

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136986.D
 Acq On : 05 Jan 2024 20:34
 Operator : CG\JU
 Sample : P1042-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240104

Quant Time: Jan 05 22:53:07 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)

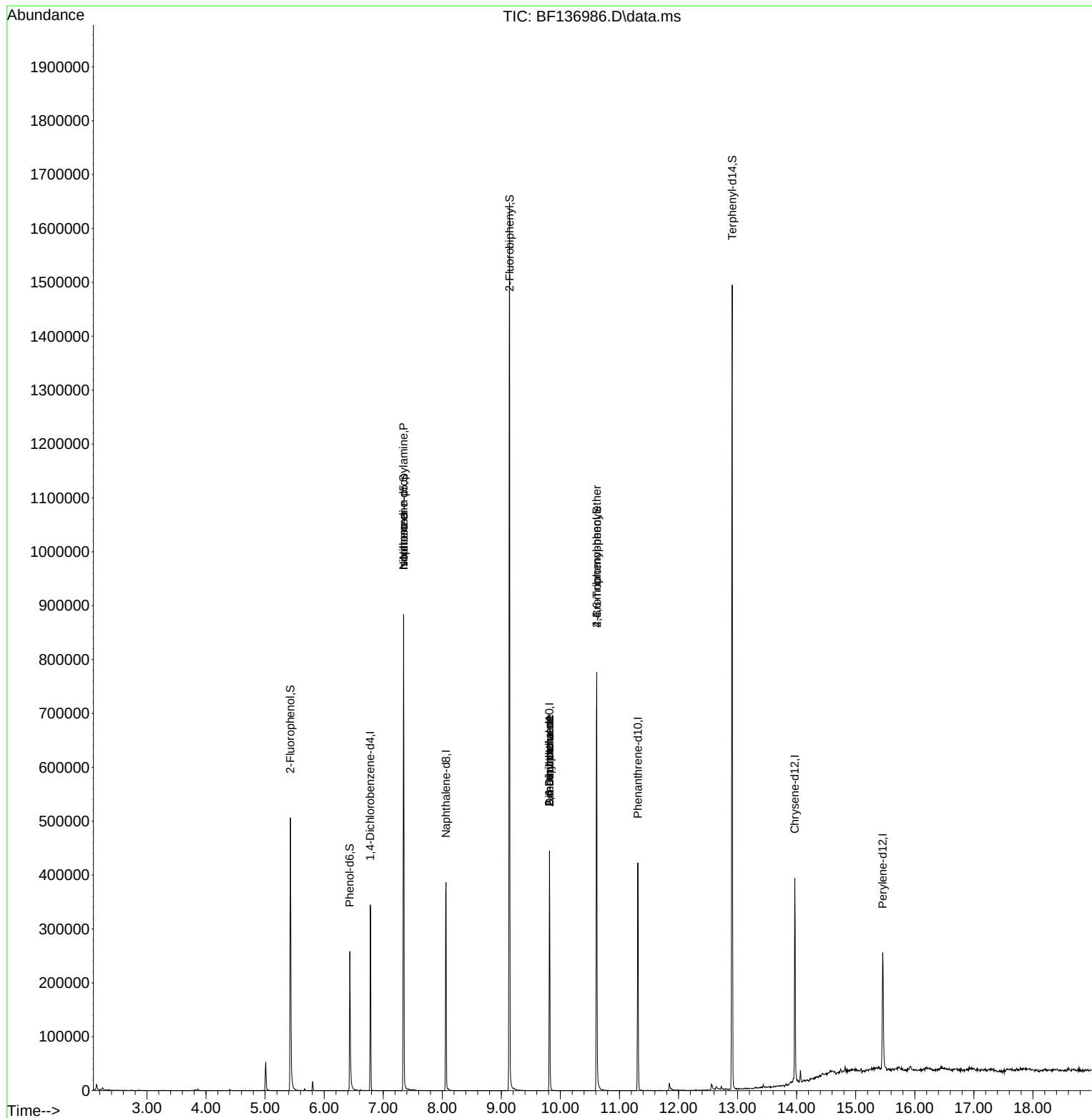
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	51673	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	182819	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	83174	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	151963	20.000	ng	0.00
76) Chrysene-d12	13.969	240	134674	20.000	ng	0.00
86) Perylene-d12	15.457	264	112174	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	144336	43.583	ng	0.00
7) Phenol-d6	6.434	99	96859	22.571	ng	0.00
23) Nitrobenzene-d5	7.345	82	264110	73.924	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	105028	107.220	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	517173	83.631	ng	-0.01
79) Terphenyl-d14	12.910	244	537898	55.816	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	33576	12.907	ng	# 75
25) Isophorone	7.345	82	264104	40.626	ng	# 65
50) Dimethylphthalate	9.816	163	15734	2.590	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10742	7.791	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	10742	6.001	ng	# 20
67) 4-Bromophenyl-phenylether	10.616	248	6209	3.679	ng	# 1

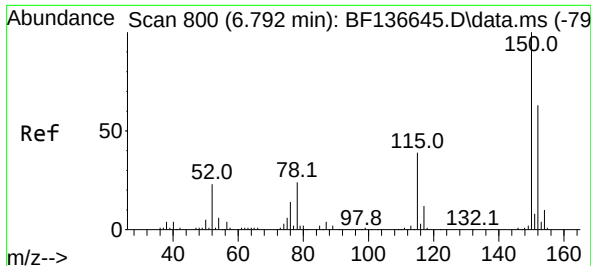
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

