

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144141.D
 Acq On : 29 Oct 2025 21:28
 Operator : RC/JU
 Sample : Q3472-10 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Oct 30 02:23:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

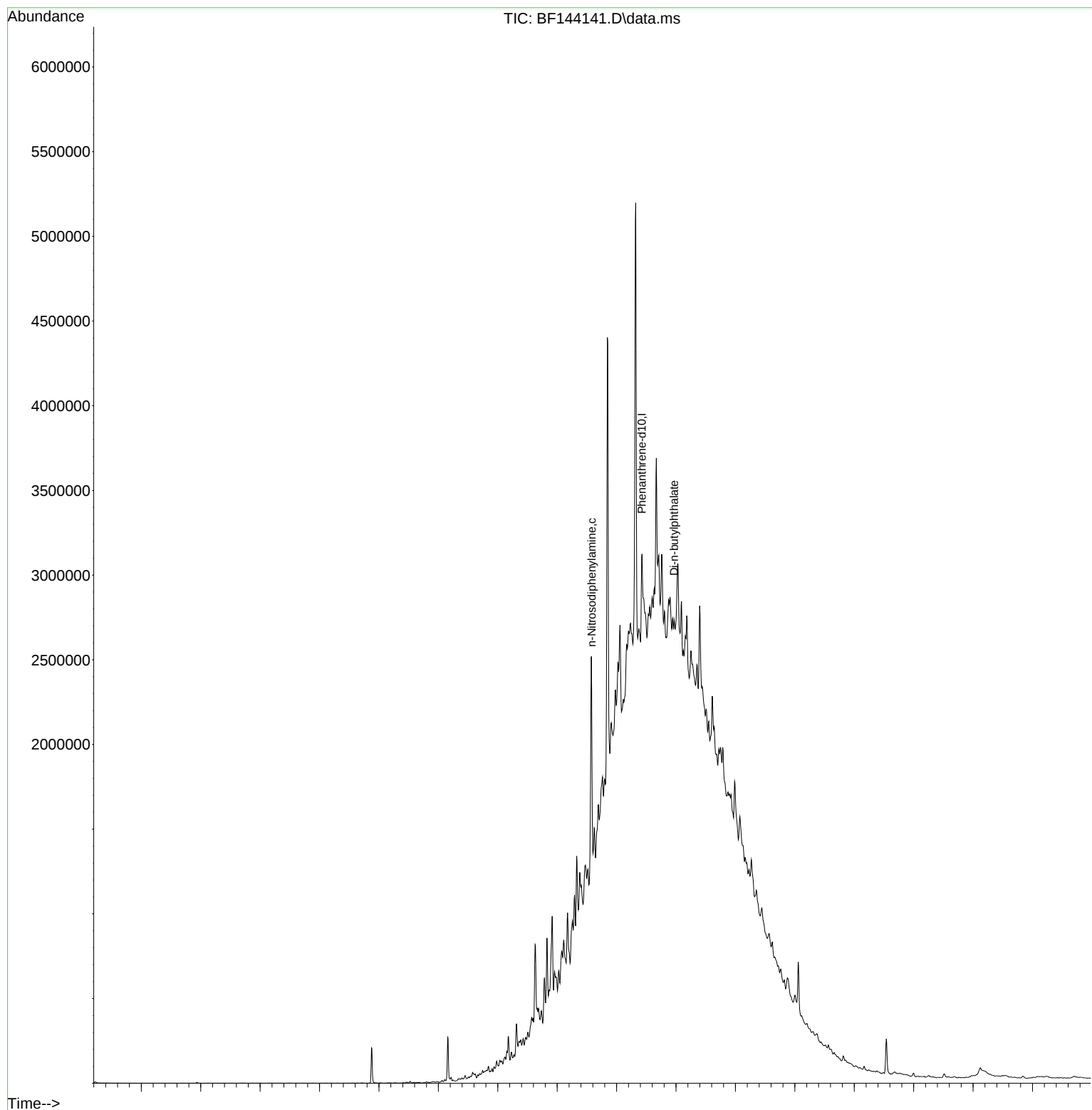
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	46412	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	175946	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	80281	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	103796	20.000	ng	# 0.01
76) Chrysene-d12	14.057	240	139397	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	131367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	6.546	99	1136	0.351	ng	0.04
23) Nitrobenzene-d5	7.451	82	704	0.219	ng	0.01
42) 2,4,6-Tribromophenol	10.722	330	773	0.756	ng	0.01
45) 2-Fluorobiphenyl	9.234	172	7878	1.381	ng	0.00
79) Terphenyl-d14	13.004	244	8335	1.045	ng	0.00
Target Compounds						
						Qvalue
53) 3-Nitroaniline	9.869	138	3134	2.710	ng	# 25
56) 4-Nitrophenol	10.034	139	3898	4.977	ng	# 1
57) 2,4-Dinitrotoluene	10.092	165	2824	2.011	ng	# 53
66) n-Nitrosodiphenylamine	10.581	169	26496	7.990	ng	# 50
74) Di-n-butylphthalate	11.969	149	13096	2.356	ng	# 28

