

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136965.D
 Acq On : 05 Jan 2024 04:05
 Operator : CG\JU
 Sample : P1006-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-7-010324

Quant Time: Jan 05 04:25:35 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)

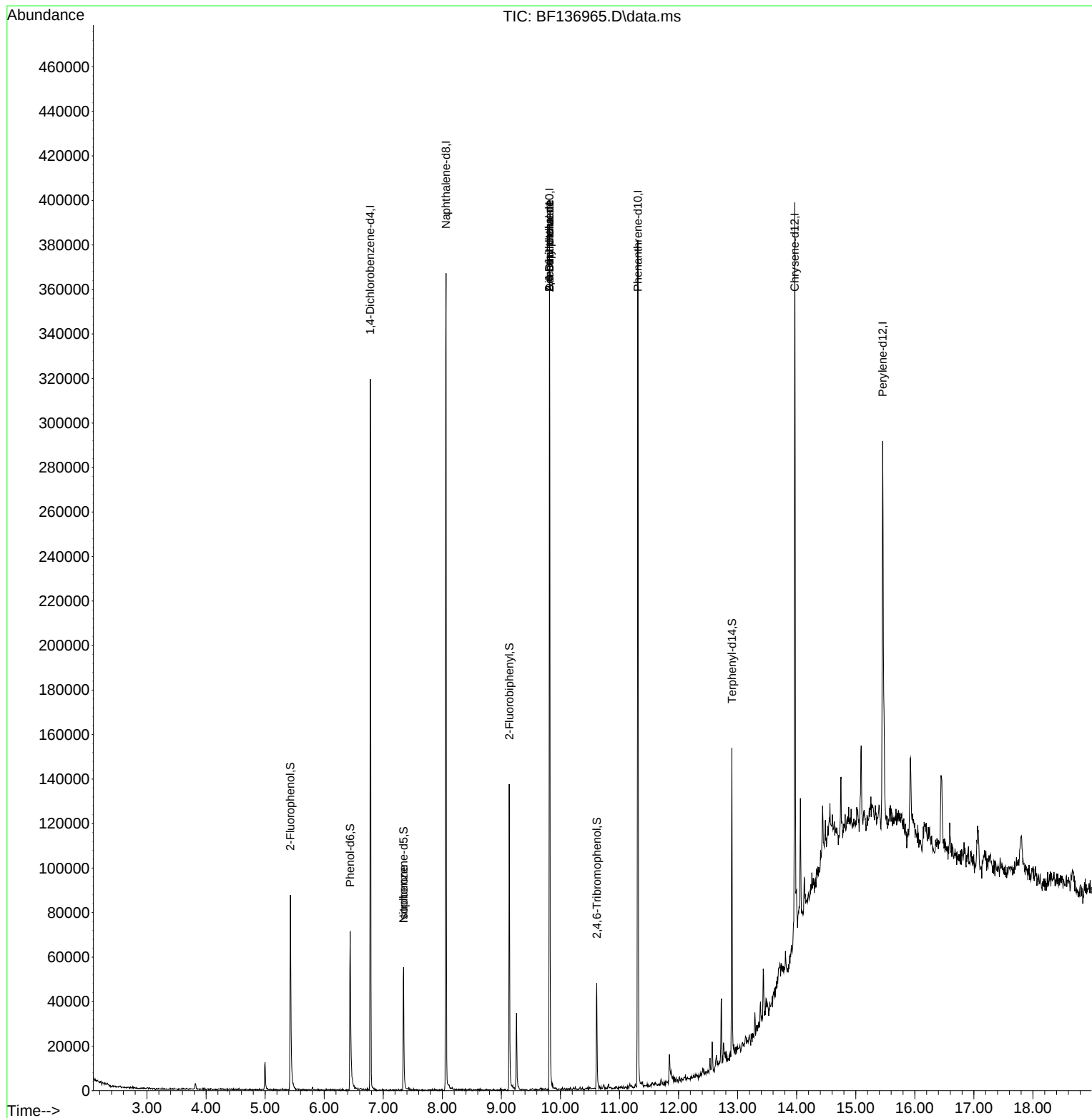
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	45000	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	164718	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	77034	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	139963	20.000	ng	0.00
76) Chrysene-d12	13.968	240	109044	20.000	ng	0.00
86) Perylene-d12	15.457	264	81516	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	29109	10.093	ng	0.00
7) Phenol-d6	6.439	99	33850	9.058	ng	0.00
23) Nitrobenzene-d5	7.345	82	19099	5.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	7614	8.392	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	43681	7.627	ng	-0.02
79) Terphenyl-d14	12.904	244	45136	5.784	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.345	82	19099	3.261	ng	# 65
50) Dimethylphthalate	9.816	163	12838	2.282	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	10054	7.873	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	10054	6.065	ng	# 21