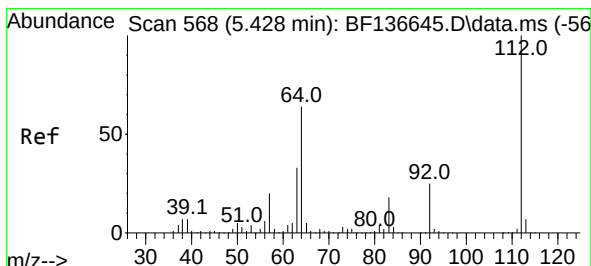
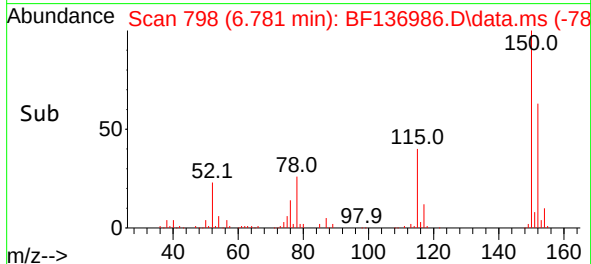
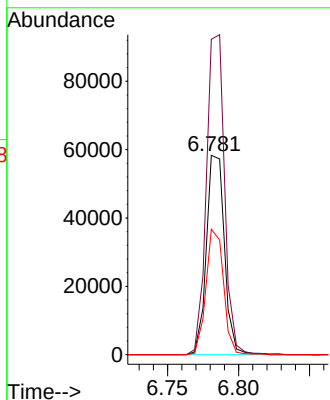
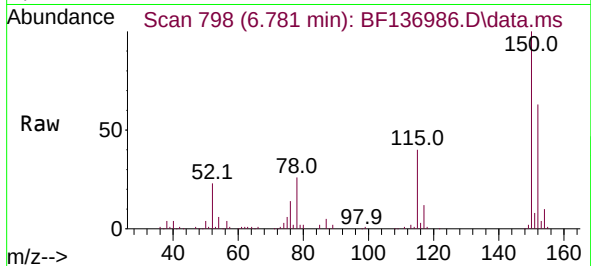




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

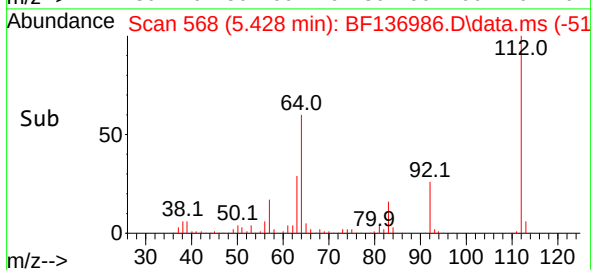
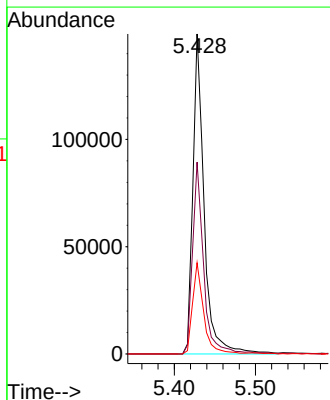
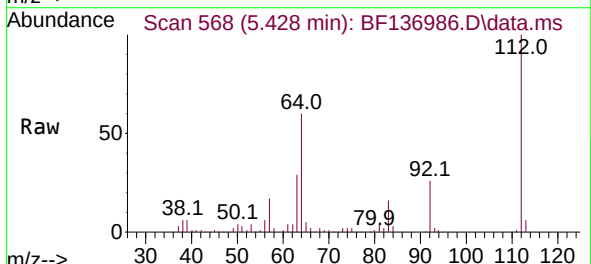
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

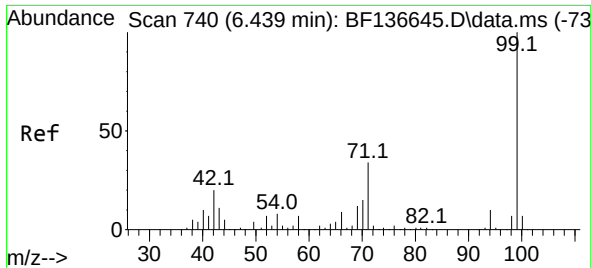
Tgt Ion:152 Resp: 51673
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 62.9 49.0 73.4



#5
2-Fluorophenol
Concen: 43.583 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:112 Resp: 144336
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 28.5 26.1 39.1

