

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139565.D
 Acq On : 27 Sep 2024 00:16
 Operator : RC/JU
 Sample : P4198-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-WC-1

Quant Time: Sep 27 01:11:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

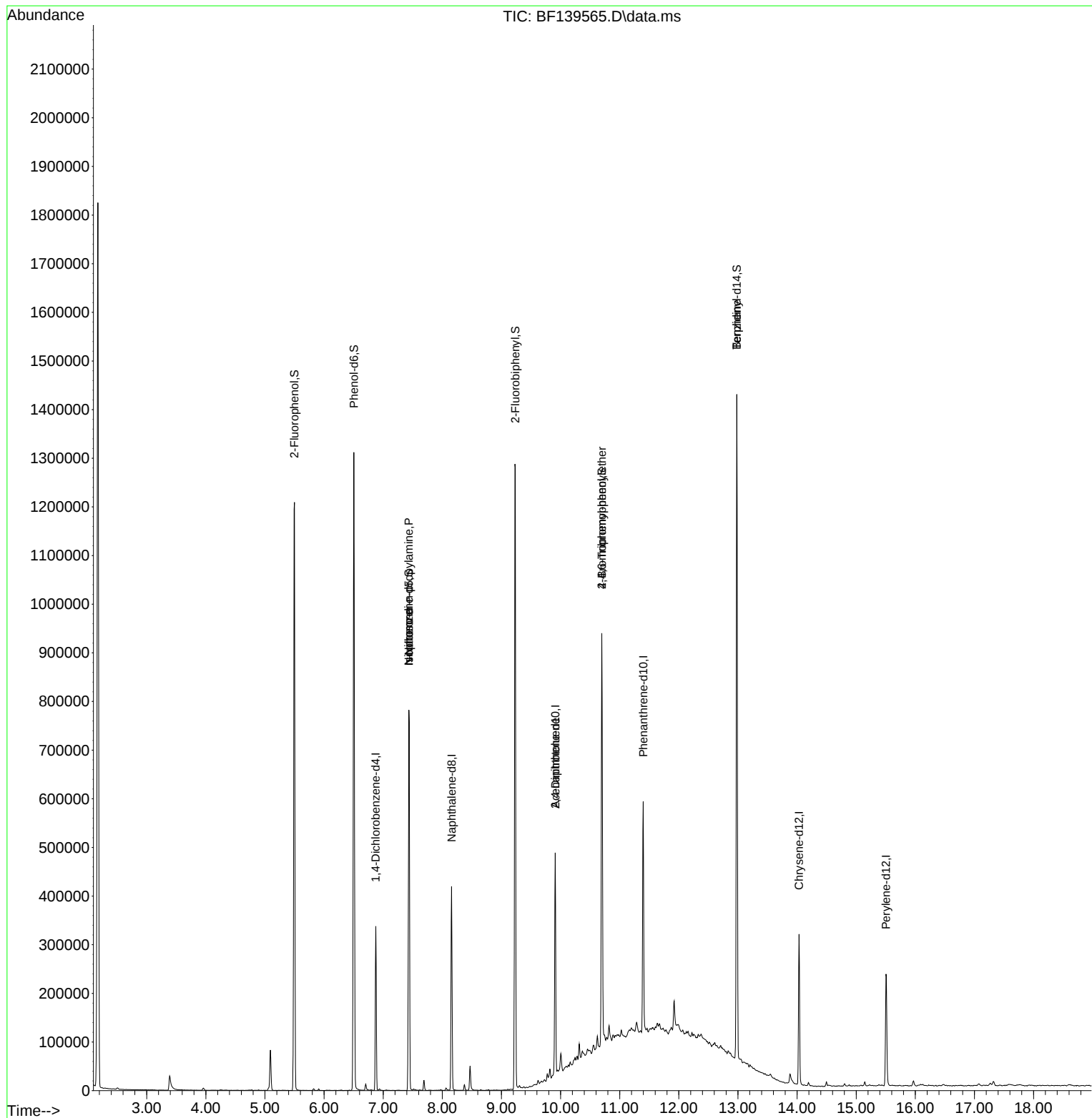
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	64785	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	245186	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	132162	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	244873	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	144217	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	139394	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	418240	105.317	ng	0.00
7) Phenol-d6	6.504	99	565938	108.572	ng	0.00
23) Nitrobenzene-d5	7.434	82	338173	64.841	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	127187	90.394	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	575873	61.112	ng	0.00
79) Terphenyl-d14	12.980	244	649526	73.925	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	45634	14.774	ng	# 75
25) Isophorone	7.434	82	336990	40.856	ng	# 66
57) 2,4-Dinitrotoluene	9.910	165	16902	6.515	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8916	3.674	ng	# 1
77) Benzidine	12.980	184	9314	4.508	ng	# 93

