

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140131.D
 Acq On : 29 Oct 2024 23:49
 Operator : RC/JU
 Sample : P4594-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 30 01:06:07 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)

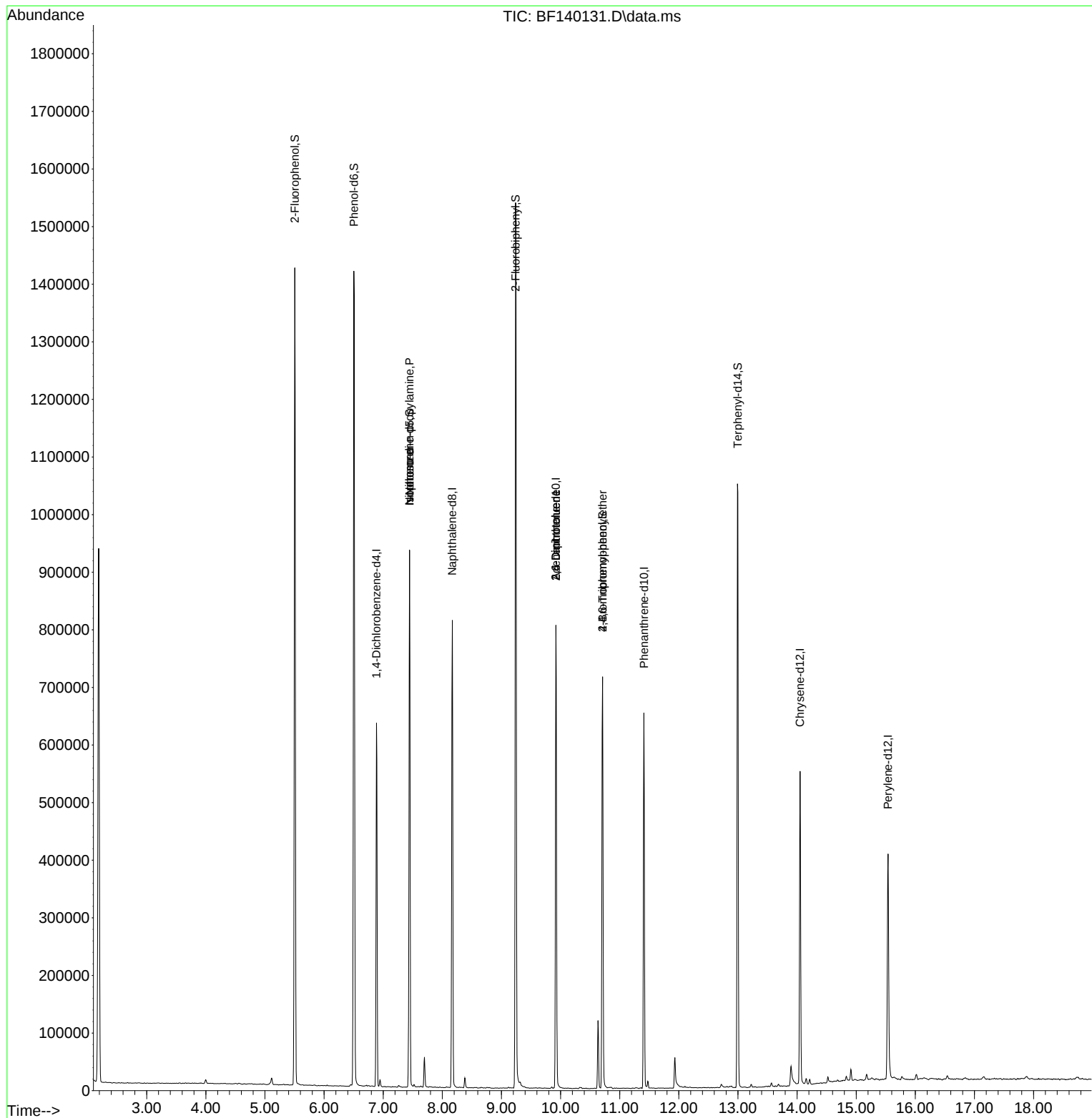
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	125413	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486249	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241517	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338082	20.000	ng	0.00
76) Chrysene-d12	14.051	240	258017	20.000	ng	0.00
86) Perylene-d12	15.539	264	243228	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	499768	62.384	ng	0.00
7) Phenol-d6	6.504	99	657607	63.380	ng	0.00
23) Nitrobenzene-d5	7.445	82	400999	45.707	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	116991	51.787	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	717752	49.116	ng	-0.01
79) Terphenyl-d14	12.998	244	535821	33.839	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	52973	8.418	ng	# 78
25) Isophorone	7.445	82	397454	23.869	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	31024	9.525	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	31026	7.746	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	7592	2.180	ng	# 1

