

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138933.D
 Acq On : 12 Aug 2024 14:44
 Operator : RC/JU
 Sample : P3512-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 12 15:07:42 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)

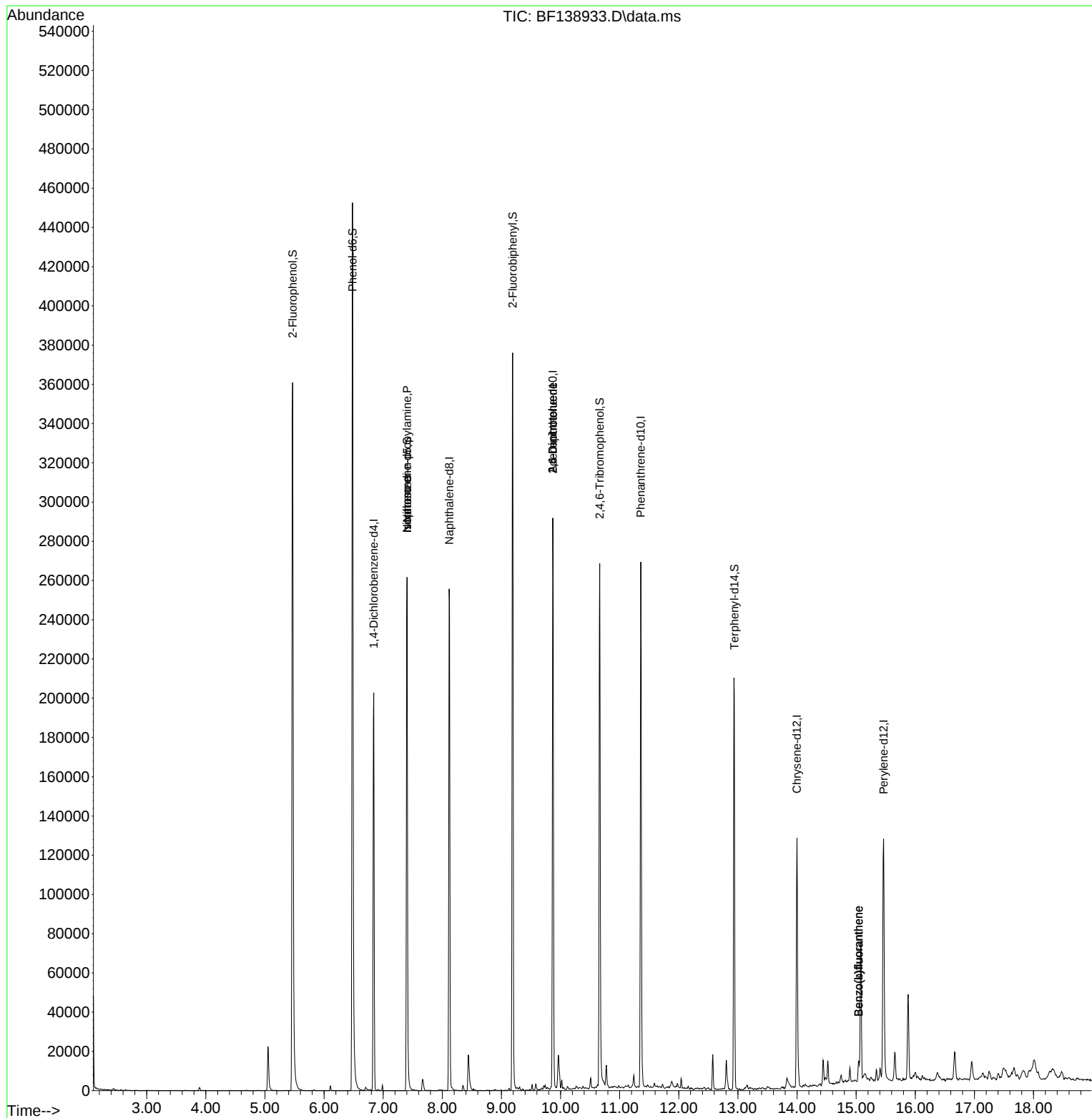
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	38582	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	159332	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	84810	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	133734	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	59521	20.000	ng	0.00
86) Perylene-d12	15.463	264	74605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	132056	52.835	ng	0.00
7) Phenol-d6	6.481	99	197087	58.732	ng	0.00
23) Nitrobenzene-d5	7.404	82	112231	34.438	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	40470	58.255	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	166042	29.416	ng	-0.01
79) Terphenyl-d14	12.939	244	99170	27.896	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	15969	7.879	ng	# 76
25) Isophorone	7.404	82	112230	20.168	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10473	8.557	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10473	6.707	ng	# 16
88) Benzo(b)fluoranthene	15.039	252	10049	2.173	ng	95
89) Benzo(k)fluoranthene	15.039	252	10049	2.510	ng	95

