

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140076.D
 Acq On : 28 Oct 2024 10:01
 Operator : RC/JU
 Sample : PB164444BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164444BL

Quant Time: Oct 28 11:22:30 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)

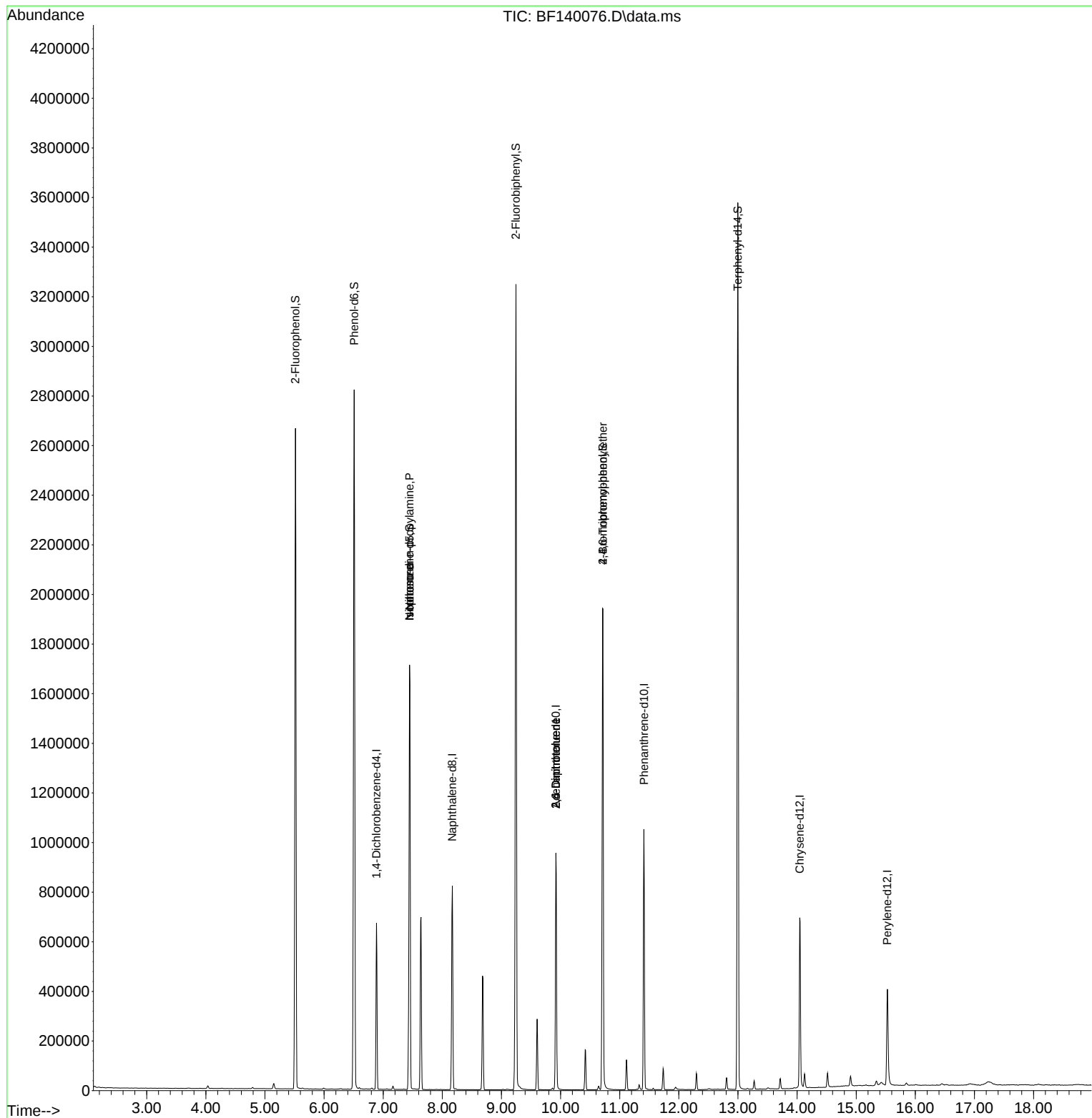
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132330	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	518019	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	298114	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	550598	20.000	ng	0.00
76) Chrysene-d12	14.045	240	341644	20.000	ng	0.00
86) Perylene-d12	15.527	264	261224	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1015752	120.165	ng	0.02
7) Phenol-d6	6.510	99	1244979	113.718	ng	0.00
23) Nitrobenzene-d5	7.445	82	849954	90.938	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	370207	132.764	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1571487	87.121	ng	0.00
79) Terphenyl-d14	12.998	244	1868766	89.131	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	114532	17.249	ng	# 77
25) Isophorone	7.445	82	843580	47.553	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	38166	9.493	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	38166	7.719	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	23870	4.208	ng	# 1

