

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136950.D
 Acq On : 04 Jan 2024 20:15
 Operator : CG\JU
 Sample : 06016-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-4-6

Quant Time: Jan 05 00:43:15 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)

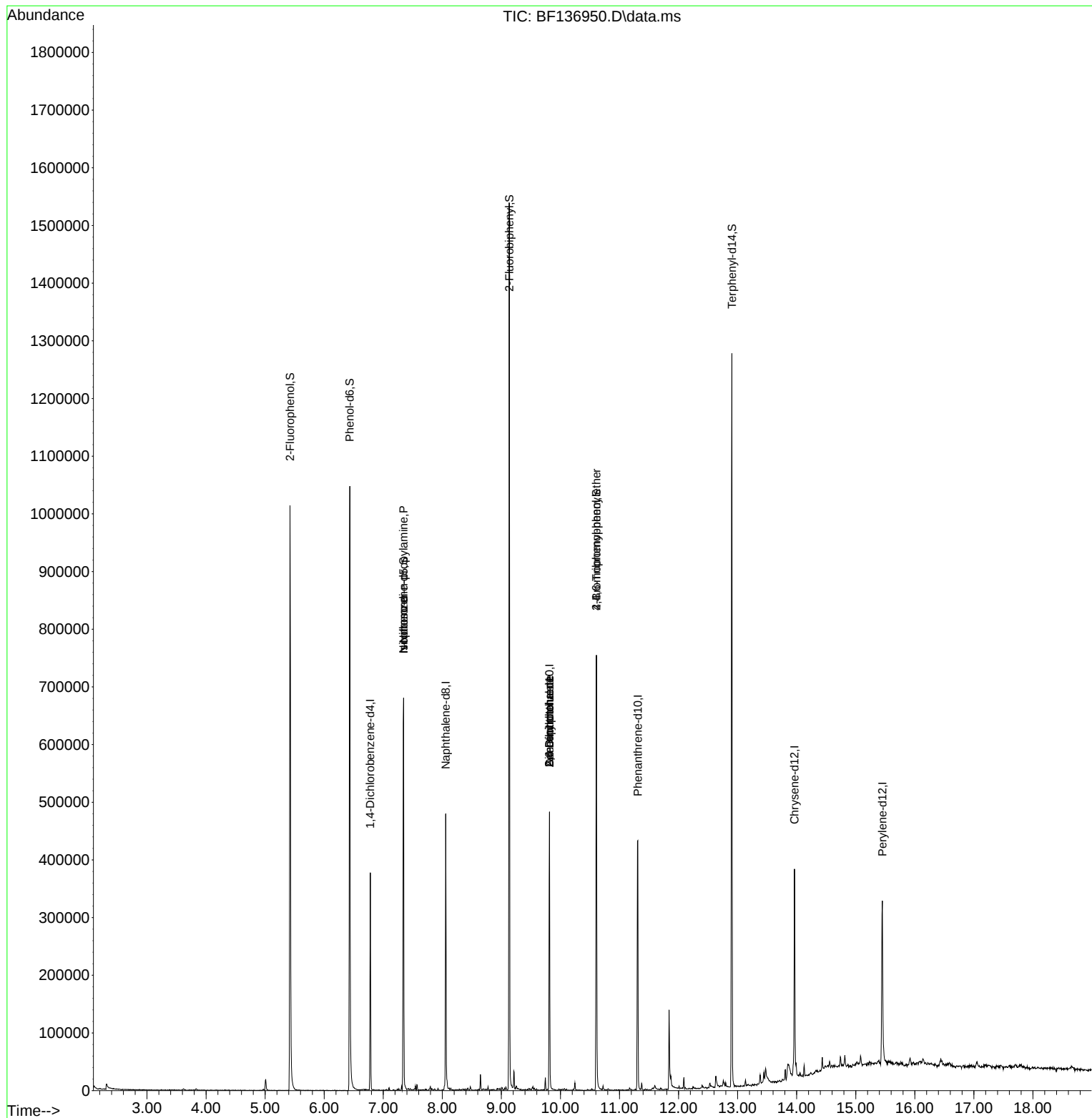
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	50274	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	188020	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	95717	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	175916	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	117555	20.000	ng	0.00
86) Perylene-d12	15.451	264	133428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	278675	86.489	ng	0.00
7) Phenol-d6	6.434	99	351453	84.179	ng	0.00
23) Nitrobenzene-d5	7.345	82	213874	58.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	94696	84.004	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	445635	62.619	ng	-0.02
79) Terphenyl-d14	12.904	244	440500	52.366	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	27328	10.798	ng	# 75
25) Isophorone	7.345	82	213872	31.989	ng	# 65
50) Dimethylphthalate	9.816	163	19428	2.779	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	12189	7.682	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	12189	5.917	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5689	2.912	ng	# 1

