

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137025.D
 Acq On : 10 Jan 2024 17:56
 Operator : CG\JU
 Sample : P1015-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27

Quant Time: Jan 11 00:01:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

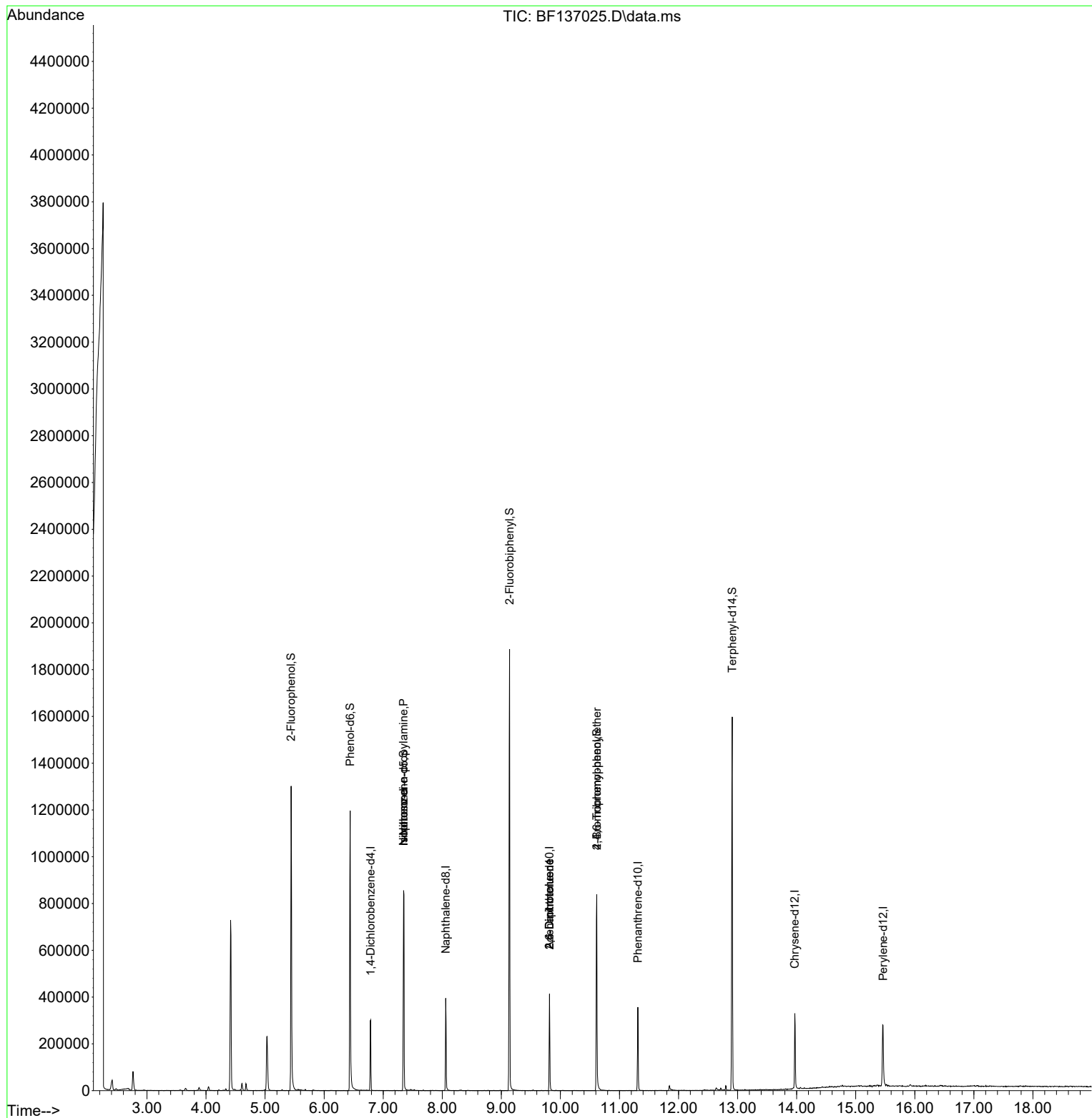
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	46275	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	166742	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	77627	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	127861	20.000	ng	0.00
76) Chrysene-d12	13.969	240	116404	20.000	ng	0.00
86) Perylene-d12	15.463	264	135312	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	370067	124.778	ng	0.01
7) Phenol-d6	6.440	99	403568	105.015	ng	0.00
23) Nitrobenzene-d5	7.345	82	299016	91.764	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	119000	130.164	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	594251	102.961	ng	-0.01
79) Terphenyl-d14	12.910	244	570826	68.530	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	38224	16.408	ng	# 75
25) Isophorone	7.345	82	299013	50.430	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	9648	7.497	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	9648	5.775	ng	# 19
67) 4-Bromophenyl-phenylether	10.616	248	6832	4.811	ng	# 1

