

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139027.D
 Acq On : 15 Aug 2024 17:37
 Operator : RC/JU
 Sample : P3580-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 925-K1-SD-0-0.5-081224

Quant Time: Aug 15 17:58:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

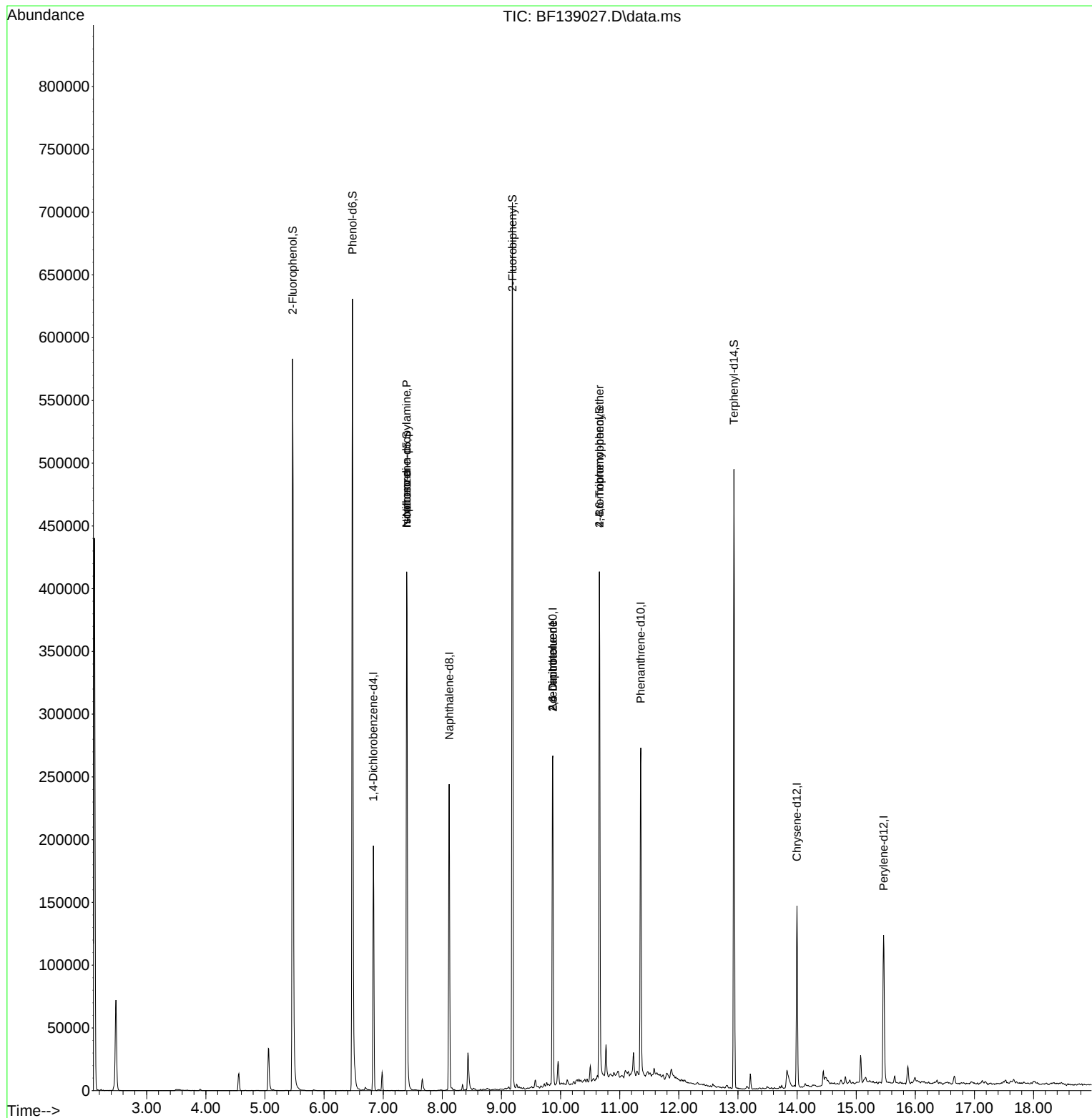
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	35870	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	142874	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	78452	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	134287	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	67313	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	70336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	199748	85.961	ng	0.00
7) Phenol-d6	6.481	99	266988	85.578	ng	0.00
23) Nitrobenzene-d5	7.398	82	176049	60.244	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	55297	86.048	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	281931	53.995	ng	-0.02
79) Terphenyl-d14	12.933	244	215108	53.504	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	24421	12.960	ng	# 82
25) Isophorone	7.398	82	176048	35.281	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	9732	8.596	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	9732	6.738	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	3808	2.619	ng	# 1