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

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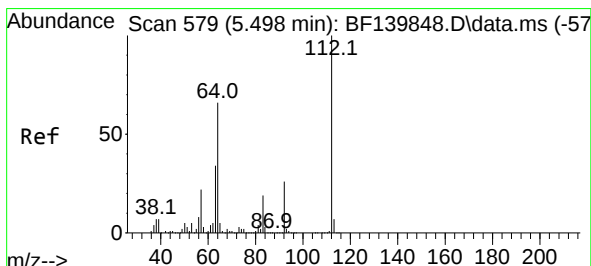
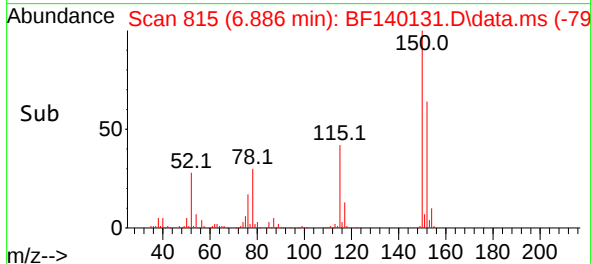
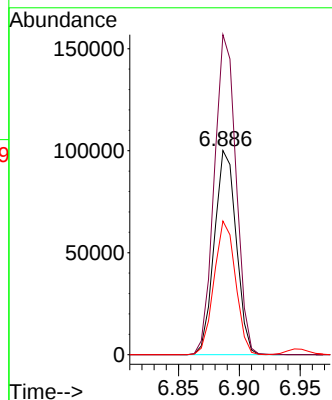
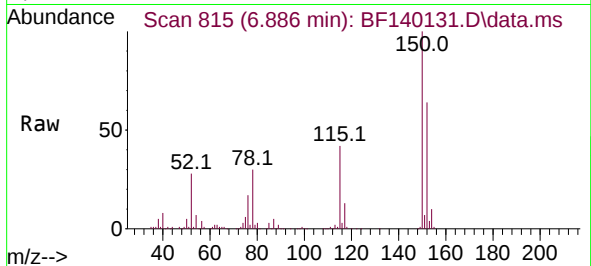




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

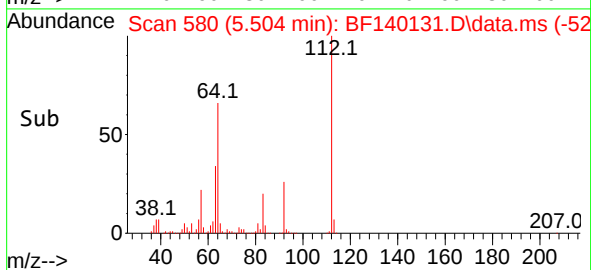
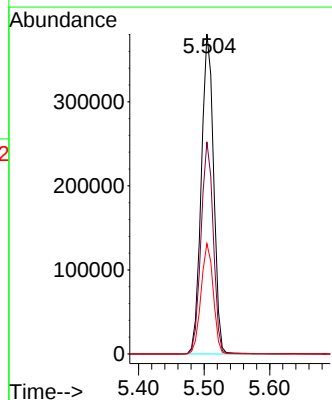
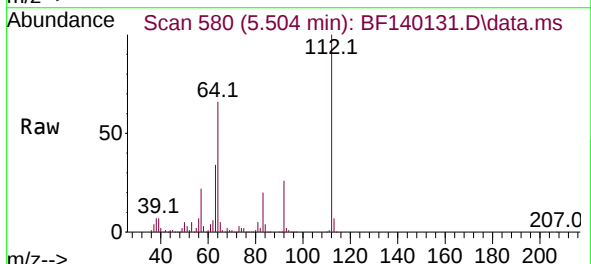
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 125413
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 65.4 51.4 77.2



#5
2-Fluorophenol
Concen: 62.384 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion:112 Resp: 499768
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 34.5 27.0 40.4

