

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136732.D
 Acq On : 26 Dec 2023 22:05
 Operator : CG\JU
 Sample : 05933-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2-NORTH-SIDE

Quant Time: Dec 27 03:59:56 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)

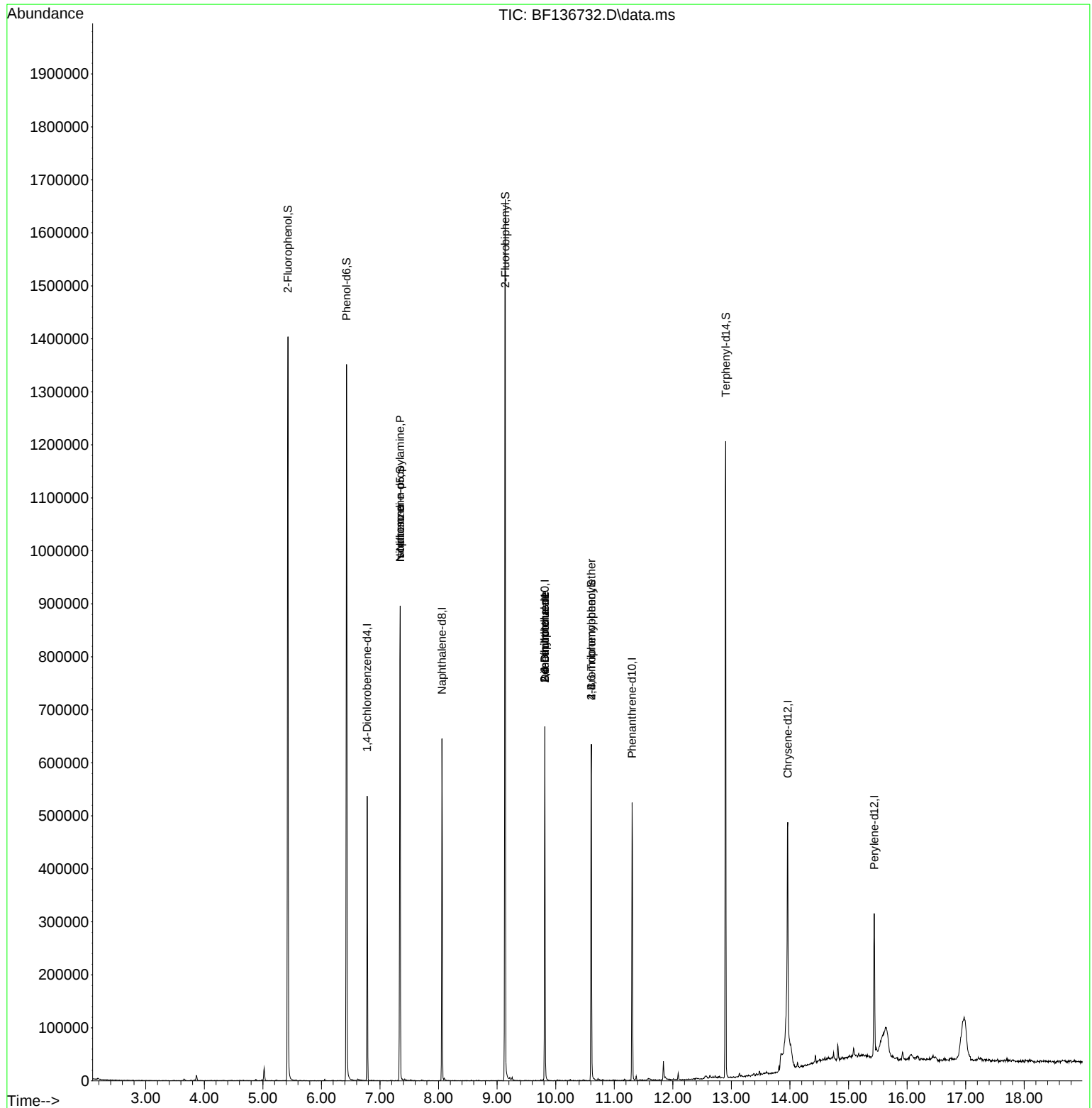
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69087	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	261447	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123090	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	193403	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	133366	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	124417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	356712	80.561	ng	0.00
7) Phenol-d6	6.428	99	451171	78.637	ng	-0.01
23) Nitrobenzene-d5	7.345	82	278099	54.430	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	81077	55.928	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	540963	59.110	ng	-0.01
79) Terphenyl-d14	12.904	244	436744	45.764	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	35710	10.267	ng	# 75
25) Isophorone	7.345	82	278096	29.913	ng	# 65
50) Dimethylphthalate	9.816	163	24190	2.691	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	14887	7.296	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	14887	5.620	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	4773	2.222	ng	# 1