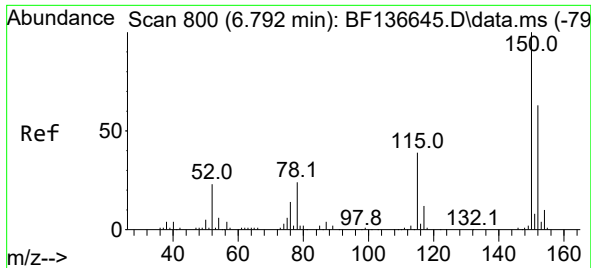
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

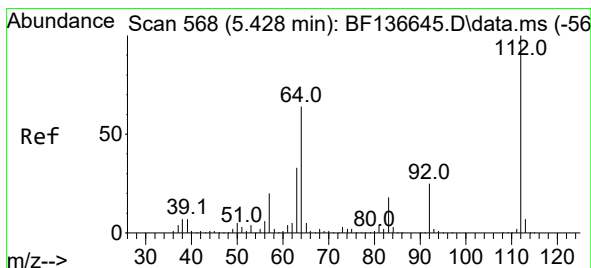
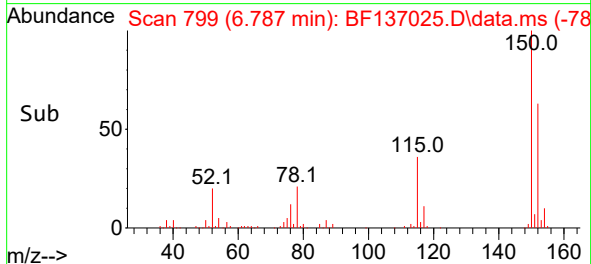
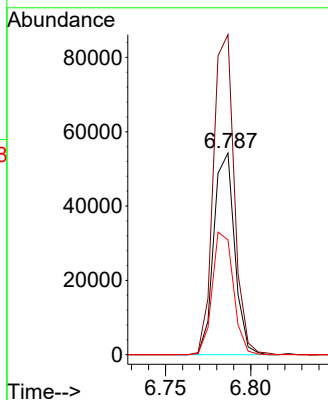
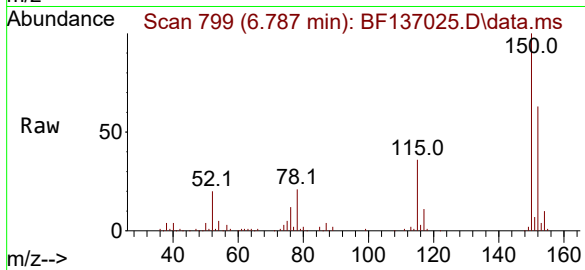




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

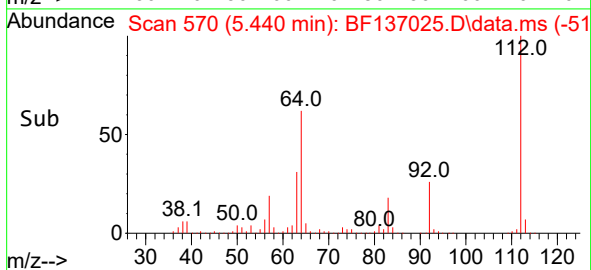
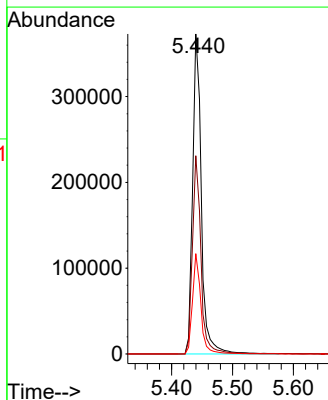
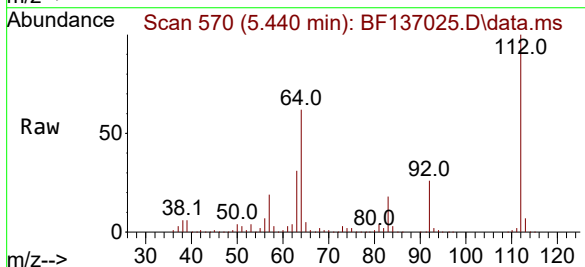
Instrument :
BNA_F
ClientSampleId :
MR-301P-25-27

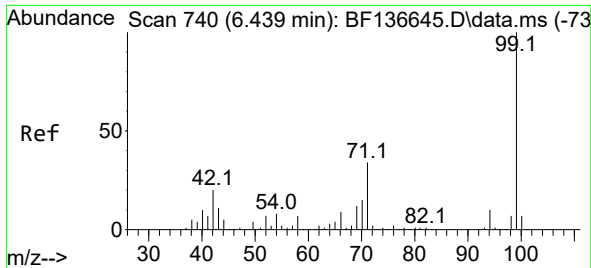
Tgt Ion:152 Resp: 46275
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 57.0 49.0 73.4



#5
2-Fluorophenol
Concen: 124.778 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion:112 Resp: 370067
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 31.4 26.1 39.1