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

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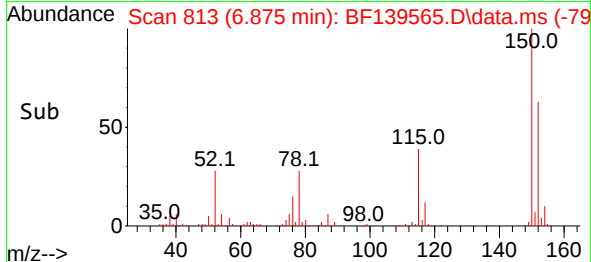
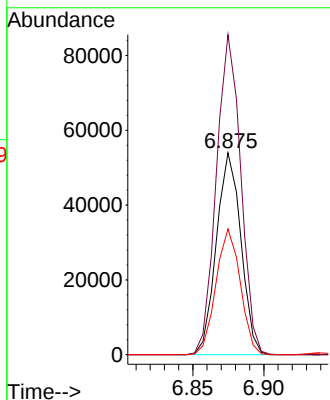
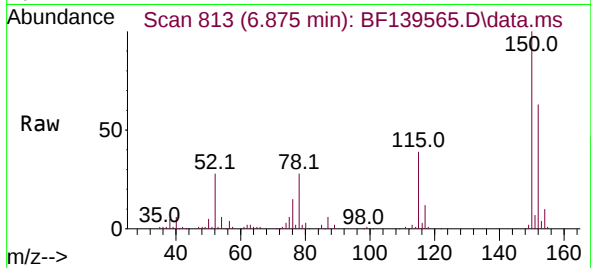




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

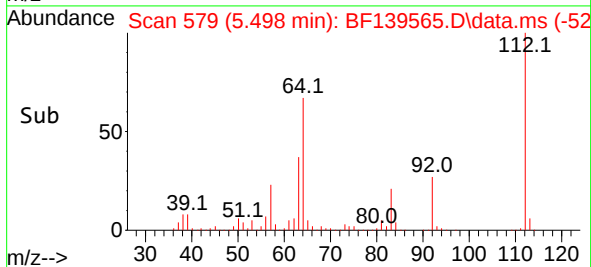
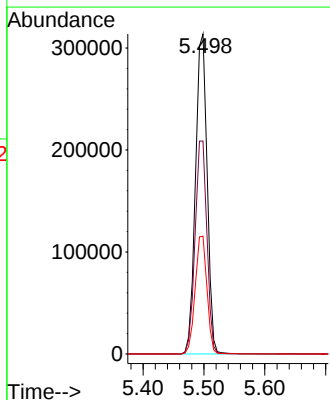
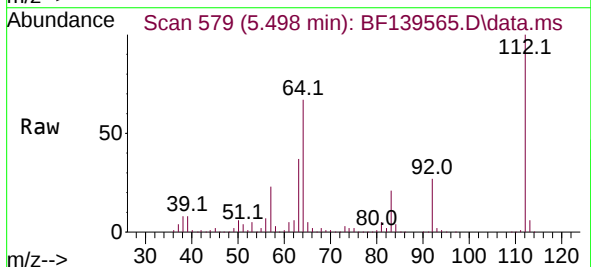
Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

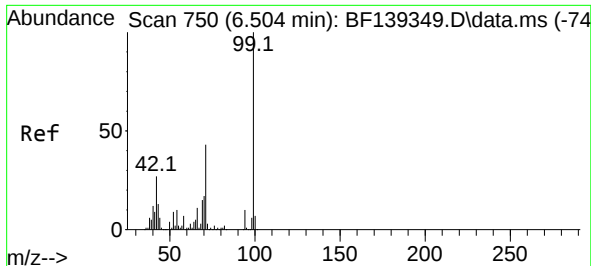
Tgt Ion:152 Resp: 64785
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 62.2 48.1 72.1



#5
2-Fluorophenol
Concen: 105.317 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

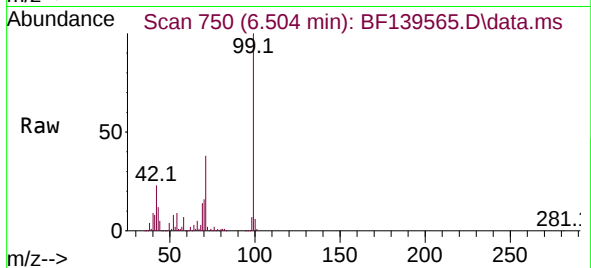
Tgt Ion:112 Resp: 418240
Ion Ratio Lower Upper
112 100
64 66.6 54.8 82.2
63 36.8 33.0 49.4