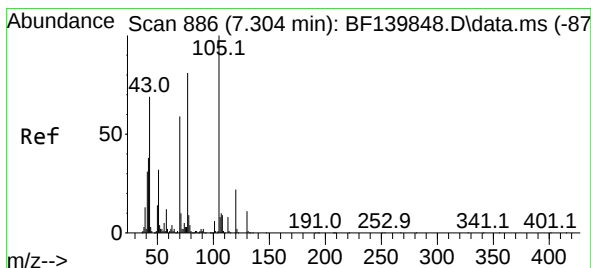
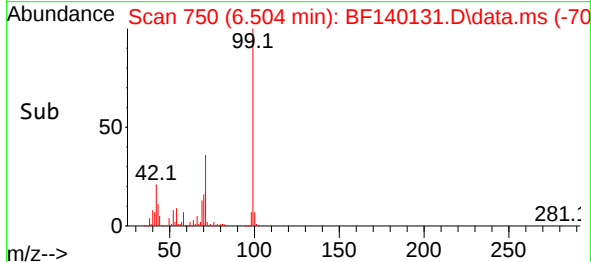
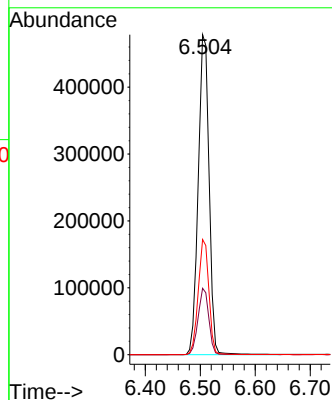
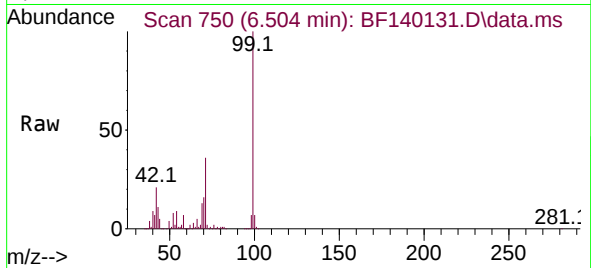




#7
Phenol-d6
Concen: 63.380 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

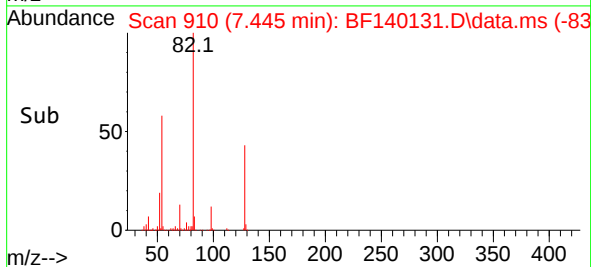
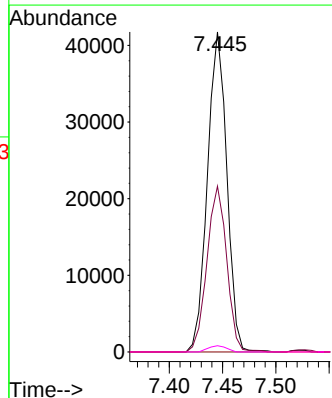
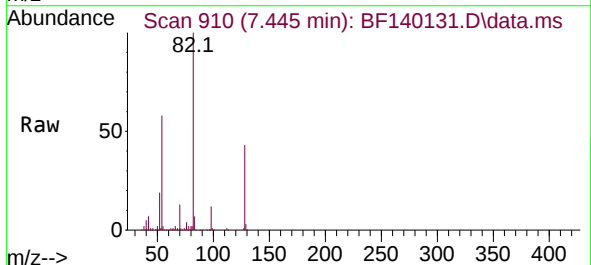
Instrument :
BNA_F
ClientSampleId :
TP-5

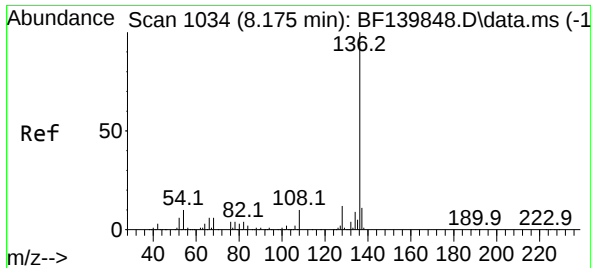
Tgt Ion:	99	Resp:	657607
Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.7	25.1
71	36.0	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.418 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion:	70	Resp:	52973
Ion	Ratio	Lower	Upper
70	100		
42	51.8	51.5	77.3
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