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

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925-K1-SD-0-0.5-081224

Quant Time: Aug 15 17:58:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

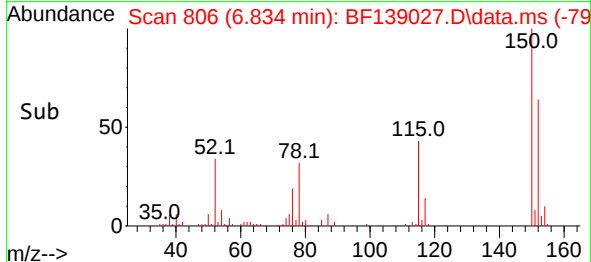
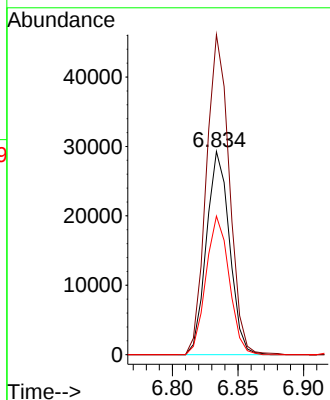
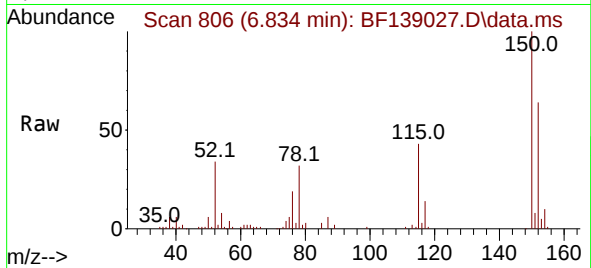




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

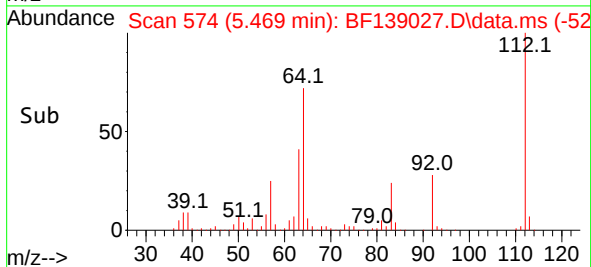
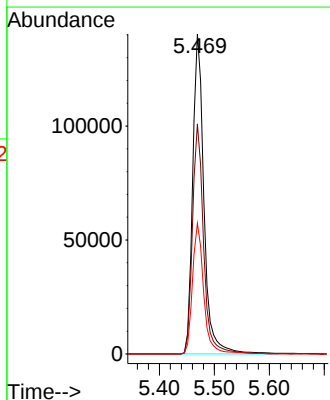
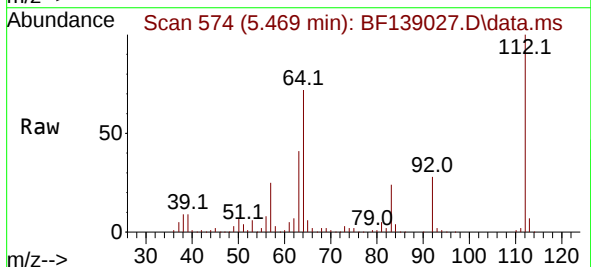
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0-0.5-081224

Tgt Ion:152 Resp: 35870
Ion Ratio Lower Upper
152 100
150 157.5 126.0 189.0
115 68.2 51.7 77.5



#5
2-Fluorophenol
Concen: 85.961 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

Tgt Ion:112 Resp: 199748
Ion Ratio Lower Upper
112 100
64 71.9 54.2 81.4
63 40.9 28.7 43.1





