

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137931.D
 Acq On : 17 May 2024 14:51
 Operator : CG\JU
 Sample : P2482-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-229

Quant Time: May 17 15:31:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

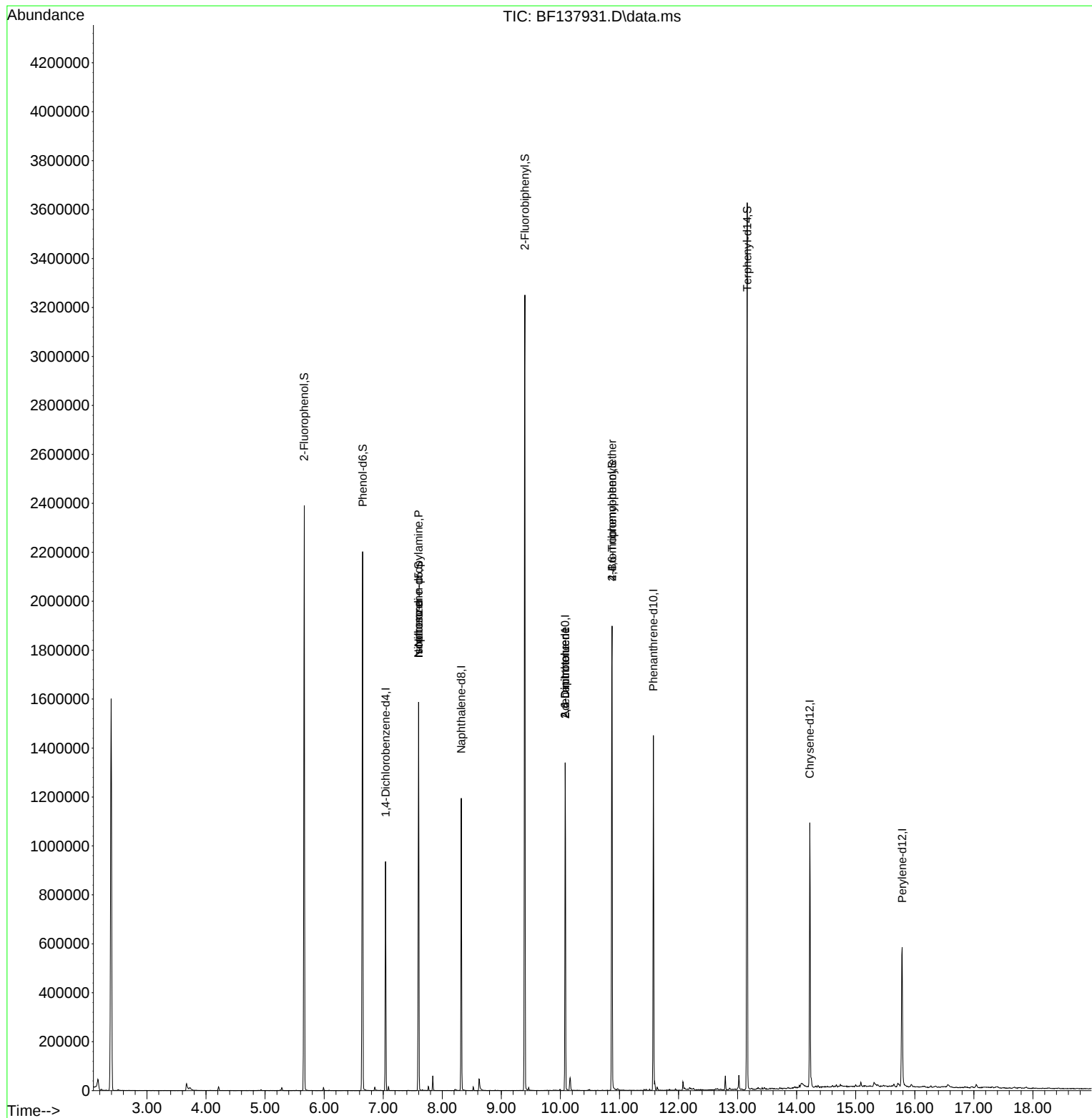
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	121343	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	475009	20.000	ng	0.00
39) Acenaphthene-d10	10.081	164	272303	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	490789	20.000	ng	0.00
76) Chrysene-d12	14.221	240	347378	20.000	ng	0.00
86) Perylene-d12	15.786	264	274969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	648311	90.755	ng	0.00
7) Phenol-d6	6.651	99	801942	91.133	ng	0.00
23) Nitrobenzene-d5	7.598	82	476157	58.993	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	245156	89.290	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1019009	57.644	ng	0.00
79) Terphenyl-d14	13.163	244	1232215	52.278	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	62971	12.737	ng	# 74
25) Isophorone	7.598	82	476152	33.990	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	35594	9.082	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	35594	7.025	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	16259	3.022	ng	# 1

