

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

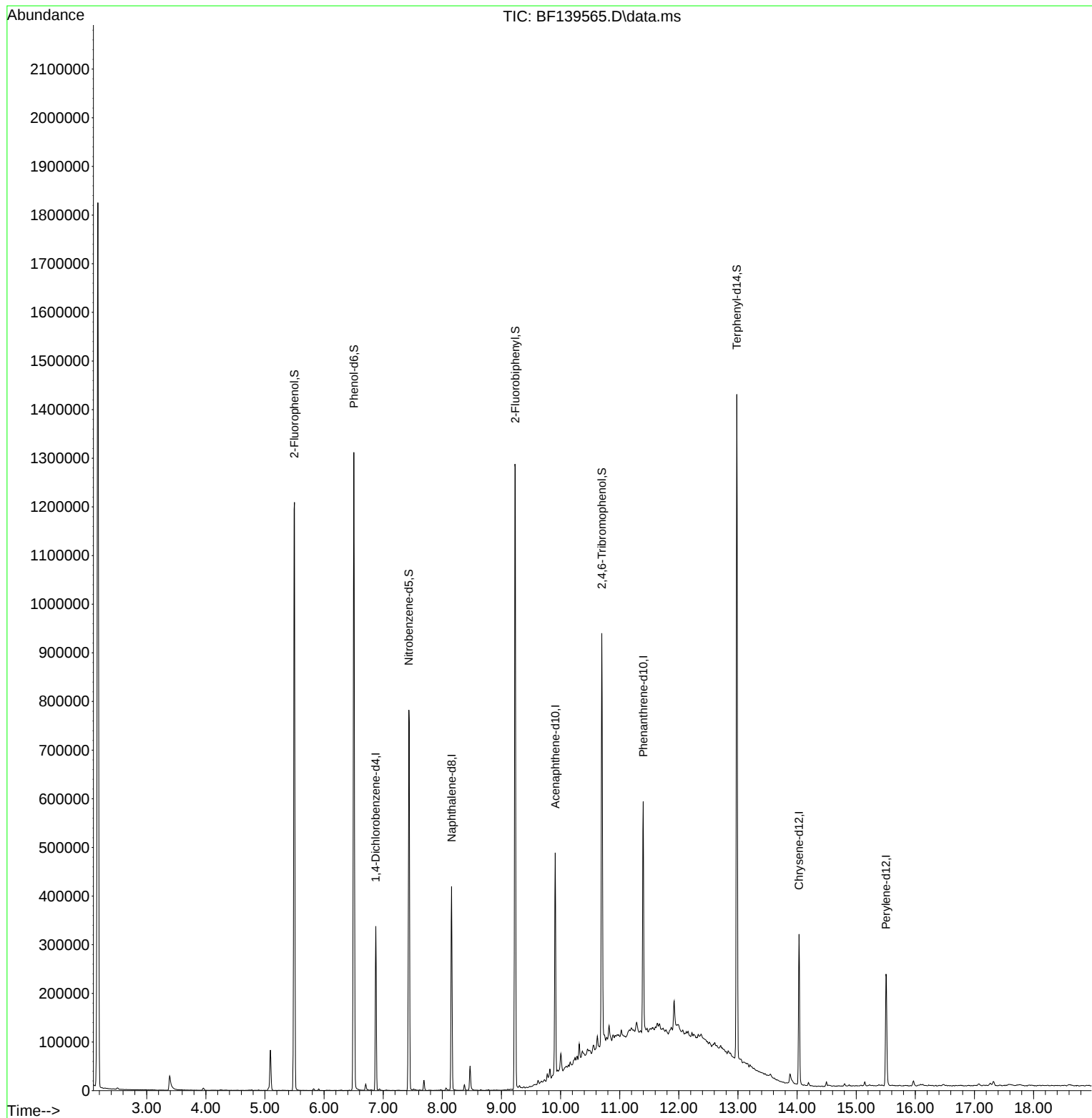
Target Compounds	Qvalue

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

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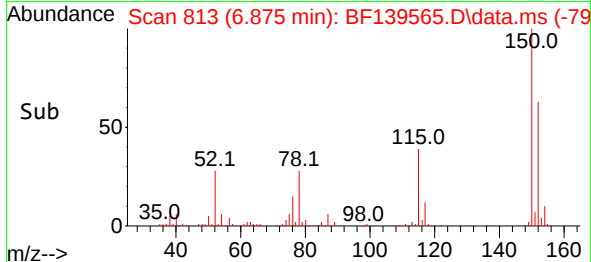
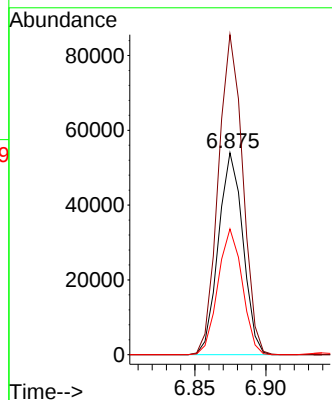
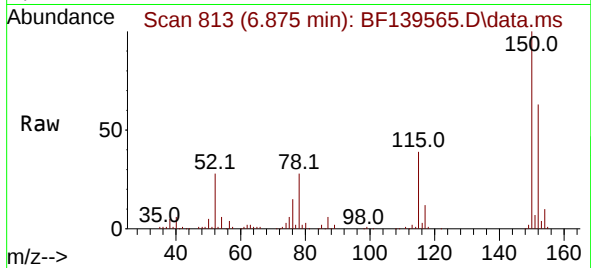




