

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136791.D
 Acq On : 28 Dec 2023 13:19
 Operator : CG\JU
 Sample : 05926-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7

Quant Time: Dec 28 13:37:35 2023
 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)

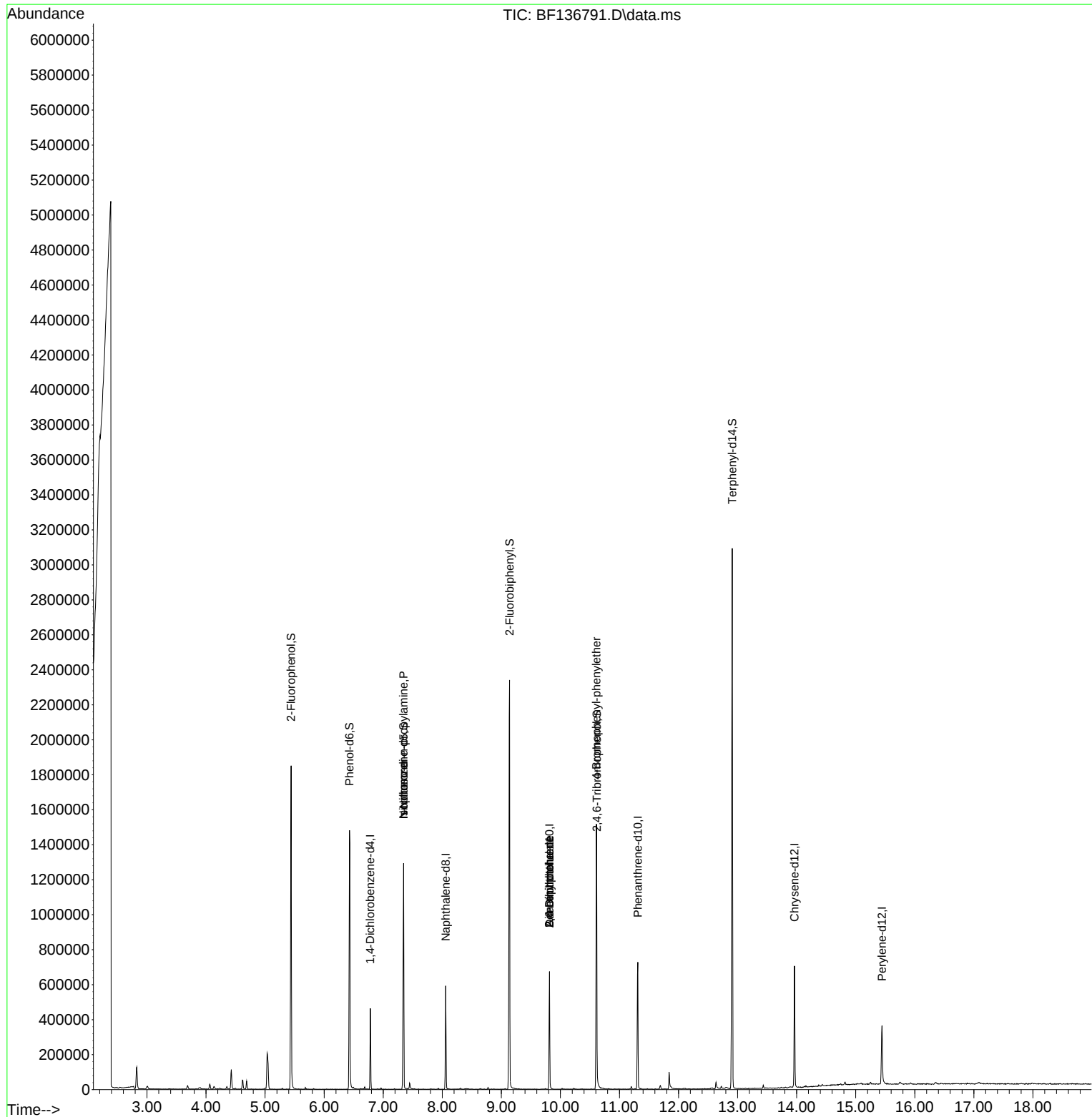
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	63991	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	244524	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	129672	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	278994	20.000	ng	0.00
76) Chrysene-d12	13.963	240	224138	20.000	ng	0.00
86) Perylene-d12	15.445	264	172200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	481453	117.392	ng	0.01
7) Phenol-d6	6.428	99	554607	104.363	ng	-0.01
23) Nitrobenzene-d5	7.346	82	404420	84.632	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	210253	137.674	ng	0.00
45) 2-Fluorobiphenyl	9.140	172	805980	83.598	ng	-0.01
79) Terphenyl-d14	12.910	244	1164053	72.577	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.346	70	53690	16.666	ng	# 72
25) Isophorone	7.346	82	403366	46.390	ng	# 65
50) Dimethylphthalate	9.816	163	25691	2.712	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16150	7.513	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	16150	5.787	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	12705	4.100	ng	# 1