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

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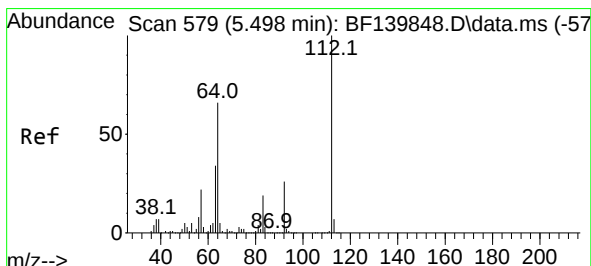
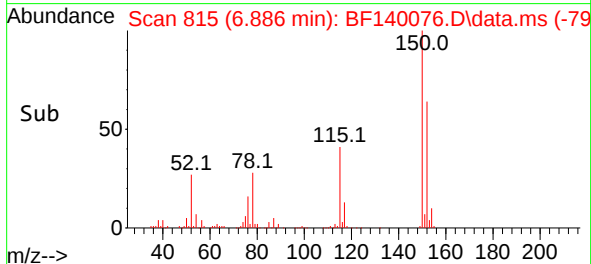
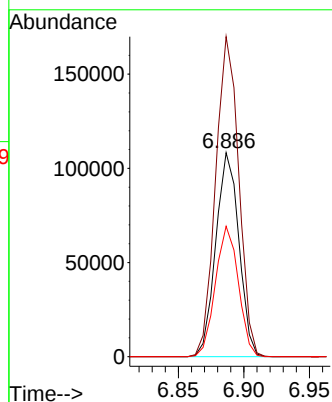
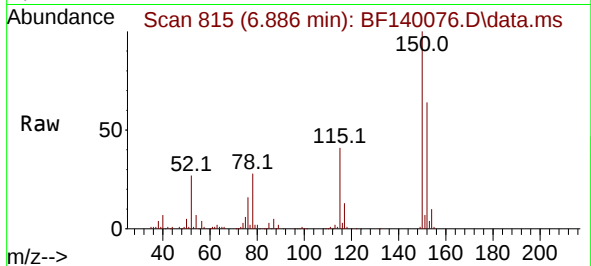




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

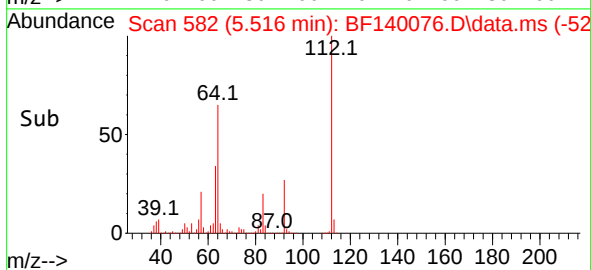
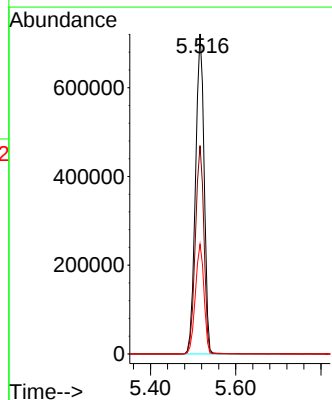
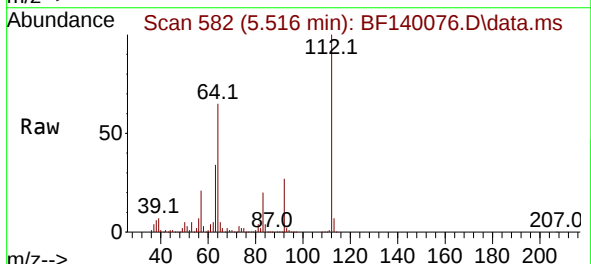
Instrument :
BNA_F
ClientSampleId :
PB164444BL

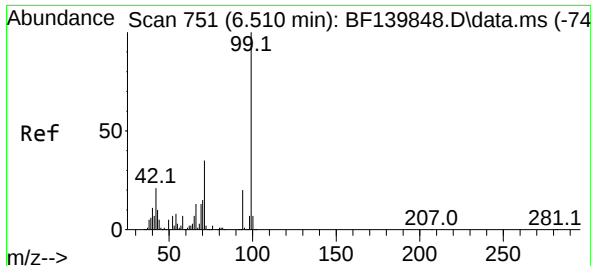
Tgt Ion:152 Resp: 132330
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 63.9 51.4 77.2



#5
2-Fluorophenol
Concen: 120.165 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion:112 Resp: 1015752
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 34.3 27.0 40.4