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

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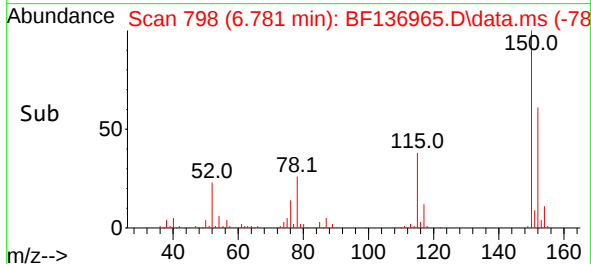
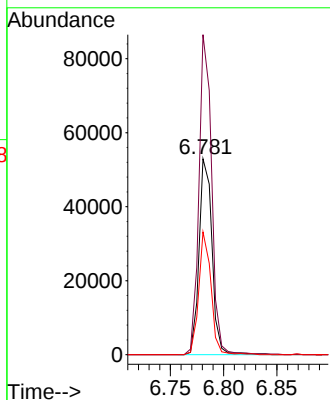
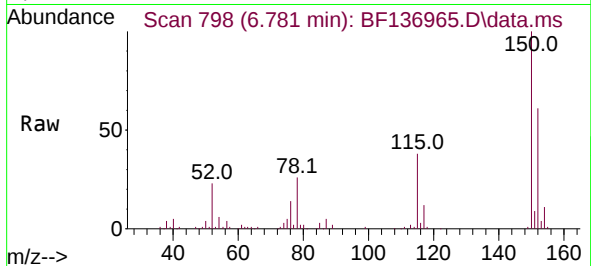




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136965.D
Acq: 05 Jan 2024 04:05

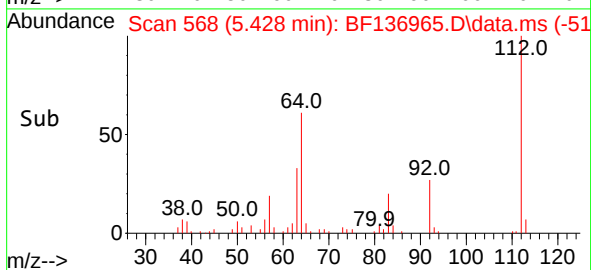
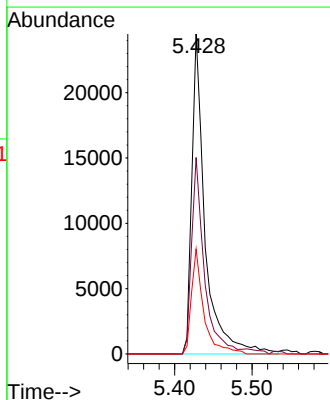
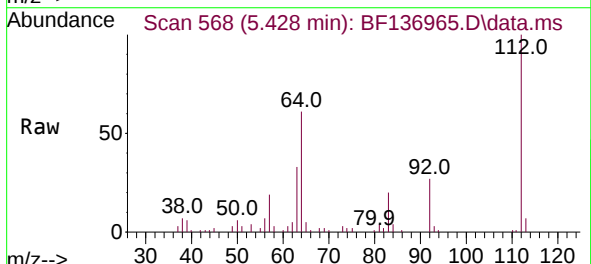
Instrument :
BNA_F
ClientSampleId :
NB-7-010324

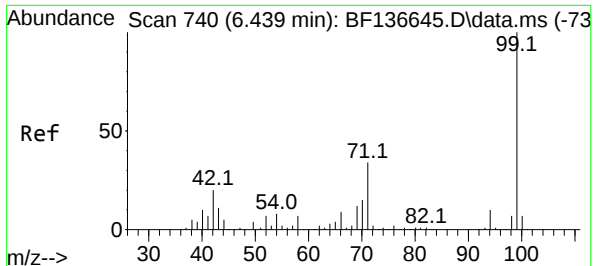
Tgt Ion:152 Resp: 45000
Ion Ratio Lower Upper
152 100
150 163.4 127.0 190.6
115 62.7 49.0 73.4



#5
2-Fluorophenol
Concen: 10.093 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136965.D
Acq: 05 Jan 2024 04:05

Tgt Ion:112 Resp: 29109
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 32.8 26.1 39.1