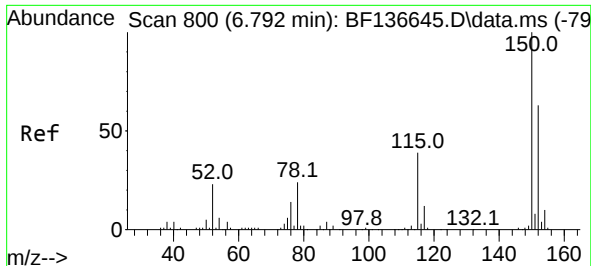
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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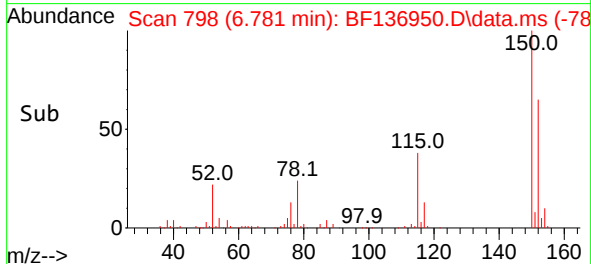
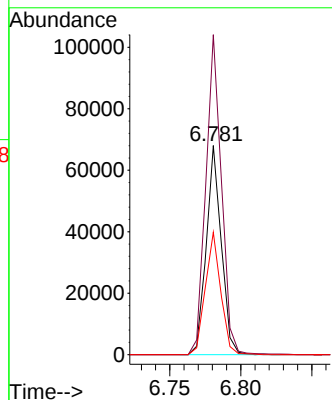
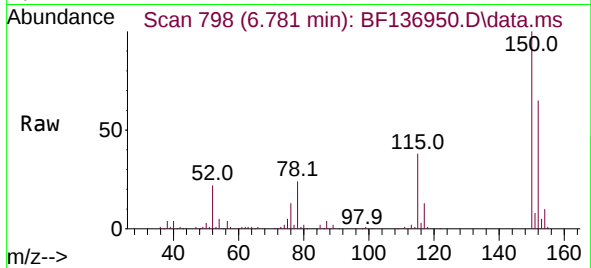




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

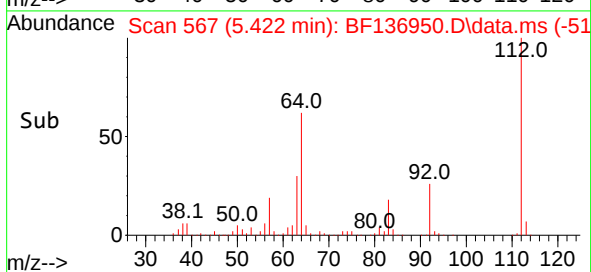
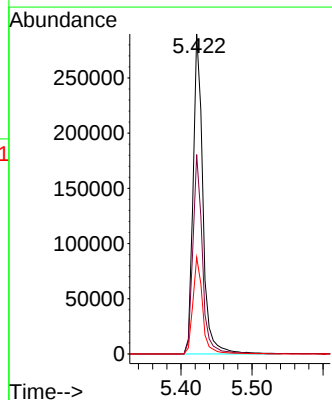
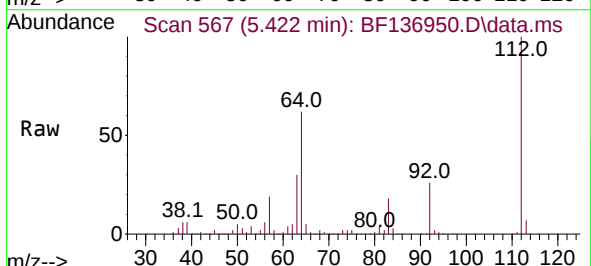
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

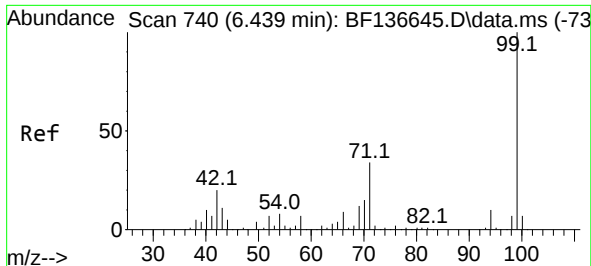
Tgt Ion:152 Resp: 50274
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 86.489 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

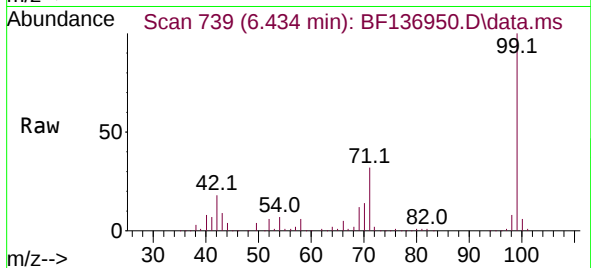
Tgt Ion:112 Resp: 278675
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 30.2 26.1 39.1



