

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
 Data File : BF134989.D
 Acq On : 29 Aug 2023 18:03
 Operator : CG\JU
 Sample : 04170-02RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01RE

Quant Time: Aug 29 22:28:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 02:45:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

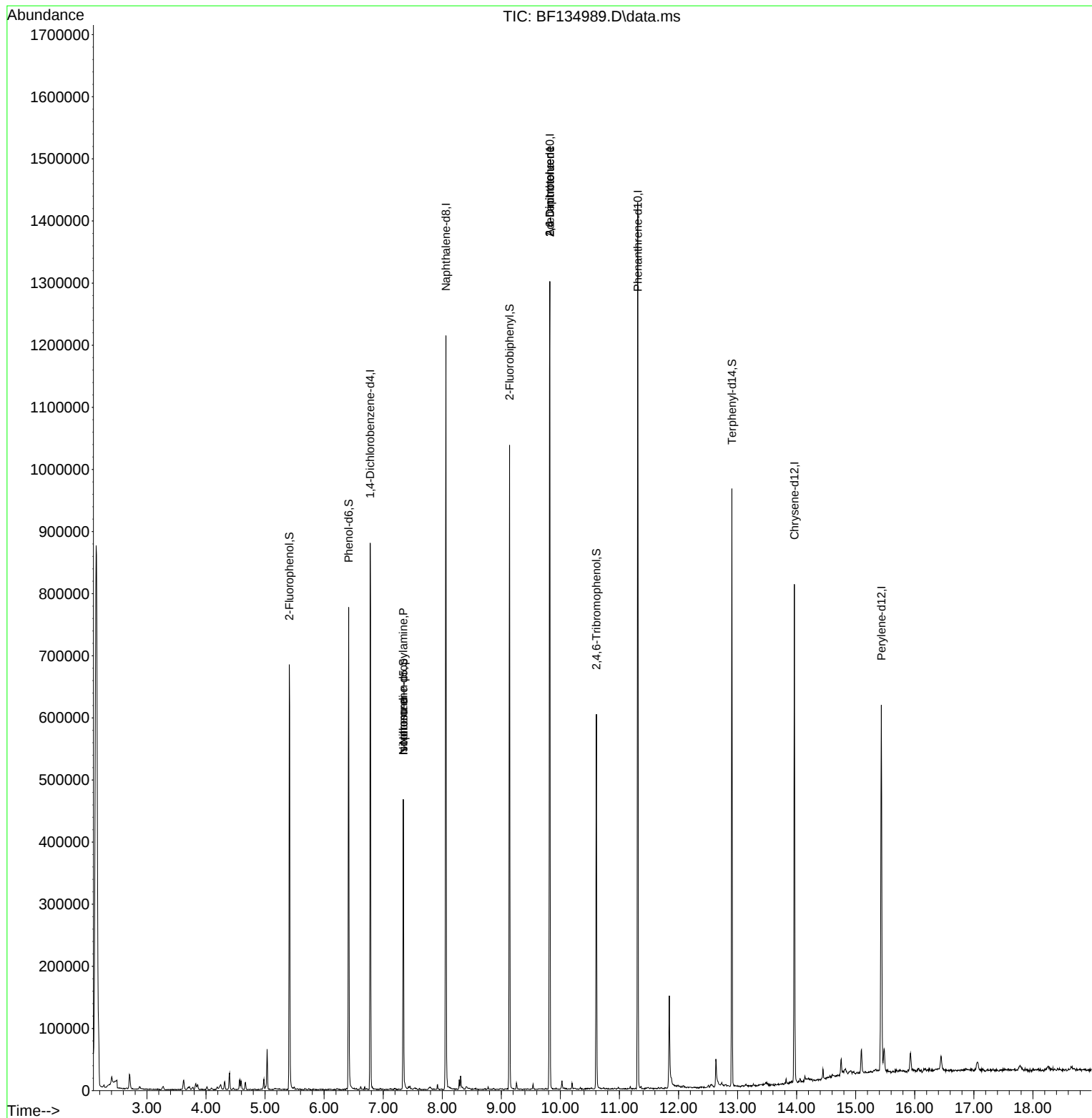
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	127892	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	514115	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	268753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	485789	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	253618	20.000	ng	-0.02
86) Perylene-d12	15.433	264	266525	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	186649	23.273	ng	-0.01
7) Phenol-d6	6.416	99	227872	22.235	ng	-0.02
23) Nitrobenzene-d5	7.339	82	136736	14.656	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	68559	21.660	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	289390	16.646	ng	-0.02
79) Terphenyl-d14	12.904	244	297190	16.117	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	18126	3.028	ng	# 82
25) Isophorone	7.339	82	134926	7.745	ng	# 64
51) 2,6-Dinitrotoluene	9.822	165	34068	8.074	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	34068	6.529	ng	# 25

