

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140078.D
 Acq On : 28 Oct 2024 10:58
 Operator : RC/JU
 Sample : PB164393TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164393TB

Quant Time: Oct 28 11:28:25 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)

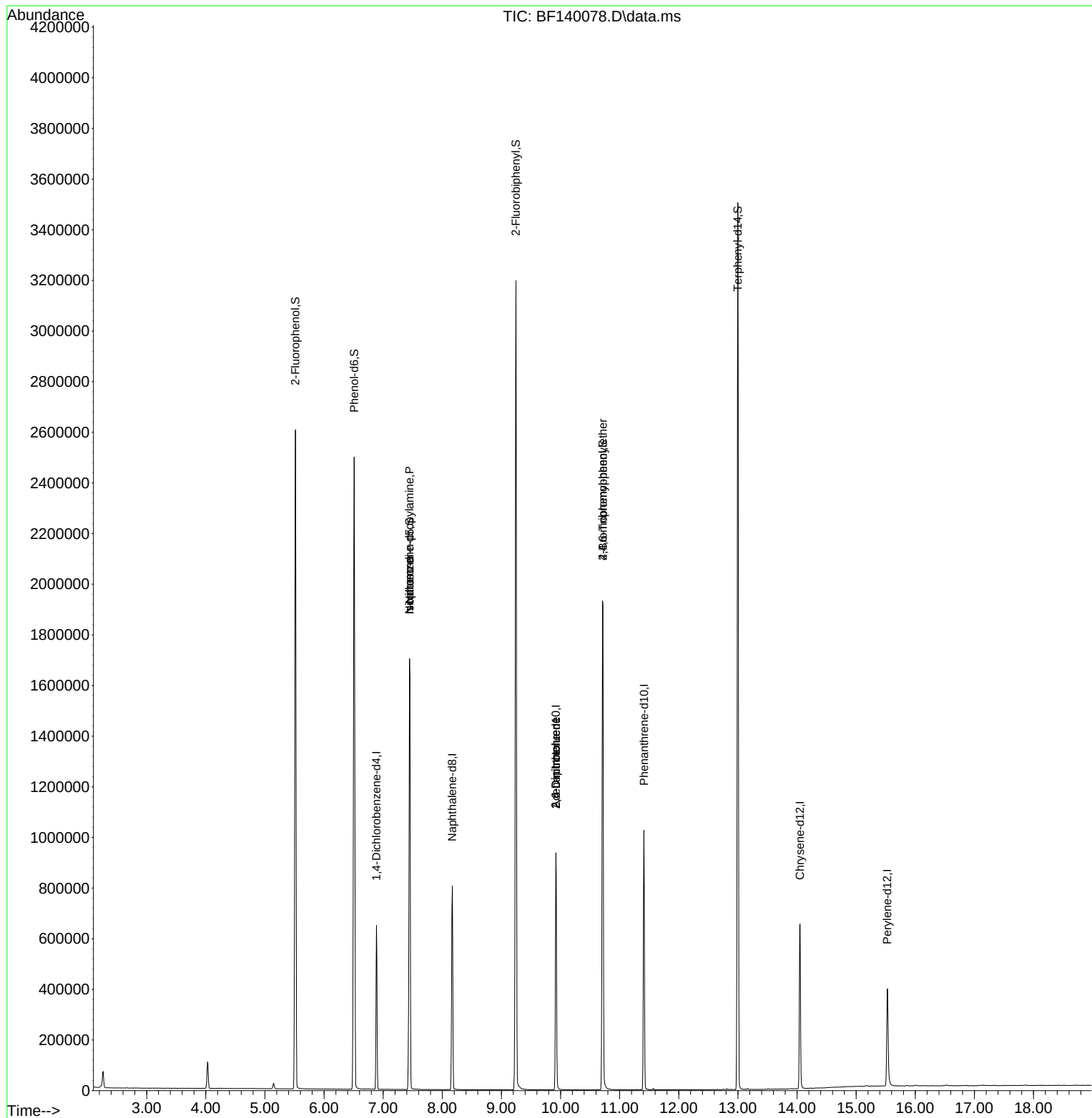
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	128211	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	508163	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	288600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	536321	20.000	ng	0.00
76) Chrysene-d12	14.051	240	334195	20.000	ng	0.00
86) Perylene-d12	15.527	264	261975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1001524	122.289	ng	0.02
7) Phenol-d6	6.510	99	1264624	119.224	ng	0.00
23) Nitrobenzene-d5	7.446	82	845367	92.201	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	368703	136.583	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1534211	87.858	ng	0.00
79) Terphenyl-d14	12.998	244	1821703	88.823	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.446	70	112824	17.538	ng	# 78
25) Isophorone	7.446	82	838961	48.210	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	37127	9.539	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	37128	7.757	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	23333	4.223	ng	# 1