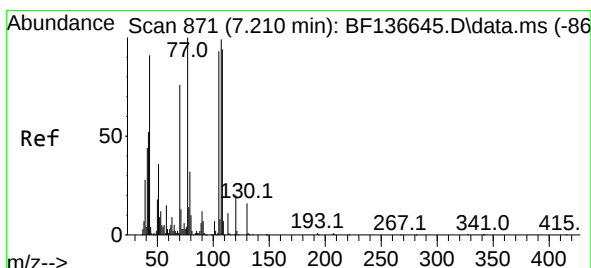
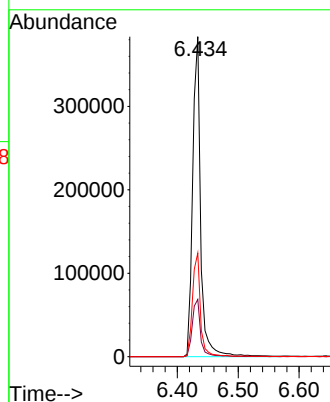
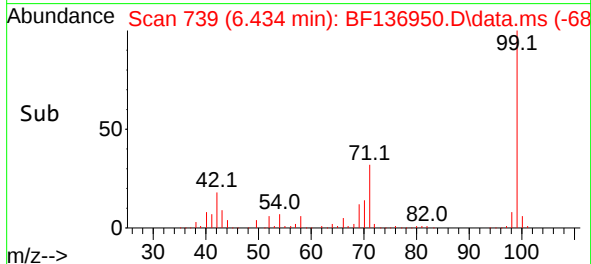


#7
Phenol-d6
Concen: 84.179 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

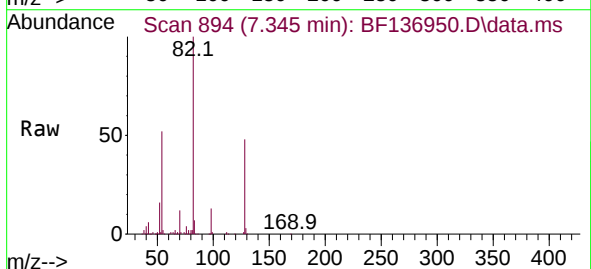
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ClientSampleId :
MR-322-4-6



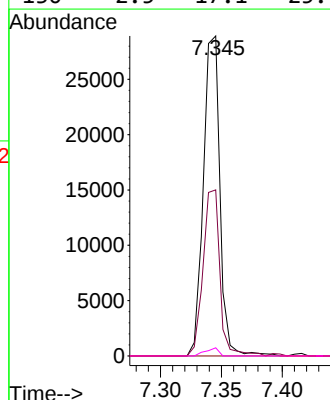
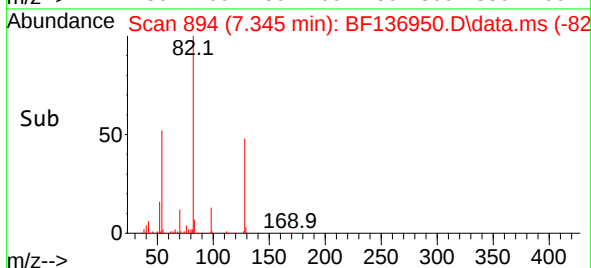
Tgt Ion: 99 Resp: 351453
Ion Ratio Lower Upper
99 100
42 17.9 16.1 24.1
71 32.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.798 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15



Tgt Ion: 70 Resp: 27328
Ion Ratio Lower Upper
70 100
42 51.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#



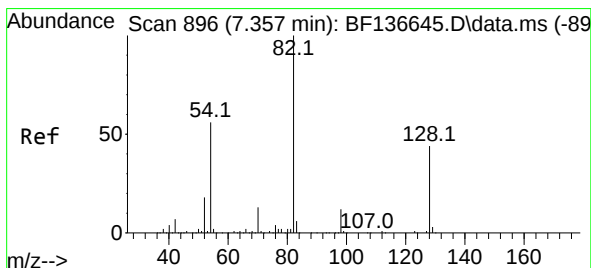
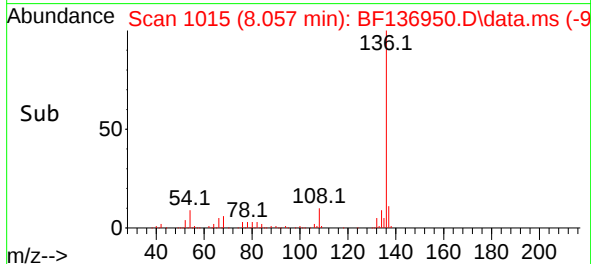
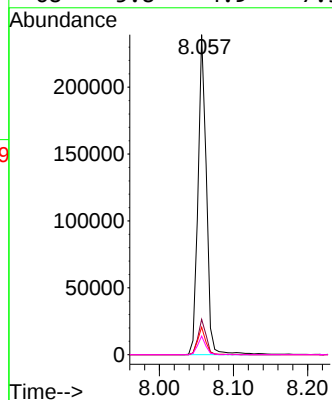
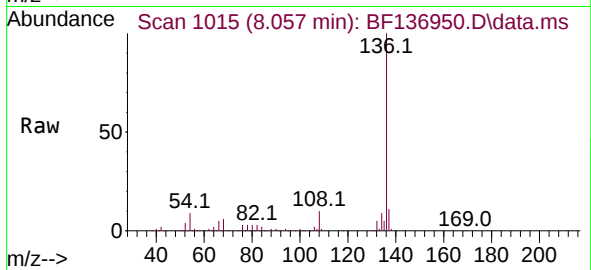


