

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140027.D
 Acq On : 25 Oct 2024 10:17
 Operator : RC/JU
 Sample : PB164366BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164366BL

Quant Time: Oct 25 11:34:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

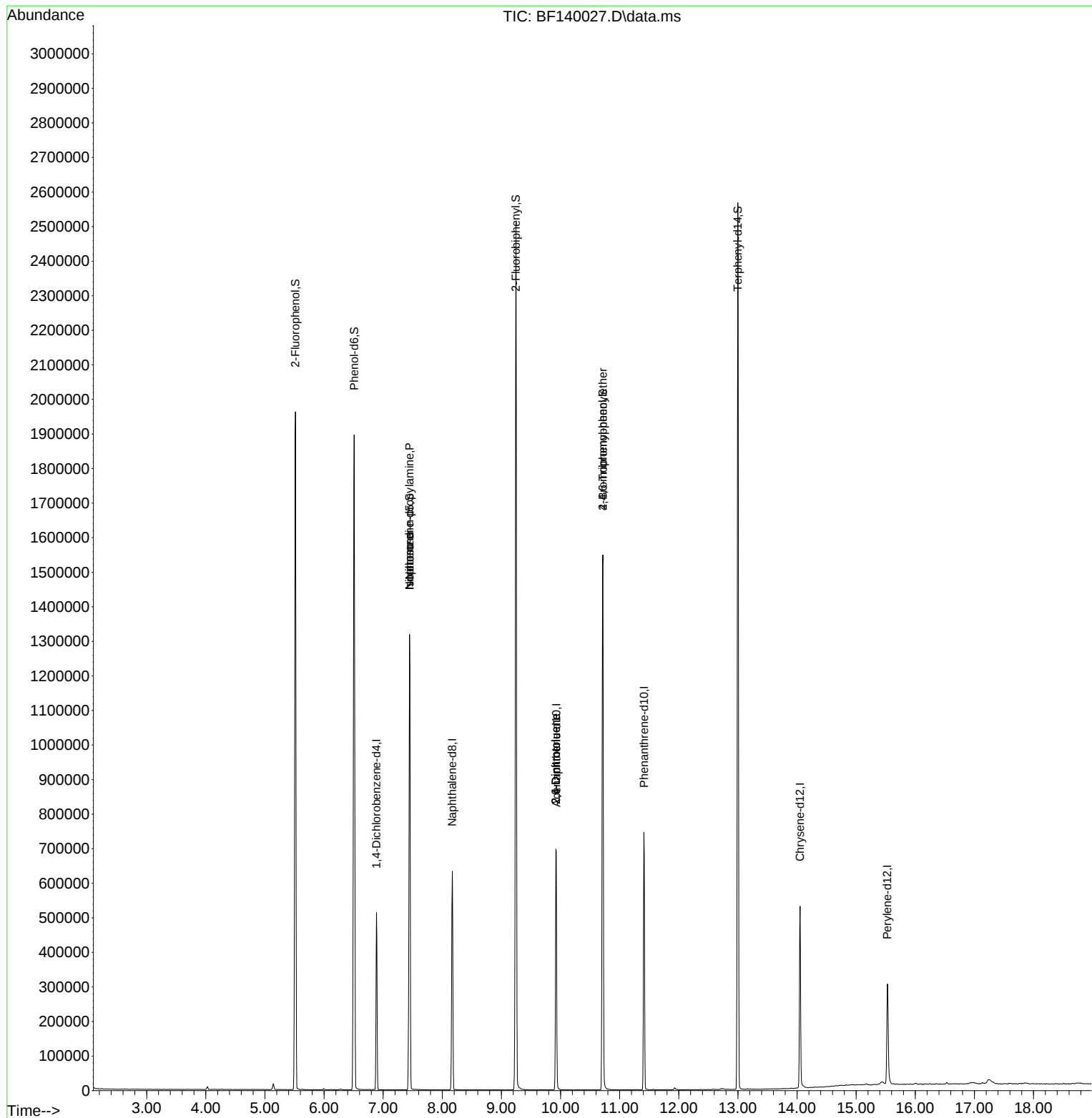
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	102510	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	392578	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	223570	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	398972	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252987	20.000	ng	0.00
86) Perylene-d12	15.527	264	198552	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	753329	115.045	ng	0.02
7) Phenol-d6	6.510	99	953050	112.376	ng	0.00
23) Nitrobenzene-d5	7.445	82	628583	88.742	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	285192	136.377	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1170474	86.525	ng	0.00
79) Terphenyl-d14	12.998	244	1293991	83.346	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	87893	17.088	ng	# 76
25) Isophorone	7.445	82	624645	46.463	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	28389	9.415	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	28389	7.656	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	18623	4.531	ng	# 1

