

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136919.D
 Acq On : 03 Jan 2024 21:22
 Operator : CG\JU
 Sample : 05900-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 03:42:28 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)

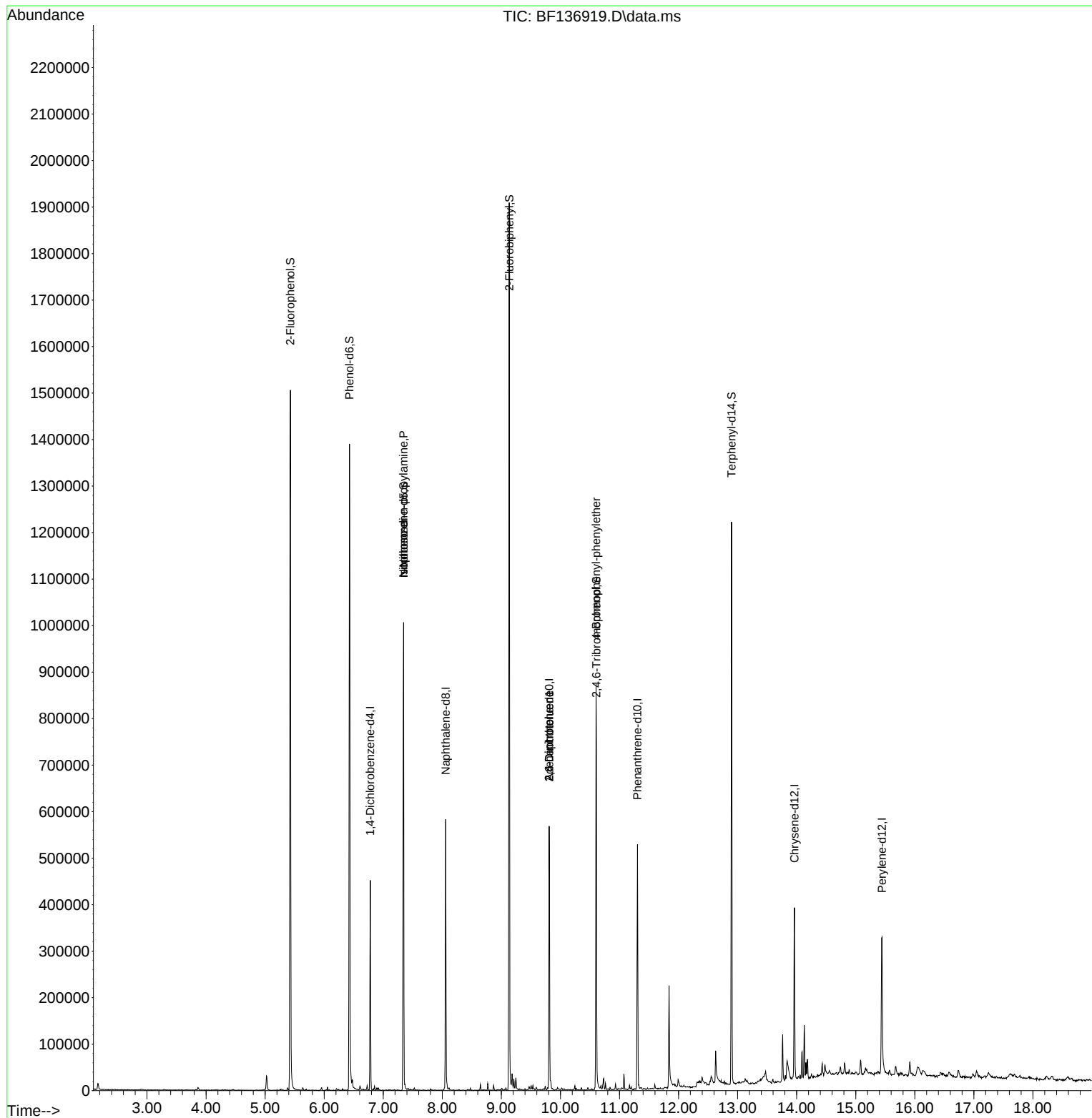
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60060	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	228513	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	111875	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	180304	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	125322	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	147420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	406348	105.564	ng	0.00
7) Phenol-d6	6.428	99	497629	99.770	ng	-0.01
23) Nitrobenzene-d5	7.345	82	304860	68.267	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	115426	87.605	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	553674	66.564	ng	-0.02
79) Terphenyl-d14	12.898	244	405430	45.210	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	39694	13.128	ng	# 74
25) Isophorone	7.345	82	304856	37.517	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	14876	8.021	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	14876	6.179	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	6511	3.252	ng	# 1