#7

Phenol-d6

Concen: 85.578 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224

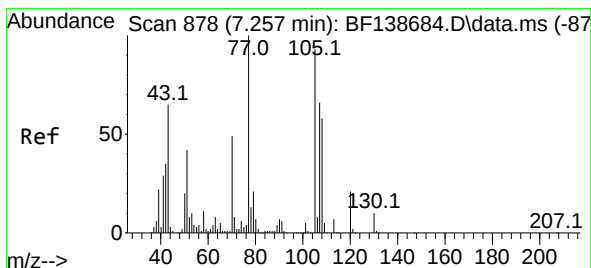
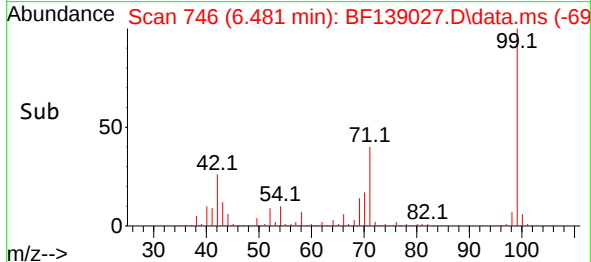
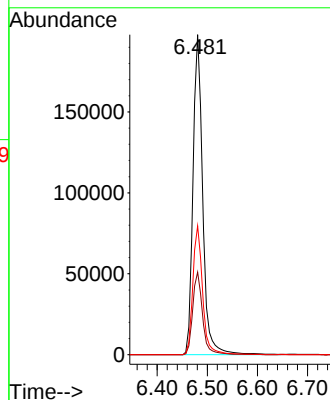
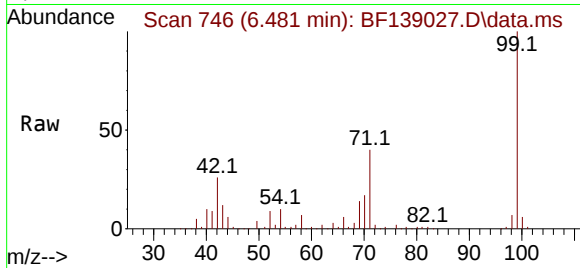
Tgt Ion: 99 Resp: 266988

Ion Ratio Lower Upper

99 100

42 25.8 17.4 26.0

71 40.2 28.1 42.1



#19

n-Nitroso-di-n-propylamine

Concen: 12.960 ng

RT: 7.398 min Scan# 902

Delta R.T. 0.141 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Tgt Ion: 70 Resp: 24421

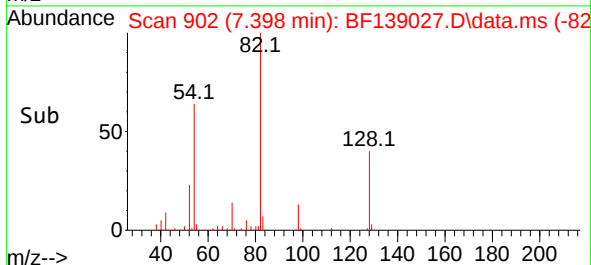
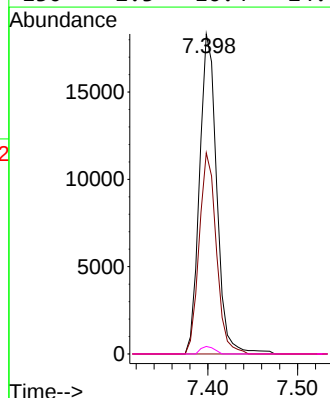
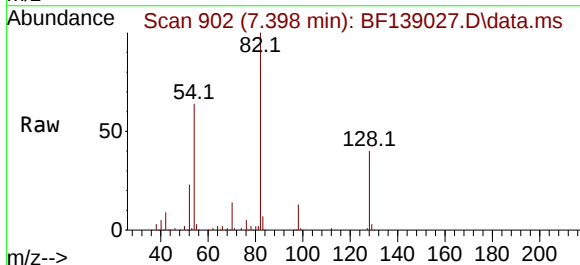
Ion Ratio Lower Upper

70 100

42 62.8 57.4 86.0

101 0.0 7.5 11.3#

130 2.3 16.4 24.6#

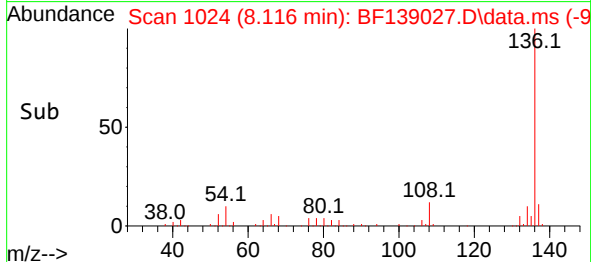
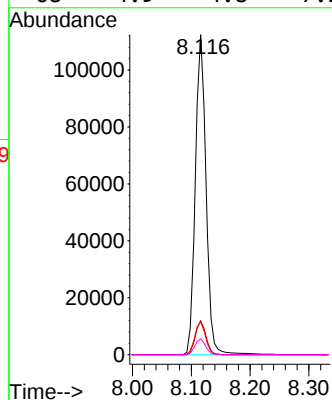
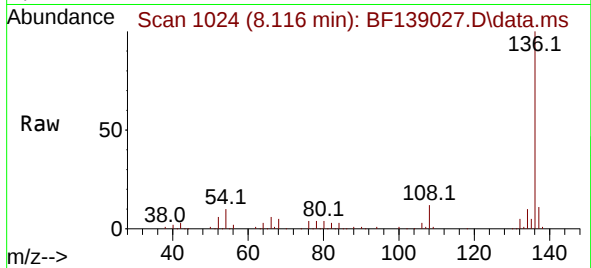