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

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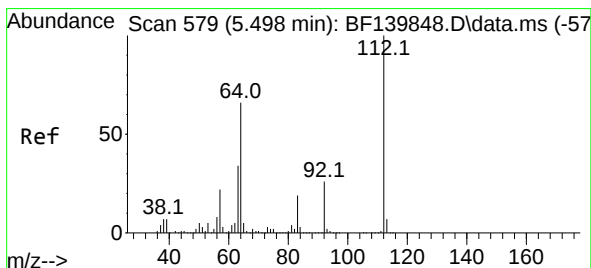
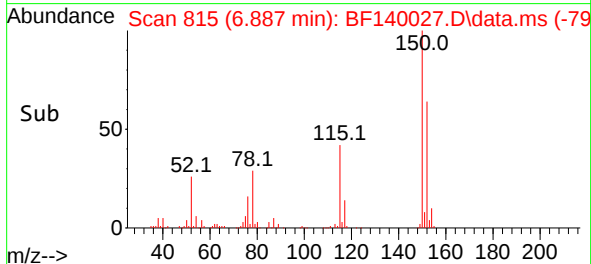
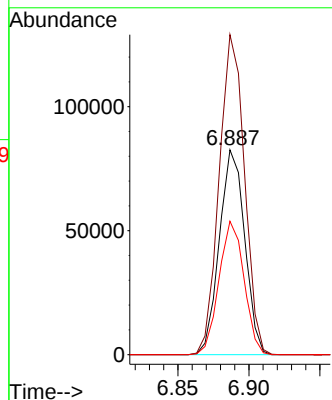
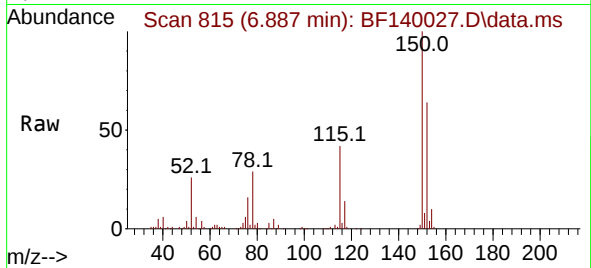




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

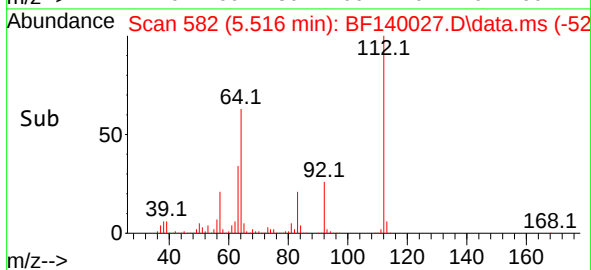
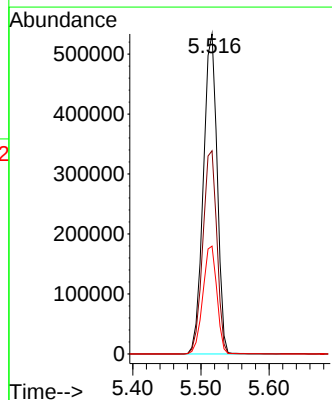
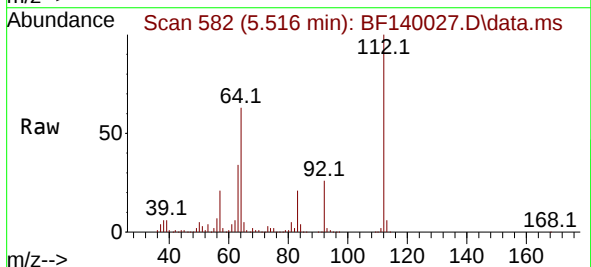
Instrument :
BNA_F
ClientSampleId :
PB164366BL

Tgt Ion:152 Resp: 102510
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 115.045 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Tgt Ion:112 Resp: 753329
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 33.7 27.0 40.4

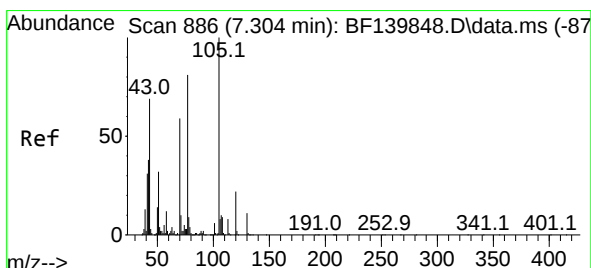
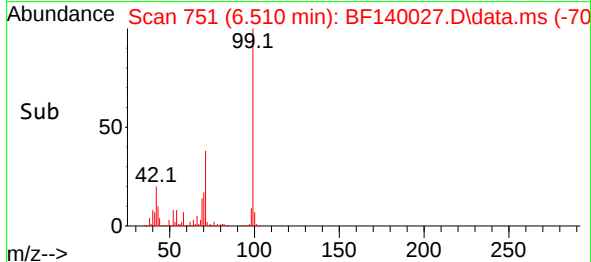
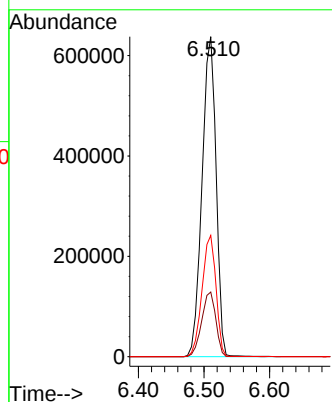
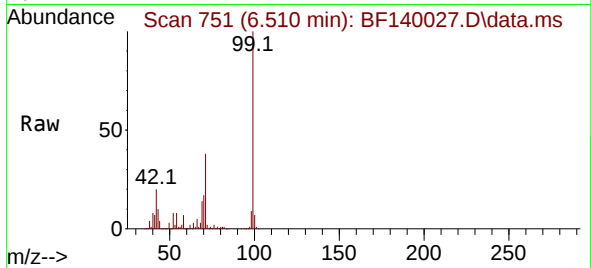




