

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136789.D
 Acq On : 28 Dec 2023 12:17
 Operator : CG\JU
 Sample : 05926-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

Quant Time: Dec 28 12:37:41 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)

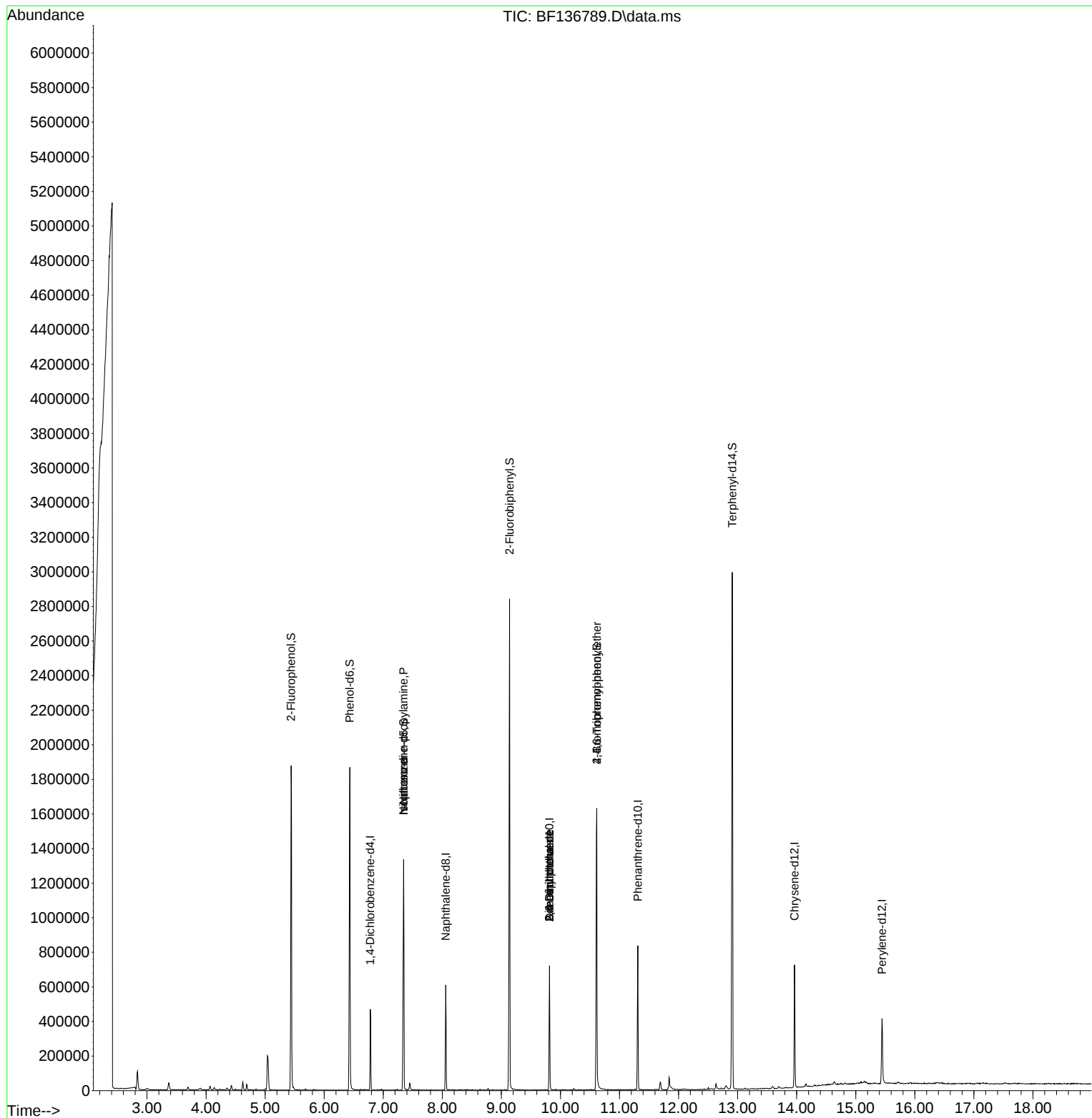
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68320	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	256220	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	136426	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	288924	20.000	ng	0.00
76) Chrysene-d12	13.963	240	240263	20.000	ng	0.00
86) Perylene-d12	15.445	264	191863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	550042	125.618	ng	0.01
7) Phenol-d6	6.434	99	634042	111.751	ng	0.00
23) Nitrobenzene-d5	7.345	82	459249	91.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	235949	146.851	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	887026	87.449	ng	-0.01
79) Terphenyl-d14	12.910	244	1217465	70.813	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	59846	17.400	ng	# 78
25) Isophorone	7.345	82	457956	50.264	ng	# 65
50) Dimethylphthalate	9.816	163	27182	2.728	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17179	7.596	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17179	5.851	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	14117	4.400	ng	# 1

