

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138934.D
 Acq On : 12 Aug 2024 15:15
 Operator : RC/JU
 Sample : P3512-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0-0.5-080724

Quant Time: Aug 12 15:49:35 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)

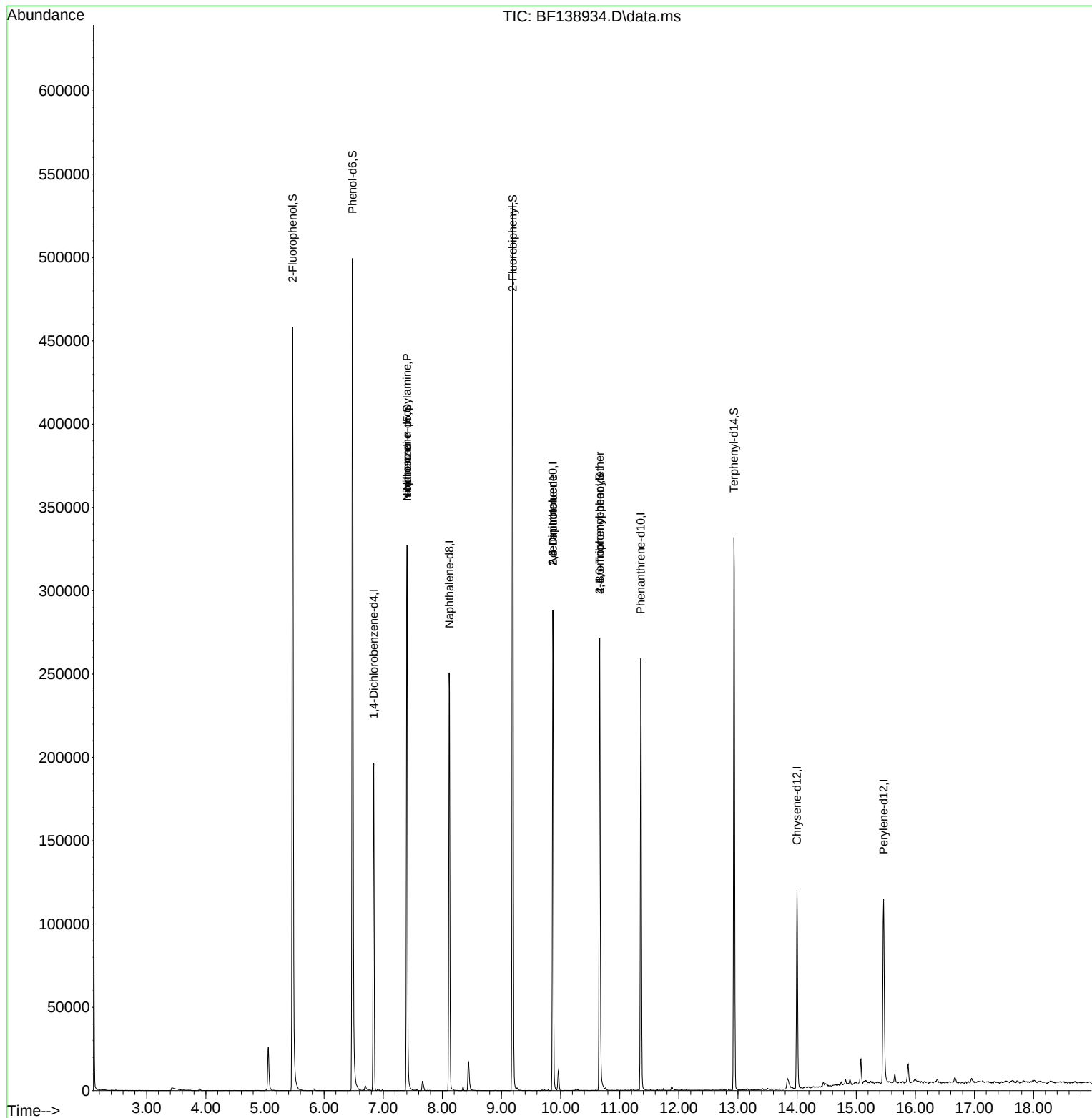
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	38066	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	151811	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	83906	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	135502	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	58184	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	71259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157223	63.757	ng	0.00
7) Phenol-d6	6.481	99	213464	64.475	ng	0.00
23) Nitrobenzene-d5	7.404	82	139286	44.858	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	41064	59.747	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	225315	40.347	ng	-0.01
79) Terphenyl-d14	12.933	244	155591	44.772	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	18578	9.291	ng	# 81
25) Isophorone	7.404	82	139285	26.270	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10386	8.578	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10386	6.723	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	2989	2.037	ng	# 1