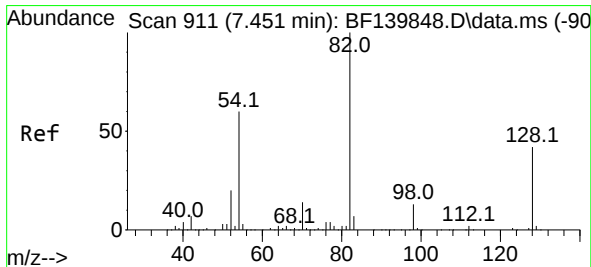
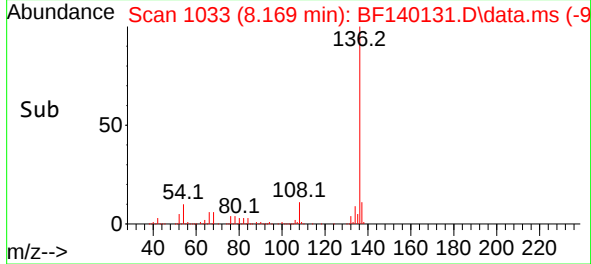
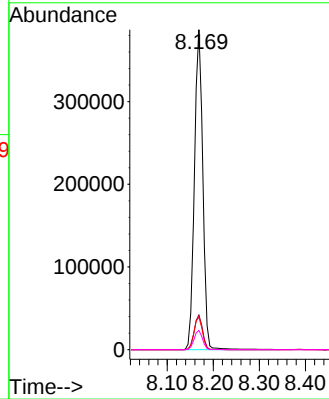
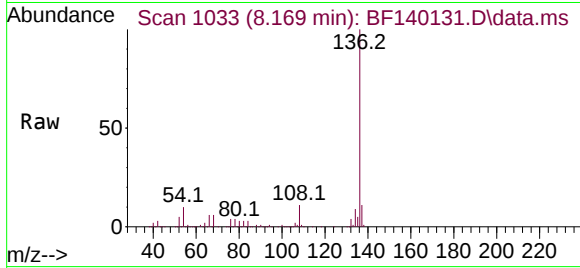


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:136 Resp: 486249

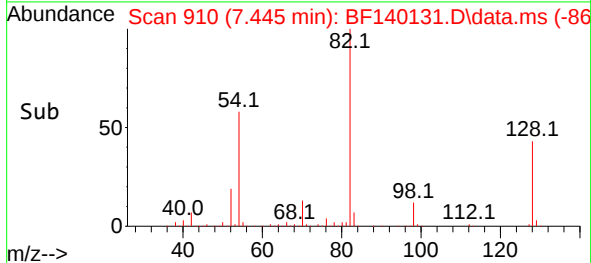
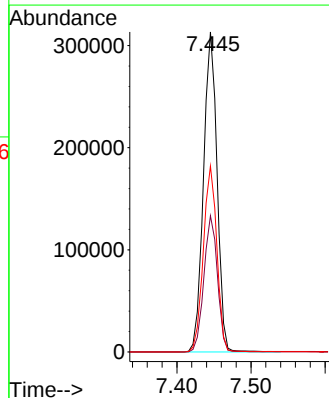
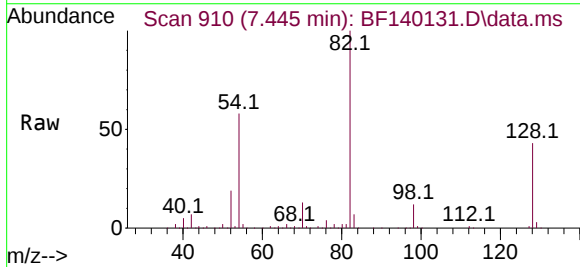
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.2	8.4	12.6
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 45.707 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion: 82 Resp: 400999

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.0
54	58.1	47.8	71.8

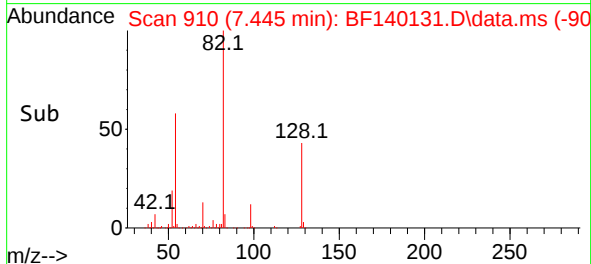
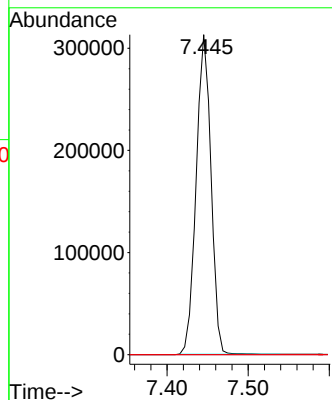
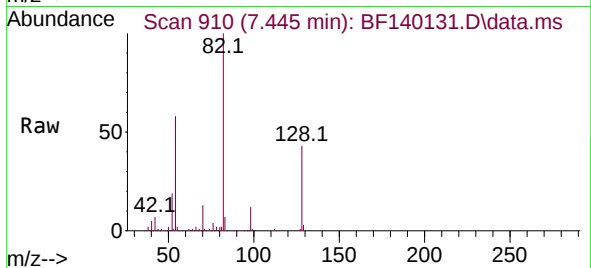