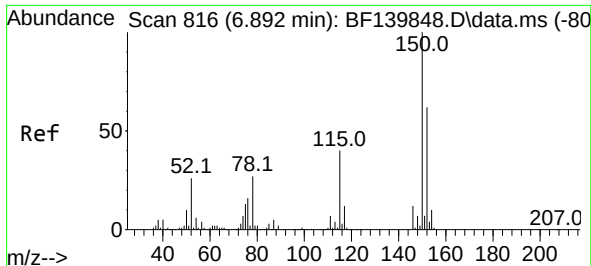
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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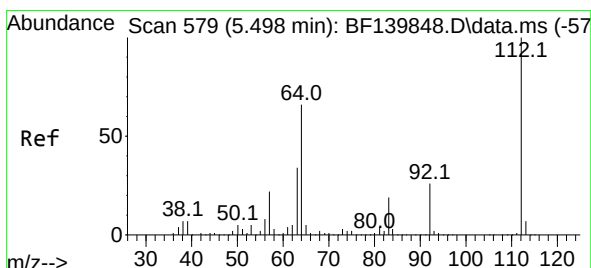
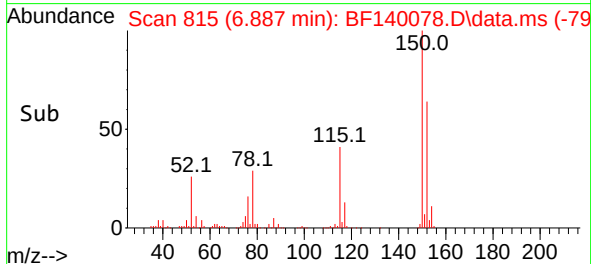
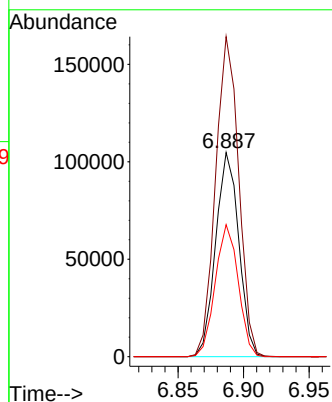
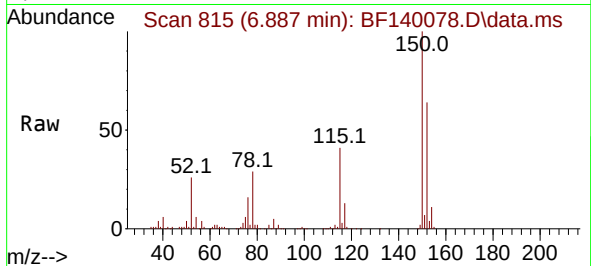




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

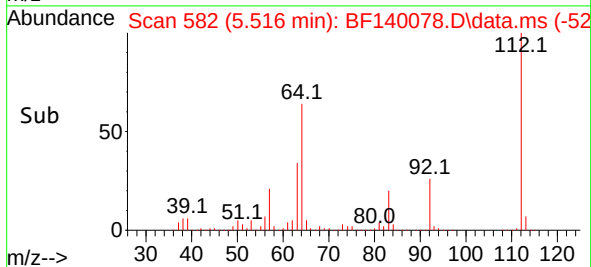
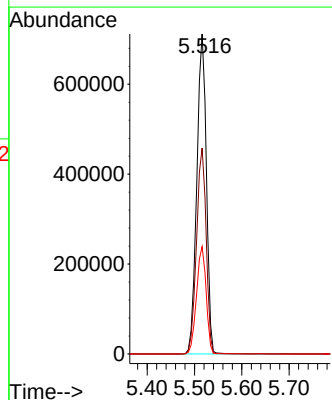
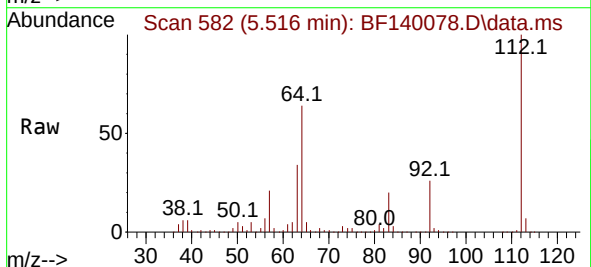
Instrument :
BNA_F
ClientSampleId :
PB164393TB

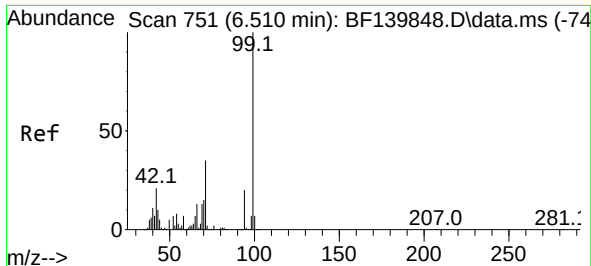
Tgt Ion:152 Resp: 128211
Ion Ratio Lower Upper
152 100
150 156.8 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 122.289 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion:112 Resp: 1001524
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.5 27.0 40.4