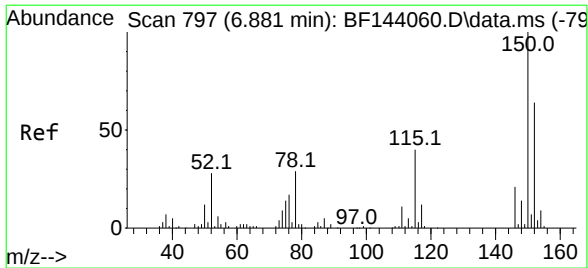
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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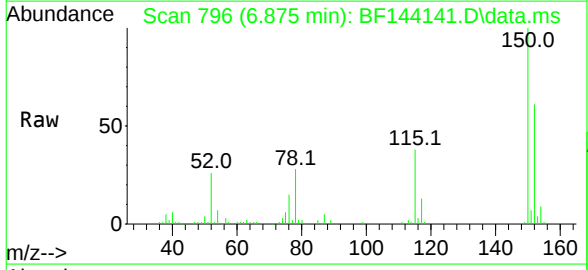
Quant Time: Oct 30 02:23:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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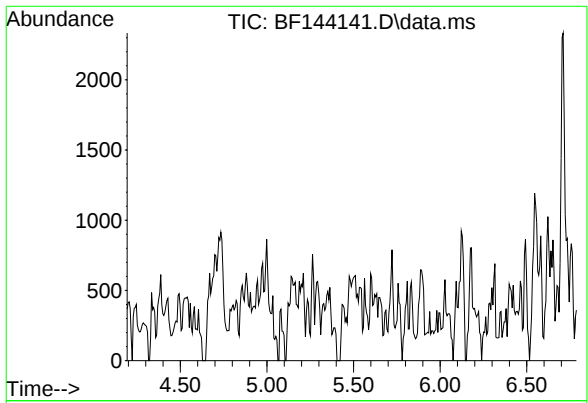
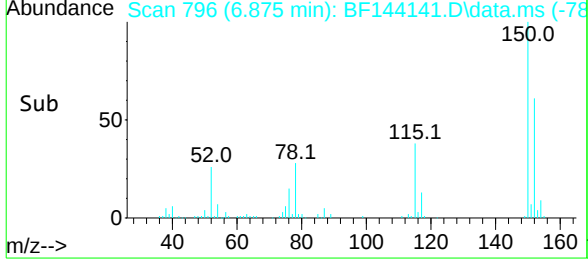
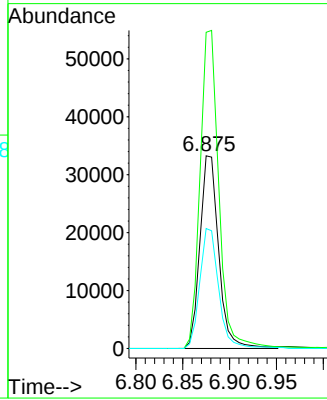


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

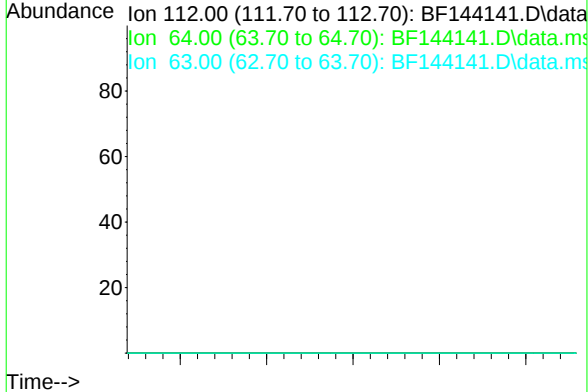


Tgt Ion:	152	Resp:	46412
Ion Ratio	Lower	Upper	
152	100		
150	164.1	124.4	186.6
115	62.3	49.4	74.0

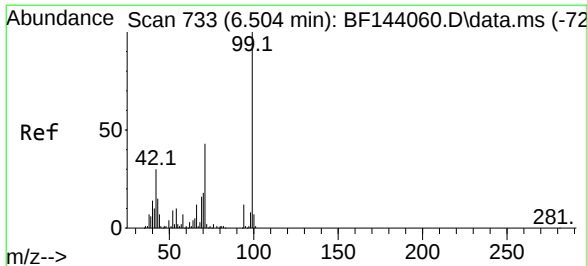


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28

Tgt Ion:	112
Sig	Exp Ratio
112	100
64	62.3
63	34.3



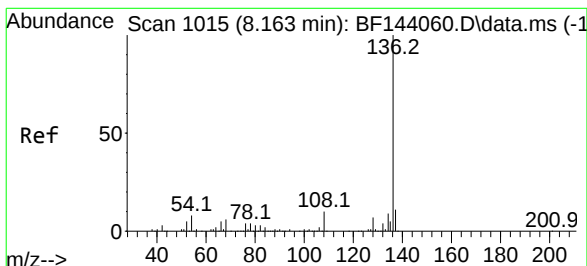
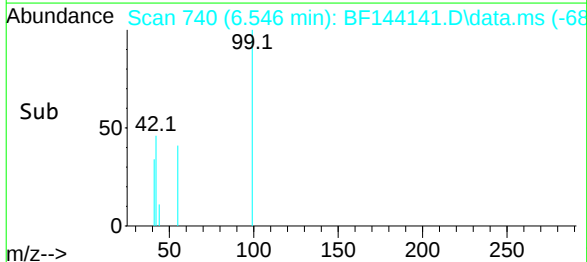
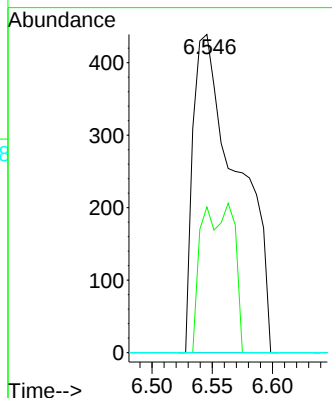
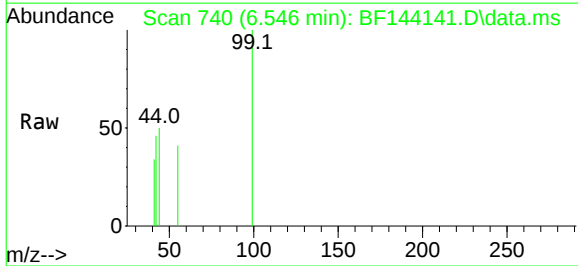
Ion 64.00 (63.70 to 64.70): BF144141.D\data.ms
 Ion 63.00 (62.70 to 63.70): BF144141.D\data.ms