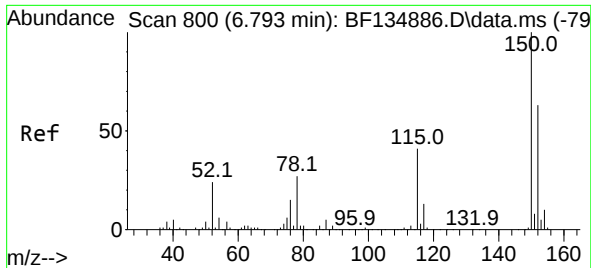
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
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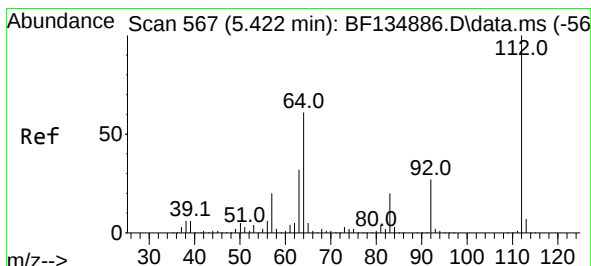
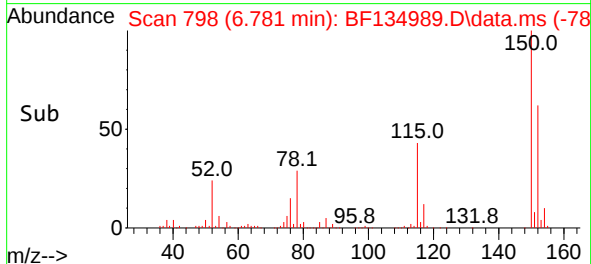
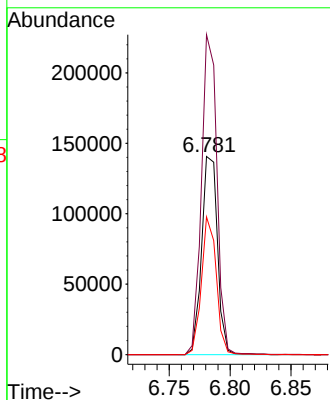
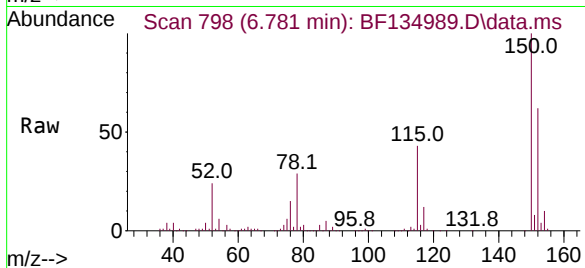




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

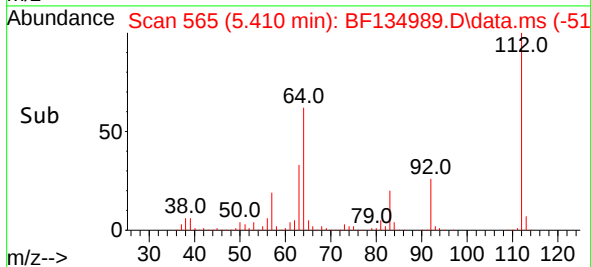
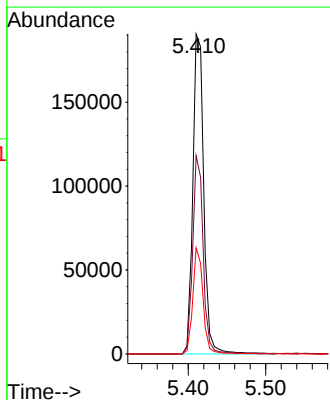
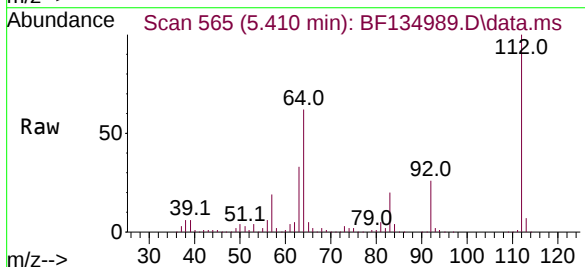
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01RE

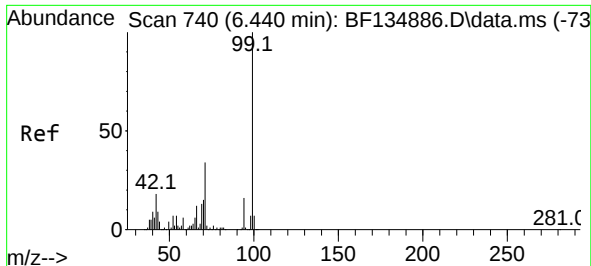
Tgt Ion:152 Resp: 127892
Ion Ratio Lower Upper
152 100
150 161.5 126.1 189.1
115 69.5 51.1 76.7



#5
2-Fluorophenol
Concen: 23.273 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion:112 Resp: 186649
Ion Ratio Lower Upper
112 100
64 61.9 48.6 73.0
63 33.1 25.7 38.5