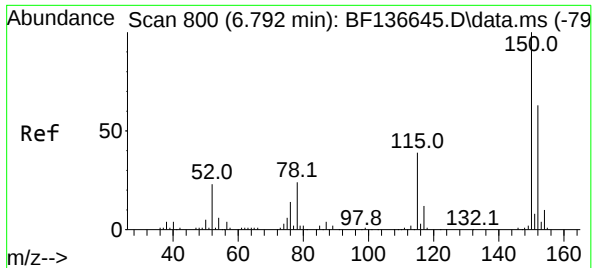
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
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Misc :
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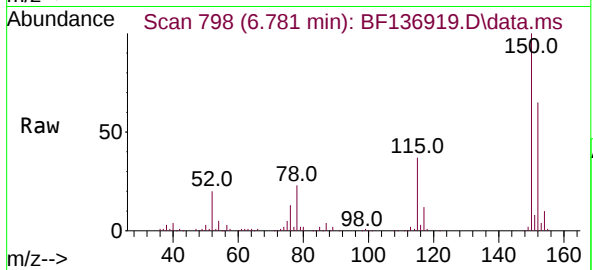
Quant Time: Jan 04 03:42:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
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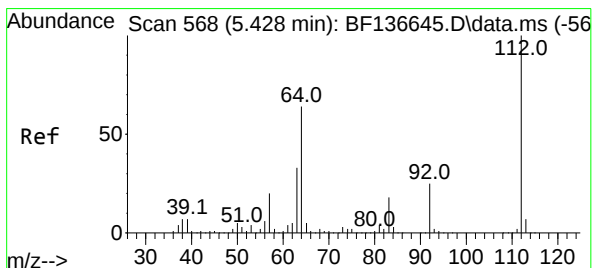
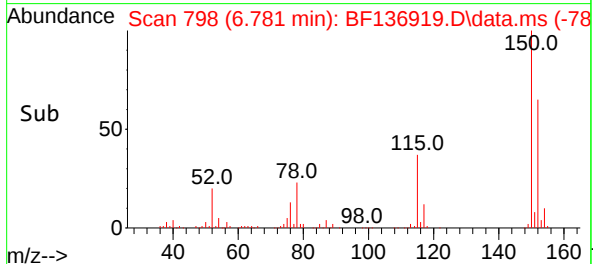
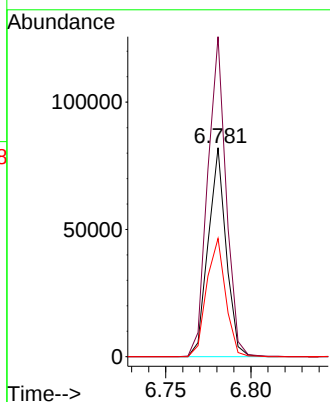


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22

Instrument :
BNA_F
ClientSampleId :

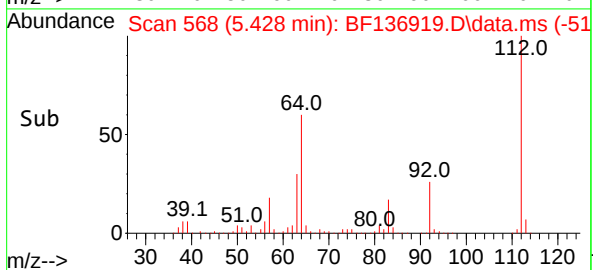
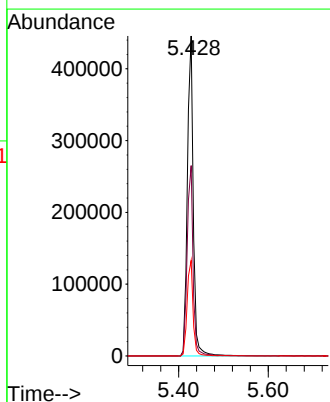
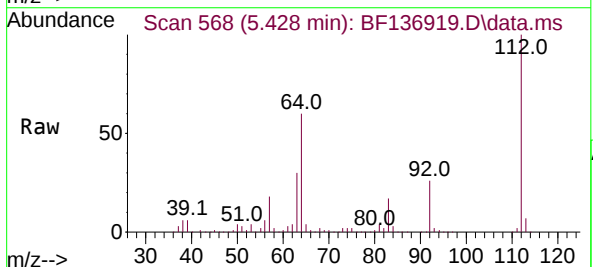


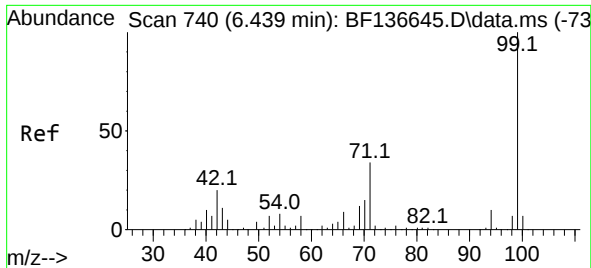
Tgt Ion:152 Resp: 60060
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 56.6 49.0 73.4



#5
2-Fluorophenol
Concen: 105.564 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22