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

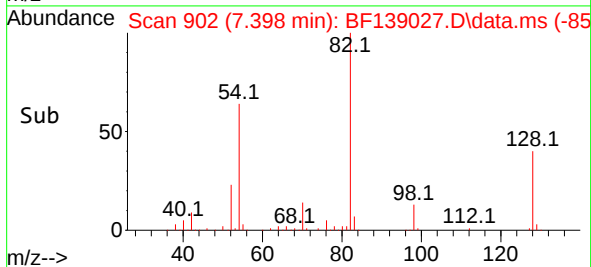
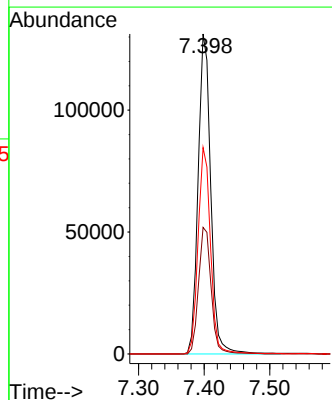
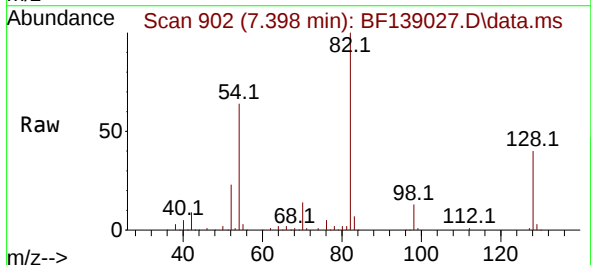
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0-0.5-081224

Tgt	Ion:136	Resp:	142874
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.3	8.6	12.8
68	4.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 60.244 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

Tgt Ion: 82	Resp: 176049
Ion Ratio	Lower Upper
82 100	
128 39.5	32.8 49.2
54 64.5	48.3 72.5

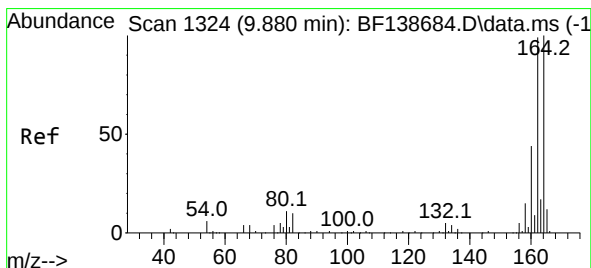
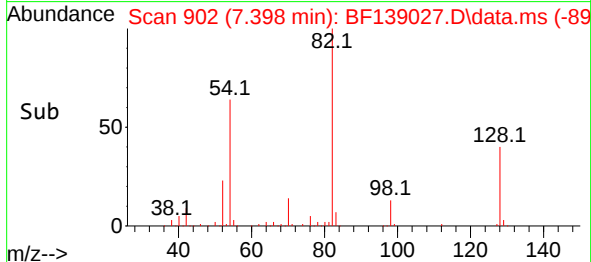
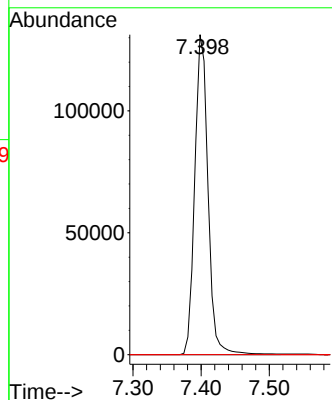
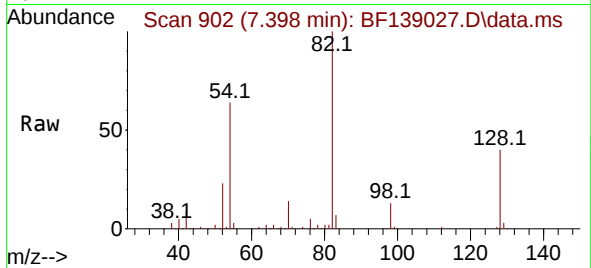




#25
Isophorone
Concen: 35.281 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