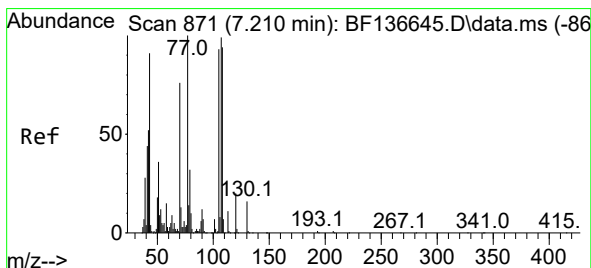
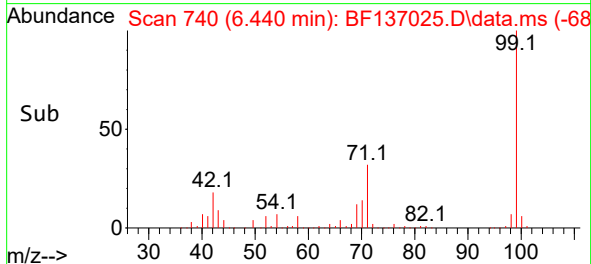
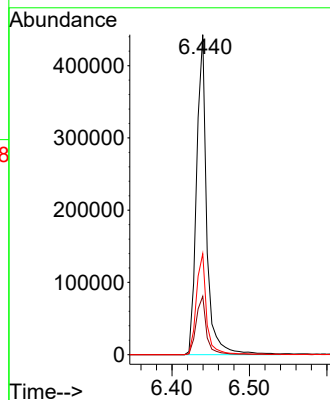
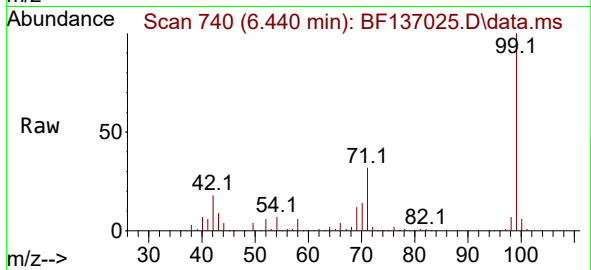




#7
Phenol-d6
Concen: 105.015 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

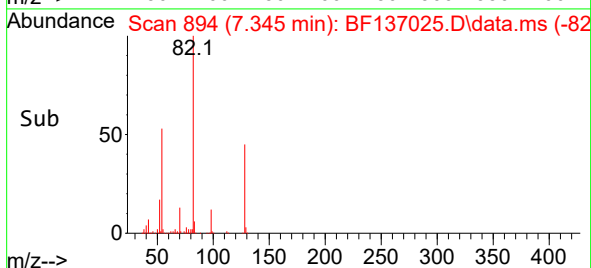
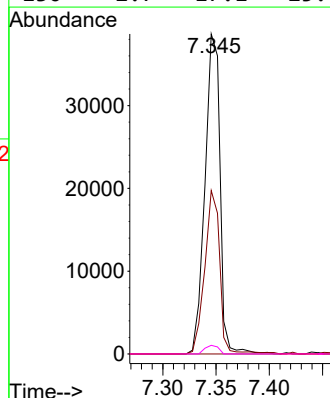
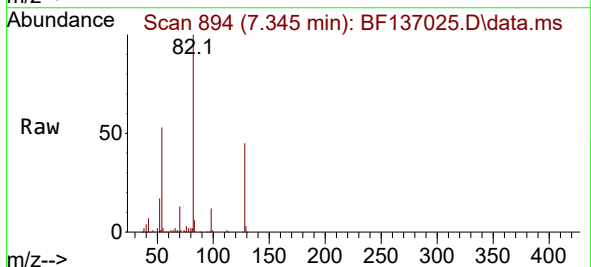
Instrument :
BNA_F
ClientSampleId :
MR-301P-25-27

Tgt Ion: 99 Resp: 403568
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.408 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion: 70 Resp: 38224
Ion Ratio Lower Upper
70 100
42 51.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.7 17.1 25.7#

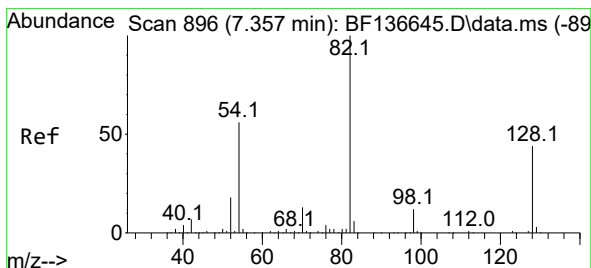
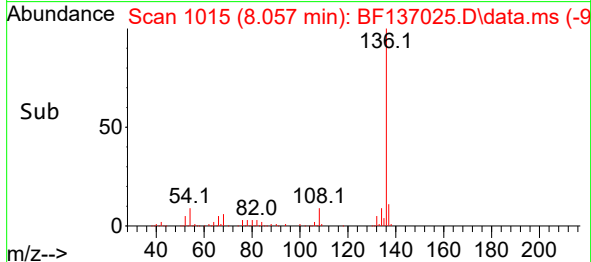
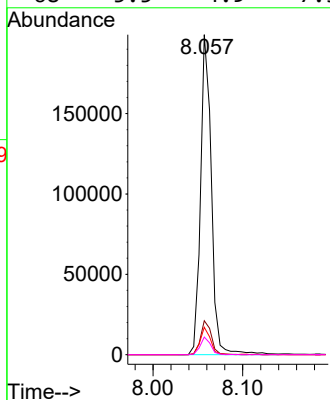
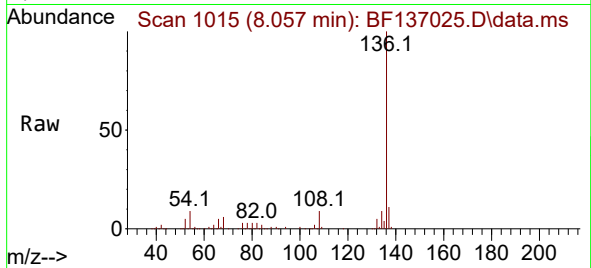