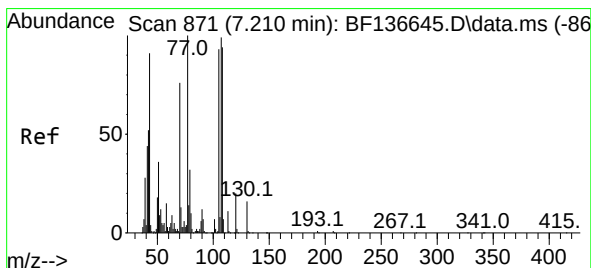
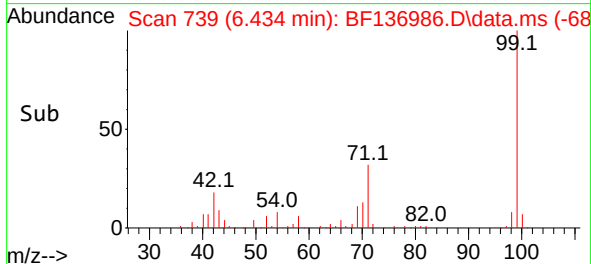
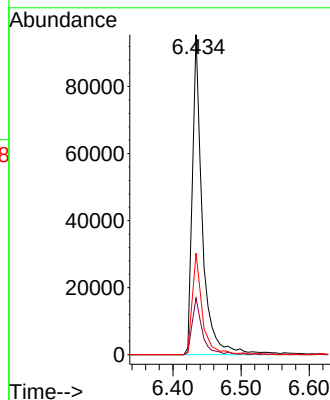
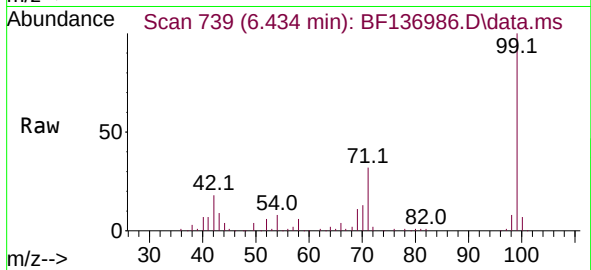




#7
Phenol-d6
Concen: 22.571 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

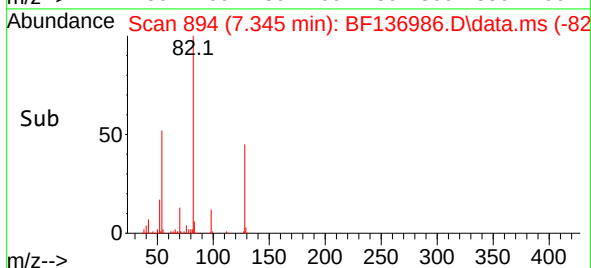
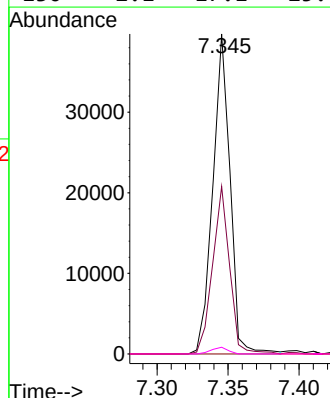
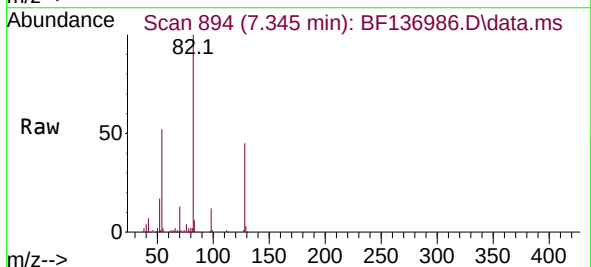
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

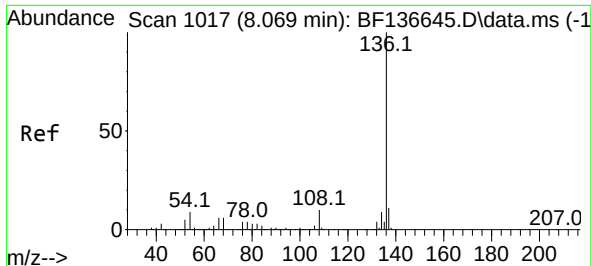
Tgt Ion: 99 Resp: 96859
Ion Ratio Lower Upper
99 100
42 17.7 16.1 24.1
71 31.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.907 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion: 70 Resp: 33576
Ion Ratio Lower Upper
70 100
42 52.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#

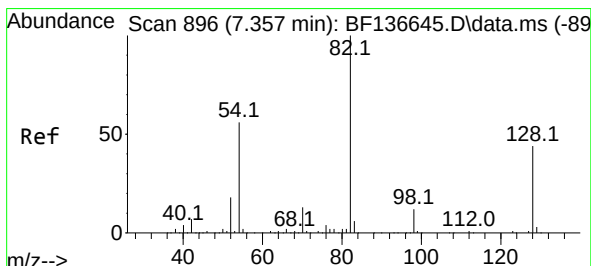
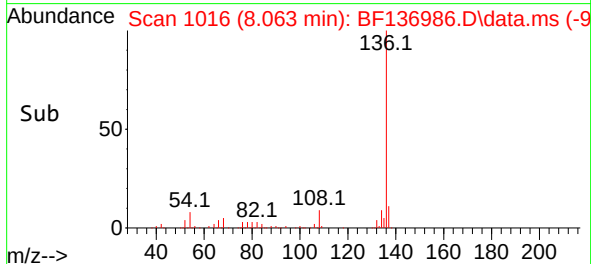
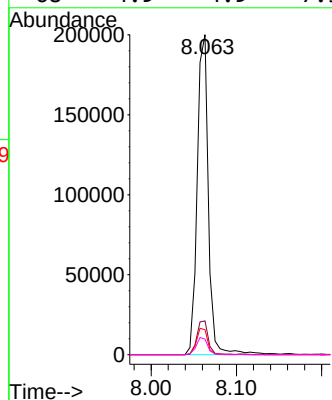
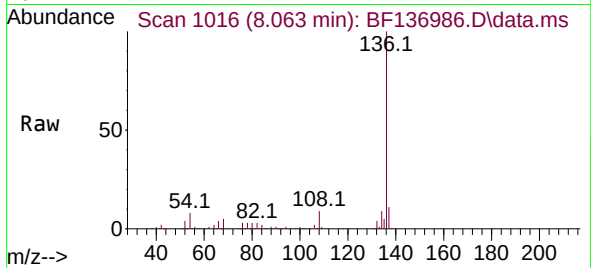




