

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136995.D
 Acq On : 08 Jan 2024 13:47
 Operator : CG\JU
 Sample : P1042-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240104

Quant Time: Jan 08 14:07:58 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)

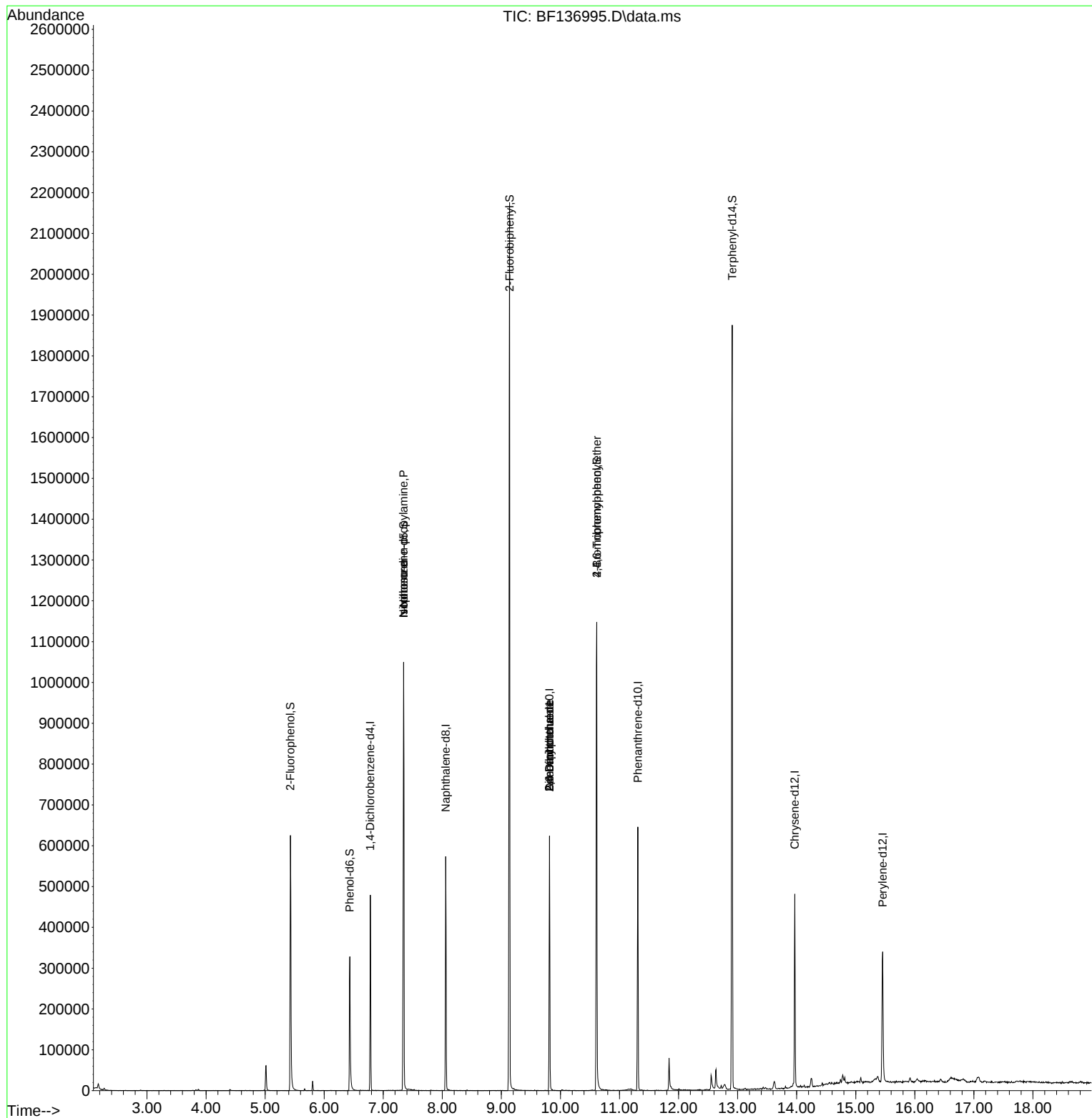
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67158	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	252297	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123247	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	227178	20.000	ng	0.00
76) Chrysene-d12	13.968	240	157980	20.000	ng	0.00
86) Perylene-d12	15.457	264	162502	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	181377	42.139	ng	0.00
7) Phenol-d6	6.434	99	128553	23.050	ng	0.00
23) Nitrobenzene-d5	7.345	82	353070	71.610	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	157990	108.845	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	705008	76.937	ng	-0.01
79) Terphenyl-d14	12.910	244	706138	62.464	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	46310	13.698	ng	# 73
25) Isophorone	7.345	82	353067	39.354	ng	# 65
50) Dimethylphthalate	9.816	163	25044	2.782	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15704	7.686	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	15704	5.921	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	9396	3.724	ng	# 1