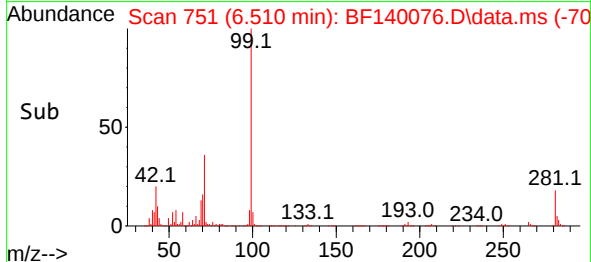
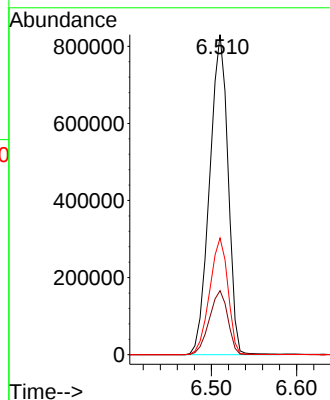
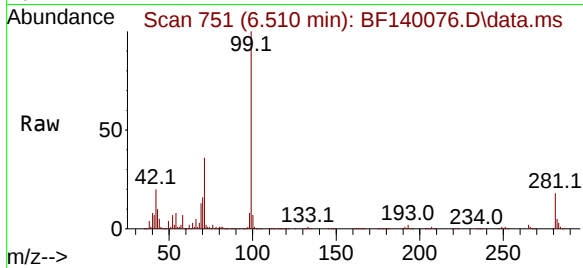




#7
Phenol-d6
Concen: 113.718 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

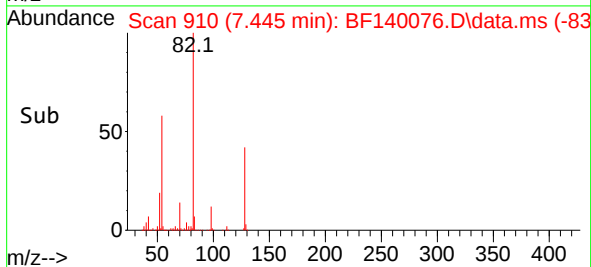
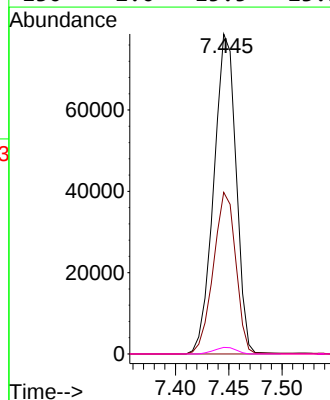
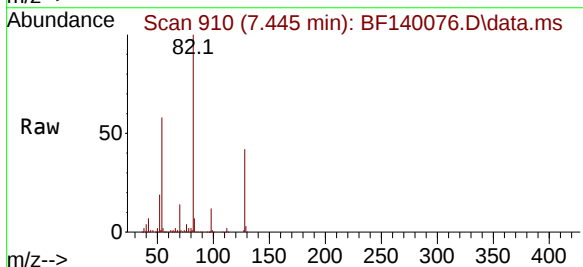
Instrument :
BNA_F
ClientSampleId :
PB164444BL

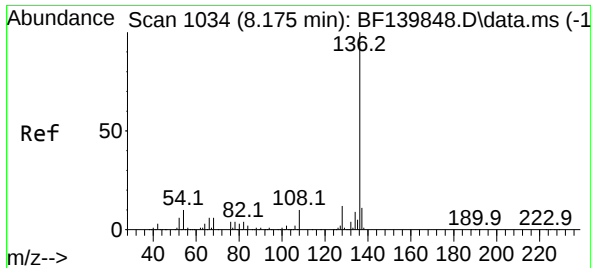
Tgt Ion: 99 Resp: 1244979
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 36.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.249 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion: 70 Resp: 114532
Ion Ratio Lower Upper
70 100
42 50.5 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



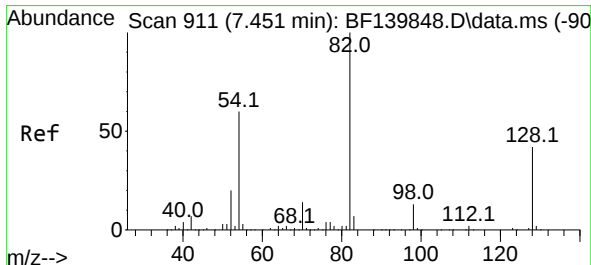
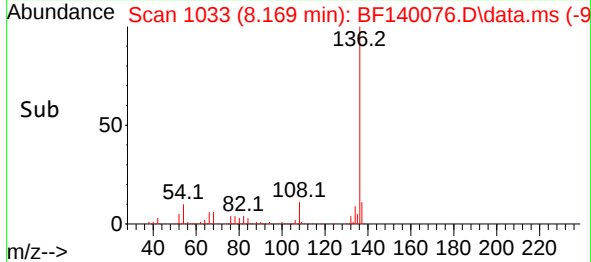
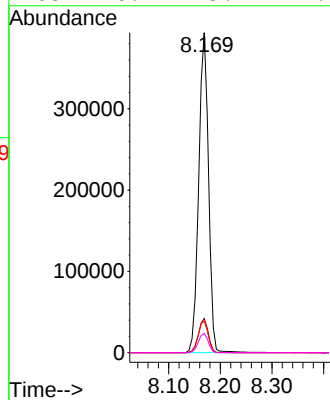
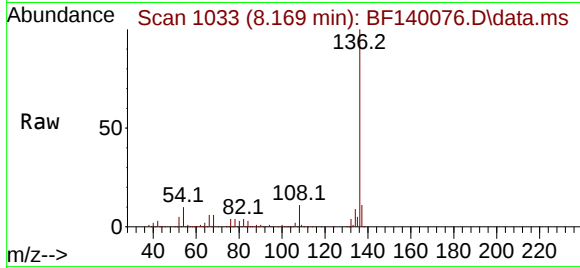