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

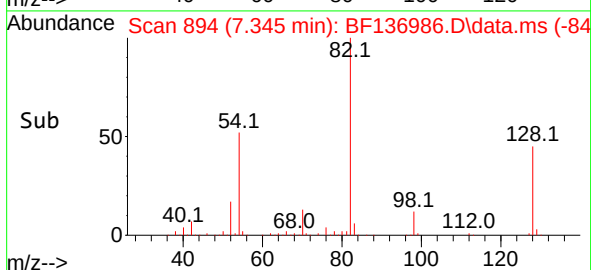
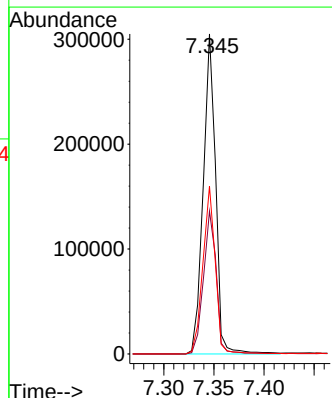
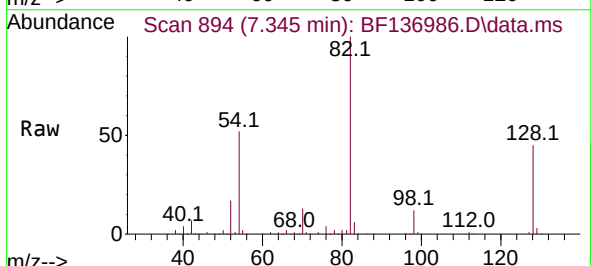
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

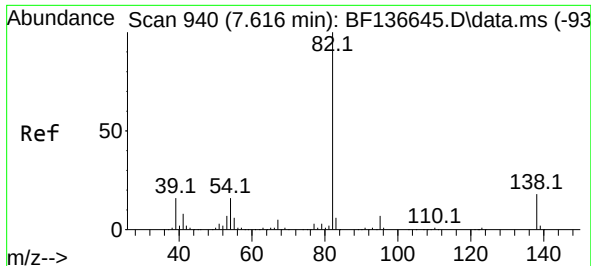
Tgt Ion:	136	Resp:	182819
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.8	7.2	10.8
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 73.924 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:	82	Resp:	264110
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	52.4	44.5	66.7

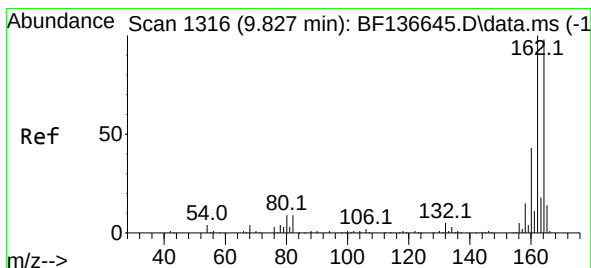
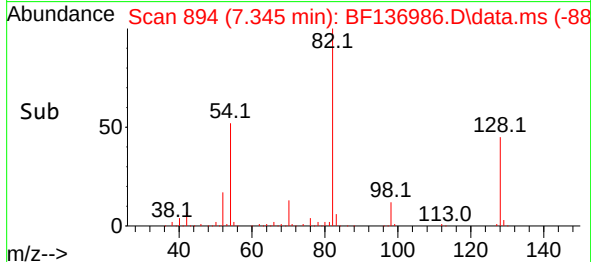
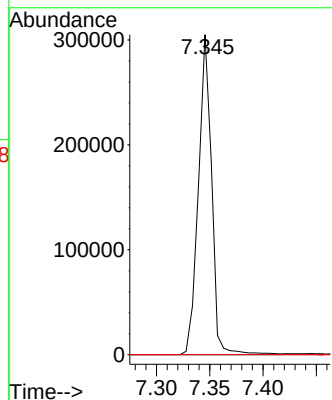
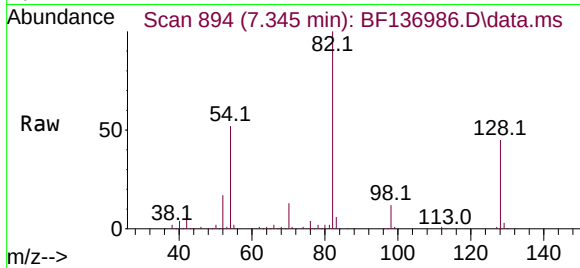




#25
Isophorone
Concen: 40.626 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

