

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140101.D
 Acq On : 29 Oct 2024 10:05
 Operator : RC/JU
 Sample : PB164461BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164461BL

Quant Time: Oct 29 11:31:56 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)

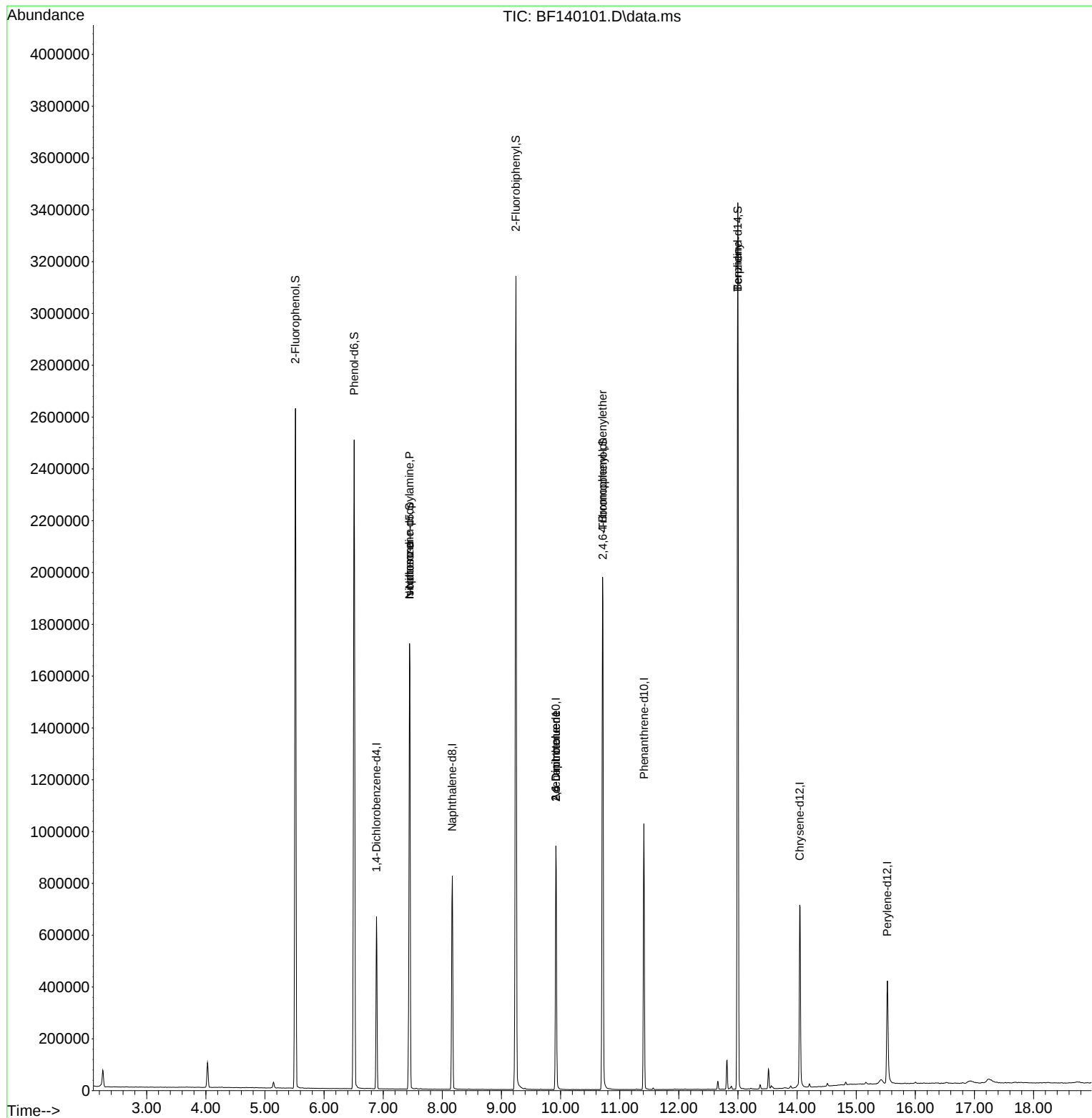
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132334	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	522078	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	293840	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	532374	20.000	ng	0.00
76) Chrysene-d12	14.045	240	353787	20.000	ng	0.00
86) Perylene-d12	15.527	264	265432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1005416	118.939	ng	0.02
7) Phenol-d6	6.510	99	1269087	115.917	ng	0.00
23) Nitrobenzene-d5	7.445	82	844513	89.653	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	371294	135.090	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1529595	86.032	ng	0.00
79) Terphenyl-d14	12.998	244	1772789	81.652	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	113994	17.168	ng	# 77
25) Isophorone	7.445	82	838538	46.901	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	38739	9.775	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	38740	7.949	ng	# 21
67) 4-Bromophenyl-phenylether	10.710	248	23690	4.319	ng	# 1
77) Benzidine	12.998	184	22023	3.786	ng	# 93