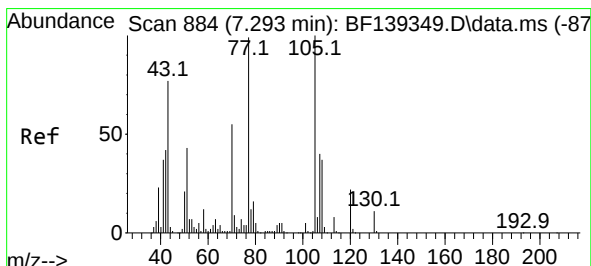
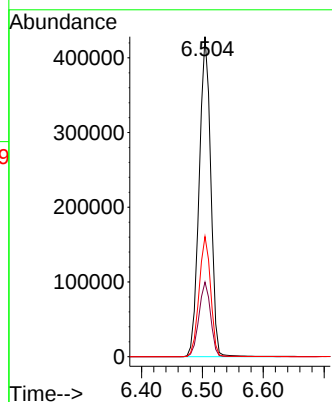
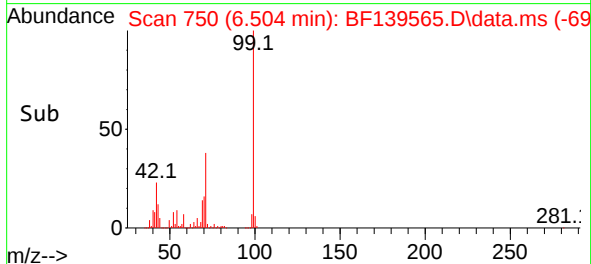
#7
Phenol-d6
Concen: 108.572 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

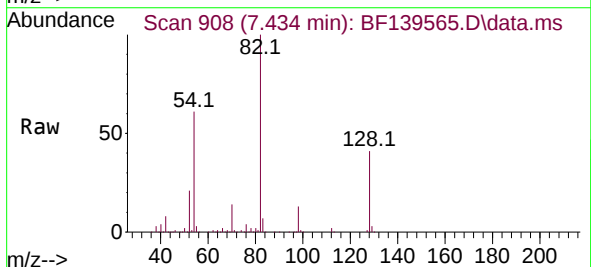


Tgt Ion: 99 Resp: 565938

Ion	Ratio	Lower	Upper
99	100		
42	23.3	21.9	32.9
71	37.5	34.6	52.0

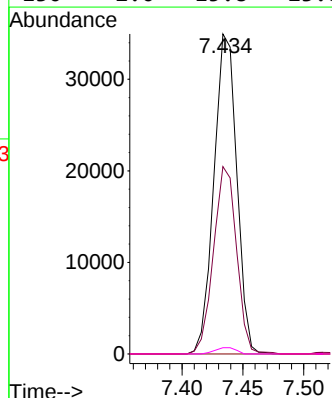
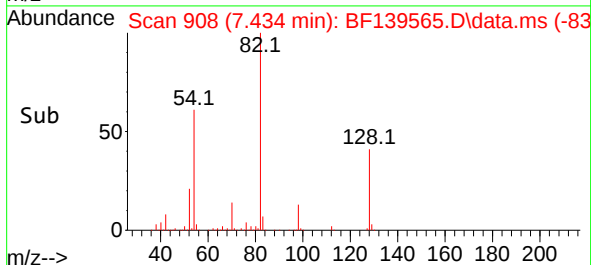


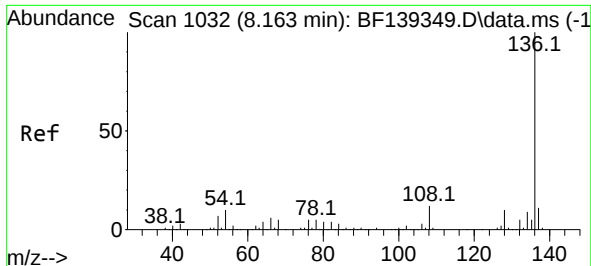
#19
n-Nitroso-di-n-propylamine
Concen: 14.774 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16



Tgt Ion: 70 Resp: 45634

Ion	Ratio	Lower	Upper
70	100		
42	58.5	61.2	91.8#
101	0.0	7.5	11.3#
130	2.0	15.8	23.8#

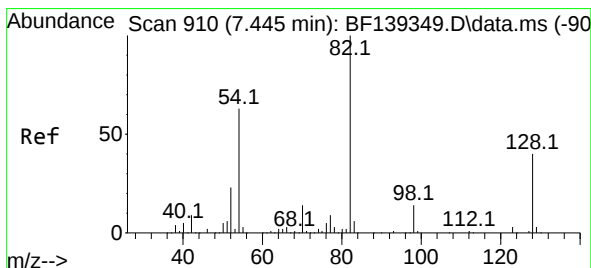
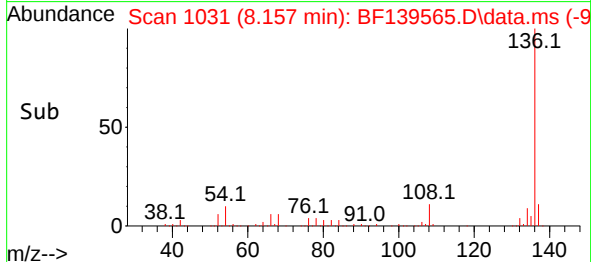
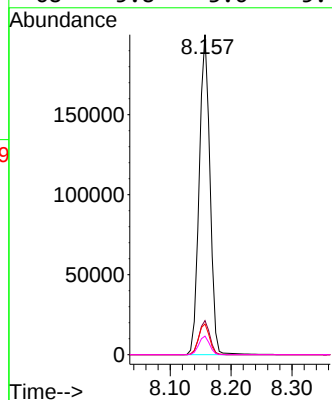
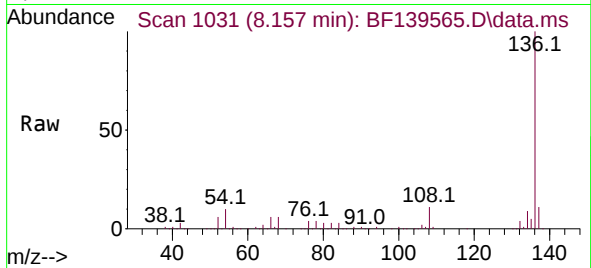