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

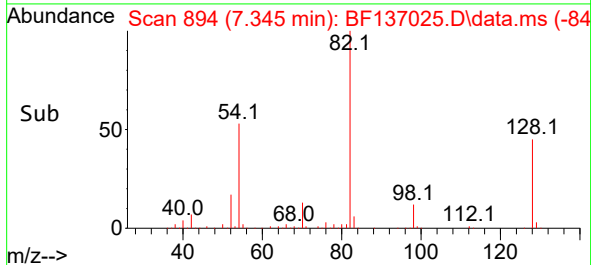
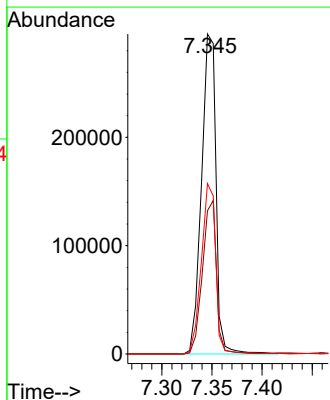
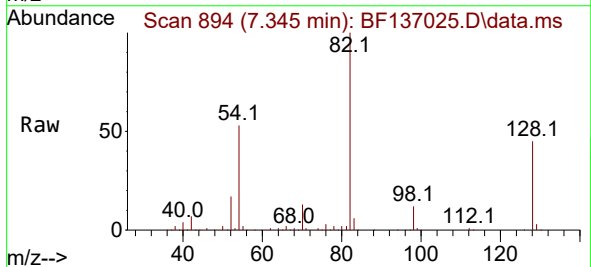
Instrument :
BNA_F
ClientSampleId :
MR-301P-25-27

Tgt	Ion:136	Resp:	166742
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.5	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.764 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion: 82	Resp: 299016
Ion Ratio	Lower Upper
82 100	
128 44.8	35.3 52.9
54 53.3	44.5 66.7

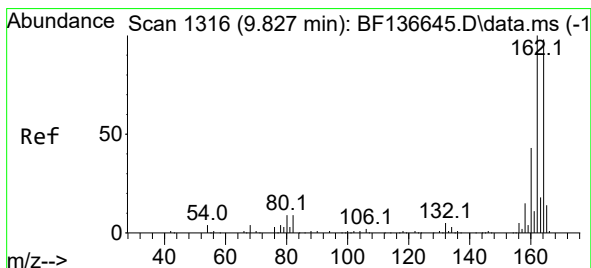
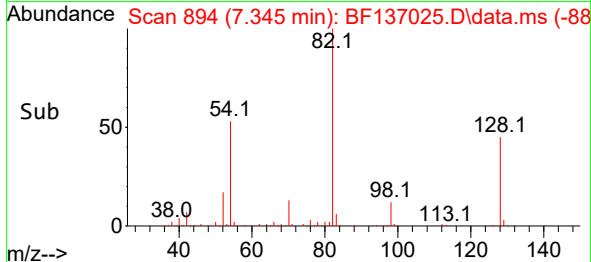
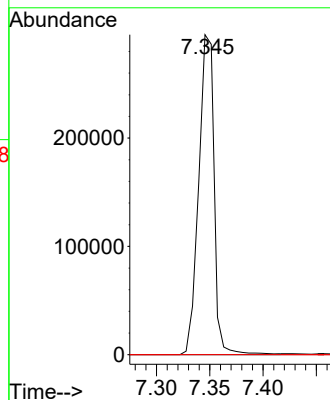
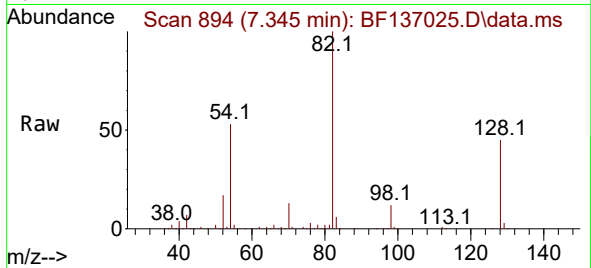




#25
Isophorone
Concen: 50.430 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