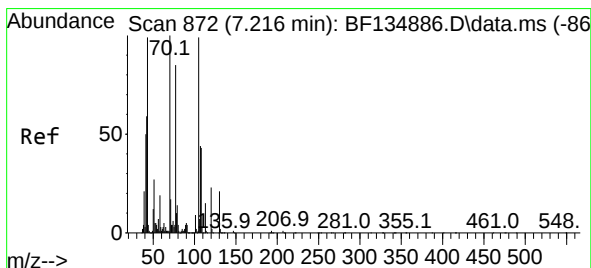
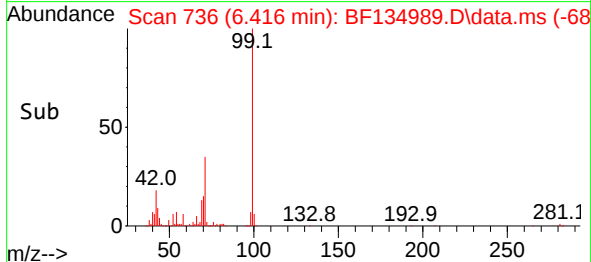
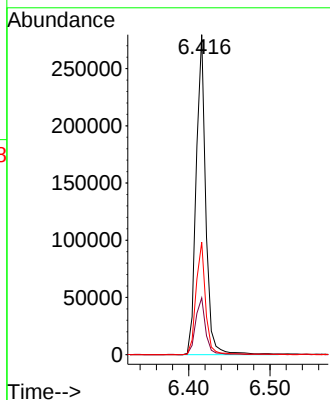
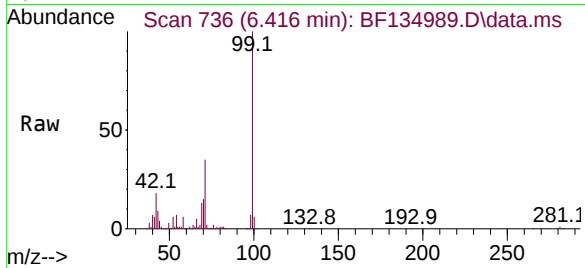




#7
Phenol-d6
Concen: 22.235 ng
RT: 6.416 min Scan# 741
Delta R.T. -0.024 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

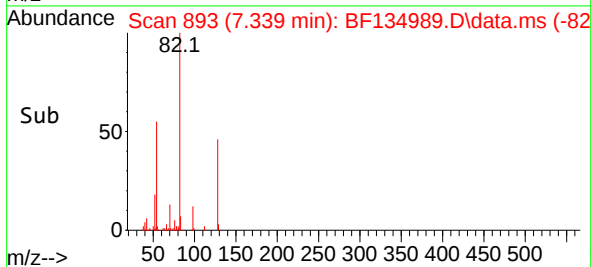
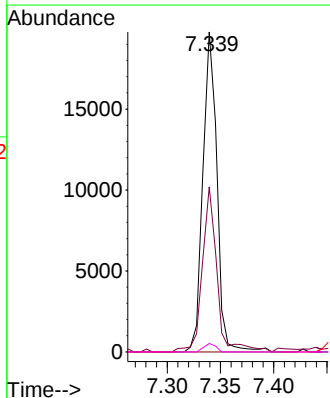
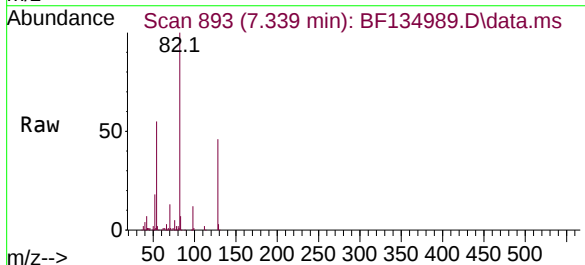
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01RE

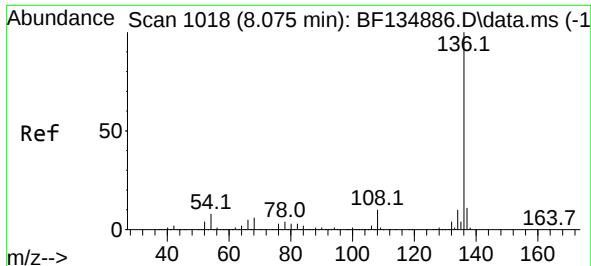
Tgt Ion: 99 Resp: 227872
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 35.1 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 3.028 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.123 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

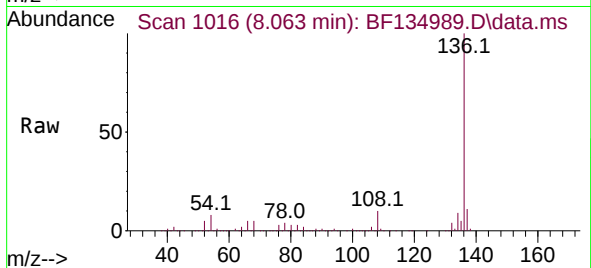
Tgt Ion: 70 Resp: 18126
Ion Ratio Lower Upper
70 100
42 51.6 46.9 70.3
101 0.0 7.5 11.3#
130 2.6 16.9 25.3#