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

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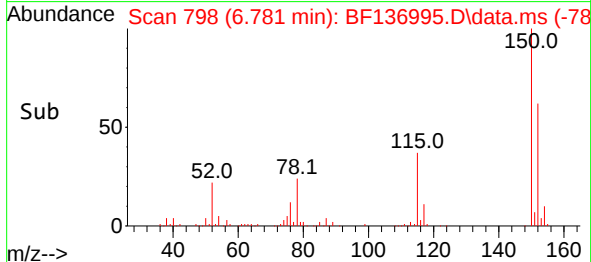
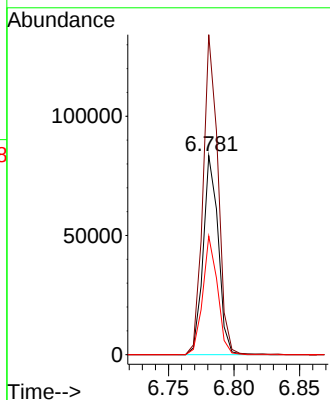
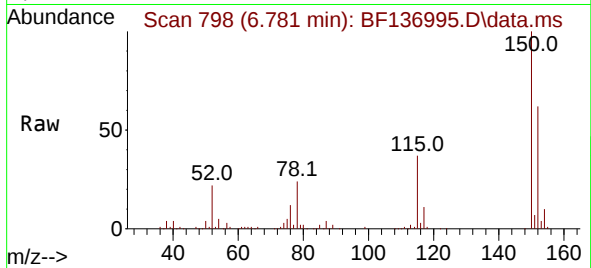




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

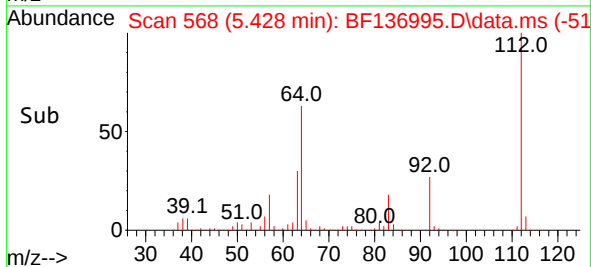
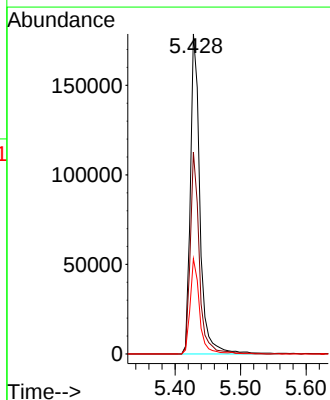
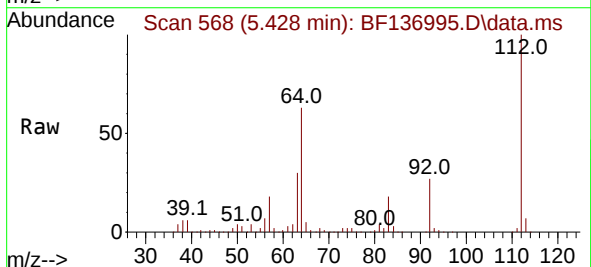
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

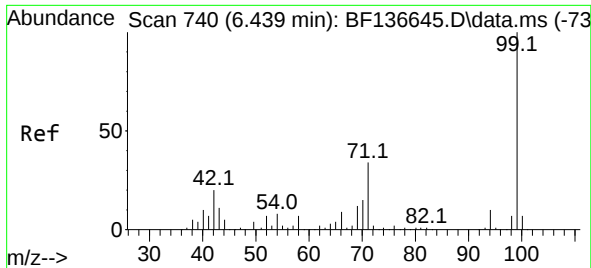
Tgt Ion:152 Resp: 67158
Ion Ratio Lower Upper
152 100
150 160.8 127.0 190.6
115 59.5 49.0 73.4



#5
2-Fluorophenol
Concen: 42.139 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion:112 Resp: 181377
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 29.8 26.1 39.1