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

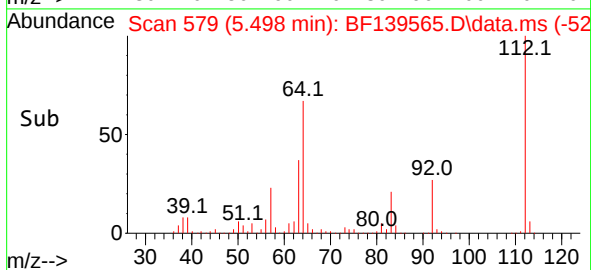
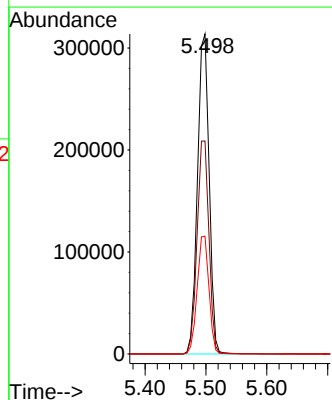
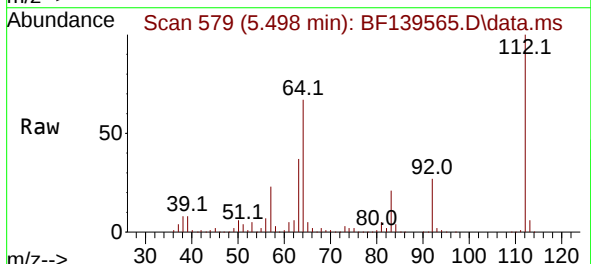
Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

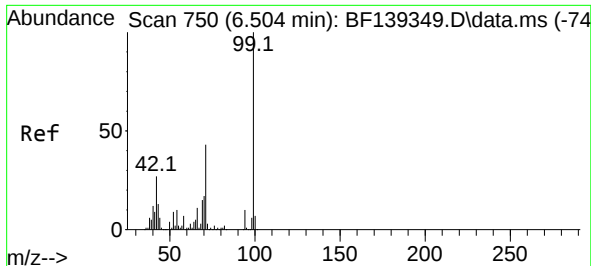
Tgt Ion:152 Resp: 64785
Ion Ratio Lower Upper
152 100
150 158.4 124.1 186.1
115 62.2 48.1 72.1