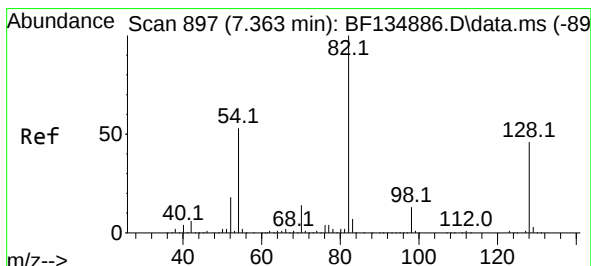
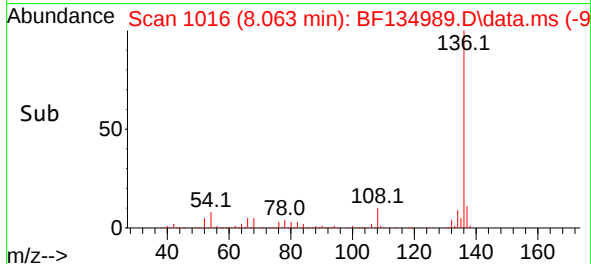
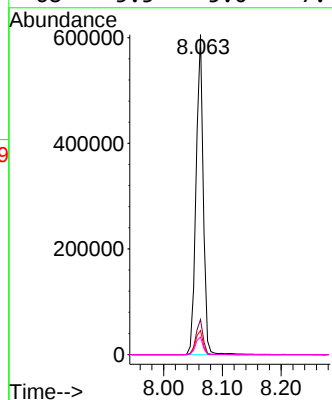


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01RE

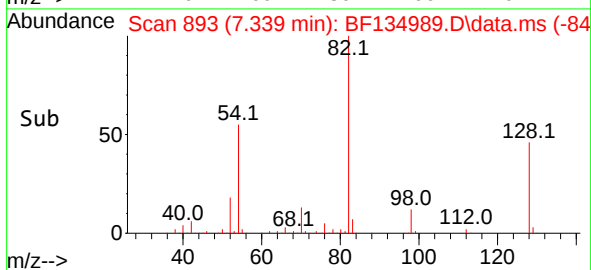
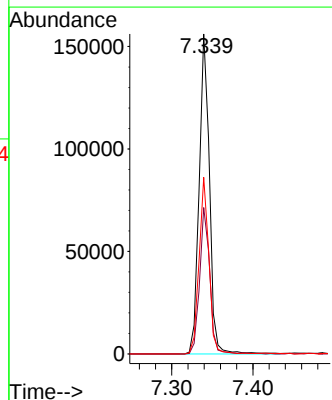
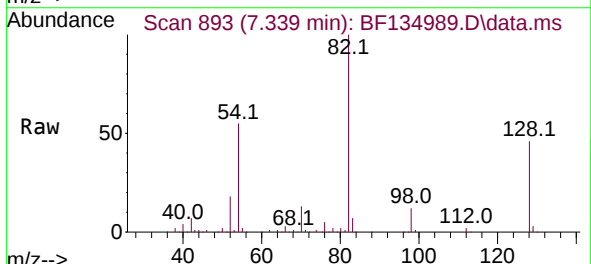


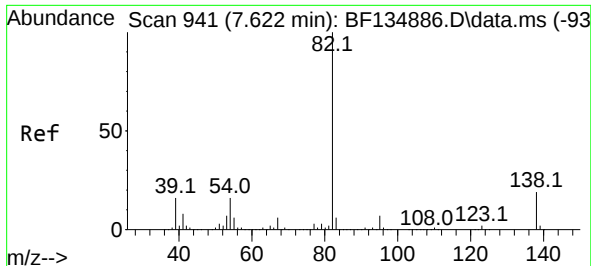
Tgt Ion:	136	Resp:	514115
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	5.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 14.656 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.024 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion:	82	Resp:	136736
Ion Ratio	Lower	Upper	
82	100		
128	45.7	36.6	54.8
54	55.2	42.6	63.8

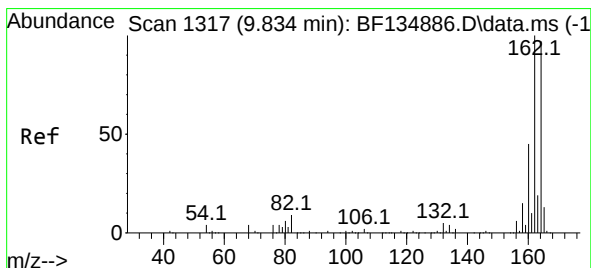
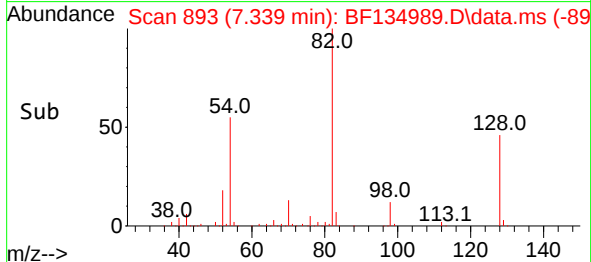
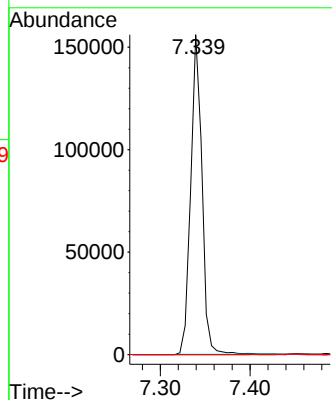
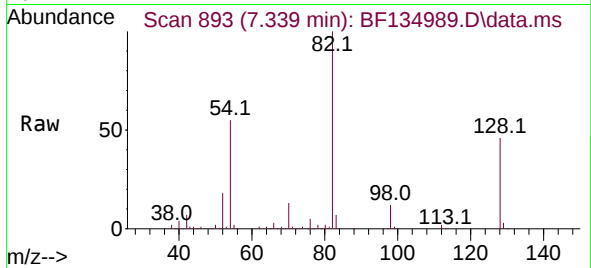