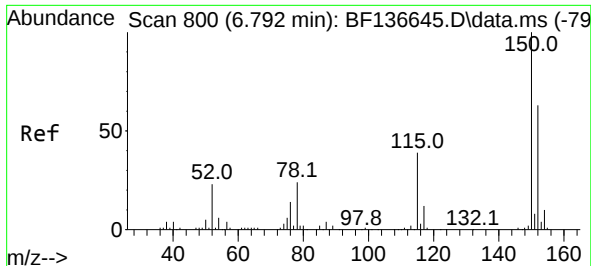
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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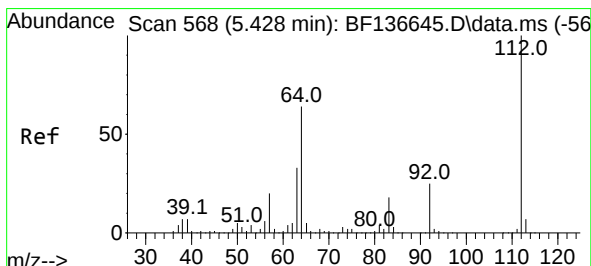
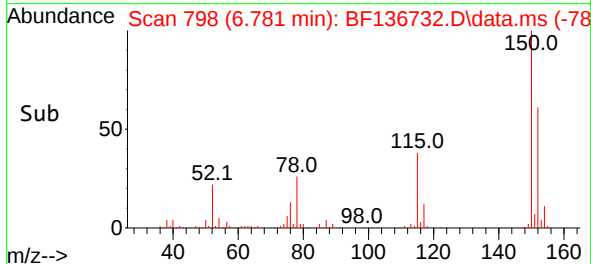
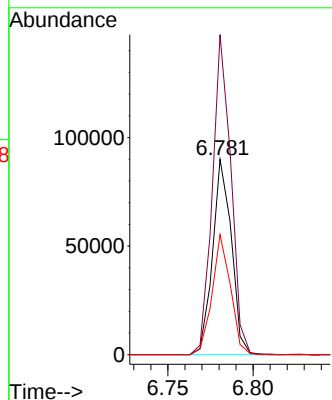
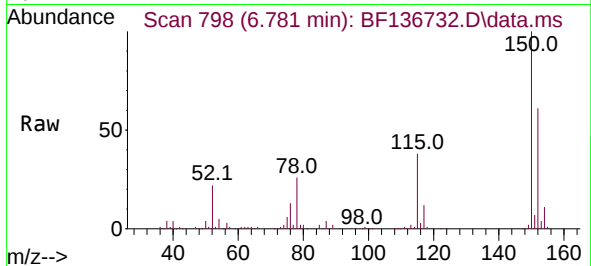




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

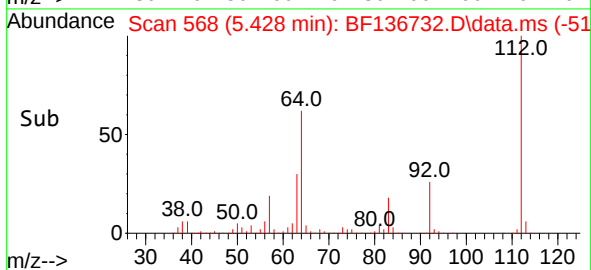
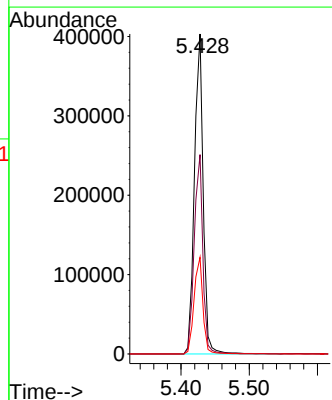
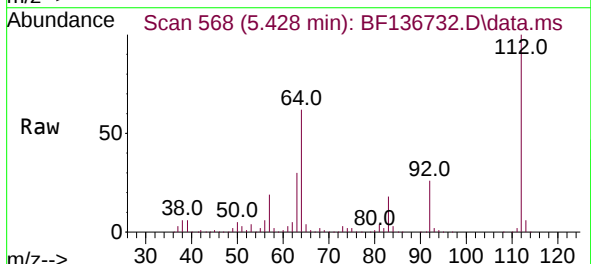
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BNA_F
ClientSampleId :
S-2-NORTH-SIDE

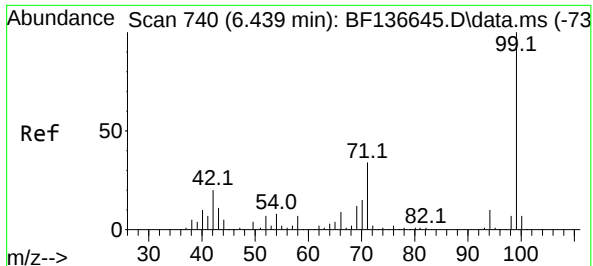
Tgt Ion:152 Resp: 69087
Ion Ratio Lower Upper
152 100
150 163.8 127.0 190.6
115 61.4 49.0 73.4



#5
2-Fluorophenol
Concen: 80.561 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.000 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:112 Resp: 356712
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 30.2 26.1 39.1