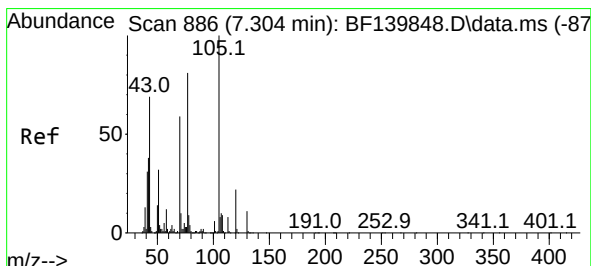
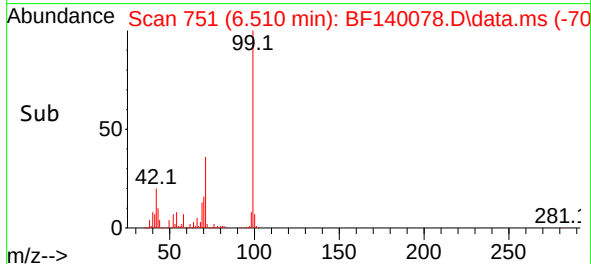
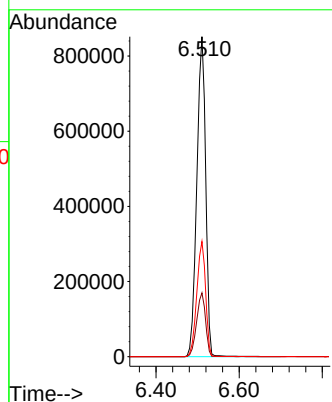
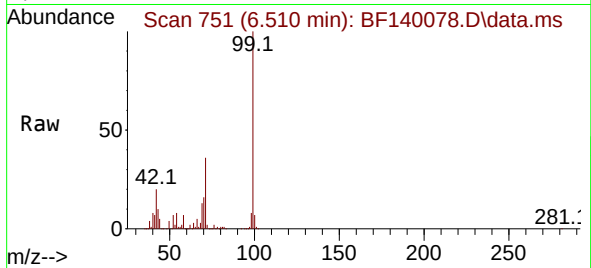




#7
Phenol-d6
Concen: 119.224 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

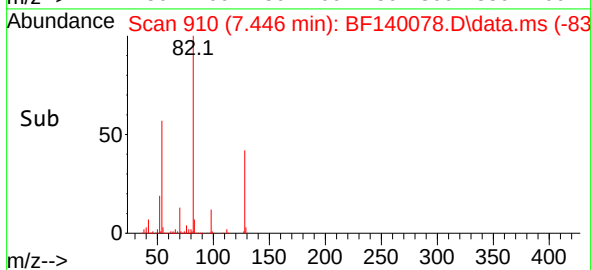
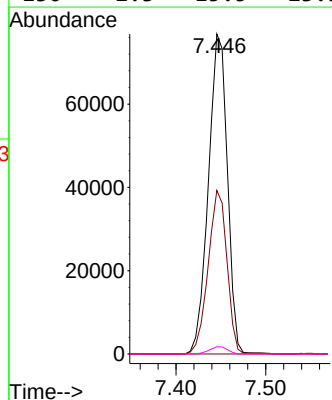
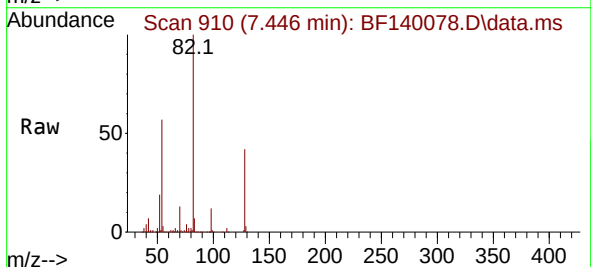
Instrument :
BNA_F
ClientSampleId :
PB164393TB

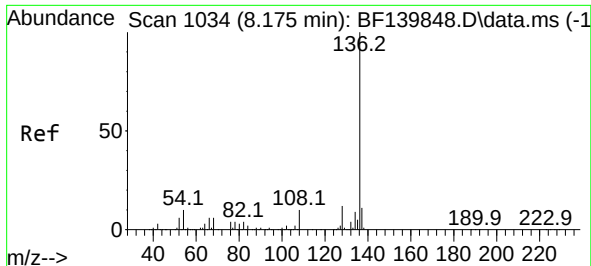
Tgt Ion: 99 Resp: 1264624
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 36.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.538 ng
RT: 7.446 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion: 70 Resp: 112824
Ion Ratio Lower Upper
70 100
42 51.1 51.5 77.3#
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#

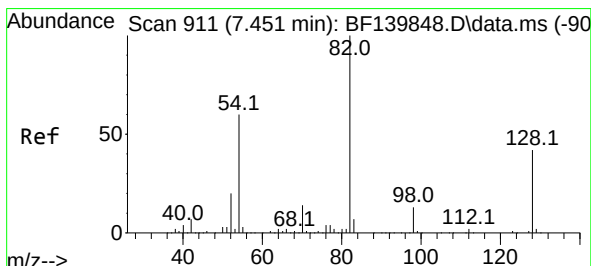
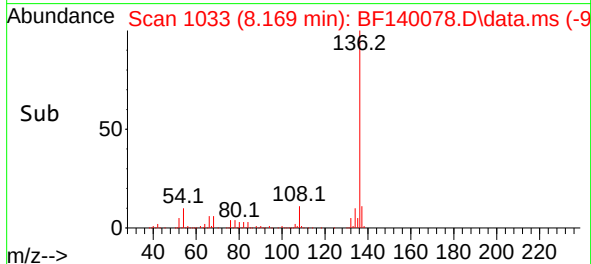
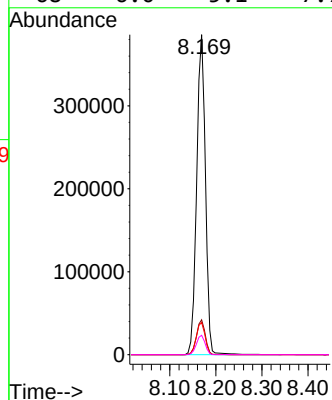
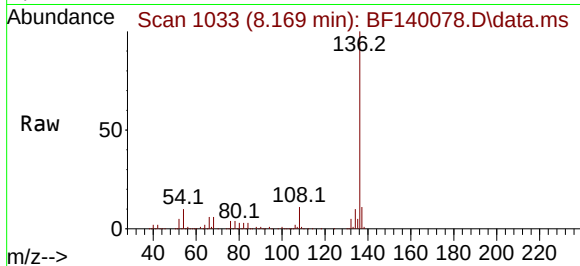