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

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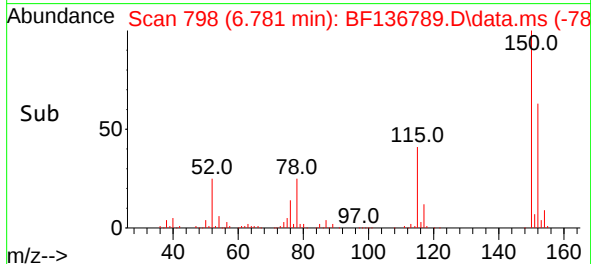
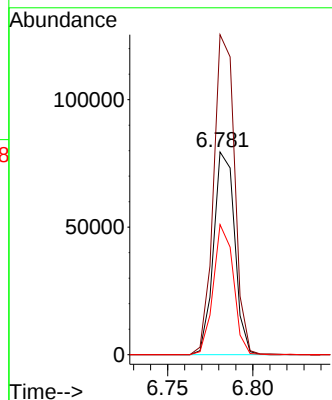
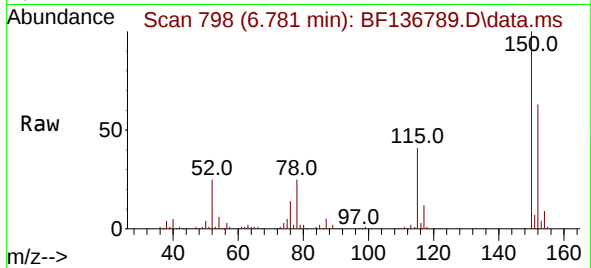




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

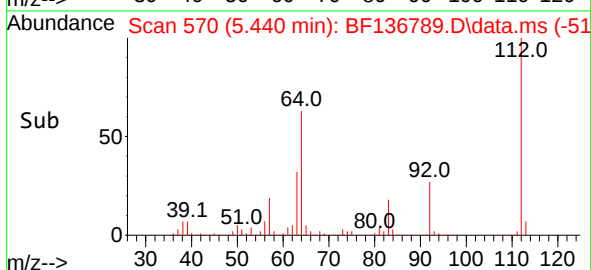
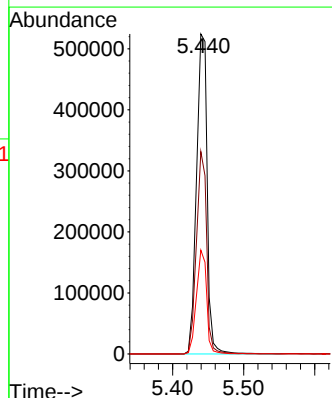
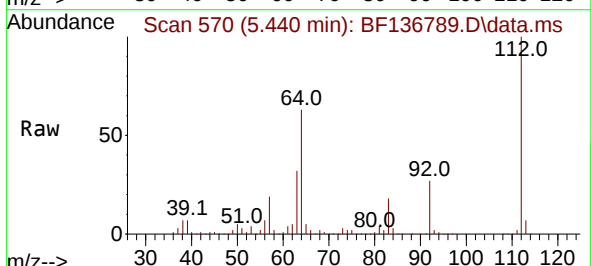
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

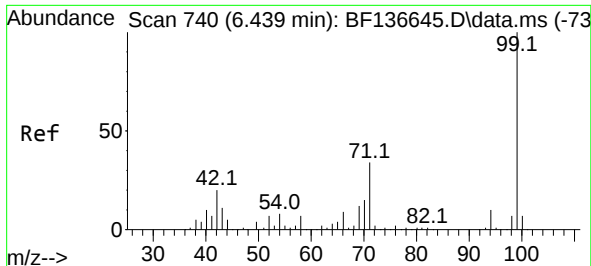
Tgt Ion:152 Resp: 68320
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 64.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 125.618 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

Tgt Ion:112 Resp: 550042
 Ion Ratio Lower Upper
 112 100
 64 63.3 51.1 76.7
 63 32.4 26.1 39.1