#25
Isophorone
Concen: 7.745 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.283 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

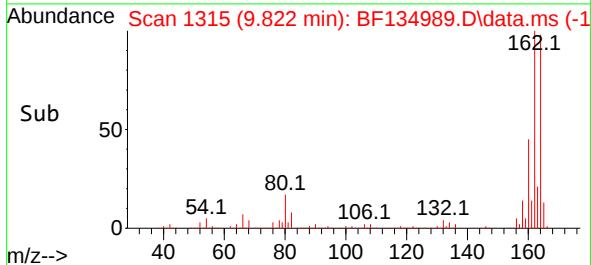
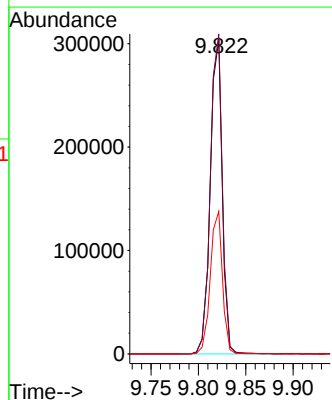
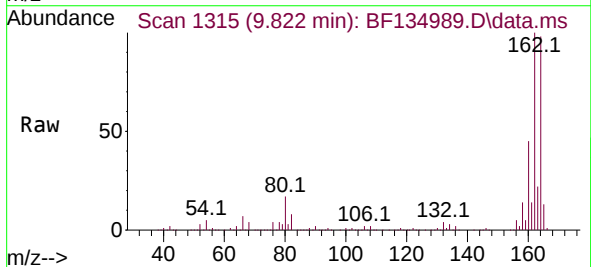
Instrument :
BNA_F
ClientSampleId :
WC-SCAS-01RE

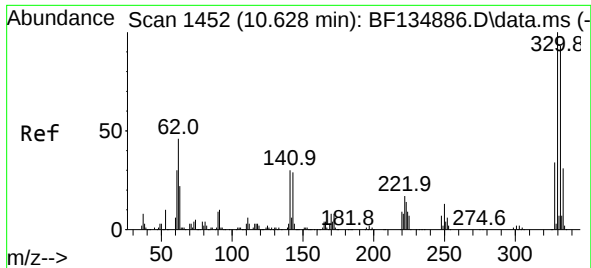
Tgt Ion: 82 Resp: 134926
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF134989.D
Acq: 29 Aug 2023 18:03

Tgt Ion:164 Resp: 268753
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 45.4 37.0 55.4

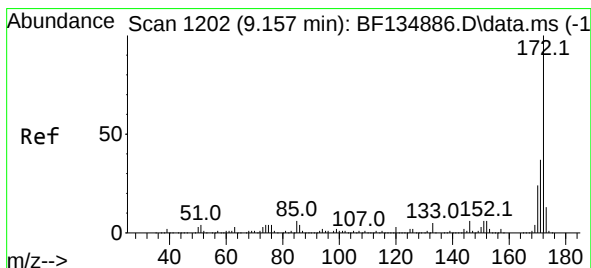
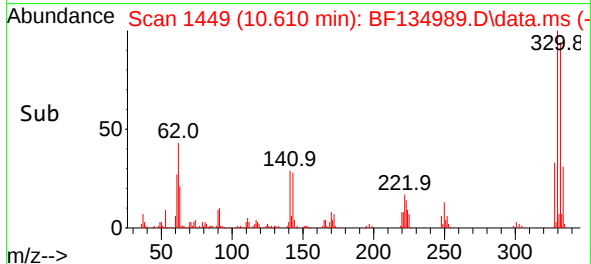
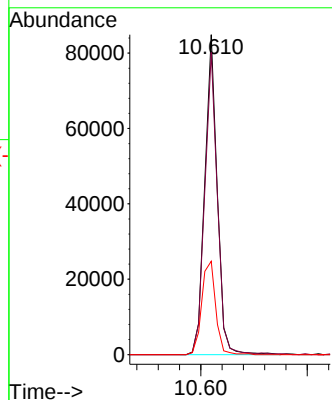
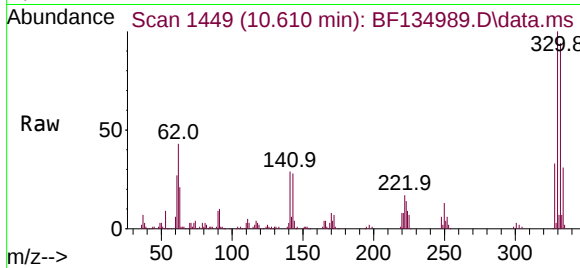