#7
Phenol-d6
Concen: 0.351 ng
RT: 6.546 min Scan# 74
Delta R.T. 0.041 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

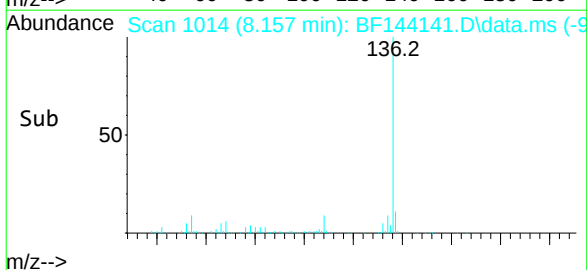
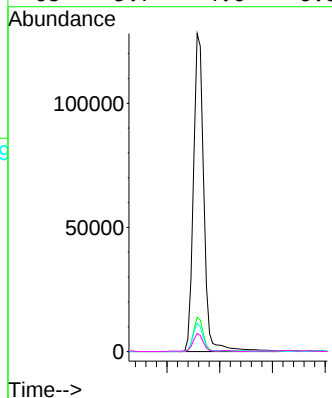
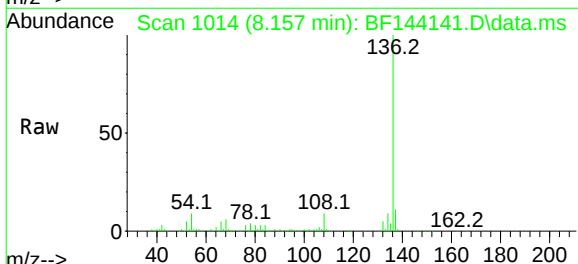
Instrument :
BNA_F
ClientSampleId :
COMP-4

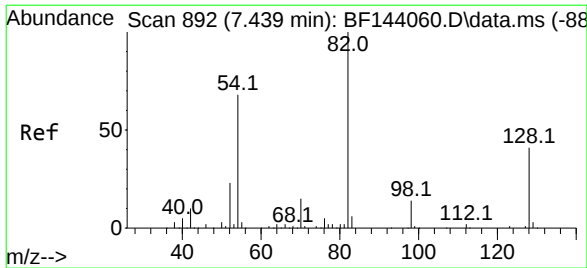
Tgt	Ion:	99	Resp:	1136
Ion	Ratio	Lower	Upper	
99	100			
42	45.8	23.9	35.9	#
71	0.0	34.4	51.6	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

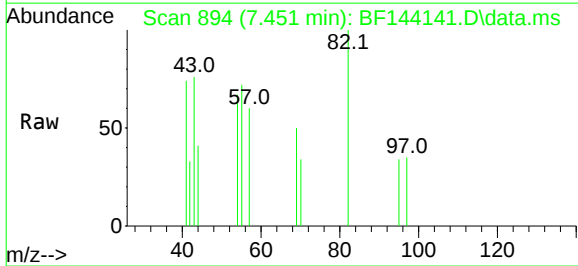
Tgt	Ion:	136	Resp:	175946
Ion	Ratio	Lower	Upper	
136	100			
137	10.8	8.6	13.0	
54	8.9	6.6	9.8	
68	5.7	4.6	6.8	



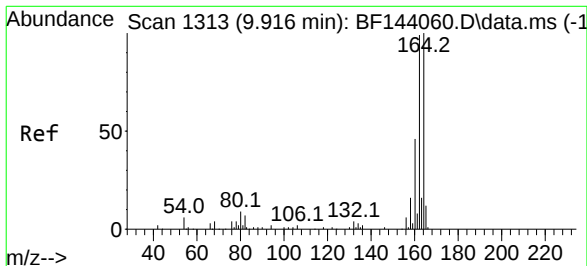
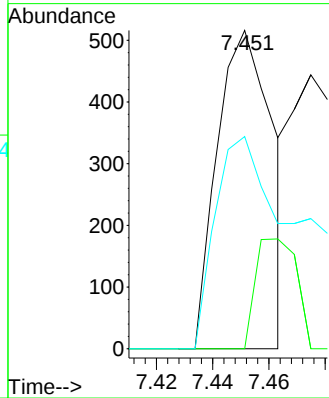
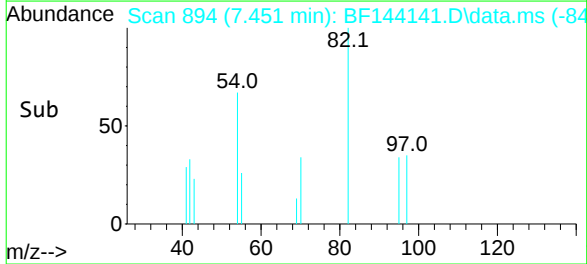