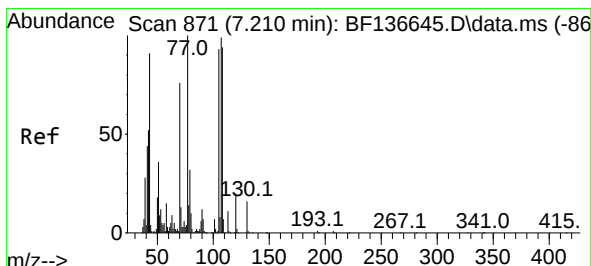
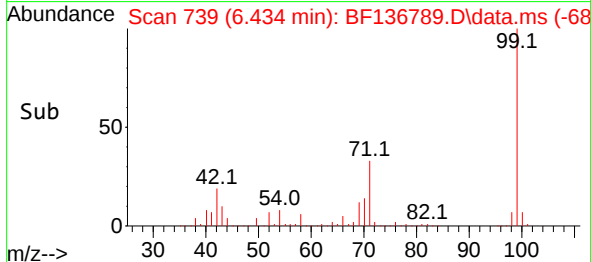
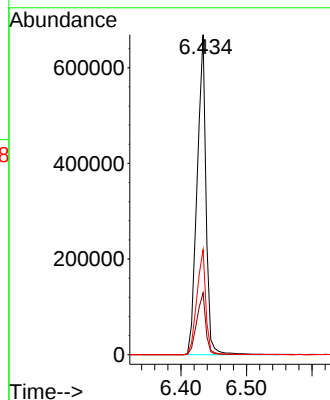
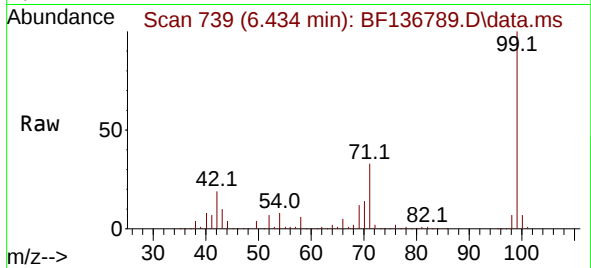




#7
Phenol-d6
Concen: 111.751 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

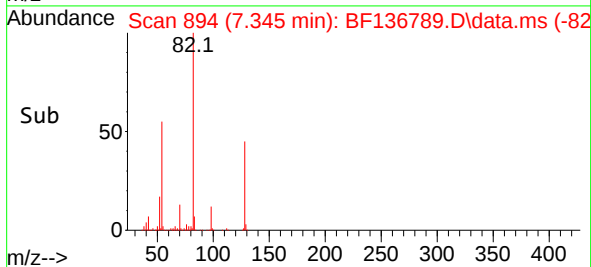
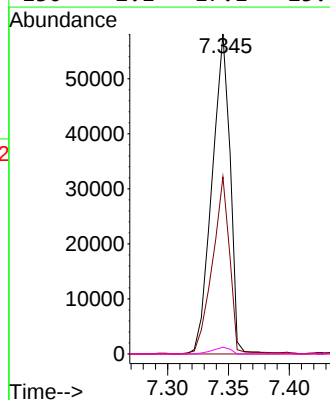
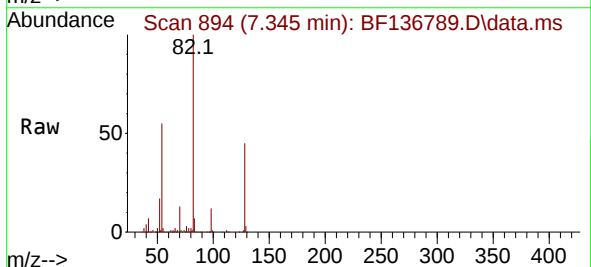
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

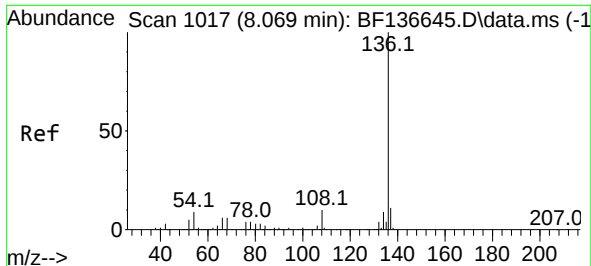
Tgt Ion: 99 Resp: 634042
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.400 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion: 70 Resp: 59846
Ion Ratio Lower Upper
70 100
42 55.4 54.2 81.4
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



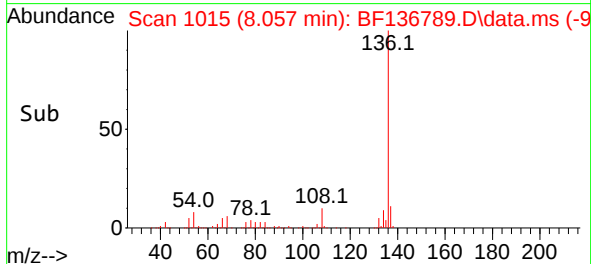
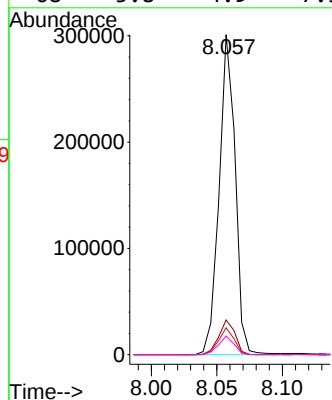
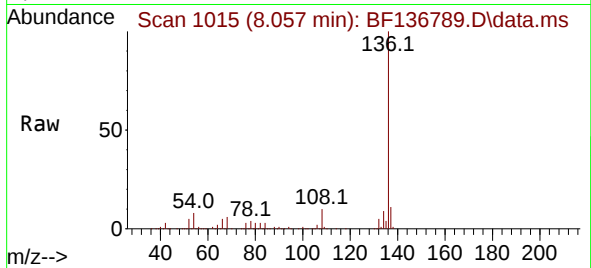


