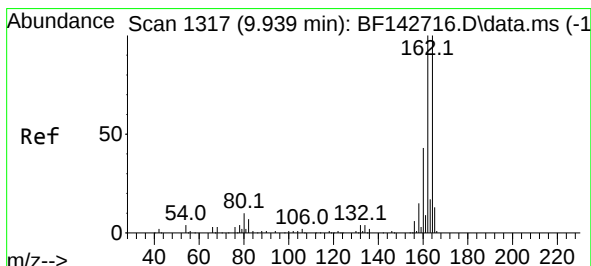
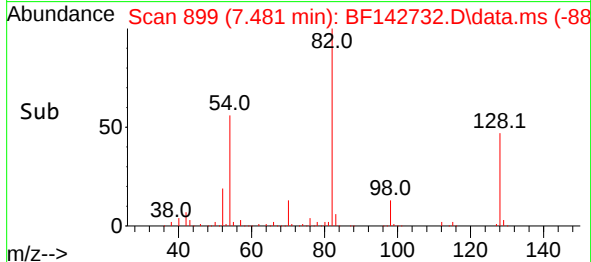
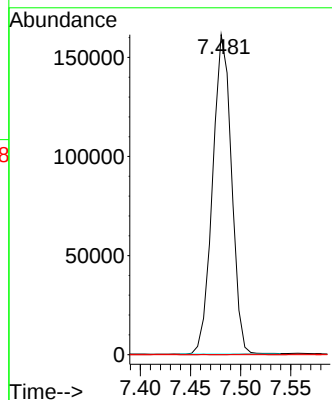
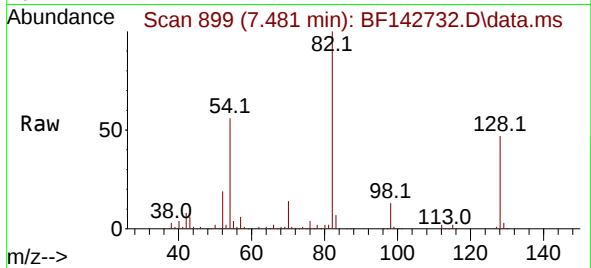




#25
Isophorone
Concen: 40.018 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.235 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

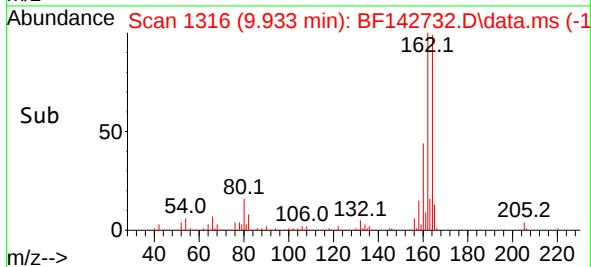
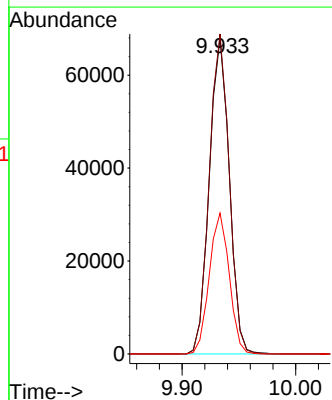
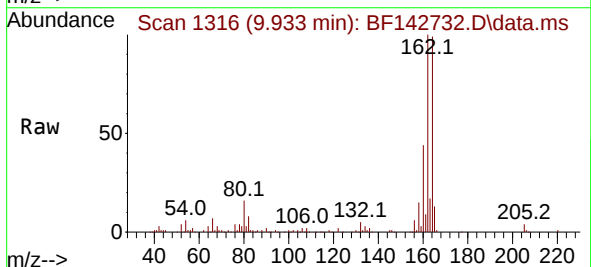
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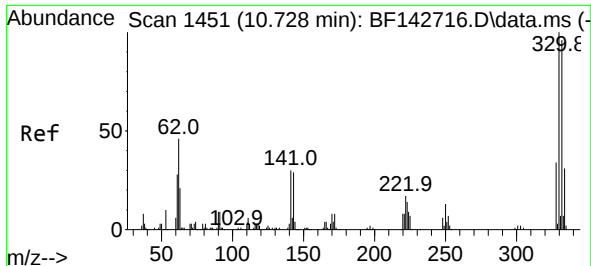
Tgt Ion: 82 Resp: 212316
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