#25
Isophorone
Concen: 23.869 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

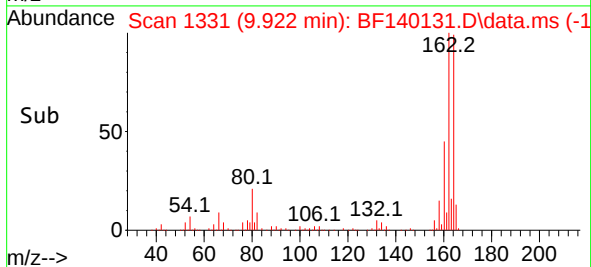
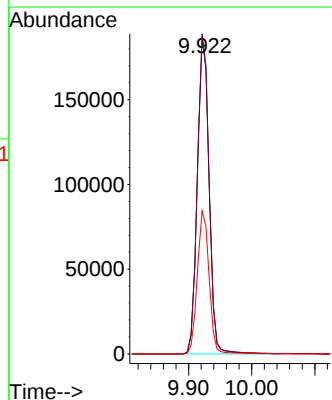
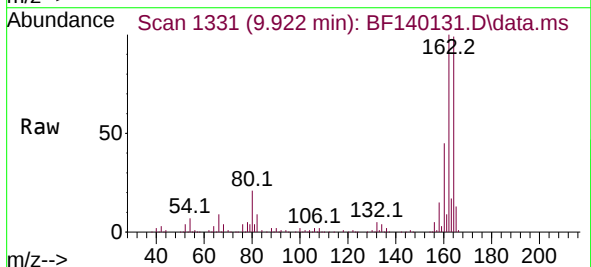
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 397454
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: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion: 164 Resp: 241517
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 51.787 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

Instrument :

BNA_F

ClientSampleId :

TP-5

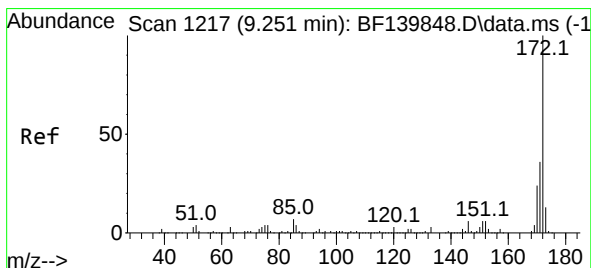
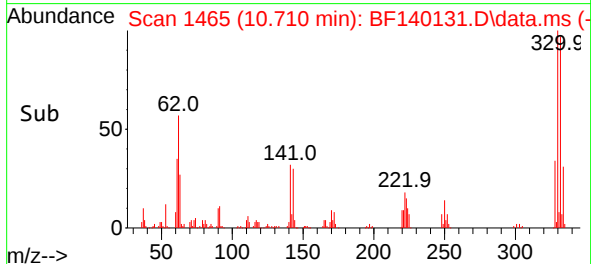
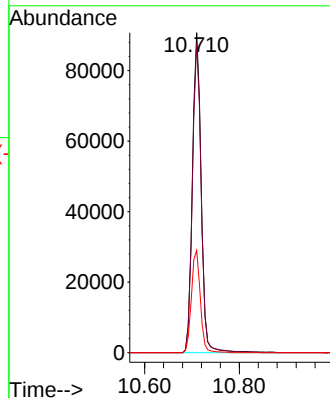
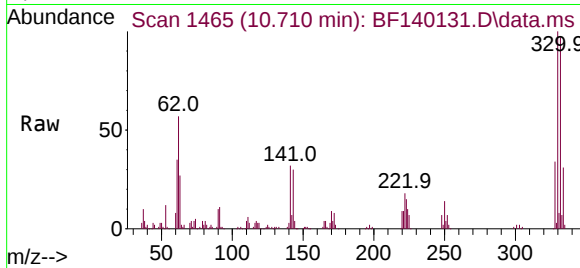
Tgt Ion:330 Resp: 116991

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 49.116 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

