

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138872.D
 Acq On : 08 Aug 2024 18:31
 Operator : RC/JU
 Sample : P3488-03 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-080624

Quant Time: Aug 08 18:54:41 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)

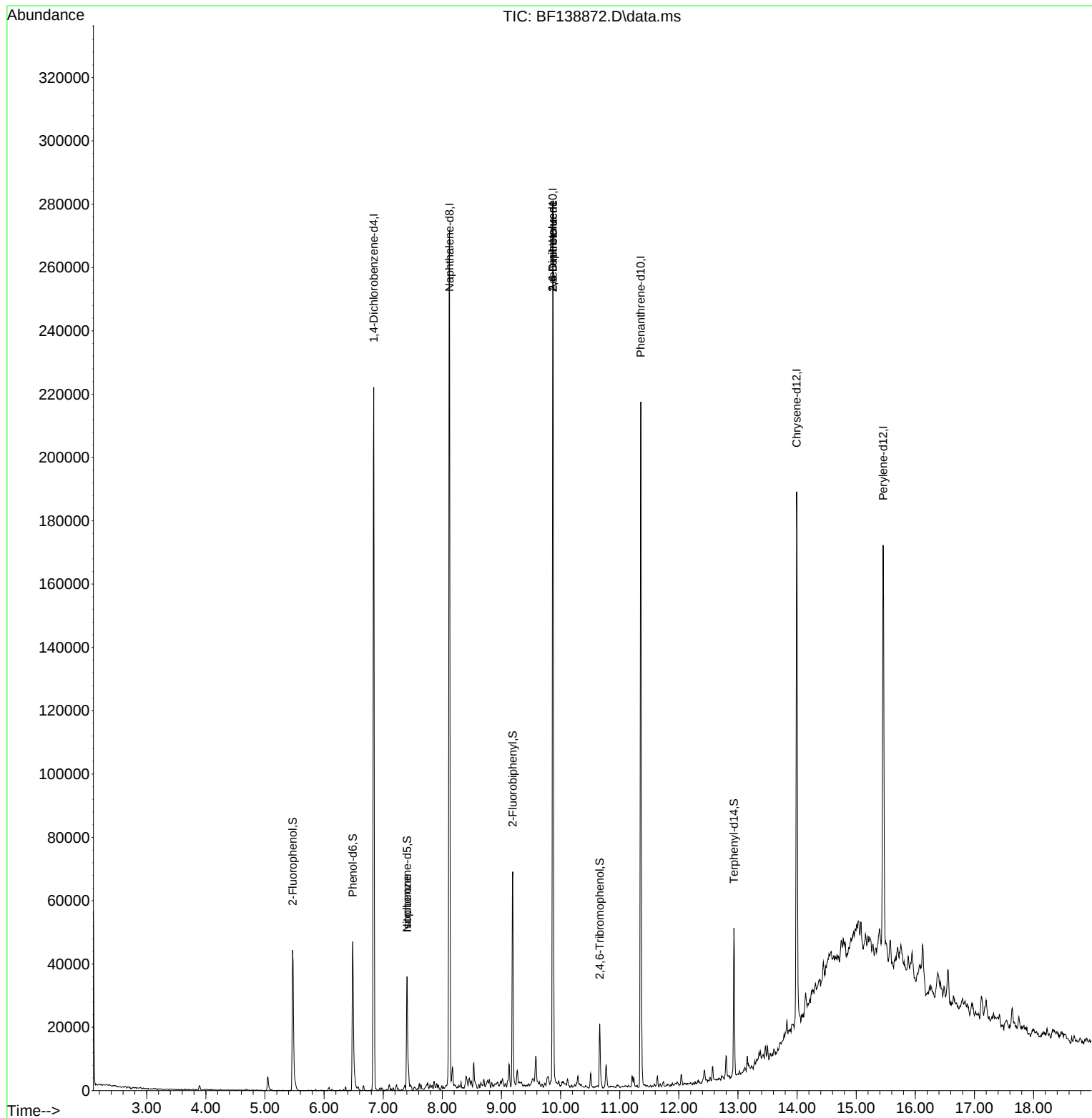
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	42013	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	164751	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	79632	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	109846	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	76206	20.000	ng	#-0.01
86) Perylene-d12	15.457	264	67727	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	18909	6.948	ng	0.00
7) Phenol-d6	6.487	99	26062	7.132	ng	0.00
23) Nitrobenzene-d5	7.404	82	16436	4.878	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	3445	5.281	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	30396	5.735	ng	-0.01
79) Terphenyl-d14	12.933	244	21751	4.779	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.404	82	16438	2.857	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10022	8.721	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10022	6.836	ng	# 16