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

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927-K1-SD-0-0.5-080724

Quant Time: Aug 12 15:07:42 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

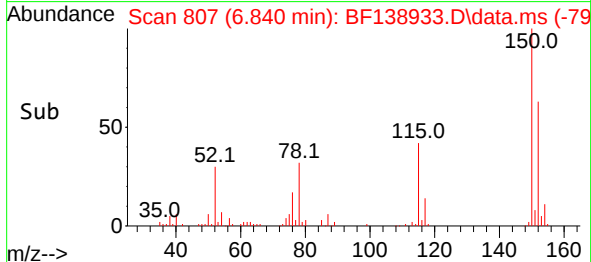
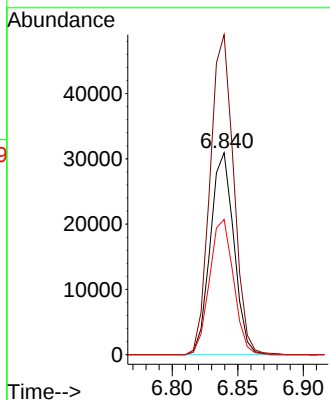
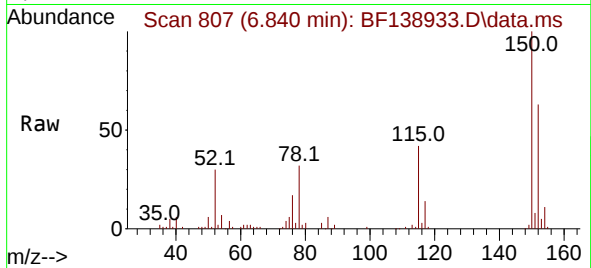




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

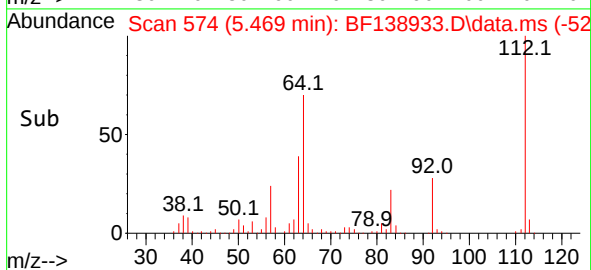
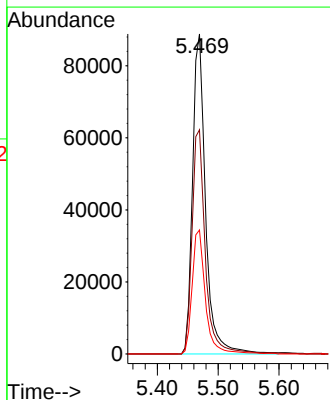
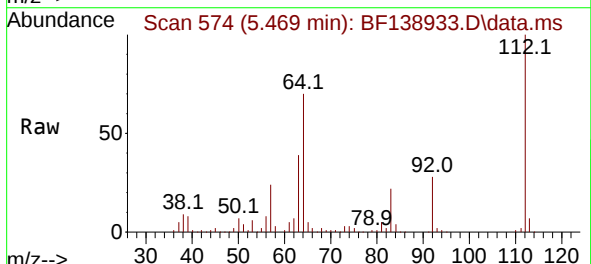
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

Tgt Ion:152 Resp: 38582
Ion Ratio Lower Upper
152 100
150 158.4 126.0 189.0
115 66.9 51.7 77.5



#5
2-Fluorophenol
Concen: 52.835 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion:112 Resp: 132056
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 38.8 28.7 43.1

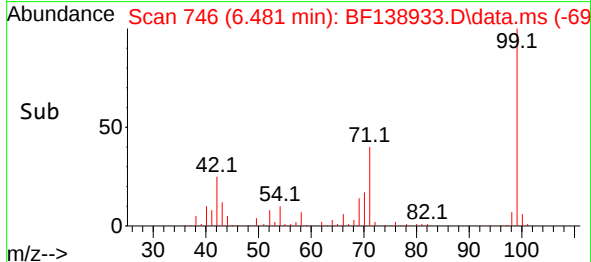
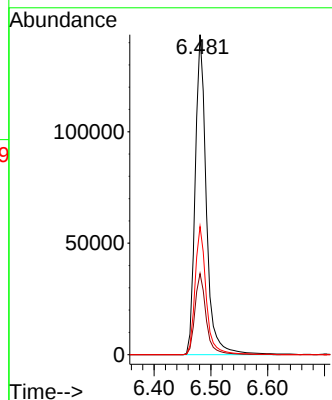
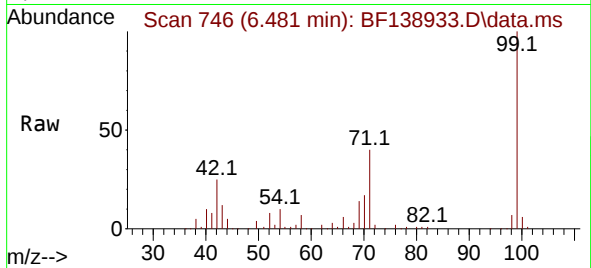