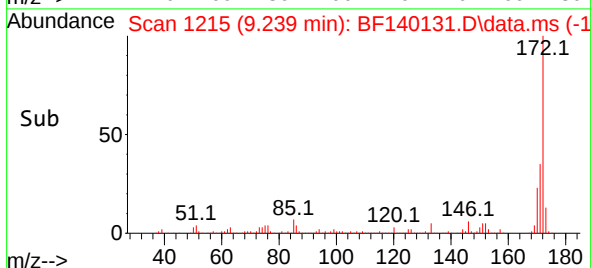
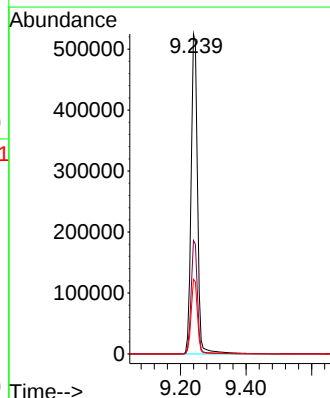
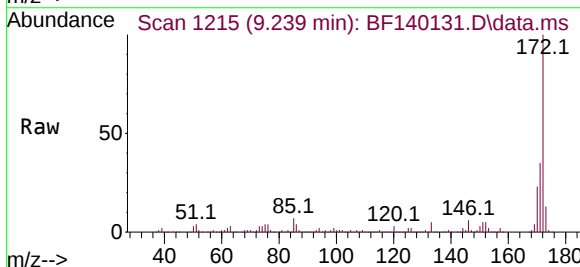
Tgt Ion:172 Resp: 717752

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.4 19.1 28.7

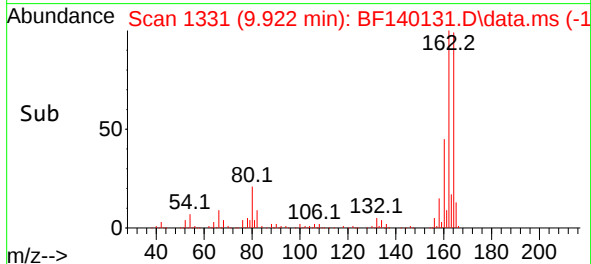
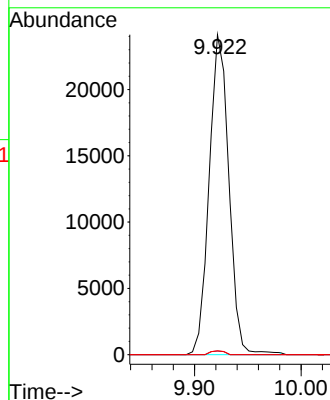
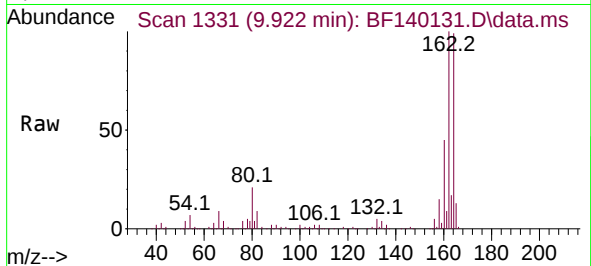




#51
2,6-Dinitrotoluene
Concen: 9.525 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

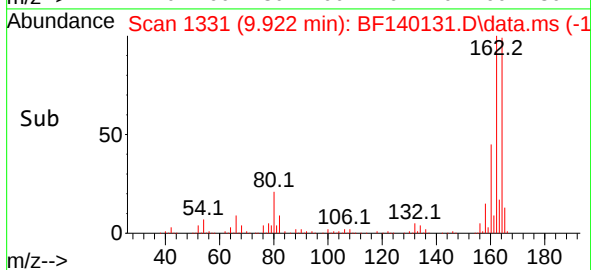
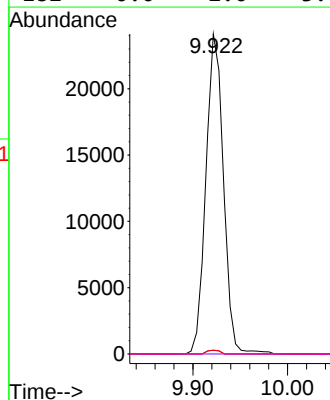
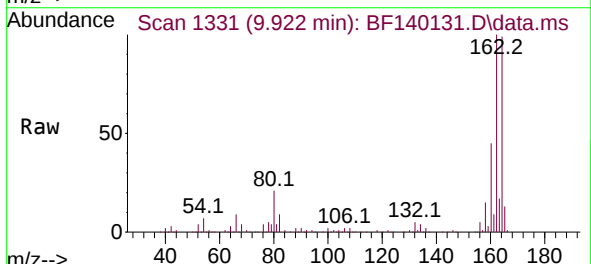
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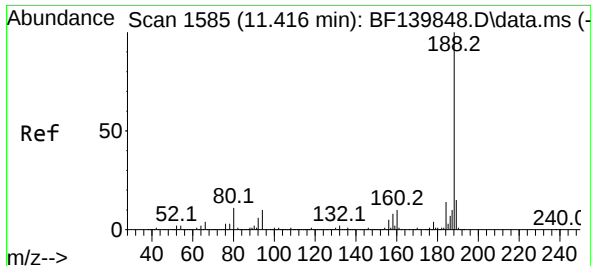
Tgt Ion:165 Resp: 31024
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.746 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion:165 Resp: 31026
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#