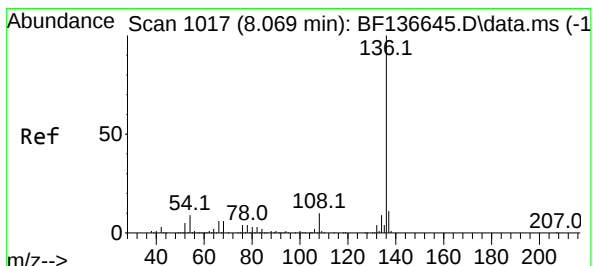
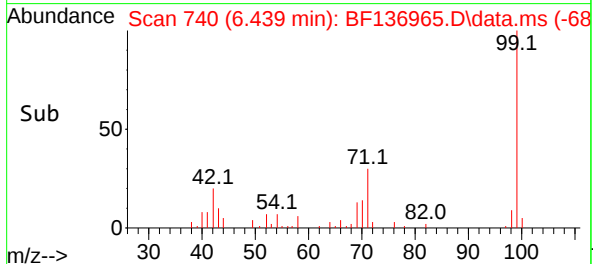
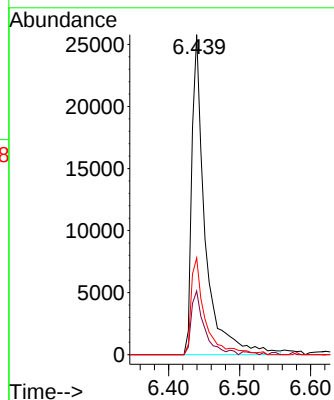
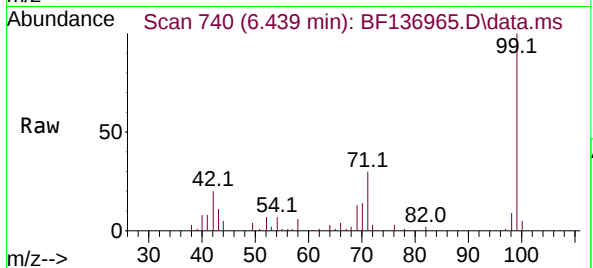




#7
Phenol-d6
Concen: 9.058 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136965.D
Acq: 05 Jan 2024 04:05

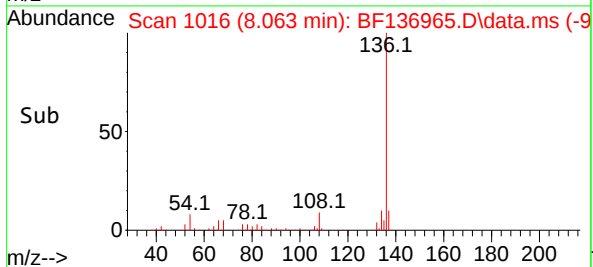
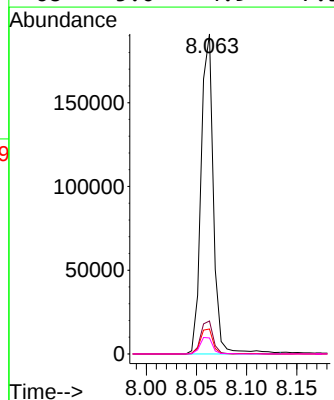
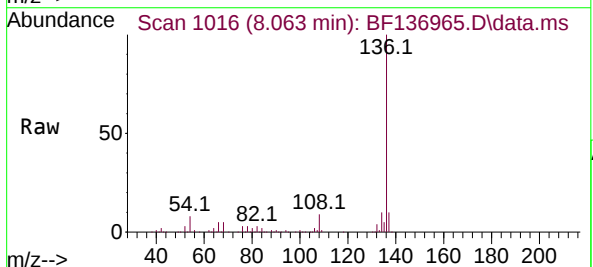
Instrument :
BNA_F
ClientSampleId :
NB-7-010324

Tgt Ion: 99 Resp: 33850
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 30.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136965.D
Acq: 05 Jan 2024 04:05

Tgt Ion: 136 Resp: 164718
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.8 7.2 10.8
68 5.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 5.933 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

Instrument :

BNA_F

ClientSampleId :

NB-7-010324

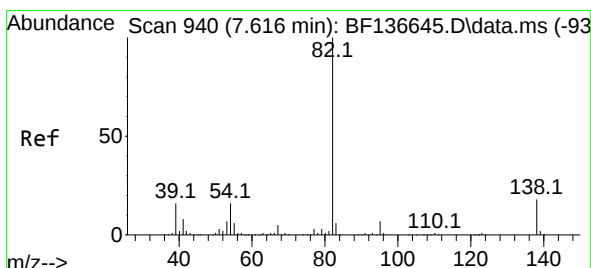
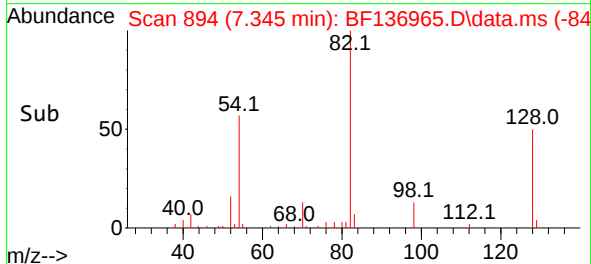
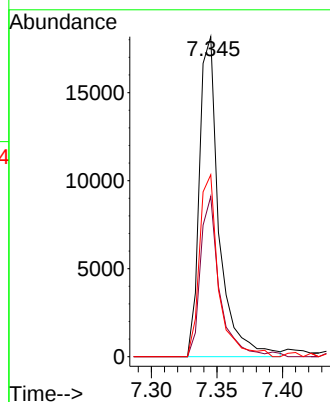
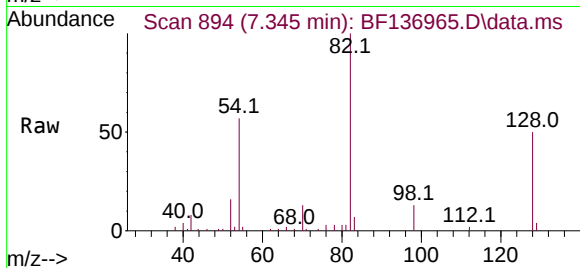
Tgt Ion: 82 Resp: 19099