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

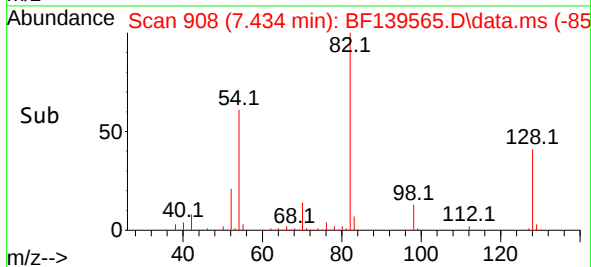
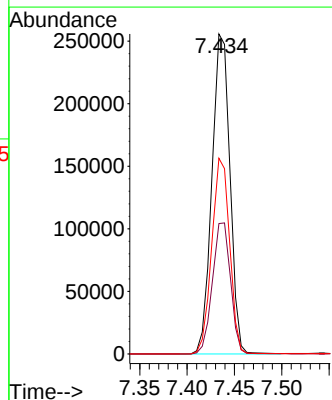
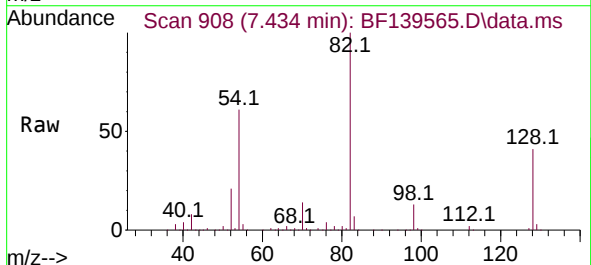
Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

Tgt Ion:136 Resp: 245186
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.6 7.8 11.8
68 5.8 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 64.841 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Tgt Ion: 82 Resp: 338173
Ion Ratio Lower Upper
82 100
128 40.8 31.8 47.6
54 61.1 50.6 75.8

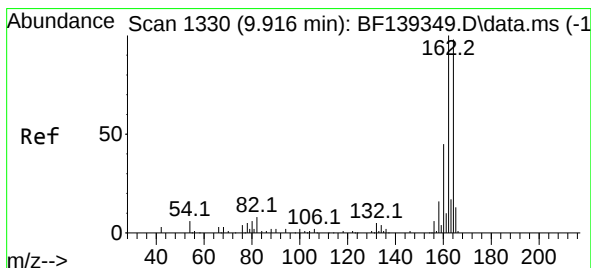
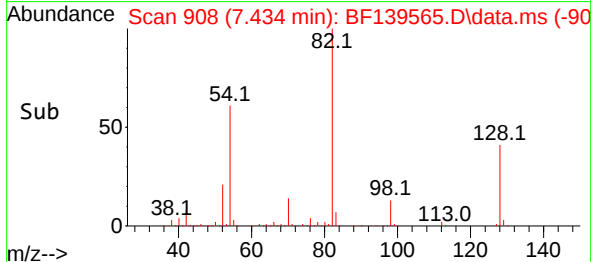
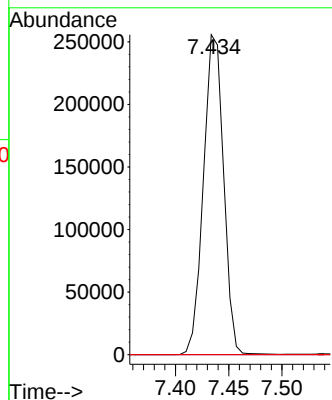
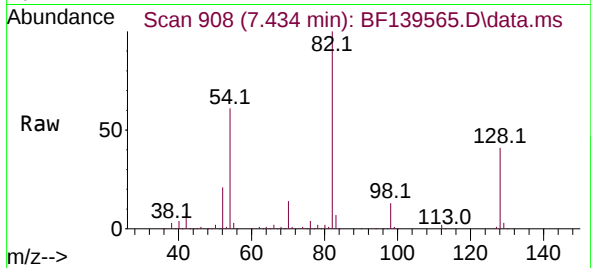




#25
Isophorone
Concen: 40.856 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