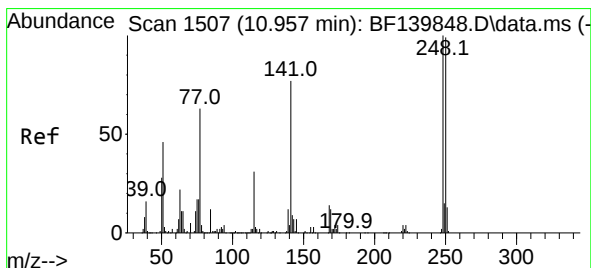
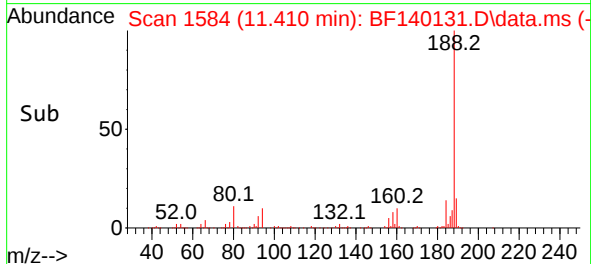
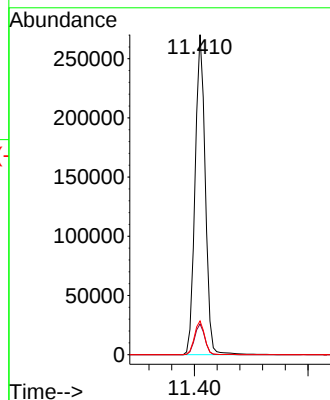
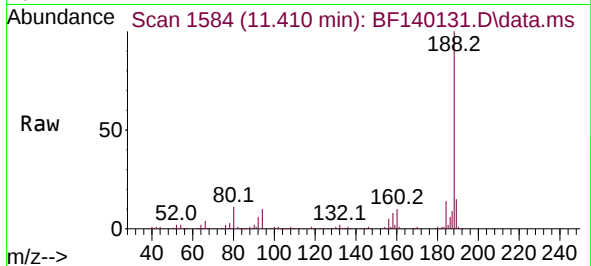




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

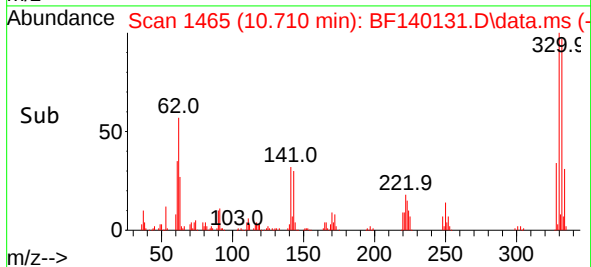
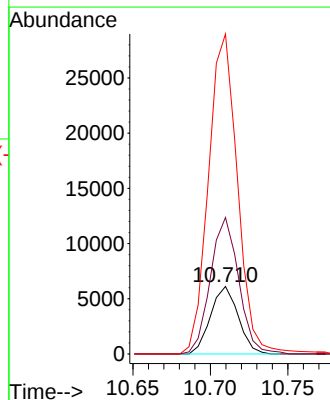
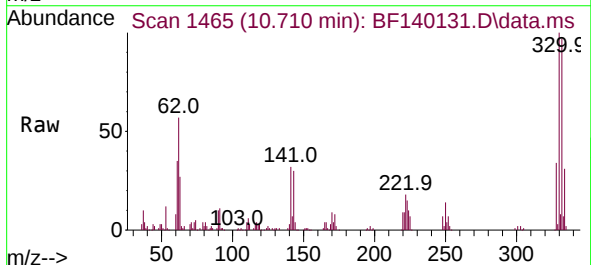
Instrument :
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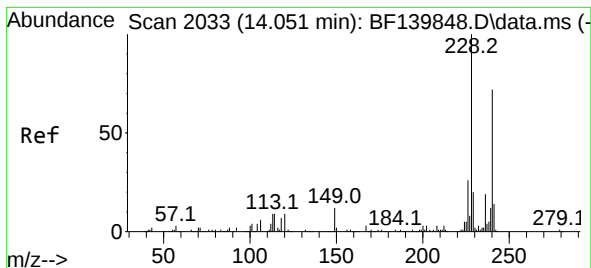
Tgt Ion:188 Resp: 338082
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.5 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 2.180 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Tgt Ion:248 Resp: 7592
Ion Ratio Lower Upper
248 100
250 202.2 79.0 118.6#
141 474.0 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: BF140131.D