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

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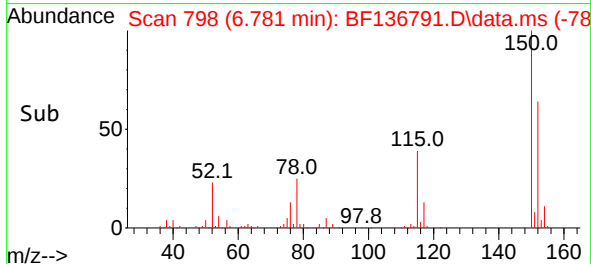
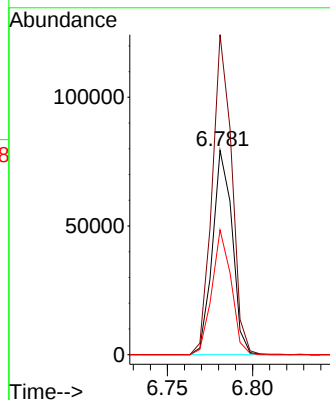
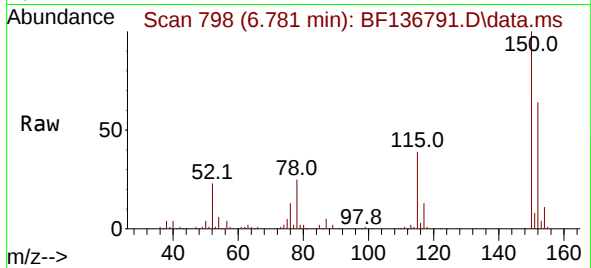




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

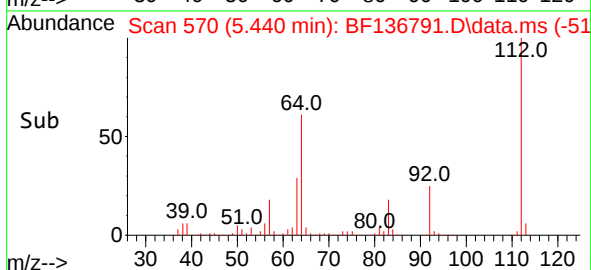
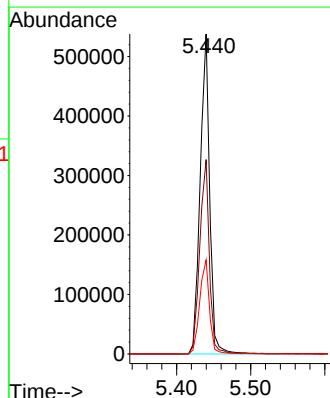
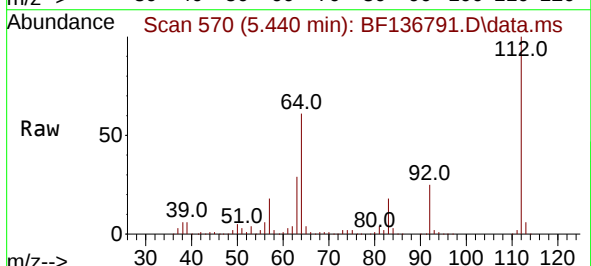
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

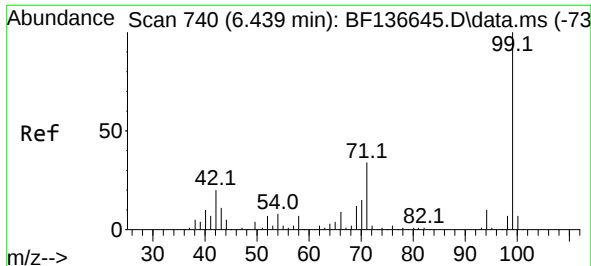
Tgt Ion:152 Resp: 63991
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 117.392 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

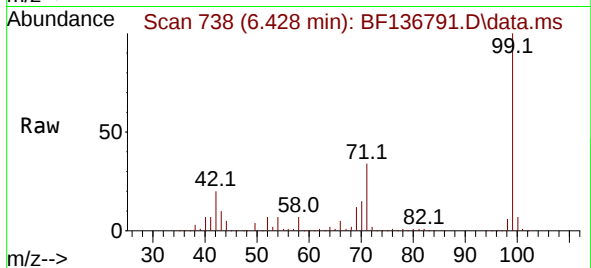
Tgt Ion:112 Resp: 481453
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 29.4 26.1 39.1