#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



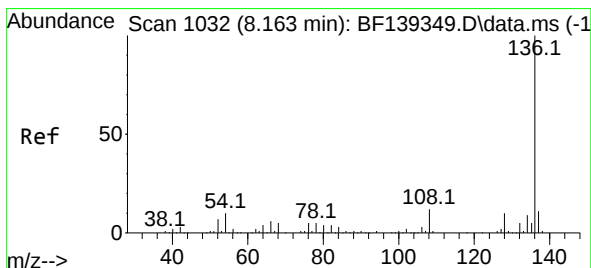
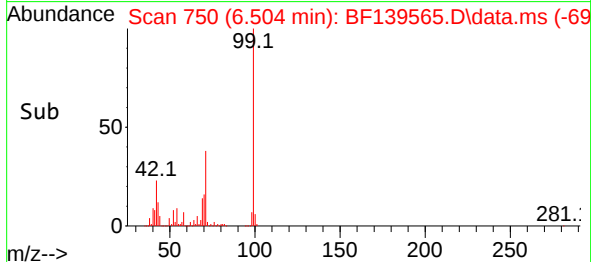
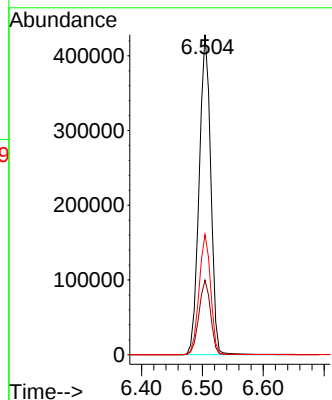
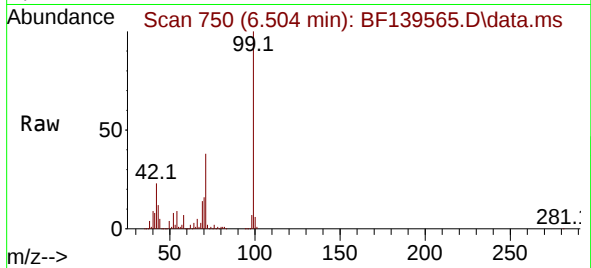


#7
Phenol-d6
Concen: 108.572 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

Tgt Ion: 99 Resp: 565938

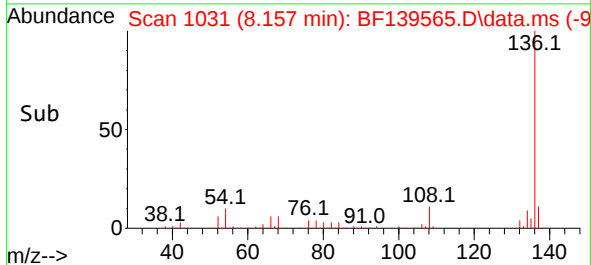
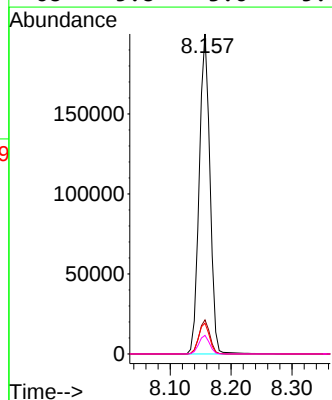
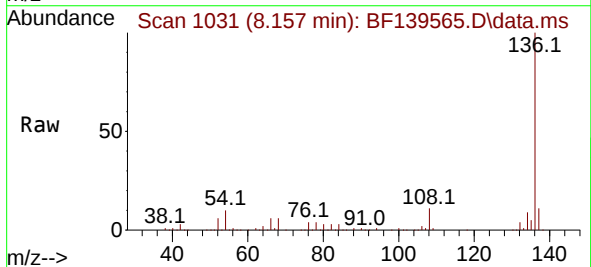
Ion	Ratio	Lower	Upper
99	100		
42	23.3	21.9	32.9
71	37.5	34.6	52.0



#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

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# 90

Delta R.T. -0.012 min

Lab File: BF139565.D

Acq: 27 Sep 2024 00:16

Instrument :