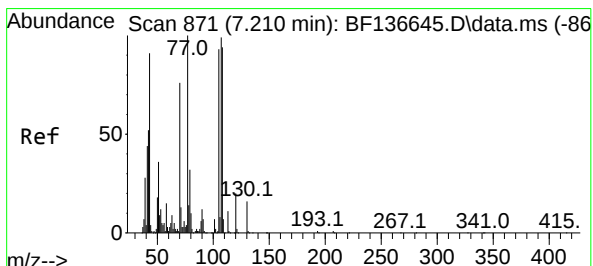
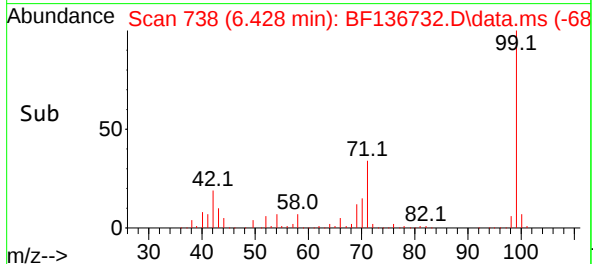
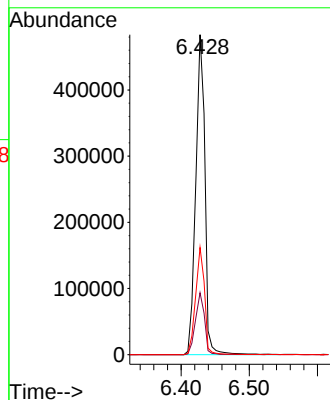
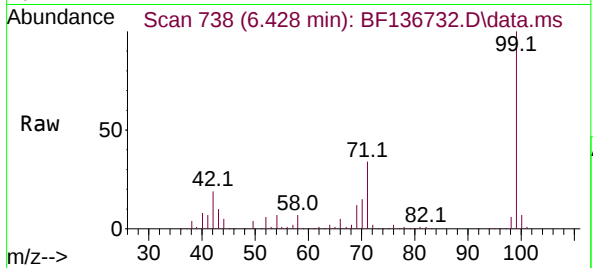




#7
Phenol-d6
Concen: 78.637 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

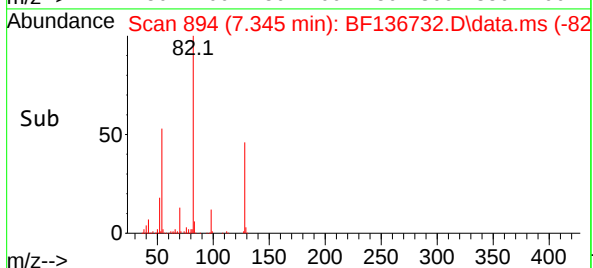
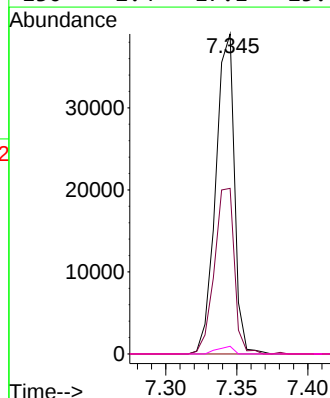
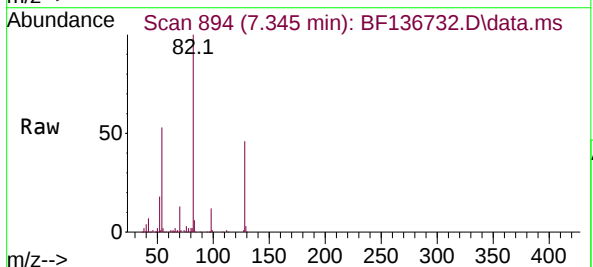
Instrument :
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ClientSampleId :
S-2-NORTH-SIDE

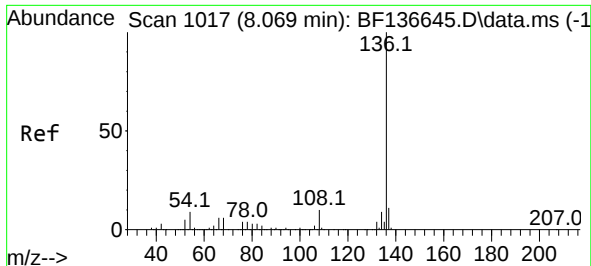
Tgt Ion: 99 Resp: 451171
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.267 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion: 70 Resp: 35710
Ion Ratio Lower Upper
70 100
42 51.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#



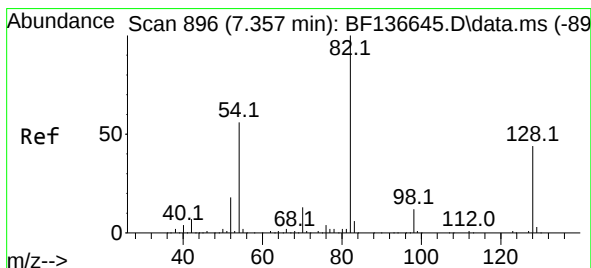
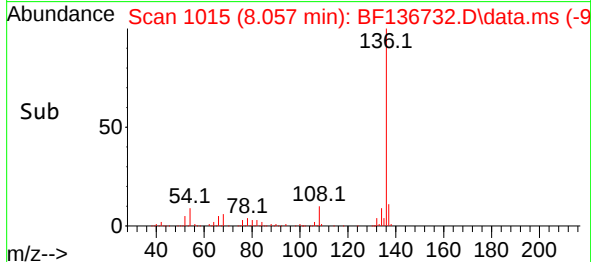
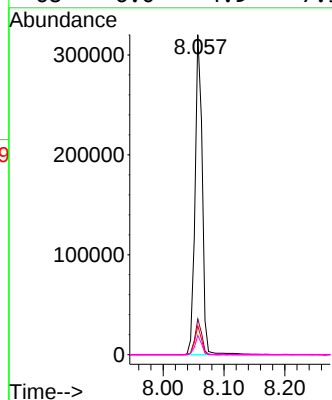
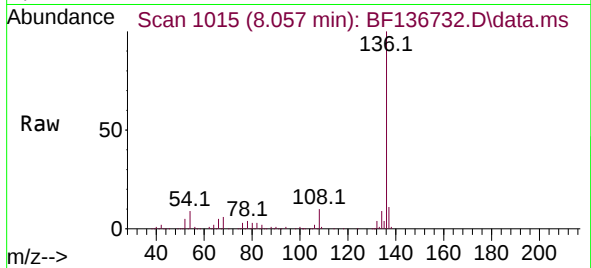