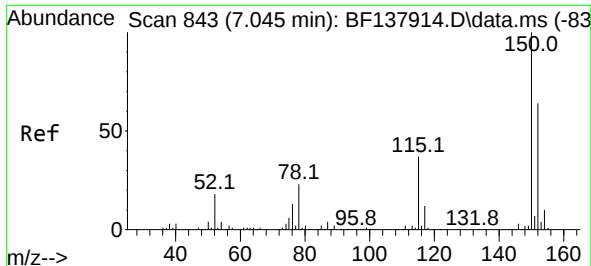
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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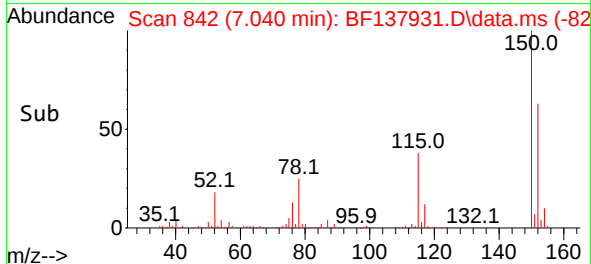
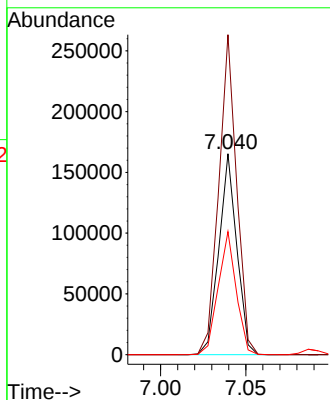
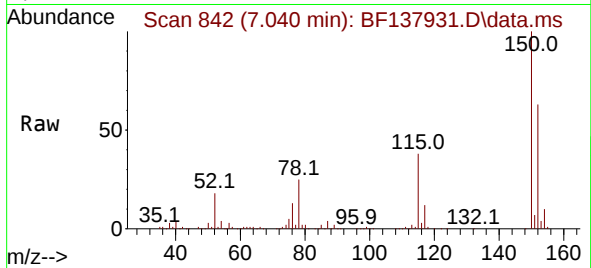




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 843
Delta R.T. -0.005 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

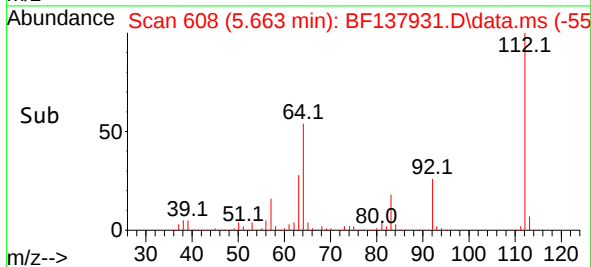
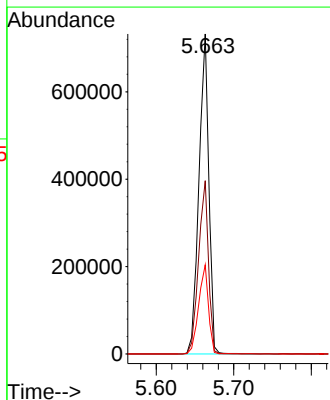
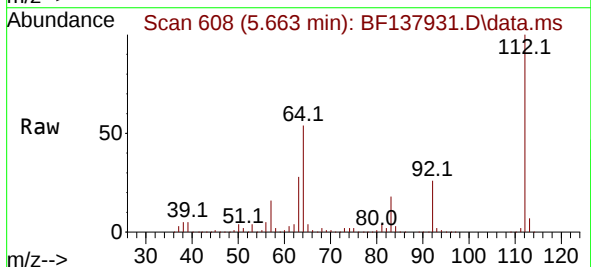
Instrument :
BNA_F
ClientSampleId :
B-02-229

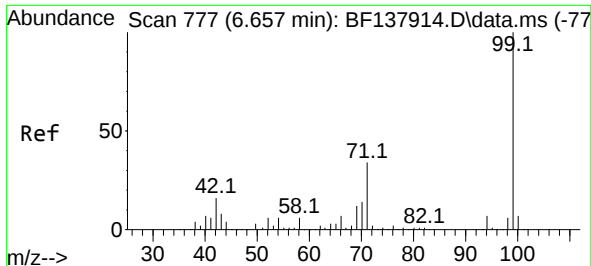
Tgt Ion:152 Resp: 121343
Ion Ratio Lower Upper
152 100
150 159.2 125.7 188.5
115 61.2 47.0 70.6



#5
2-Fluorophenol
Concen: 90.755 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion:112 Resp: 648311
Ion Ratio Lower Upper
112 100
64 54.2 42.4 63.6
63 27.8 21.4 32.2