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

Tgt Ion:136 Resp: 256220

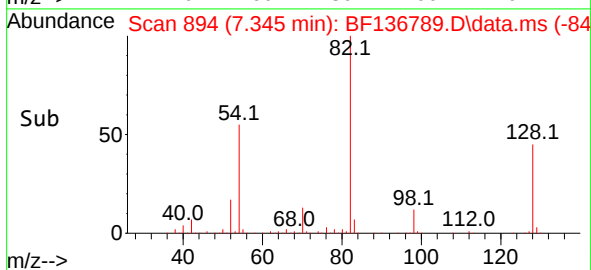
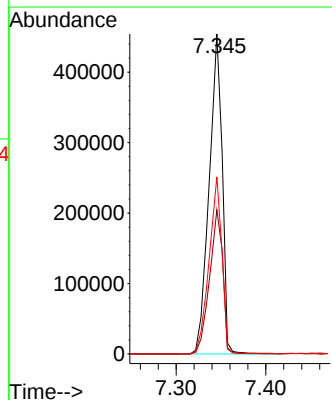
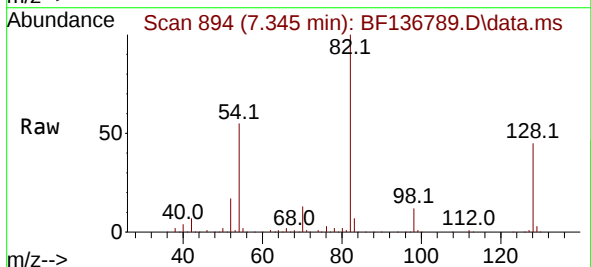
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.4	7.2	10.8
68	5.8	4.9	7.3



#23
Nitrobenzene-d5
Concen: 91.719 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion: 82 Resp: 459249

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.3	52.9
54	55.4	44.5	66.7

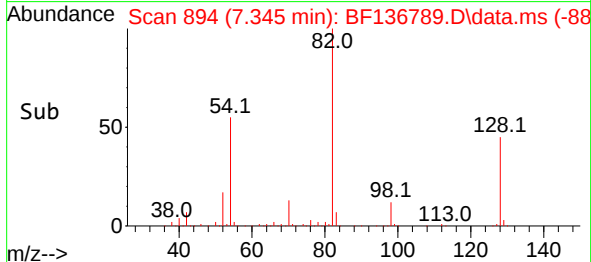
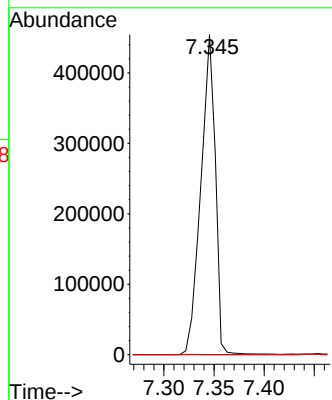
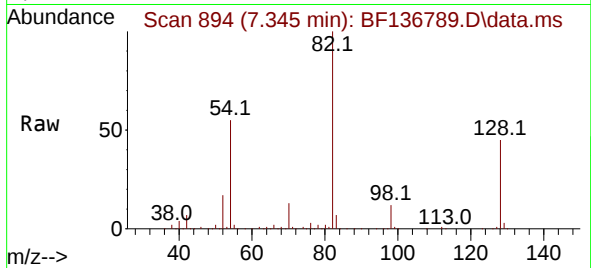




#25
Isophorone
Concen: 50.264 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