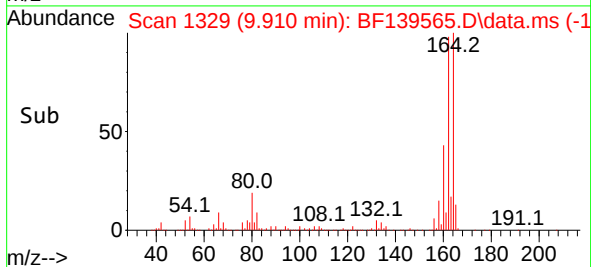
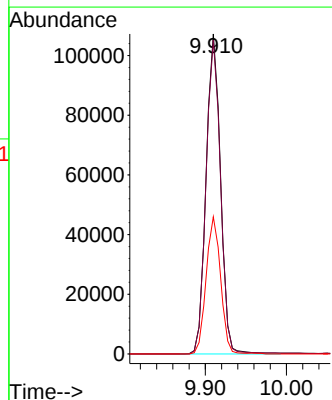
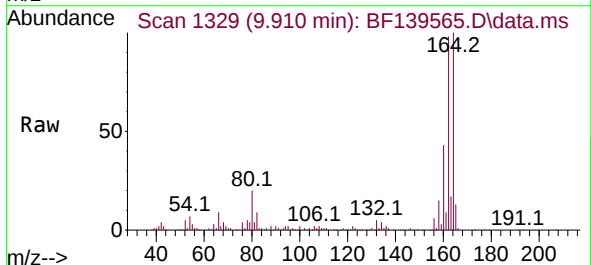
Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

Tgt Ion: 82 Resp: 336990
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Tgt Ion:164 Resp: 132162
Ion Ratio Lower Upper
164 100
162 98.1 81.3 121.9
160 42.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 90.394 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139565.D

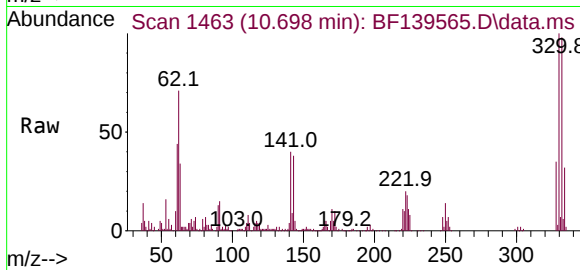
Acq: 27 Sep 2024 00:16

Instrument :

BNA_F

ClientSampleId :

TP3-WC-1



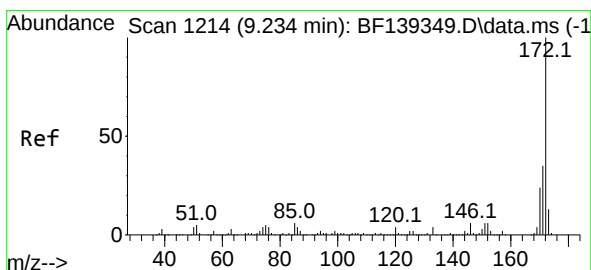
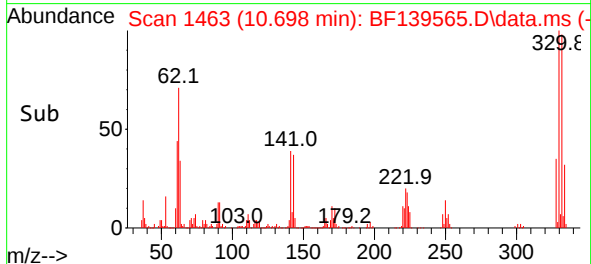
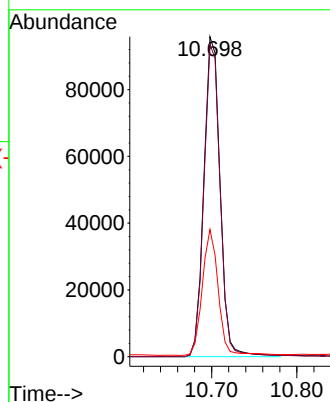
Tgt Ion:330 Resp: 127187

Ion Ratio Lower Upper

330 100

332 97.9 75.2 112.8

141 38.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 61.112 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139565.D

Acq: 27 Sep 2024 00:16

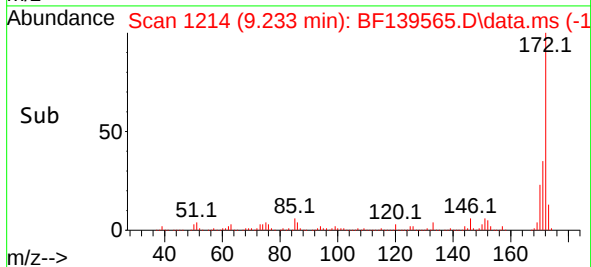
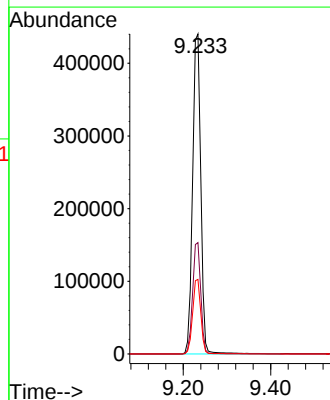
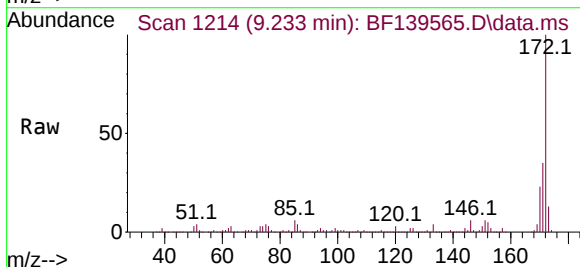
Tgt Ion:172 Resp: 575873