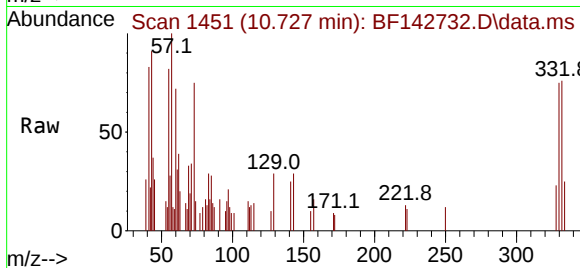
Tgt Ion:164 Resp: 83162
Ion Ratio Lower Upper
164 100
162 101.4 79.9 119.9
160 44.6 34.8 52.2



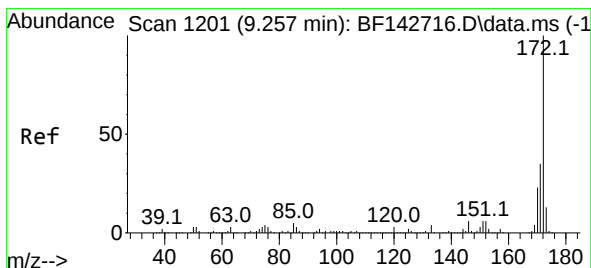
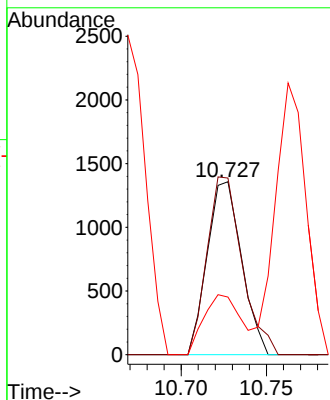
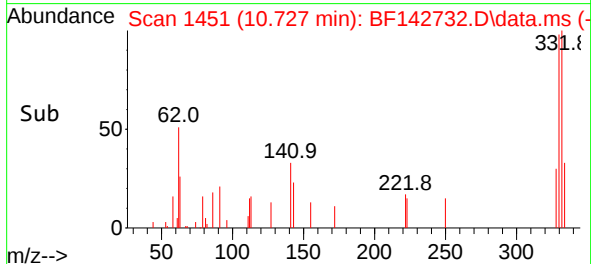


#42
2,4,6-Tribromophenol
Concen: 2.089 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

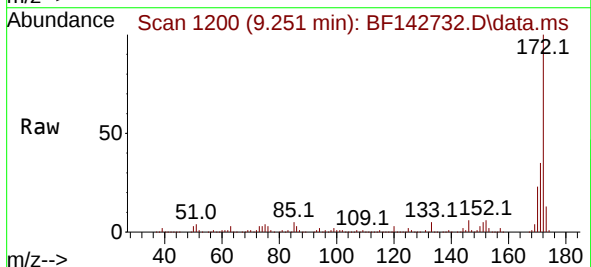
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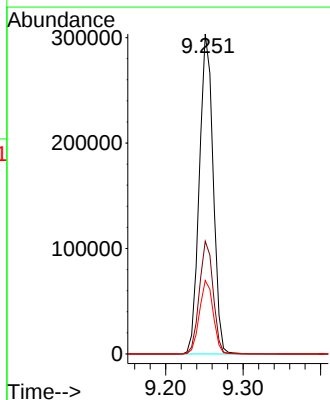
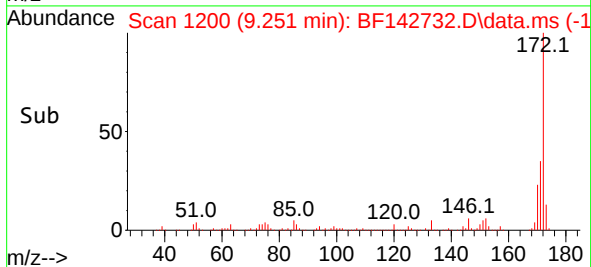
Tgt Ion:330 Resp: 1904
Ion Ratio Lower Upper
330 100
332 104.9 77.0 115.6
141 36.8 25.4 38.0