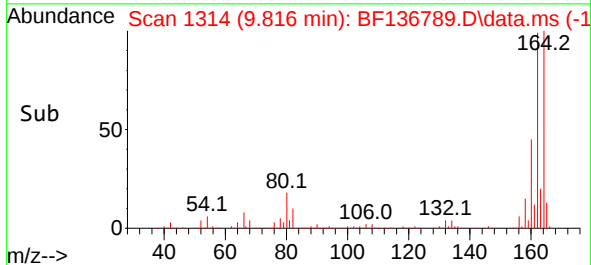
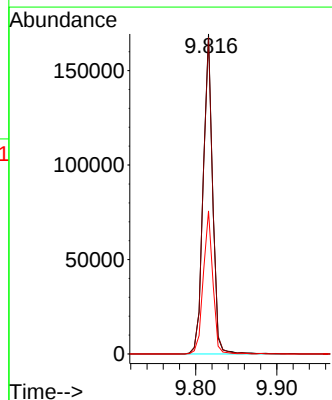
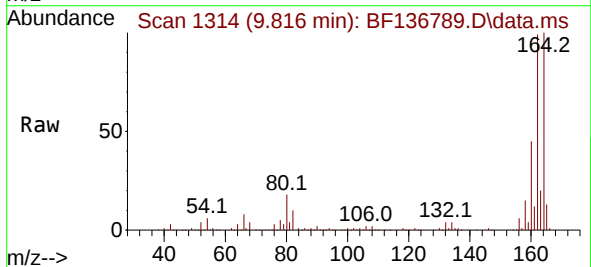
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

Tgt Ion: 82 Resp: 457956
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: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion:164 Resp: 136426
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 44.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 146.851 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136789.D

Acq: 28 Dec 2023 12:17

Instrument :

BNA_F

ClientSampleId :

MR-319-0-2

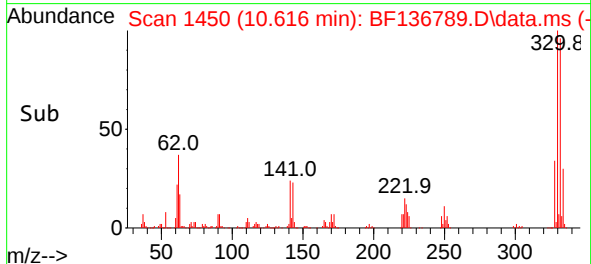
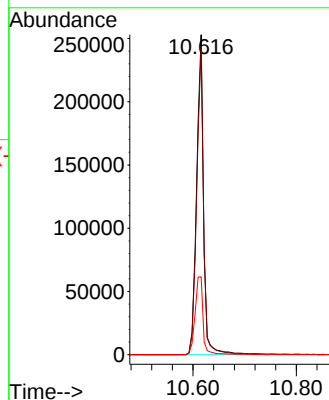
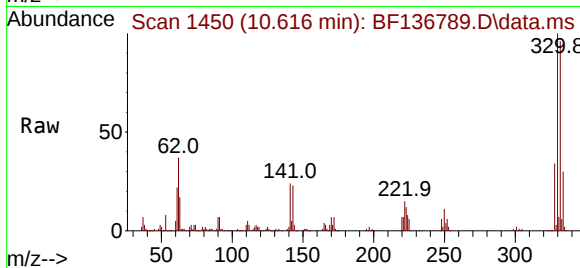
Tgt Ion:330 Resp: 235949

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 87.449 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136789.D

Acq: 28 Dec 2023 12:17

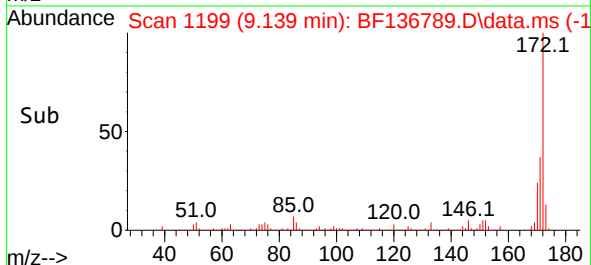
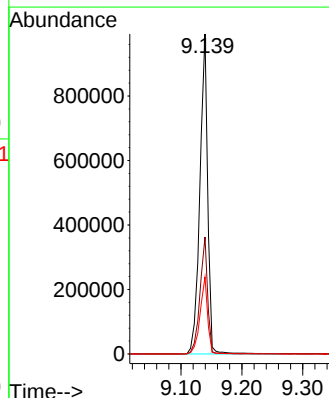
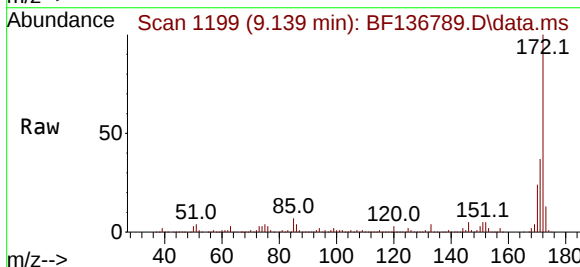
Tgt Ion:172 Resp: 887026