#23
 Nitrobenzene-d5
 Concen: 0.219 ng
 RT: 7.451 min Scan# 89
 Delta R.T. 0.012 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28

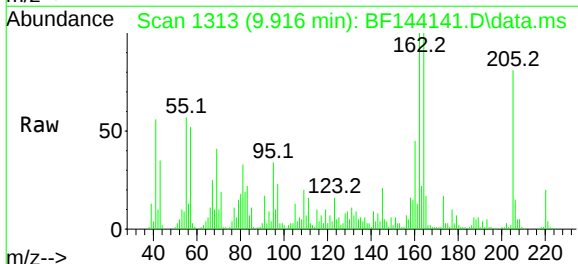
Instrument :
 BNA_F
 ClientSampleId :
 COMP-4



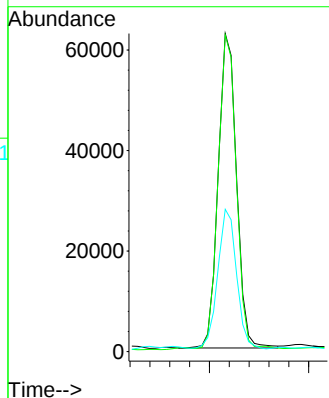
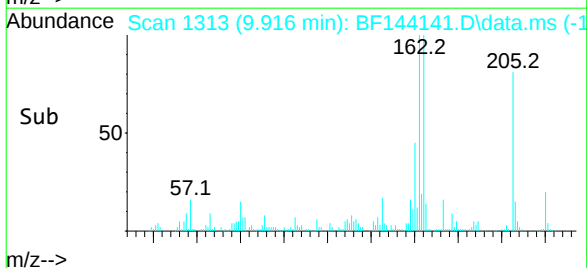
Tgt Ion: 82 Resp: 704
 Ion Ratio Lower Upper
 82 100
 128 0.0 32.4 48.6#
 54 66.7 54.0 81.0

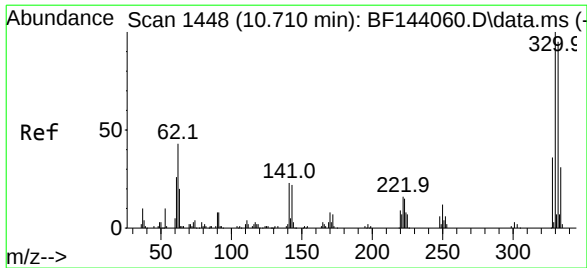


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28



Tgt Ion: 164 Resp: 80281
 Ion Ratio Lower Upper
 164 100
 162 99.6 79.4 119.2
 160 44.7 36.7 55.1

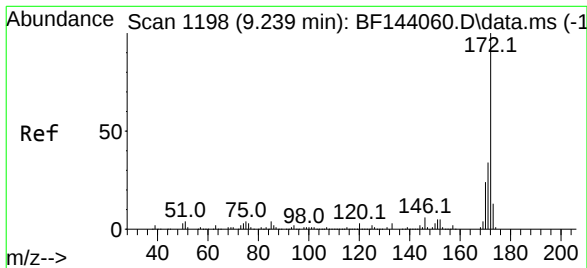
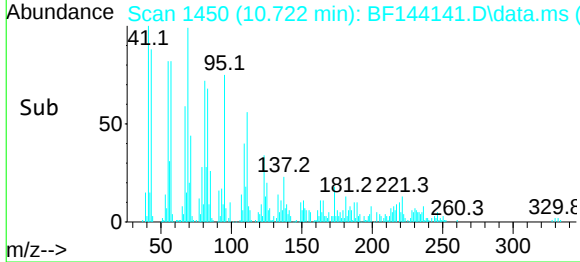
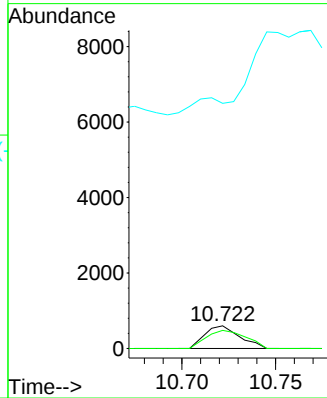
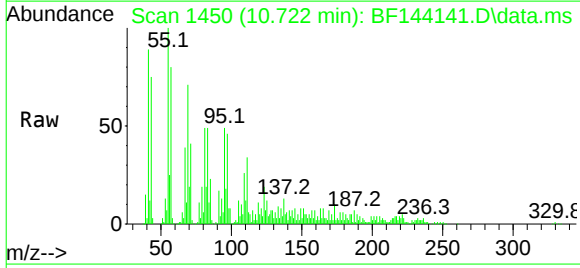




#42
2,4,6-Tribromophenol
Concen: 0.756 ng
RT: 10.722 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