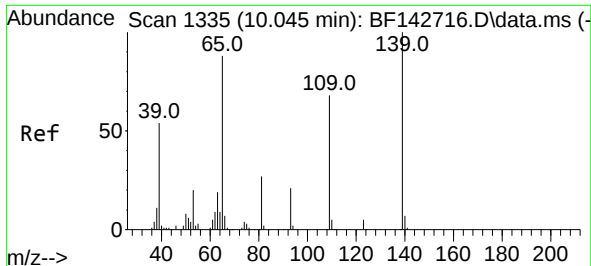


#45
2-Fluorobiphenyl
Concen: 59.961 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52



Tgt Ion:172 Resp: 375332
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.9 18.6 27.8

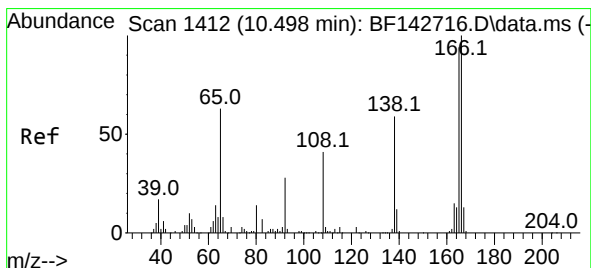
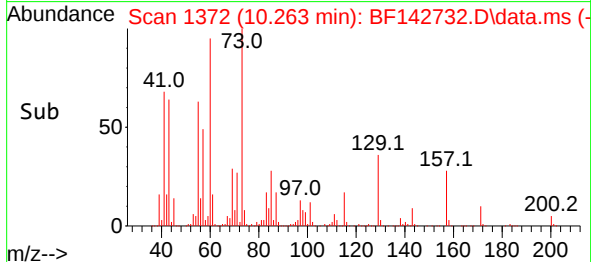
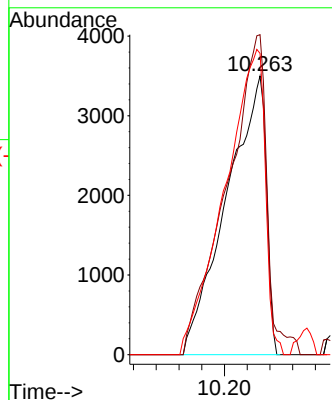
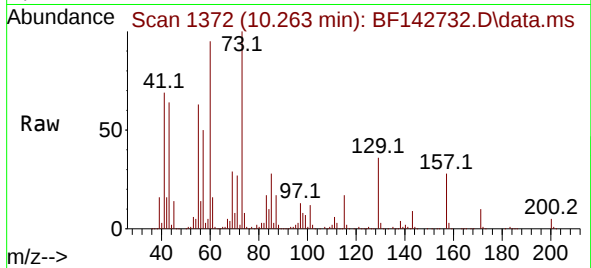




#56
4-Nitrophenol
Concen: 19.053 ng
RT: 10.263 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