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

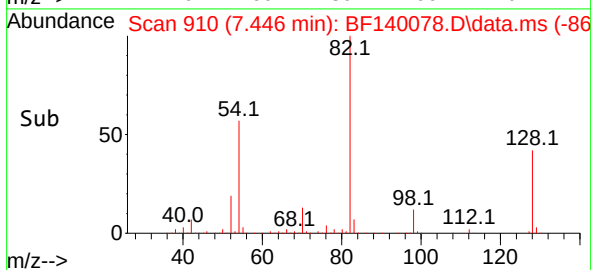
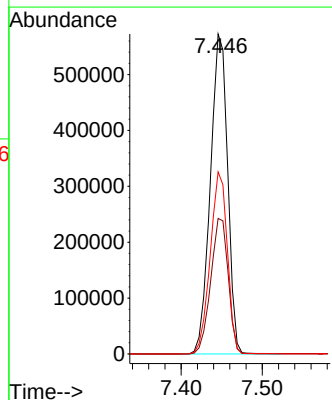
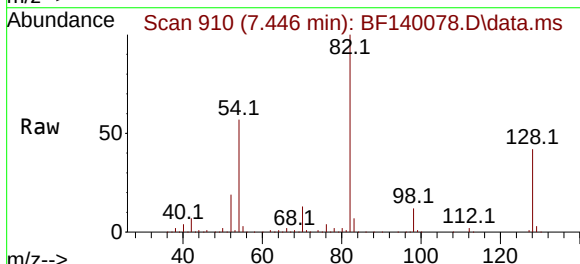
Instrument :
BNA_F
ClientSampleId :
PB164393TB

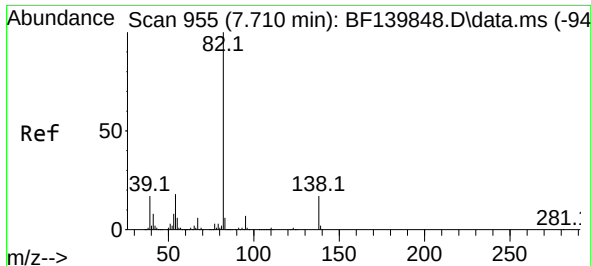
Tgt Ion:	136	Resp:	508163
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.1	8.4	12.6
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 92.201 ng
RT: 7.446 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion:	82	Resp:	845367
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.4	50.0
54	56.9	47.8	71.8

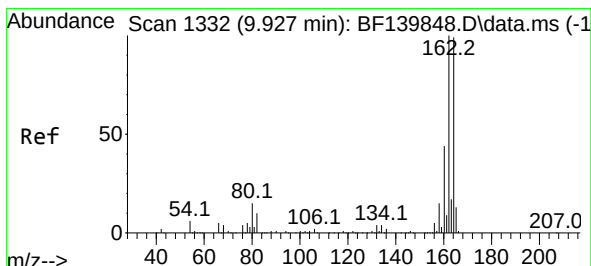
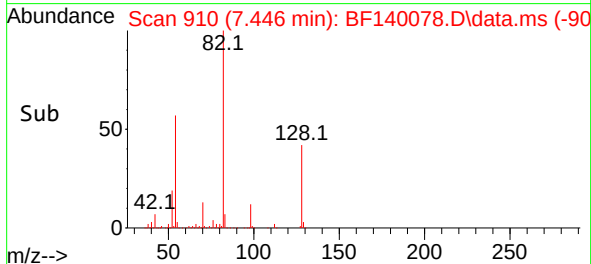
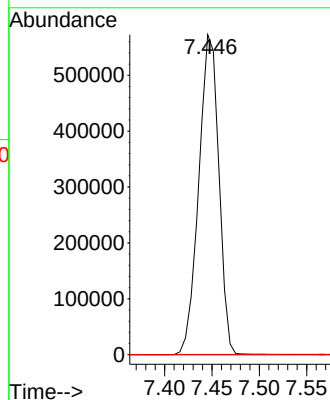
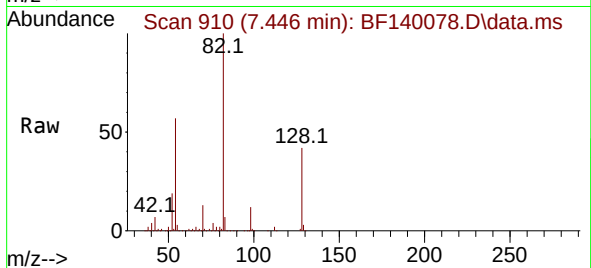




#25
Isophorone
Concen: 48.210 ng
RT: 7.446 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