BNA_F

ClientSampleId :

TP3-WC-1

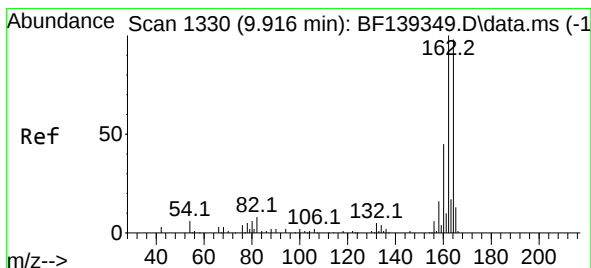
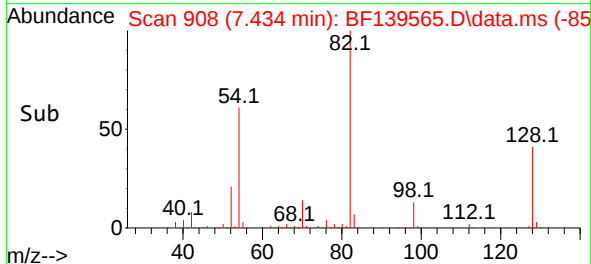
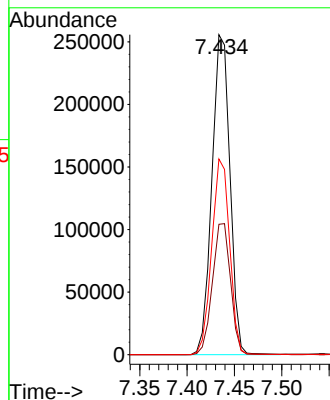
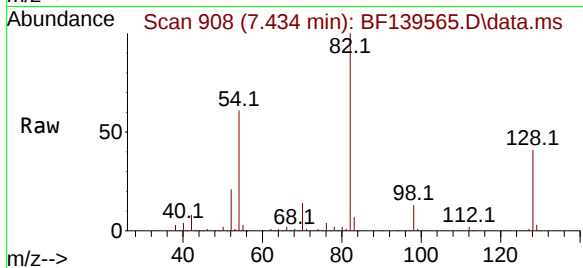
Tgt Ion: 82 Resp: 338173

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

54 61.1 50.6 75.8



#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

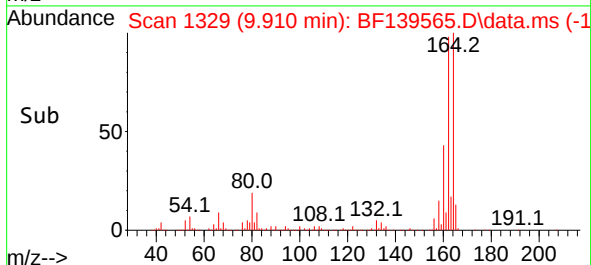
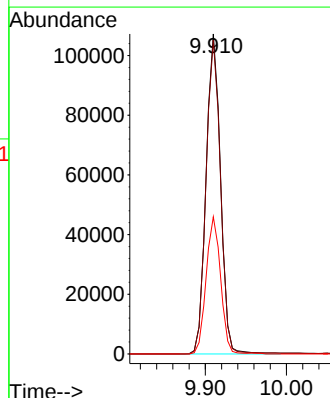
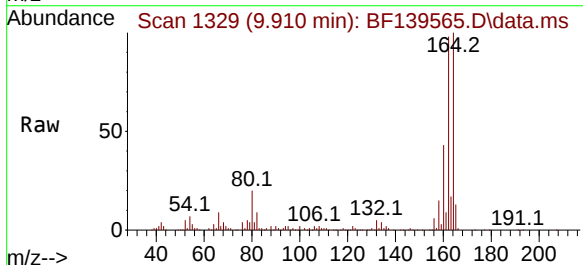
Tgt Ion:164 Resp: 132162