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Tgt Ion:136 Resp: 188020

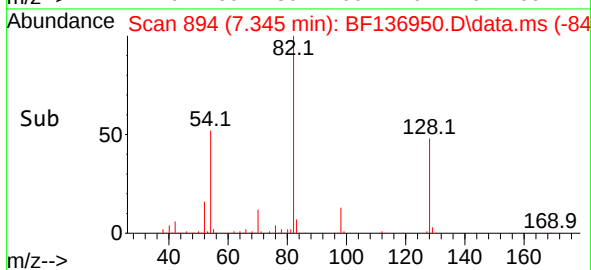
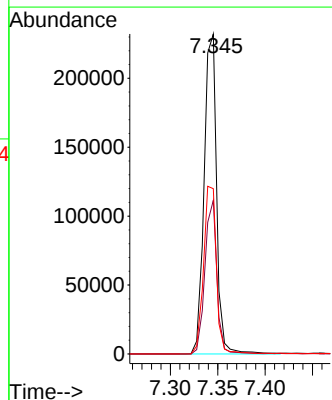
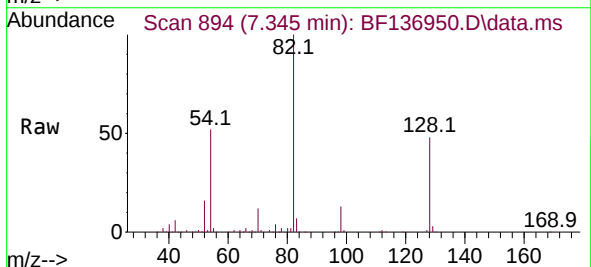
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.6	7.2	10.8
68	5.8	4.9	7.3

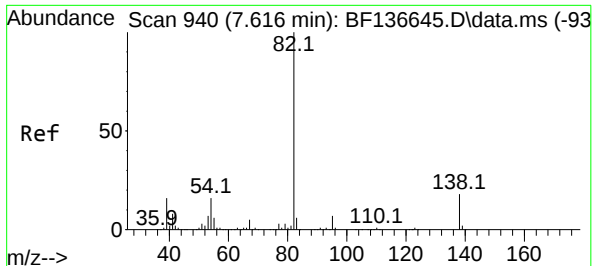


#23
Nitrobenzene-d5
Concen: 58.207 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

Tgt Ion: 82 Resp: 213874

Ion	Ratio	Lower	Upper
82	100		
128	48.0	35.3	52.9
54	51.6	44.5	66.7

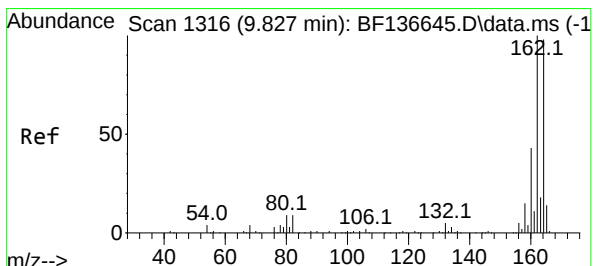
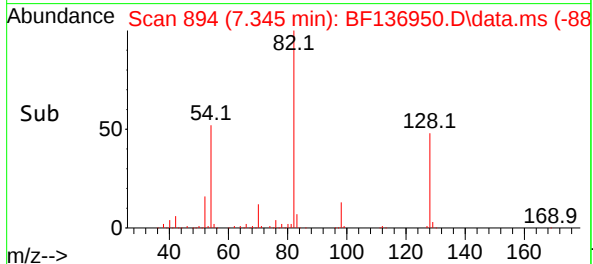
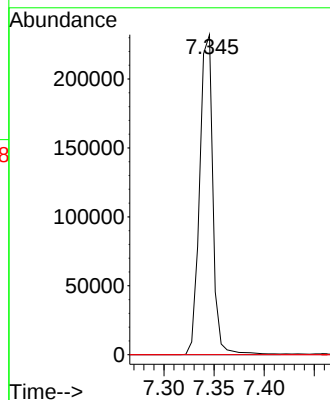
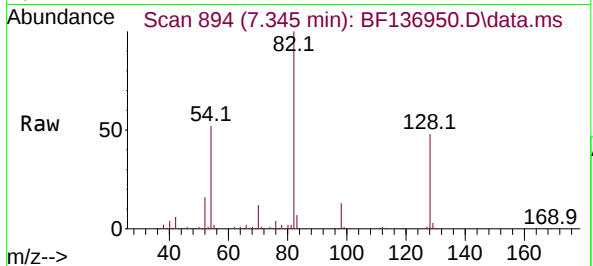




#25
Isophorone
Concen: 31.989 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