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Instrument :
BNA_F
ClientSampleId :
PB164444BL

Tgt Ion:136 Resp: 518019

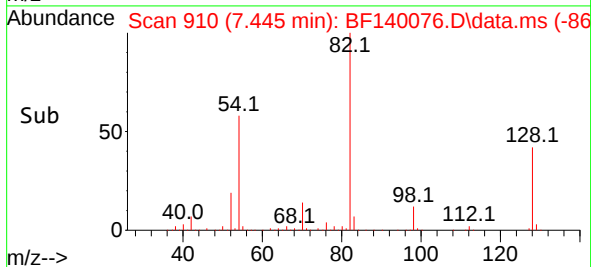
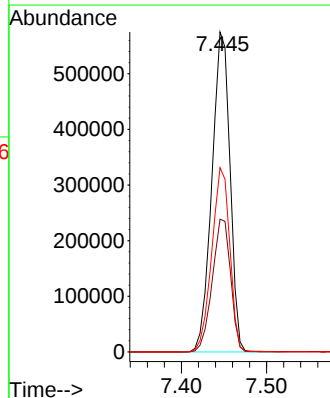
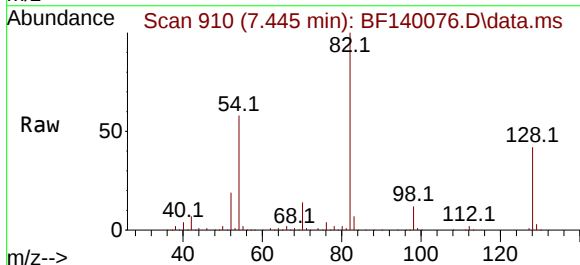
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.0	8.4	12.6
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.938 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion: 82 Resp: 849954

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	57.6	47.8	71.8

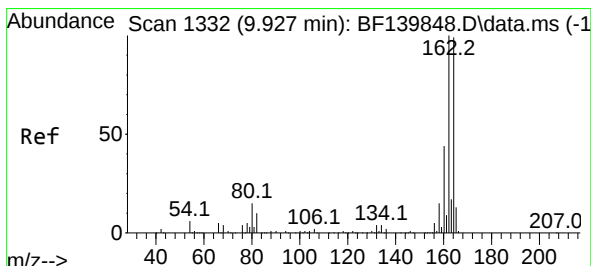
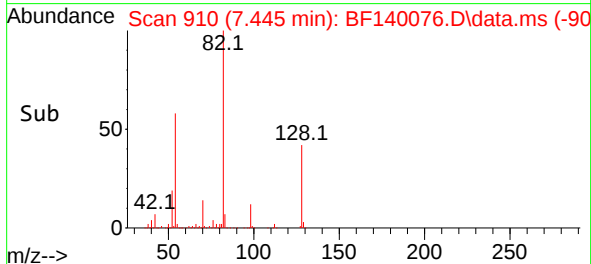
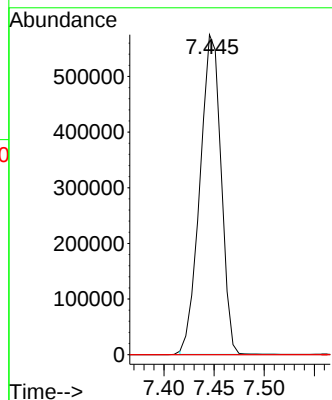
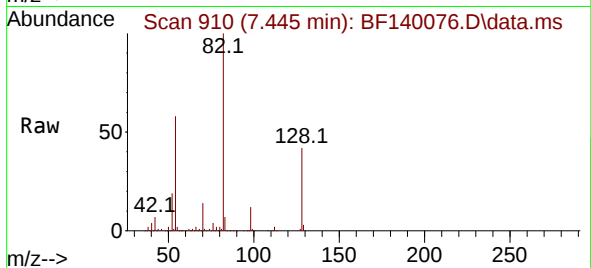




#25
Isophorone
Concen: 47.553 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