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

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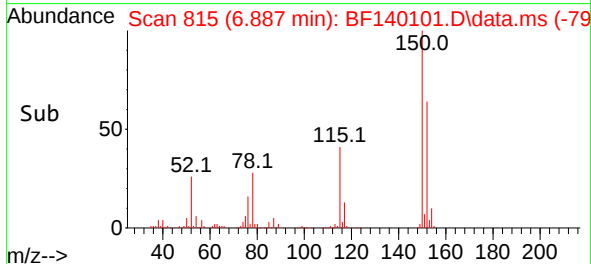
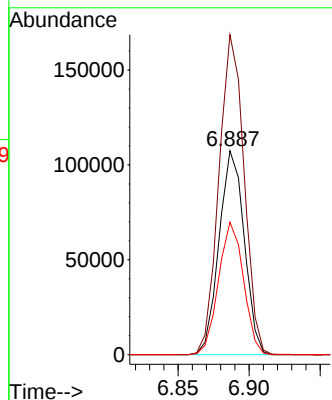
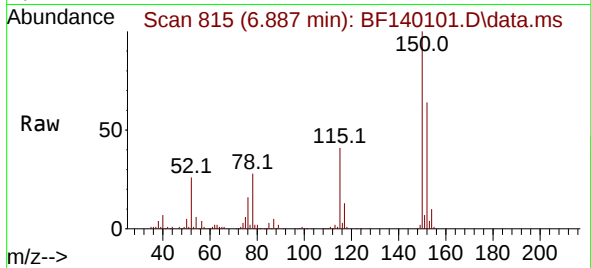




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

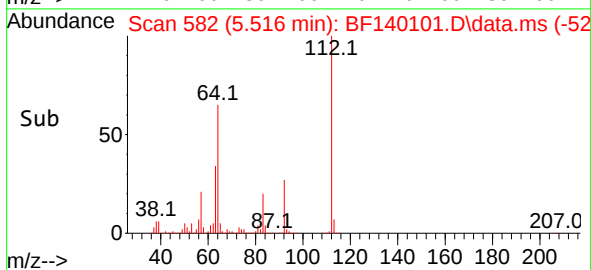
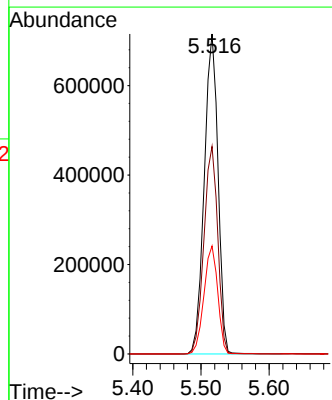
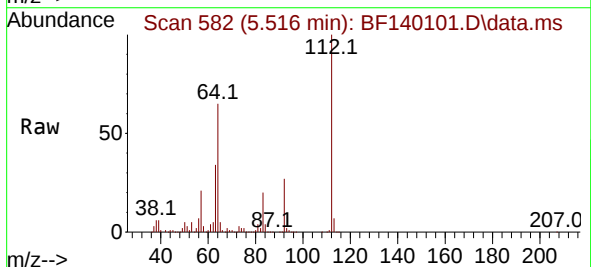
Instrument :
BNA_F
ClientSampleId :
PB164461BL

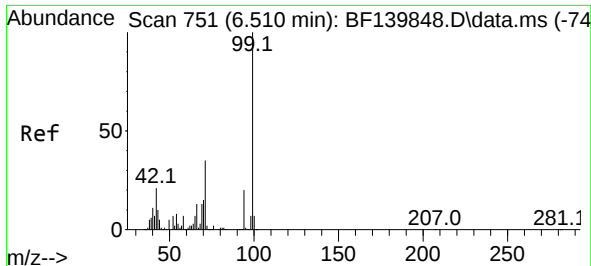
Tgt Ion:152 Resp: 132334
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 65.0 51.4 77.2



#5
2-Fluorophenol
Concen: 118.939 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion:112 Resp: 1005416
Ion Ratio Lower Upper
112 100
64 64.9 53.0 79.6
63 33.7 27.0 40.4