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

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BNA_F
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931-K1-SD-0-0.5-080724

Quant Time: Aug 12 15:49:35 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

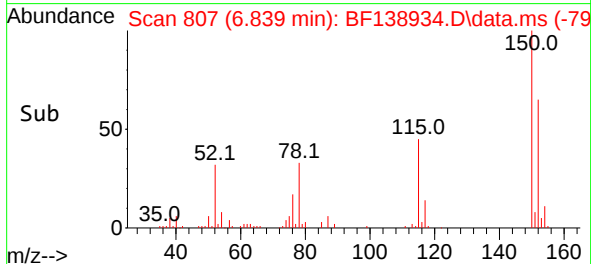
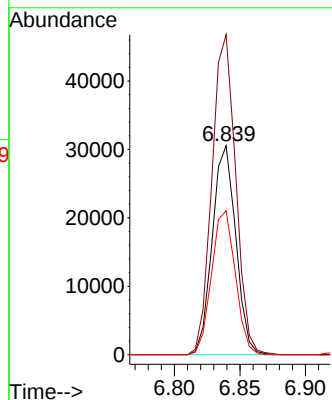
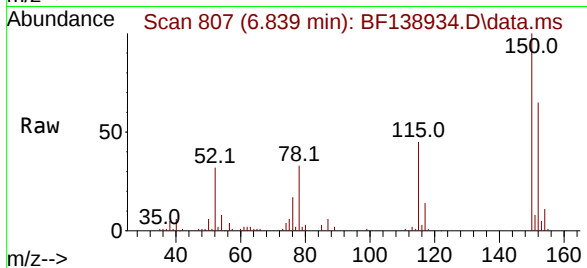




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

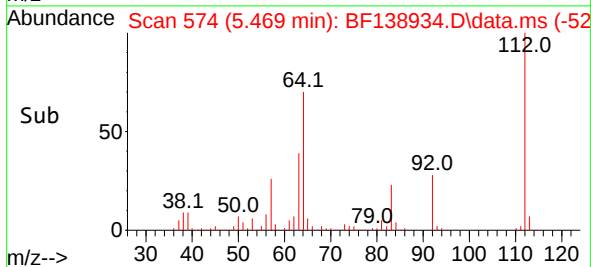
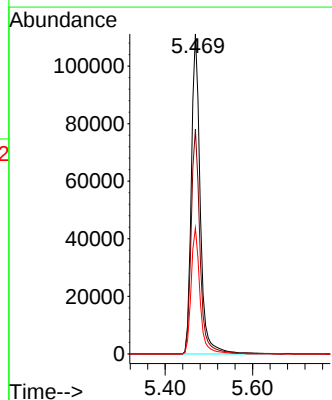
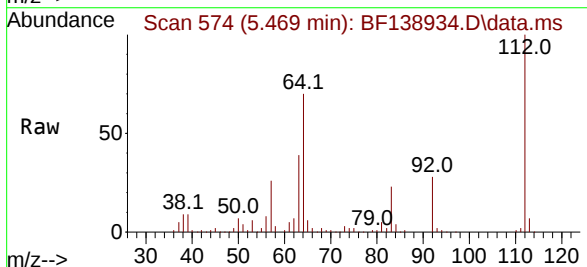
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

Tgt Ion:152 Resp: 38066
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 68.9 51.7 77.5



#5
2-Fluorophenol
Concen: 63.757 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion:112 Resp: 157223
Ion Ratio Lower Upper
112 100
64 70.2 54.2 81.4
63 39.4 28.7 43.1