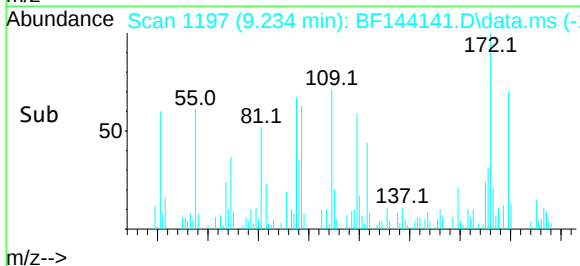
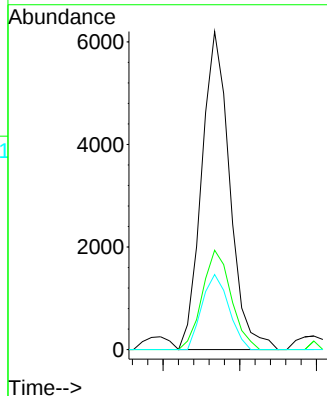
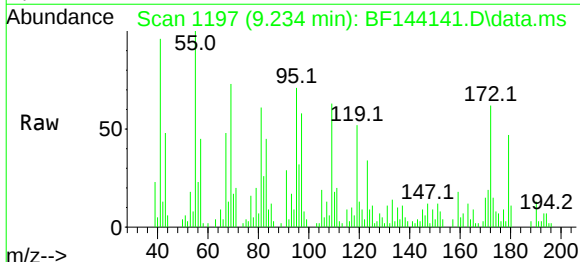
Instrument :
BNA_F
ClientSampleId :
COMP-4

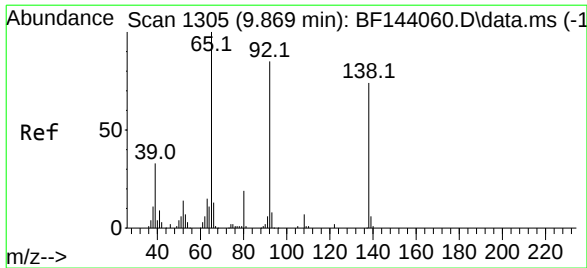
Tgt Ion: 330 Resp: 773
Ion Ratio Lower Upper
330 100
332 91.1 77.0 115.6
141 0.0 19.4 29.0#



#45
2-Fluorobiphenyl
Concen: 1.381 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

Tgt Ion: 172 Resp: 7878
Ion Ratio Lower Upper
172 100
171 31.2 27.5 41.3
170 23.6 19.0 28.6

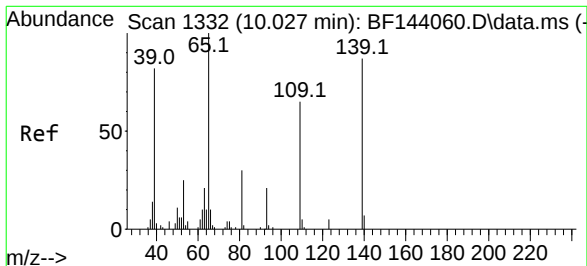
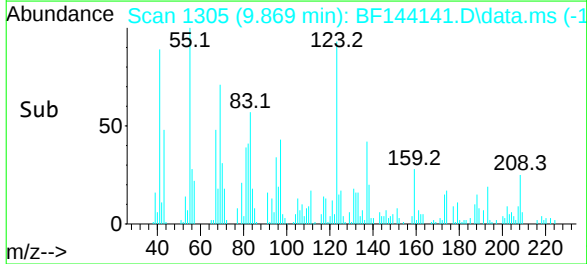
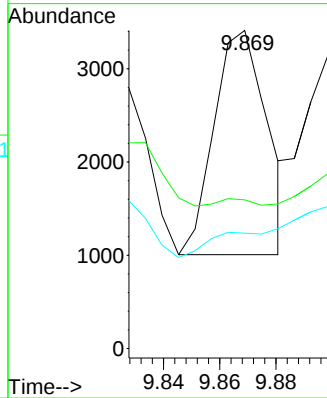
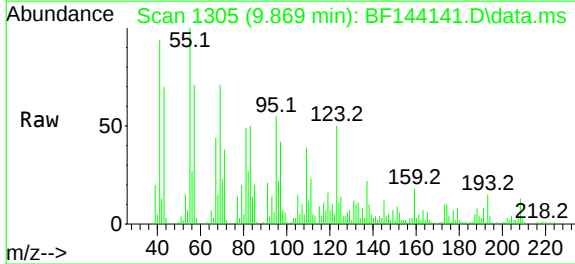




#53
3-Nitroaniline
Concen: 2.710 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

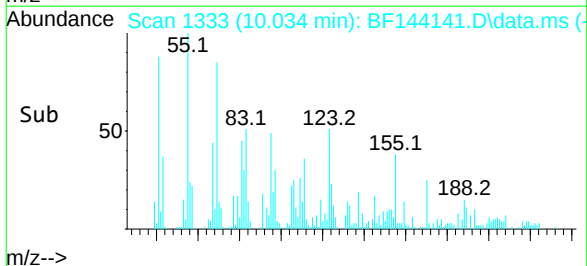
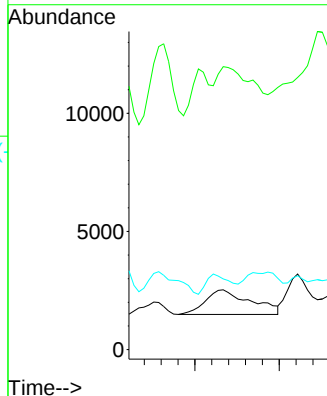
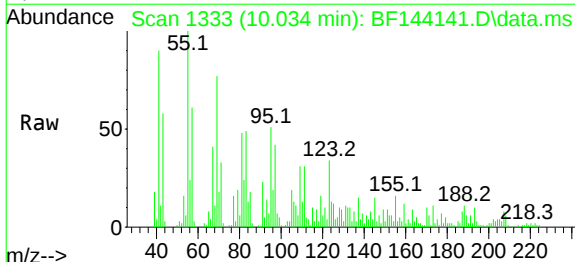
Instrument :
BNA_F
ClientSampleId :
COMP-4