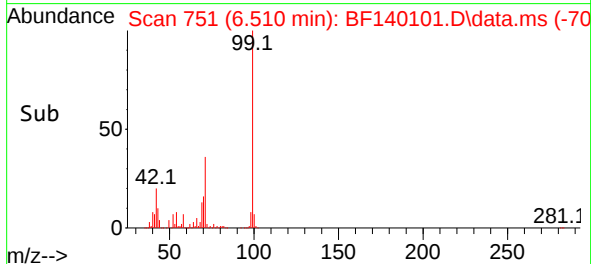
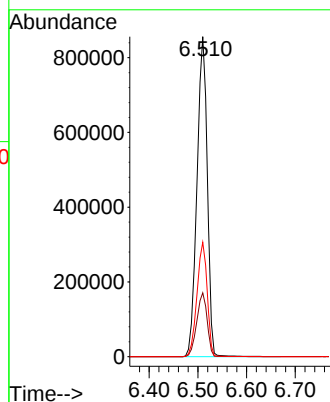
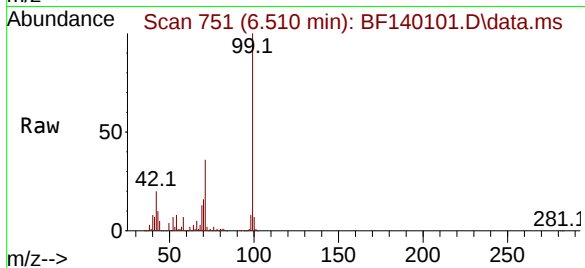


#7
Phenol-d6
Concen: 115.917 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB164461BL

Tgt Ion: 99 Resp: 1269087

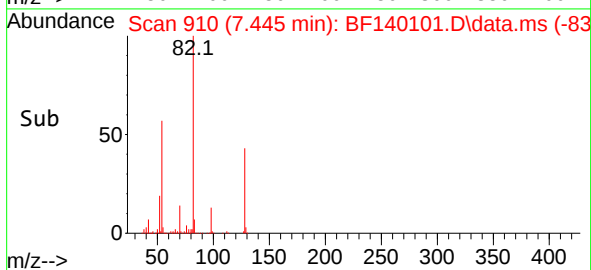
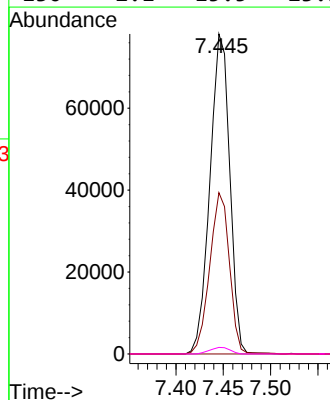
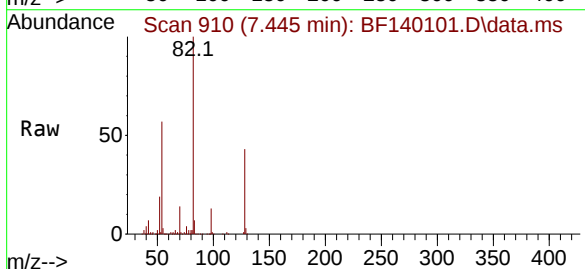
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.7	25.1
71	35.7	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.168 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion: 70 Resp: 113994

Ion	Ratio	Lower	Upper
70	100		
42	50.4	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	15.5	23.3#



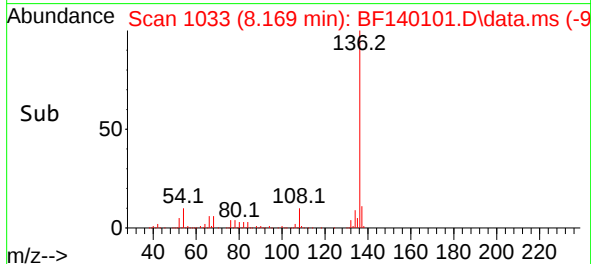
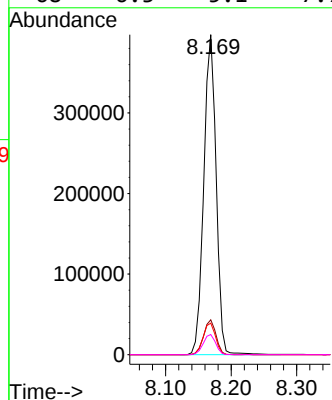
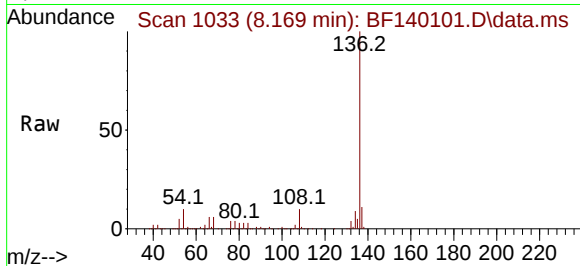