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 24.1 19.0 28.4

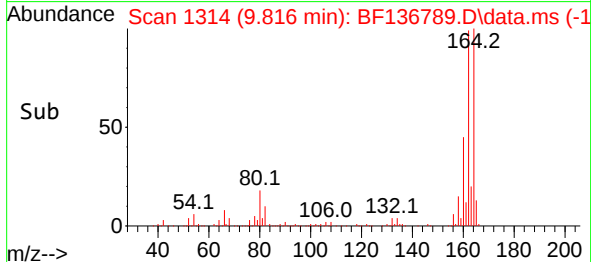
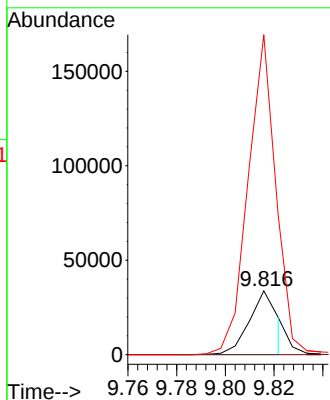
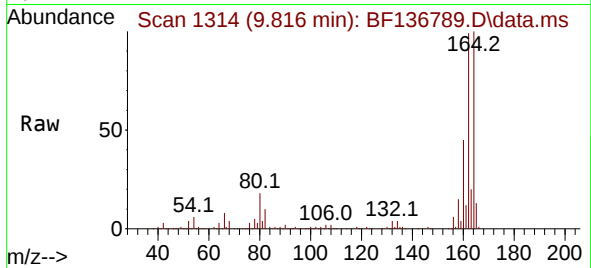




#50
Dimethylphthalate
Concen: 2.728 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

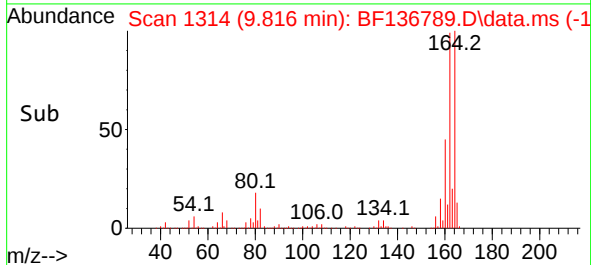
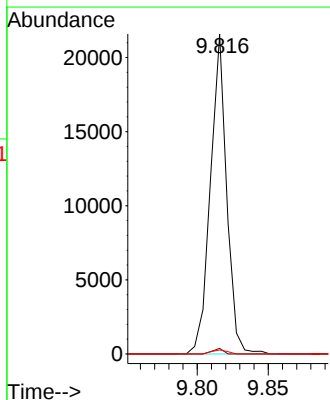
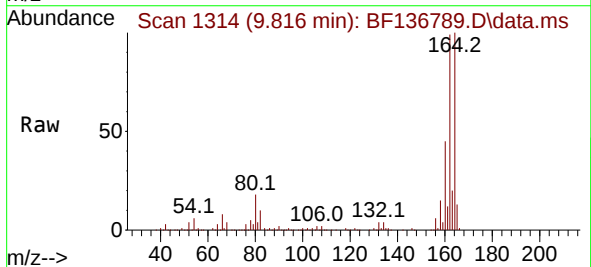
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

Tgt Ion:163 Resp: 27182
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 501.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.596 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion:165 Resp: 17179
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.3 38.8 58.2#

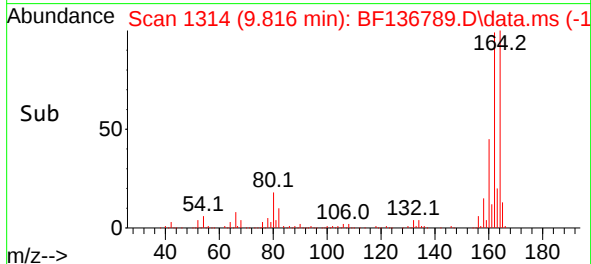
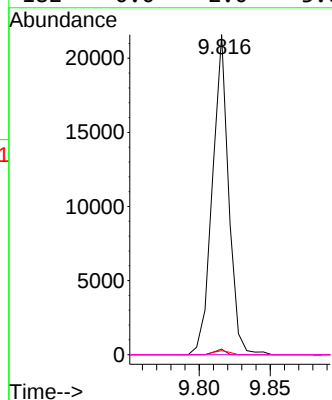
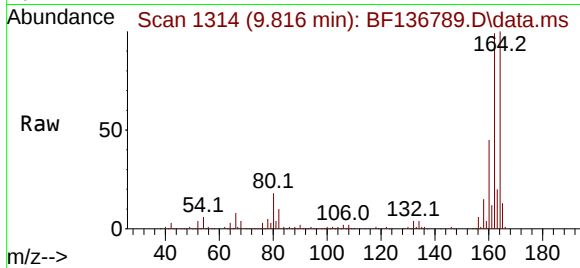