#42
 2,4,6-Tribromophenol
 Concen: 21.660 ng
 RT: 10.610 min Scan# 1449
 Delta R.T. -0.018 min
 Lab File: BF134989.D
 Acq: 29 Aug 2023 18:03

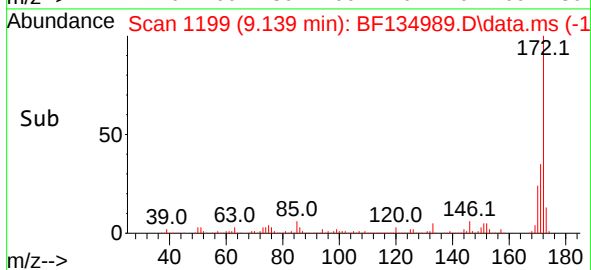
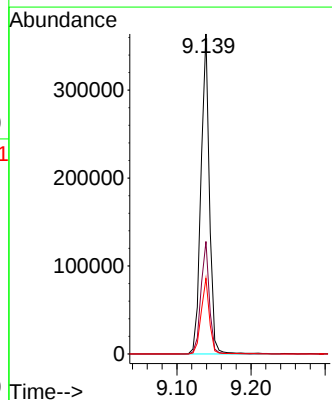
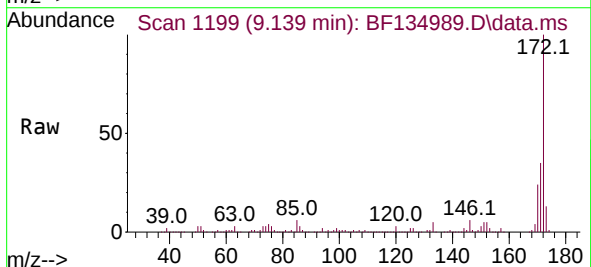
Instrument :
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 WC-SCAS-01RE

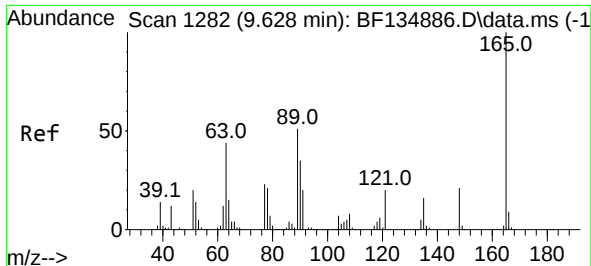
Tgt Ion:330 Resp: 68559
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.3 114.5
 141 32.7 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 16.646 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. -0.018 min
 Lab File: BF134989.D
 Acq: 29 Aug 2023 18:03

Tgt Ion:172 Resp: 289390
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 23.6 19.6 29.4





#51

2,6-Dinitrotoluene

Concen: 8.074 ng

RT: 9.822 min Scan# 1315

Delta R.T. 0.194 min

Lab File: BF134989.D

Acq: 29 Aug 2023 18:03

Instrument :

BNA_F

ClientSampleId :

WC-SCAS-01RE

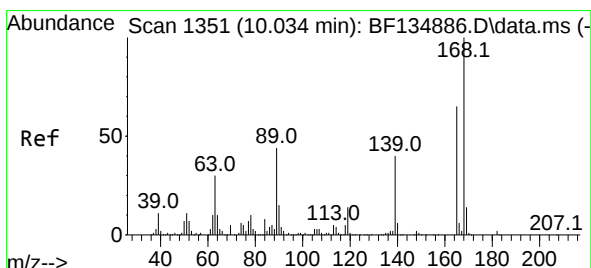
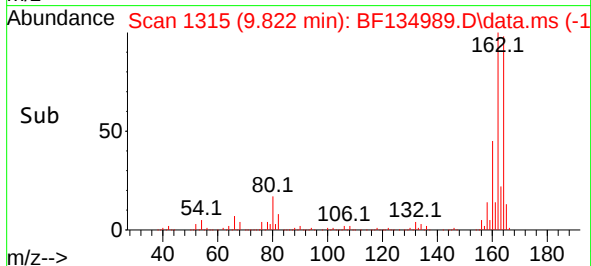
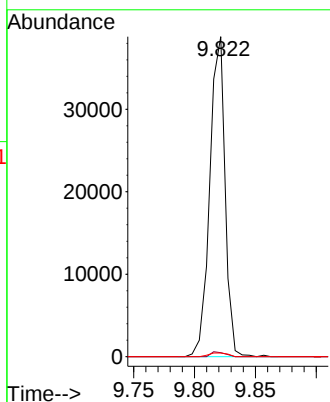
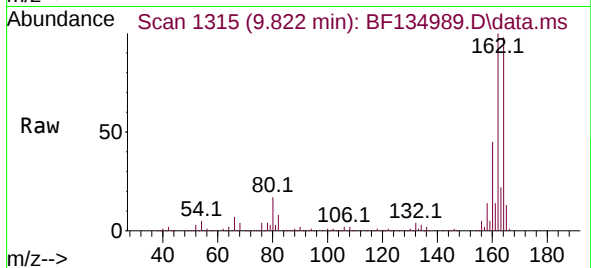
Tgt Ion:165 Resp: 34068