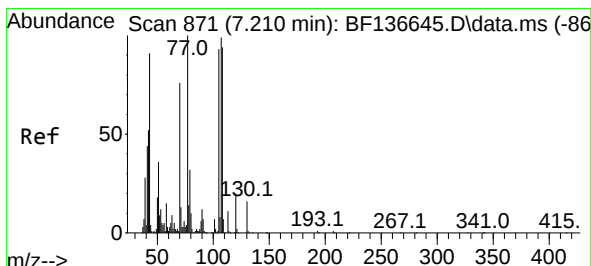
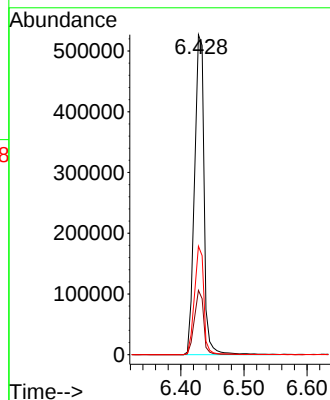
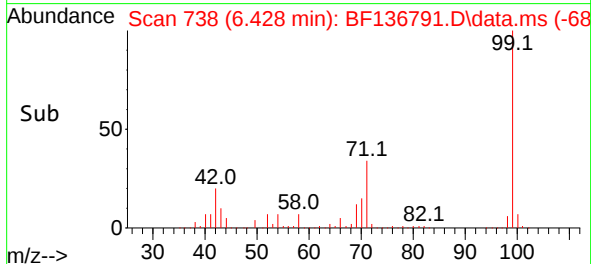
#7
Phenol-d6
Concen: 104.363 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

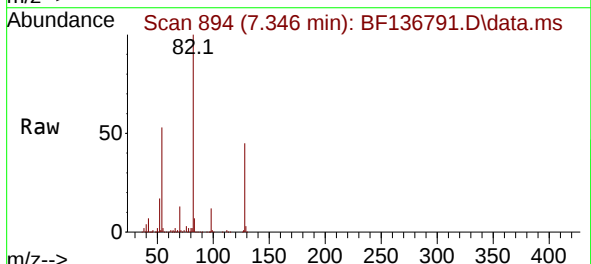


Tgt Ion: 99 Resp: 554607

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.1	24.1
71	33.9	27.4	41.2

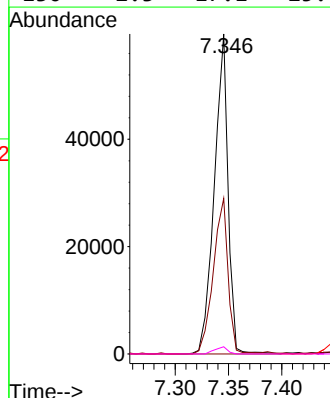
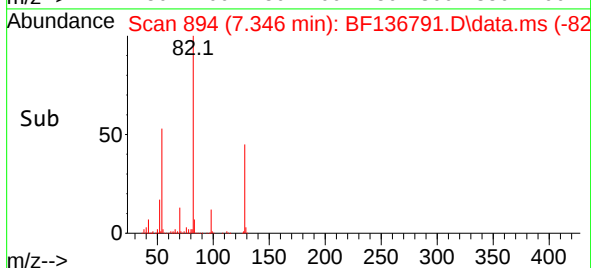


#19
n-Nitroso-di-n-propylamine
Concen: 16.666 ng
RT: 7.346 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19



Tgt Ion: 70 Resp: 53690

Ion	Ratio	Lower	Upper
70	100		
42	48.6	54.2	81.4#
101	0.0	7.6	11.4#
130	2.3	17.1	25.7#



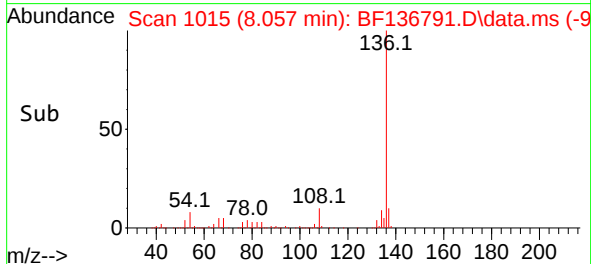
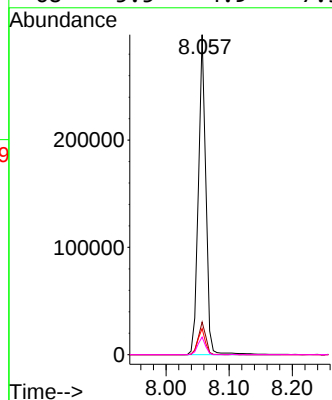
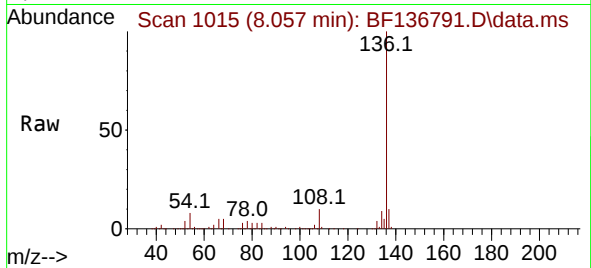