#7

Phenol-d6

Concen: 91.133 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

B-02-229

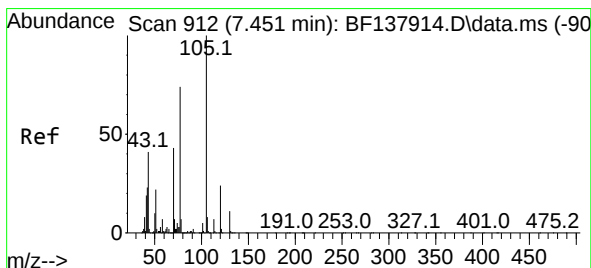
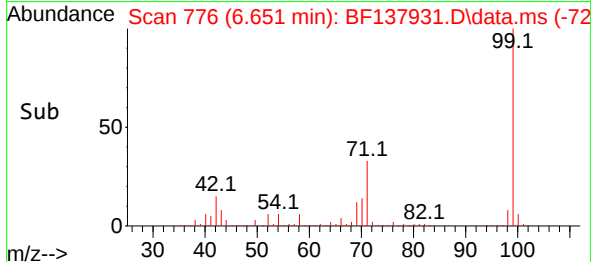
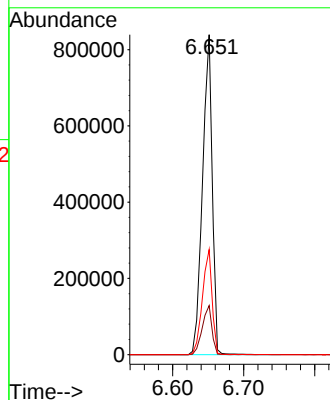
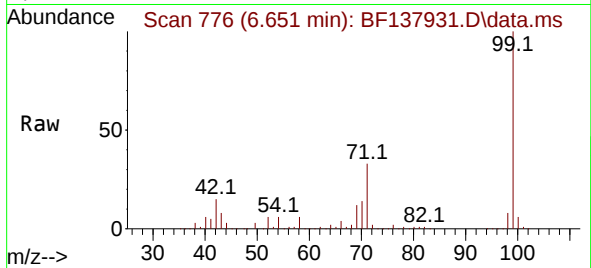
Tgt Ion: 99 Resp: 801942

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 32.9 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.737 ng

RT: 7.598 min Scan# 937

Delta R.T. 0.147 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Tgt Ion: 70 Resp: 62971

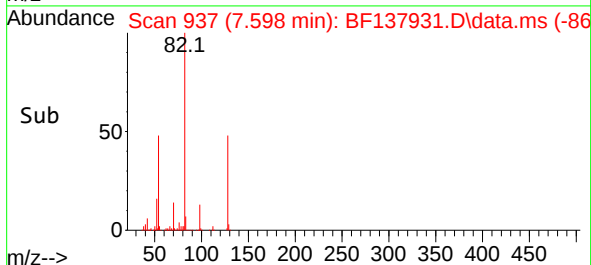
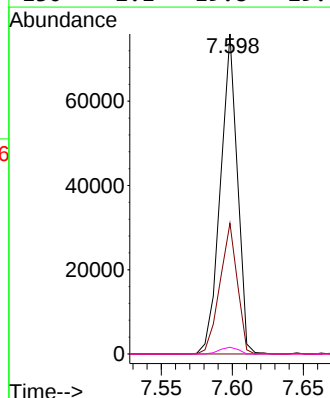
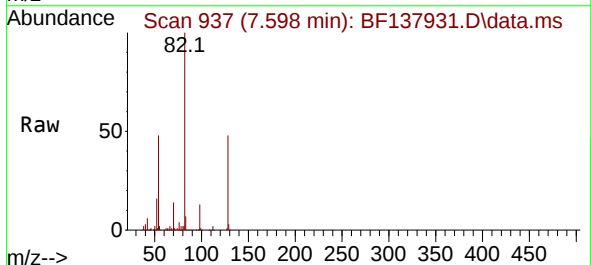
Ion Ratio Lower Upper

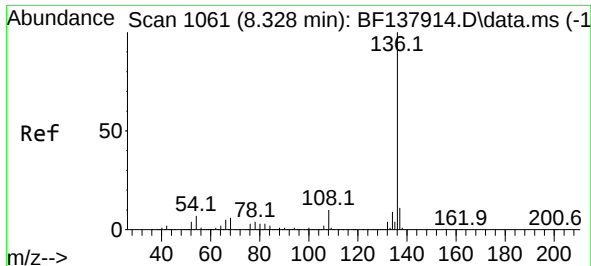
70 100

42 40.8 42.2 63.4#

101 0.0 8.8 13.2#

130 2.1 19.8 29.8#



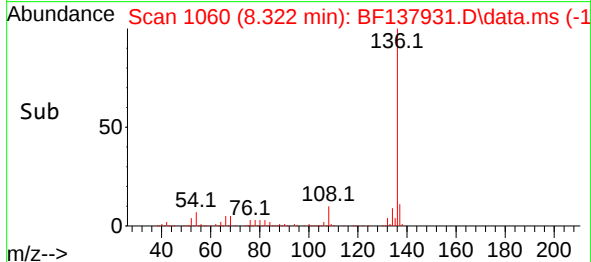
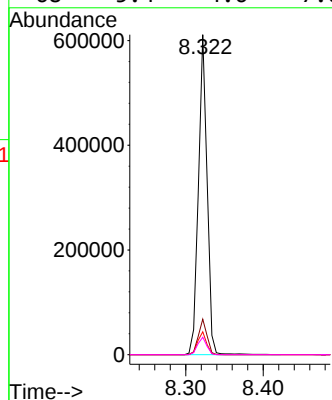
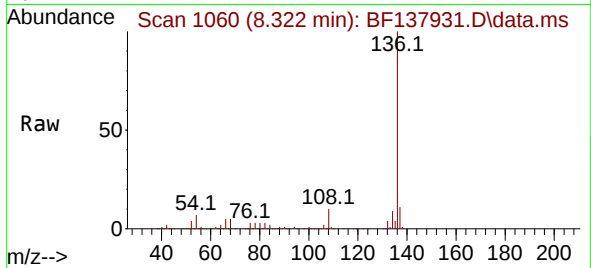