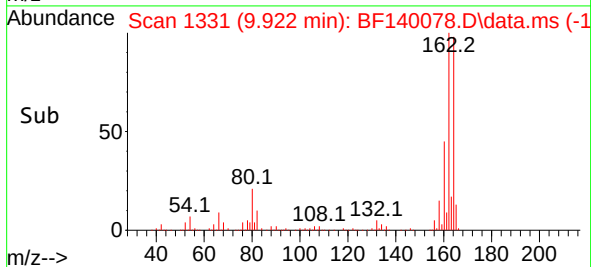
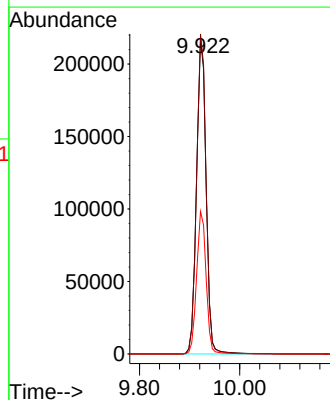
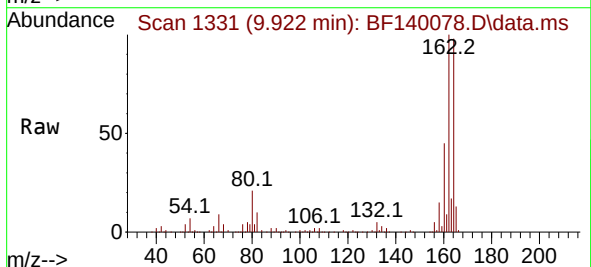
Instrument :
BNA_F
ClientSampleId :
PB164393TB

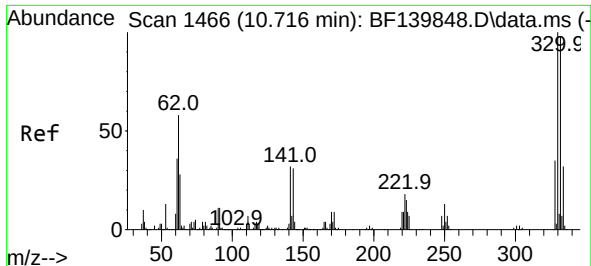
Tgt Ion: 82 Resp: 838961
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion: 164 Resp: 288600
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 45.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 136.583 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140078.D

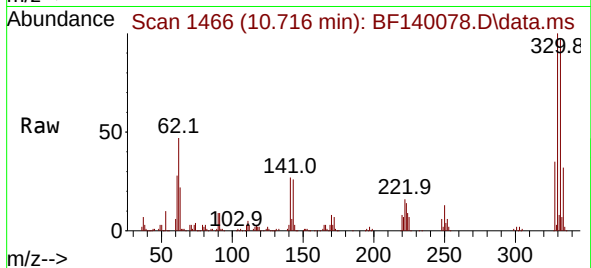
Acq: 28 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

PB164393TB



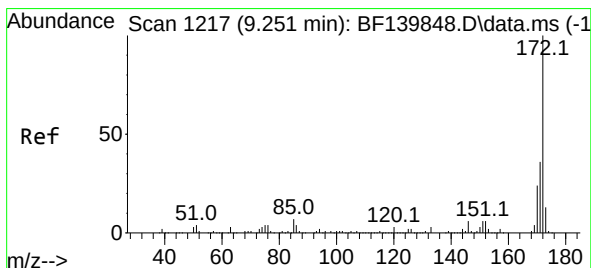
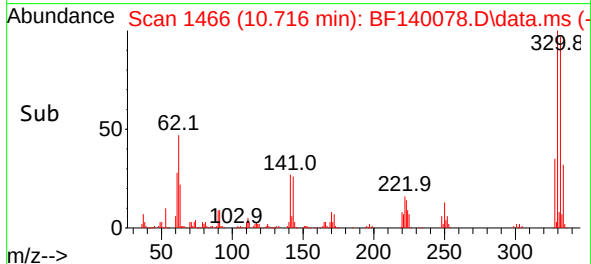
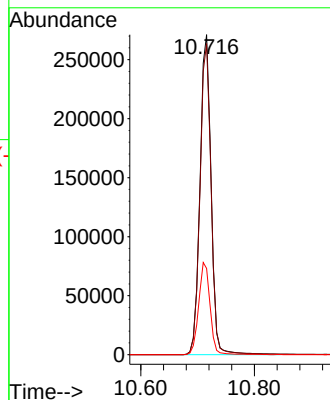
Tgt Ion:330 Resp: 368703

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 29.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 87.858 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140078.D