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion:136 Resp: 244524

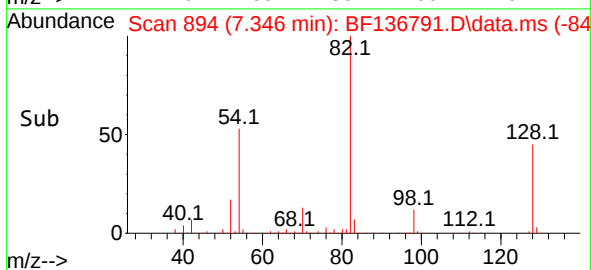
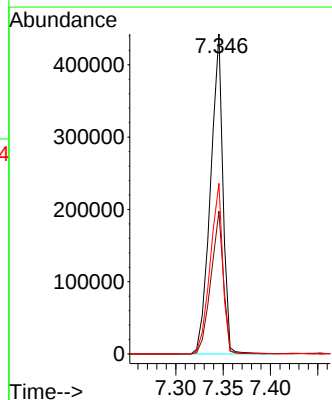
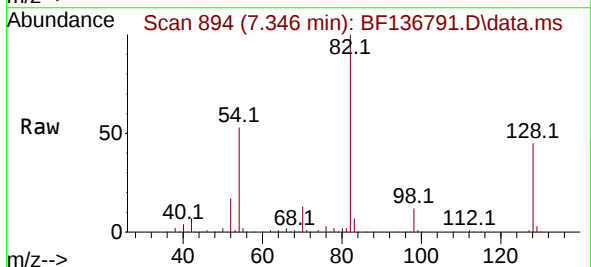
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	8.2	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.632 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.011 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

Tgt Ion: 82 Resp: 404420

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	53.3	44.5	66.7

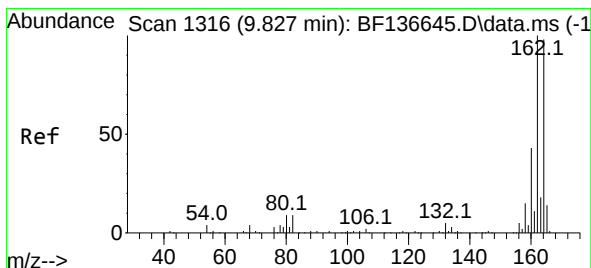
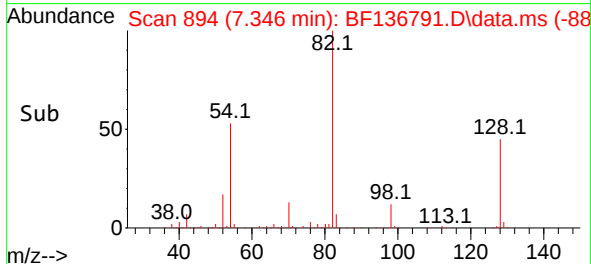
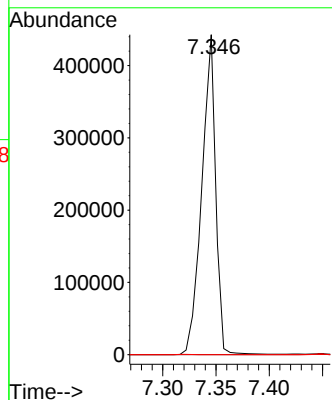
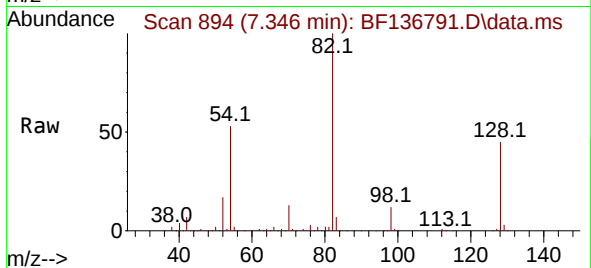




#25
Isophorone
Concen: 46.390 ng
RT: 7.346 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

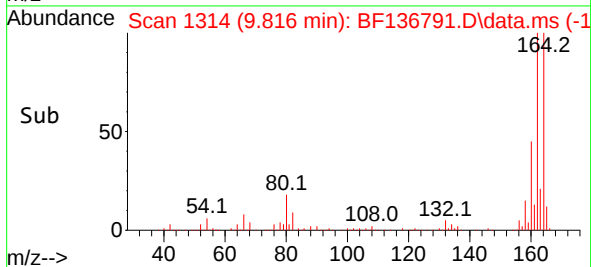
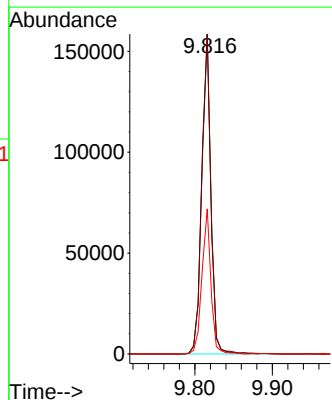
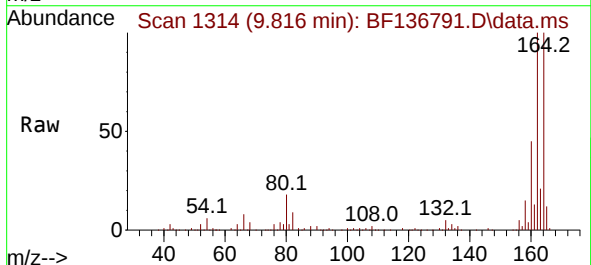
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion: 82 Resp: 403366
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. -0.011 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