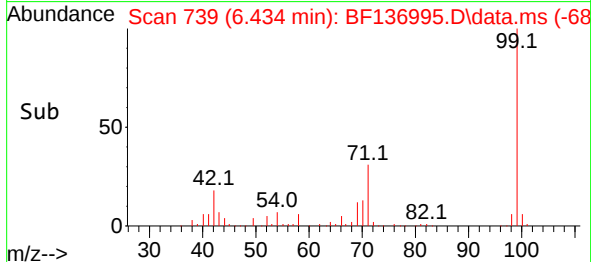
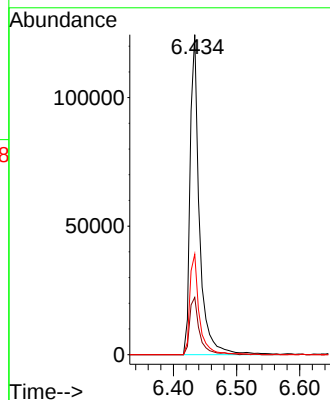
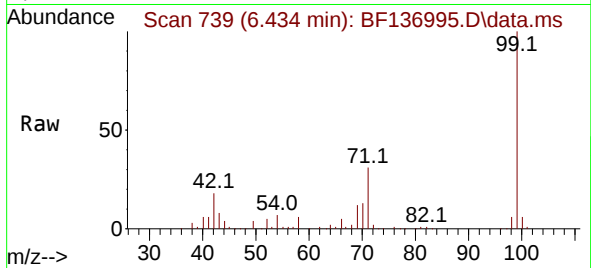




#7
Phenol-d6
Concen: 23.050 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

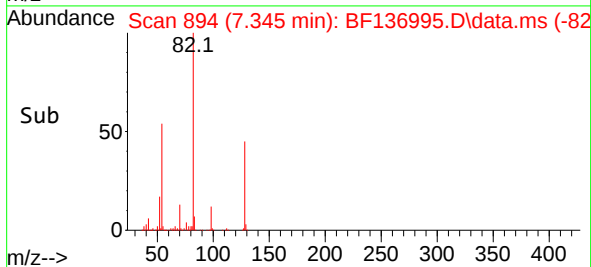
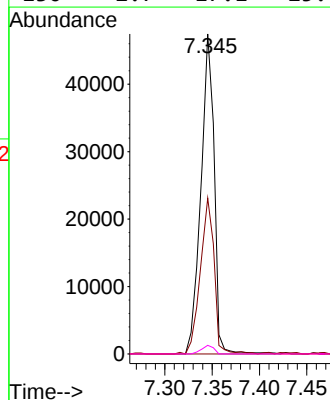
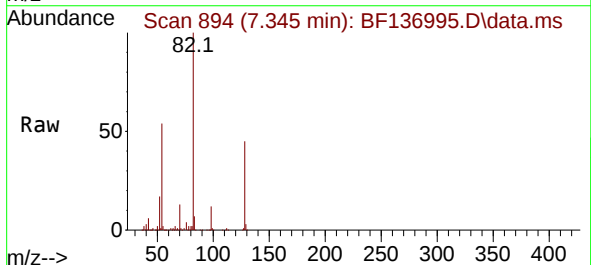
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

Tgt Ion: 99 Resp: 128553
Ion Ratio Lower Upper
99 100
42 17.9 16.1 24.1
71 31.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.698 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion: 70 Resp: 46310
Ion Ratio Lower Upper
70 100
42 48.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.7 17.1 25.7#



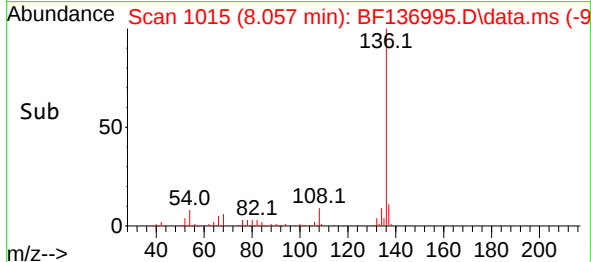
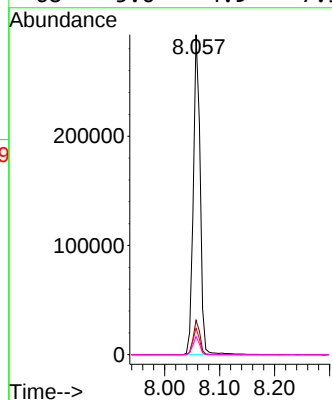
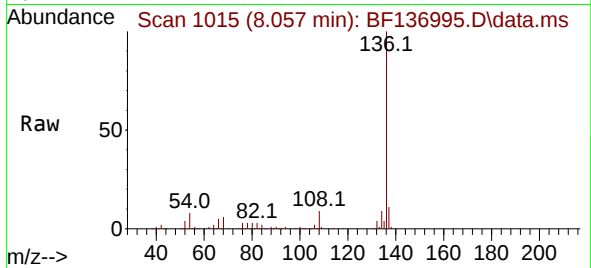