Ion Ratio Lower Upper

165 100

63 1.2 41.4 62.2#

89 1.1 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.529 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.212 min

Lab File: BF134989.D

Acq: 29 Aug 2023 18:03

Tgt Ion:165 Resp: 34068

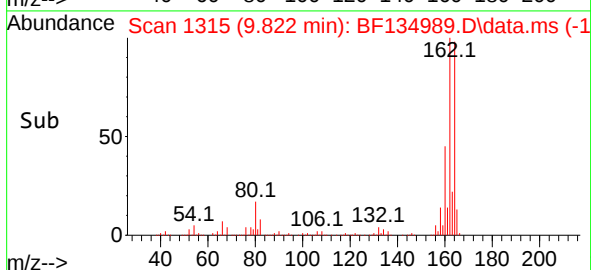
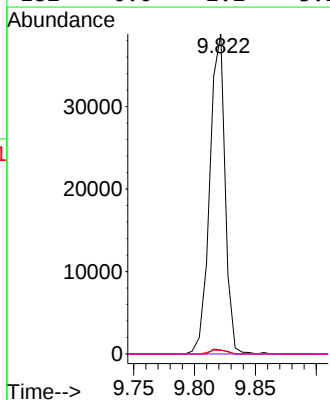
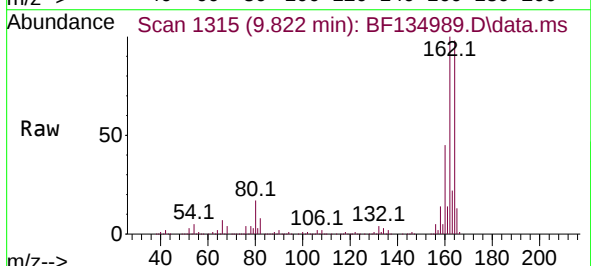
Ion Ratio Lower Upper

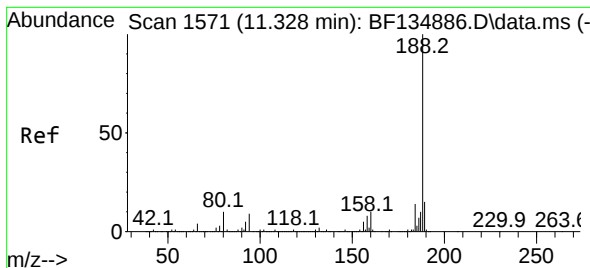
165 100

63 1.2 37.7 56.5#

89 1.1 54.2 81.4#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF134989.D

Acq: 29 Aug 2023 18:03

Instrument :

BNA_F

ClientSampleId :

WC-SCAS-01RE

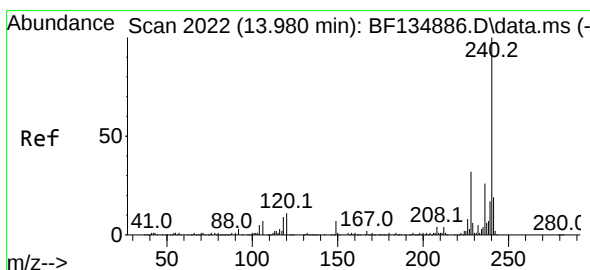
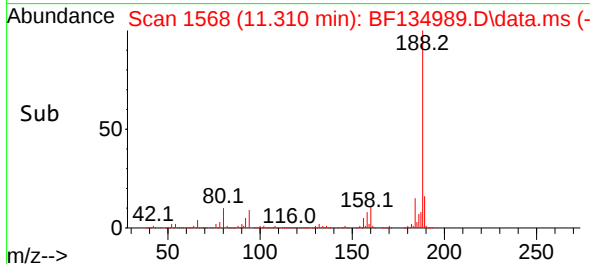
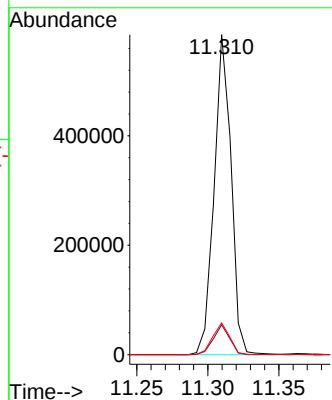
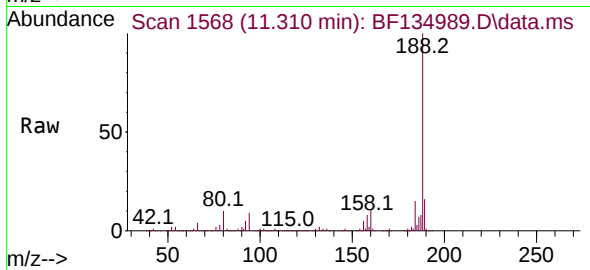
Tgt Ion:188 Resp: 485789