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

Tgt Ion:136 Resp: 261447

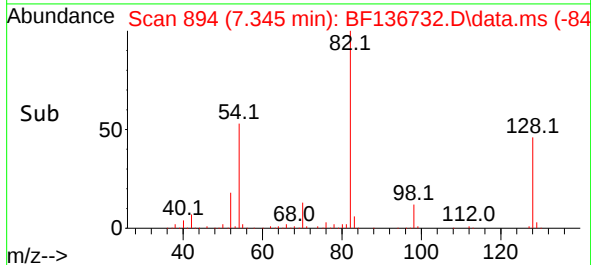
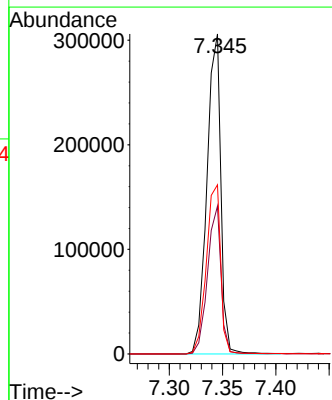
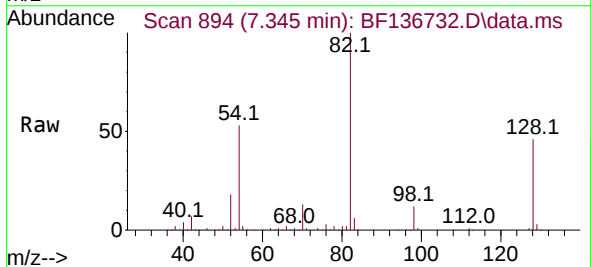
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.0	7.2	10.8
68	6.0	4.9	7.3

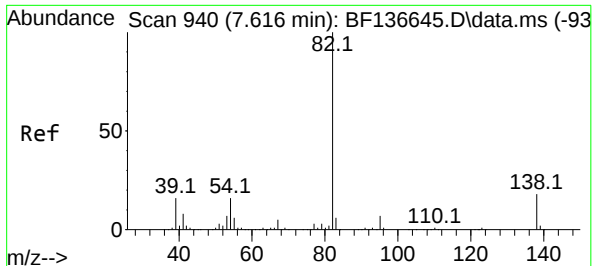


#23
Nitrobenzene-d5
Concen: 54.430 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion: 82 Resp: 278099

Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.3	52.9
54	52.9	44.5	66.7

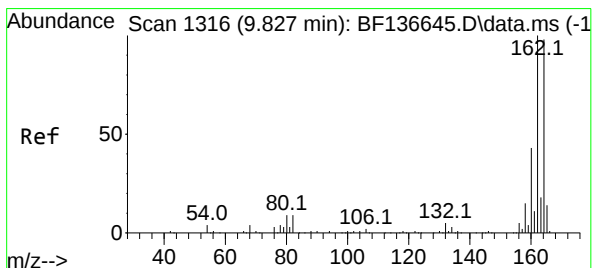
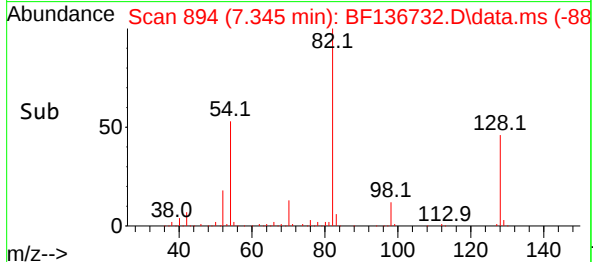
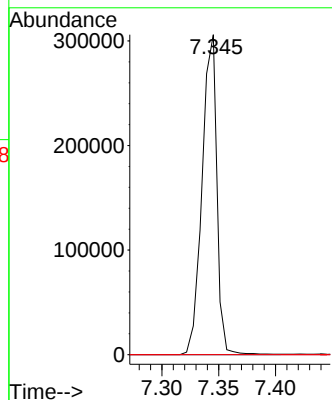
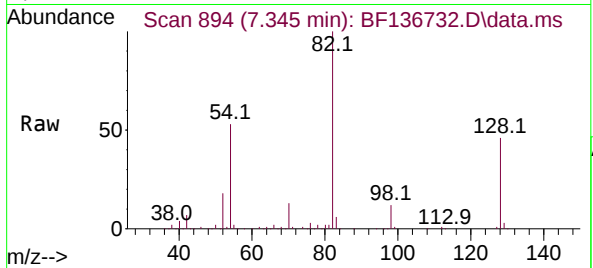




#25
Isophorone
Concen: 29.913 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

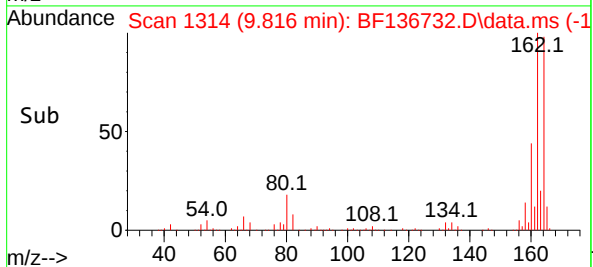
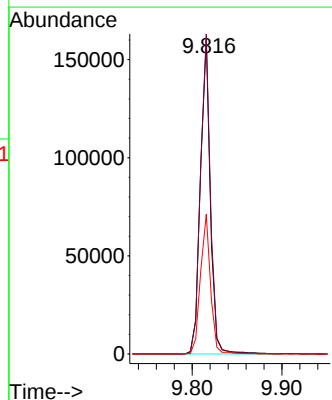
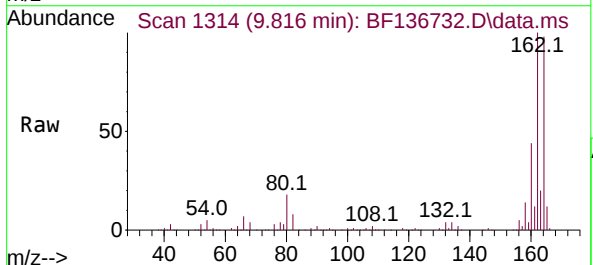
Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