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

Tgt Ion:136 Resp: 252297

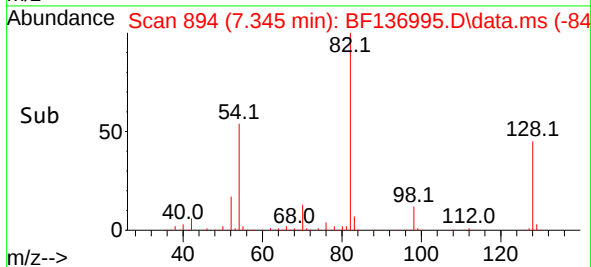
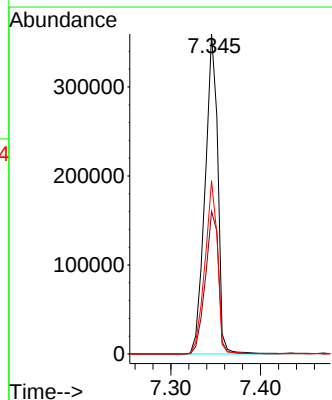
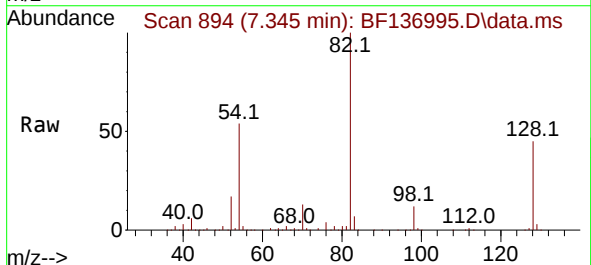
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.2	7.2	10.8
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 71.610 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion: 82 Resp: 353070

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	54.2	44.5	66.7

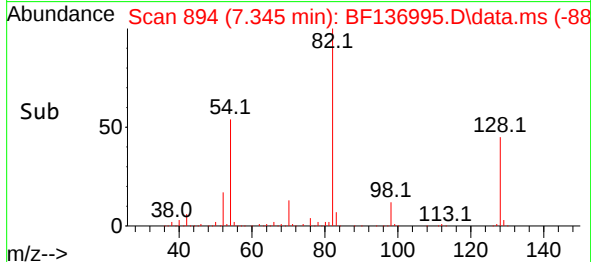
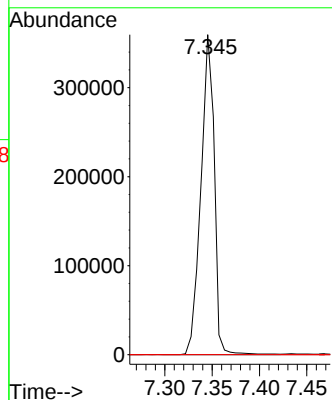
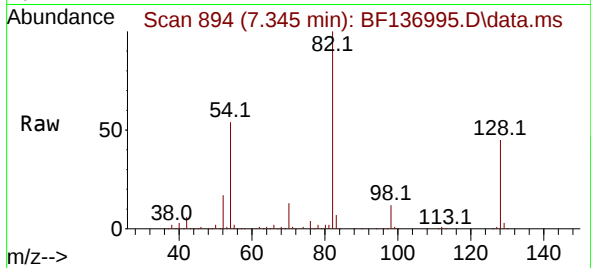




#25
Isophorone
Concen: 39.354 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

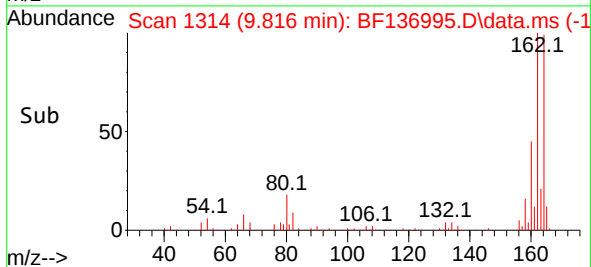
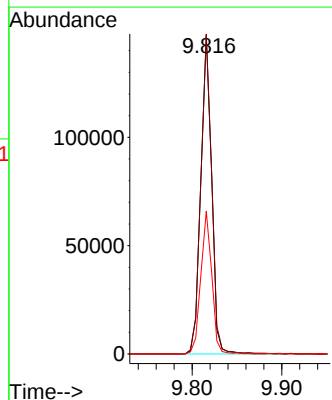
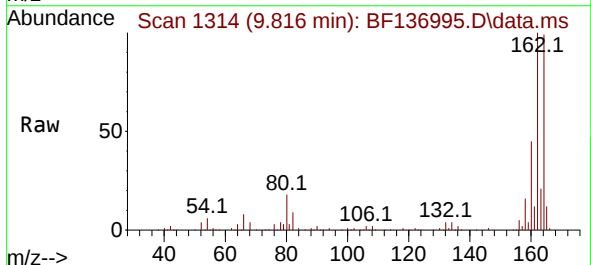
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