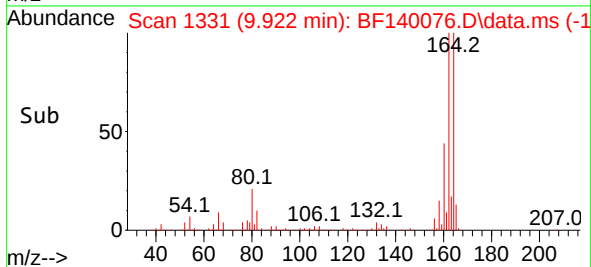
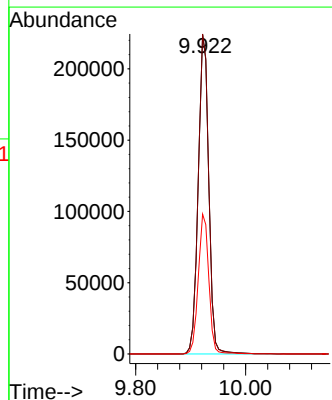
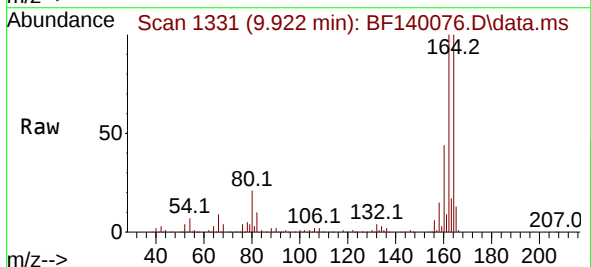
Instrument :
BNA_F
ClientSampleId :
PB164444BL

Tgt Ion: 82 Resp: 843580
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: BF140076.D
Acq: 28 Oct 2024 10:01

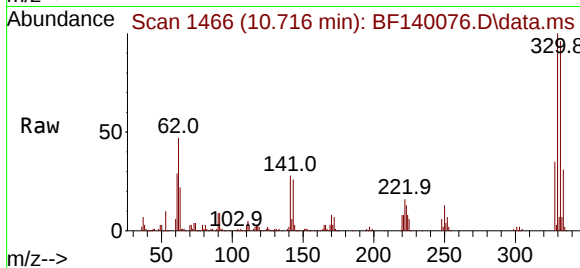
Tgt Ion: 164 Resp: 298114
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 43.8 35.4 53.0



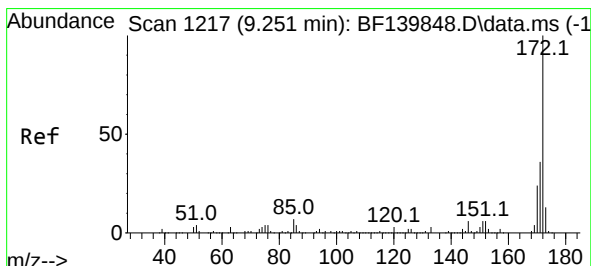
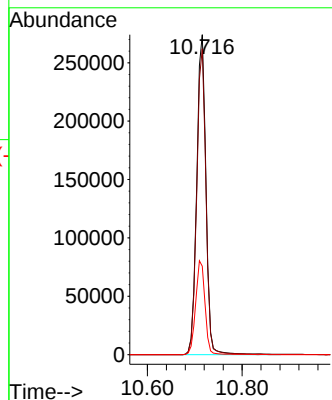
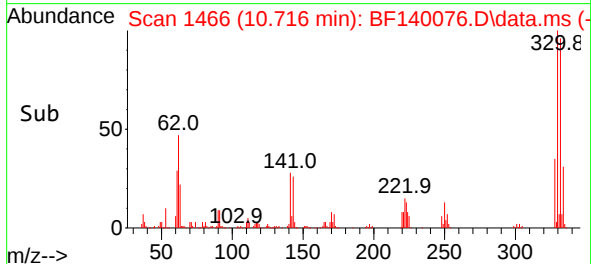


#42
2,4,6-Tribromophenol
Concen: 132.764 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

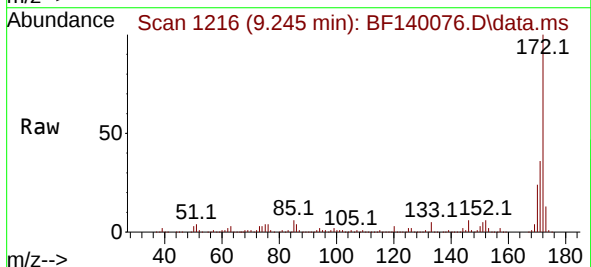
Instrument :
BNA_F
ClientSampleId :
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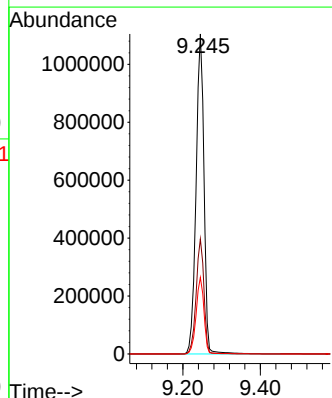
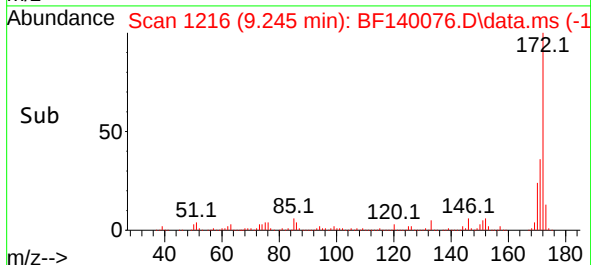
Tgt Ion:330 Resp: 370207
Ion Ratio Lower Upper
330 100
332 95.2 78.1 117.1
141 30.0 26.6 39.8