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

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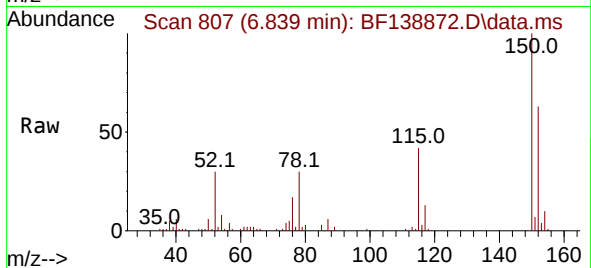
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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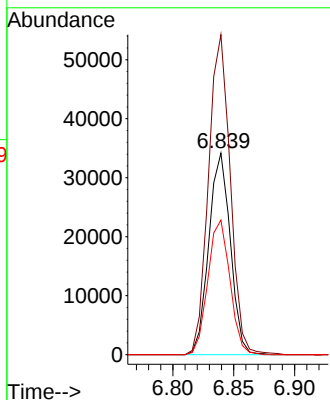
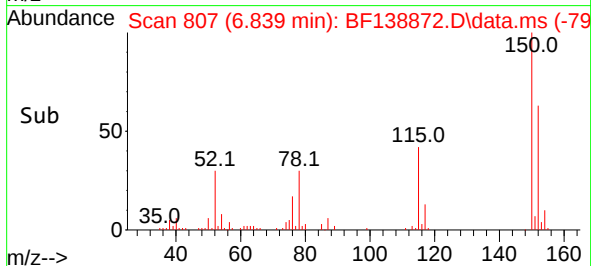


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138872.D
Acq: 08 Aug 2024 18:31

Instrument :
BNA_F
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HD-02-080624

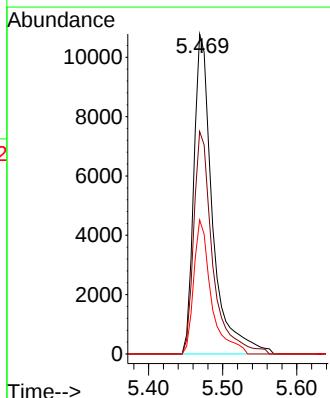
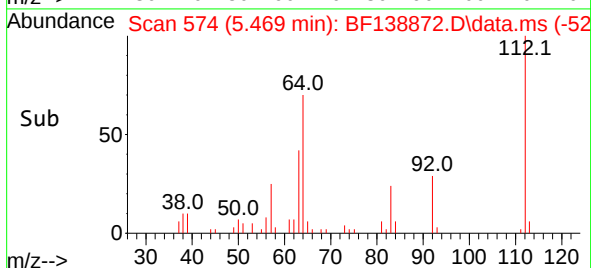
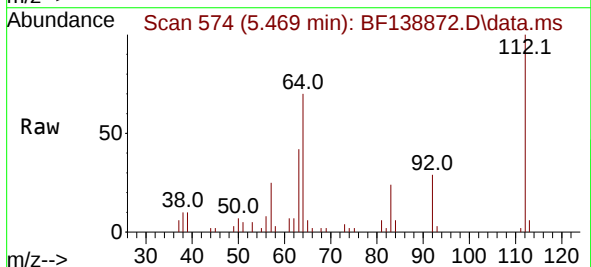


Tgt Ion:152 Resp: 42013
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 6.948 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138872.D
Acq: 08 Aug 2024 18:31

Tgt Ion:112 Resp: 18909
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 41.9 28.7 43.1





#7

Phenol-d6

Concen: 7.132 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

Instrument :

BNA_F

ClientSampleId :