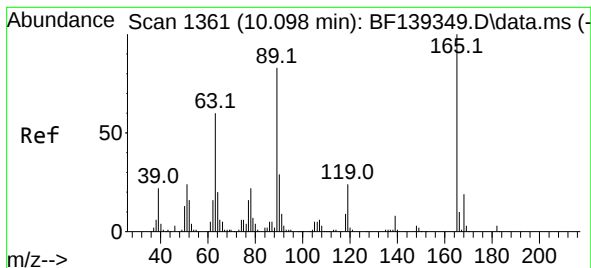
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.0 28.6

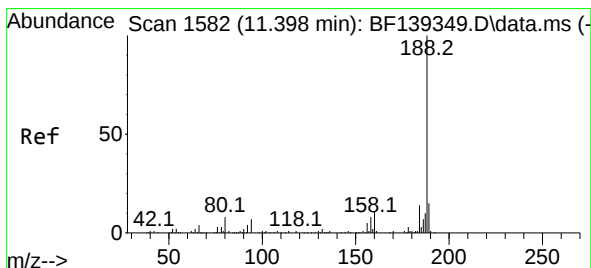
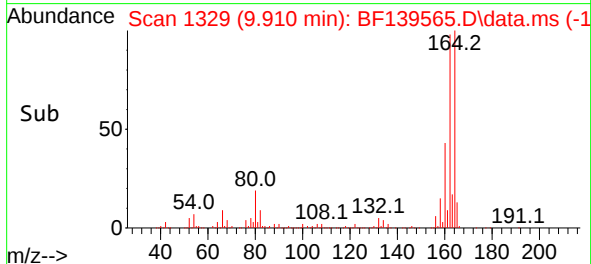
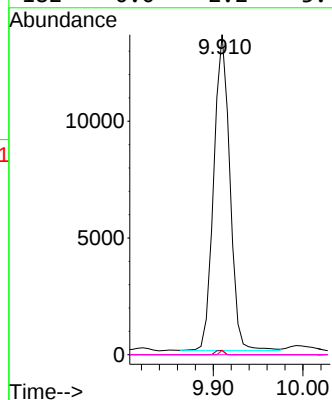
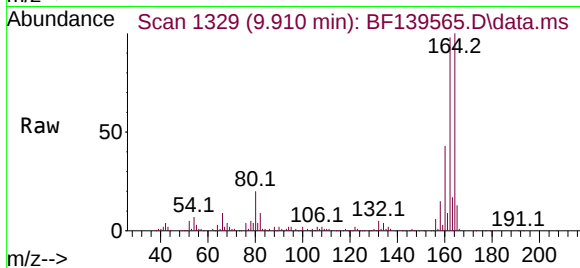




#57
2,4-Dinitrotoluene
Concen: 6.515 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

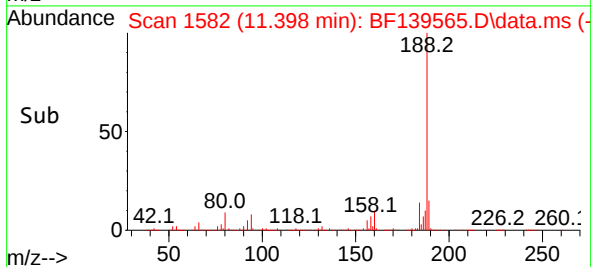
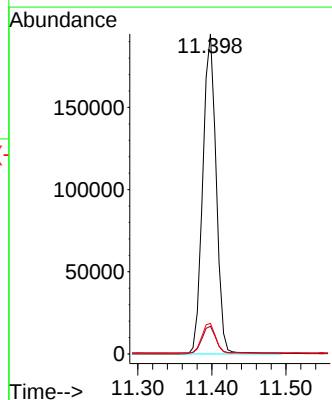
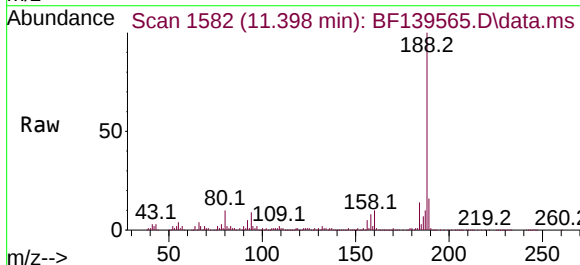
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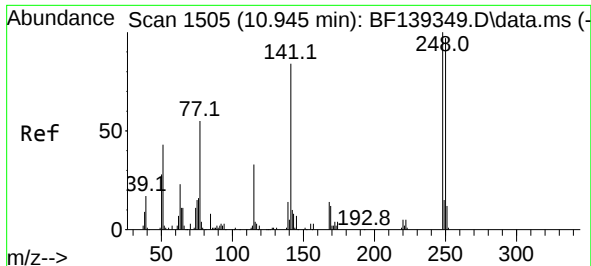
Tgt Ion:165 Resp: 16902
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.3 66.7 100.1#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Tgt Ion:188 Resp: 244873
Ion Ratio Lower Upper
188 100
94 8.6 5.5 8.3#
80 9.5 6.6 9.8