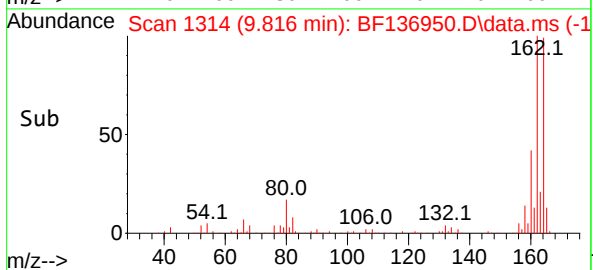
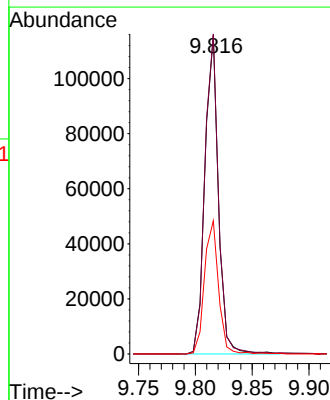
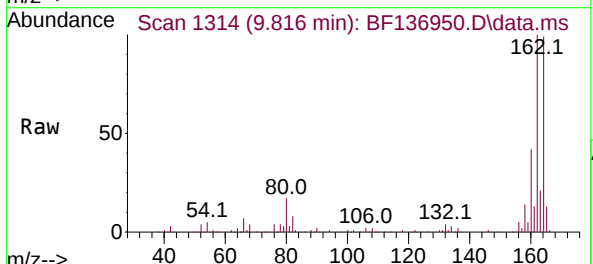
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Tgt Ion: 82 Resp: 213872
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: BF136950.D
Acq: 04 Jan 2024 20:15

Tgt Ion:164 Resp: 95717
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 41.8 34.9 52.3

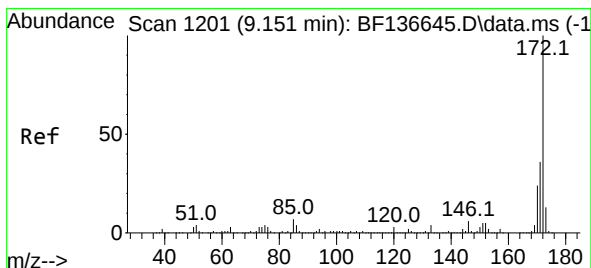
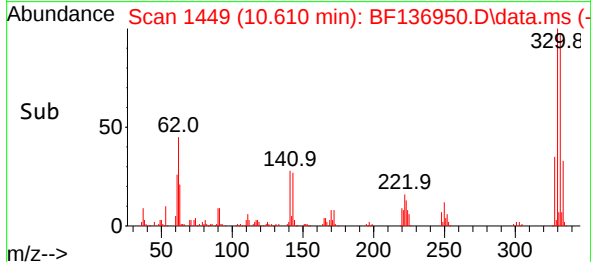
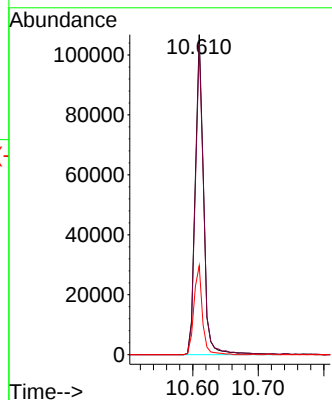
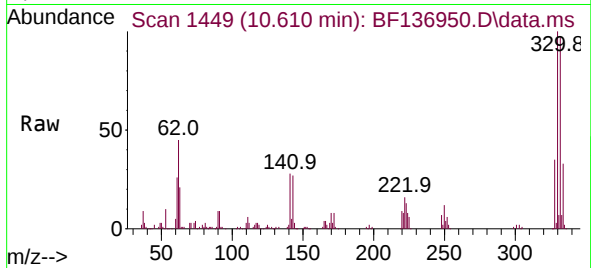




#42
2,4,6-Tribromophenol
Concen: 84.004 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

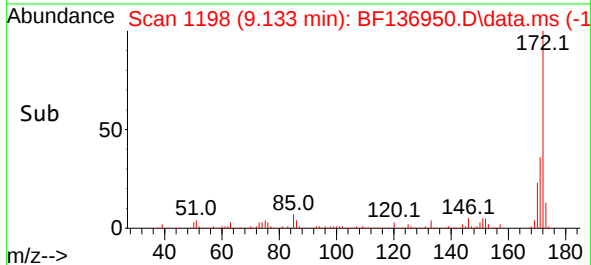
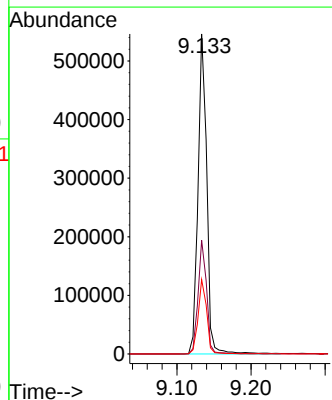
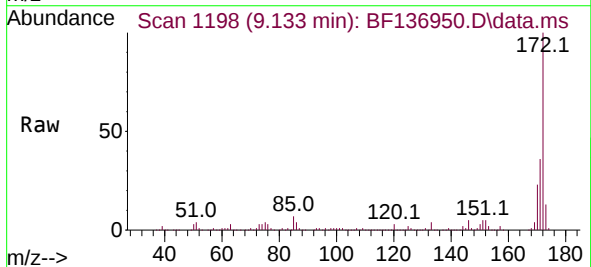
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Tgt Ion:330 Resp: 94696
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 28.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 62.619 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