#7
Phenol-d6
Concen: 112.376 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

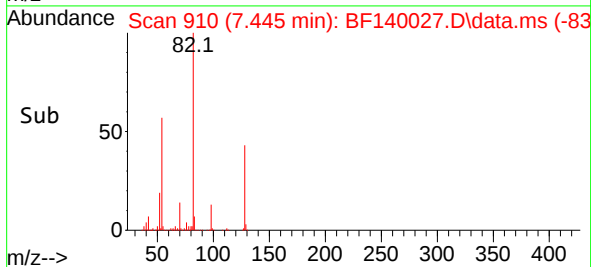
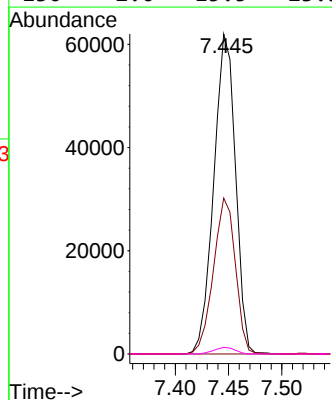
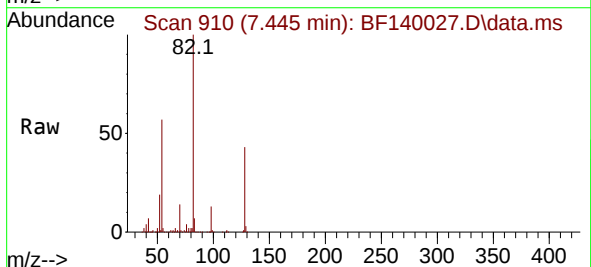
Instrument :
BNA_F
ClientSampleId :
PB164366BL

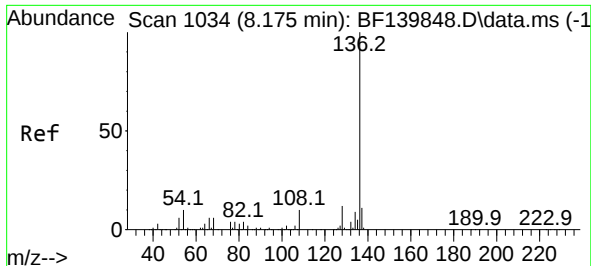
Tgt Ion: 99 Resp: 953050
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 37.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.088 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Tgt Ion: 70 Resp: 87893
Ion Ratio Lower Upper
70 100
42 48.7 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



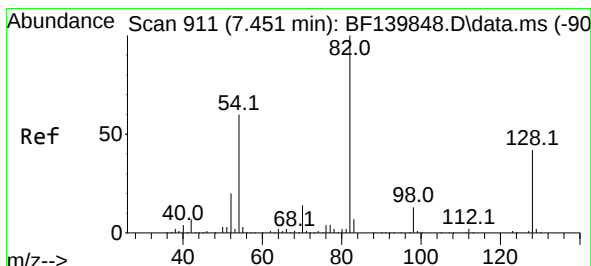
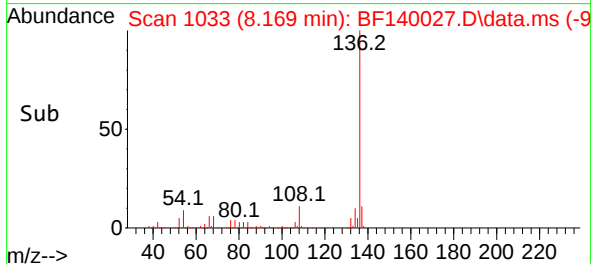
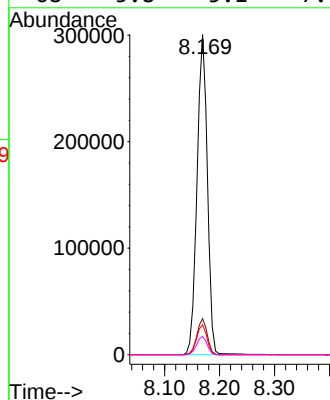
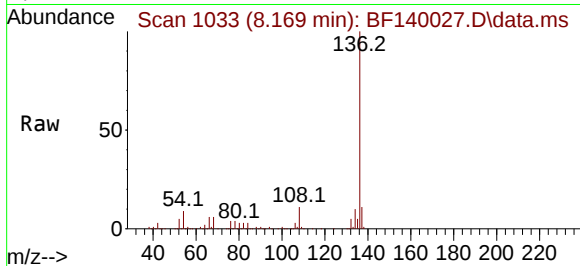