Tgt Ion:164 Resp: 129672
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 45.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 137.674 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136791.D

Acq: 28 Dec 2023 13:19

Instrument :

BNA_F

ClientSampleId :

MR-319-3.7-4.7

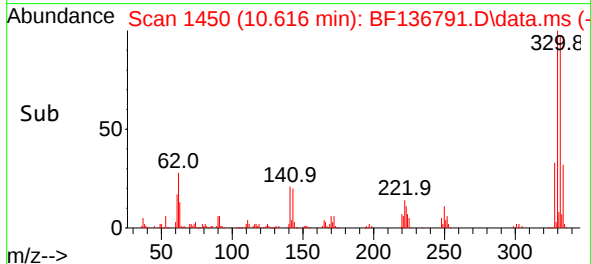
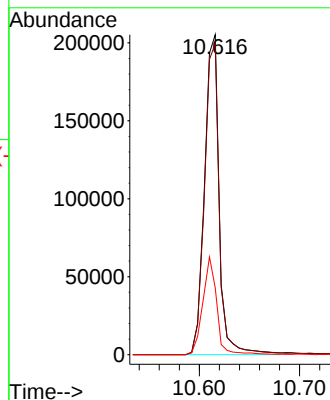
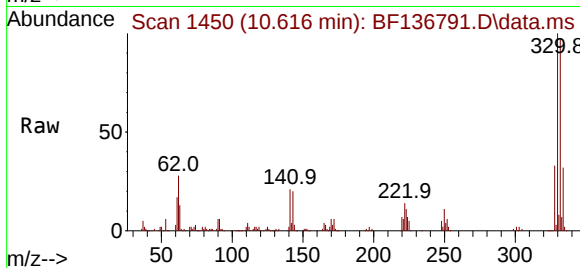
Tgt Ion:330 Resp: 210253

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.0

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.598 ng

RT: 9.140 min Scan# 1199

Delta R.T. -0.011 min

Lab File: BF136791.D

Acq: 28 Dec 2023 13:19

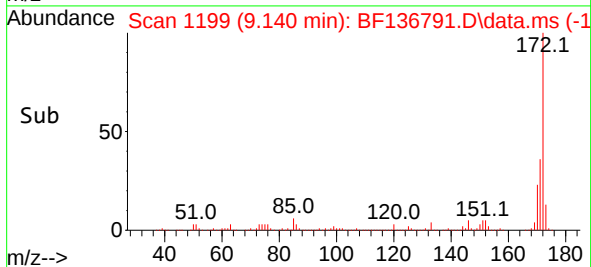
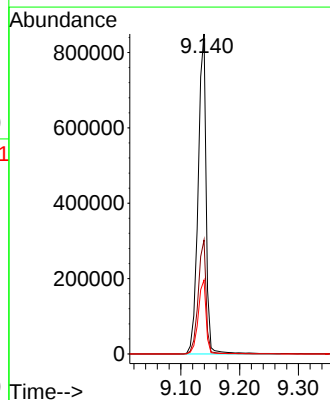
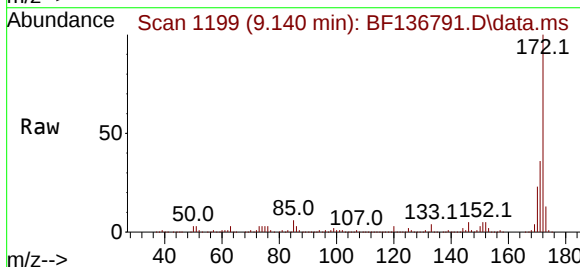
Tgt Ion:172 Resp: 805980

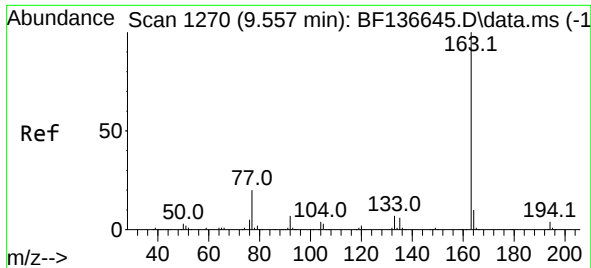
Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.6