#7
Phenol-d6
Concen: 58.732 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

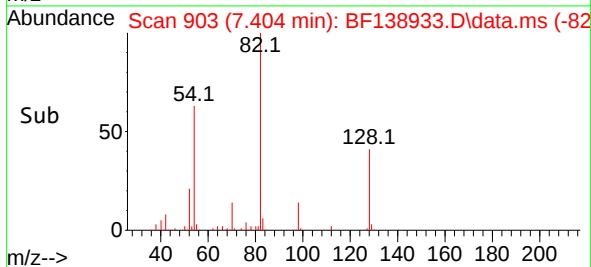
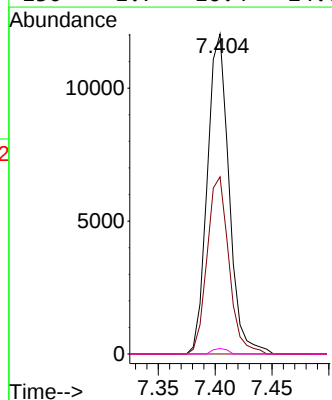
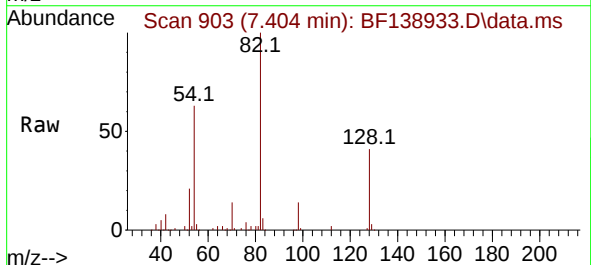
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

Tgt Ion: 99 Resp: 197087
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 7.879 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion: 70 Resp: 15969
Ion Ratio Lower Upper
70 100
42 55.4 57.4 86.0#
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#

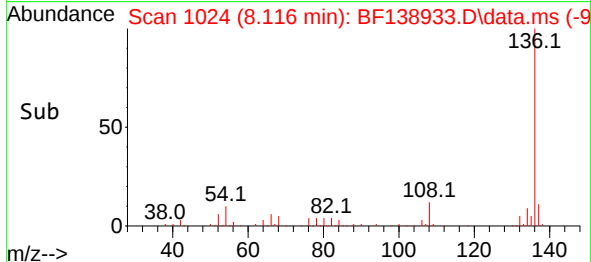
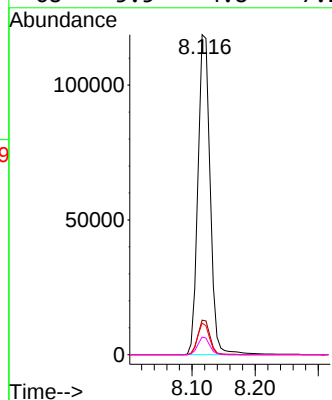
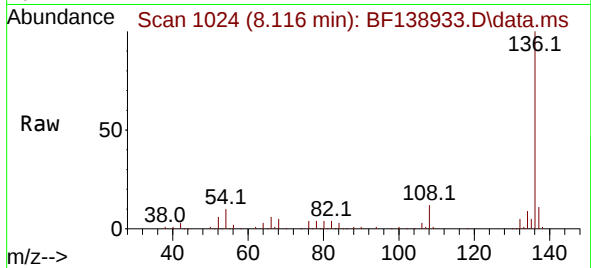