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Instrument :
BNA_F
ClientSampleId :
PB164366BL

Tgt Ion:136 Resp: 392578

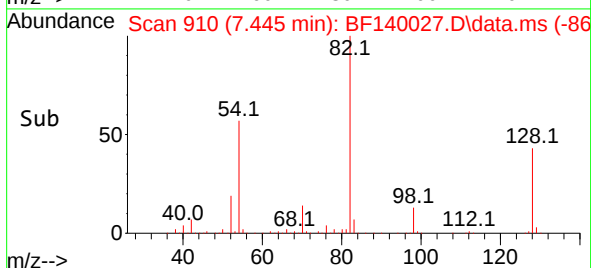
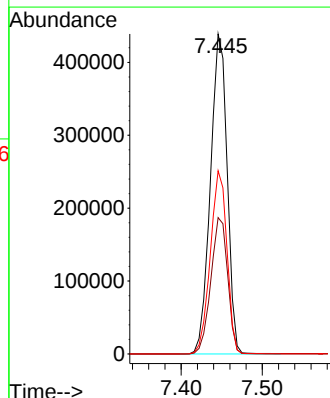
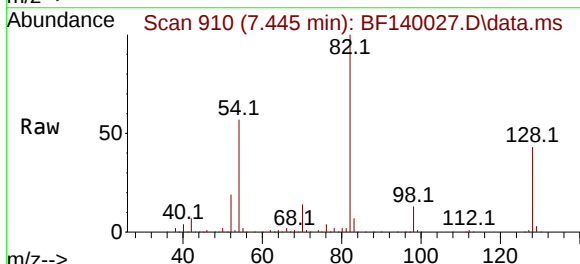
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.4	8.4	12.6
68	5.8	5.1	7.7

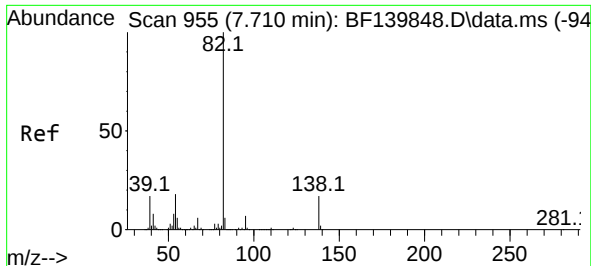


#23
Nitrobenzene-d5
Concen: 88.742 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Tgt Ion: 82 Resp: 628583

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	57.3	47.8	71.8

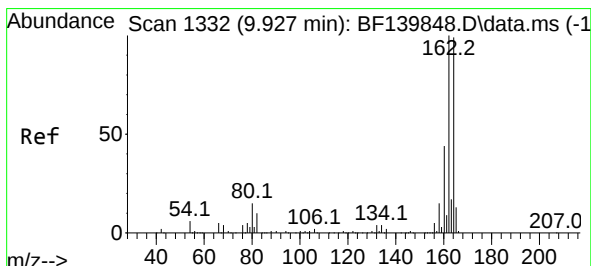
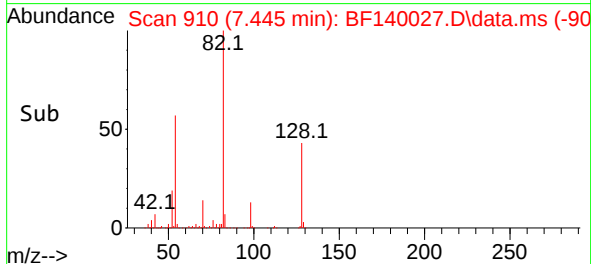
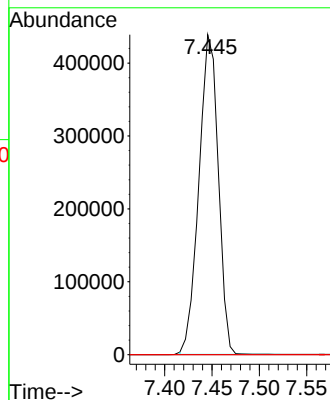
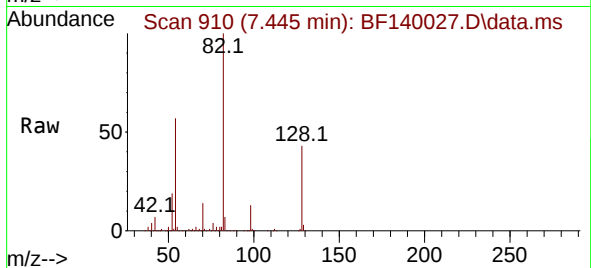




#25
Isophorone
Concen: 46.463 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