170 23.1 19.0 28.4

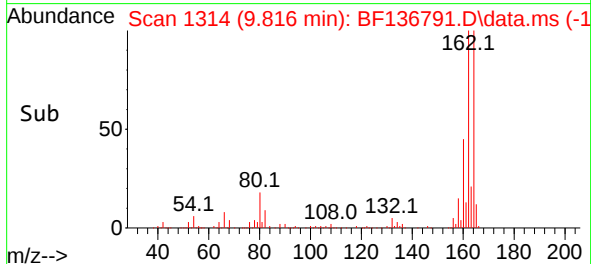
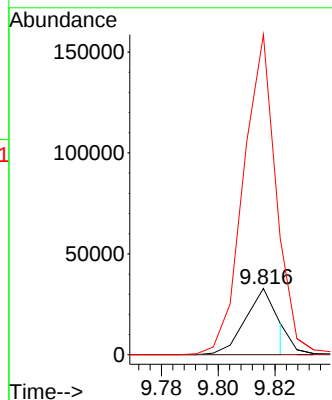
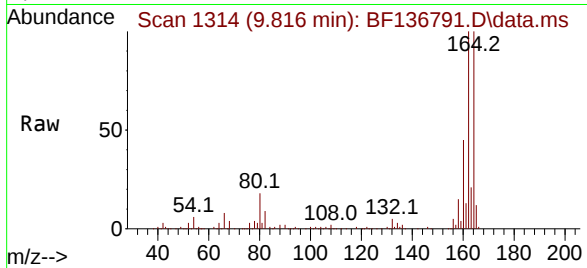




#50
Dimethylphthalate
Concen: 2.712 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

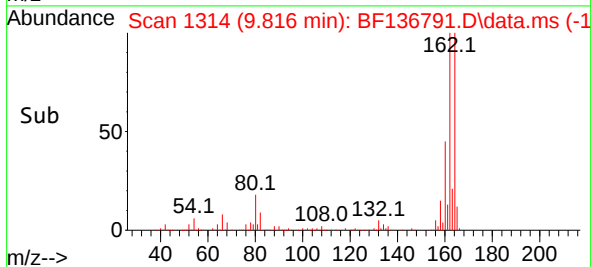
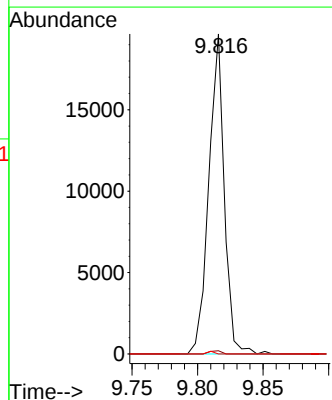
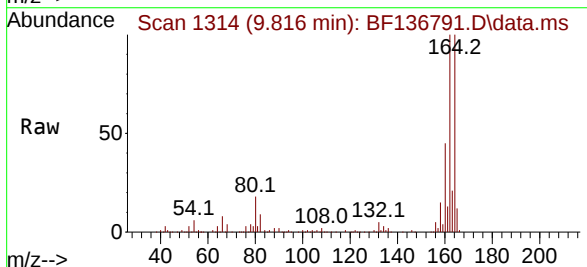
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion:163 Resp: 25691
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 483.4 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.513 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

Tgt Ion:165 Resp: 16150
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.0 38.8 58.2#

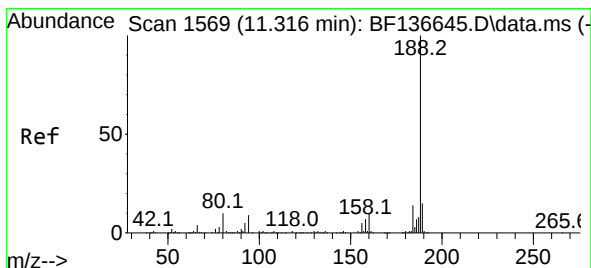
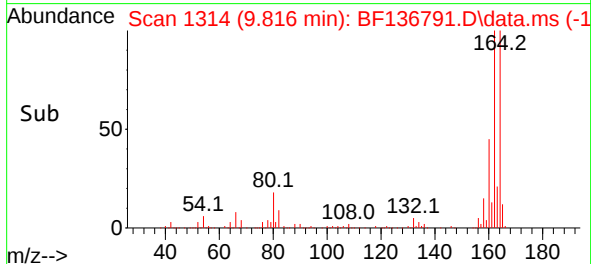
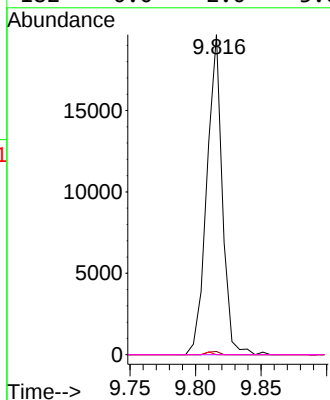
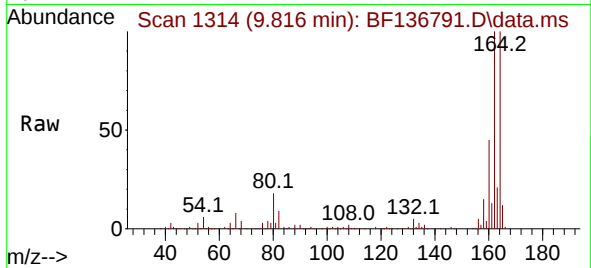