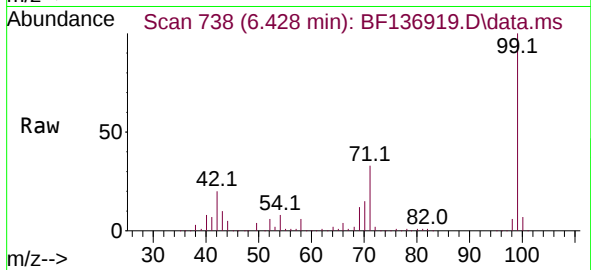
Tgt Ion:112 Resp: 406348
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 29.8 26.1 39.1



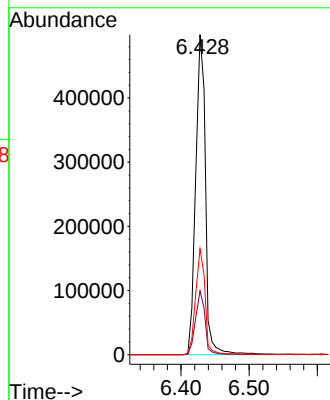
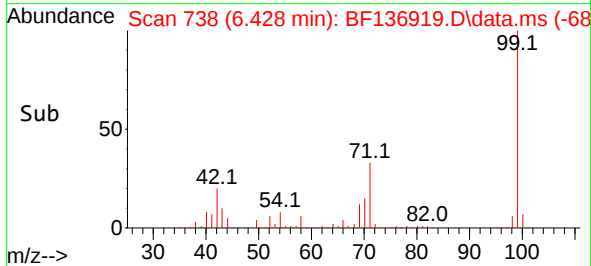


#7
Phenol-d6
Concen: 99.770 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22

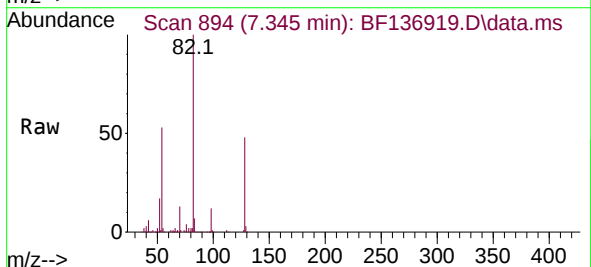
Instrument :
BNA_F
ClientSampleId :



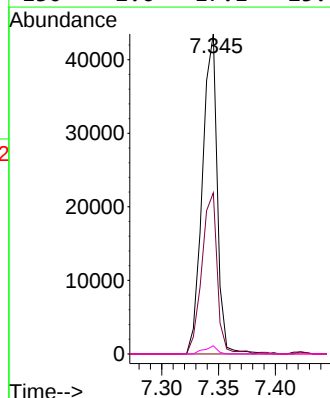
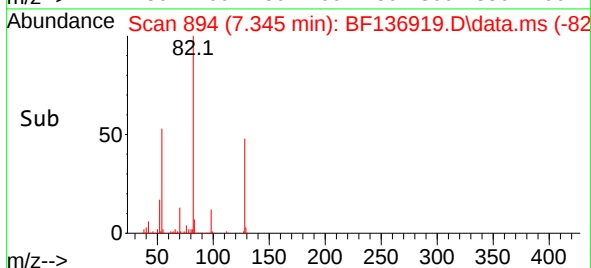
Tgt Ion: 99 Resp: 497629
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.128 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22



Tgt Ion: 70 Resp: 39694
Ion Ratio Lower Upper
70 100
42 50.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

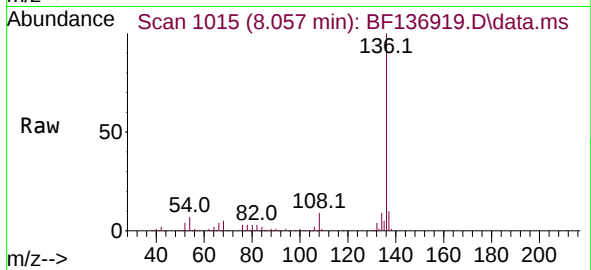
Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 228513

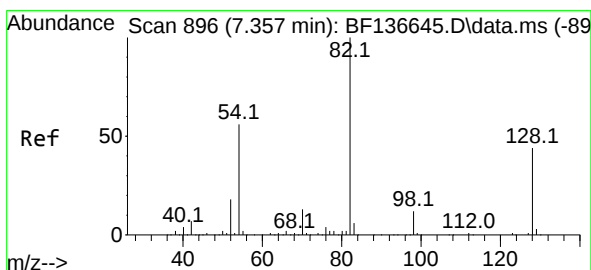
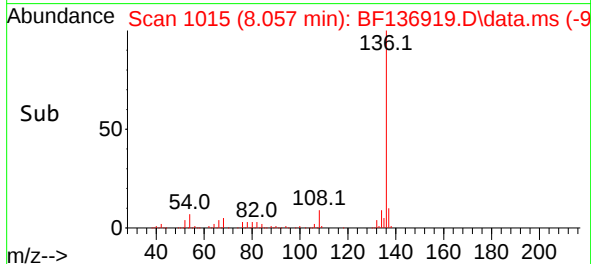
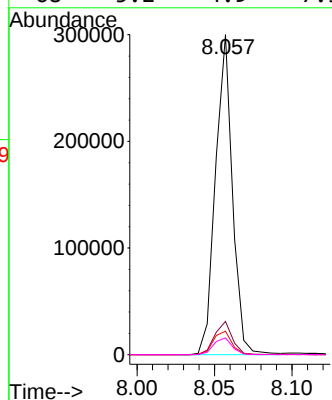
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 7.4 7.2 10.8