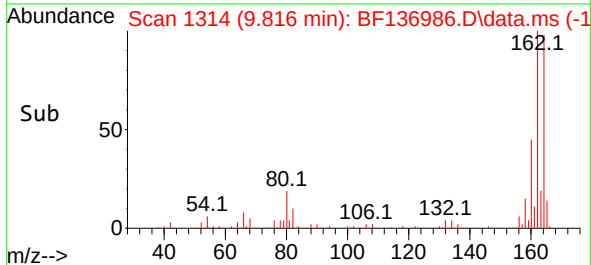
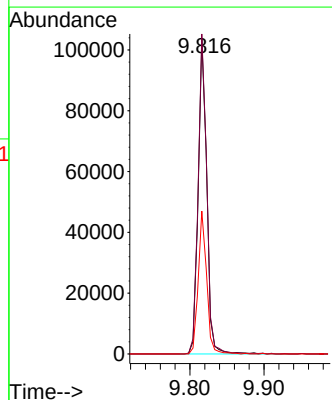
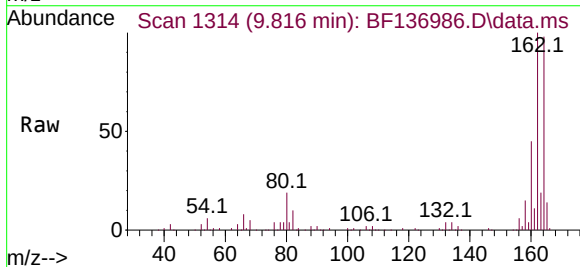
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

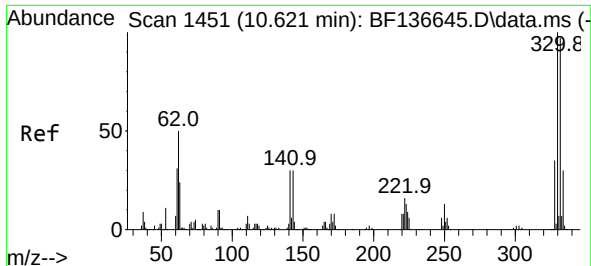
Tgt Ion: 82 Resp: 264104
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:164 Resp: 83174
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 45.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 107.220 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136986.D

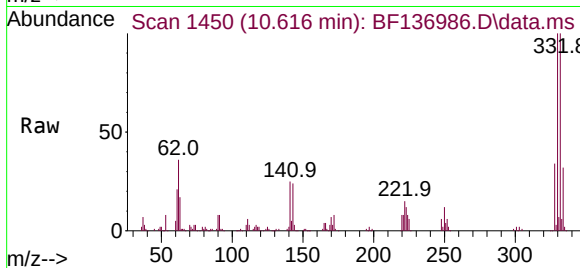
Acq: 05 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

SP-303-20240104



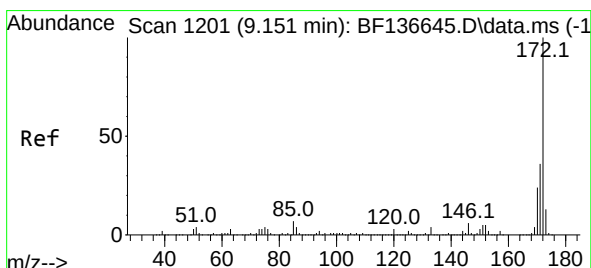
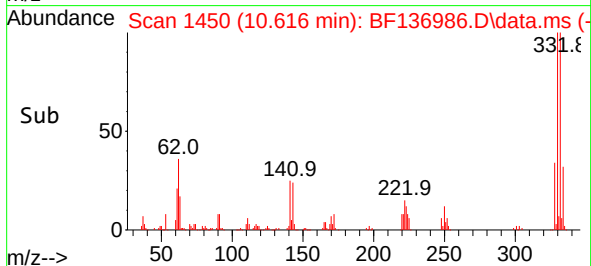
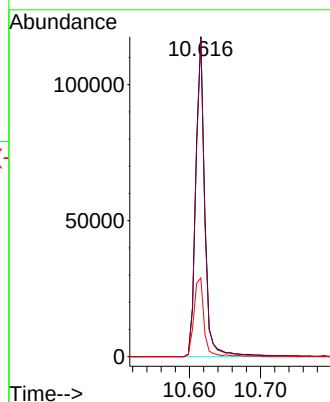
Tgt Ion:330 Resp: 105028

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.0

141 27.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.631 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136986.D

Acq: 05 Jan 2024 20:34

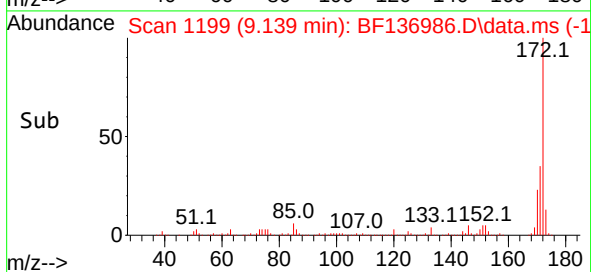
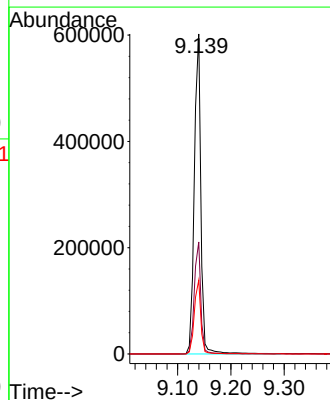
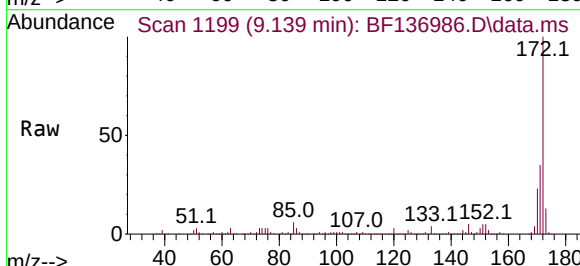
Tgt Ion:172 Resp: 517173