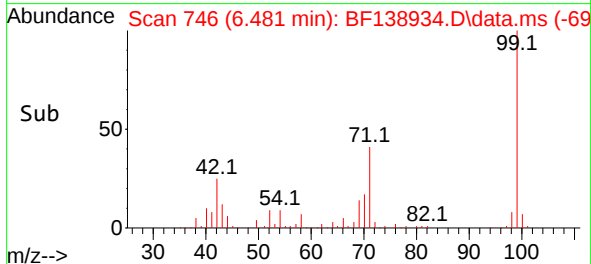
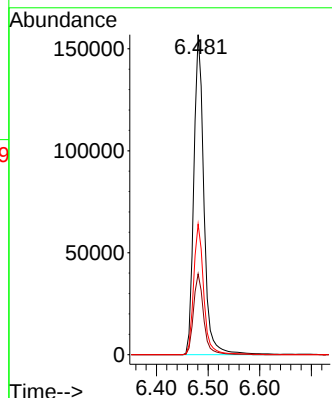
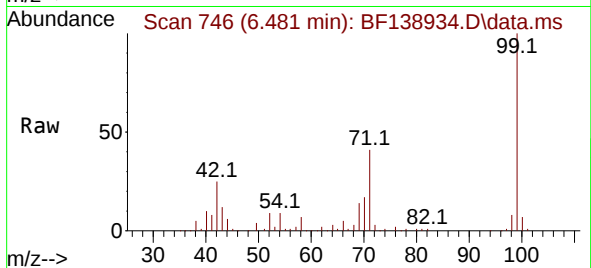




#7
Phenol-d6
Concen: 64.475 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

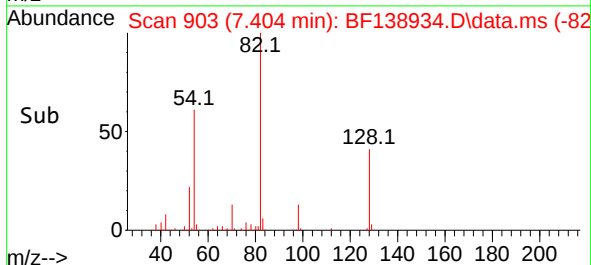
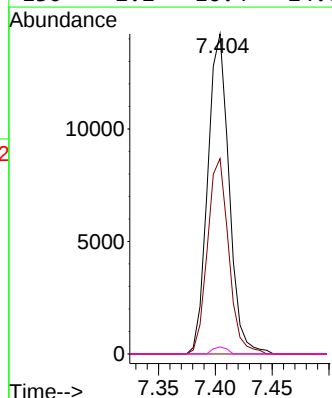
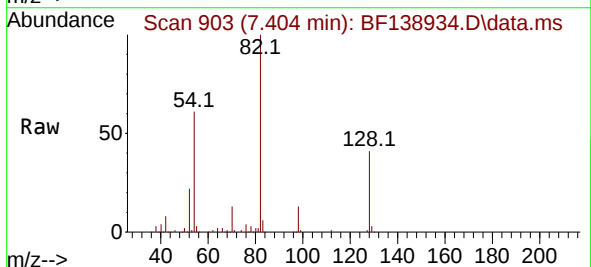
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

Tgt Ion: 99 Resp: 213464
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 9.291 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

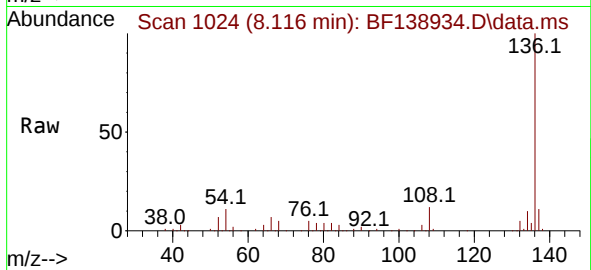
Tgt Ion: 70 Resp: 18578
Ion Ratio Lower Upper
70 100
42 61.1 57.4 86.0
101 0.0 7.5 11.3#
130 2.2 16.4 24.6#



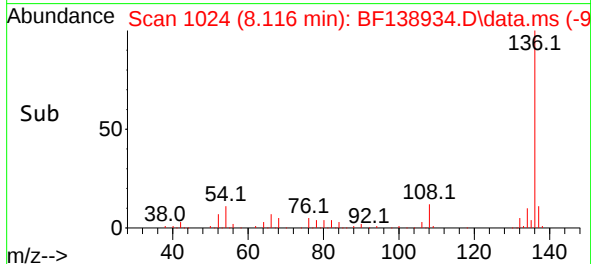
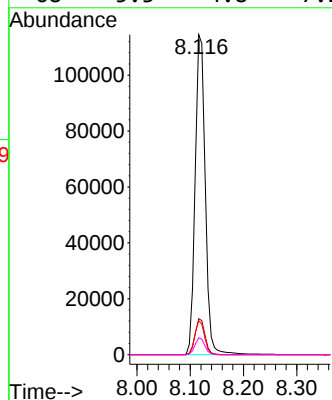