Ion Ratio Lower Upper

82 100

128 50.0 35.3 52.9

54 56.8 44.5 66.7



#25

Isophorone

Concen: 3.261 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.271 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

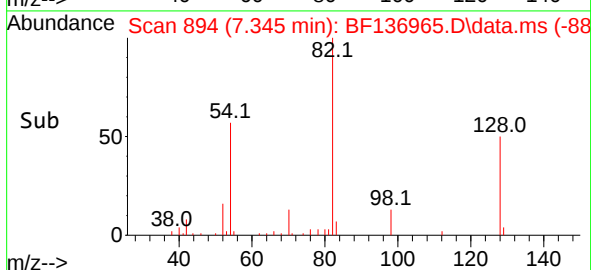
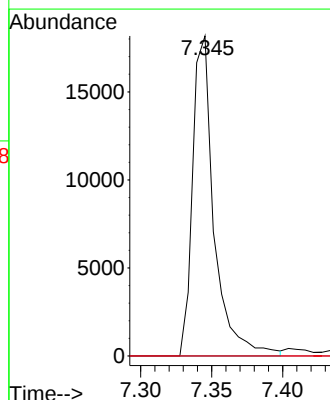
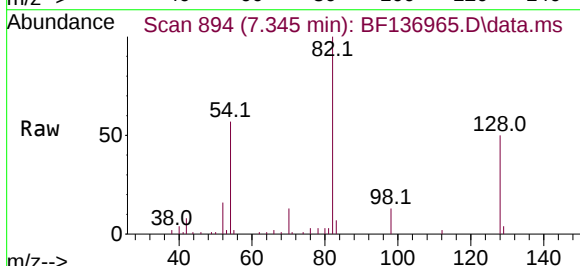
Tgt Ion: 82 Resp: 19099

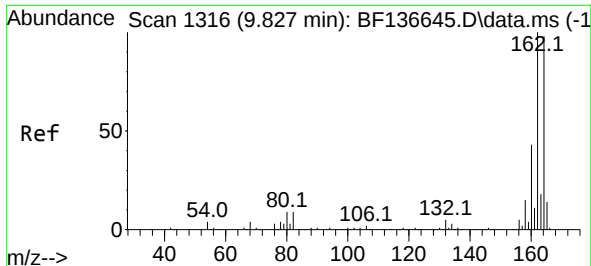
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.012 min

Lab File: BF136965.D

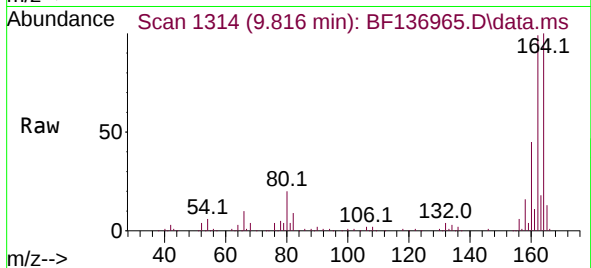
Acq: 05 Jan 2024 04:05

Instrument :

BNA_F

ClientSampleId :