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

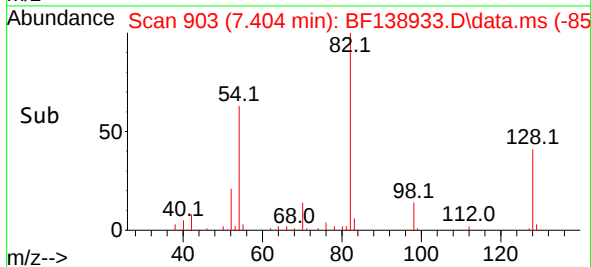
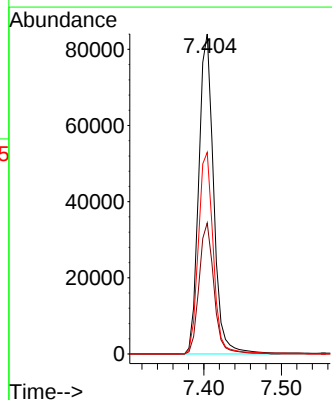
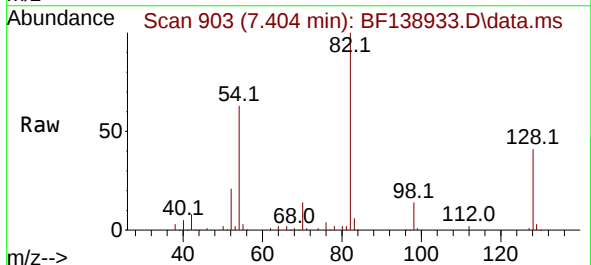
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

Tgt Ion:	136	Resp:	159332
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.9	8.6	12.8
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 34.438 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion:	82	Resp:	112231
Ion Ratio	Lower	Upper	
82	100		
128	41.0	32.8	49.2
54	63.0	48.3	72.5

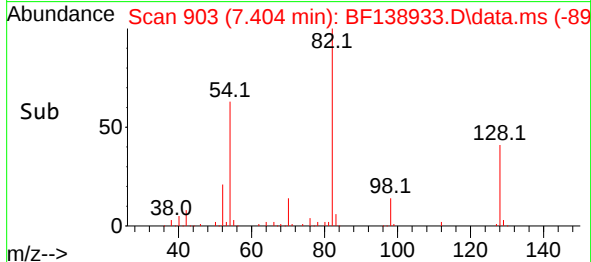
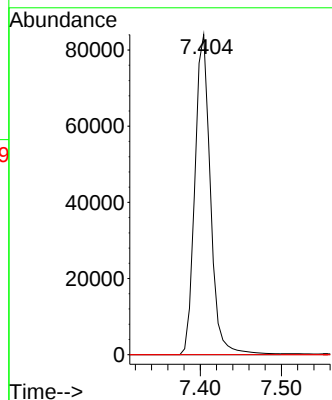
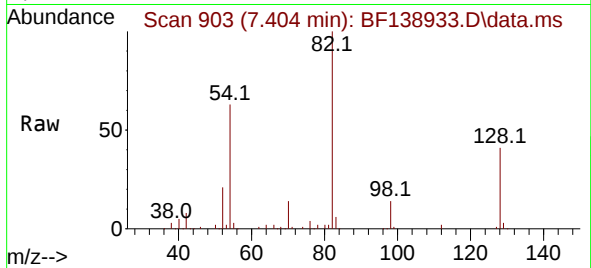




#25
Isophorone
Concen: 20.168 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

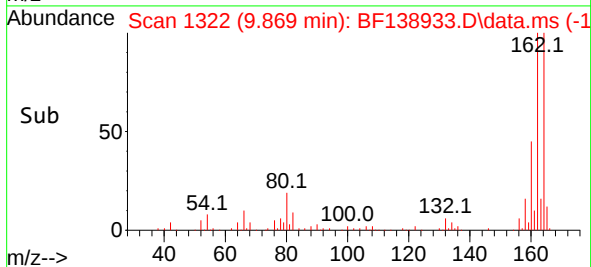
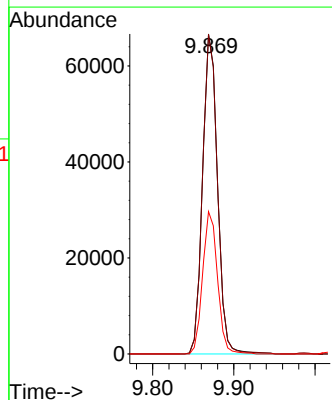
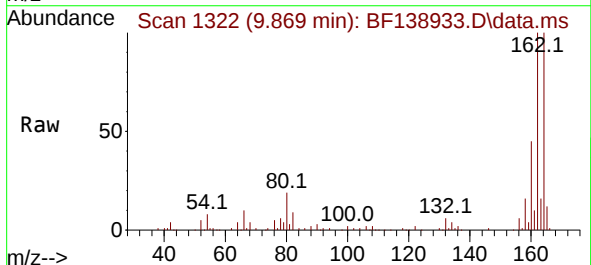
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

Tgt Ion: 82 Resp: 112230
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: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion:164 Resp: 84810
Ion Ratio Lower Upper
164 100
162 99.8 79.4 119.0
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 58.255 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138933.D