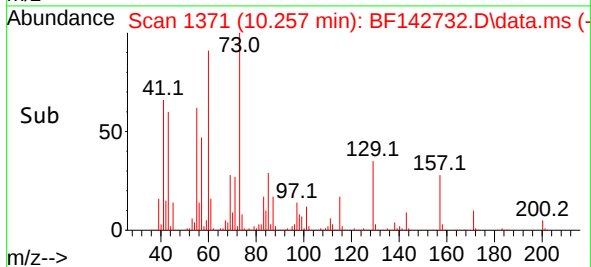
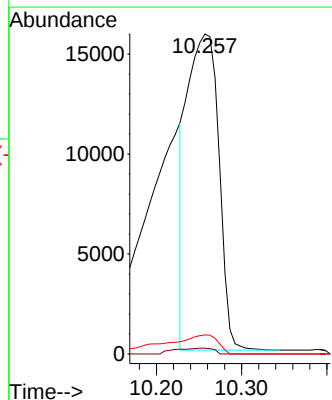
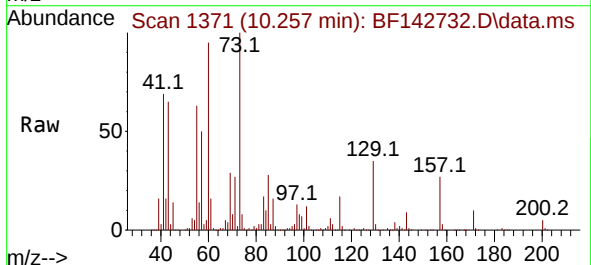
Instrument :
BNA_F
ClientSampleId :

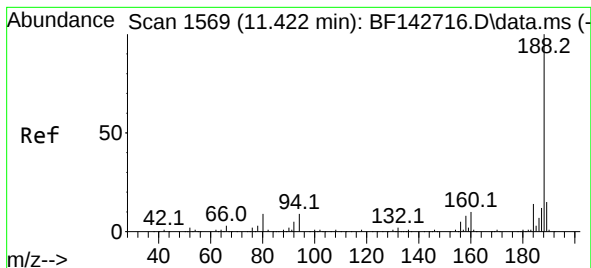
Tgt Ion:139 Resp: 16823
Ion Ratio Lower Upper
139 100
109 114.8 47.5 87.5#
65 108.1 69.2 109.2



#62
4-Nitroaniline
Concen: 35.106 ng
RT: 10.257 min Scan# 1371
Delta R.T. -0.241 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Tgt Ion:138 Resp: 40886
Ion Ratio Lower Upper
138 100
92 1.8 27.2 67.2#
108 6.0 49.9 89.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.000 min

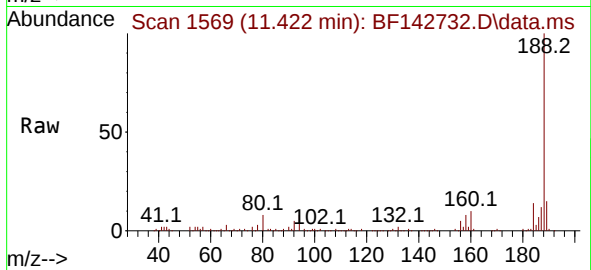
Lab File: BF142732.D

Acq: 11 Jun 2025 13:52

Instrument :

BNA_F

ClientSampleId :



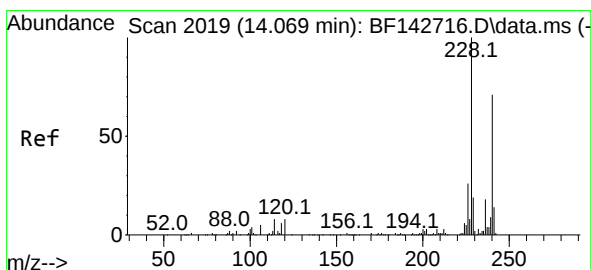
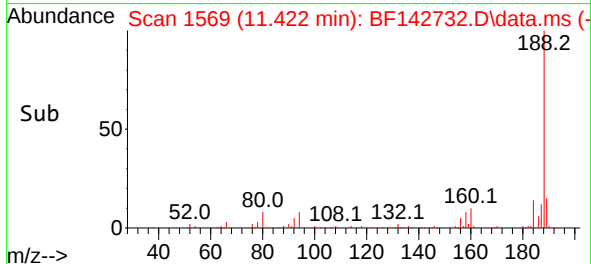
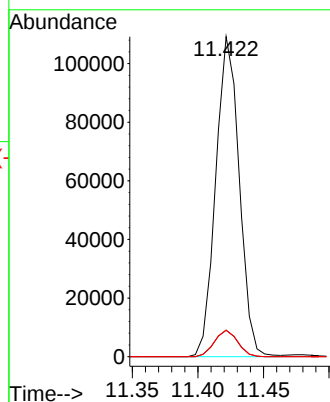
Tgt Ion:188 Resp: 135918