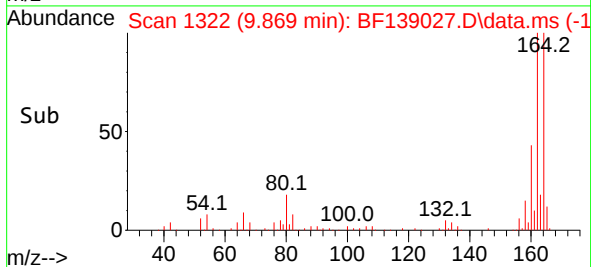
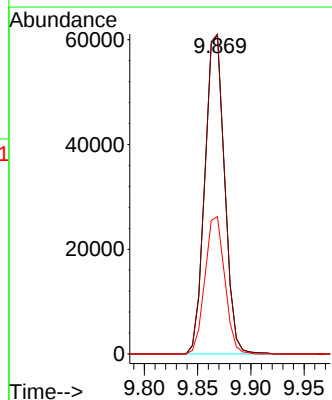
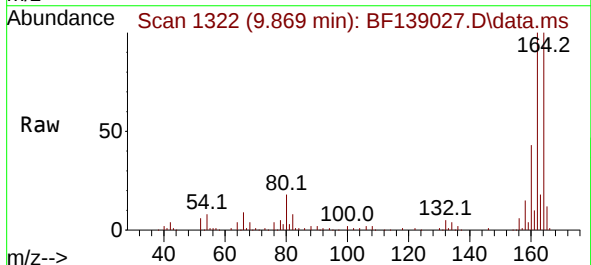
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0-0.5-081224

Tgt Ion: 82 Resp: 176048
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

Tgt Ion:164 Resp: 78452
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 86.048 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.012 min

Lab File: BF139027.D

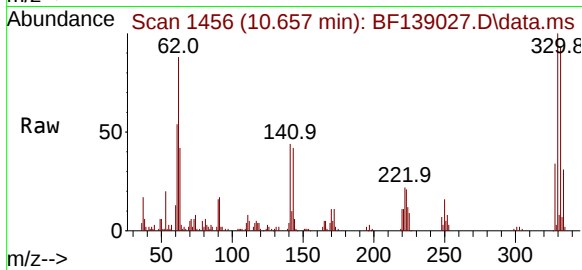
Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224



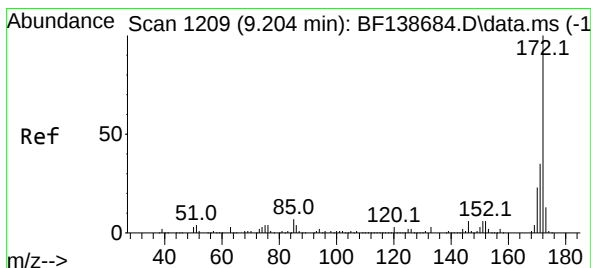
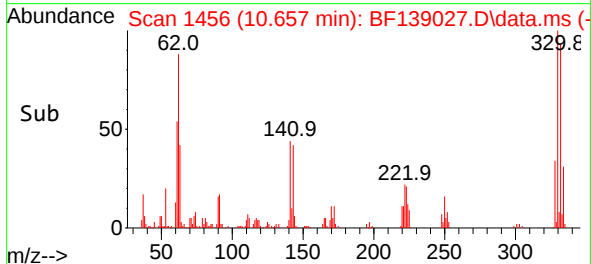
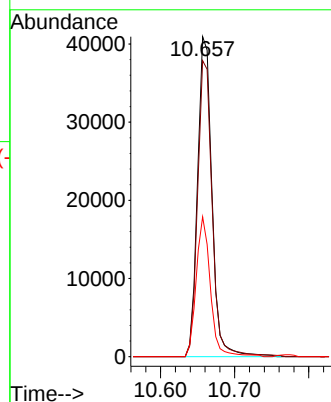
Tgt Ion:330 Resp: 55297

Ion Ratio Lower Upper

330 100

332 93.8 76.4 114.6

141 43.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 53.995 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