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

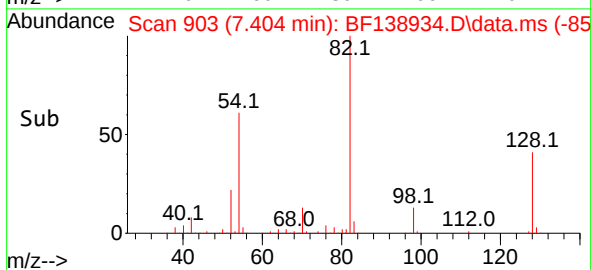
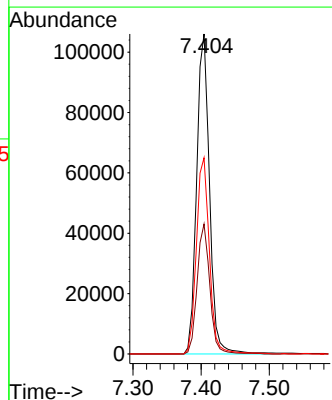
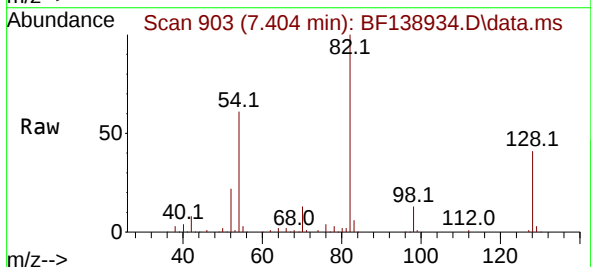


Tgt Ion:136 Resp: 151811
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.6 8.6 12.8
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 44.858 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion: 82 Resp: 139286
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 61.3 48.3 72.5

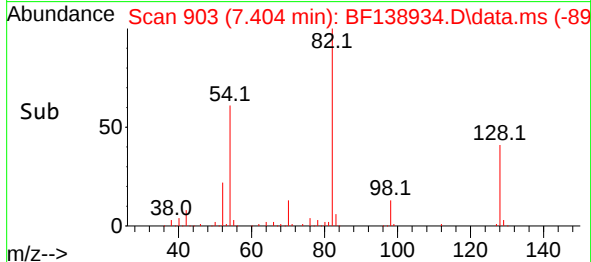
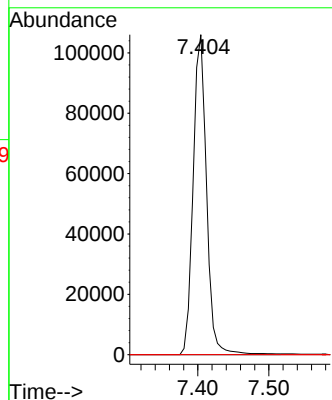
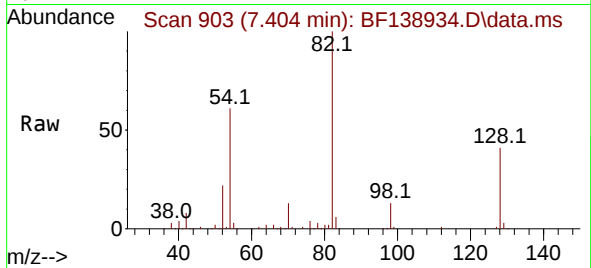




#25
Isophorone
Concen: 26.270 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

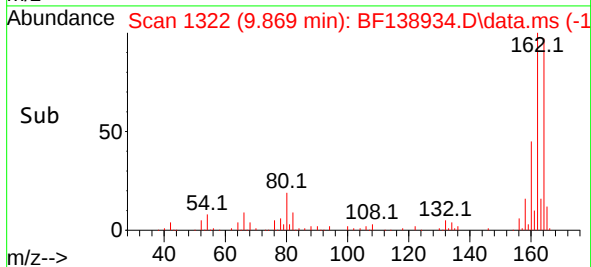
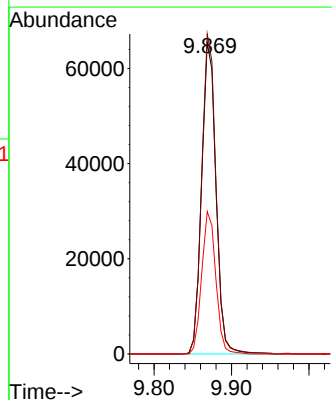
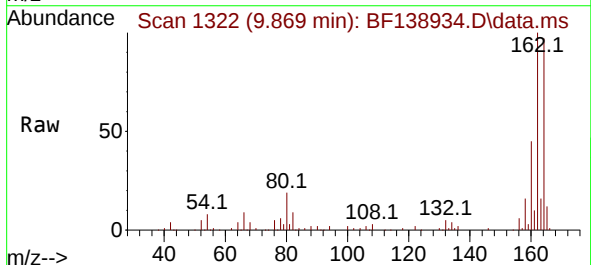
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