Tgt Ion: 82 Resp: 353067
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: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion:164 Resp: 123247
Ion Ratio Lower Upper
164 100
162 100.5 81.6 122.4
160 44.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 108.845 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136995.D

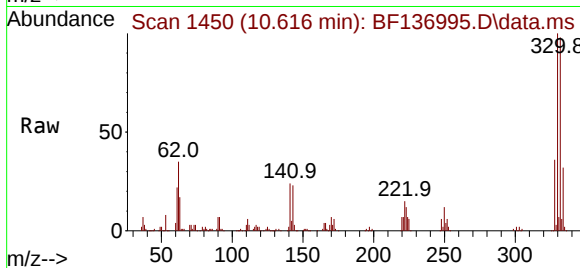
Acq: 08 Jan 2024 13:47

Instrument :

BNA_F

ClientSampleId :

SP-303-20240104



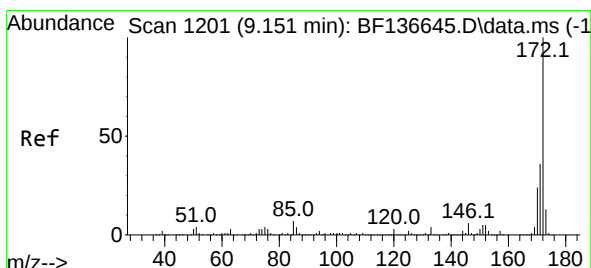
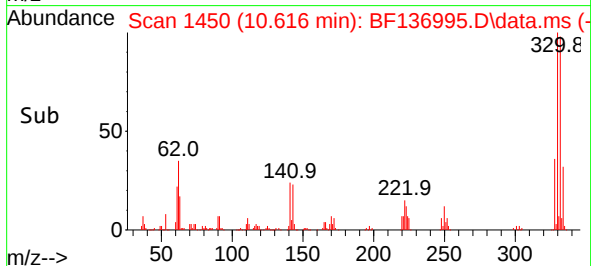
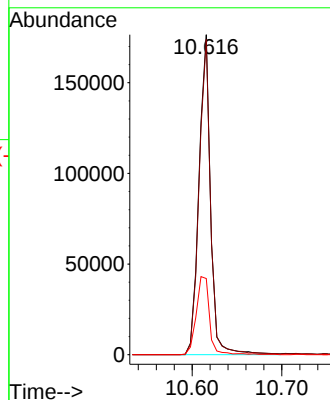
Tgt Ion:330 Resp: 157990

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 76.937 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136995.D

Acq: 08 Jan 2024 13:47

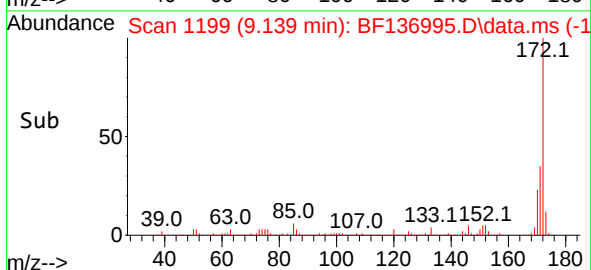
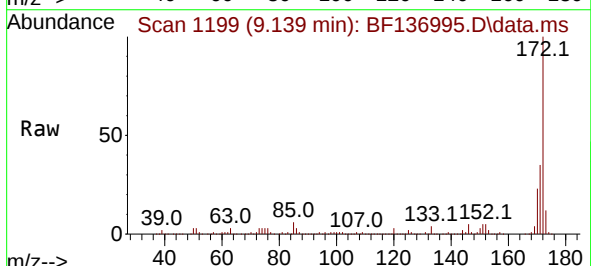
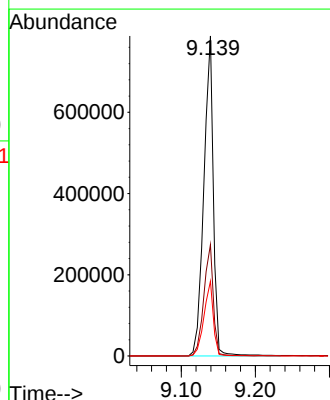
Tgt Ion:172 Resp: 705008