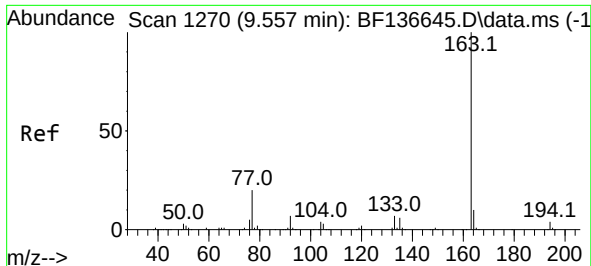
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.1 19.0 28.4

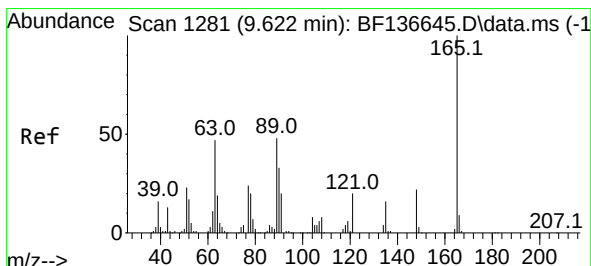
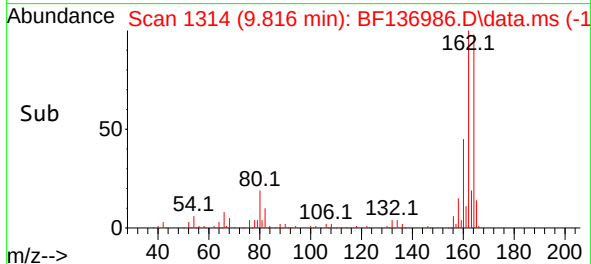
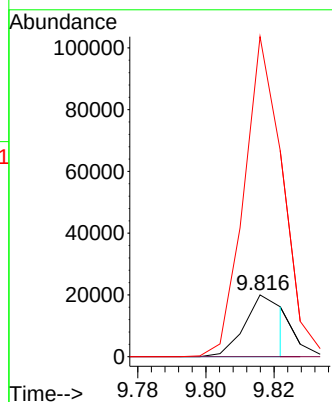
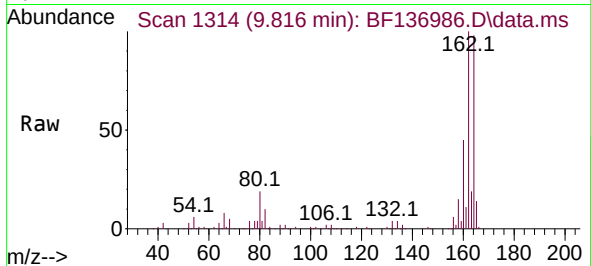




#50
Dimethylphthalate
Concen: 2.590 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

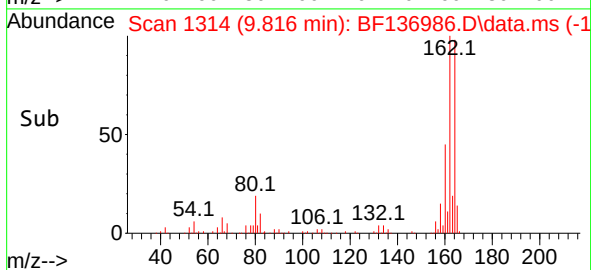
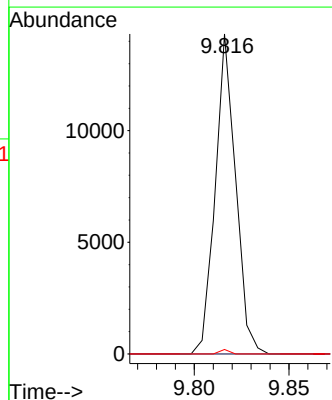
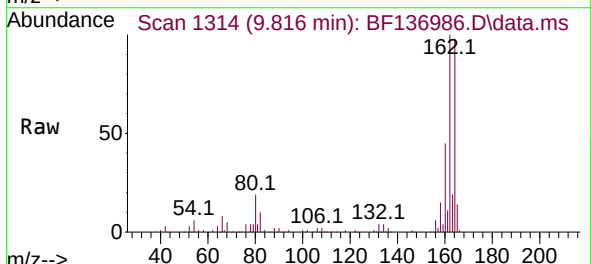
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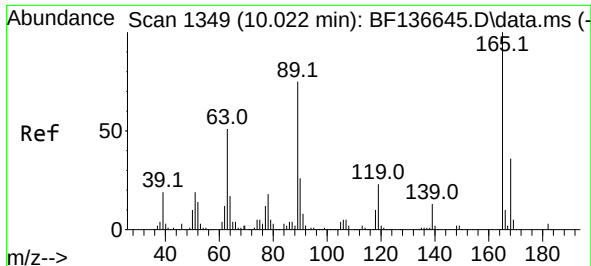
Tgt Ion:163 Resp: 15734
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 517.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:165 Resp: 10742
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 1.4 38.8 58.2#