#57
2,4-Dinitrotoluene
Concen: 5.787 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

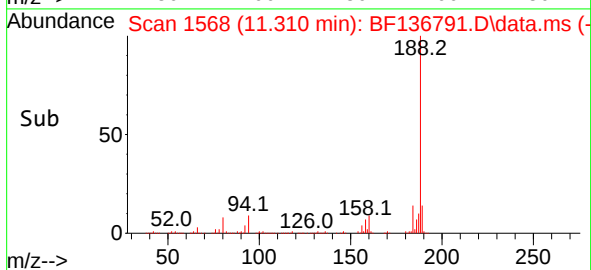
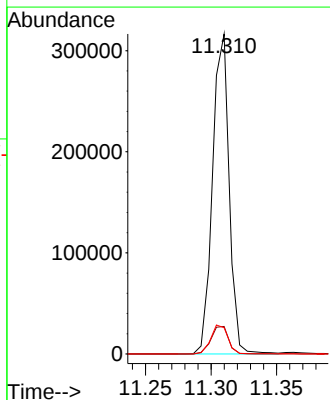
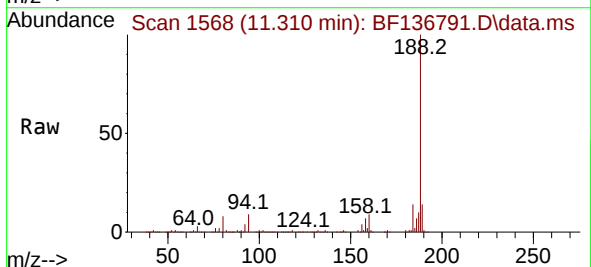
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

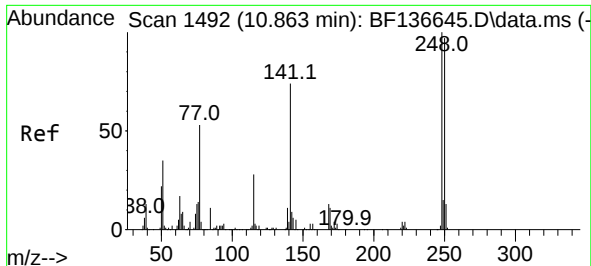
Tgt Ion:165	Resp:	16150
Ion Ratio	Lower	Upper
165	100	
63	1.0	41.0 61.6#
89	0.0	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

Tgt Ion:188	Resp:	278994
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.5 11.3
80	8.2	8.1 12.1

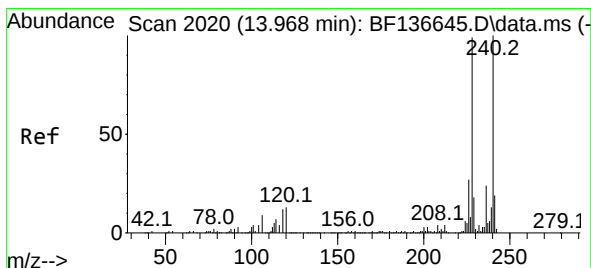
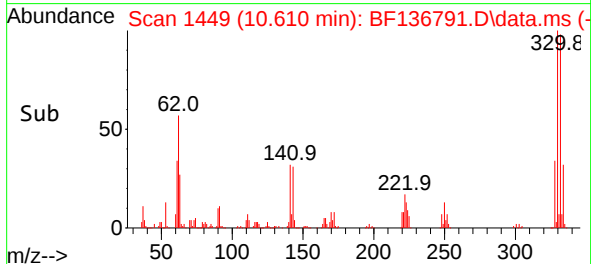
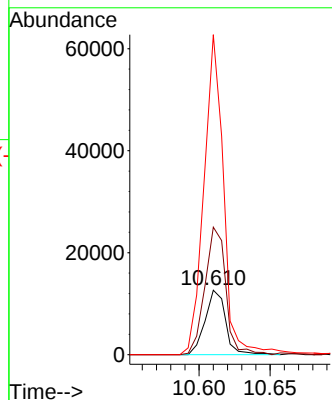
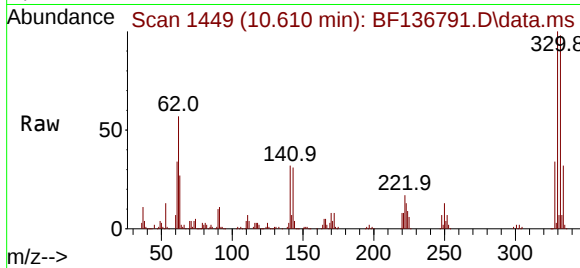