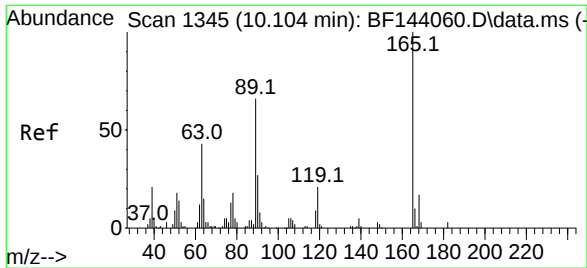
Tgt Ion:138 Resp: 3134
Ion Ratio Lower Upper
138 100
108 46.7 7.9 11.9#
92 36.3 92.0 138.0#



#56
4-Nitrophenol
Concen: 4.977 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

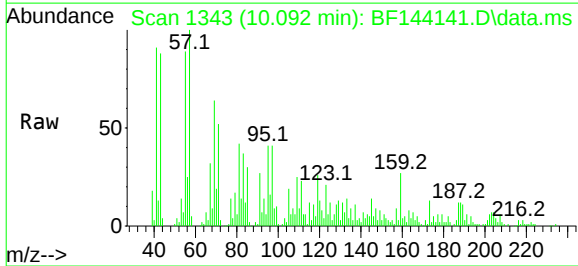
Tgt Ion:139 Resp: 3898
Ion Ratio Lower Upper
139 100
109 473.3 53.8 93.8#
65 118.2 95.9 135.9



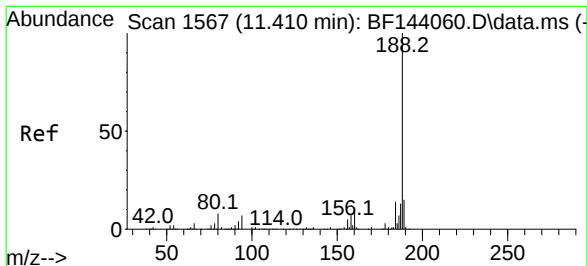
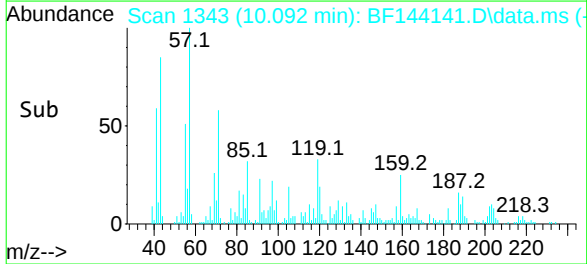
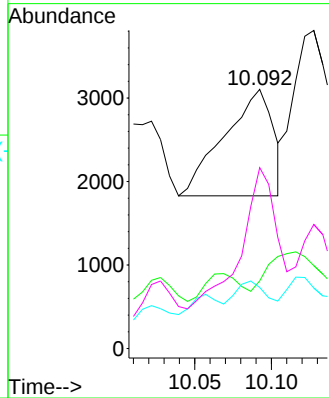


#57
2,4-Dinitrotoluene
Concen: 2.011 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

Instrument :
BNA_F
ClientSampleId :
COMP-4

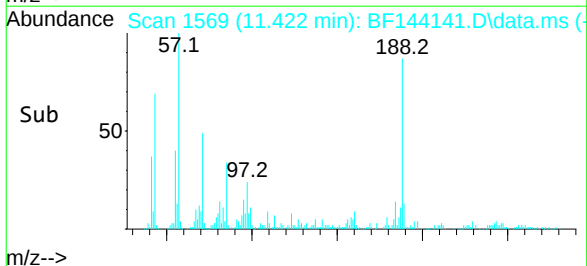
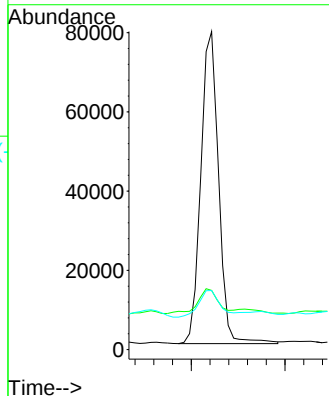
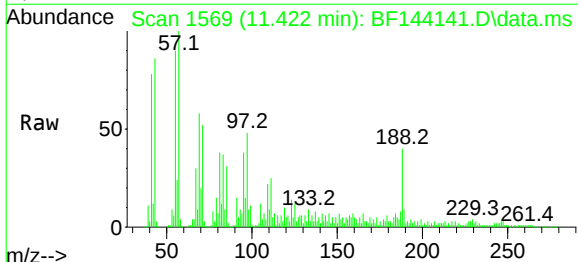