Tgt Ion:172 Resp: 445635
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.2 19.0 28.4

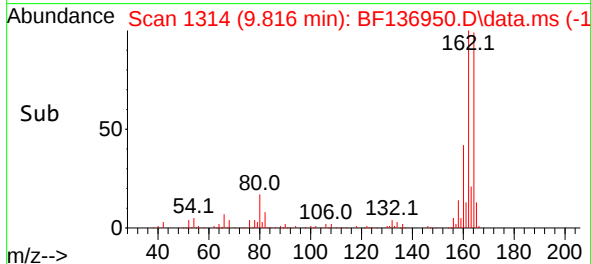
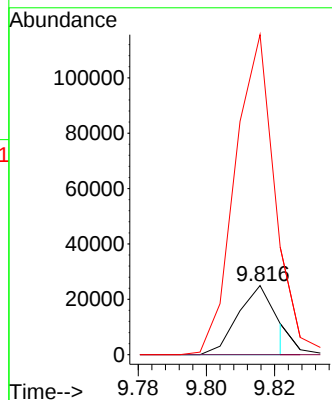
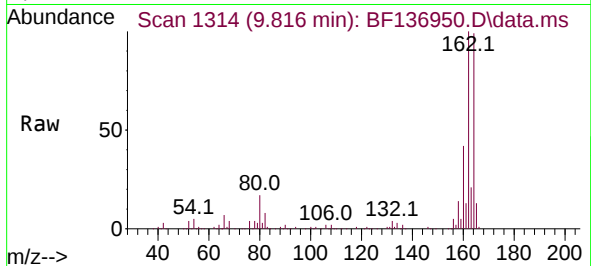




#50
Dimethylphthalate
Concen: 2.779 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

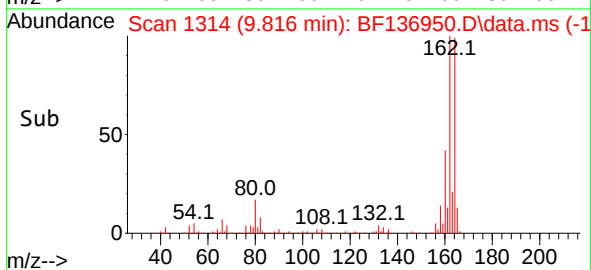
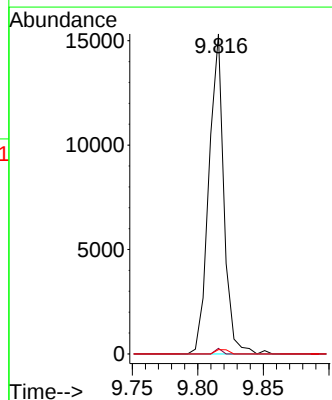
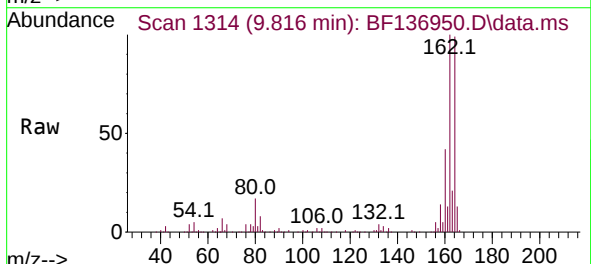
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Tgt Ion:163 Resp: 19428
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 463.3 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.682 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

Tgt Ion:165 Resp: 12189
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.4 38.8 58.2#

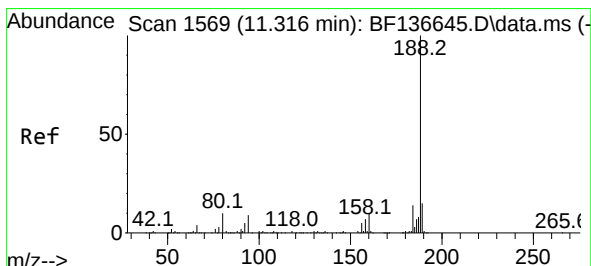
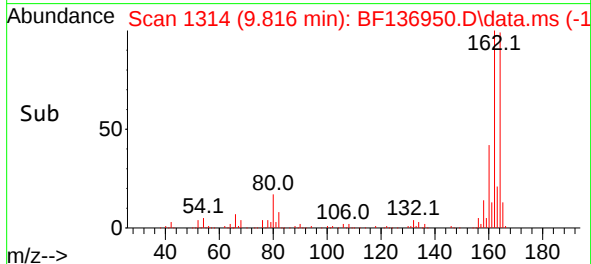
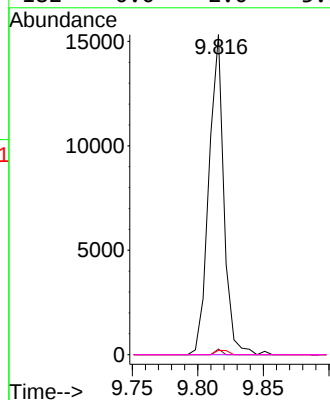
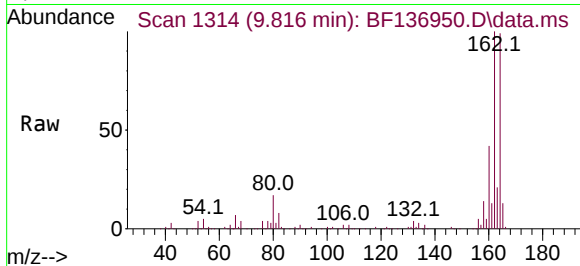