#67
4-Bromophenyl-phenylether
Concen: 4.100 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136791.D
Acq: 28 Dec 2023 13:19

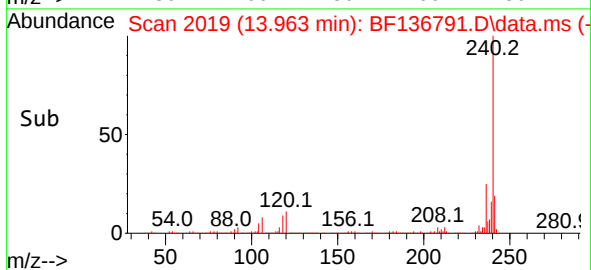
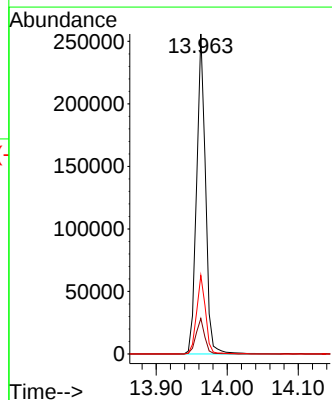
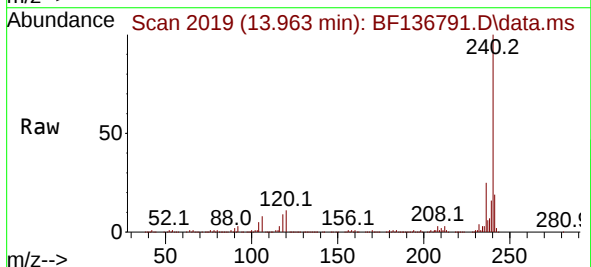
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion:248 Resp: 12705
Ion Ratio Lower Upper
248 100
250 197.6 77.8 116.6#
141 496.0 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: BF136791.D
Acq: 28 Dec 2023 13:19

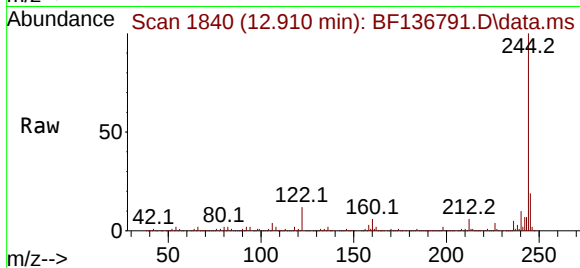
Tgt Ion:240 Resp: 224138
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 24.5 19.4 29.2



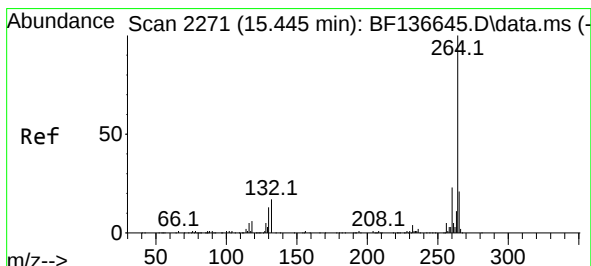
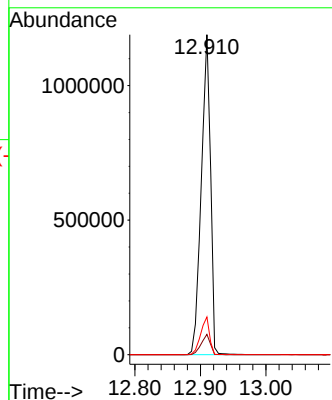
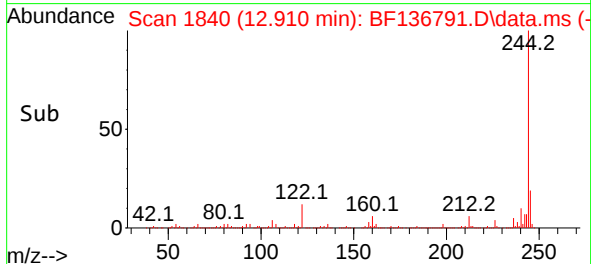


#79
 Terphenyl-d14
 Concen: 72.577 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136791.D
 Acq: 28 Dec 2023 13:19

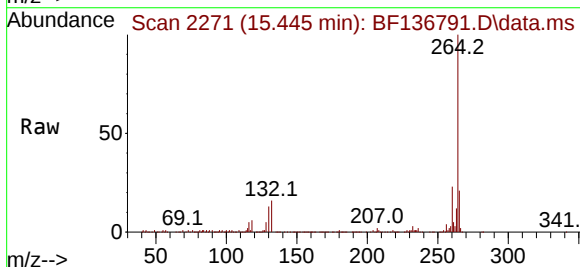
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7



Tgt Ion:244 Resp: 1164053
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136791.D
 Acq: 28 Dec 2023 13:19



Tgt Ion:264 Resp: 172200
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.0 17.0 25.6