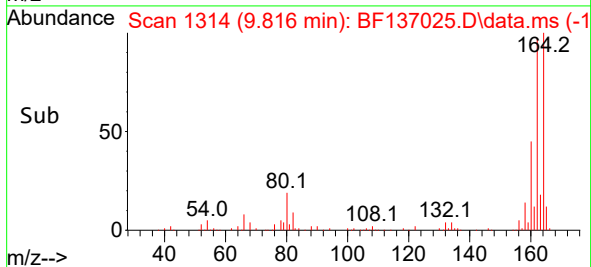
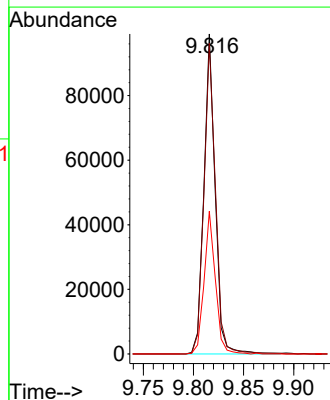
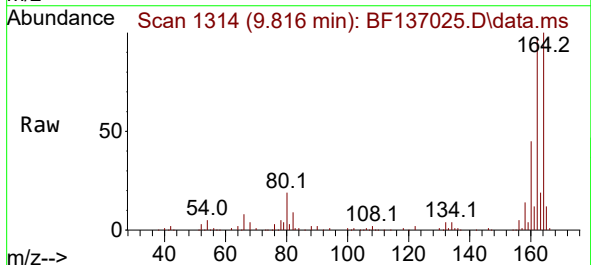
Instrument :
BNA_F
ClientSampleId :
MR-301P-25-27

Tgt Ion: 82 Resp: 299013
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion:164 Resp: 77627
Ion Ratio Lower Upper
164 100
162 97.0 81.6 122.4
160 44.6 34.9 52.3

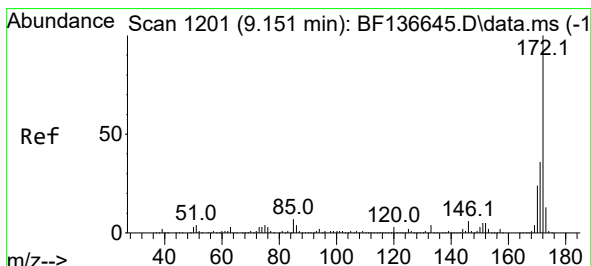
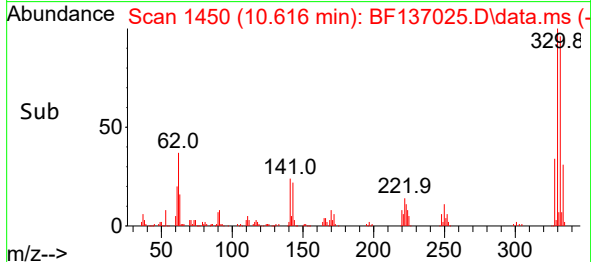
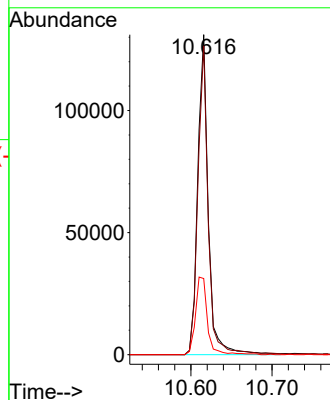
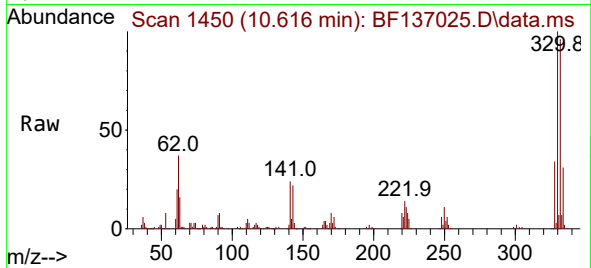




#42
2,4,6-Tribromophenol
Concen: 130.164 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

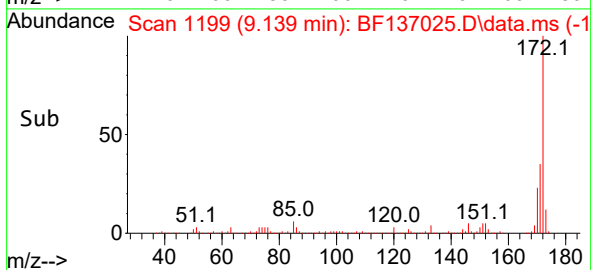
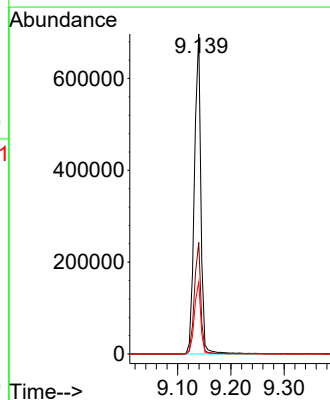
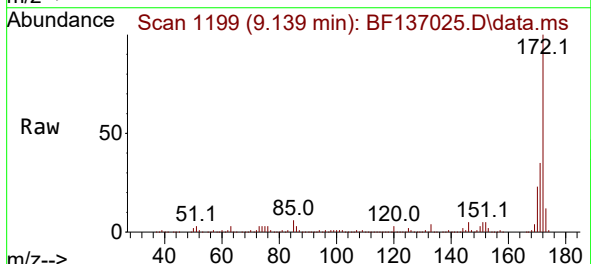
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ClientSampleId :
MR-301P-25-27