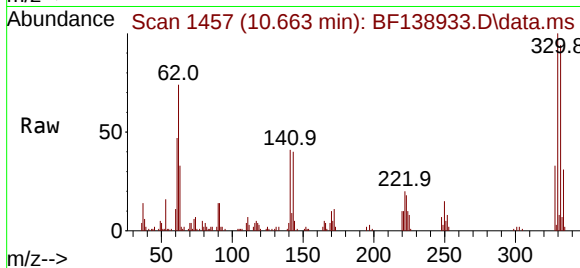
Acq: 12 Aug 2024 14:44

Instrument :

BNA_F

ClientSampleId :

927-K1-SD-0-0.5-080724



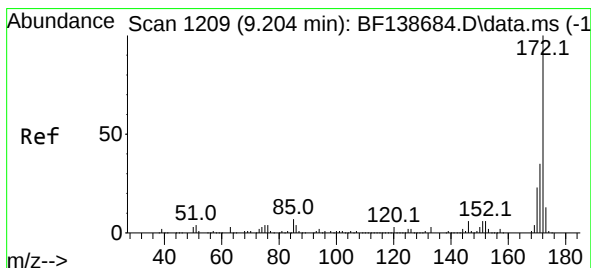
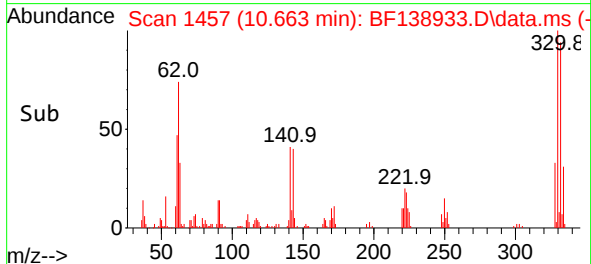
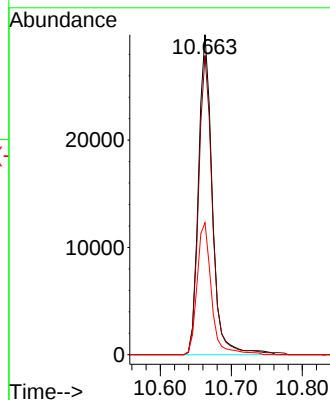
Tgt Ion:330 Resp: 40470

Ion Ratio Lower Upper

330 100

332 94.6 76.4 114.6

141 42.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 29.416 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138933.D

Acq: 12 Aug 2024 14:44

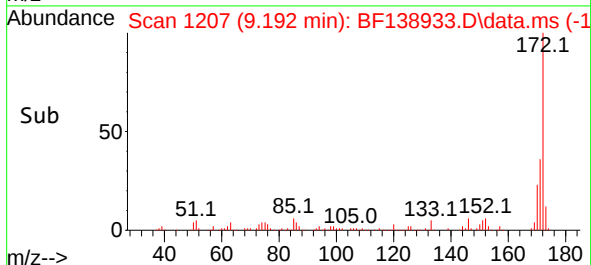
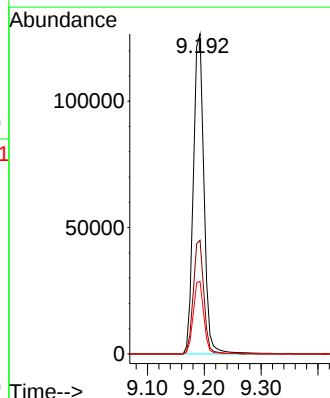
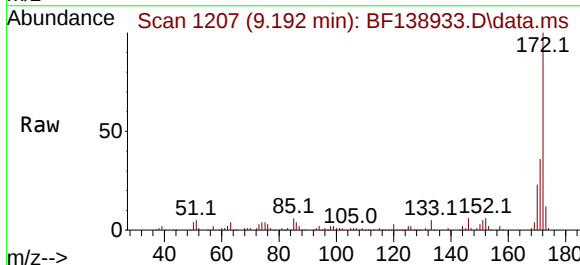
Tgt Ion:172 Resp: 166042

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 22.7 18.8 28.2

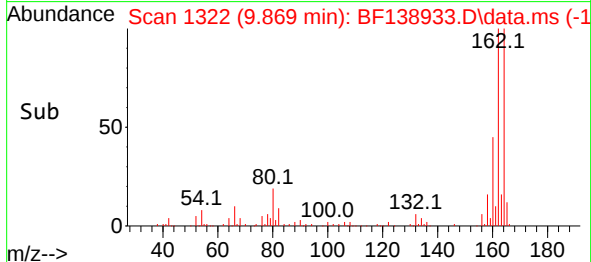
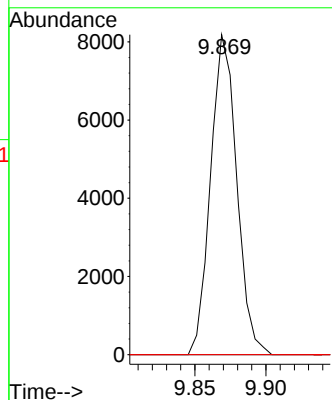
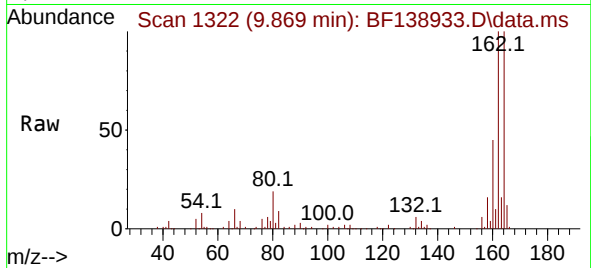