Tgt Ion: 82 Resp: 139285
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: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion:164 Resp: 83906
Ion Ratio Lower Upper
164 100
162 102.8 79.4 119.0
160 45.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 59.747 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138934.D

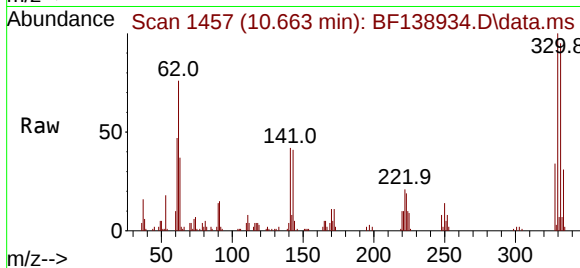
Acq: 12 Aug 2024 15:15

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0-0.5-080724



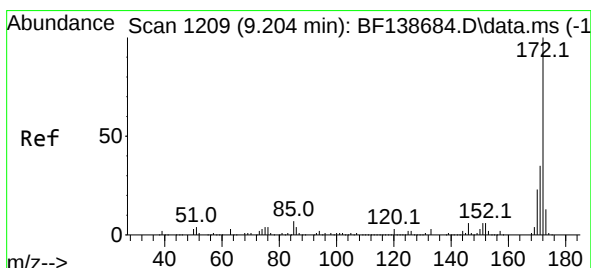
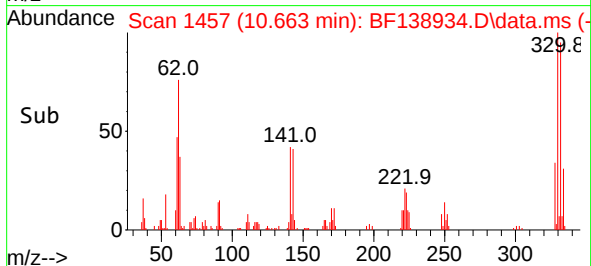
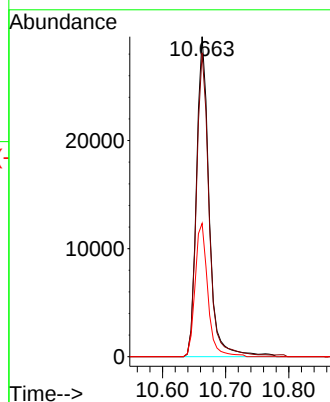
Tgt Ion:330 Resp: 41064

Ion Ratio Lower Upper

330 100

332 95.2 76.4 114.6

141 41.9 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 40.347 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138934.D

Acq: 12 Aug 2024 15:15

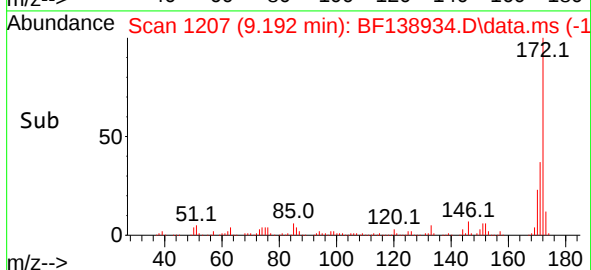
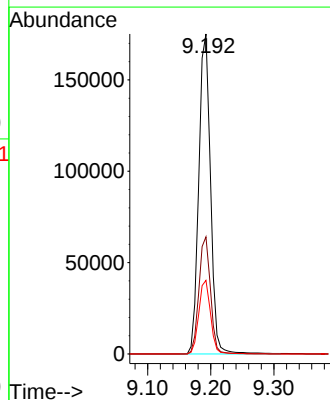
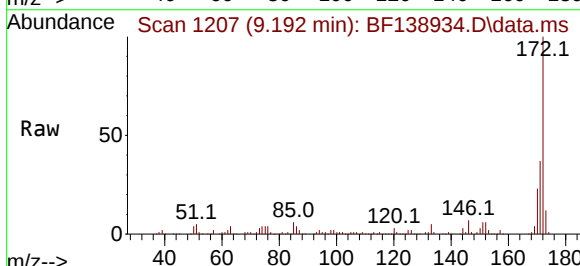
Tgt Ion:172 Resp: 225315