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB164461BL

Tgt Ion:136 Resp: 522078

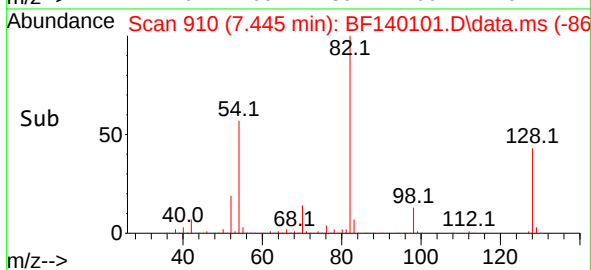
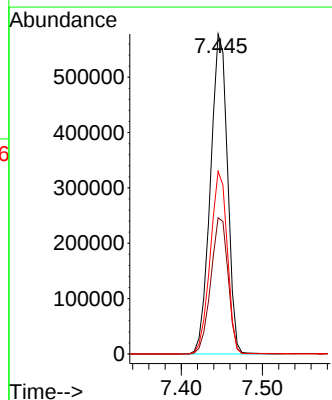
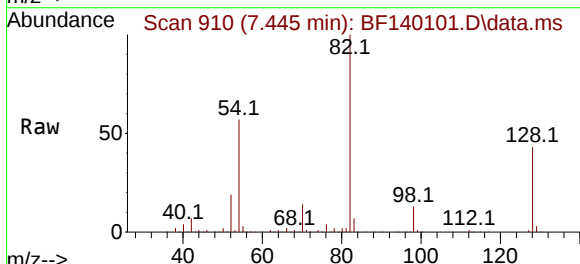
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 89.653 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion: 82 Resp: 844513

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	57.0	47.8	71.8

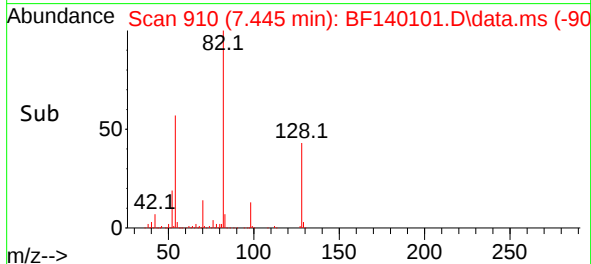
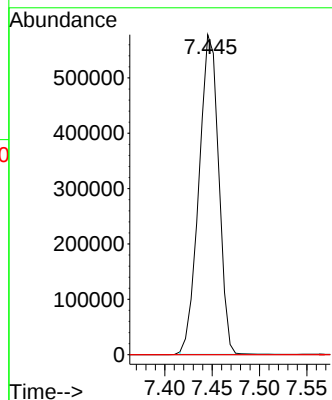
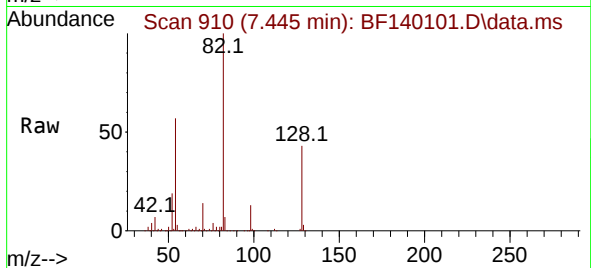




#25
Isophorone
Concen: 46.901 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

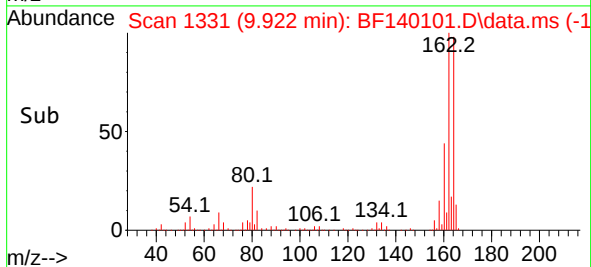
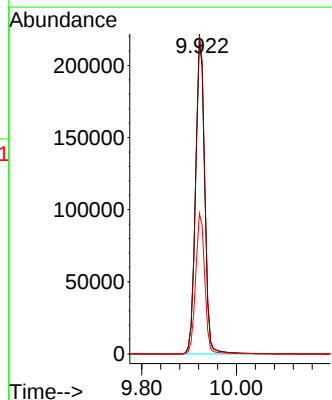
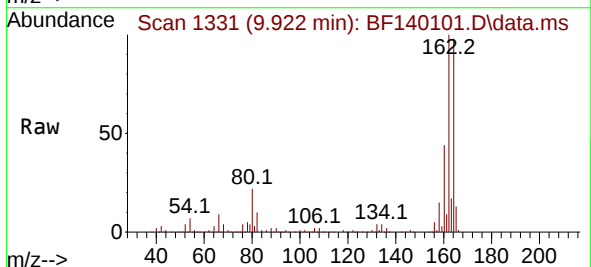
Instrument :
BNA_F
ClientSampleId :
PB164461BL

Tgt Ion: 82 Resp: 838538
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: BF140101.D
Acq: 29 Oct 2024 10:05

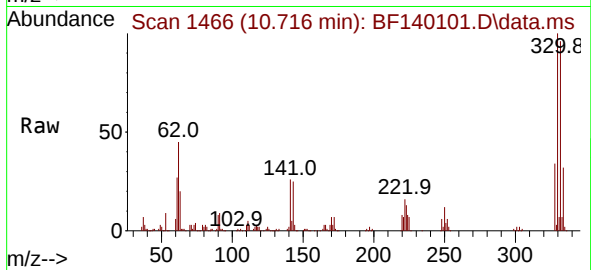
Tgt Ion: 164 Resp: 293840
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 44.7 35.4 53.0