HD-02-080624

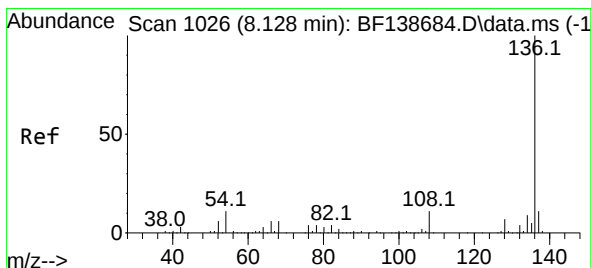
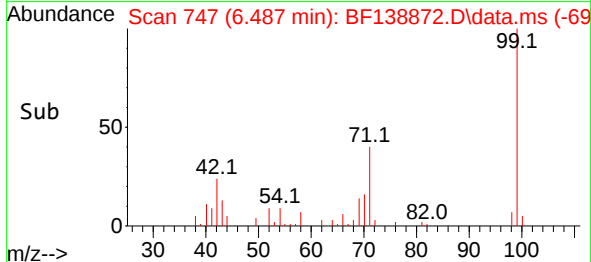
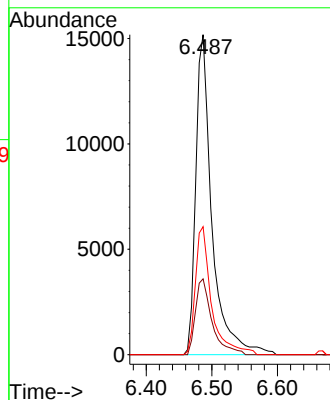
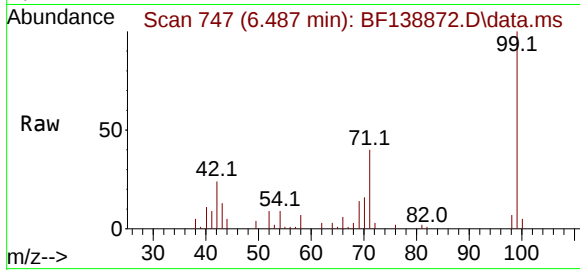
Tgt Ion: 99 Resp: 26062

Ion Ratio Lower Upper

99 100

42 23.7 17.4 26.0

71 40.0 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

Tgt Ion: 136 Resp: 164751

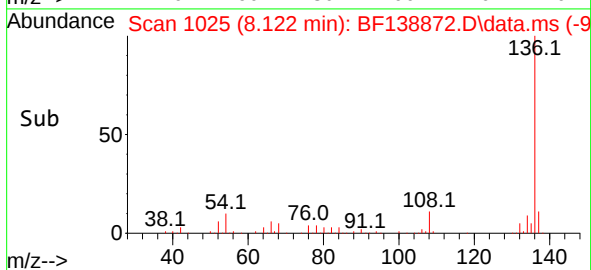
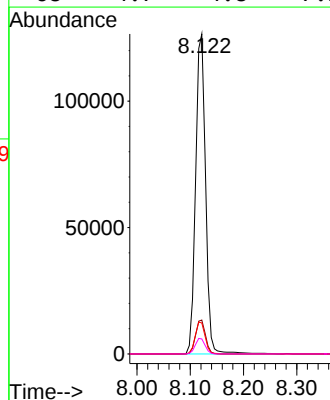
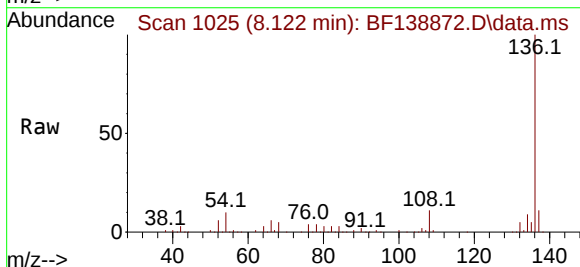
Ion Ratio Lower Upper

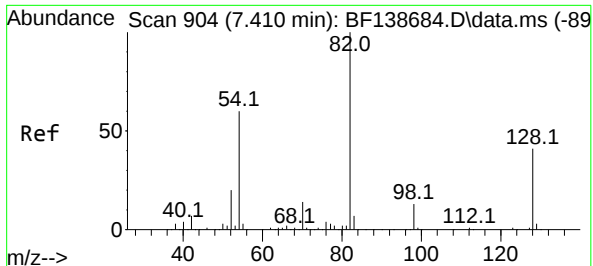
136 100

137 10.6 8.9 13.3

54 9.7 8.6 12.8

68 4.7 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 4.878 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

Instrument :

BNA_F

ClientSampleId :