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Instrument :
BNA_F
ClientSampleId :
B-02-229

Tgt Ion:136 Resp: 475009

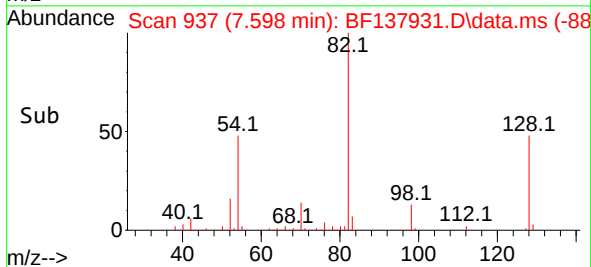
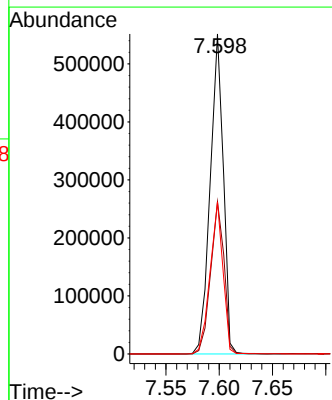
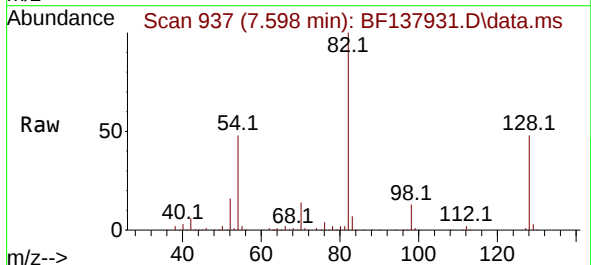
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	5.4	8.2
68	5.4	4.6	7.0



#23
Nitrobenzene-d5
Concen: 58.993 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion: 82 Resp: 476157

Ion	Ratio	Lower	Upper
82	100		
128	47.6	40.3	60.5
54	47.5	36.8	55.2

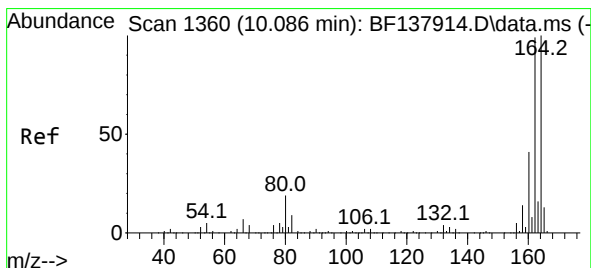
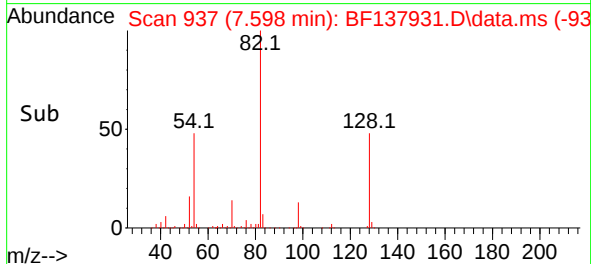
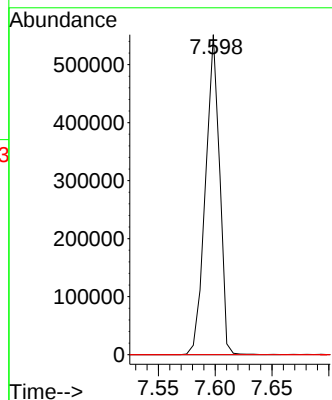
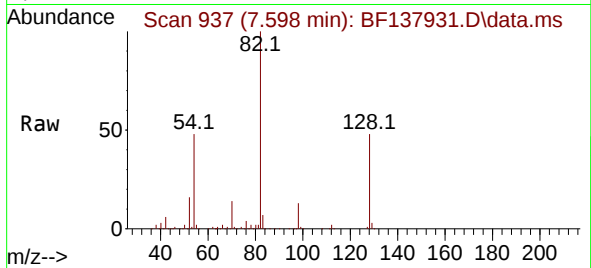




#25
Isophorone
Concen: 33.990 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