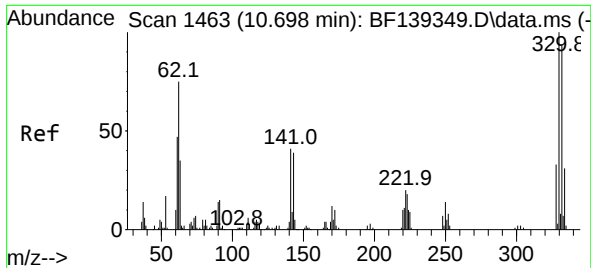
Ion Ratio Lower Upper

164 100

162 98.1 81.3 121.9

160 42.9 36.4 54.6

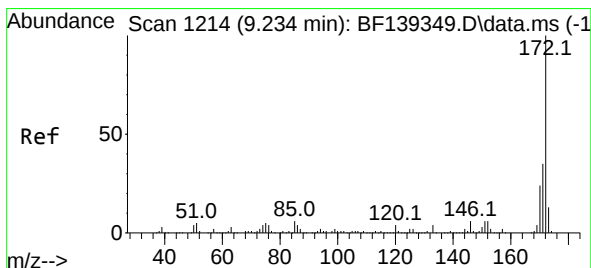
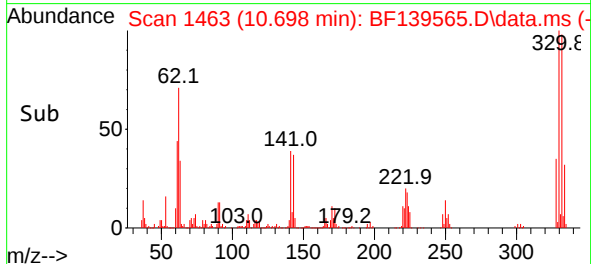
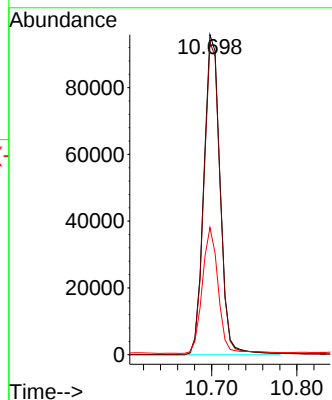
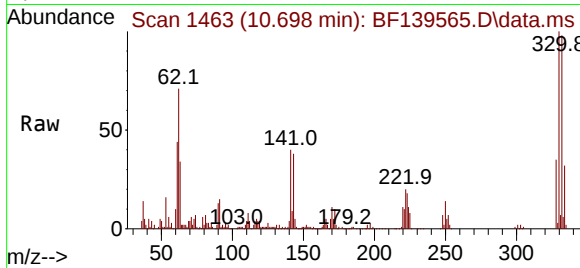




#42
2,4,6-Tribromophenol
Concen: 90.394 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

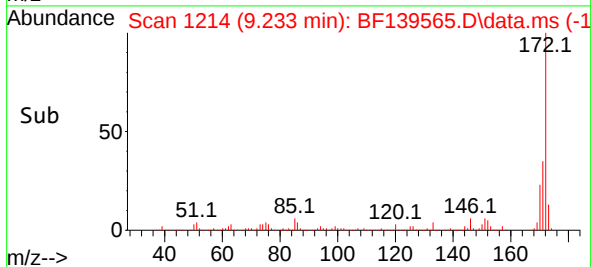
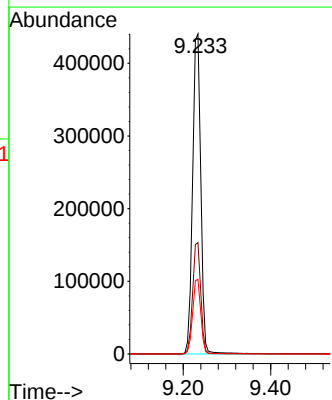
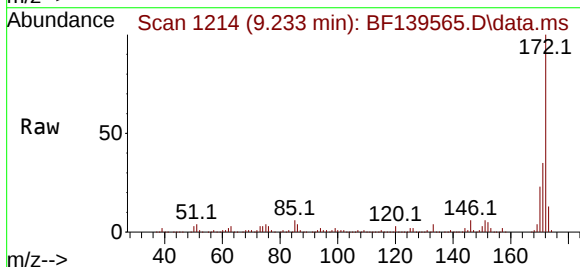
Instrument :
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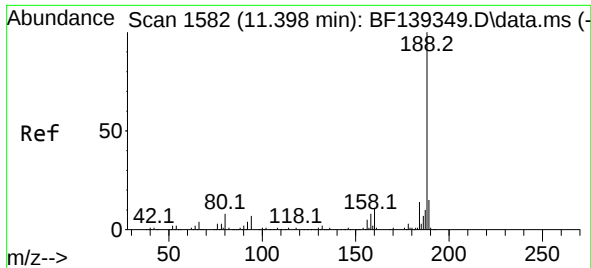
Tgt Ion:330 Resp: 127187
Ion Ratio Lower Upper
330 100
332 97.9 75.2 112.8
141 38.5 31.2 46.8