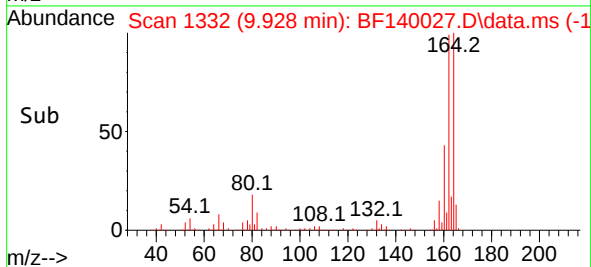
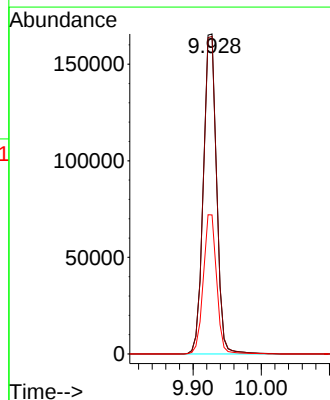
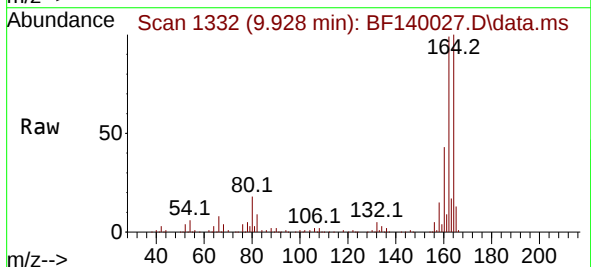
Instrument :
BNA_F
ClientSampleId :
PB164366BL

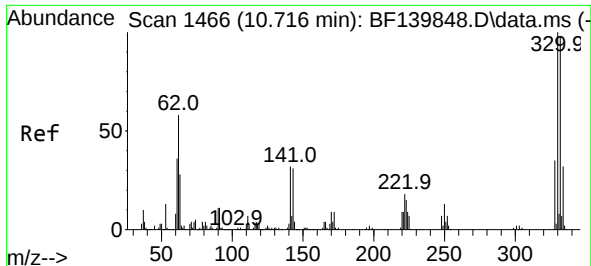
Tgt Ion: 82 Resp: 624645
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Tgt Ion: 164 Resp: 223570
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 43.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 136.377 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140027.D

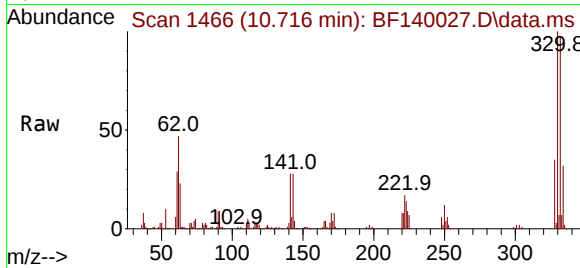
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Instrument :

BNA_F

ClientSampleId :

PB164366BL



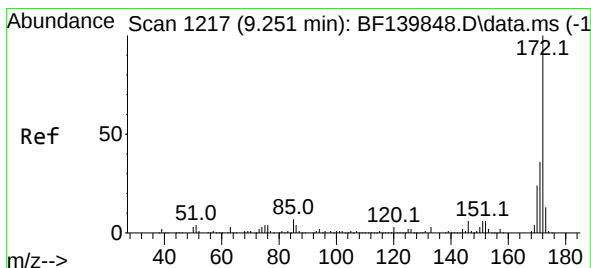
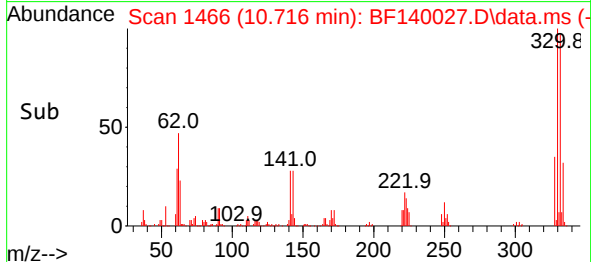
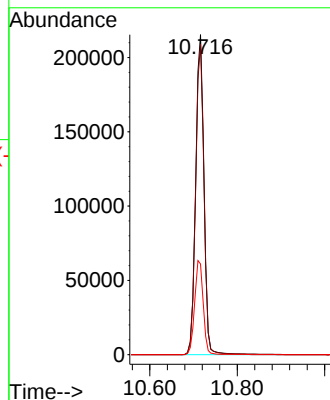
Tgt Ion:330 Resp: 285192

Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

141 30.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 86.525 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140027.D