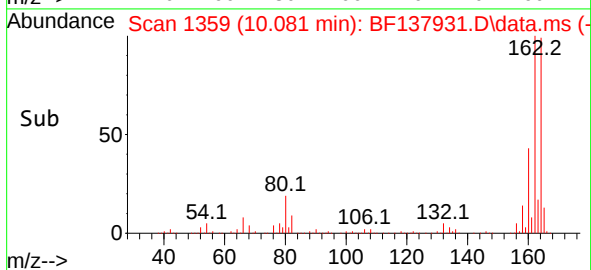
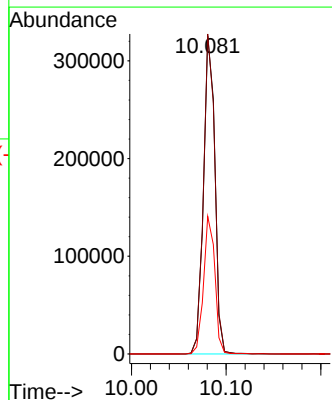
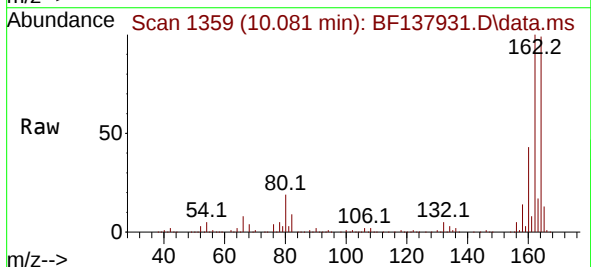
Instrument :
BNA_F
ClientSampleId :
B-02-229

Tgt Ion: 82 Resp: 476152
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion:164 Resp: 272303
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 43.3 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 89.290 ng

RT: 10.875 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

B-02-229

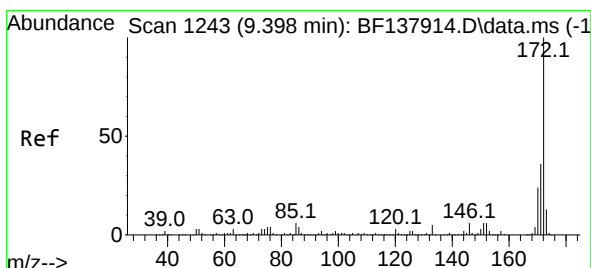
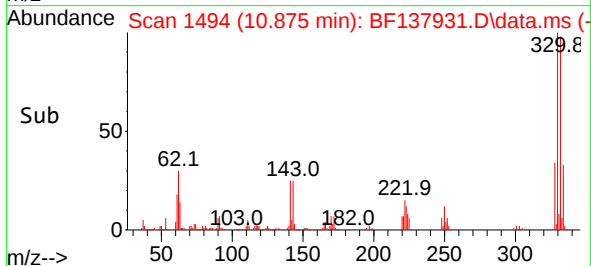
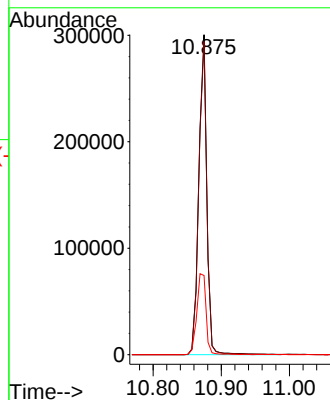
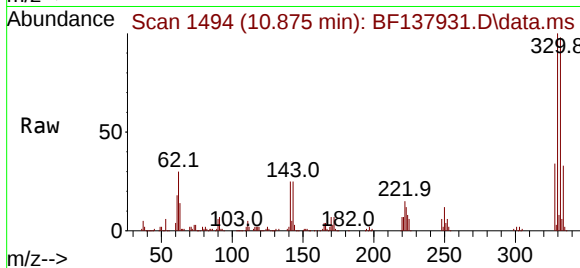
Tgt Ion:330 Resp: 245156

Ion Ratio Lower Upper

330 100

332 98.1 75.8 113.8

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 57.644 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

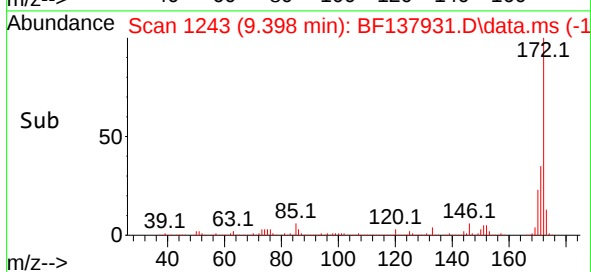
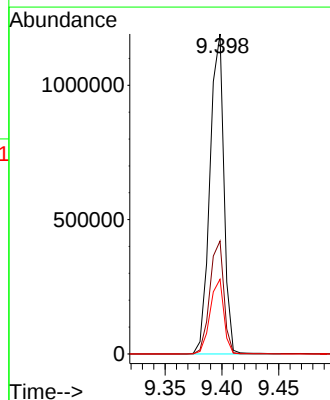
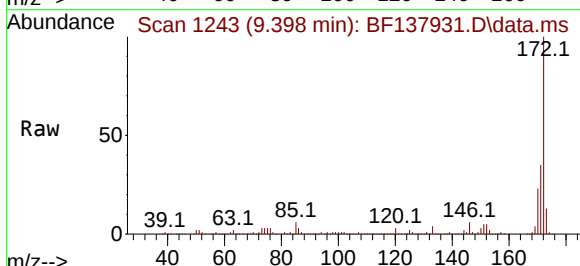
Tgt Ion:172 Resp: 1019009