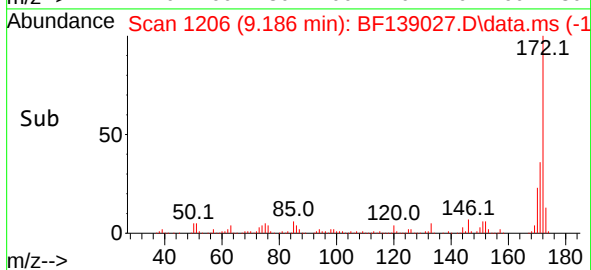
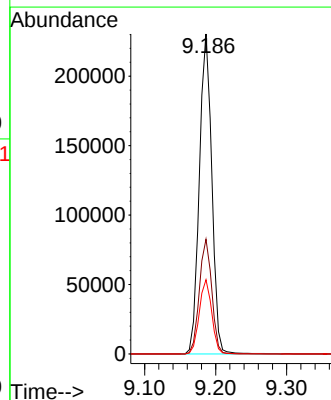
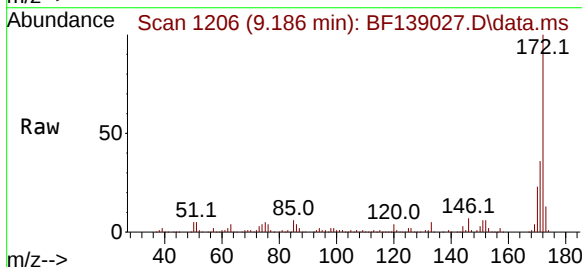
Tgt Ion:172 Resp: 281931

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.2 18.8 28.2

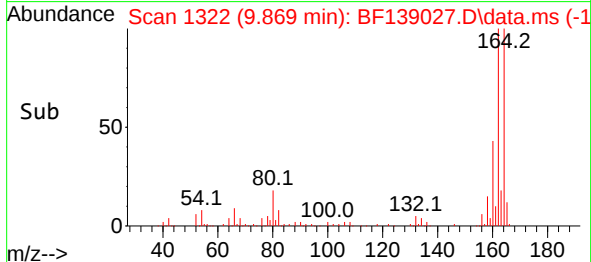
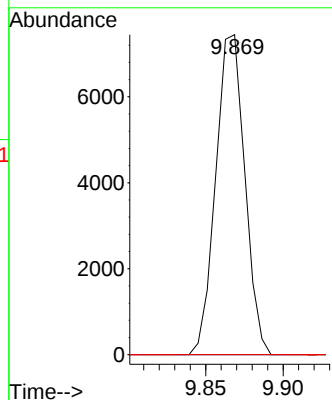
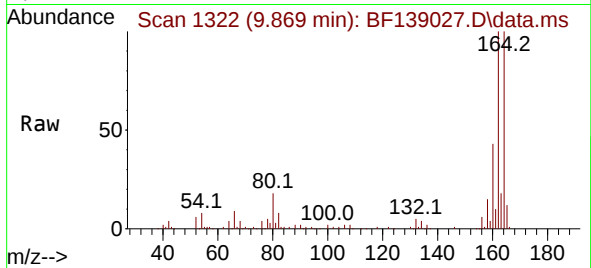




#51
2,6-Dinitrotoluene
Concen: 8.596 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

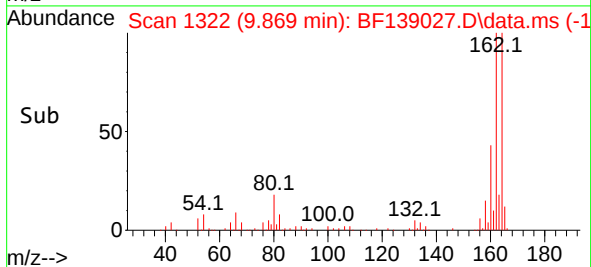
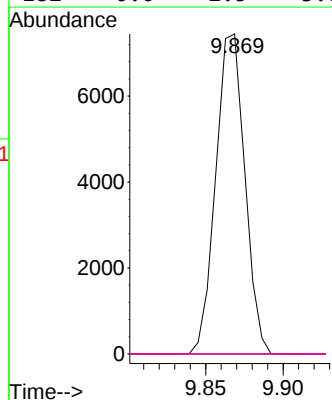
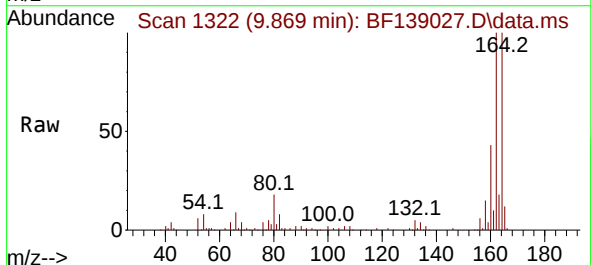
Instrument :
BNA_F
ClientSampleId :
925-K1-SD-0-0.5-081224

Tgt Ion:165 Resp: 9732
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.738 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139027.D
Acq: 15 Aug 2024 17:37