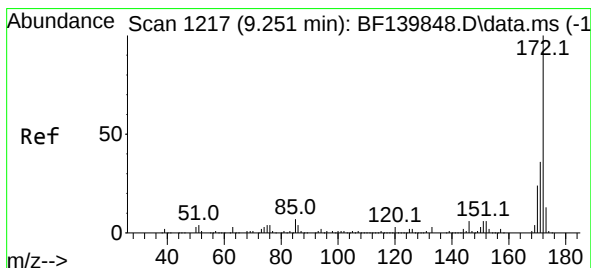
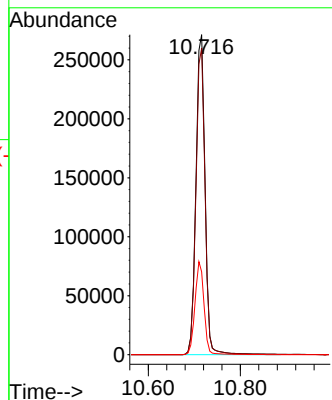
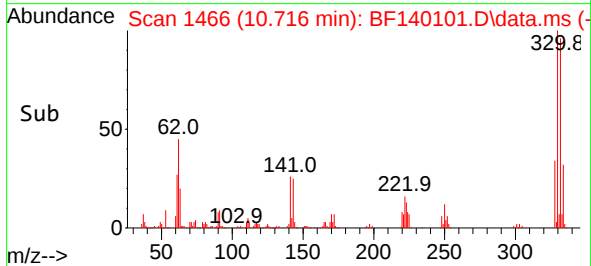


#42
2,4,6-Tribromophenol
Concen: 135.090 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Instrument :
BNA_F
ClientSampleId :
PB164461BL

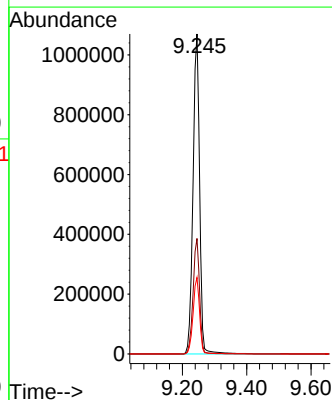
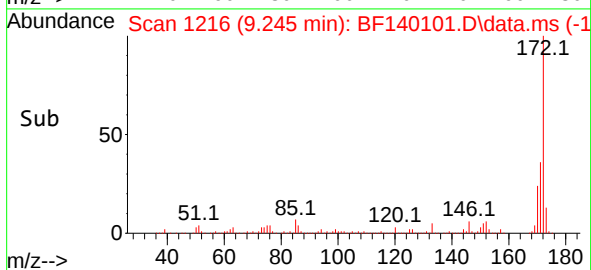
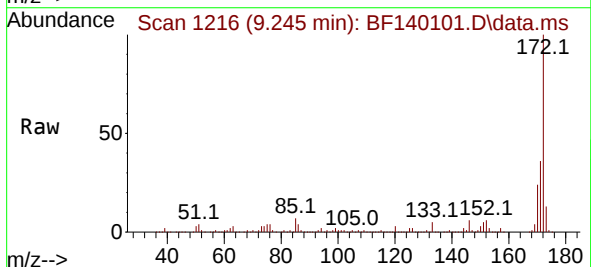


Tgt Ion:330 Resp: 371294
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 29.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 86.032 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion:172 Resp: 1529595
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 19.1 28.7

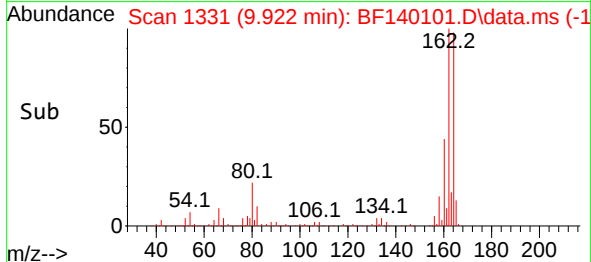
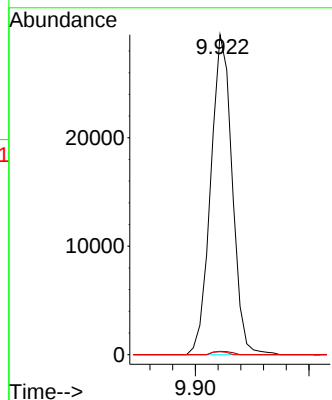
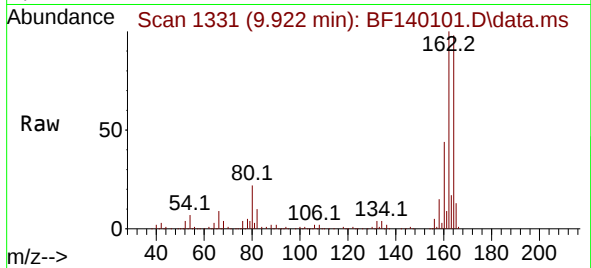