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 68.267 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

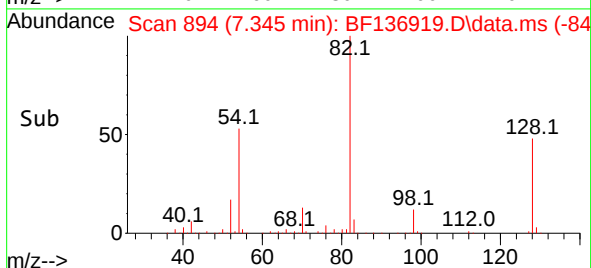
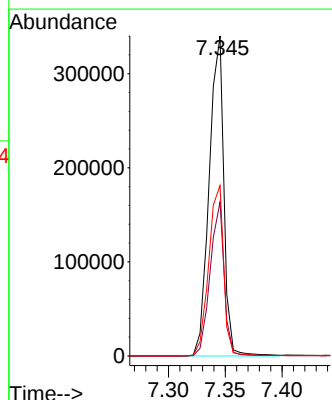
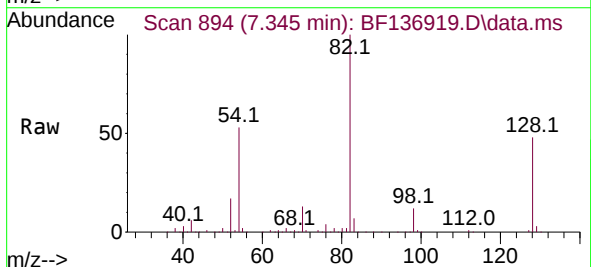
Tgt Ion: 82 Resp: 304860

Ion Ratio Lower Upper

82 100

128 48.1 35.3 52.9

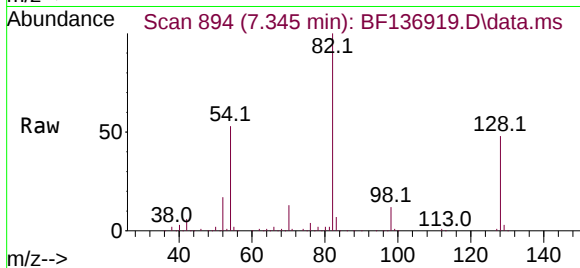
54 53.3 44.5 66.7



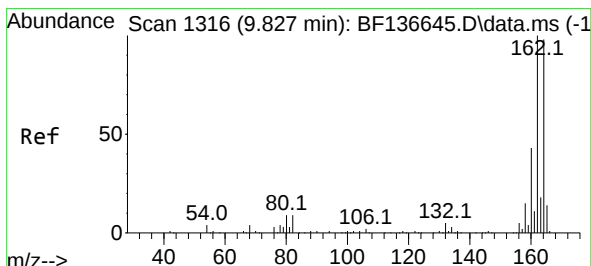
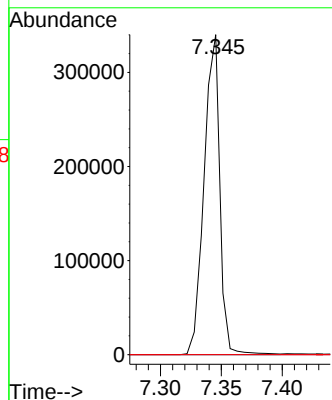
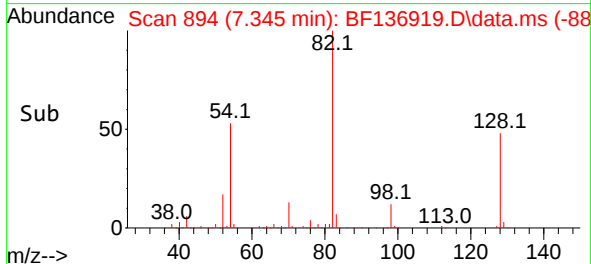


#25
Isophorone
Concen: 37.517 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22

Instrument :
BNA_F
ClientSampleId :