NB-7-010324



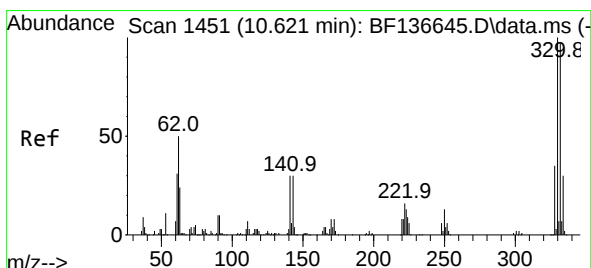
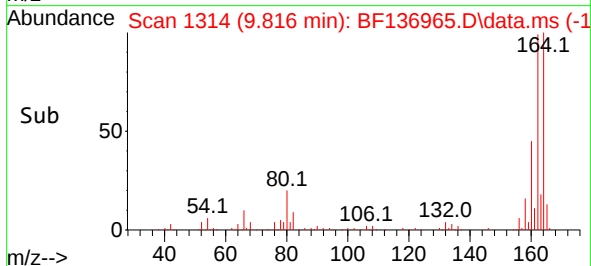
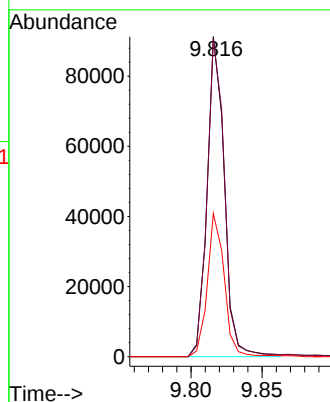
Tgt Ion:164 Resp: 77034

Ion Ratio Lower Upper

164 100

162 99.4 81.6 122.4

160 44.8 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 8.392 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

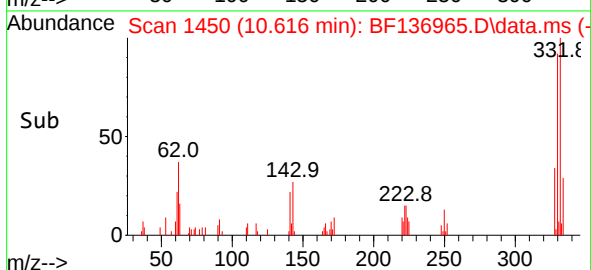
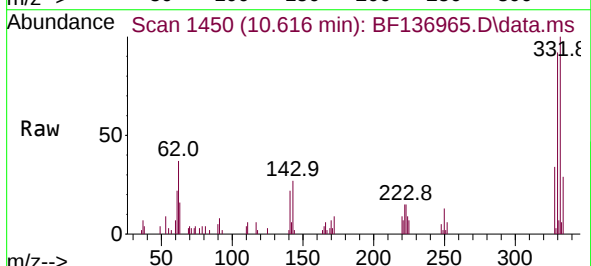
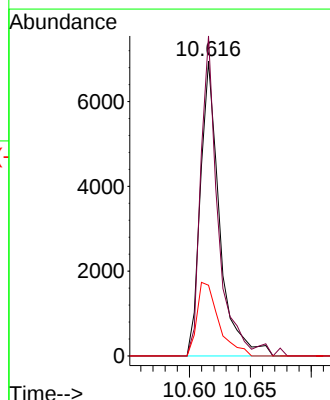
Tgt Ion:330 Resp: 7614

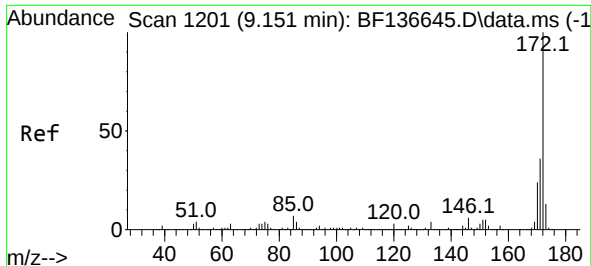
Ion Ratio Lower Upper

330 100

332 99.4 77.4 116.0

141 28.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 7.627 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

Instrument :

BNA_F

ClientSampleId :

NB-7-010324

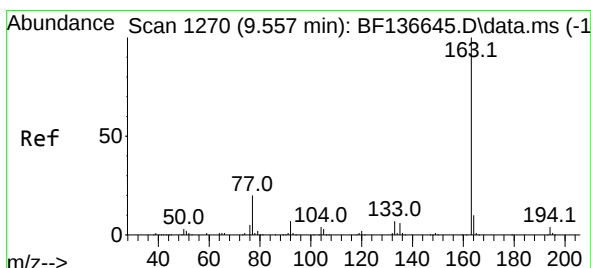
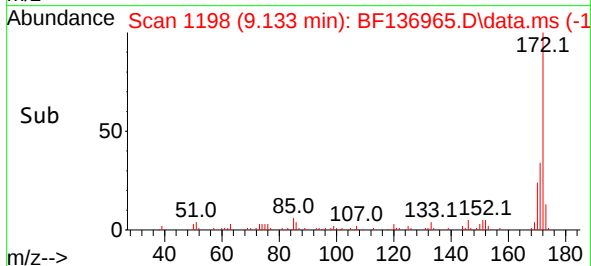
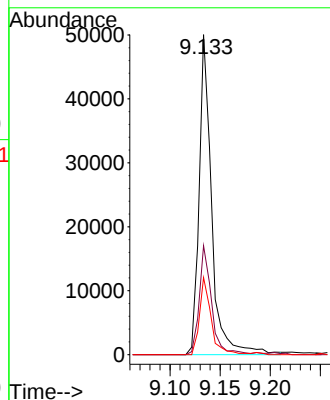
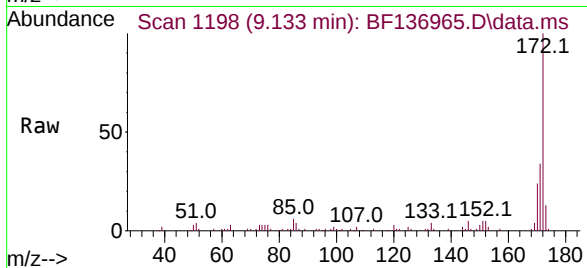
Tgt Ion:172 Resp: 43681