#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

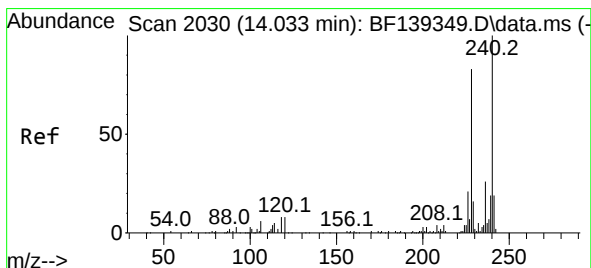
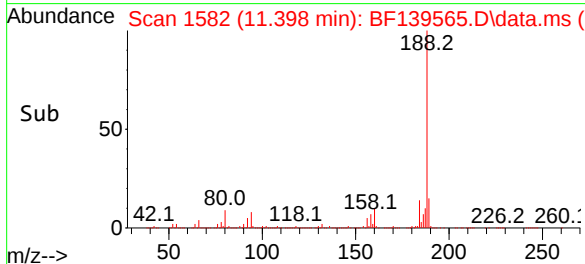
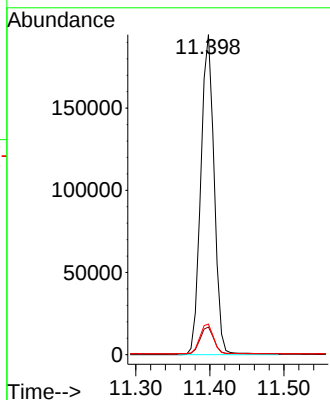
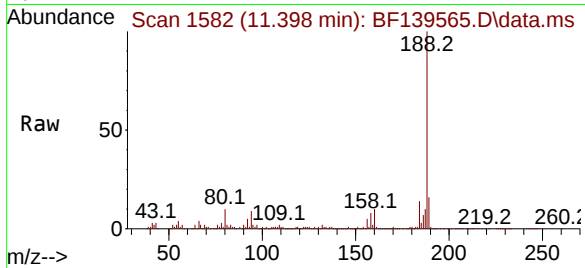




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139565.D
Acq: 27 Sep 2024 00:16

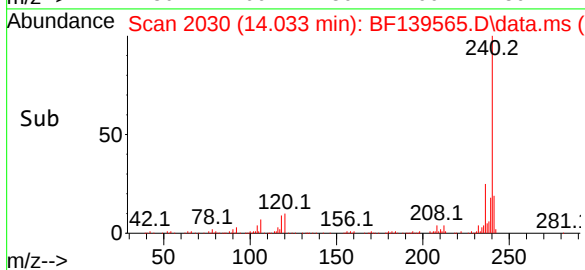
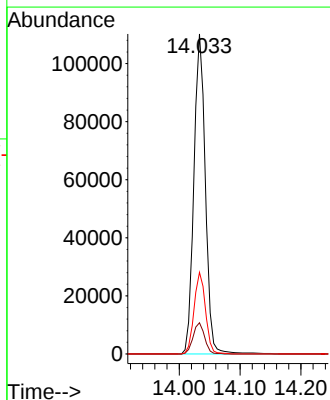
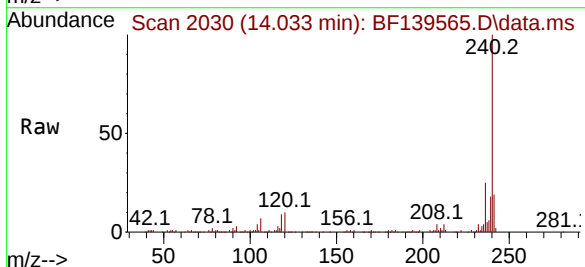
Instrument :
BNA_F
ClientSampleId :
TP3-WC-1