HD-02-080624

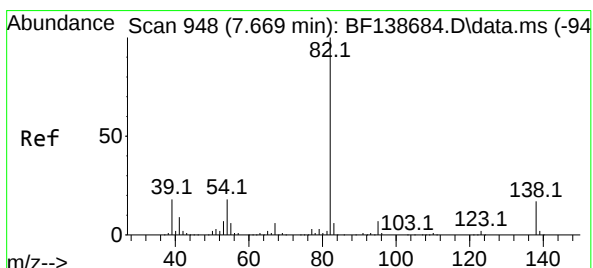
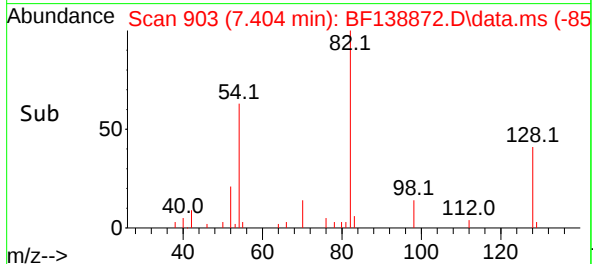
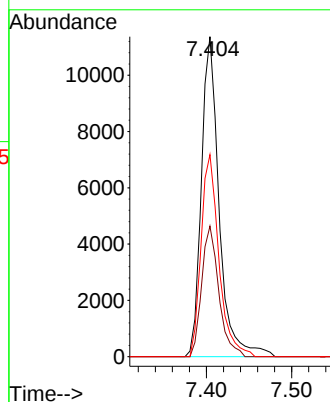
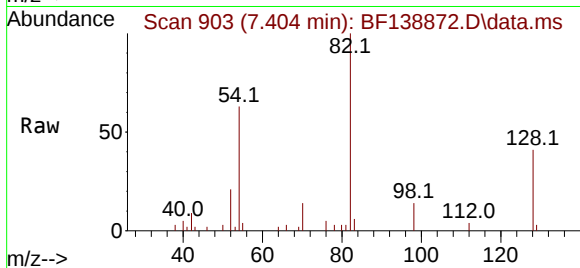
Tgt Ion: 82 Resp: 16436

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 63.1 48.3 72.5



#25

Isophorone

Concen: 2.857 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.265 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

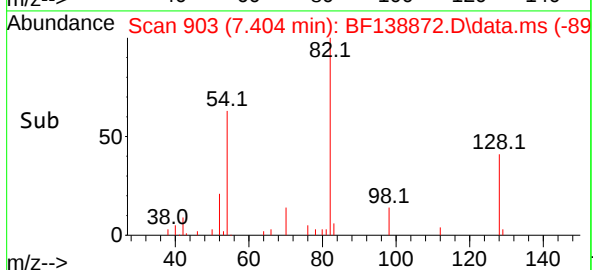
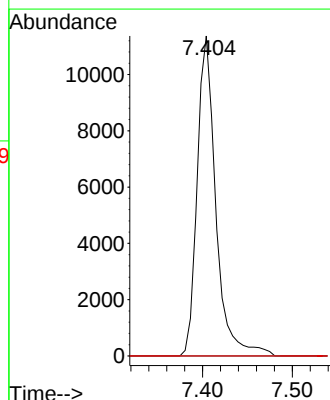
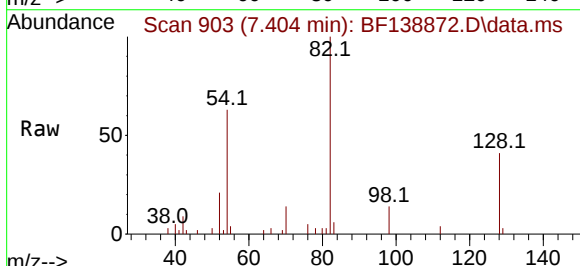
Tgt Ion: 82 Resp: 16438

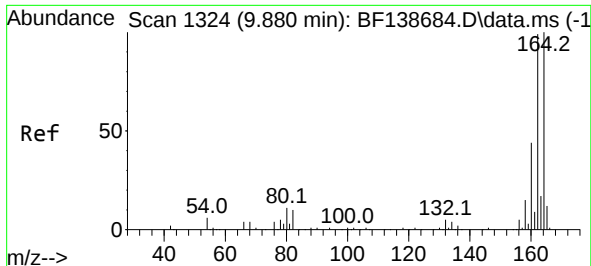
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.011 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

Instrument :

BNA_F

ClientSampleId :