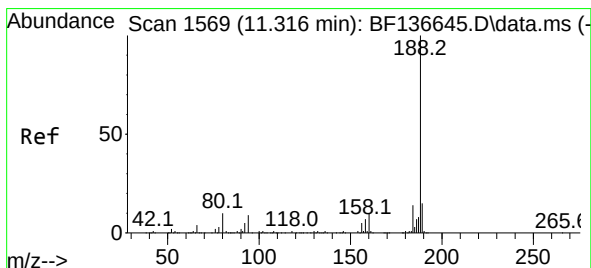
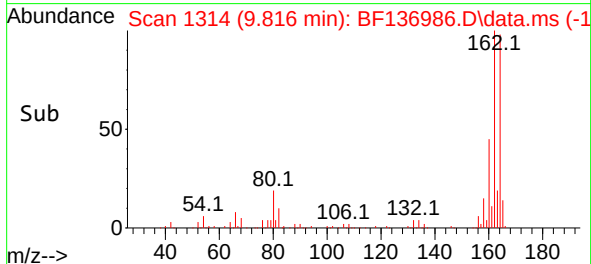
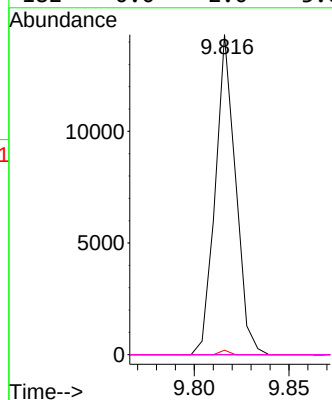
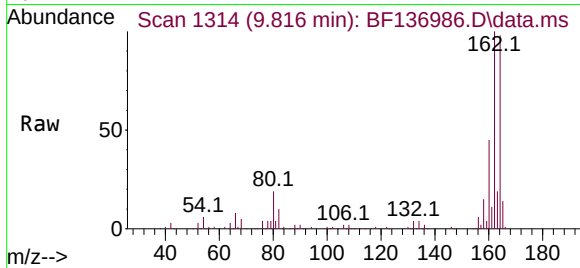




#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

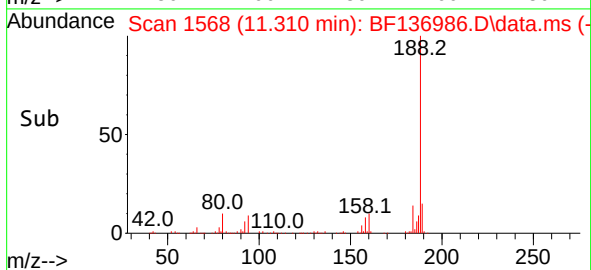
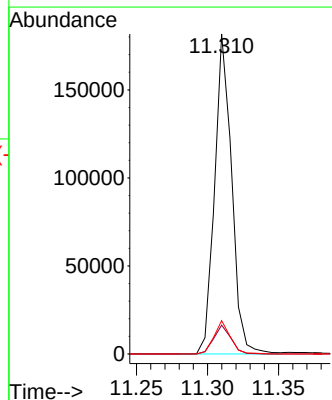
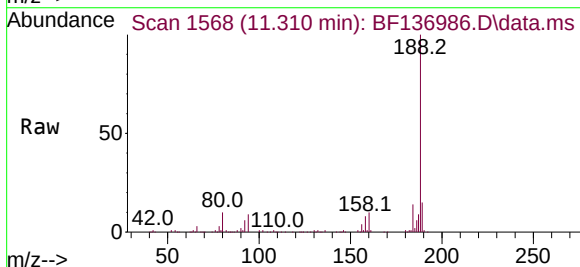
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

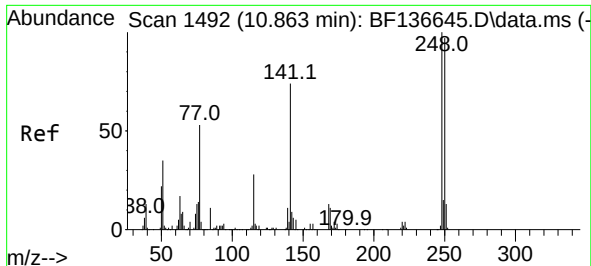
Tgt Ion:165 Resp: 10742
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:188 Resp: 151963
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 10.4 8.1 12.1

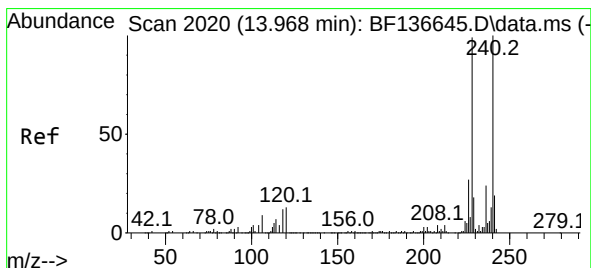
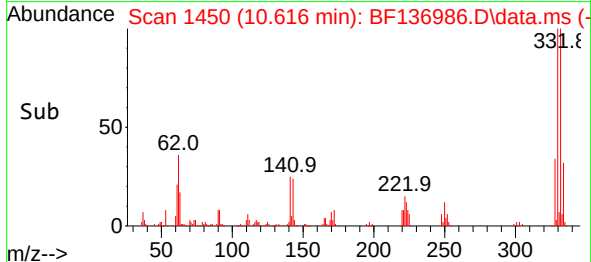
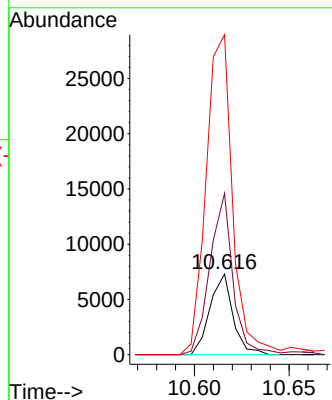
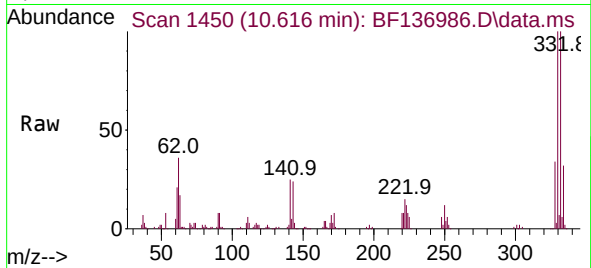