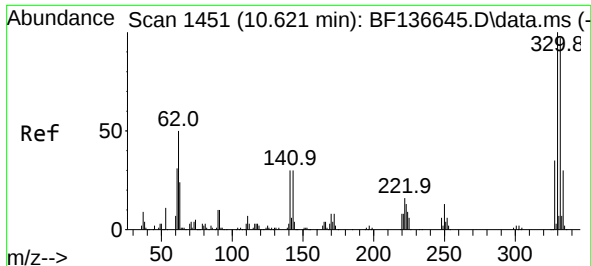
Tgt Ion: 82 Resp: 278096
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

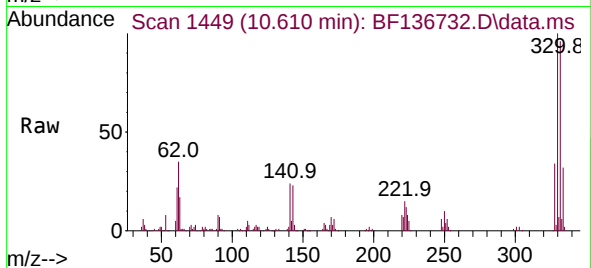
Tgt Ion:164 Resp: 123090
Ion Ratio Lower Upper
164 100
162 101.8 81.6 122.4
160 44.4 34.9 52.3



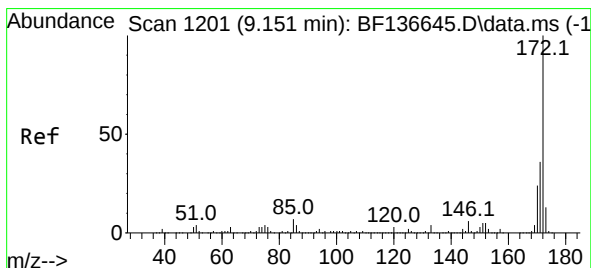
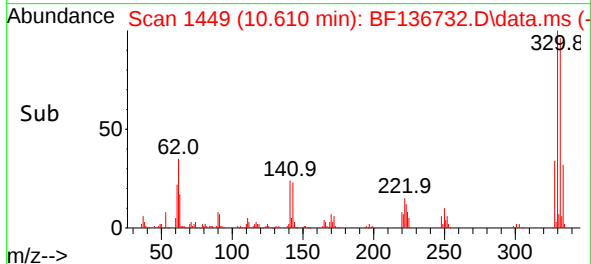
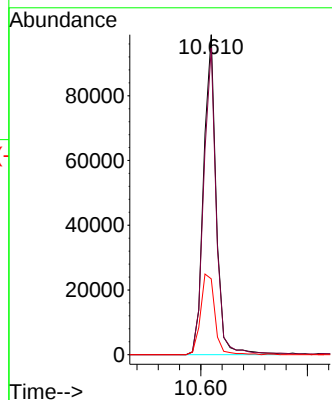


#42
2,4,6-Tribromophenol
Concen: 55.928 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

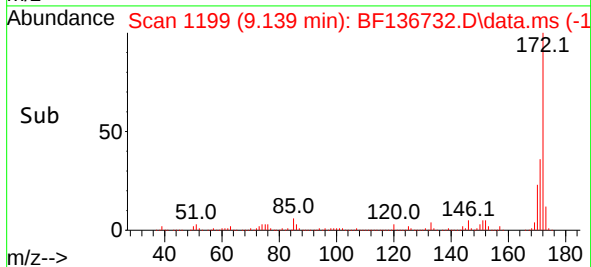
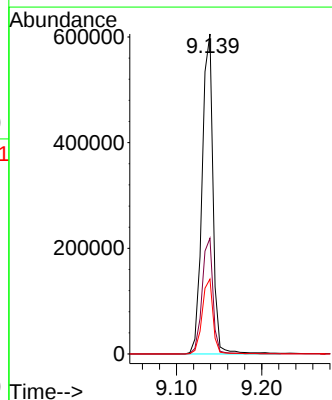
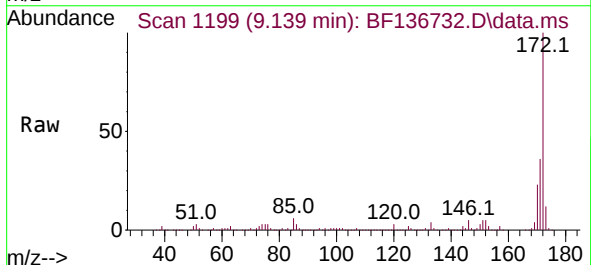