#51
2,6-Dinitrotoluene
Concen: 9.775 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

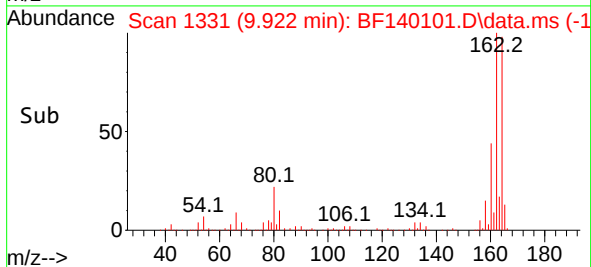
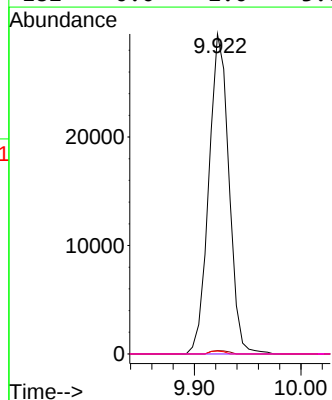
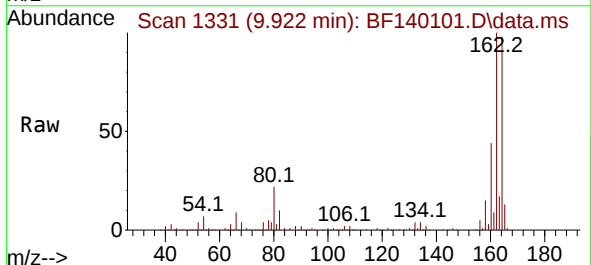
Instrument :
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ClientSampleId :
PB164461BL

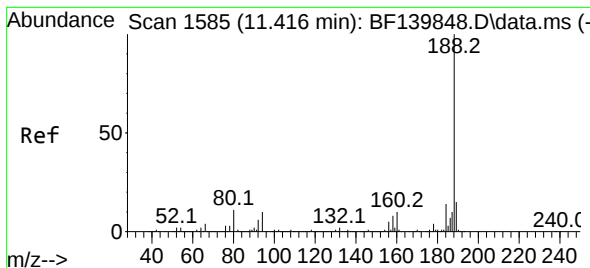
Tgt Ion:165 Resp: 38739
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 0.9 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.949 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion:165 Resp: 38740
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 0.9 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: BF140101.D

Acq: 29 Oct 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB164461BL

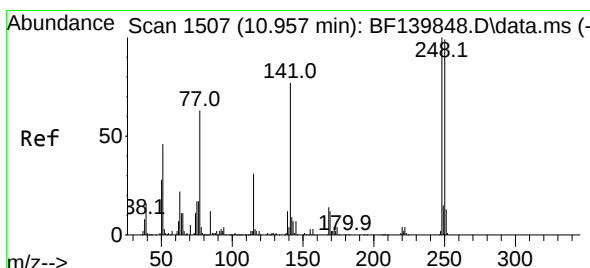
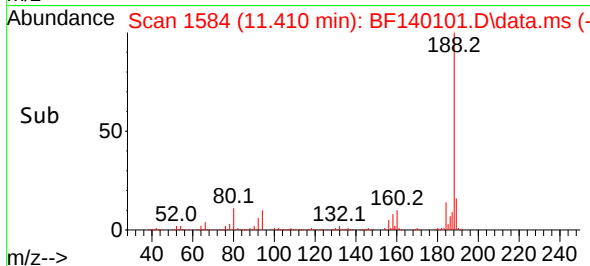
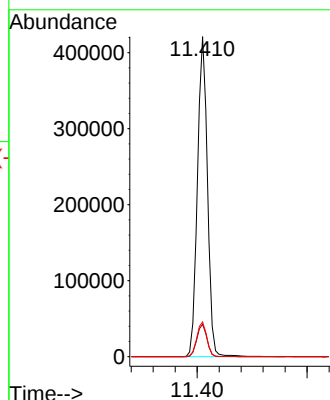
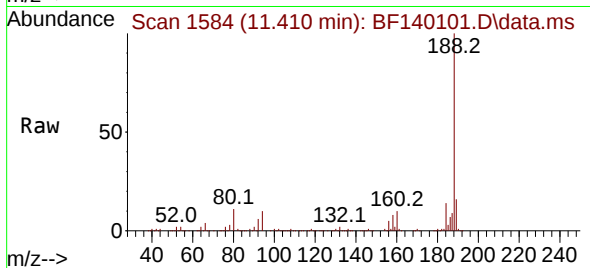
Tgt Ion:188 Resp: 532374

Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.319 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF140101.D

Acq: 29 Oct 2024 10:05

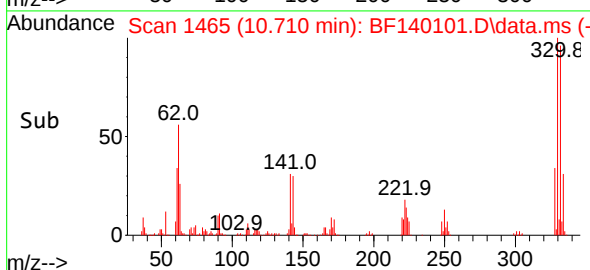
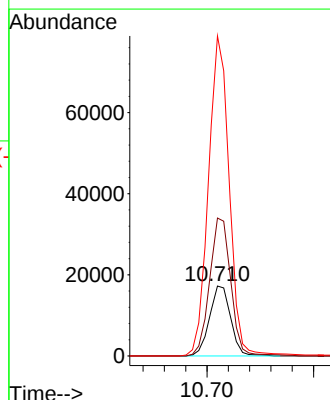
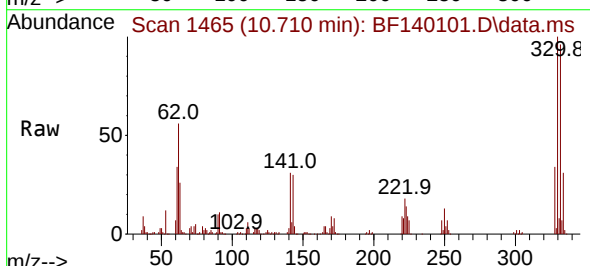
Tgt Ion:248 Resp: 23690

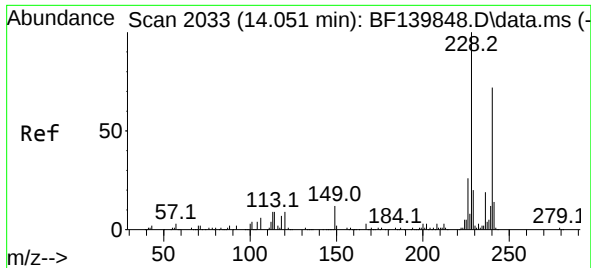
Ion Ratio Lower Upper

248 100

250 197.5 79.0 118.6#

141 458.1 61.7 92.5#

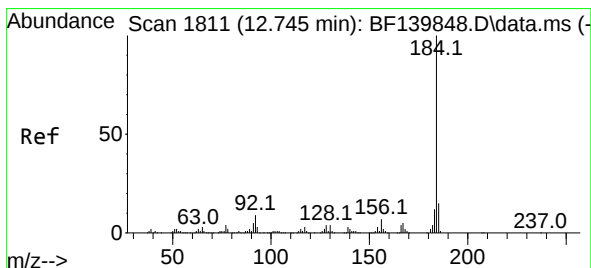
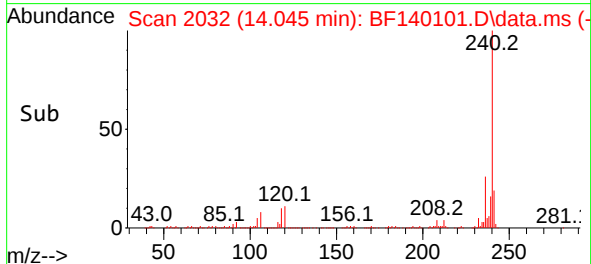
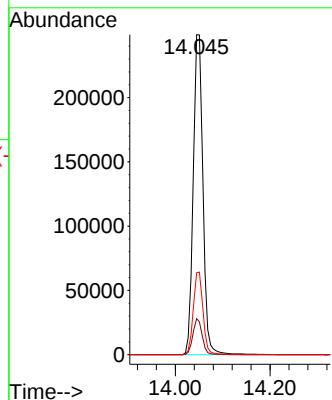
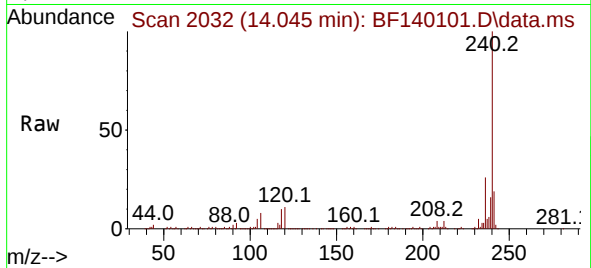