#51
2,6-Dinitrotoluene
Concen: 8.557 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

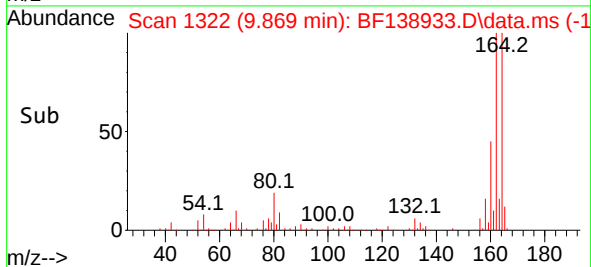
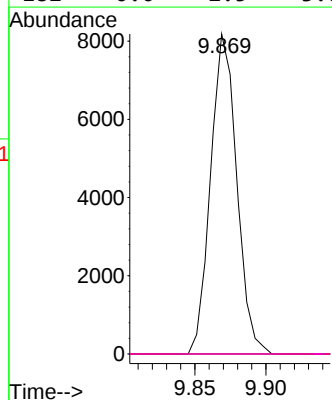
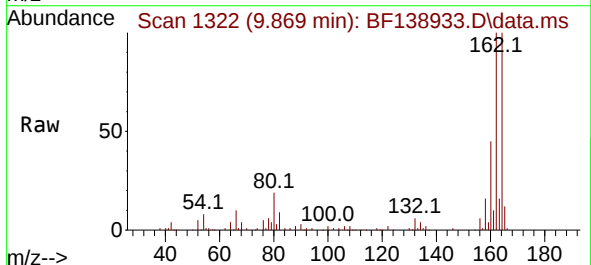
Instrument :
BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

Tgt Ion:165 Resp: 10473
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: 6.707 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion:165 Resp: 10473
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#

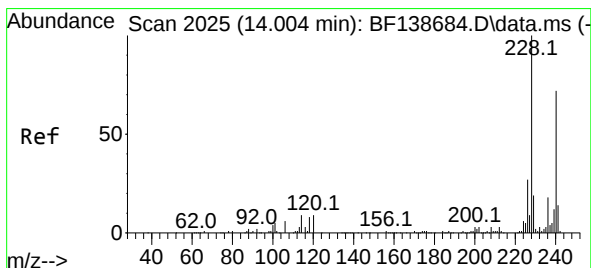
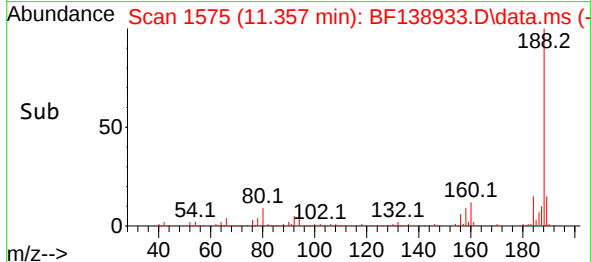
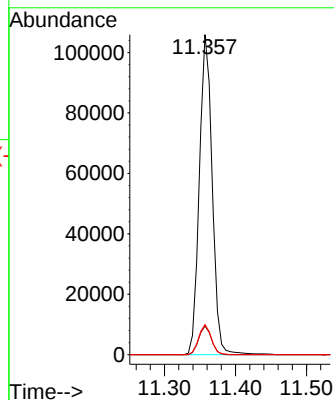
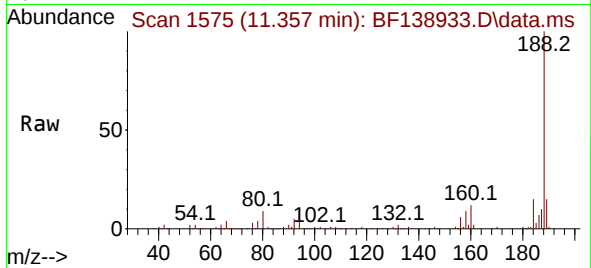