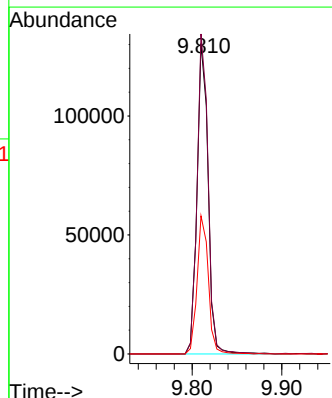
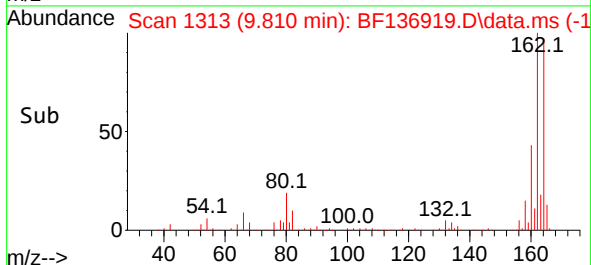
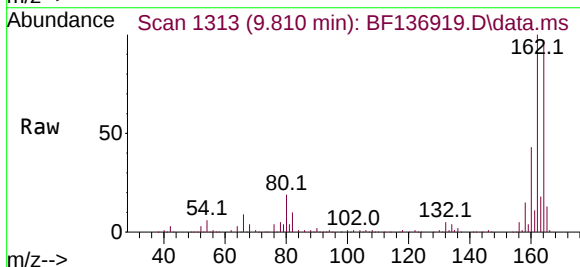


Tgt Ion: 82 Resp: 304856
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22

Tgt Ion:164 Resp: 111875
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 44.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 87.605 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

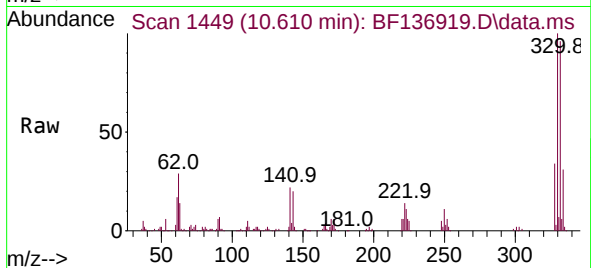
Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA_F

ClientSampleId :



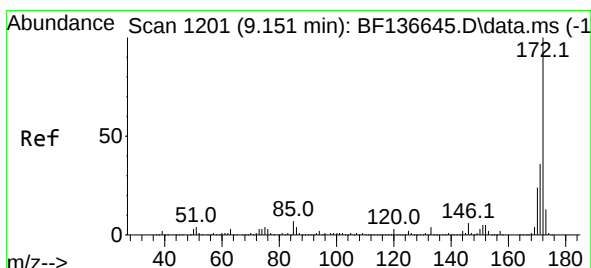
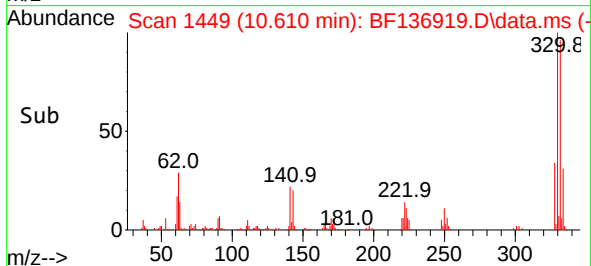
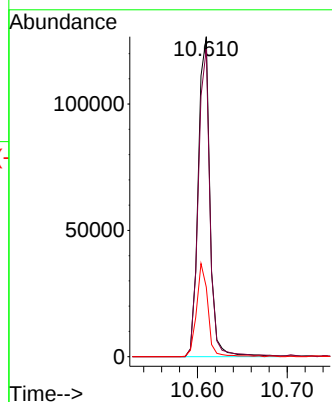
Tgt Ion:330 Resp: 115426

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.564 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

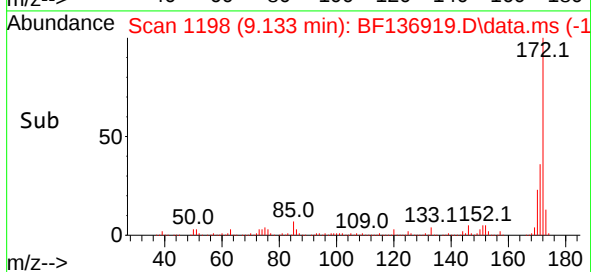
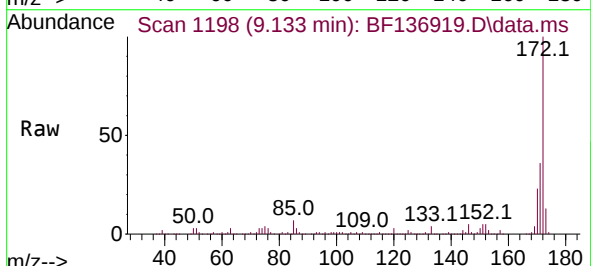
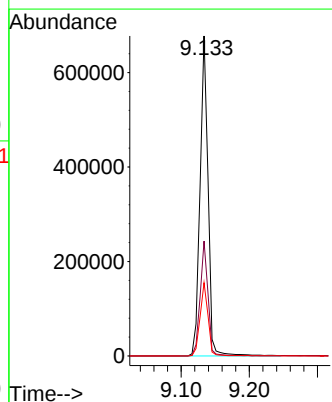
Tgt Ion:172 Resp: 553674