#57
2,4-Dinitrotoluene
Concen: 5.851 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

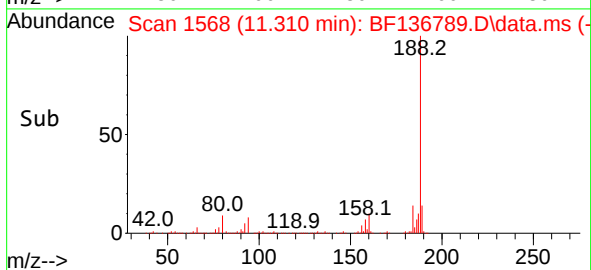
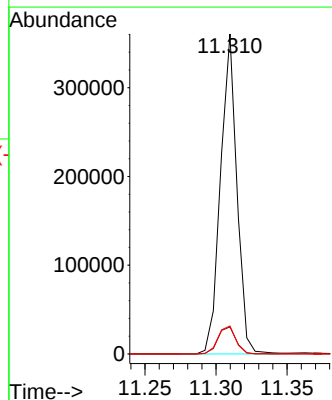
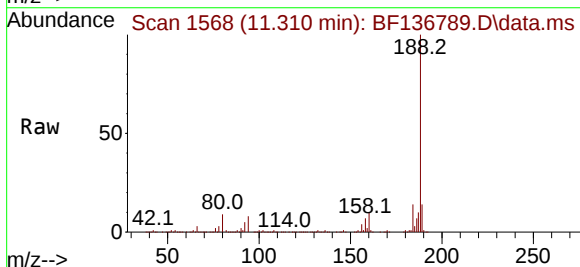
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MR-319-0-2

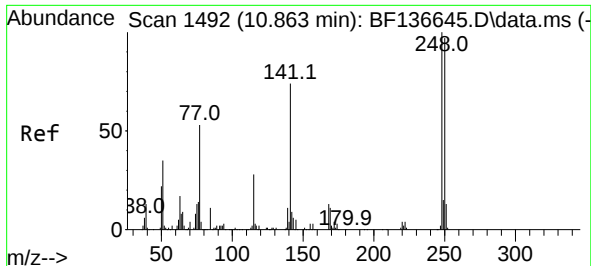
Tgt Ion:165 Resp: 17179
Ion Ratio Lower Upper
165 100
63 1.8 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion:188 Resp: 288924
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.8 8.1 12.1

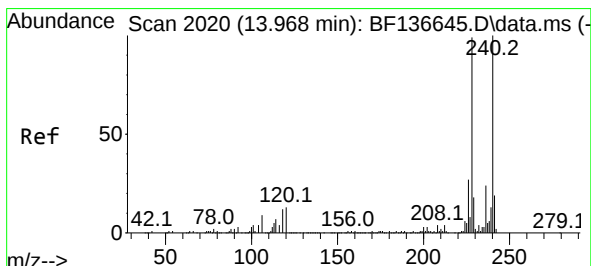
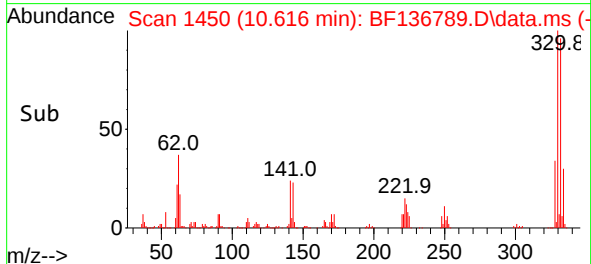
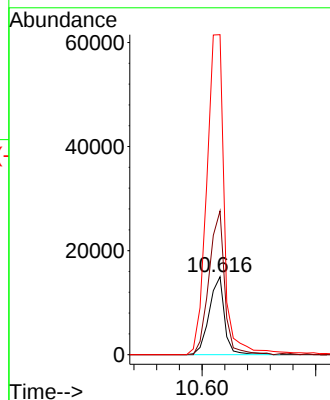
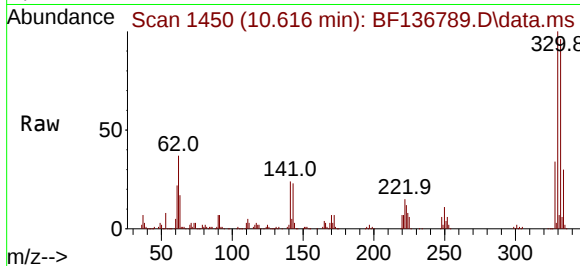




#67
4-Bromophenyl-phenylether
Concen: 4.400 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