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

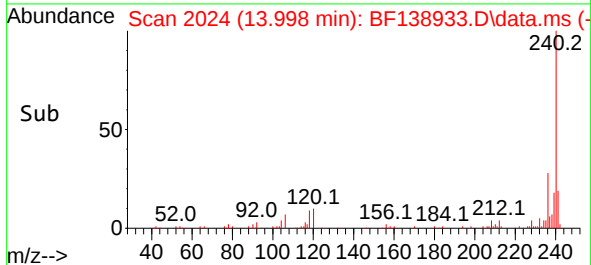
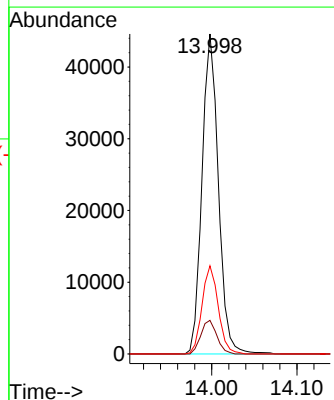
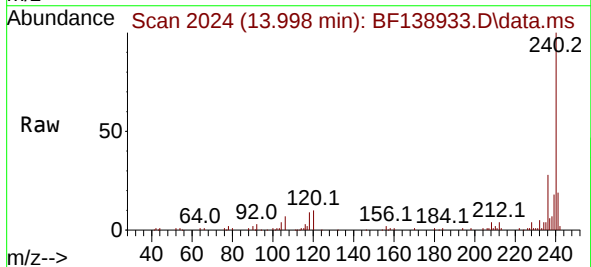
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BNA_F
ClientSampleId :
927-K1-SD-0-0.5-080724

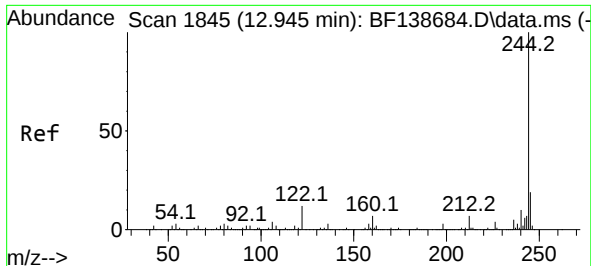
Tgt Ion:188 Resp: 133734
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

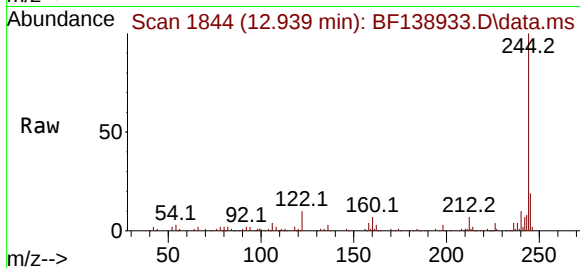
Tgt Ion:240 Resp: 59521
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 27.6 19.8 29.8



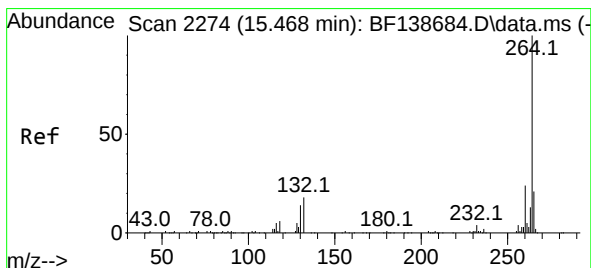
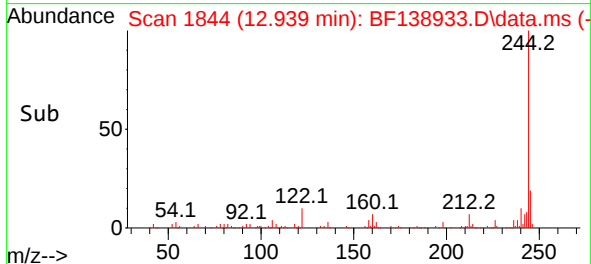
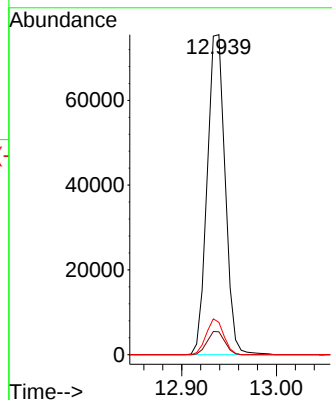


#79
 Terphenyl-d14
 Concen: 27.896 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138933.D
 Acq: 12 Aug 2024 14:44