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.9 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF134989.D

Acq: 29 Aug 2023 18:03

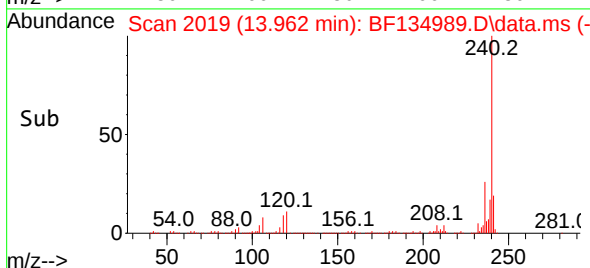
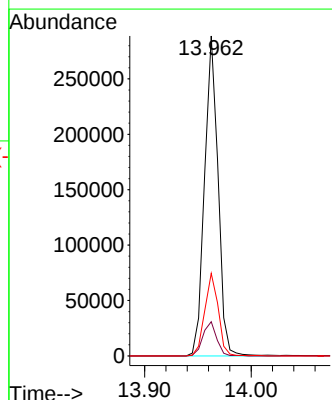
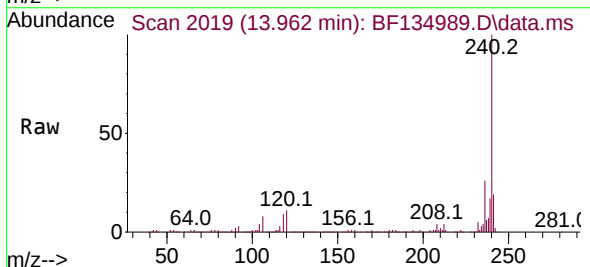
Tgt Ion:240 Resp: 253618

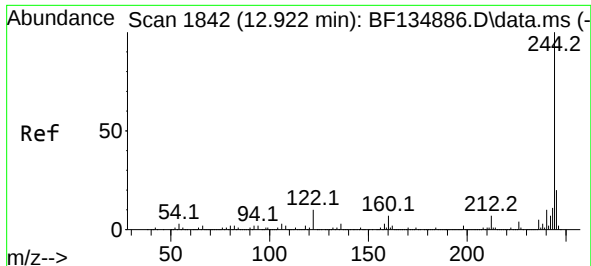
Ion Ratio Lower Upper

240 100

120 10.7 8.6 12.8

236 25.8 20.6 31.0

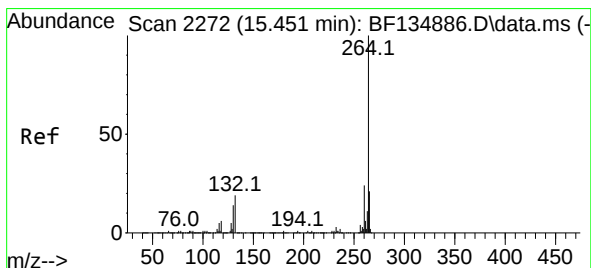
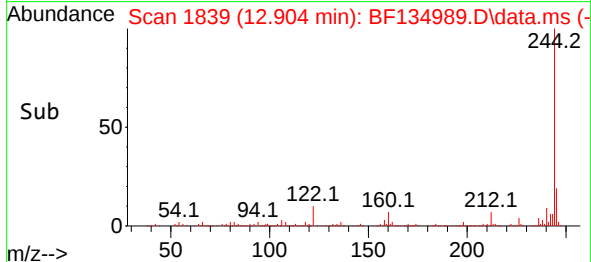
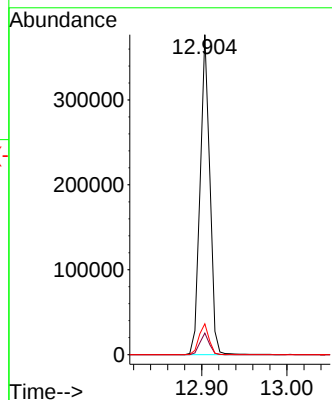
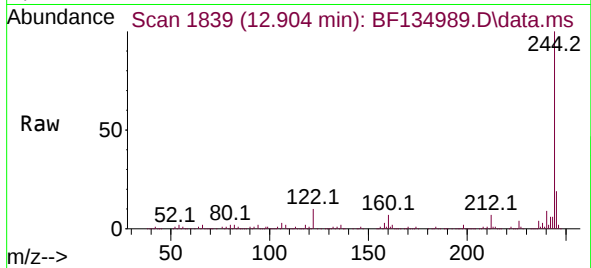




#79
 Terphenyl-d14
 Concen: 16.117 ng
 RT: 12.904 min Scan# 1842
 Delta R.T. -0.018 min
 Lab File: BF134989.D
 Acq: 29 Aug 2023 18:03

Instrument :
 BNA_F
 ClientSampleId :
 WC-SCAS-01RE

Tgt Ion:244 Resp: 297190
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 9.6 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.018 min
 Lab File: BF134989.D
 Acq: 29 Aug 2023 18:03

Tgt Ion:264 Resp: 266525
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.8 17.1 25.7