Acq: 25 Oct 2024 10:17

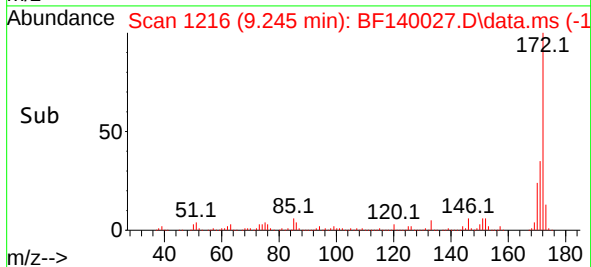
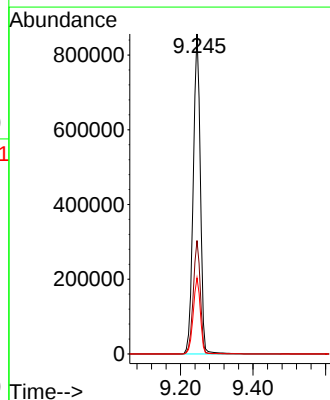
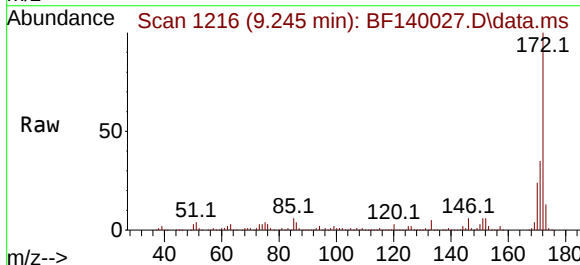
Tgt Ion:172 Resp: 1170474

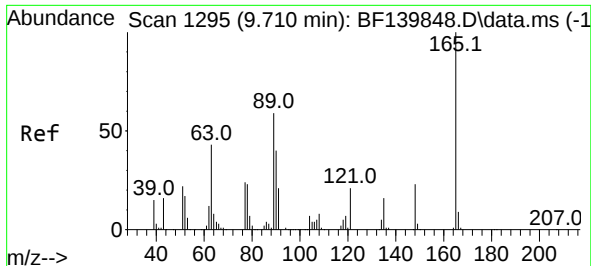
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.8 19.1 28.7

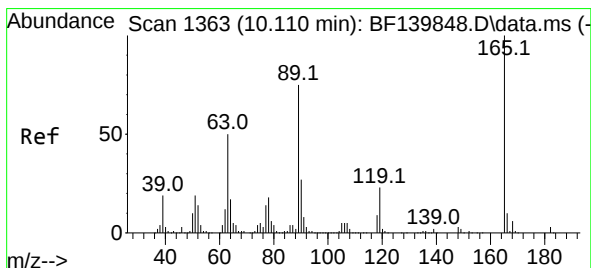
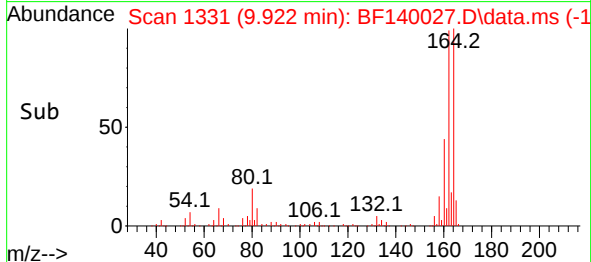
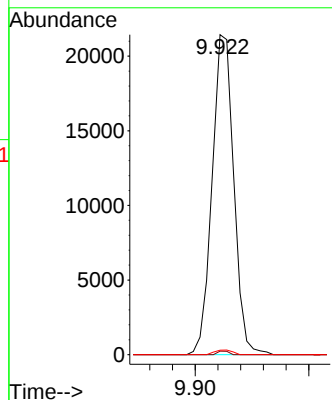
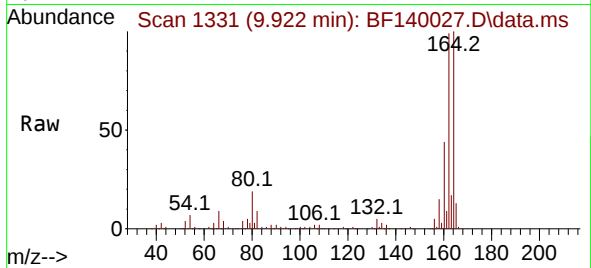




#51
2,6-Dinitrotoluene
Concen: 9.415 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

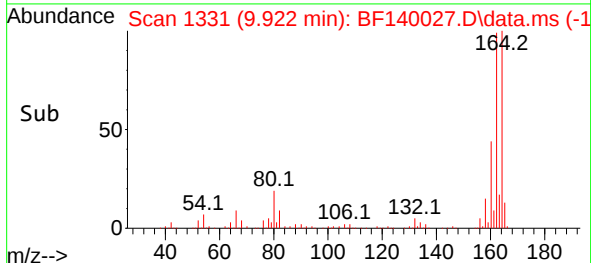
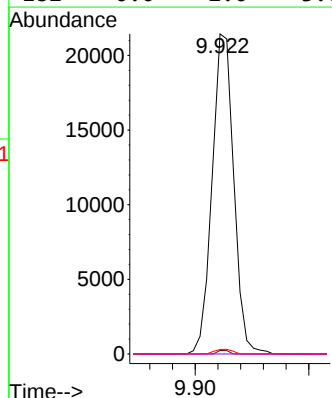
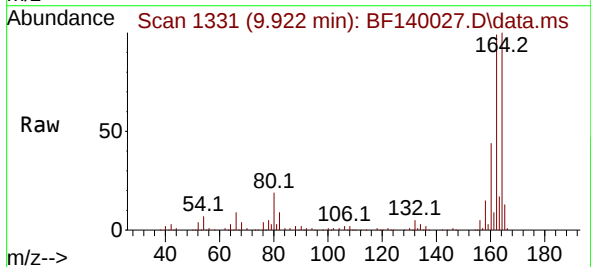
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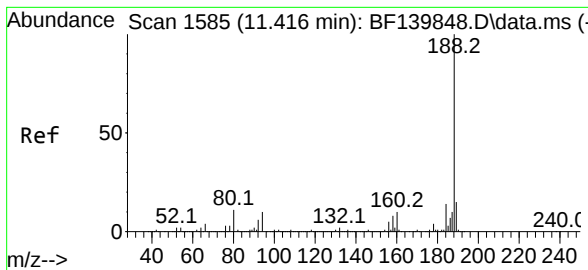
Tgt Ion:165 Resp: 28389
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.656 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Tgt Ion:165 Resp: 28389
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#