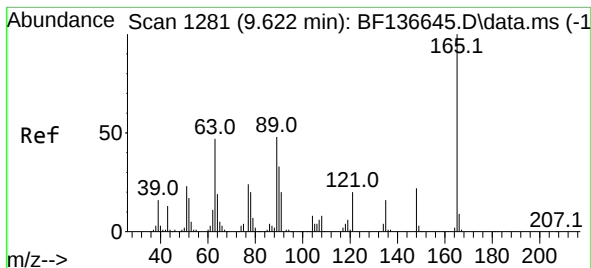
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 22.9 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.021 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.188 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA_F

ClientSampleId :

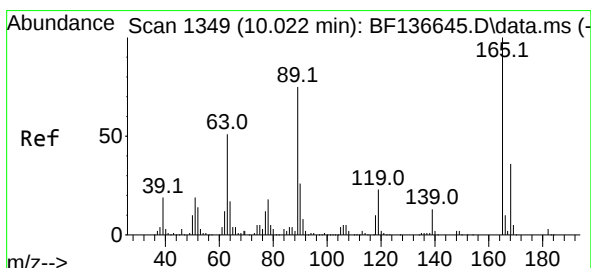
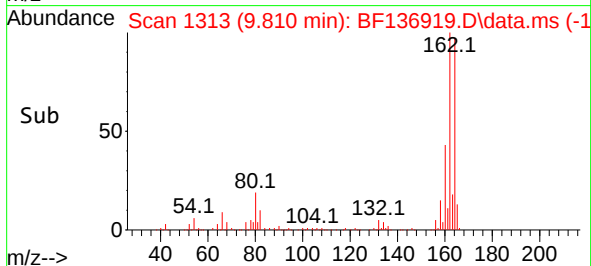
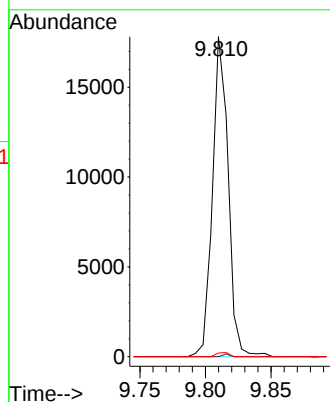
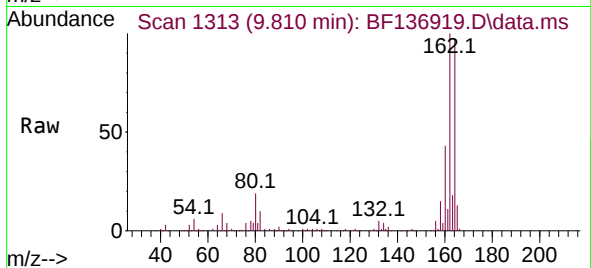
Tgt Ion:165 Resp: 14876

Ion Ratio Lower Upper

165 100

63 0.0 39.8 59.6#

89 1.2 38.8 58.2#



#57

2,4-Dinitrotoluene

Concen: 6.179 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.212 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Tgt Ion:165 Resp: 14876

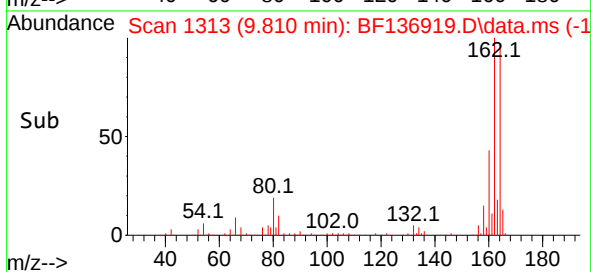
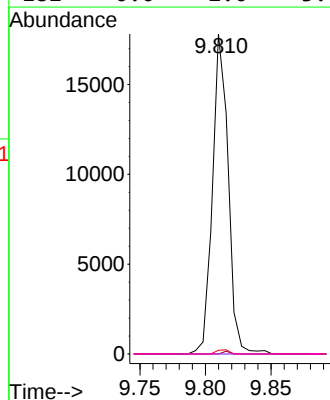
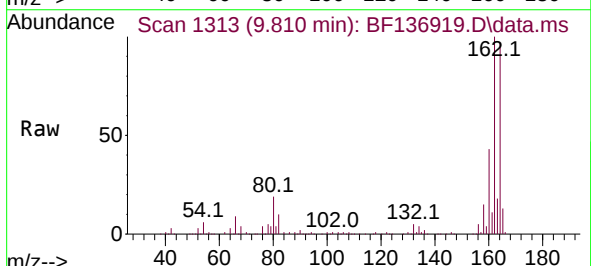
Ion Ratio Lower Upper

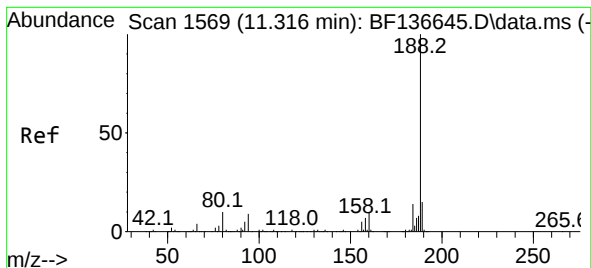
165 100

63 0.0 41.0 61.6#

89 1.2 59.9 89.9#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA_F

ClientSampleId :