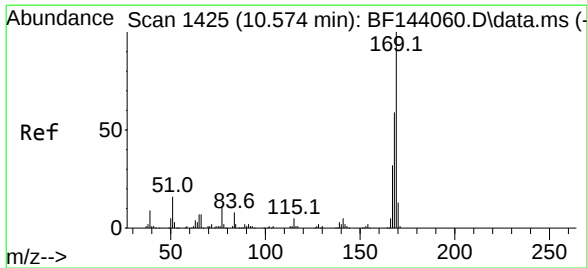
Tgt Ion:165 Resp: 2824
Ion Ratio Lower Upper
165 100
63 26.1 35.4 53.2#
89 23.6 52.7 79.1#
182 69.8 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. 0.012 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

Tgt Ion:188 Resp: 103796
Ion Ratio Lower Upper
188 100
94 18.6 5.4 8.0#
80 18.6 6.0 9.0#

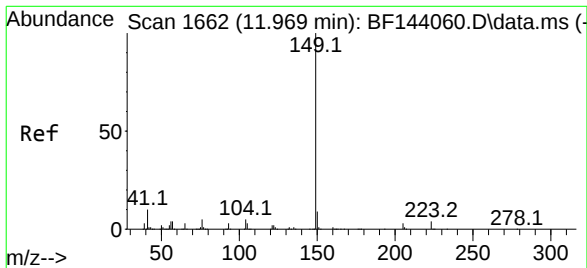
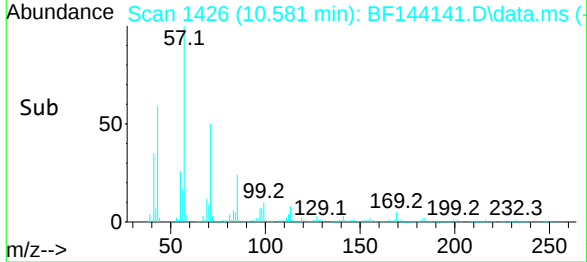
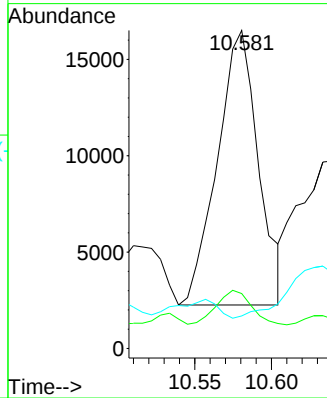
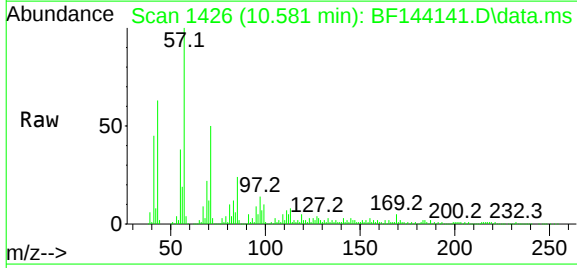




#66
n-Nitrosodiphenylamine
Concen: 7.990 ng
RT: 10.581 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

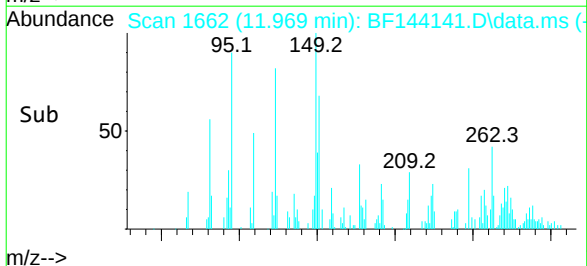
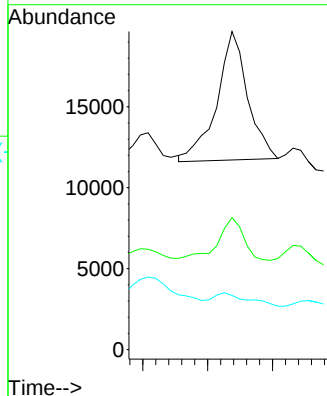
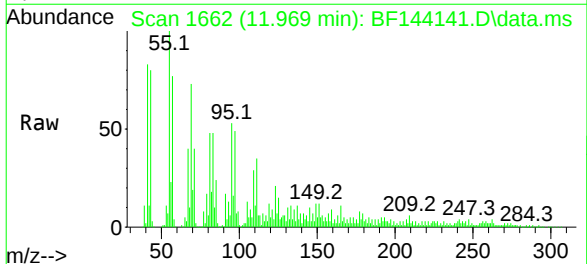
Instrument :
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ClientSampleId :
COMP-4

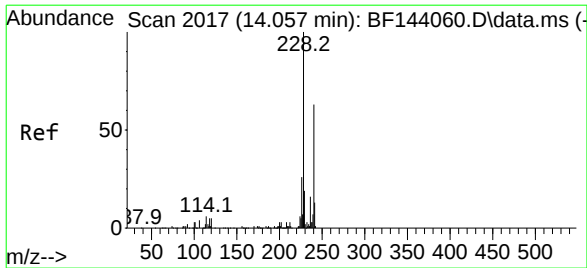
Tgt Ion:	169	Resp:	26496
Ion Ratio	Lower	Upper	
169	100		
168	17.3	47.4	71.2#
167	10.2	25.5	38.3#



#74
Di-n-butylphthalate
Concen: 2.356 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144141.D
Acq: 29 Oct 2025 21:28

Tgt Ion:	149	Resp:	13096
Ion Ratio	Lower	Upper	
149	100		
150	41.5	7.3	10.9#
104	17.0	3.6	5.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