HD-02-080624

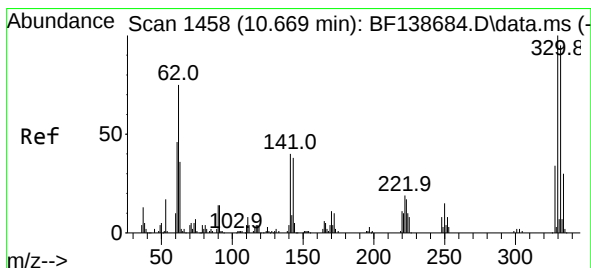
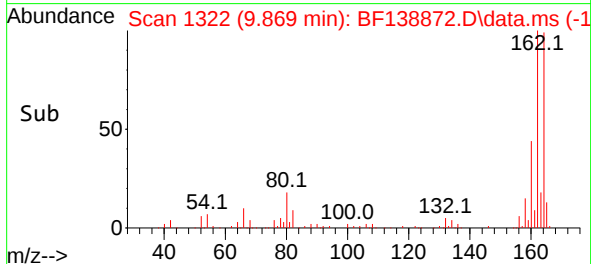
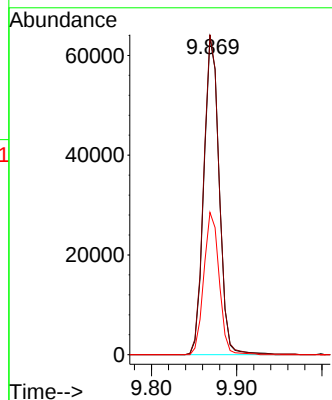
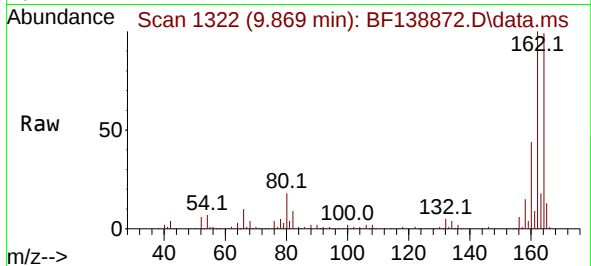
Tgt Ion:164 Resp: 79632

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.0

160 44.9 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 5.281 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

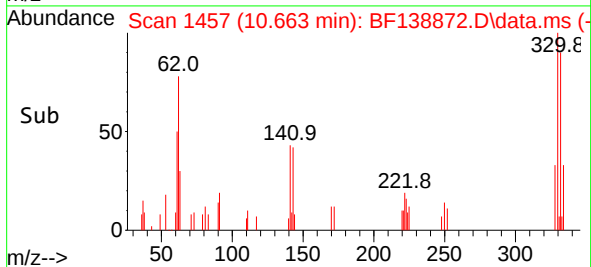
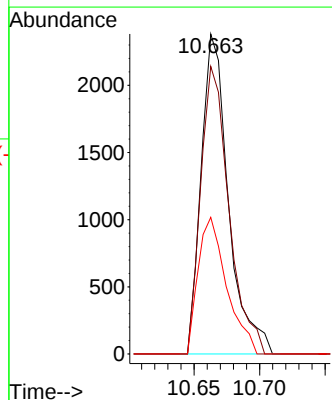
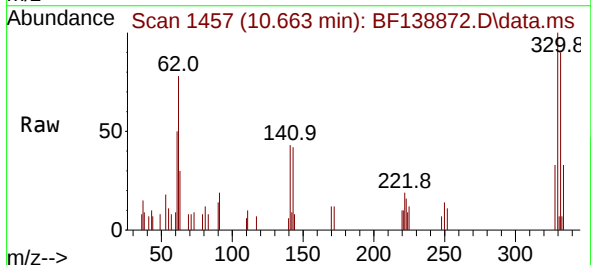
Tgt Ion:330 Resp: 3445

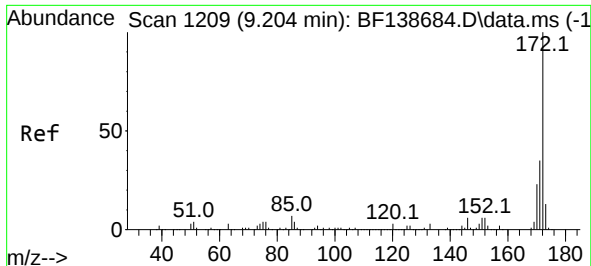
Ion Ratio Lower Upper

330 100

332 92.8 76.4 114.6

141 44.8 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 5.735 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

Instrument :

BNA_F

ClientSampleId :