Ion Ratio Lower Upper

172 100

171 36.6 28.3 42.5

170 23.0 18.8 28.2

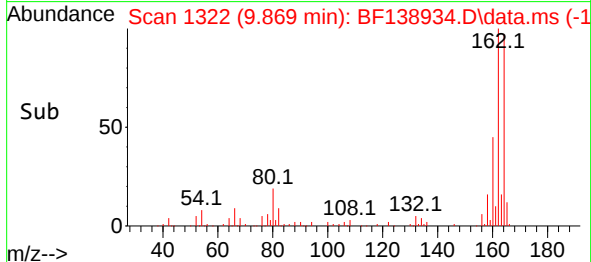
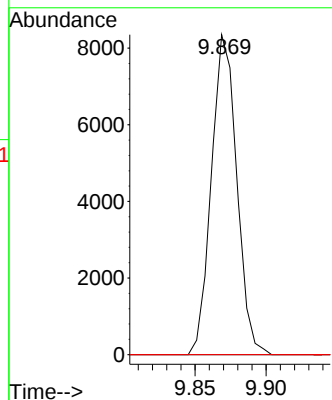
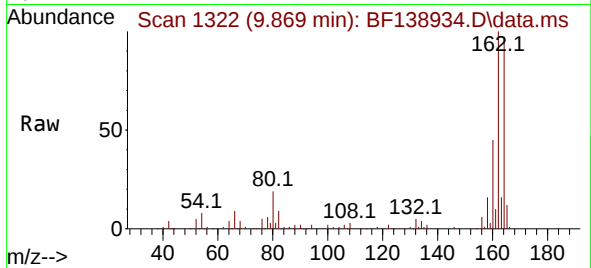




#51
2,6-Dinitrotoluene
Concen: 8.578 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

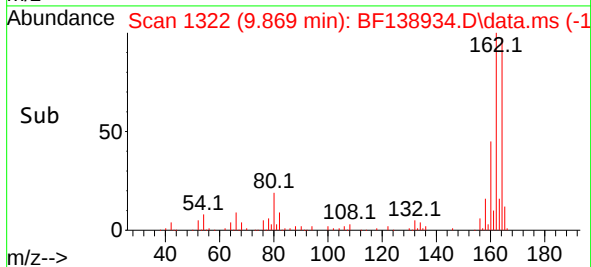
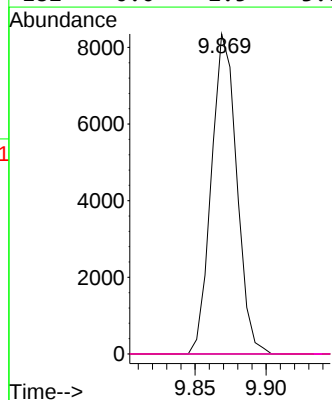
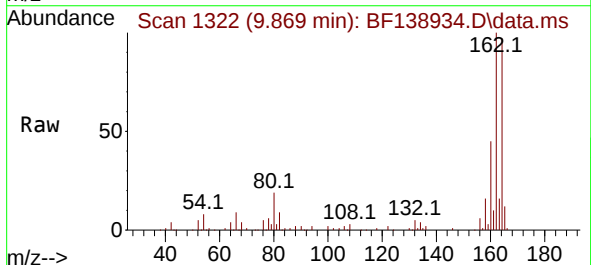
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724

Tgt Ion:165 Resp: 10386
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: 6.723 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Tgt Ion:165 Resp: 10386
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: BF138934.D