Ion Ratio Lower Upper

172 100

171 34.0 29.0 43.6

170 24.1 19.0 28.4



#50

Dimethylphthalate

Concen: 2.282 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.259 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

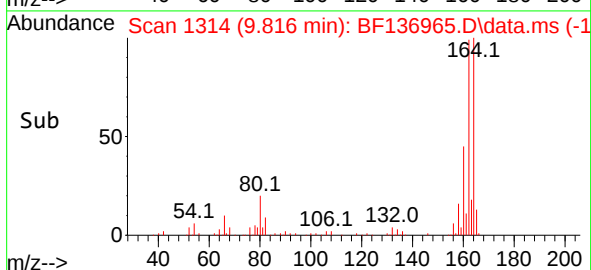
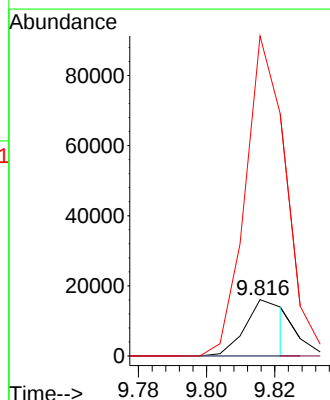
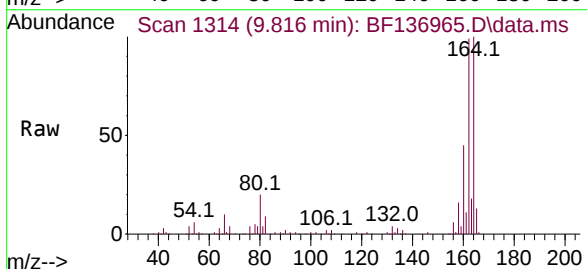
Tgt Ion:163 Resp: 12838

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 568.6 7.8 11.6#

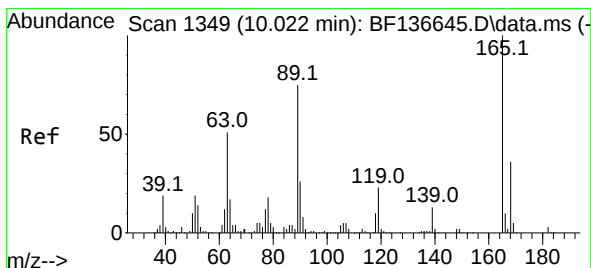
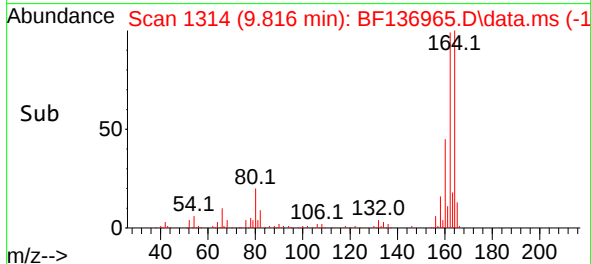
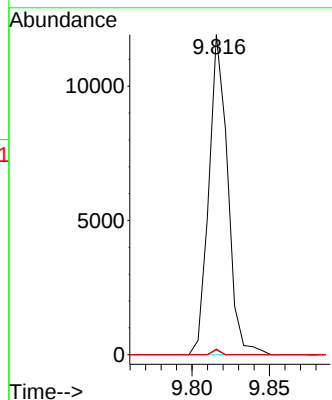
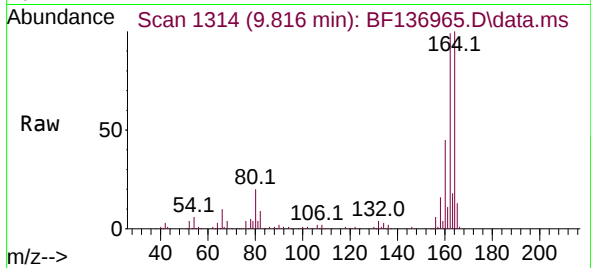




#51
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136965.D
Acq: 05 Jan 2024 04:05