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

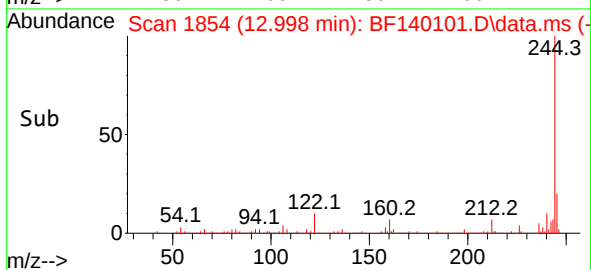
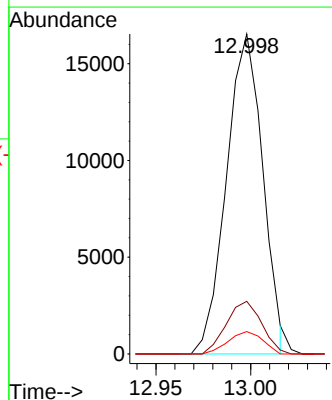
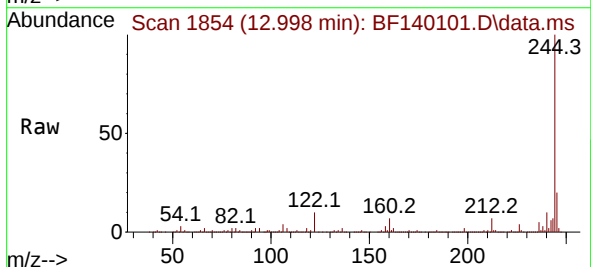
Instrument :
BNA_F
ClientSampleId :
PB164461BL

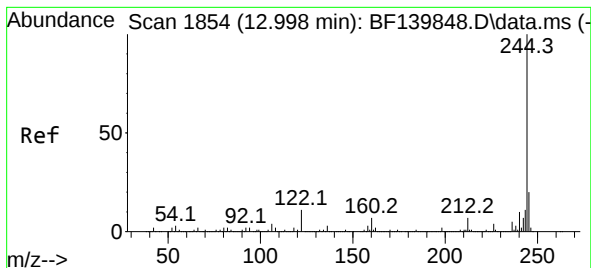
Tgt Ion:240 Resp: 353787
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.7 20.9 31.3



#77
Benzidine
Concen: 3.786 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140101.D
Acq: 29 Oct 2024 10:05

Tgt Ion:184 Resp: 22023
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 7.0 9.4 14.2#





#79

Terphenyl-d14

Concen: 81.652 ng

RT: 12.998 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140101.D

Acq: 29 Oct 2024 10:05

Instrument :

BNA_F

ClientSampleId :

PB164461BL

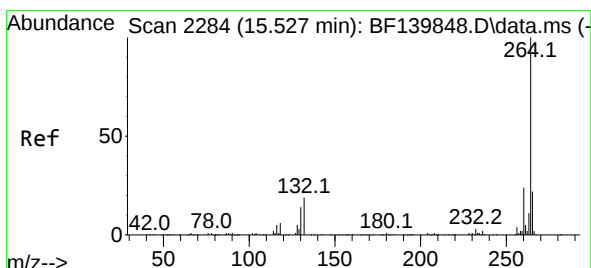
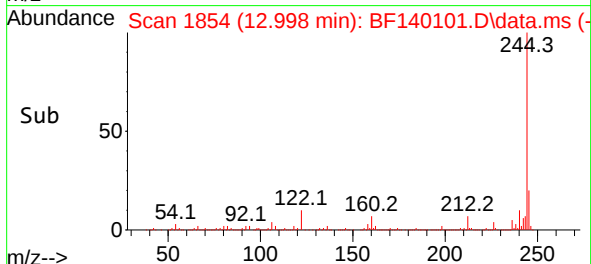
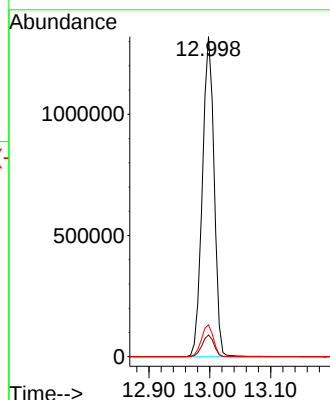
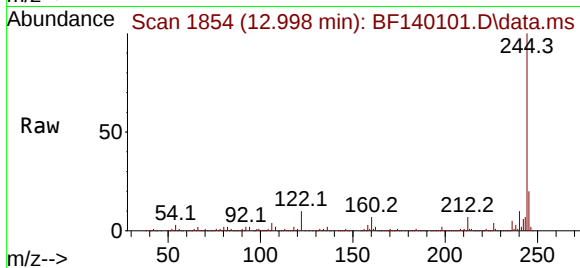
Tgt Ion:244 Resp: 1772789

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# 2284

Delta R.T. 0.000 min

Lab File: BF140101.D

Acq: 29 Oct 2024 10:05

Tgt Ion:264 Resp: 265432

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 17.4 26.0