HD-02-080624

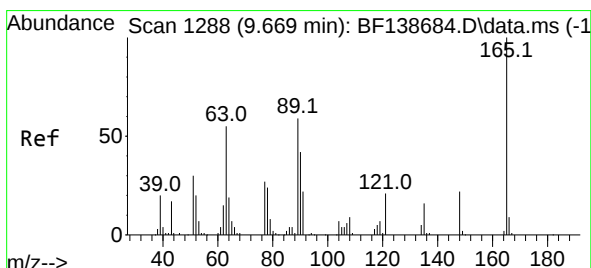
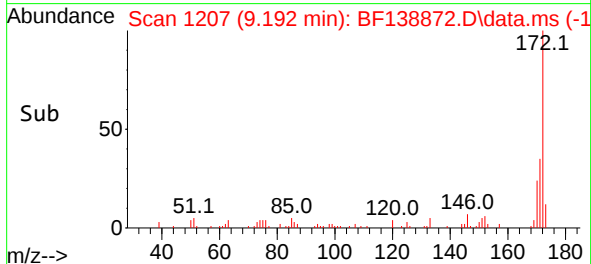
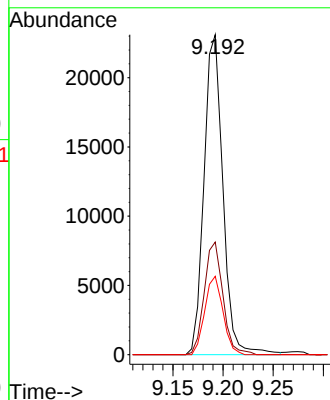
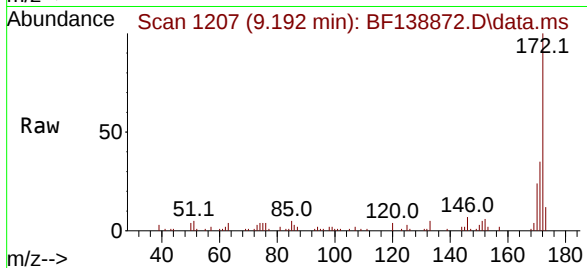
Tgt Ion:172 Resp: 30396

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.5 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.721 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF138872.D

Acq: 08 Aug 2024 18:31

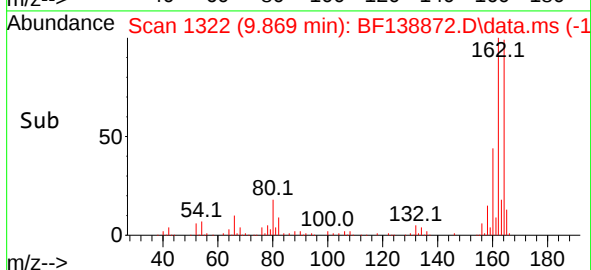
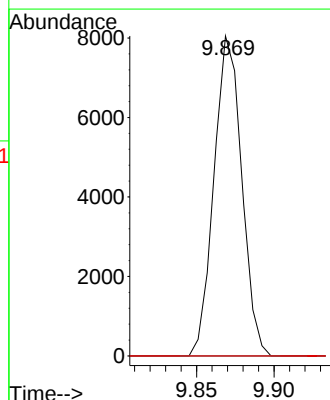
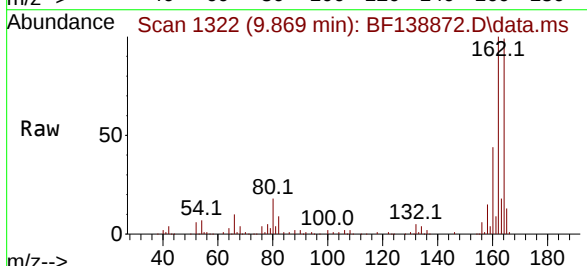
Tgt Ion:165 Resp: 10022

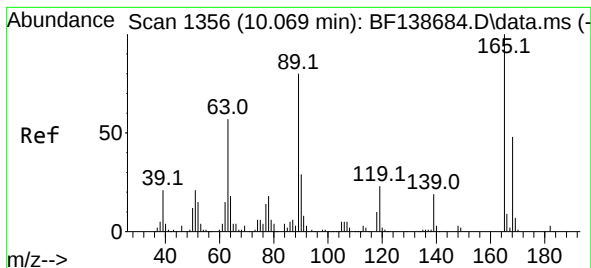
Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#