Tgt Ion:165 Resp: 9732
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224

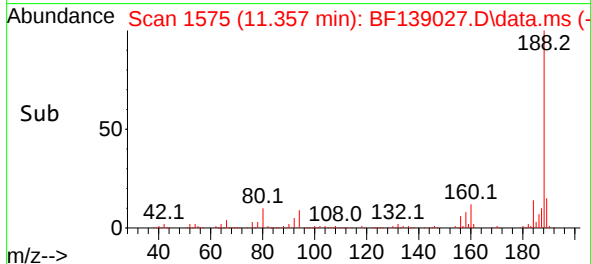
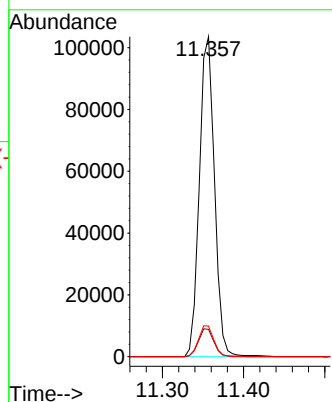
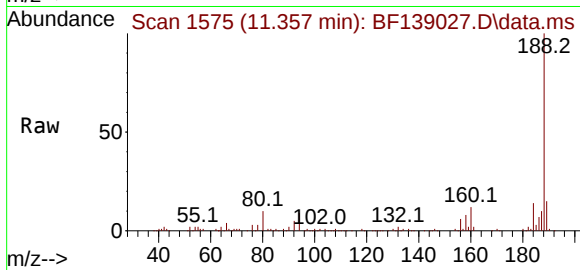
Tgt Ion:188 Resp: 134287

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.6 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.619 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

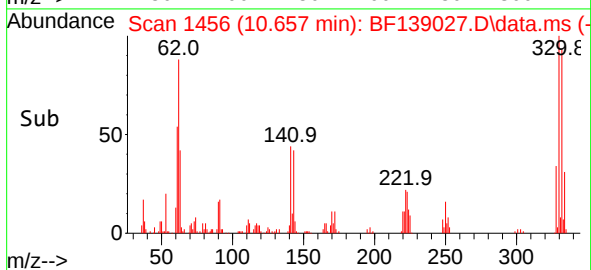
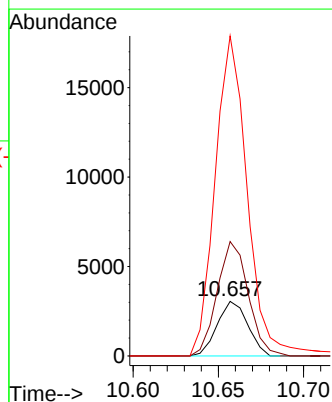
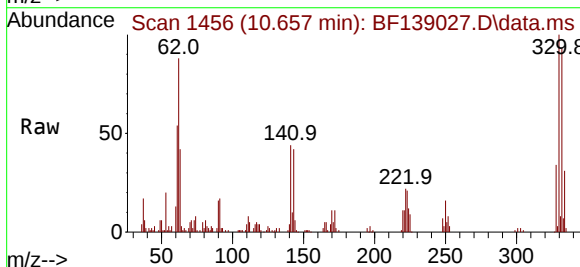
Tgt Ion:248 Resp: 3808