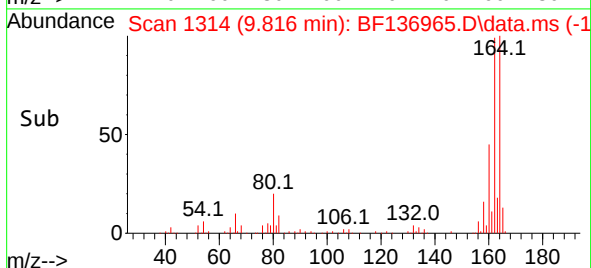
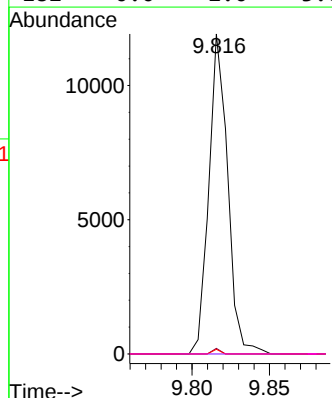
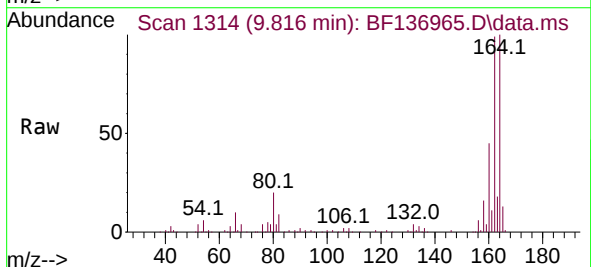
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NB-7-010324

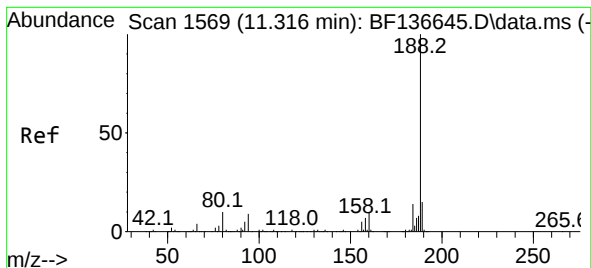
Tgt Ion:165 Resp: 10054
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.5 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.065 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF136965.D
Acq: 05 Jan 2024 04:05

Tgt Ion:165 Resp: 10054
Ion Ratio Lower Upper
165 100
63 1.8 41.0 61.6#
89 1.5 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

Instrument :

BNA_F

ClientSampleId :

NB-7-010324

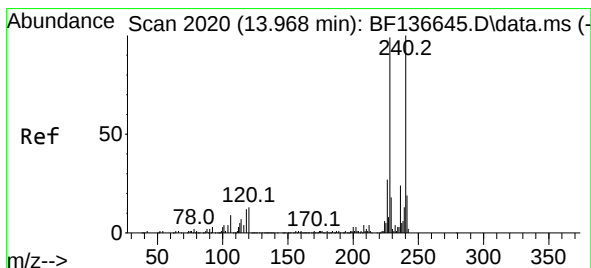
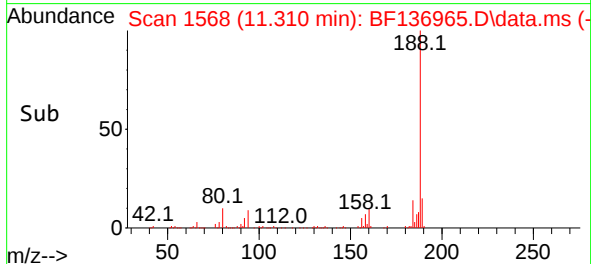
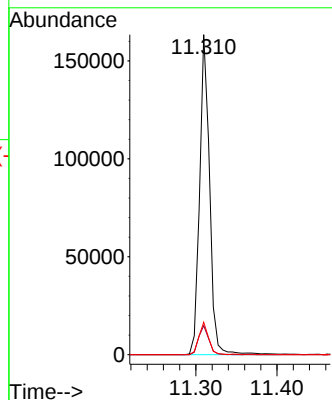
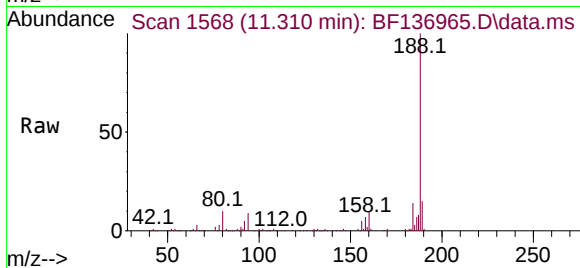
Tgt Ion:188 Resp: 139963