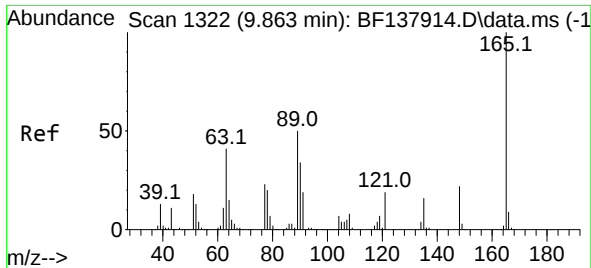
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.4 18.9 28.3

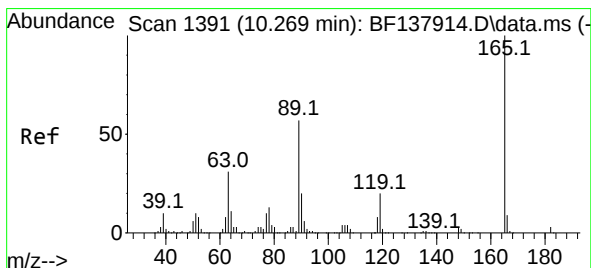
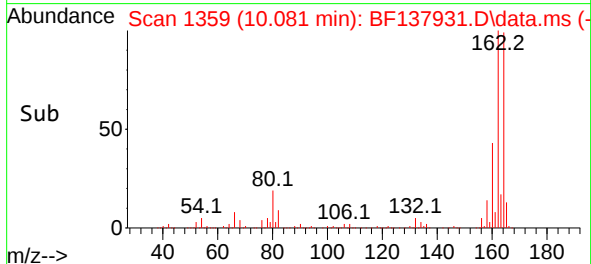
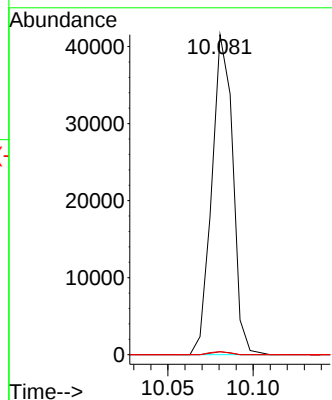
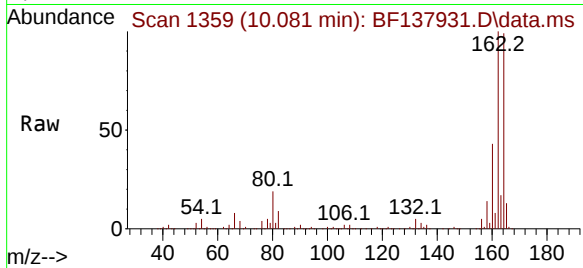




#51
2,6-Dinitrotoluene
Concen: 9.082 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

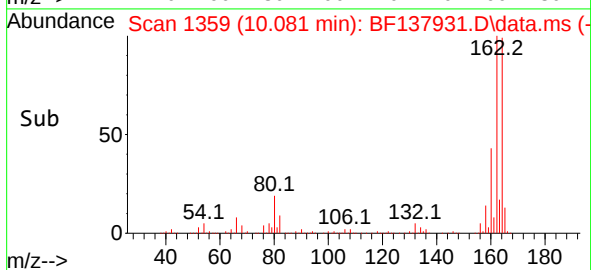
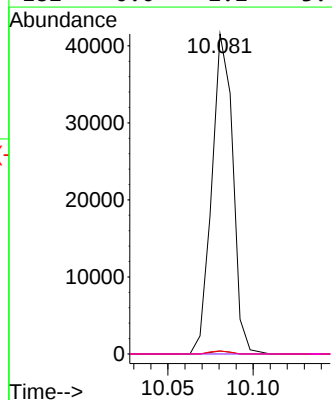
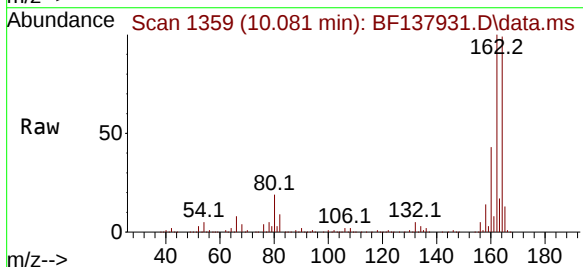
Instrument :
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B-02-229

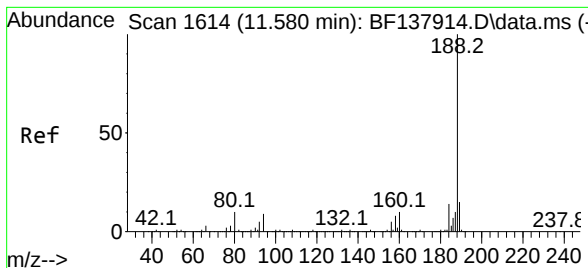
Tgt Ion:165 Resp: 35594
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 0.9 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.025 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Tgt Ion:165 Resp: 35594
Ion Ratio Lower Upper
165 100
63 0.9 25.3 37.9#
89 0.9 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