Acq: 28 Oct 2024 10:58

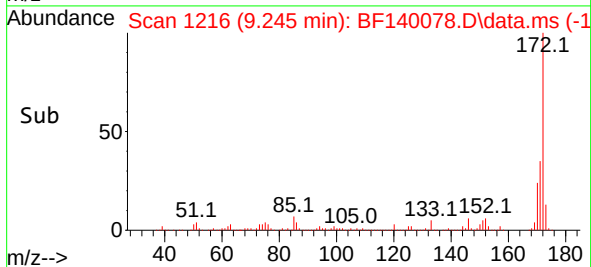
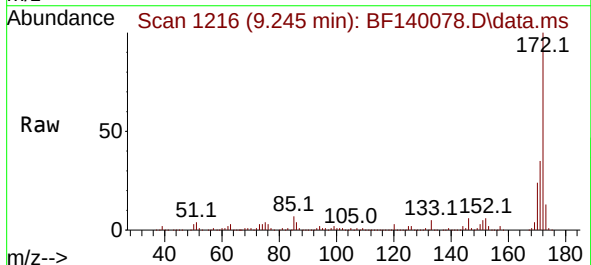
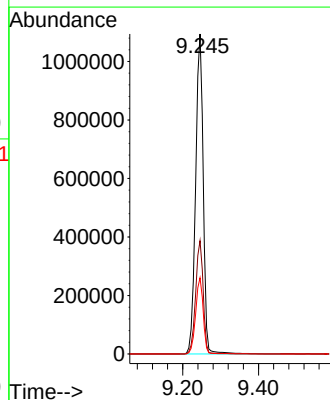
Tgt Ion:172 Resp: 1534211

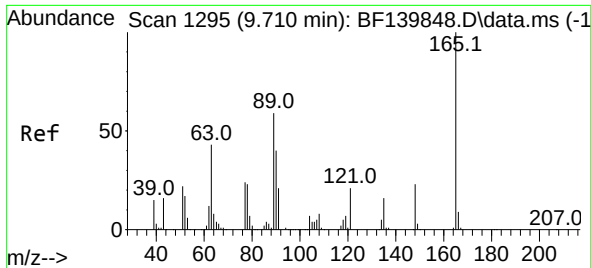
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.8 19.1 28.7

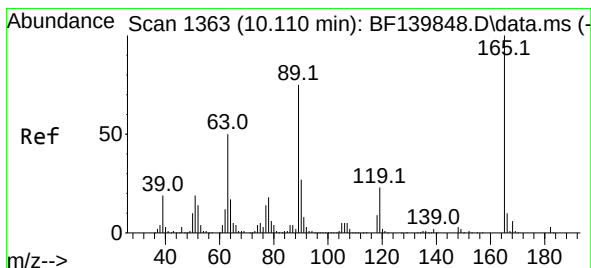
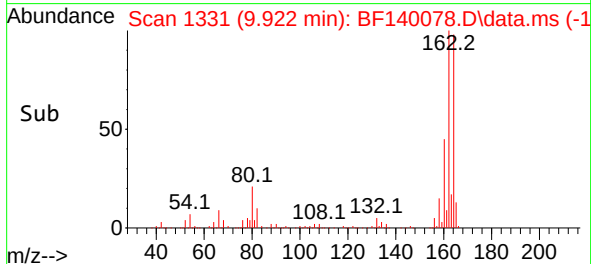
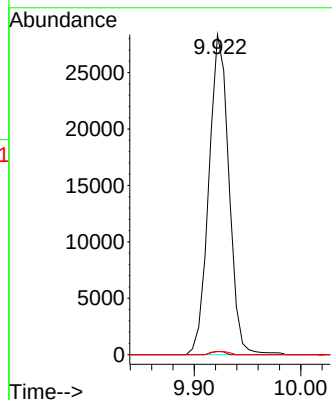
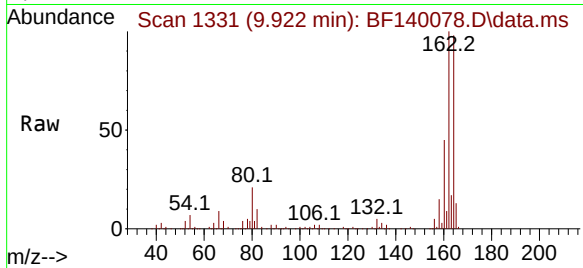




#51
2,6-Dinitrotoluene
Concen: 9.539 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

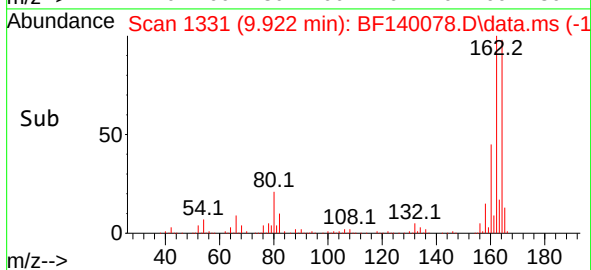
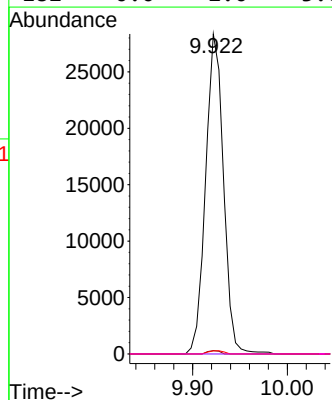
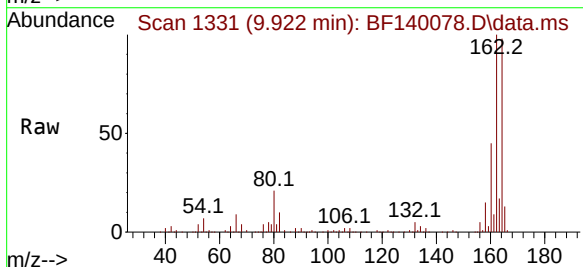
Instrument :
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PB164393TB