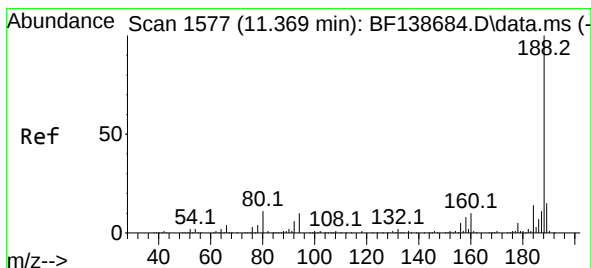
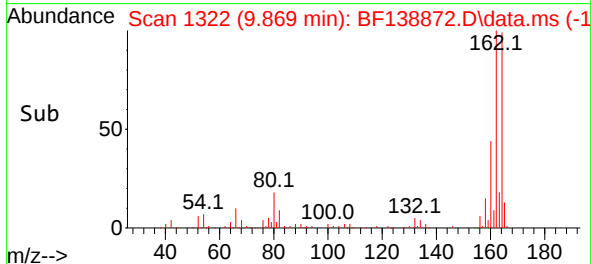
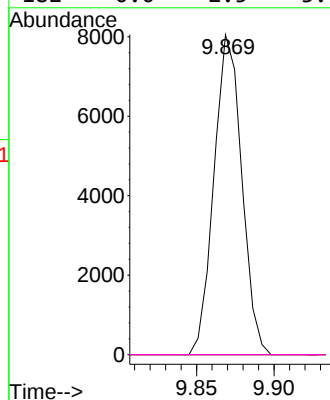
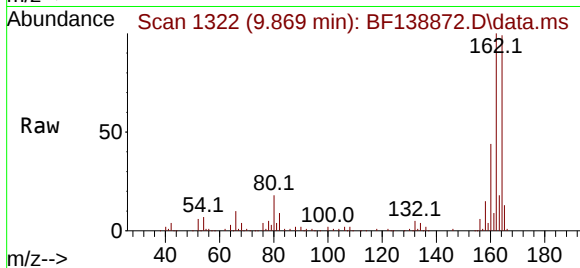




#57
2,4-Dinitrotoluene
Concen: 6.836 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138872.D
Acq: 08 Aug 2024 18:31

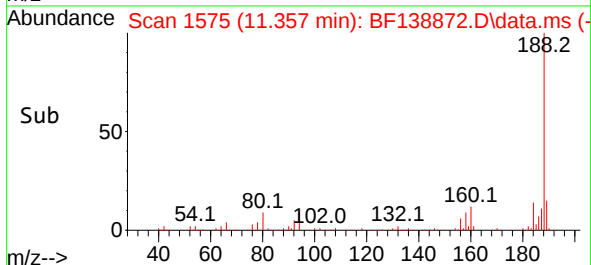
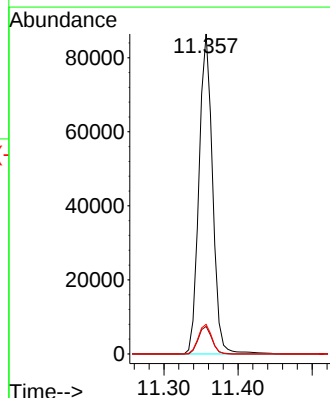
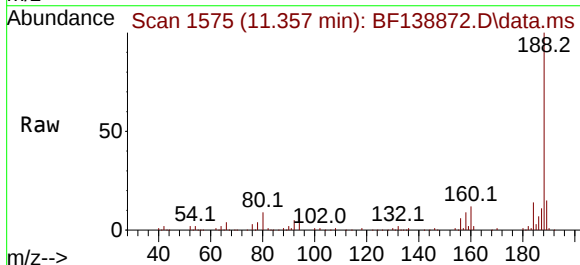
Instrument :
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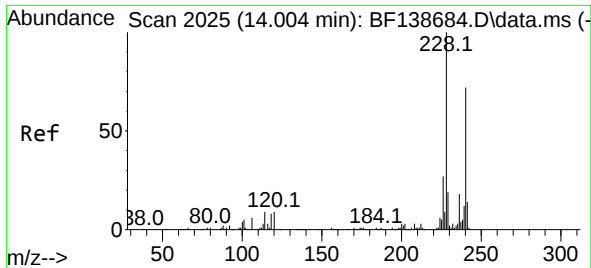
Tgt Ion:165	Resp:	10022
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.3 69.5#
89	0.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138872.D
Acq: 08 Aug 2024 18:31

Tgt Ion:188	Resp:	109846
Ion Ratio	Lower	Upper
188	100	
94	8.6	7.6 11.4
80	9.3	8.6 12.8