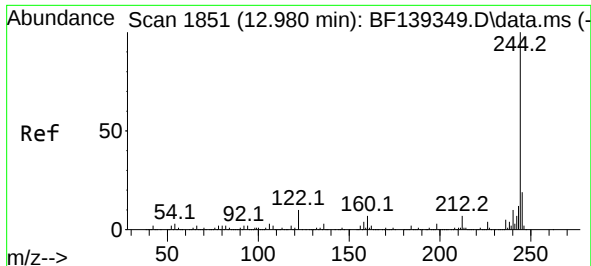
Tgt Ion:188 Resp: 244873
Ion Ratio Lower Upper
188 100
94 8.6 5.5 8.3#
80 9.5 6.6 9.8



#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

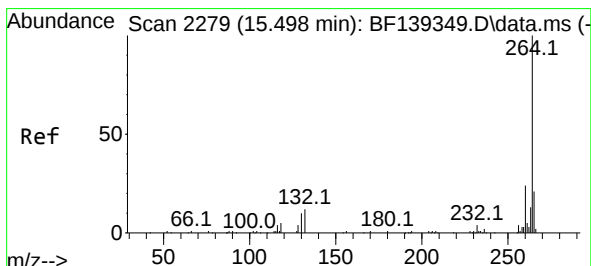
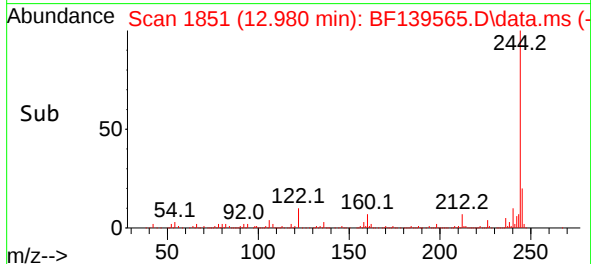
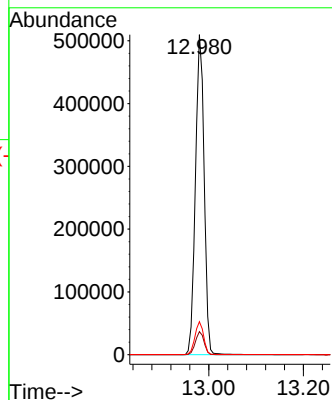
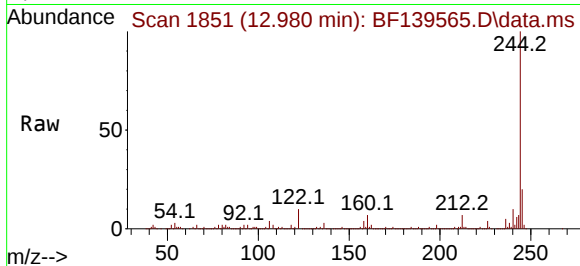




#79
 Terphenyl-d14
 Concen: 73.925 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139565.D
 Acq: 27 Sep 2024 00:16

Instrument :
 BNA_F
 ClientSampleId :
 TP3-WC-1

Tgt Ion: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# 2280
 Delta R.T. 0.006 min
 Lab File: BF139565.D
 Acq: 27 Sep 2024 00:16

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