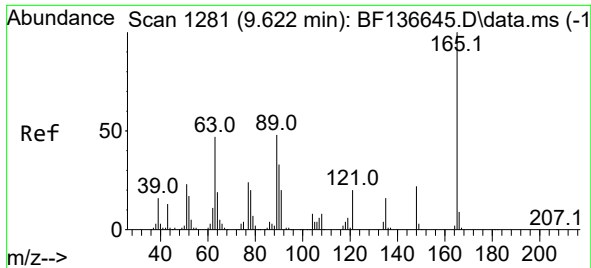
Tgt Ion:330 Resp: 119000
Ion Ratio Lower Upper
330 100
332 94.7 77.4 116.0
141 27.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 102.961 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion:172 Resp: 594251
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 22.5 19.0 28.4

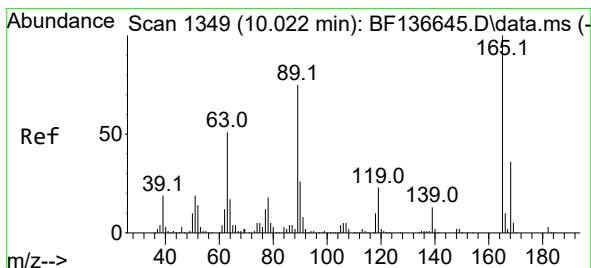
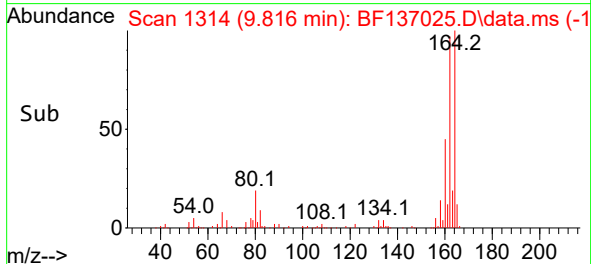
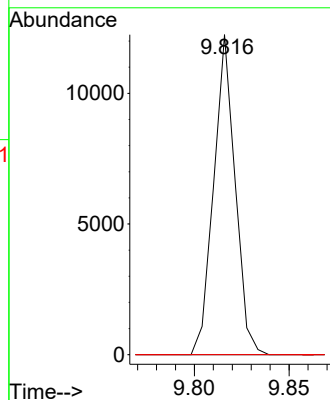
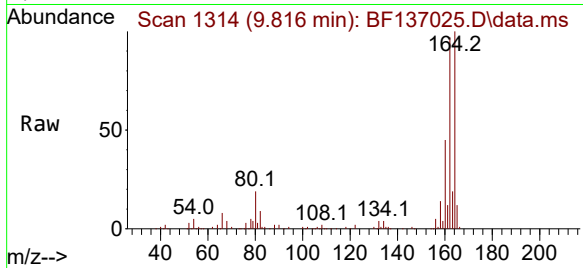




#51
2,6-Dinitrotoluene
Concen: 7.497 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

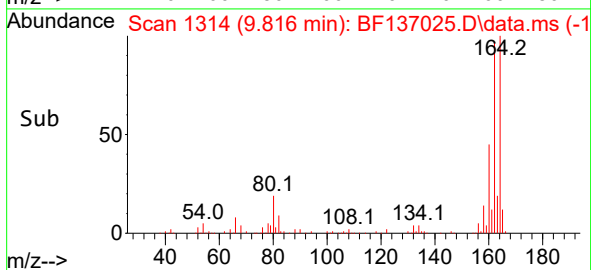
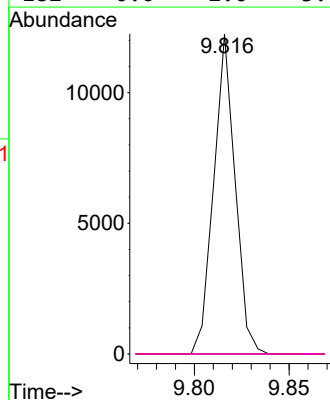
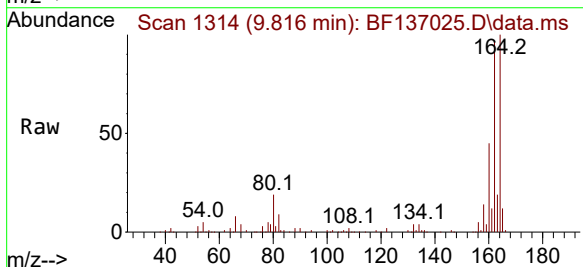
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ClientSampleId :
MR-301P-25-27

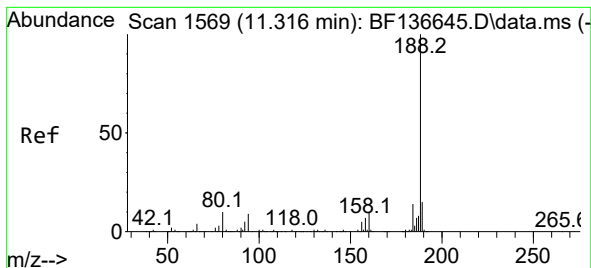
Tgt Ion:165 Resp: 9648
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.775 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137025.D
Acq: 10 Jan 2024 17:56