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.3 7.1 10.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF142732.D

Acq: 11 Jun 2025 13:52

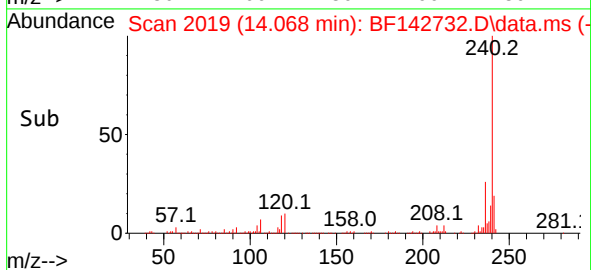
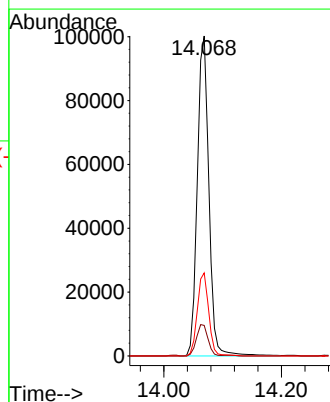
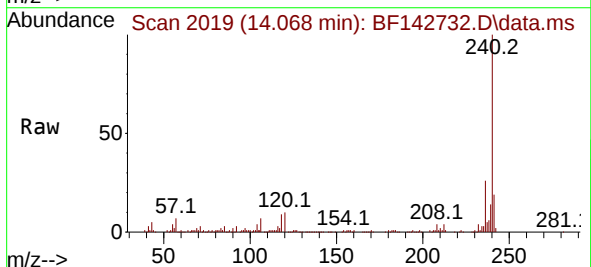
Tgt Ion:240 Resp: 136838

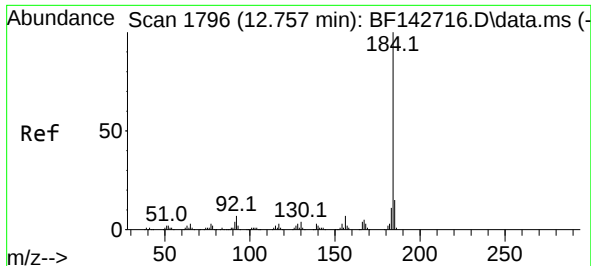
Ion Ratio Lower Upper

240 100

120 9.5 8.5 12.7

236 25.9 20.1 30.1

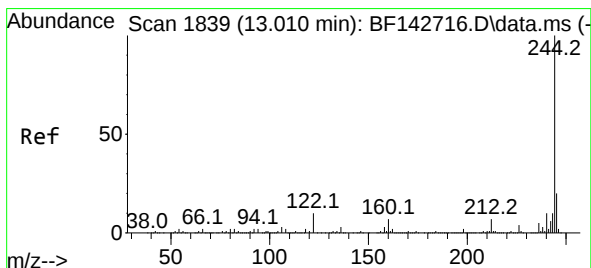
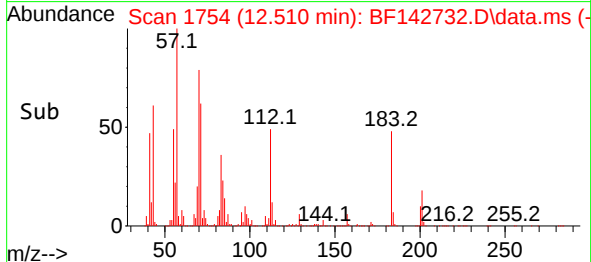
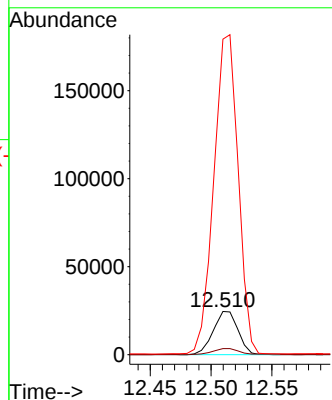
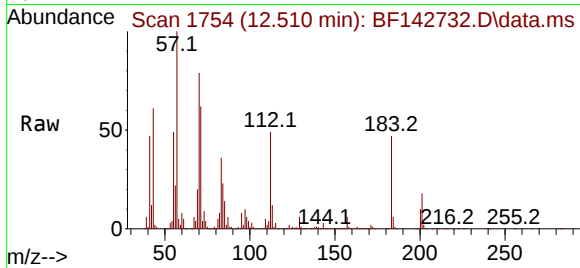