Acq: 12 Aug 2024 15:15

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0-0.5-080724

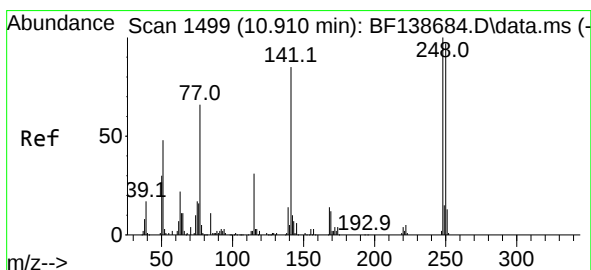
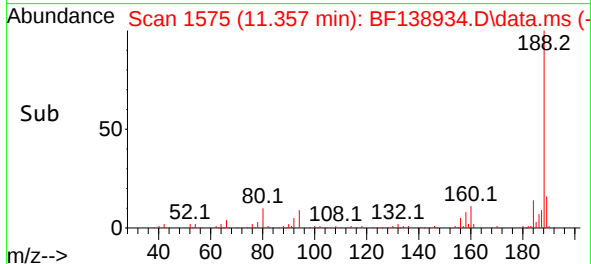
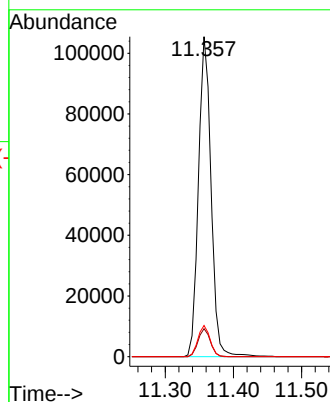
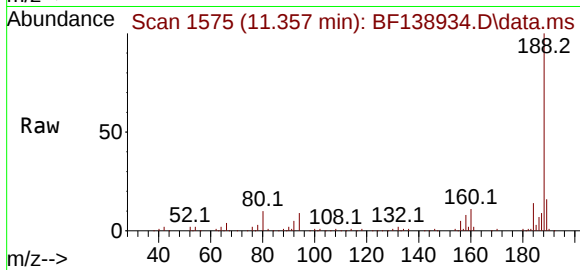
Tgt Ion:188 Resp: 135502

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.037 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138934.D

Acq: 12 Aug 2024 15:15

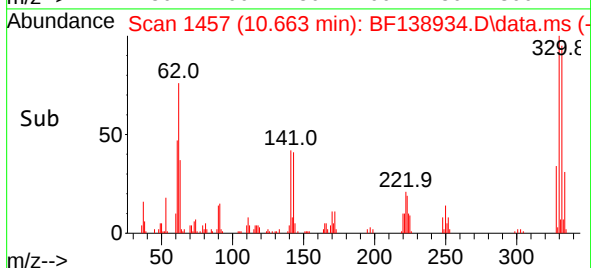
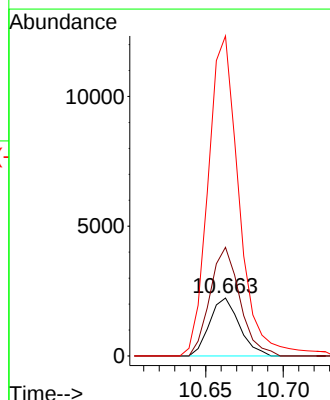
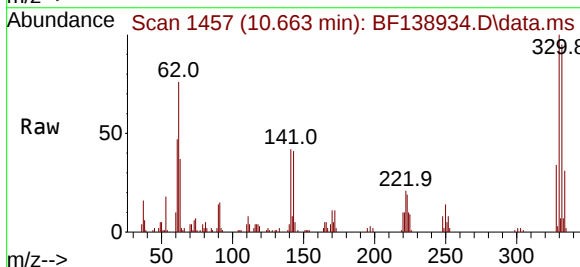
Tgt Ion:248 Resp: 2989