Instrument :

BNA_F

ClientSampleId :

B-02-229

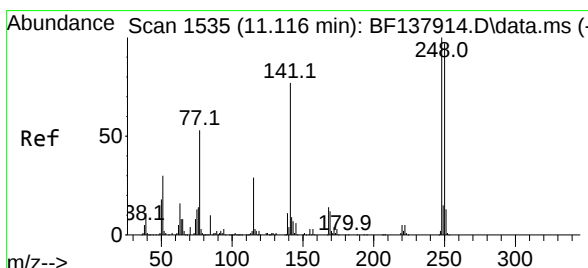
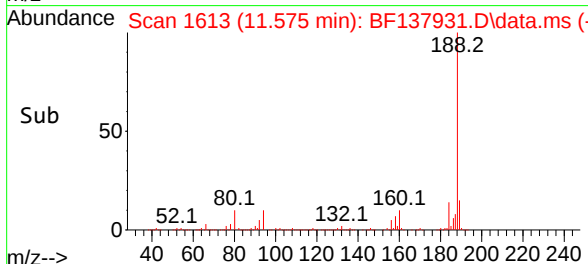
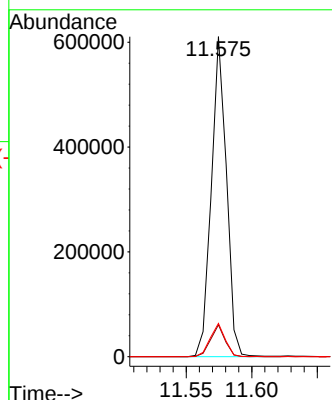
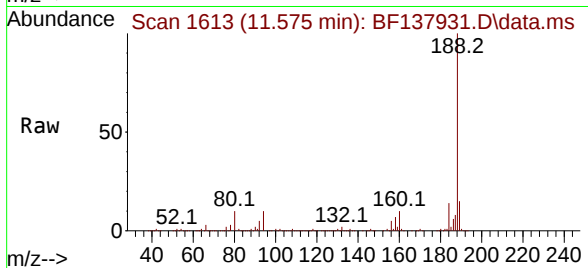
Tgt Ion:188 Resp: 490789

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 3.022 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137931.D

Acq: 17 May 2024 14:51

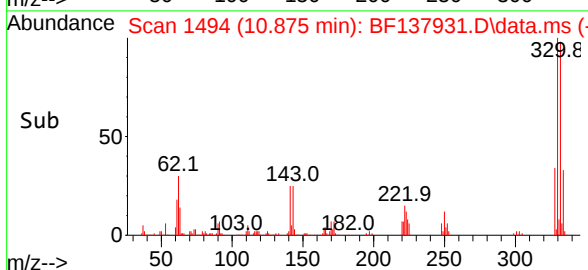
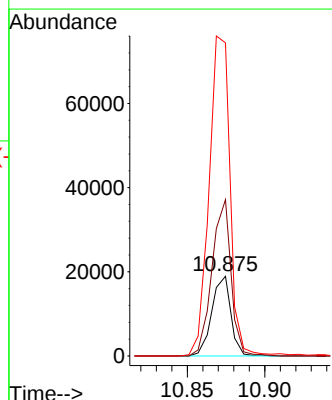
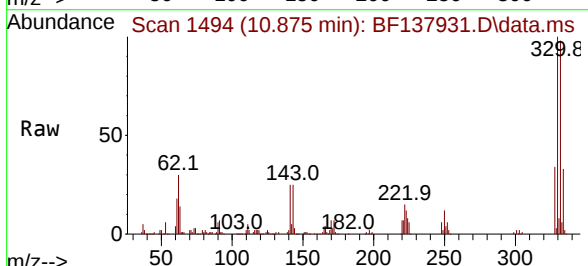
Tgt Ion:248 Resp: 16259