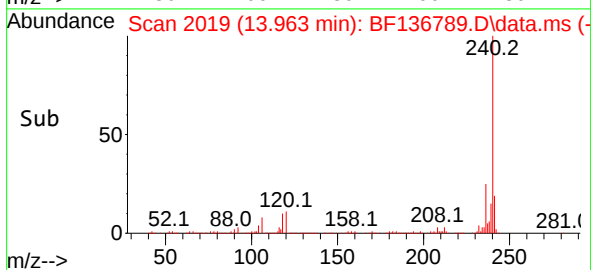
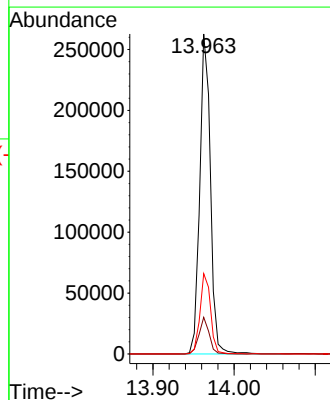
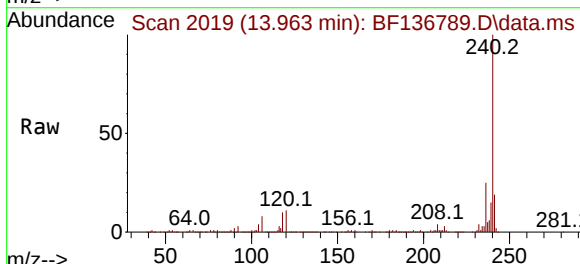
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

Tgt Ion:248 Resp: 14117
Ion Ratio Lower Upper
248 100
250 184.4 77.8 116.6#
141 410.5 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: BF136789.D
Acq: 28 Dec 2023 12:17

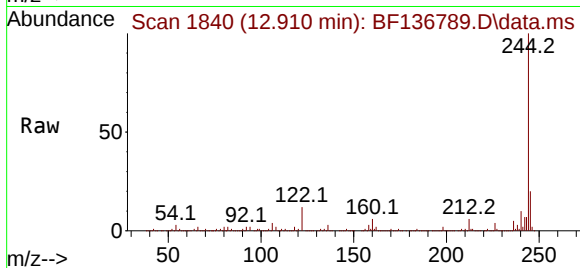
Tgt Ion:240 Resp: 240263
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 25.1 19.4 29.2



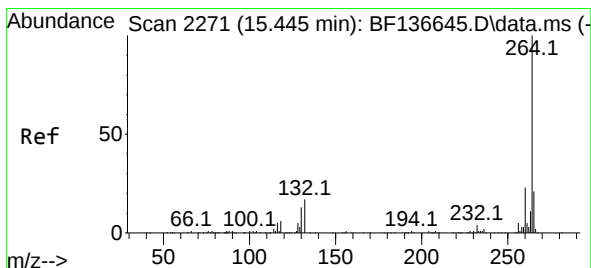
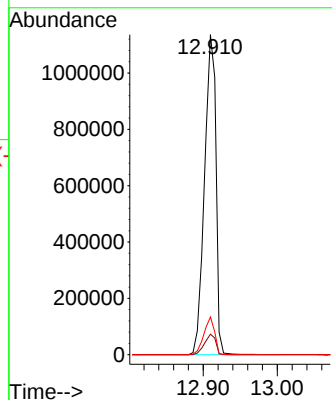
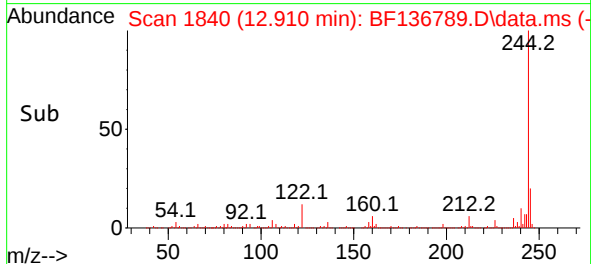


#79
 Terphenyl-d14
 Concen: 70.813 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

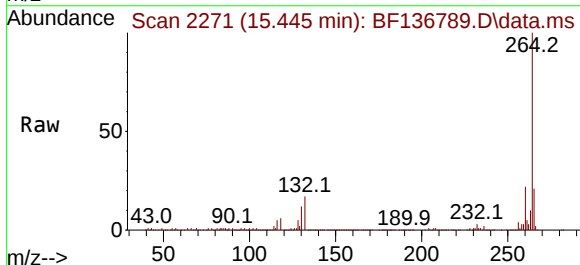
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2



Tgt Ion:244 Resp: 1217465
 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: BF136789.D
 Acq: 28 Dec 2023 12:17



Tgt Ion:264 Resp: 191863
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 21.3 17.0 25.6