Ion Ratio Lower Upper

248 100

250 187.6 77.7 116.5#

141 552.6 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: BF138934.D

Acq: 12 Aug 2024 15:15

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0-0.5-080724

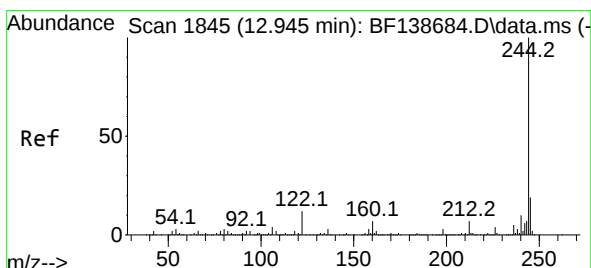
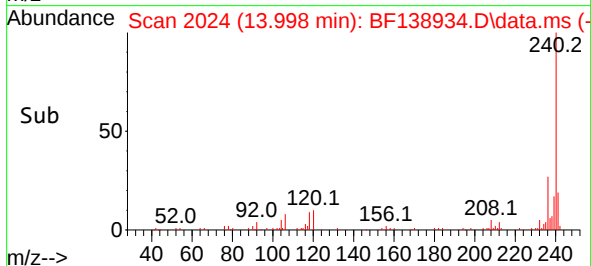
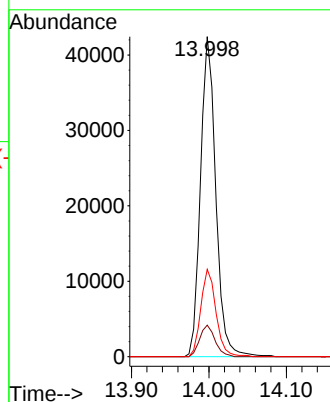
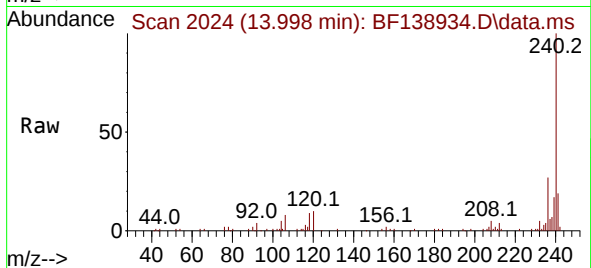
Tgt Ion:240 Resp: 58184

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

236 27.3 19.8 29.8



#79

Terphenyl-d14

Concen: 44.772 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF138934.D

Acq: 12 Aug 2024 15:15

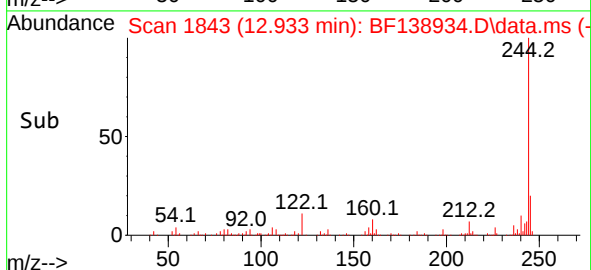
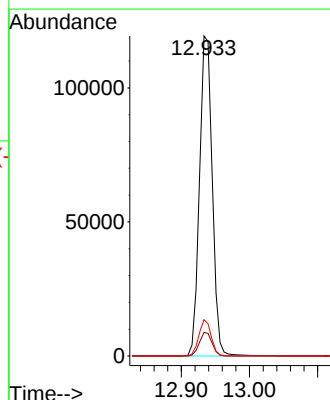
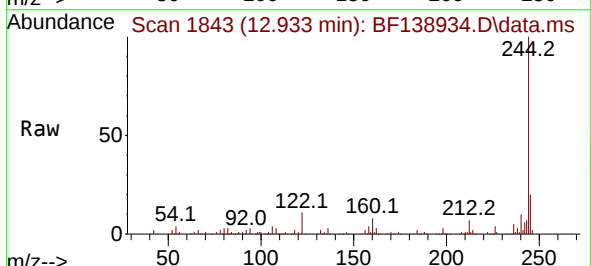
Tgt Ion:244 Resp: 155591

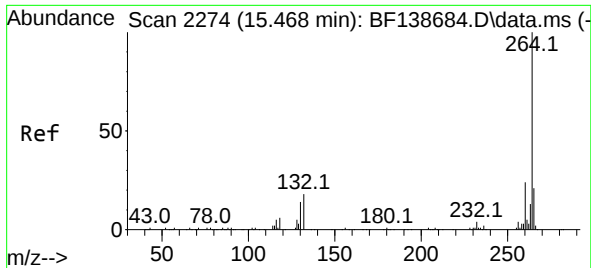
Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

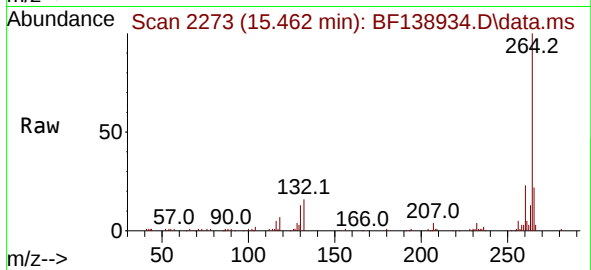
122 11.4 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138934.D
Acq: 12 Aug 2024 15:15

Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0-0.5-080724



Tgt Ion:	264	Resp:	71259
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.8	17.0	25.6