#57
2,4-Dinitrotoluene
Concen: 5.917 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

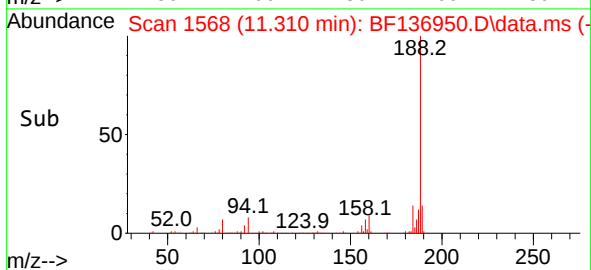
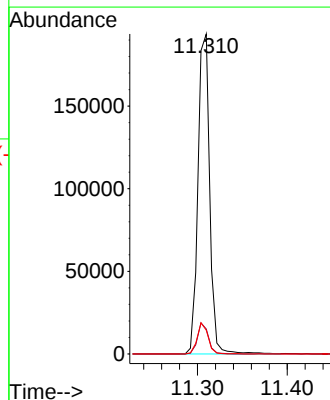
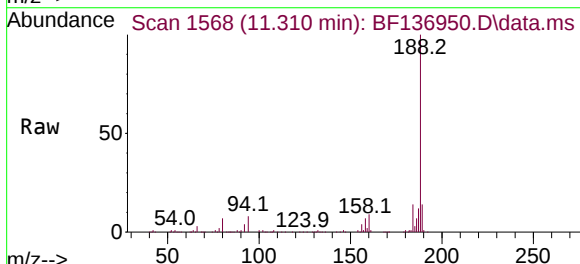
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BNA_F
ClientSampleId :
MR-322-4-6

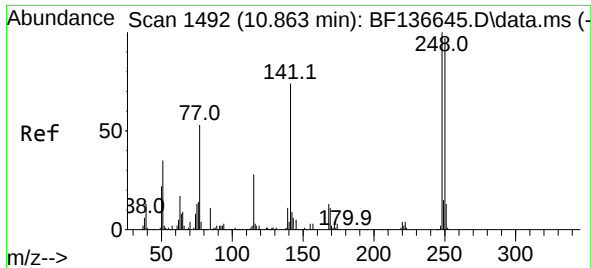
Tgt Ion:165	Resp:	12189
Ion Ratio	Lower	Upper
165	100	
63	1.7	41.0 61.6#
89	1.4	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

Tgt Ion:188	Resp:	175916
Ion Ratio	Lower	Upper
188	100	
94	7.8	7.5 11.3
80	7.4	8.1 12.1#

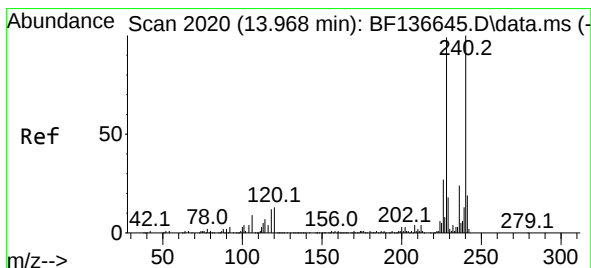
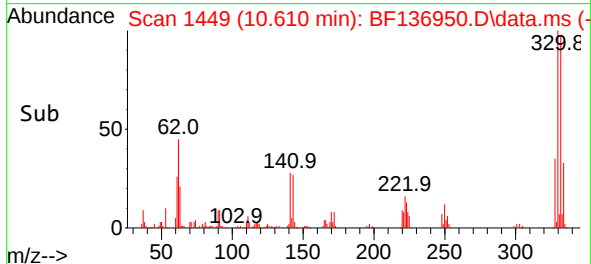
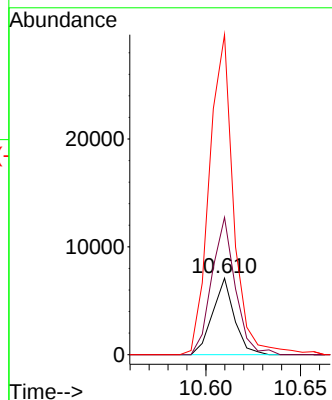
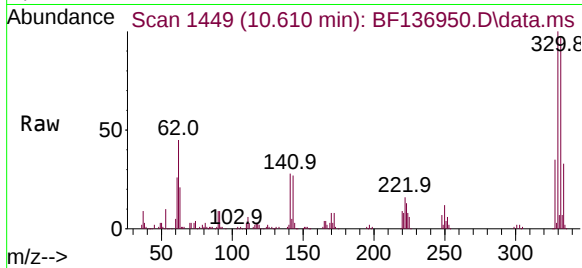