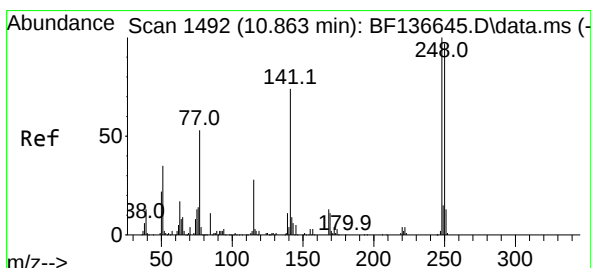
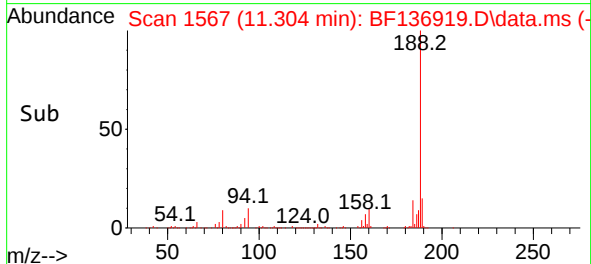
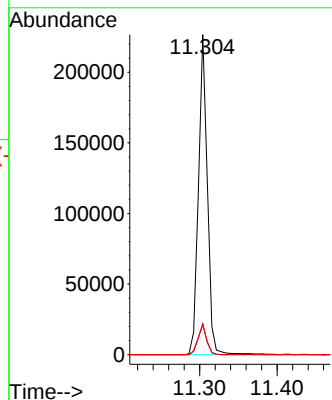
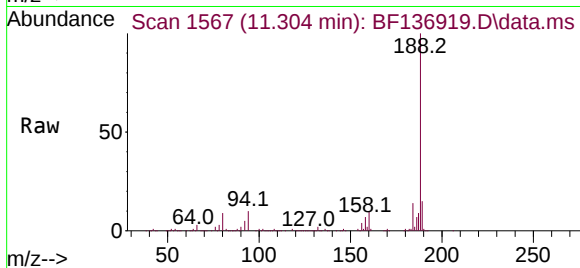
Tgt Ion:188 Resp: 180304

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.3 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.252 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

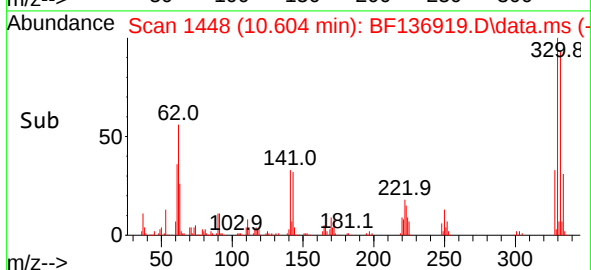
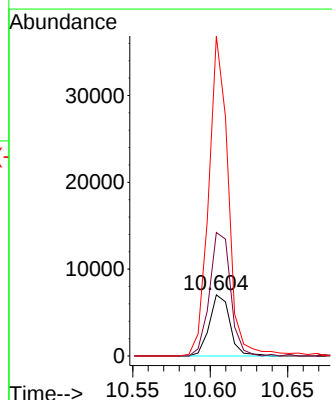
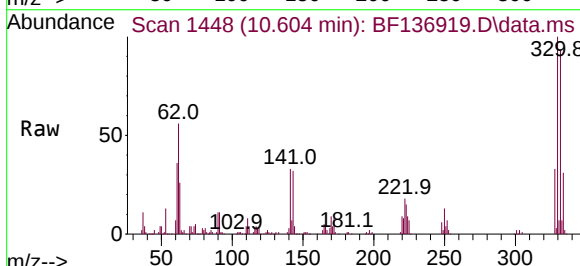
Tgt Ion:248 Resp: 6511

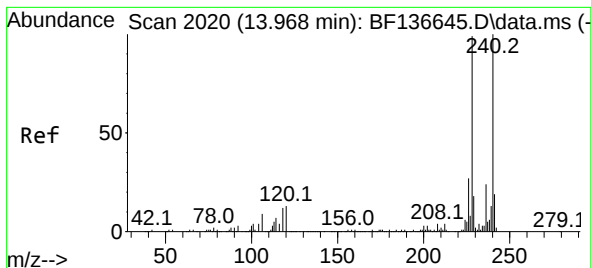
Ion Ratio Lower Upper

248 100

250 201.8 77.8 116.6#

141 522.8 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

Instrument :

BNA_F

ClientSampleId :