#67
4-Bromophenyl-phenylether
Concen: 3.679 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

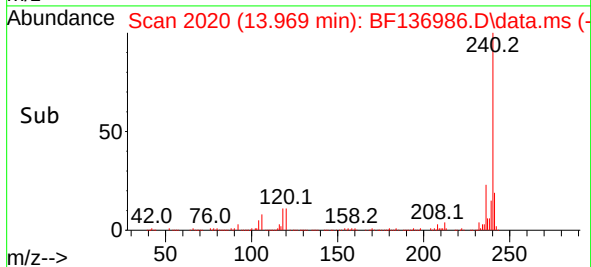
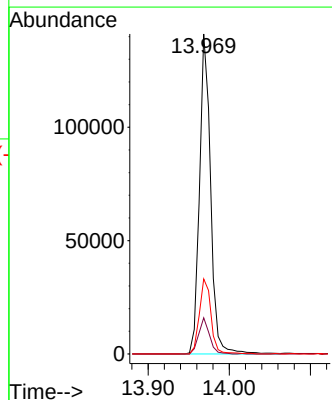
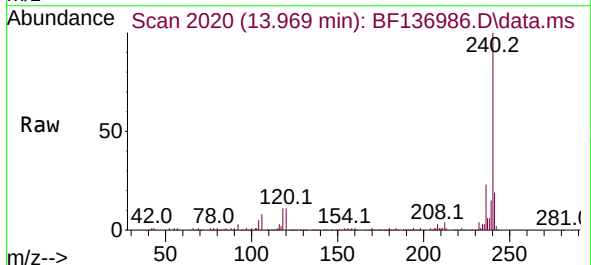
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

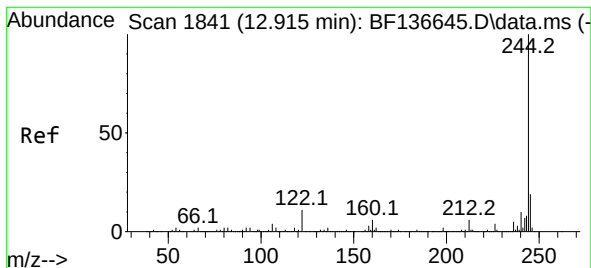
Tgt Ion:248 Resp: 6209
Ion Ratio Lower Upper
248 100
250 199.9 77.8 116.6#
141 396.7 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:240 Resp: 134674
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 23.4 19.4 29.2





#79

Terphenyl-d14

Concen: 55.816 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136986.D

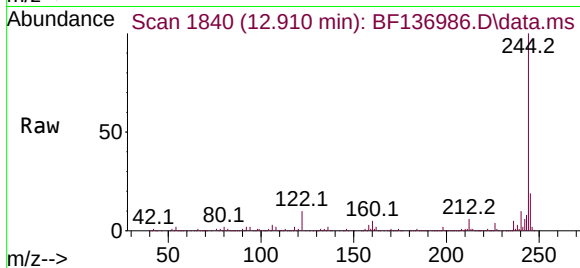
Acq: 05 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

SP-303-20240104



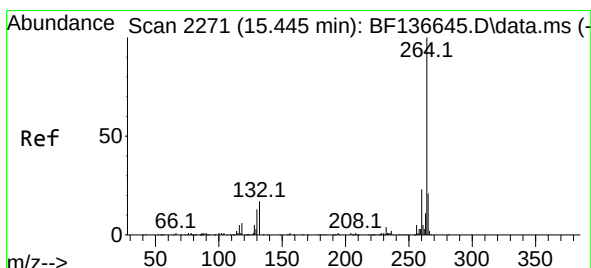
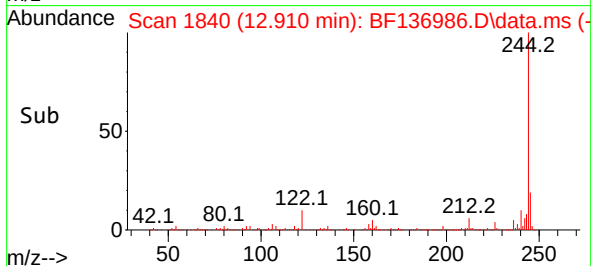
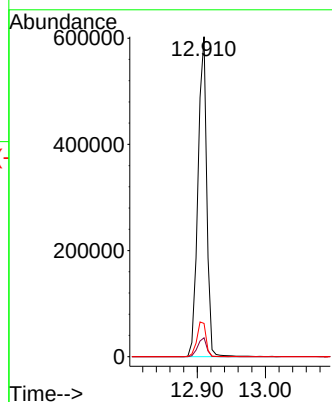
Tgt Ion:244 Resp: 537898

Ion Ratio Lower Upper

244 100

212 5.9 5.0 7.4

122 10.4 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136986.D

Acq: 05 Jan 2024 20:34

Tgt Ion:264 Resp: 112174

Ion Ratio Lower Upper

264 100

260 22.8 18.3 27.5

265 19.3 17.0 25.6