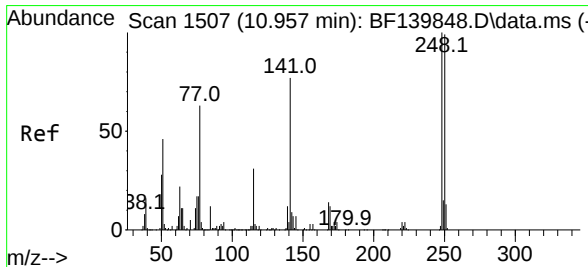
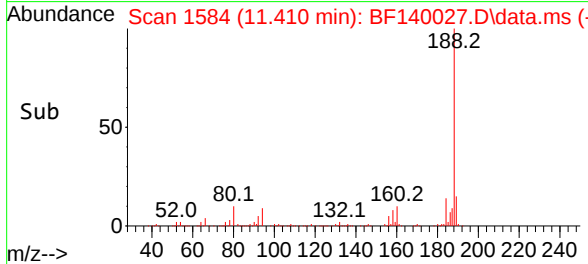
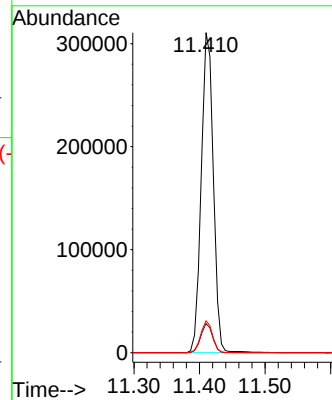
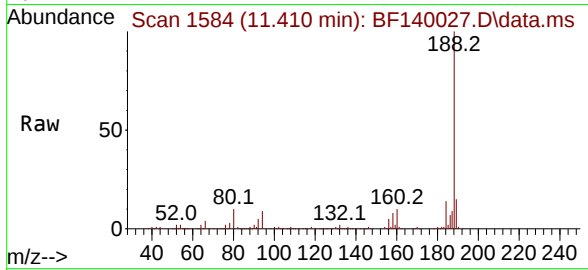




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

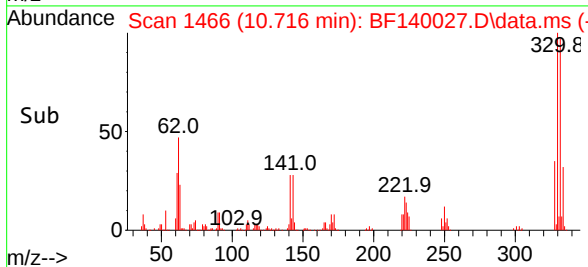
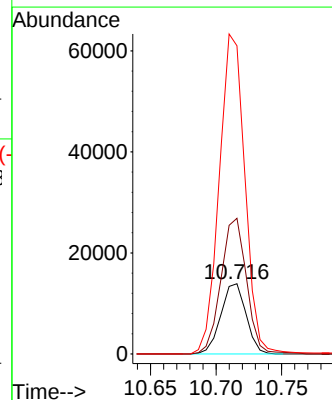
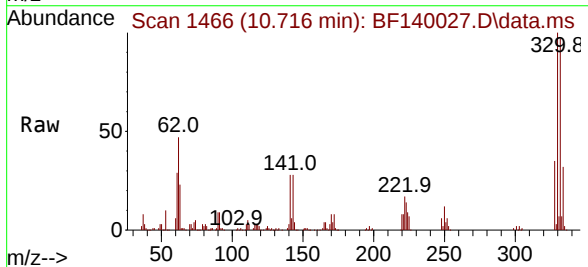
Instrument :
BNA_F
ClientSampleId :
PB164366BL

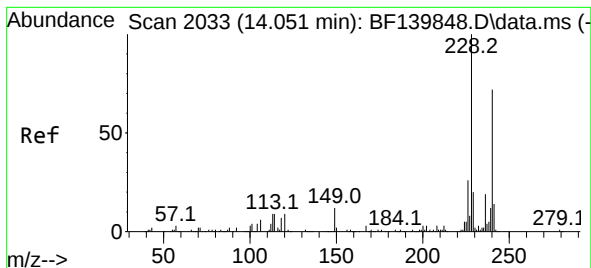
Tgt Ion:188 Resp: 398972
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.0 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF140027.D
Acq: 25 Oct 2024 10:17