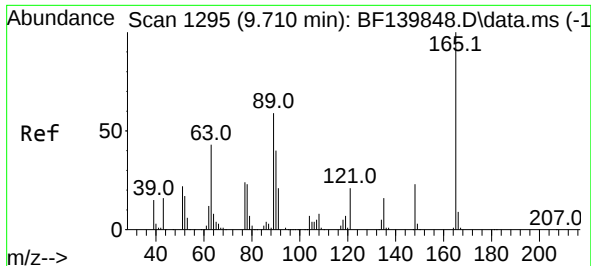


#45
2-Fluorobiphenyl
Concen: 87.121 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01



Tgt Ion:172 Resp: 1571487
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7

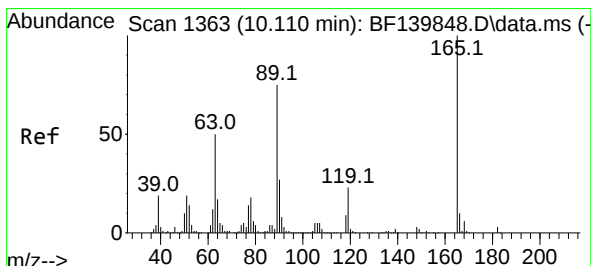
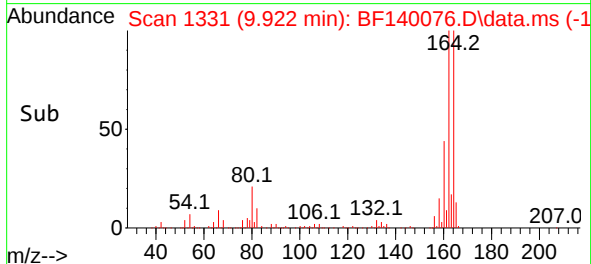
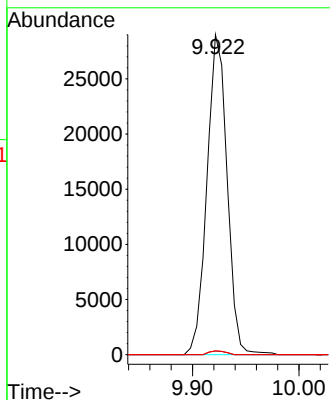
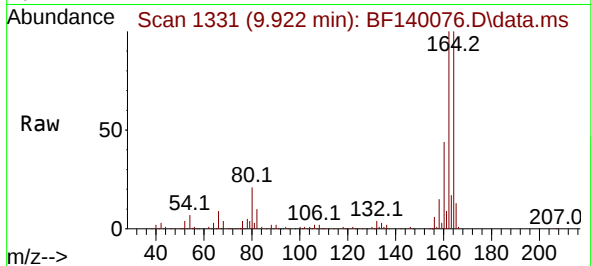




#51
2,6-Dinitrotoluene
Concen: 9.493 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

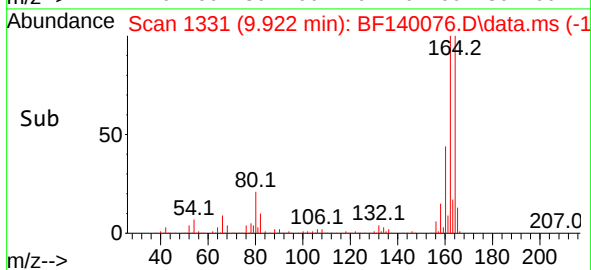
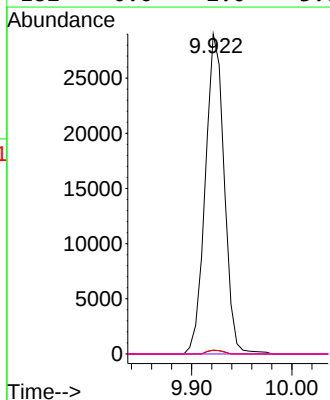
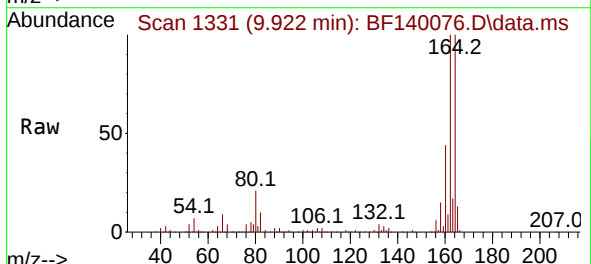
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ClientSampleId :
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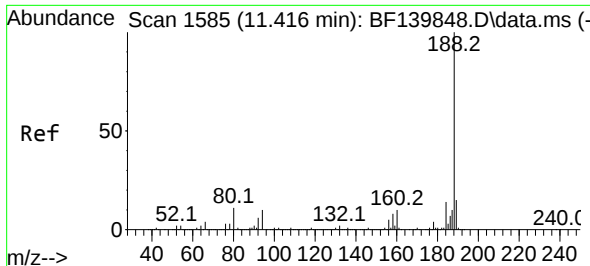
Tgt Ion:165 Resp: 38166
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.719 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion:165 Resp: 38166
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#