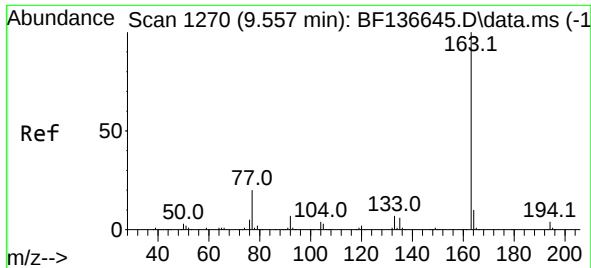
Tgt Ion:330 Resp: 81077
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.110 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:172 Resp: 540963
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.4 19.0 28.4

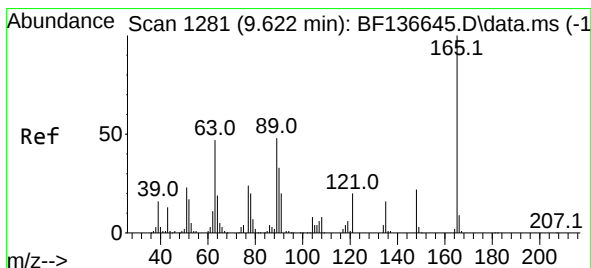
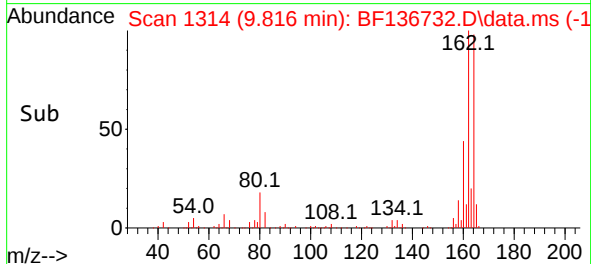
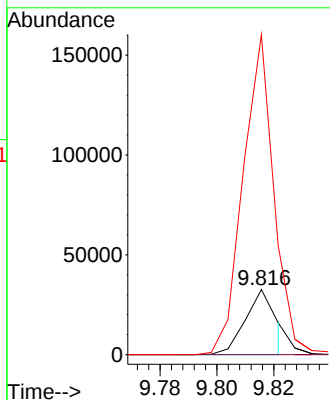
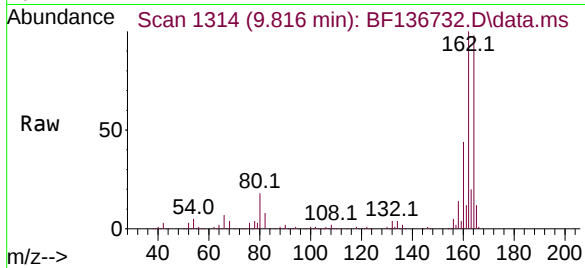




#50
Dimethylphthalate
Concen: 2.691 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

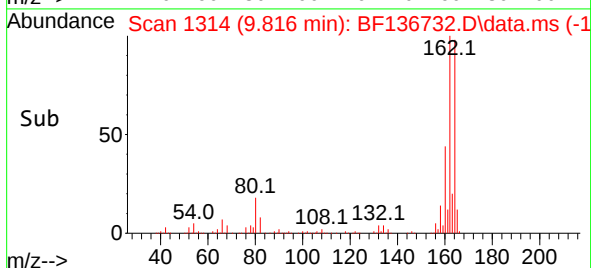
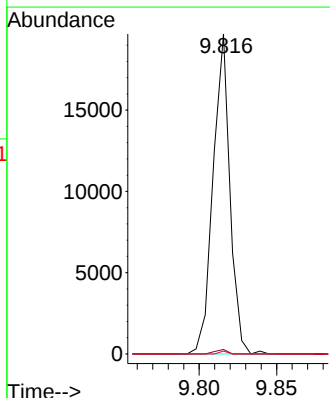
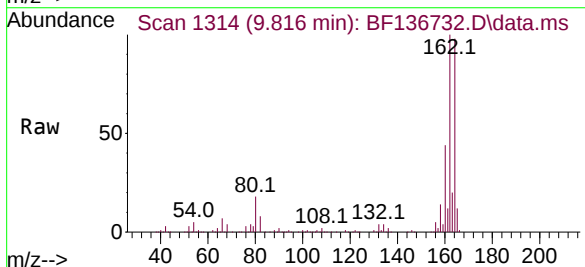
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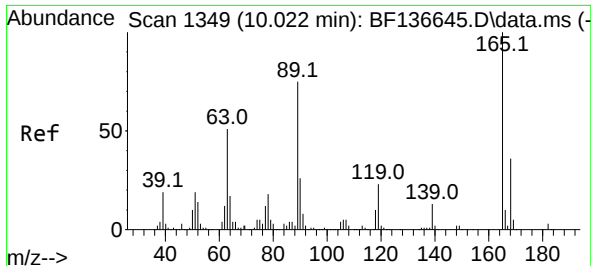
Tgt Ion:163 Resp: 24190
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 491.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.296 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:165 Resp: 14887
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 0.9 38.8 58.2#