#67
4-Bromophenyl-phenylether
Concen: 2.912 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

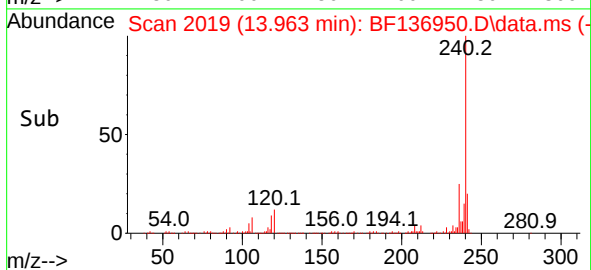
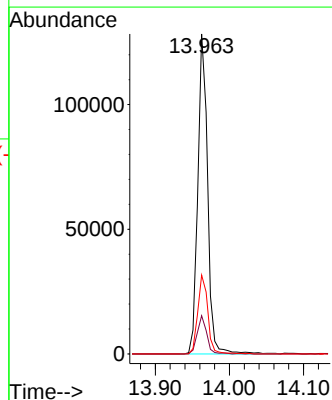
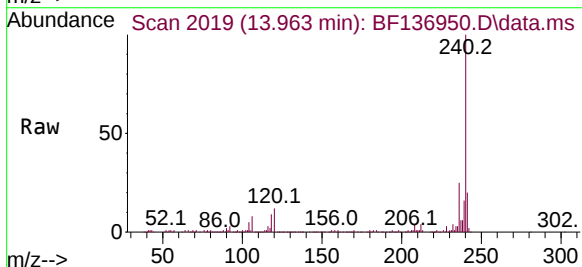
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Tgt Ion:248 Resp: 5689
Ion Ratio Lower Upper
248 100
250 179.5 77.8 116.6#
141 418.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

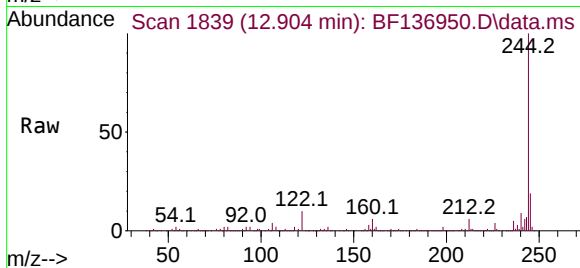
Tgt Ion:240 Resp: 117555
Ion Ratio Lower Upper
240 100
120 11.9 10.3 15.5
236 24.7 19.4 29.2



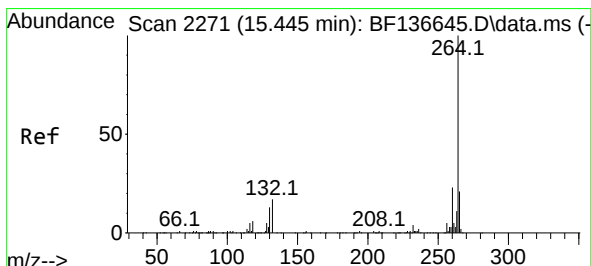
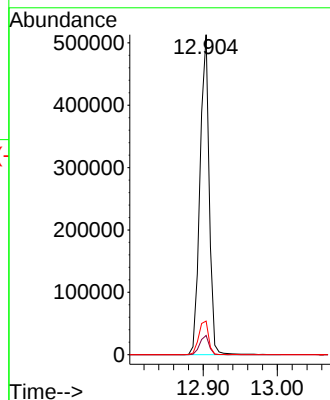
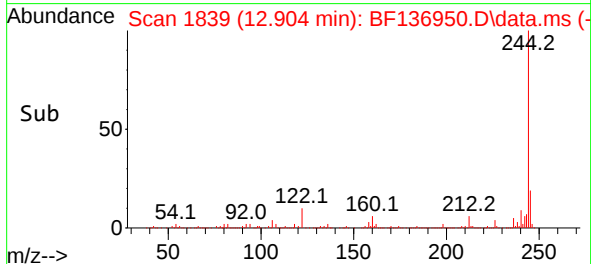


#79
 Terphenyl-d14
 Concen: 52.366 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136950.D
 Acq: 04 Jan 2024 20:15

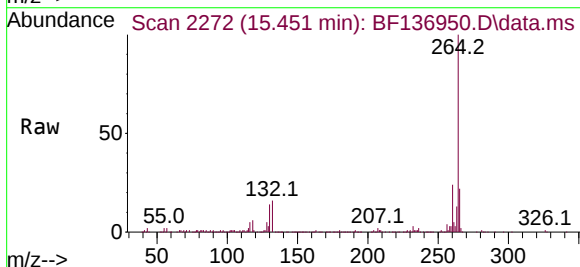
Instrument :
 BNA_F
 ClientSampleId :
 MR-322-4-6



Tgt Ion:244 Resp: 440500
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF136950.D
 Acq: 04 Jan 2024 20:15



Tgt Ion:264 Resp: 133428
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 21.5 17.0 25.6