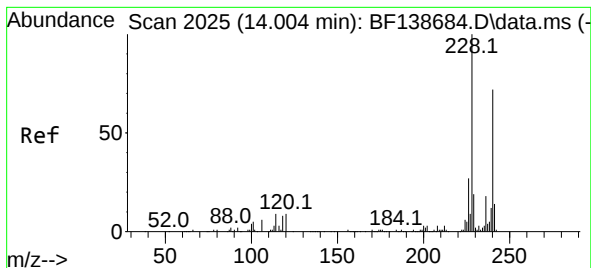
Ion Ratio Lower Upper

248 100

250 209.5 77.7 116.5#

141 586.3 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224

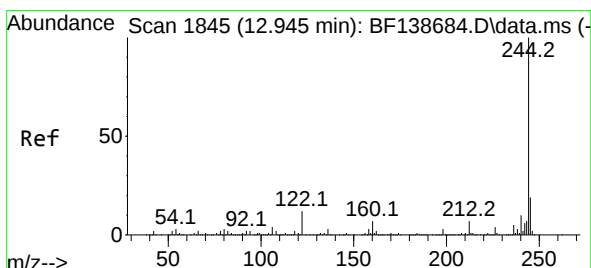
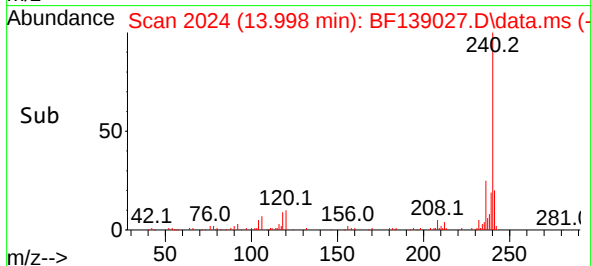
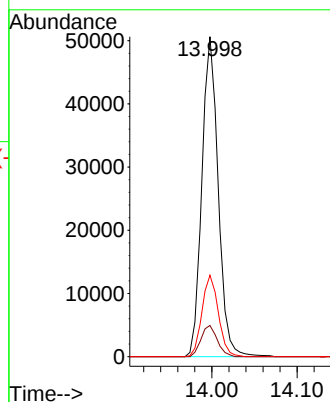
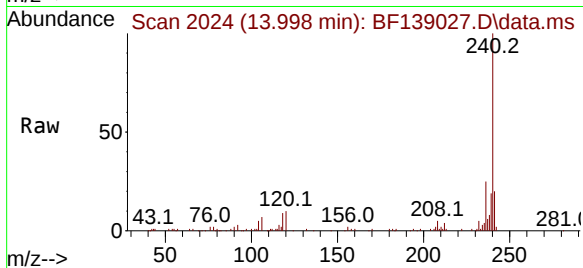
Tgt Ion:240 Resp: 67313

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 25.5 19.8 29.8



#79

Terphenyl-d14

Concen: 53.504 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139027.D

Acq: 15 Aug 2024 17:37

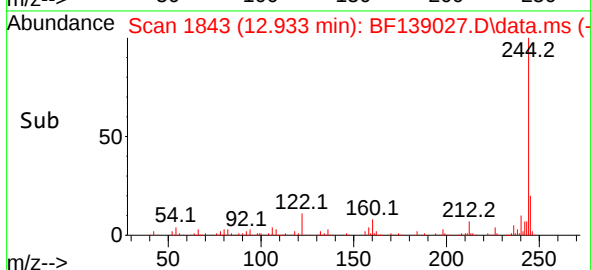
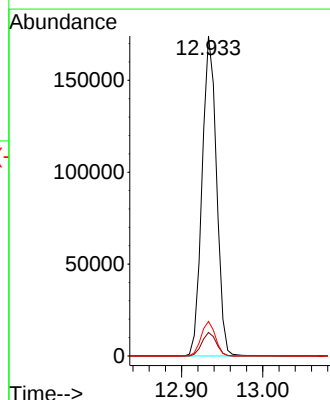
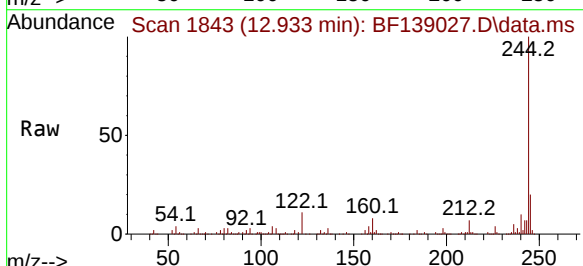
Tgt Ion:244 Resp: 215108

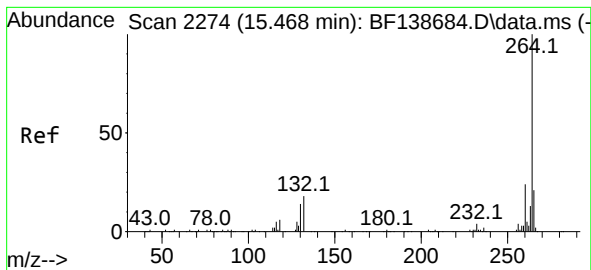
Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.8 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139027.D

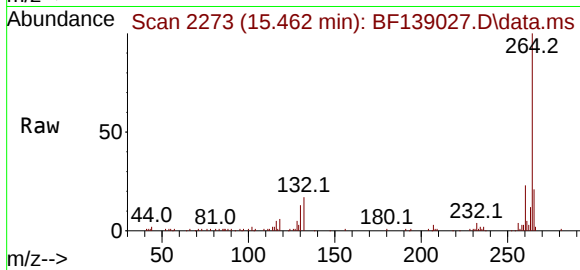
Acq: 15 Aug 2024 17:37

Instrument :

BNA_F

ClientSampleId :

925-K1-SD-0-0.5-081224



Tgt Ion:264 Resp: 70336

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.3 17.0 25.6