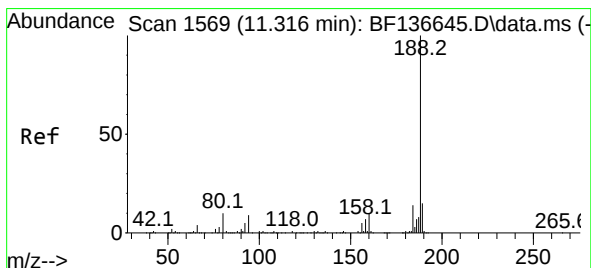
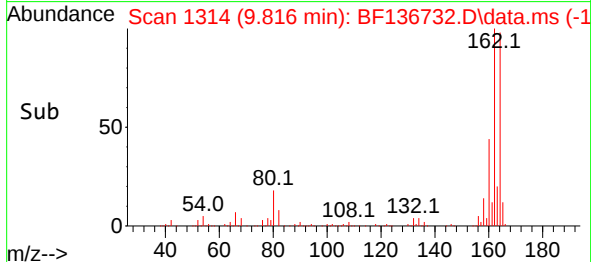
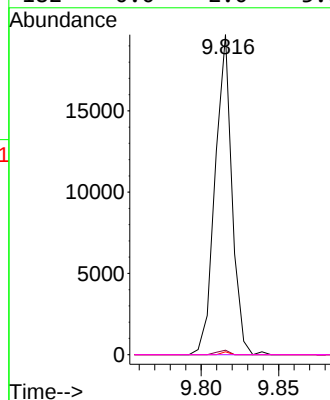
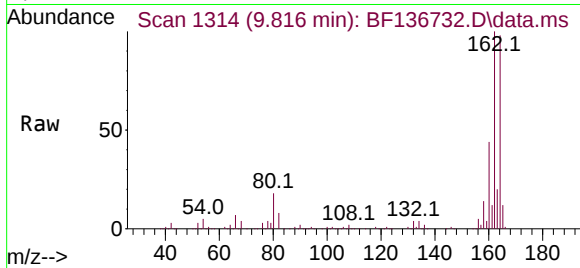




#57
2,4-Dinitrotoluene
Concen: 5.620 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

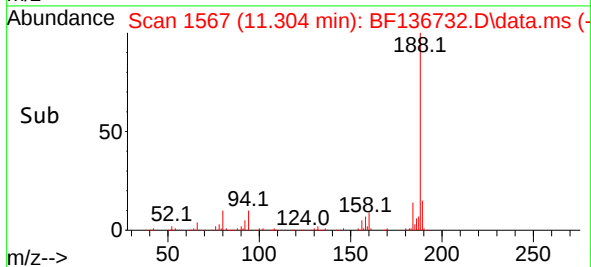
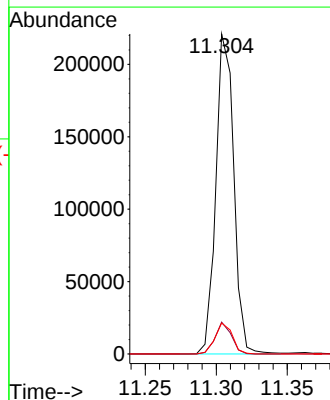
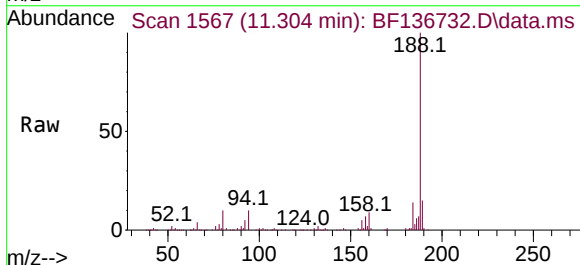
Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

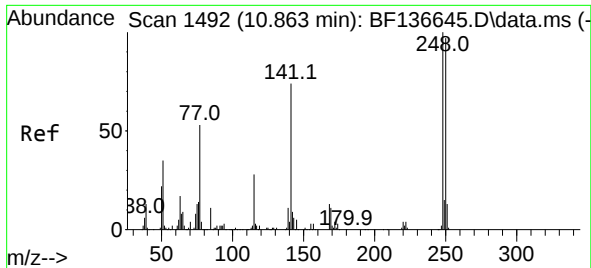
Tgt Ion:165 Resp: 14887
Ion Ratio Lower Upper
165 100
63 1.4 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:188 Resp: 193403
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 9.7 8.1 12.1

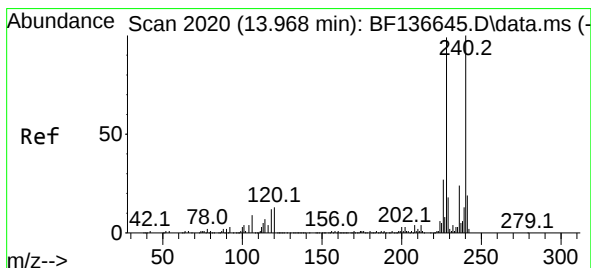
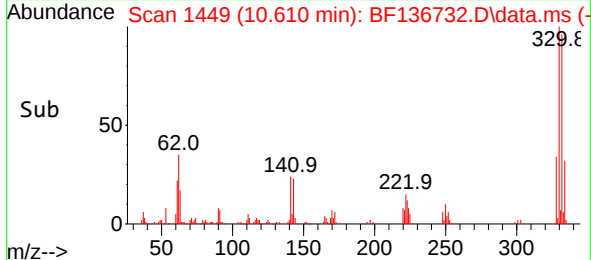
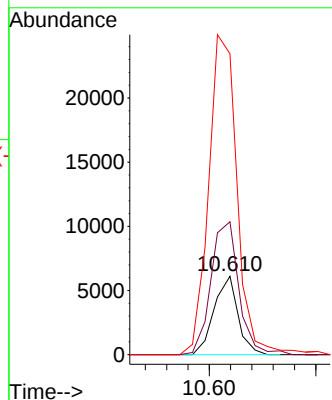
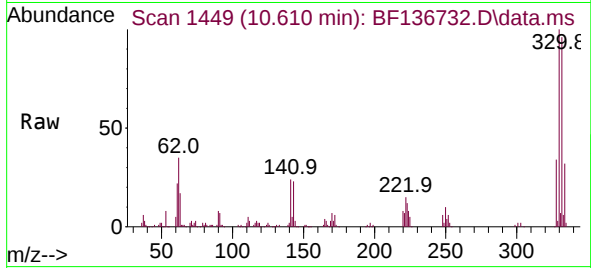