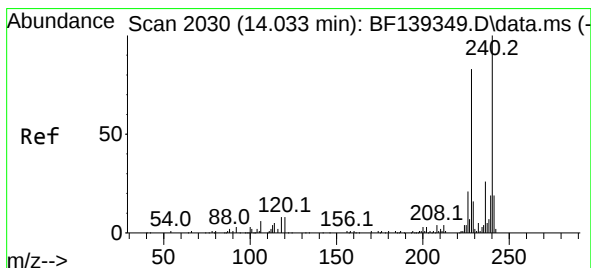
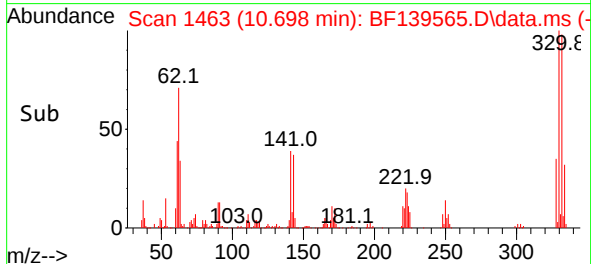
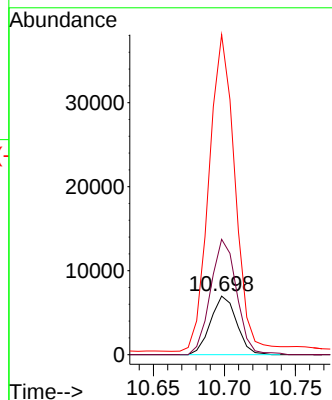
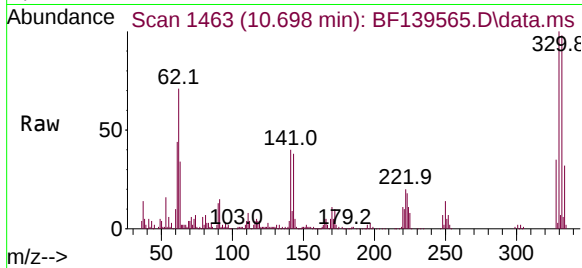




#67
4-Bromophenyl-phenylether
Concen: 3.674 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

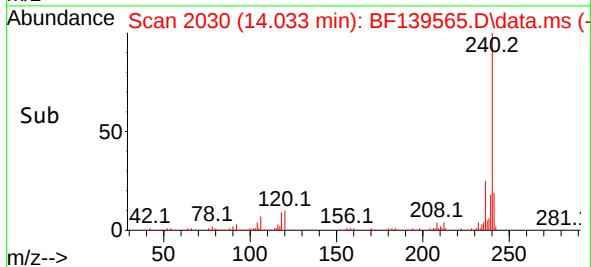
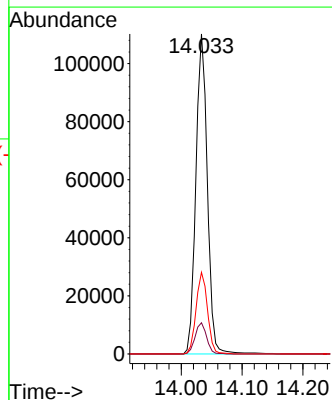
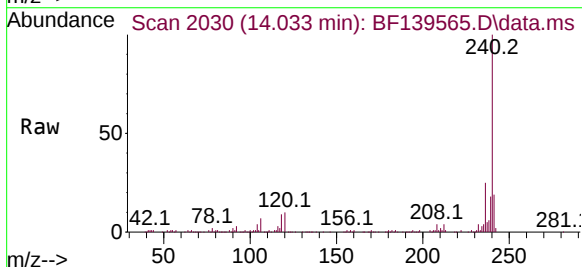
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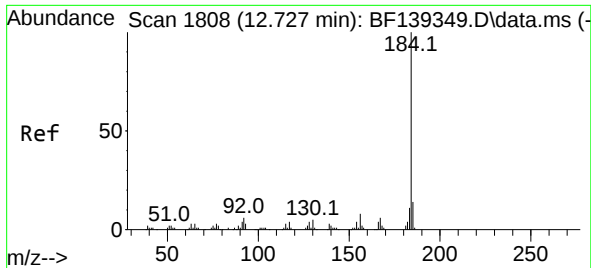
Tgt Ion:248 Resp: 8916
Ion Ratio Lower Upper
248 100
250 196.9 77.6 116.4#
141 545.9 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Tgt Ion:240 Resp: 144217
Ion Ratio Lower Upper
240 100
120 9.7 6.2 9.2#
236 25.5 20.9 31.3