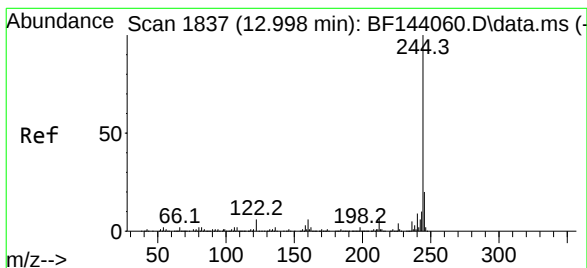
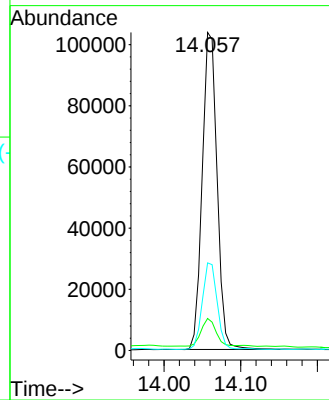
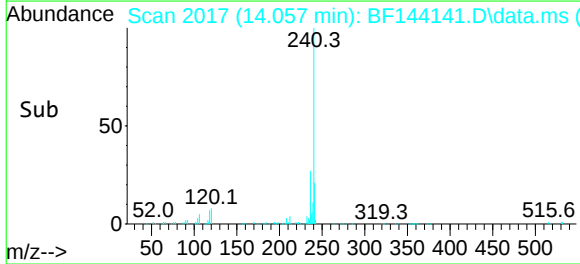
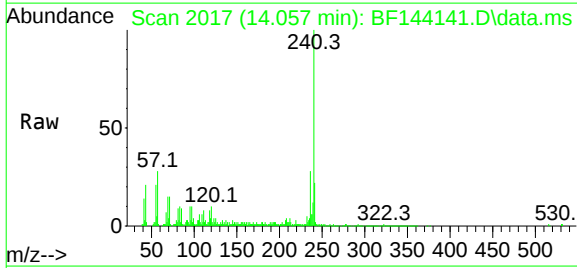
Instrument :

BNA_F

ClientSampleId :

COMP-4

Tgt Ion:	240	Resp:	139397
Ion Ratio	Lower	Upper	
240	100		
120	10.1	6.5	9.7#
236	27.5	20.1	30.1



#79

Terphenyl-d14

Concen: 1.045 ng

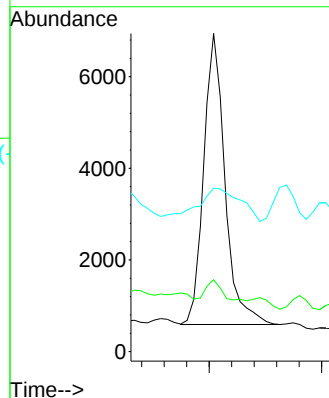
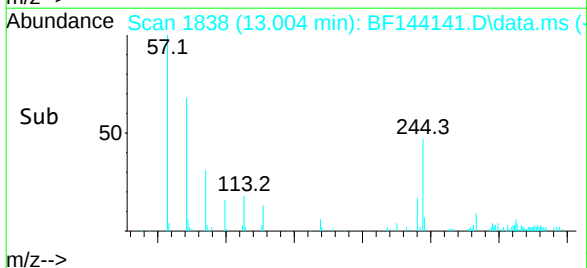
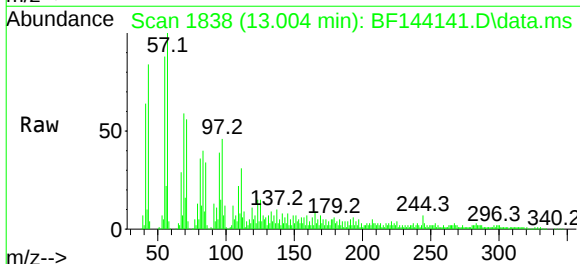
RT: 13.004 min Scan# 1838

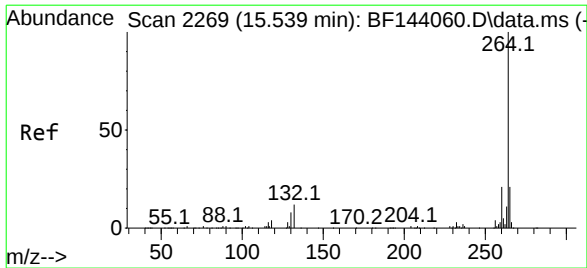
Delta R.T. 0.006 min

Lab File: BF144141.D

Acq: 29 Oct 2025 21:28

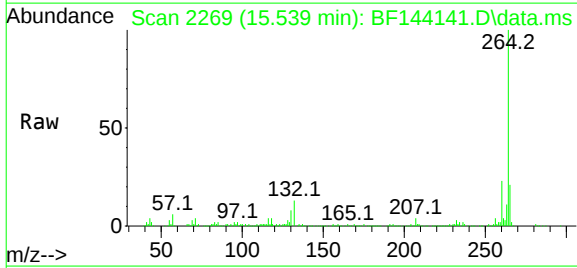
Tgt Ion:	244	Resp:	8335
Ion Ratio	Lower	Upper	
244	100		
212	22.6	5.8	8.6#
122	51.4	4.9	7.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144141.D
 Acq: 29 Oct 2025 21:28

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4



Tgt Ion:264 Resp: 131367
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.0 25.4
 265 21.1 16.6 24.8