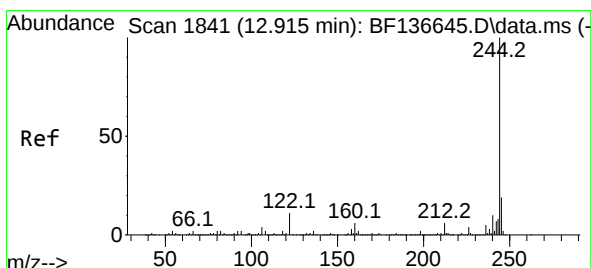
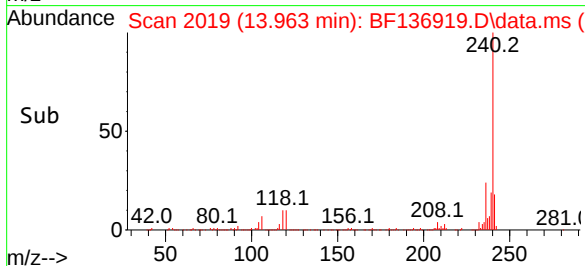
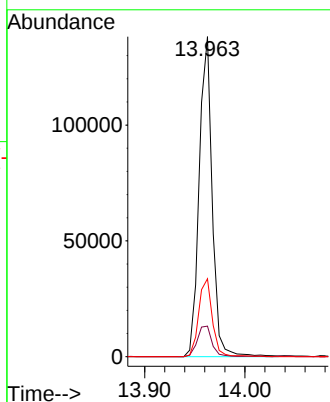
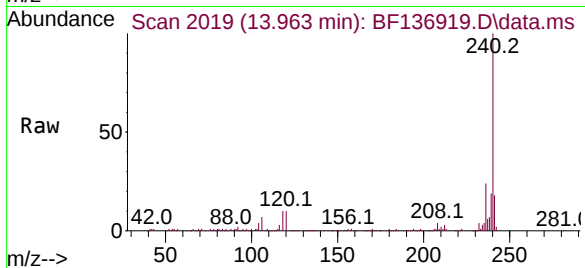
Tgt Ion:240 Resp: 125322

Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 24.3 19.4 29.2



#79

Terphenyl-d14

Concen: 45.210 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136919.D

Acq: 03 Jan 2024 21:22

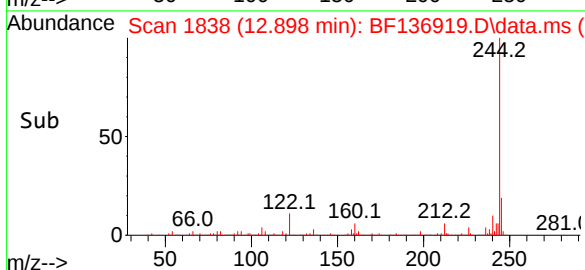
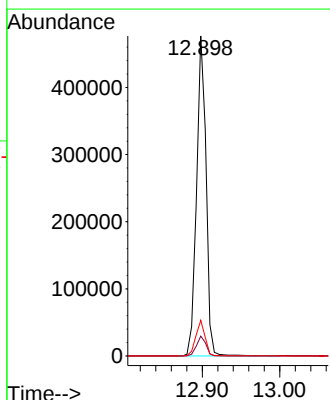
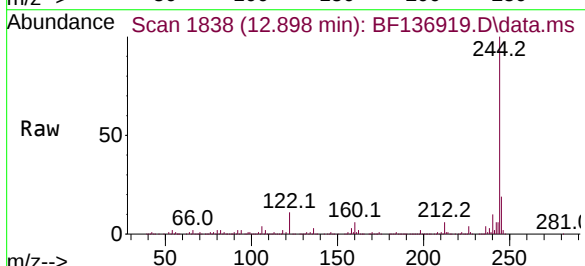
Tgt Ion:244 Resp: 405430

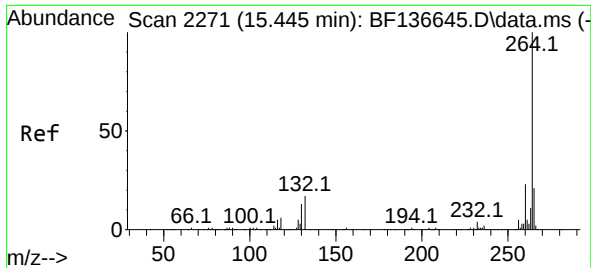
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

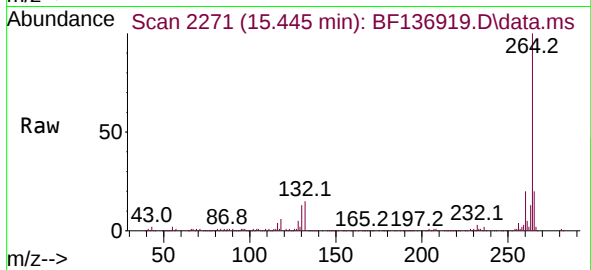
122 11.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136919.D
Acq: 03 Jan 2024 21:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 147420

Ion	Ratio	Lower	Upper
264	100		
260	19.8	18.3	27.5
265	20.1	17.0	25.6