#67
4-Bromophenyl-phenylether
Concen: 2.222 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

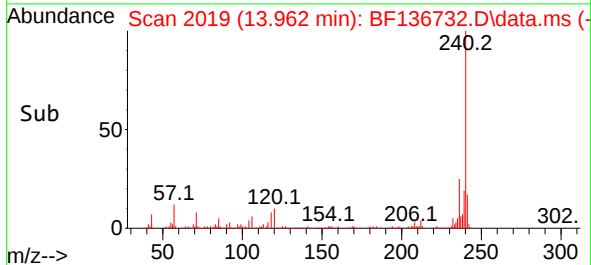
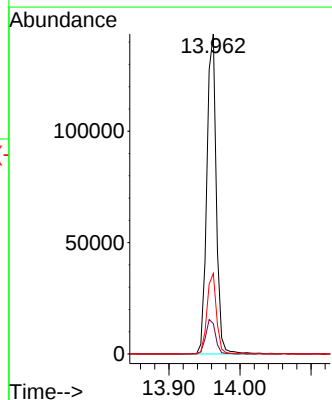
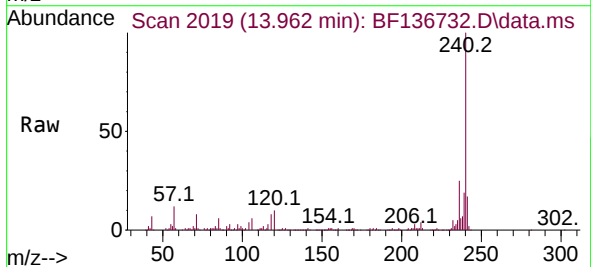
Instrument :
BNA_F
ClientSampleId :
S-2-NORTH-SIDE

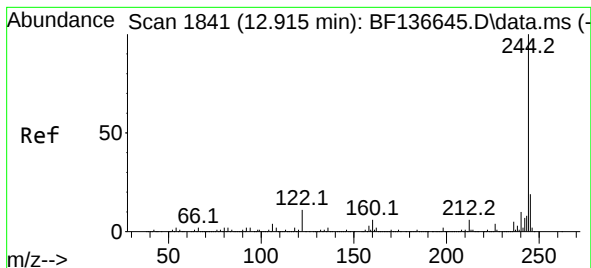
Tgt Ion:248 Resp: 4773
Ion Ratio Lower Upper
248 100
250 169.4 77.8 116.6#
141 383.5 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136732.D
Acq: 26 Dec 2023 22:05

Tgt Ion:240 Resp: 133366
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 25.1 19.4 29.2





#79

Terphenyl-d14

Concen: 45.764 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136732.D

Acq: 26 Dec 2023 22:05

Instrument :

BNA_F

ClientSampleId :

S-2-NORTH-SIDE

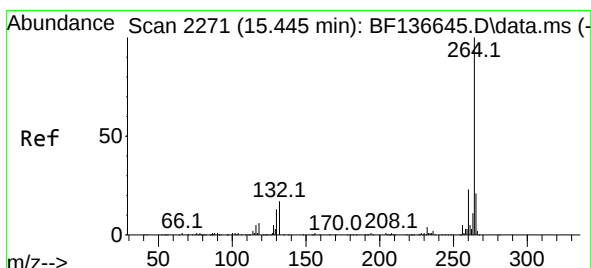
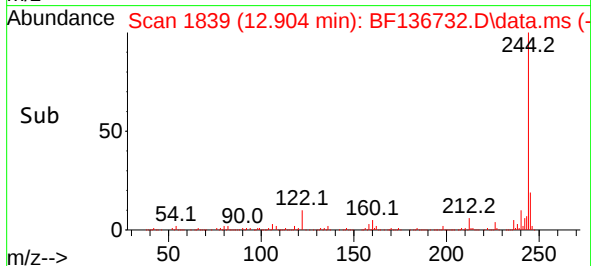
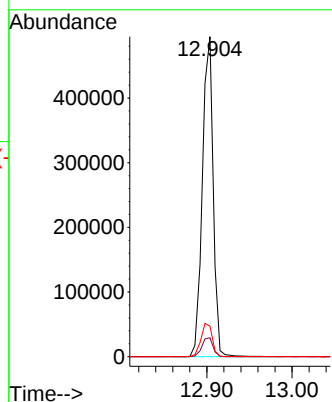
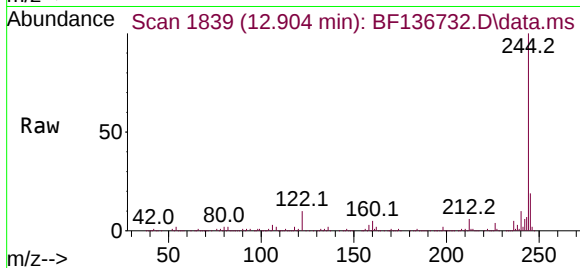
Tgt Ion:244 Resp: 436744

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 9.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136732.D

Acq: 26 Dec 2023 22:05

Tgt Ion:264 Resp: 124417

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.8 17.0 25.6