Ion Ratio Lower Upper

172 100

171 34.8 29.0 43.6

170 23.3 19.0 28.4

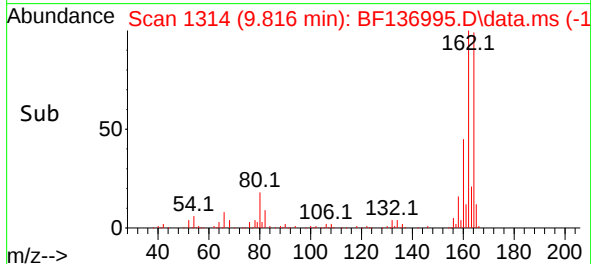
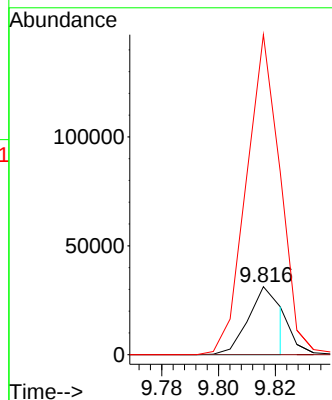
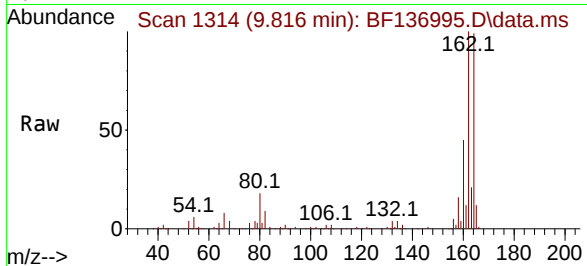




#50
Dimethylphthalate
Concen: 2.782 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

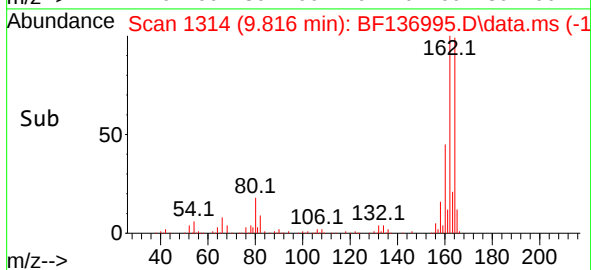
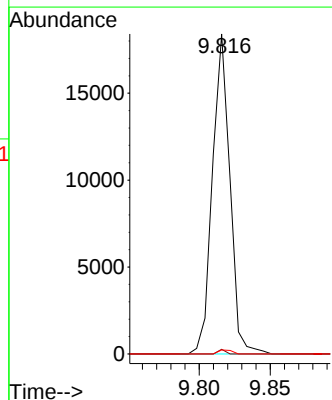
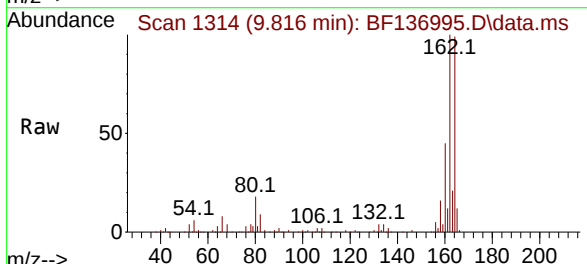
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

Tgt Ion:163 Resp: 25044
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 470.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.686 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion:165 Resp: 15704
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.2 38.8 58.2#

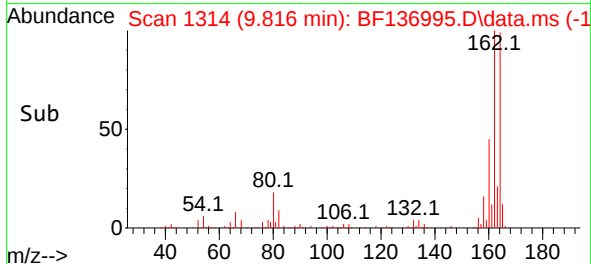
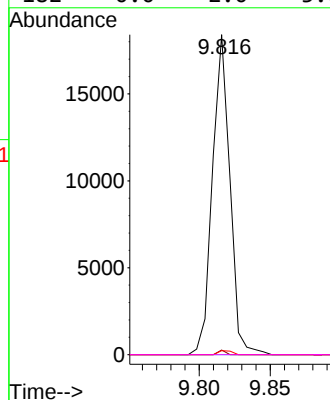
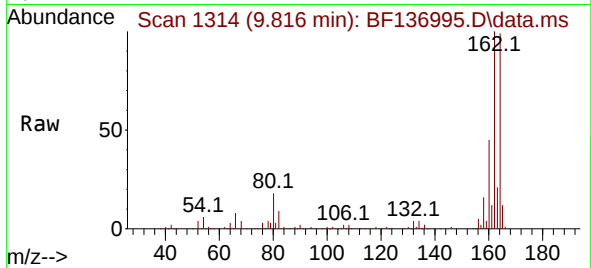




#57
2,4-Dinitrotoluene
Concen: 5.921 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