Acq: 29 Oct 2024 23:49

Instrument :

BNA_F

ClientSampleId :

TP-5

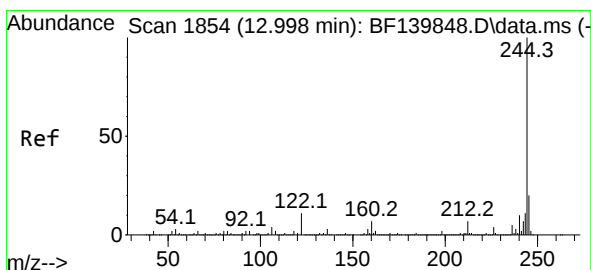
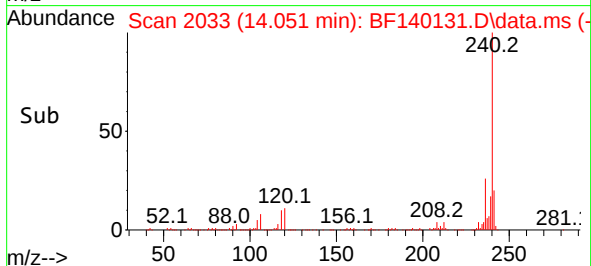
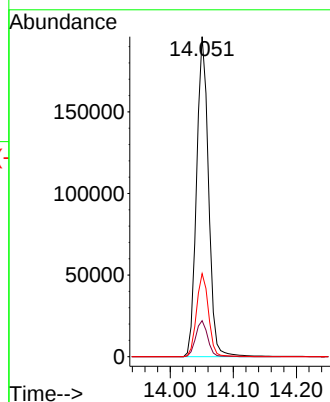
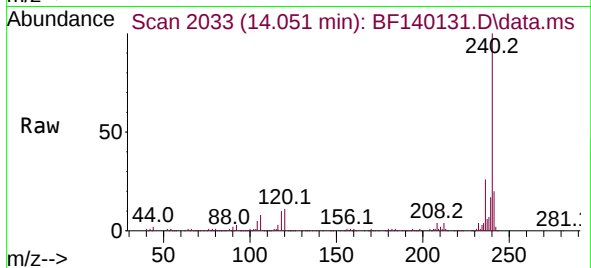
Tgt Ion:240 Resp: 258017

Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 33.839 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF140131.D

Acq: 29 Oct 2024 23:49

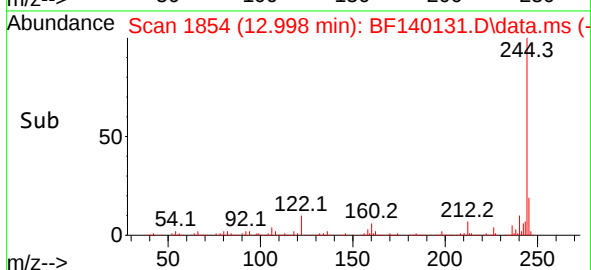
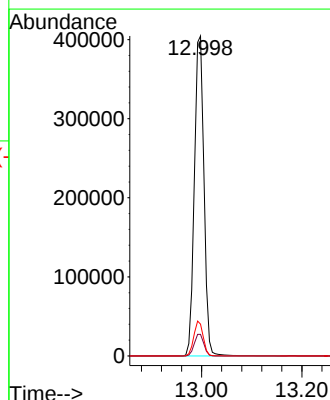
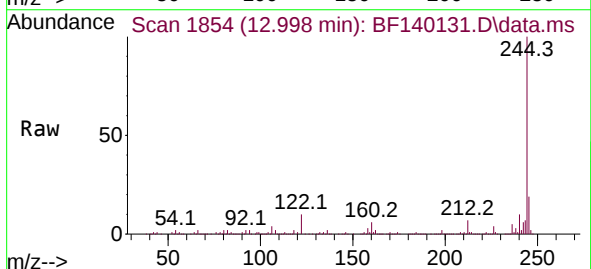
Tgt Ion:244 Resp: 535821

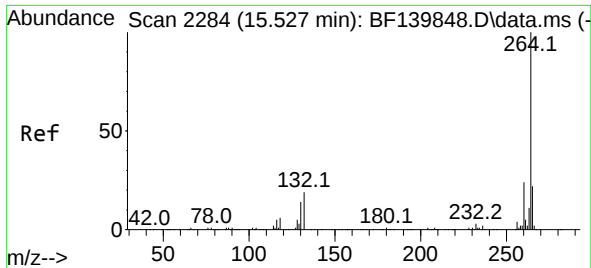
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140131.D
Acq: 29 Oct 2024 23:49

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:264 Resp: 243228

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.2	17.4	26.0