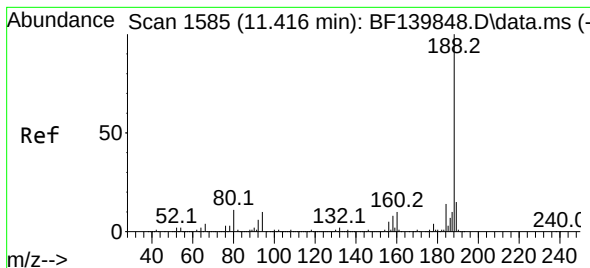
Tgt Ion:165 Resp: 37127
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.757 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140078.D
Acq: 28 Oct 2024 10:58

Tgt Ion:165 Resp: 37128
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140078.D

Acq: 28 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

PB164393TB

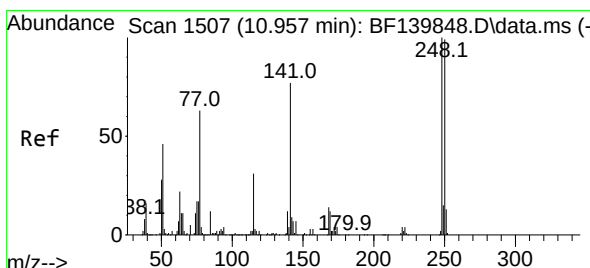
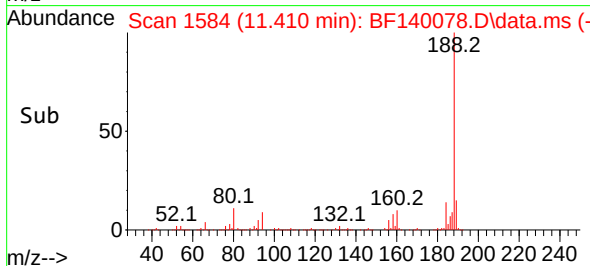
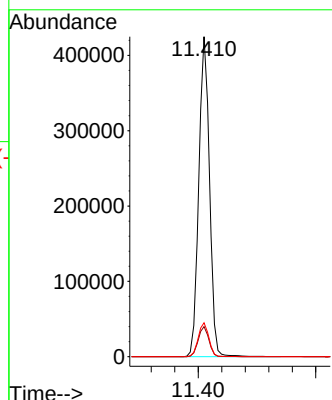
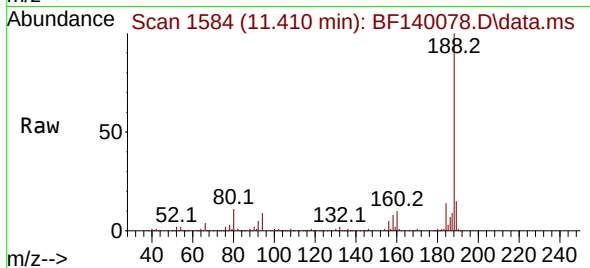
Tgt Ion:188 Resp: 536321

Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.223 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140078.D

Acq: 28 Oct 2024 10:58

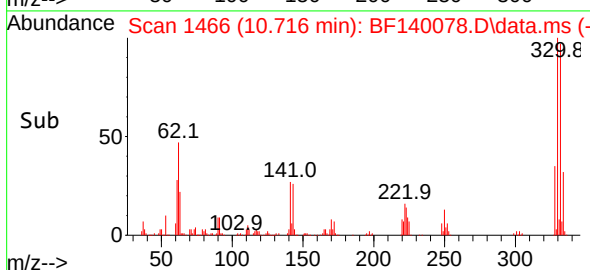
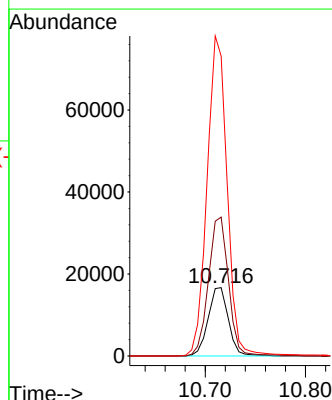
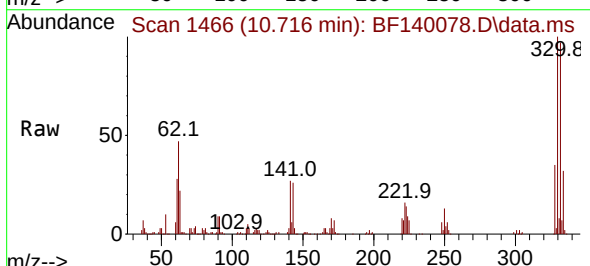
Tgt Ion:248 Resp: 23333