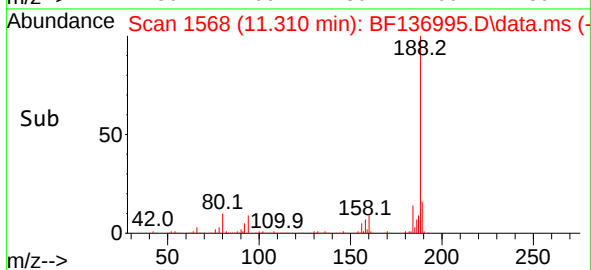
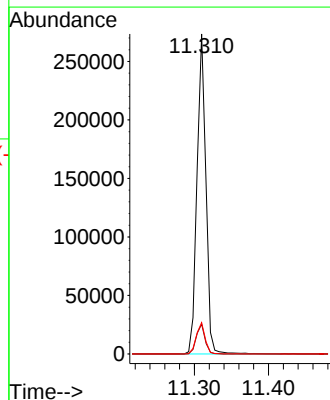
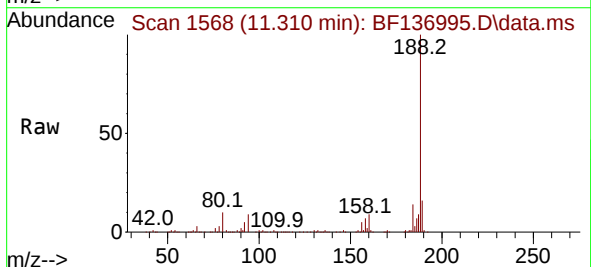
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ClientSampleId :
SP-303-20240104

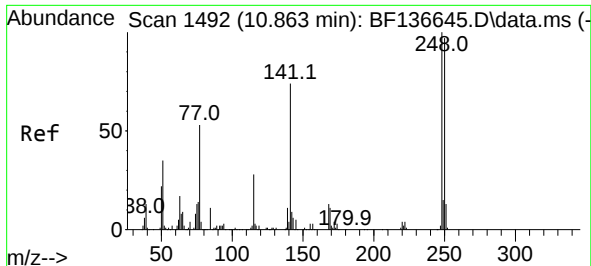
Tgt Ion:165 Resp: 15704
Ion Ratio Lower Upper
165 100
63 1.5 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion:188 Resp: 227178
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.8 8.1 12.1

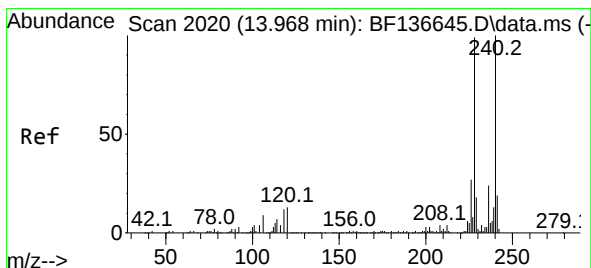
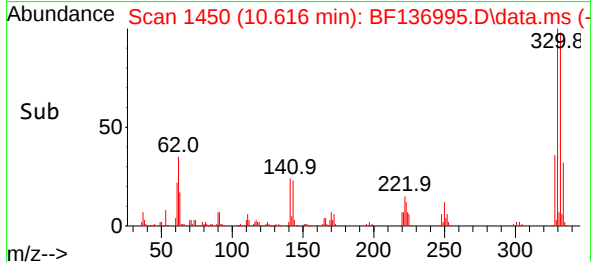
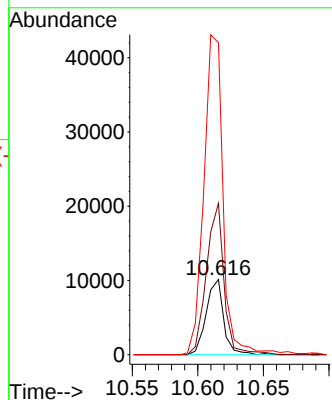
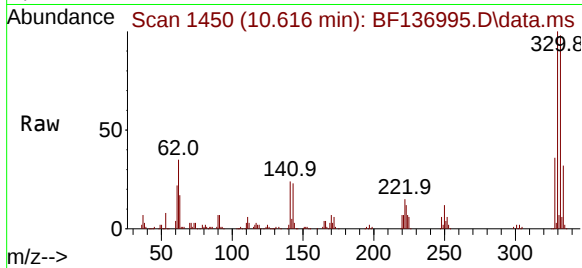