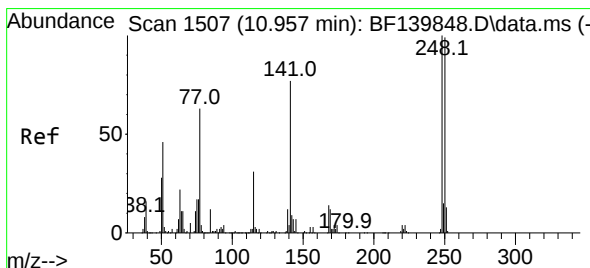
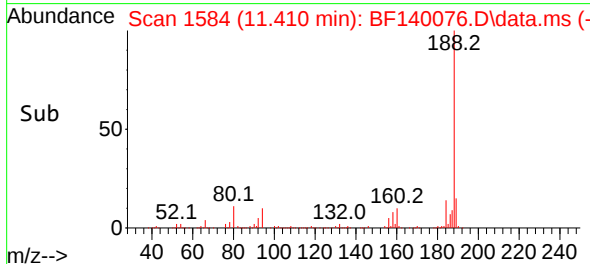
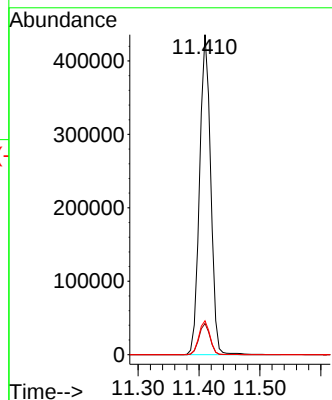
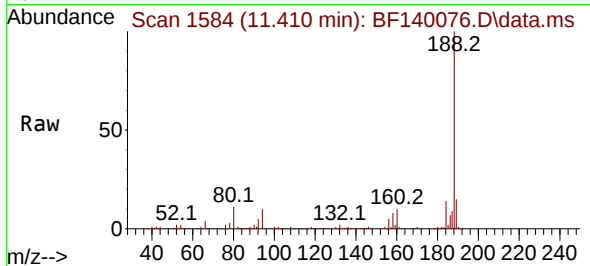




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

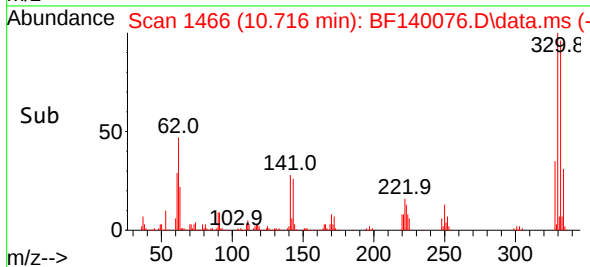
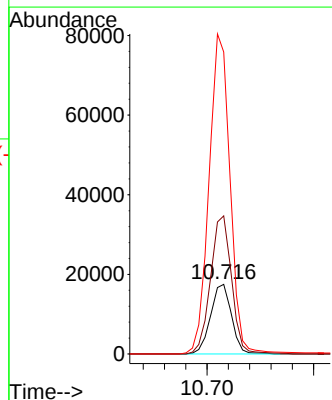
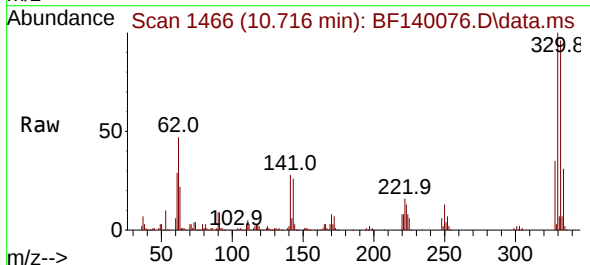
Instrument :
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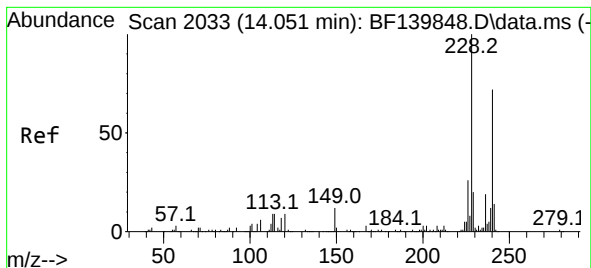
Tgt Ion:188 Resp: 550598
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.6 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.208 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF140076.D
Acq: 28 Oct 2024 10:01

Tgt Ion:248 Resp: 23870
Ion Ratio Lower Upper
248 100
250 198.2 79.0 118.6#
141 433.4 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140076.D