#77
Benzidine
Concen: 7.131 ng
RT: 12.510 min Scan# 1754
Delta R.T. -0.247 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

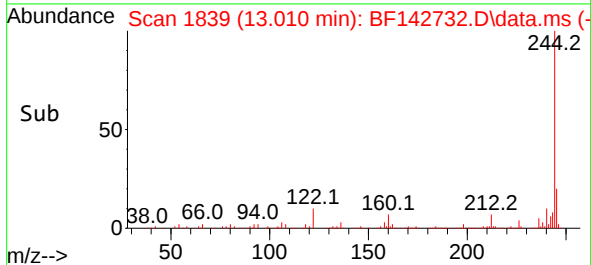
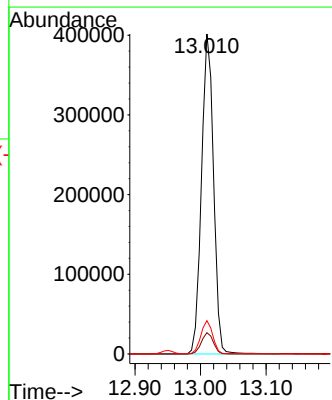
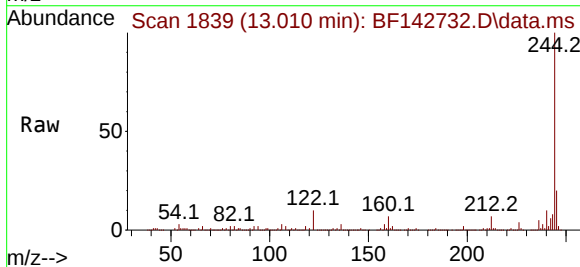
Instrument :
BNA_F
ClientSampleId :

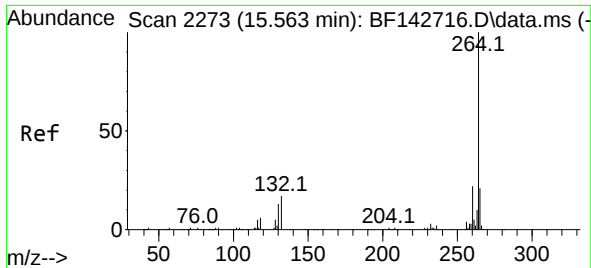
Tgt Ion:184 Resp: 34751
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 730.1 8.6 12.8#



#79
Terphenyl-d14
Concen: 51.605 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

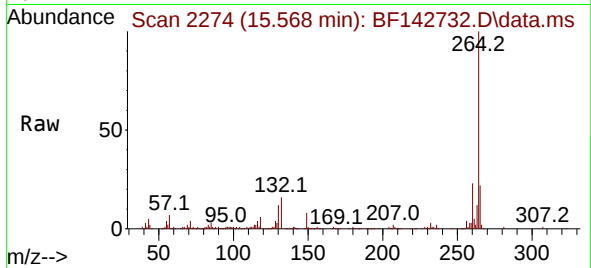
Tgt Ion:244 Resp: 514144
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.4 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142732.D
Acq: 11 Jun 2025 13:52

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264	Resp:	151313
Ion	Ratio	Lower Upper
264	100	
260	23.4	17.8 26.6
265	21.5	16.6 25.0