#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

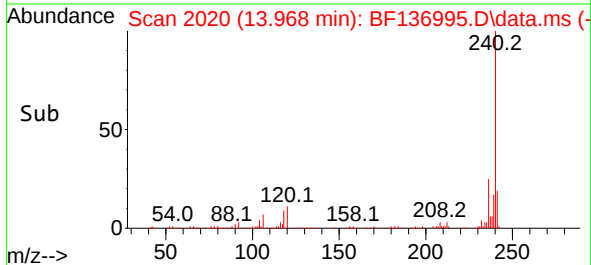
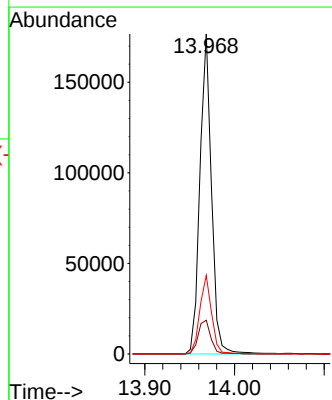
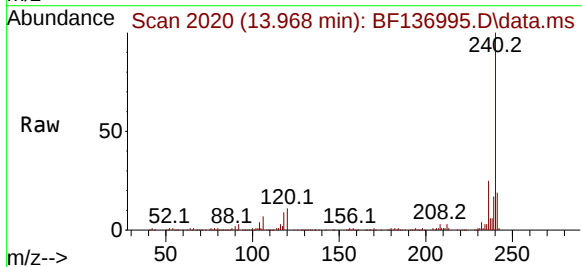
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

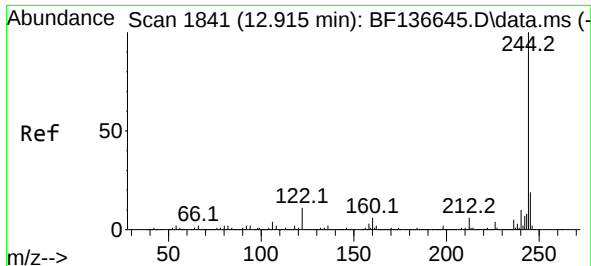
Tgt Ion:248 Resp: 9396
Ion Ratio Lower Upper
248 100
250 201.7 77.8 116.6#
141 414.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

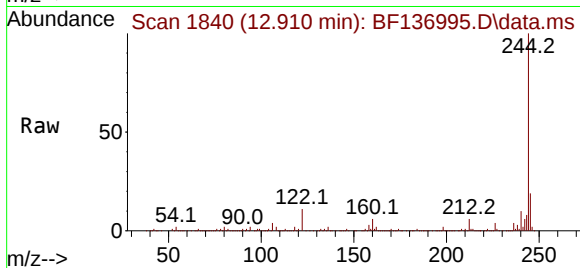
Tgt Ion:240 Resp: 157980
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 24.6 19.4 29.2



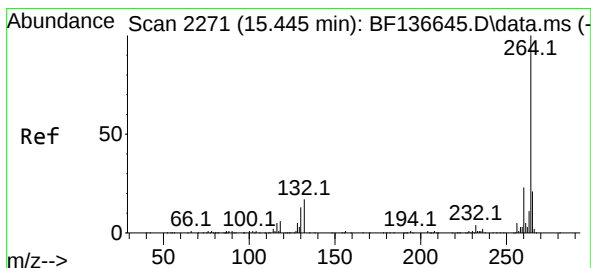
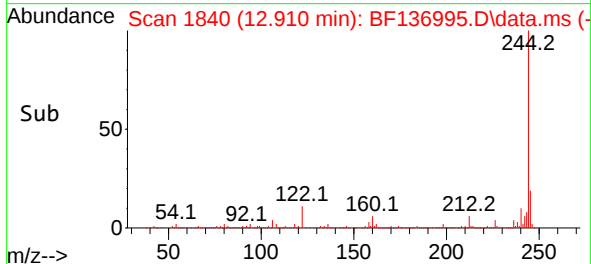
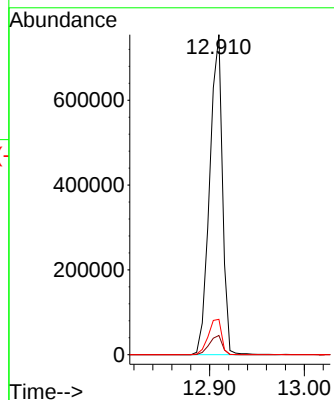


#79
Terphenyl-d14
Concen: 62.464 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136995.D
Acq: 08 Jan 2024 13:47

Instrument :
BNA_F
ClientSampleId :
SP-303-20240104



Tgt Ion:244 Resp: 706138
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 11.1 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: BF136995.D
Acq: 08 Jan 2024 13:47

Tgt Ion:264 Resp: 162502
Ion Ratio Lower Upper
264 100
260 22.2 18.3 27.5
265 21.4 17.0 25.6