Tgt Ion:248 Resp: 18623
Ion Ratio Lower Upper
248 100
250 193.2 79.0 118.6#
141 438.7 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140027.D

Acq: 25 Oct 2024 10:17

Instrument :

BNA_F

ClientSampleId :

PB164366BL

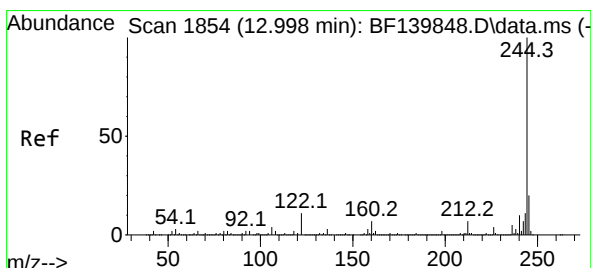
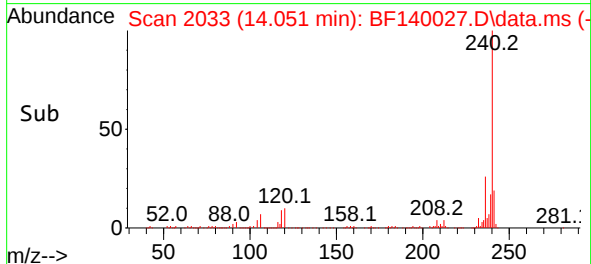
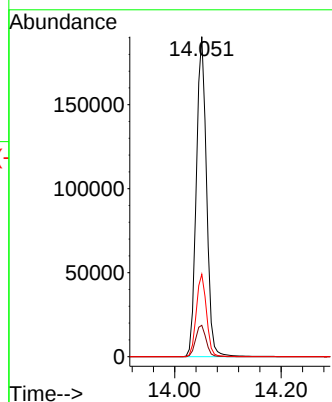
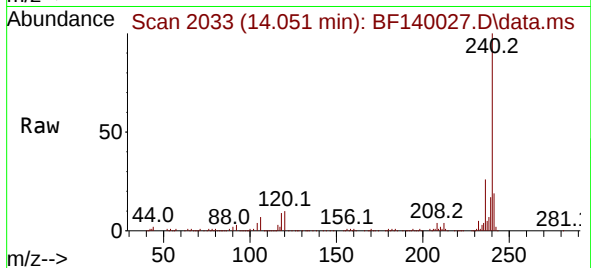
Tgt Ion:240 Resp: 252987

Ion Ratio Lower Upper

240 100

120 9.8 9.4 14.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 83.346 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140027.D

Acq: 25 Oct 2024 10:17

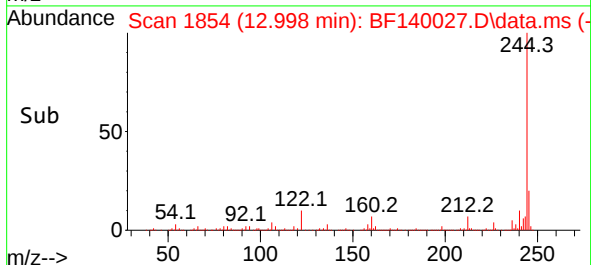
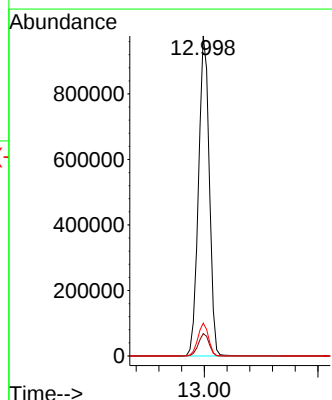
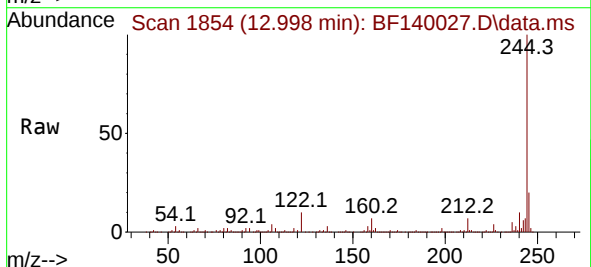
Tgt Ion:244 Resp: 1293991

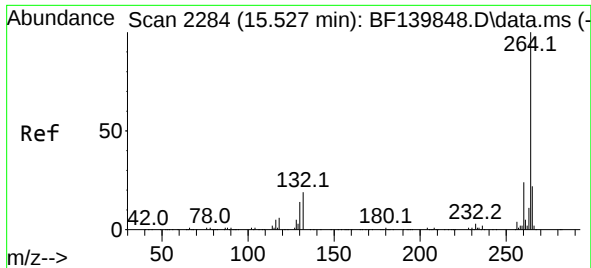
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.3 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140027.D
 Acq: 25 Oct 2024 10:17

Instrument :
 BNA_F
 ClientSampleId :
 PB164366BL

Tgt Ion:264 Resp: 198552
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.5 17.4 26.0