Tgt Ion:165 Resp: 9648
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27

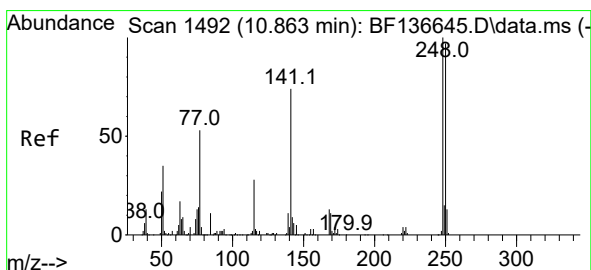
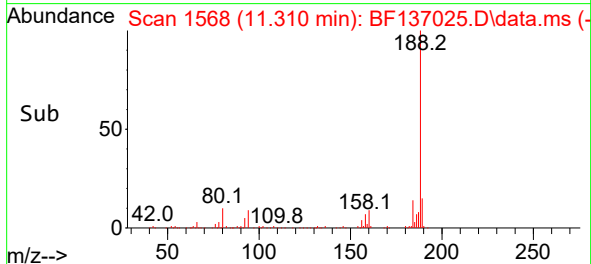
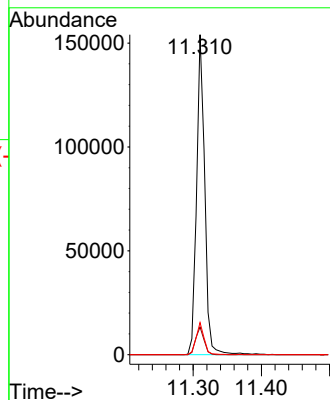
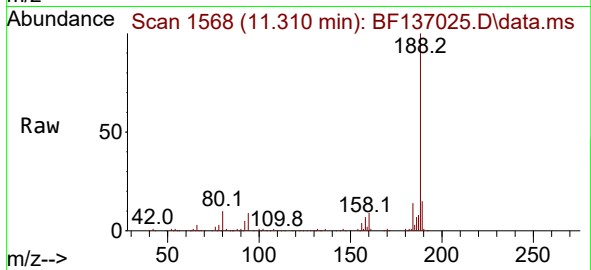
Tgt Ion:188 Resp: 127861

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 10.0 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 4.811 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

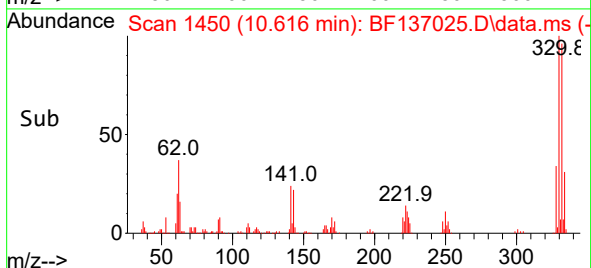
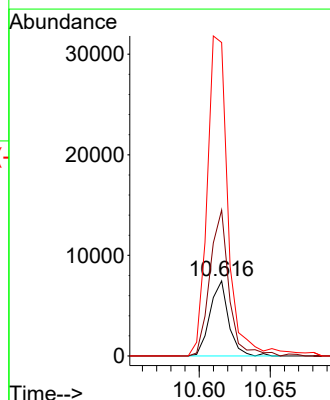
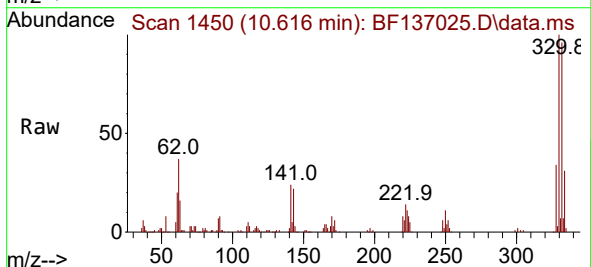
Tgt Ion:248 Resp: 6832

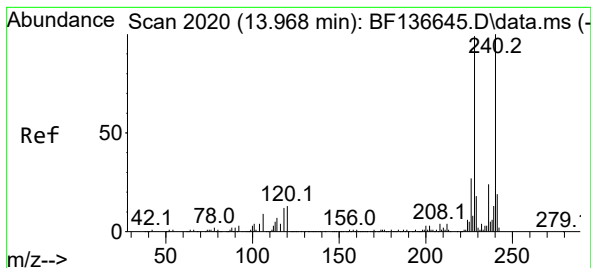
Ion Ratio Lower Upper

248 100

250 194.3 77.8 116.6#

141 417.3 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

Instrument :

BNA_F

ClientSampleId :