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

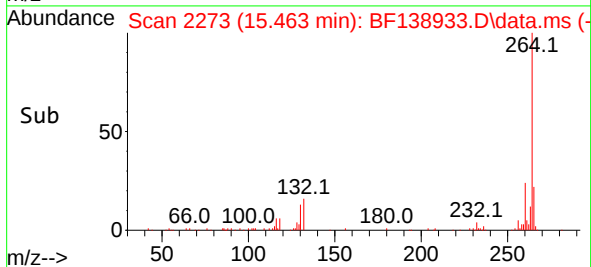
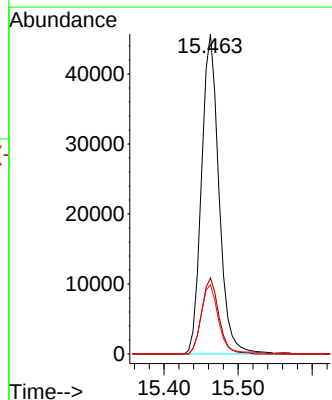
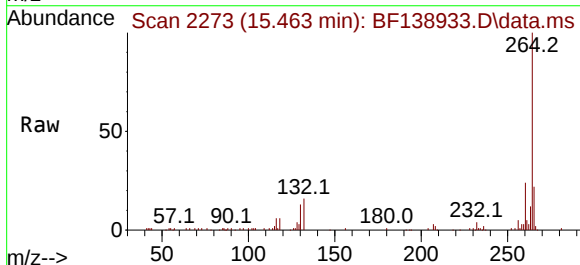


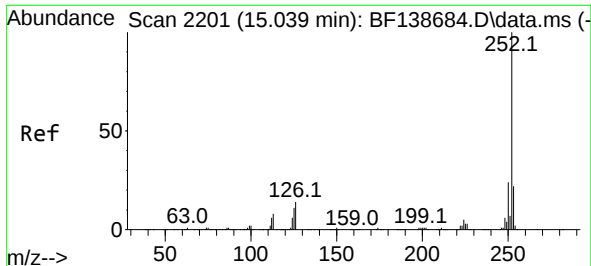
Tgt Ion:244 Resp: 99170
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138933.D
 Acq: 12 Aug 2024 14:44

Tgt Ion:264 Resp: 74605
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.6 17.0 25.6

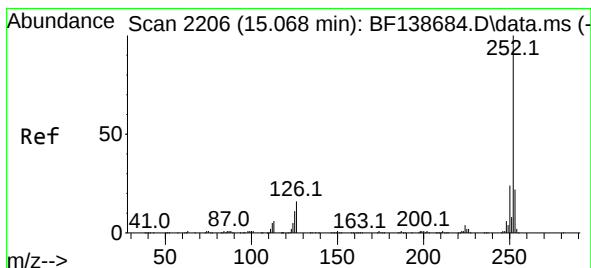
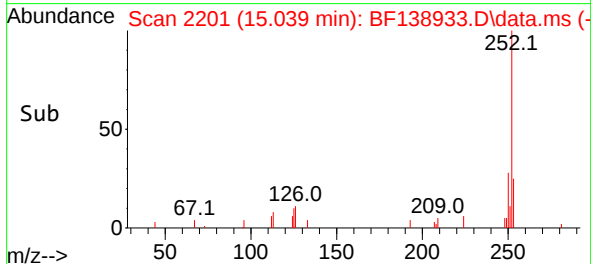
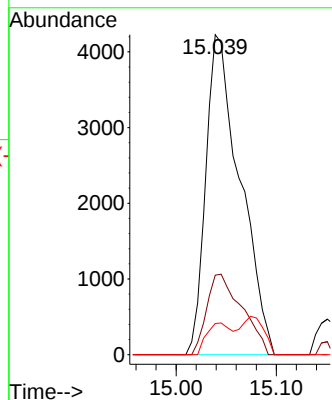
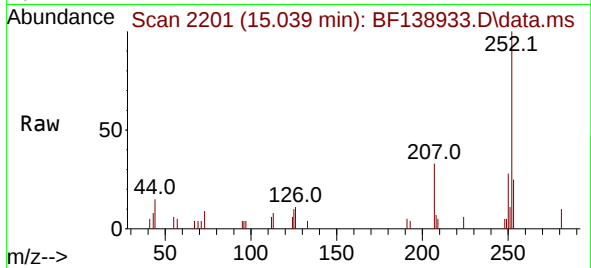




#88
Benzo(b)fluoranthene
Concen: 2.173 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

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

Tgt Ion:	252	Resp:	10049
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.5	26.3
125	9.8	8.9	13.3



#89
Benzo(k)fluoranthene
Concen: 2.510 ng
RT: 15.039 min Scan# 2201
Delta R.T. -0.029 min
Lab File: BF138933.D
Acq: 12 Aug 2024 14:44

Tgt Ion:	252	Resp:	10049
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.4	26.0
125	9.8	8.6	13.0