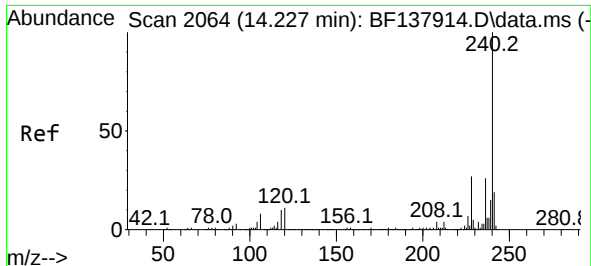
Ion Ratio Lower Upper

248 100

250 196.0 77.6 116.4#

141 392.5 61.4 92.2#

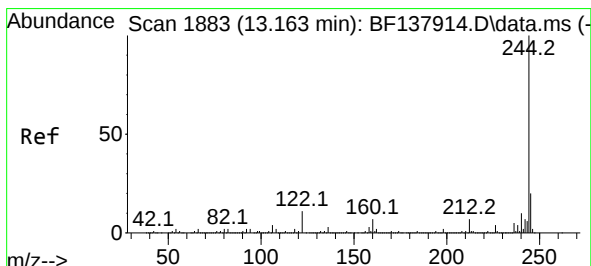
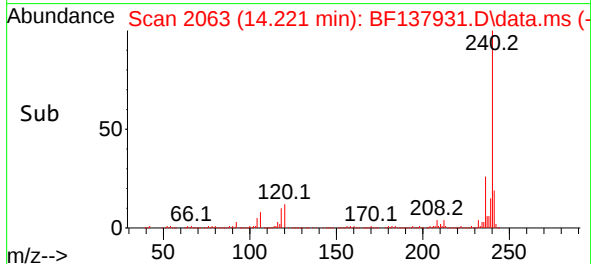
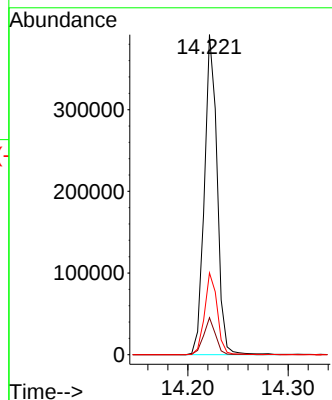
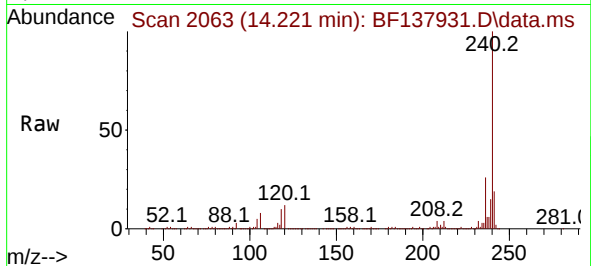




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

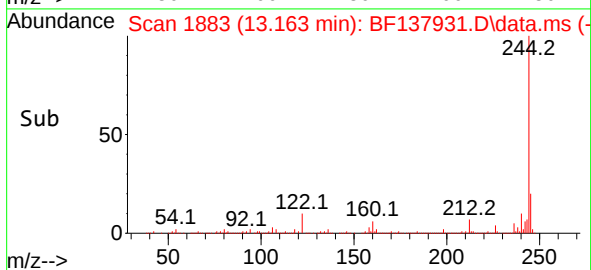
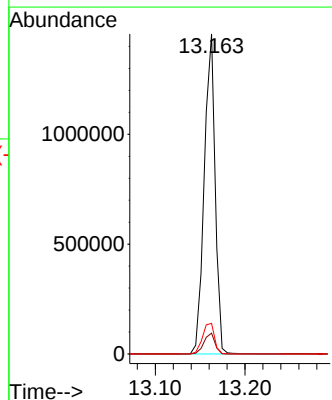
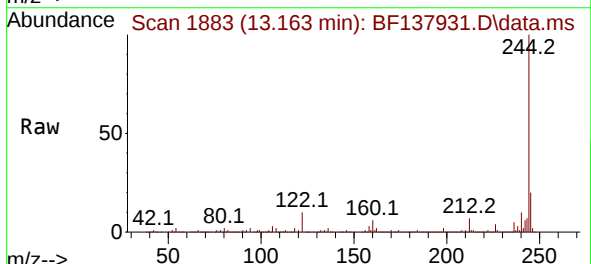
Instrument :
BNA_F
ClientSampleId :
B-02-229

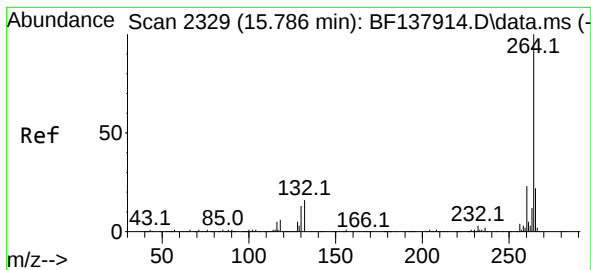
Tgt Ion:240 Resp: 347378
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.6 21.0 31.4



#79
Terphenyl-d14
Concen: 52.278 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

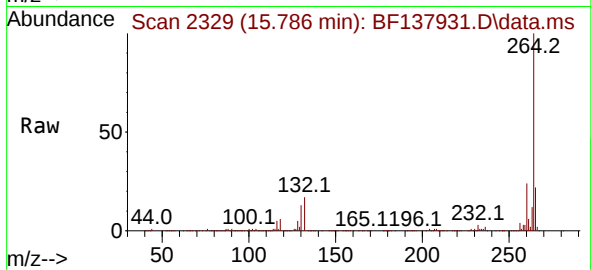
Tgt Ion:244 Resp: 1232215
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 9.6 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF137931.D
Acq: 17 May 2024 14:51

Instrument :
BNA_F
ClientSampleId :
B-02-229



Tgt Ion:264 Resp: 274969

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.6	17.6	26.4