MR-301P-25-27

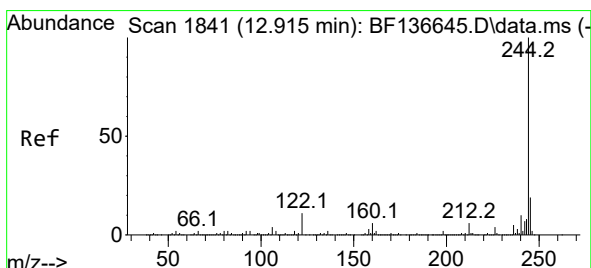
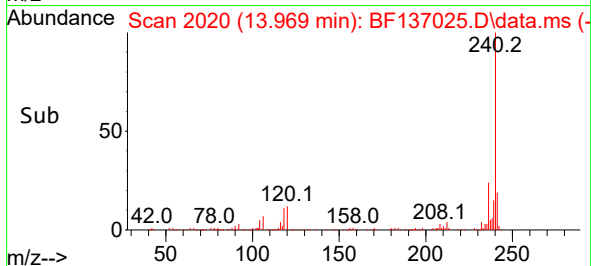
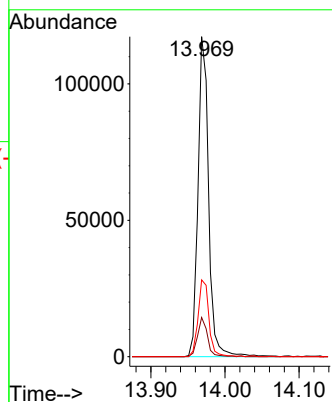
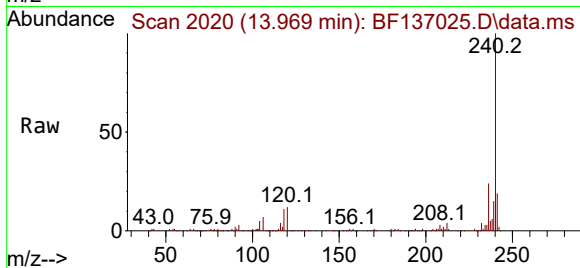
Tgt Ion:240 Resp: 116404

Ion Ratio Lower Upper

240 100

120 12.3 10.3 15.5

236 24.0 19.4 29.2



#79

Terphenyl-d14

Concen: 68.530 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF137025.D

Acq: 10 Jan 2024 17:56

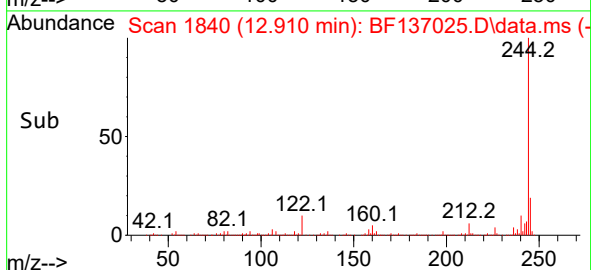
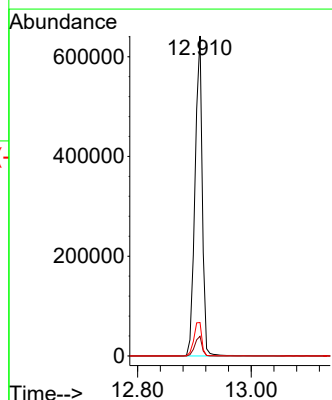
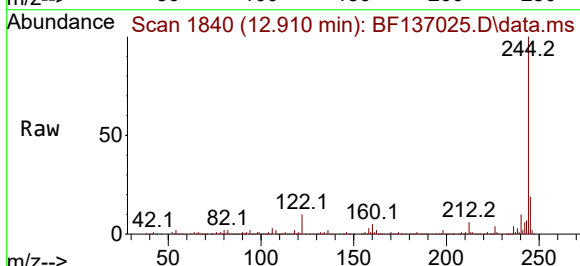
Tgt Ion:244 Resp: 570826

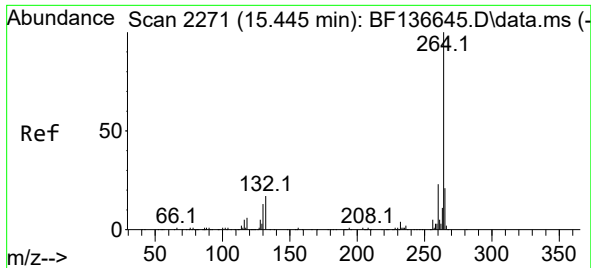
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

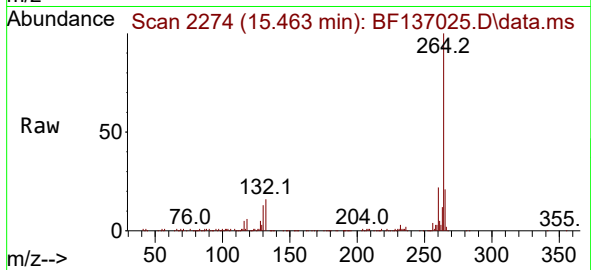
122 10.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF137025.D
 Acq: 10 Jan 2024 17:56

Instrument :
 BNA_F
 ClientSampleId :
 MR-301P-25-27



Tgt Ion:264 Resp: 135312
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.3 27.5
 265 20.9 17.0 25.6