Acq: 28 Oct 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB164444BL

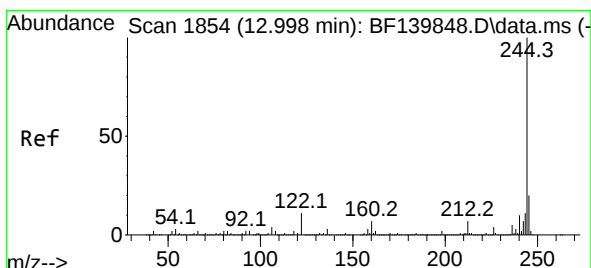
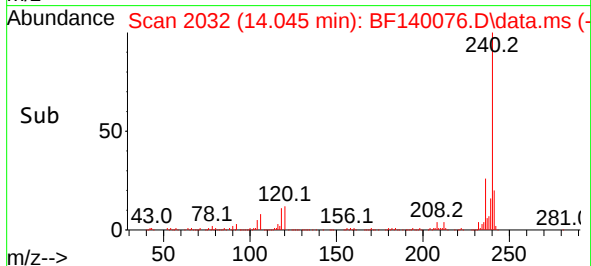
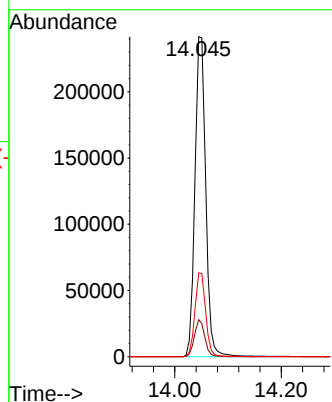
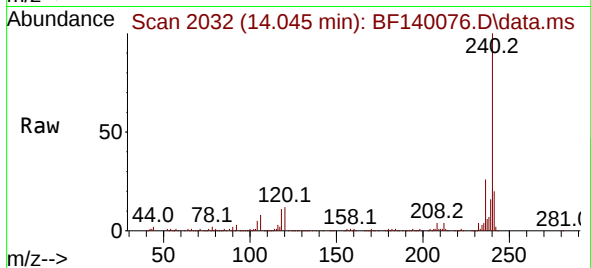
Tgt Ion:240 Resp: 341644

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 89.131 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140076.D

Acq: 28 Oct 2024 10:01

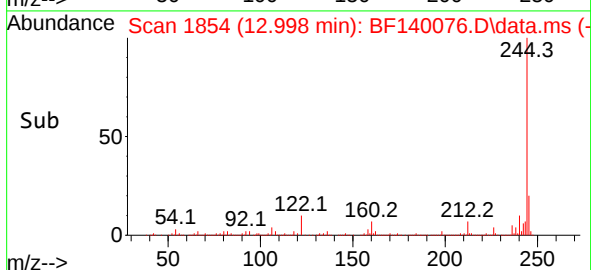
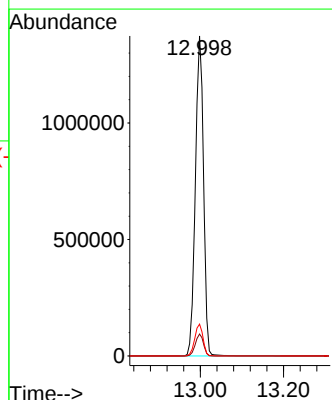
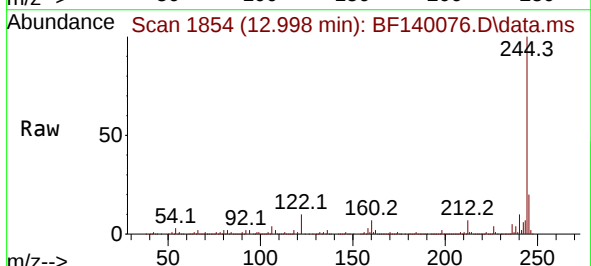
Tgt Ion:244 Resp: 1868766

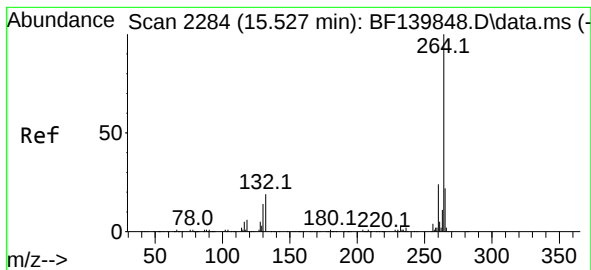
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.0 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: BF140076.D

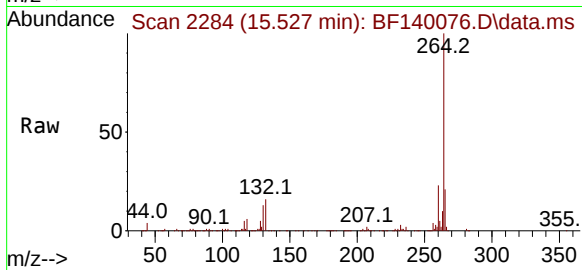
Acq: 28 Oct 2024 10:01

Instrument :

BNA_F

ClientSampleId :

PB164444BL



Tgt Ion:264 Resp: 261224

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.3 17.4 26.0