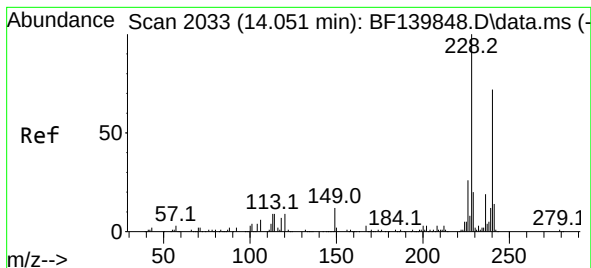
Ion Ratio Lower Upper

248 100

250 203.4 79.0 118.6#

141 438.9 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: BF140078.D

Acq: 28 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

PB164393TB

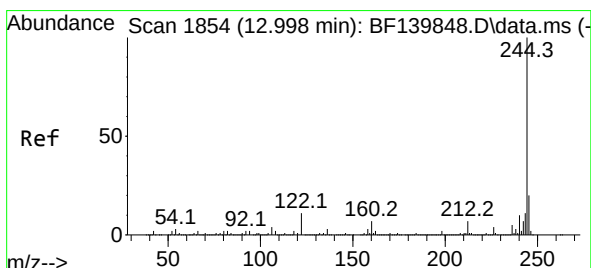
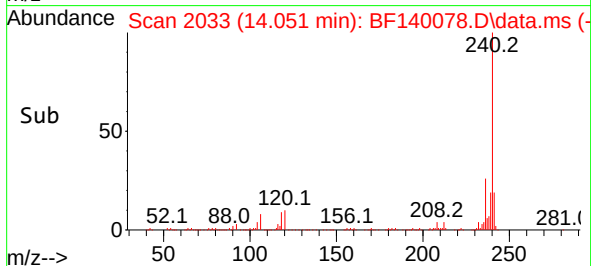
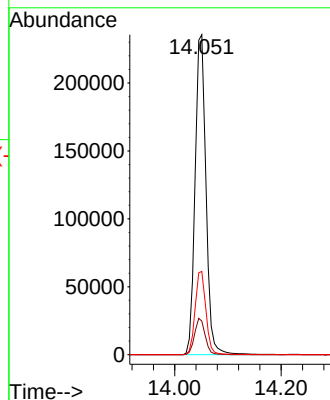
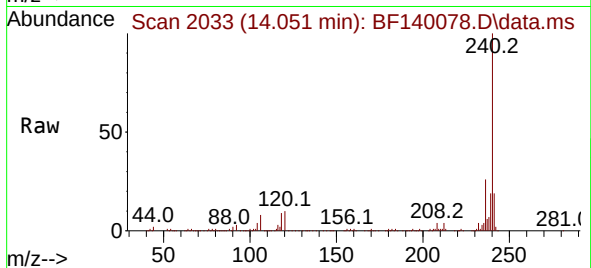
Tgt Ion:240 Resp: 334195

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 88.823 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140078.D

Acq: 28 Oct 2024 10:58

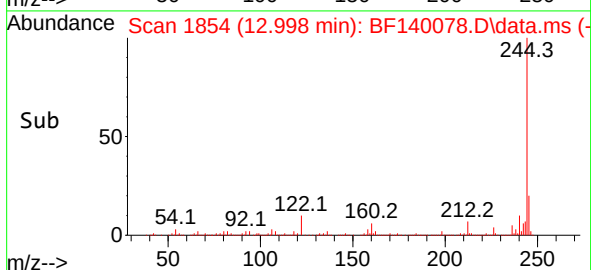
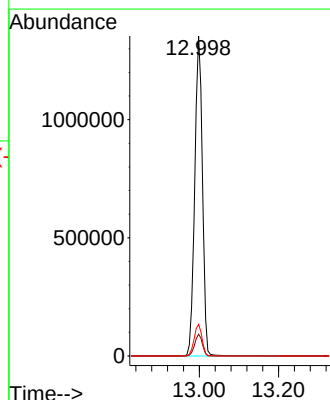
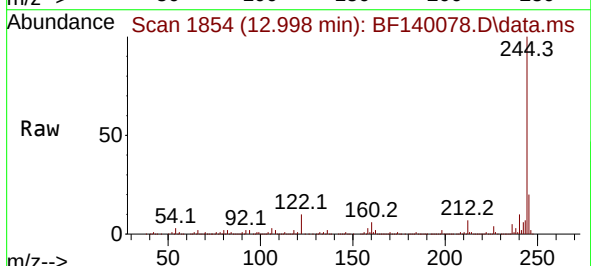
Tgt Ion:244 Resp: 1821703

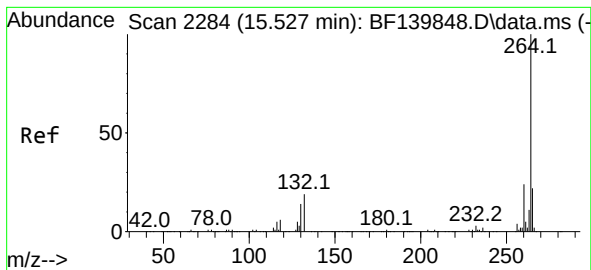
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 9.9 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: BF140078.D

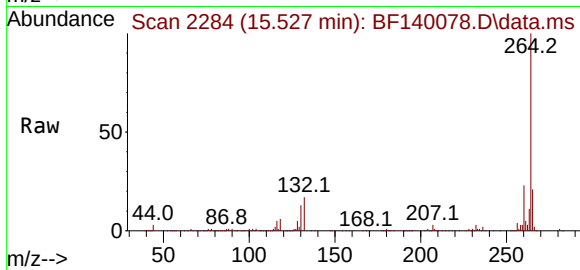
Acq: 28 Oct 2024 10:58

Instrument :

BNA_F

ClientSampleId :

PB164393TB



Tgt Ion:264 Resp: 261975

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.3 17.4 26.0