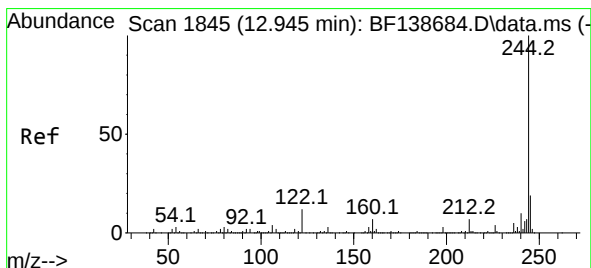
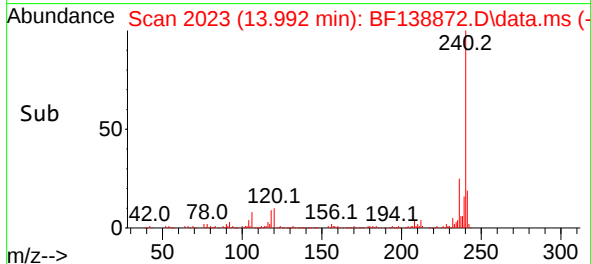
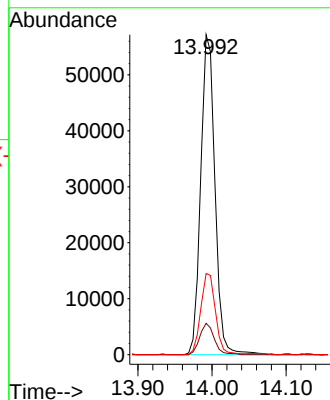
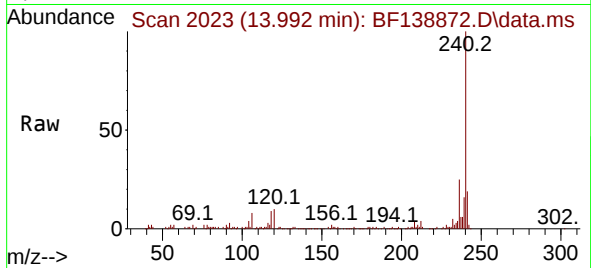




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF138872.D
Acq: 08 Aug 2024 18:31

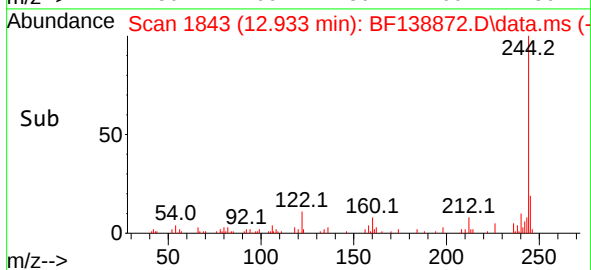
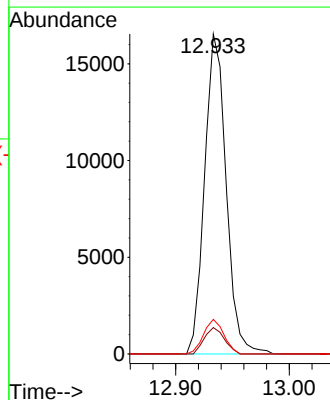
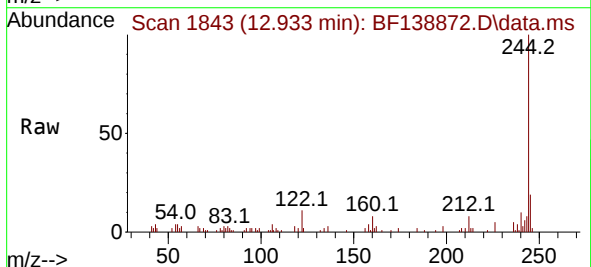
Instrument :
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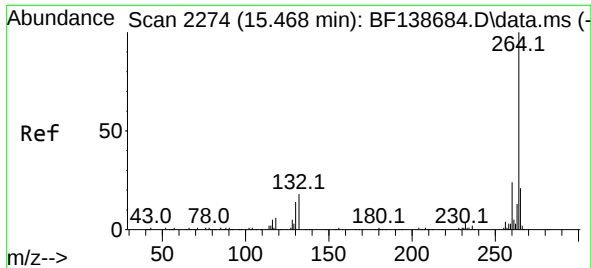
Tgt Ion:240 Resp: 76206
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.4 19.8 29.8



#79
Terphenyl-d14
Concen: 4.779 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF138872.D
Acq: 08 Aug 2024 18:31

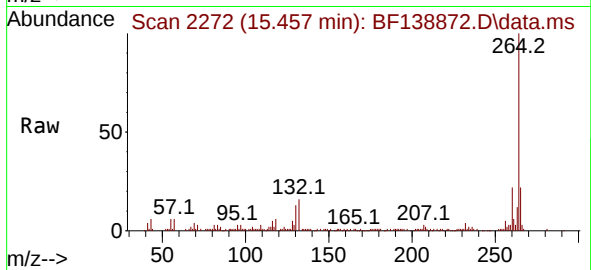
Tgt Ion:244 Resp: 21751
Ion Ratio Lower Upper
244 100
212 8.3 5.4 8.2#
122 10.8 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138872.D
 Acq: 08 Aug 2024 18:31

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-080624



Tgt Ion:264 Resp: 67727

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.6
265	21.5	17.0	25.6