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136965.D

Acq: 05 Jan 2024 04:05

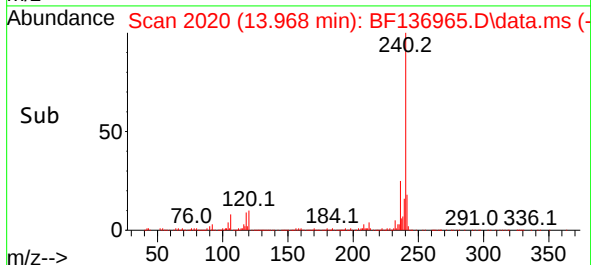
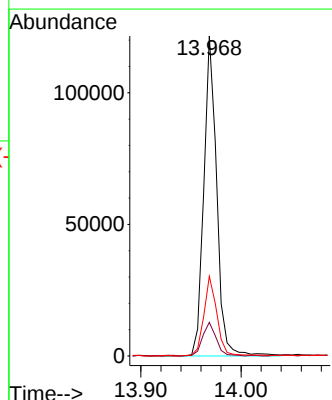
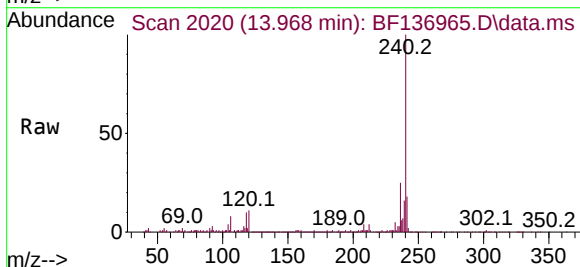
Tgt Ion:240 Resp: 109044

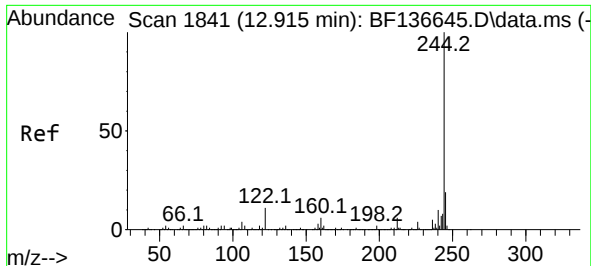
Ion Ratio Lower Upper

240 100

120 10.5 10.3 15.5

236 24.9 19.4 29.2

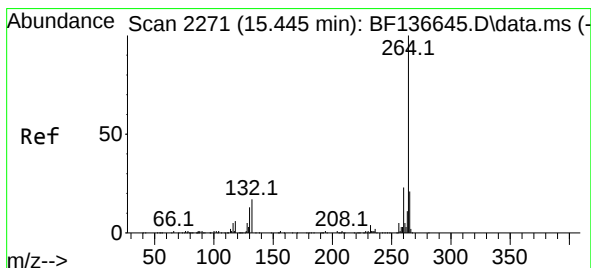
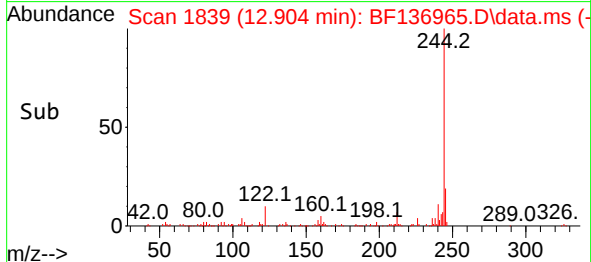
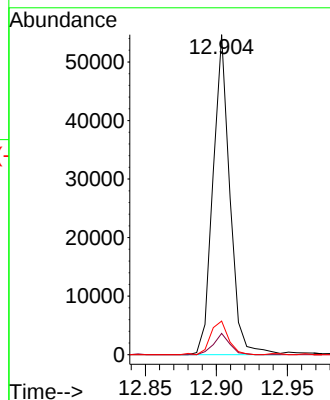
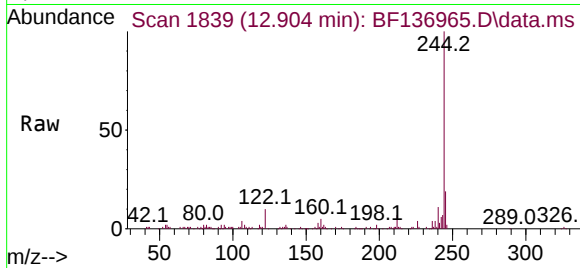




#79
 Terphenyl-d14
 Concen: 5.784 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136965.D
 Acq: 05 Jan 2024 04:05

Instrument :
 BNA_F
 ClientSampleId :
 NB-7-010324

Tgt Ion:244 Resp: 45136
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.5 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: BF136965.D
 Acq: 05 Jan 2024 04:05

Tgt Ion:264 Resp: 81516
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.3 27.5
 265 21.3 17.0 25.6