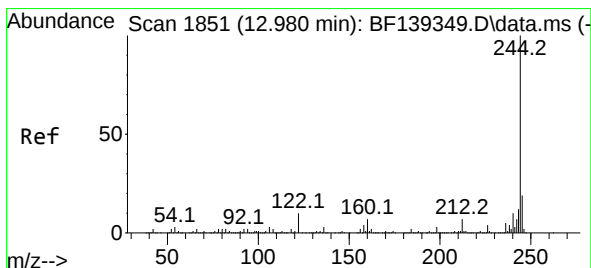
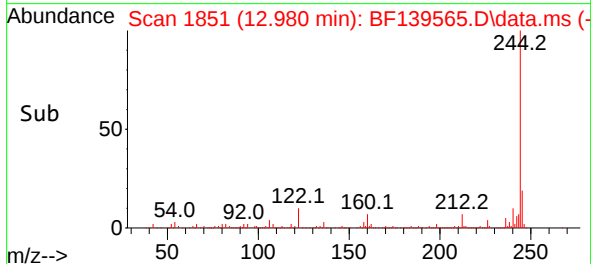
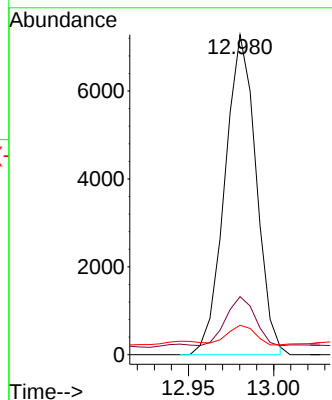
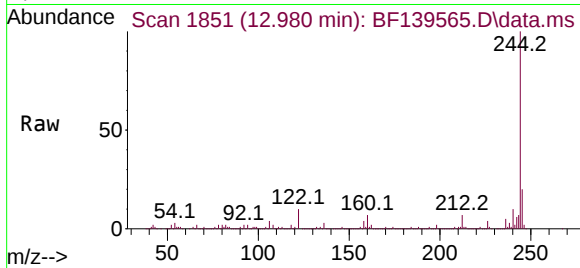




#77
Benzidine
Concen: 4.508 ng
RT: 12.980 min Scan# 1808
Delta R.T. 0.253 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

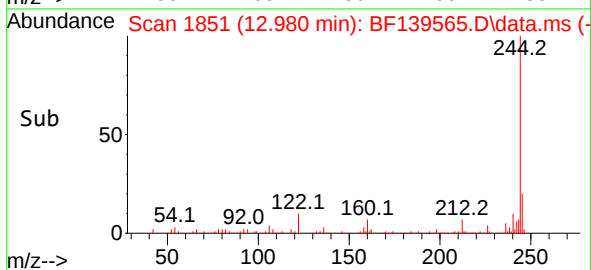
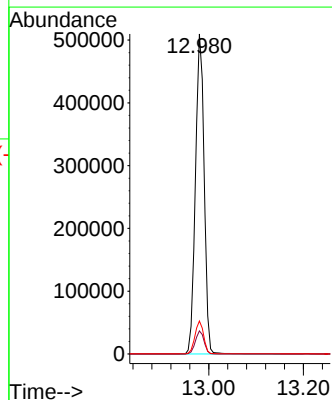
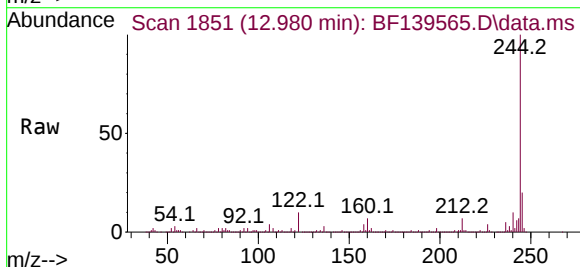
Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

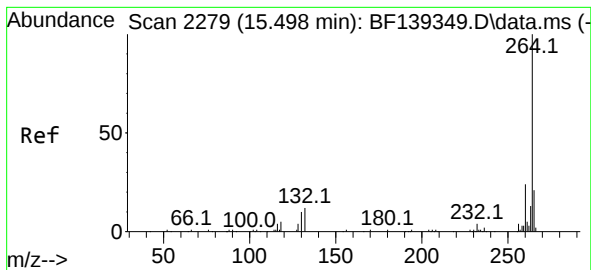
Tgt Ion:184 Resp: 9314
Ion Ratio Lower Upper
184 100
185 18.2 11.5 17.3#
183 9.2 8.9 13.3



#79
Terphenyl-d14
Concen: 73.925 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Tgt Ion:244 Resp: 649526
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139565.D

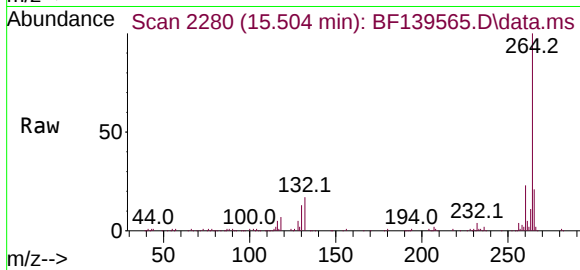
Acq: 27 Sep 2024 00:16

Instrument :

BNA_F

ClientSampleId :

TP3-WC-1



Tgt Ion:264 Resp: 139394

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.4 16.6 25.0

