

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034143.D
 Acq On : 22 Sep 2024 02:59
 Operator : JU/RC
 Sample : P4111-01
 Misc :
 ALS Vial : 108 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240918

Quant Time: Sep 23 00:02:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

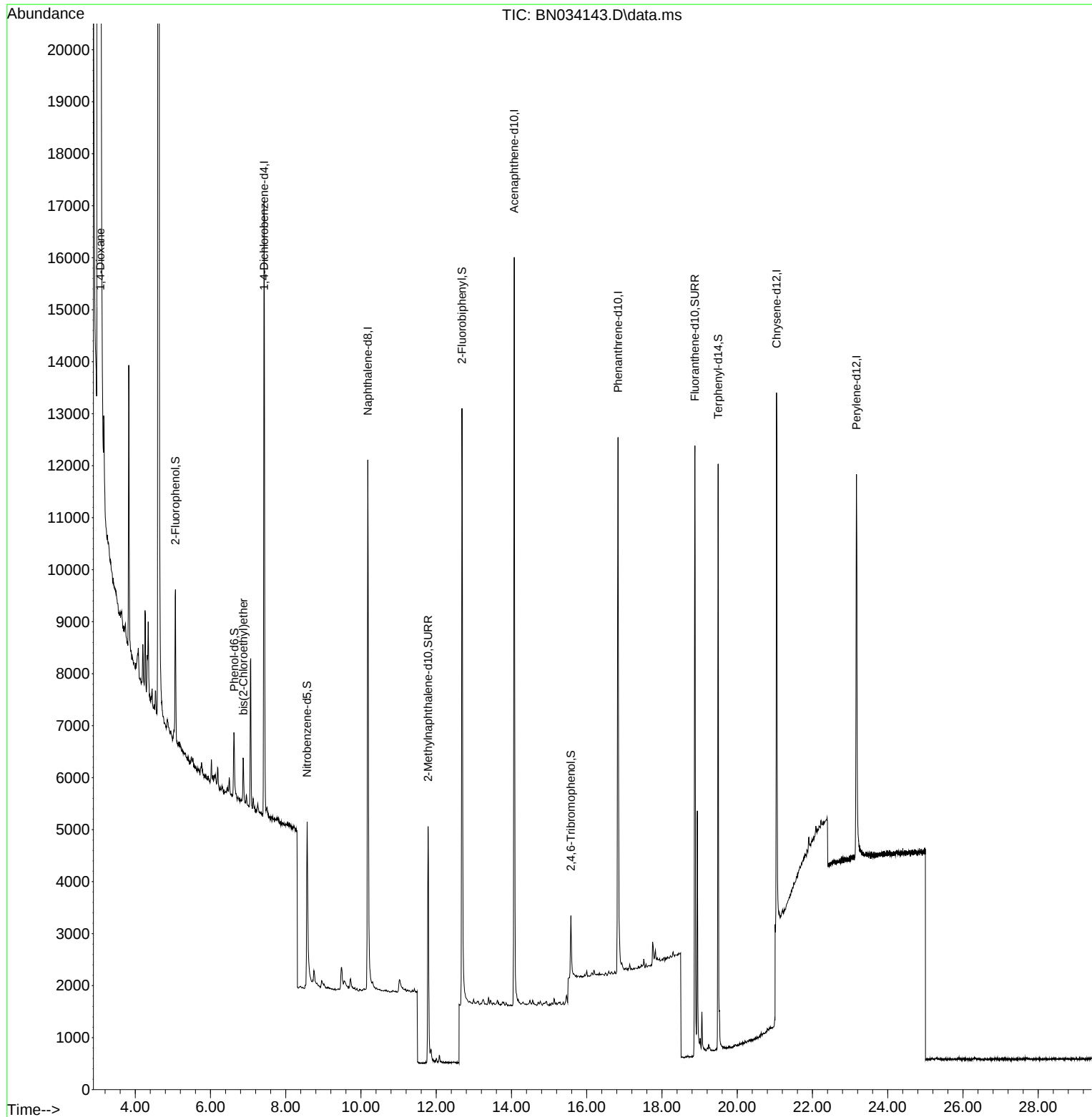
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	5853	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	15081	0.400	ng	#-0.02
13) Acenaphthene-d10	14.072	164	8155	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	15584	0.400	ng	0.00
29) Chrysene-d12	21.044	240	10906	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	10163	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2238	0.135	ng	0.00
5) Phenol-d6	6.629	99	1277	0.066	ng	0.00
8) Nitrobenzene-d5	8.568	82	3496	0.303	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7034	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	806	0.218	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	11756	0.354	ng	-0.02
27) Fluoranthene-d10	18.876	212	14317	0.364	ng	-0.01
31) Terphenyl-d14	19.494	244	10670	0.490	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	48318	6.603	ng	# 87
6) bis(2-Chloroethyl)ether	6.874	93	585	0.034	ng	92

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

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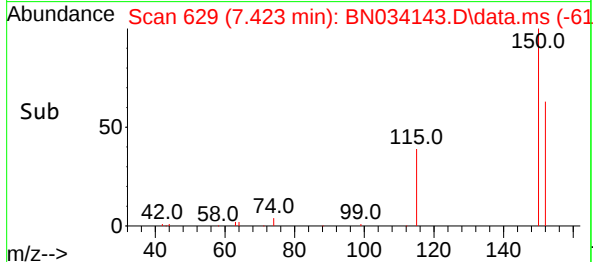
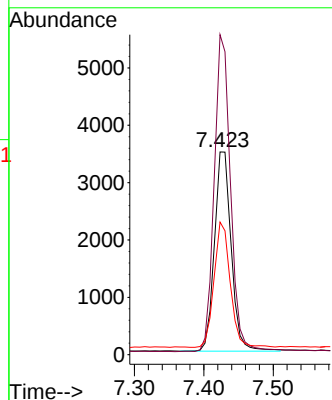
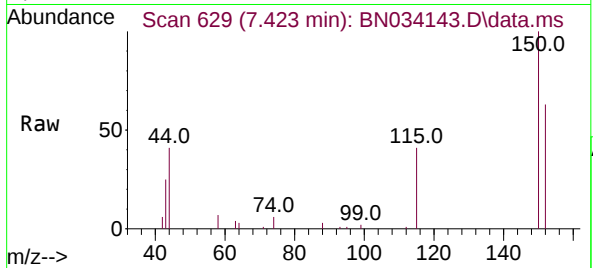




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.423 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN034143.D
 Acq: 22 Sep 2024 02:59

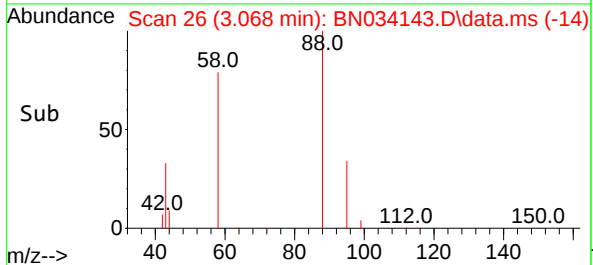
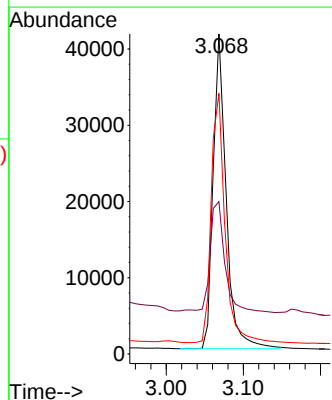
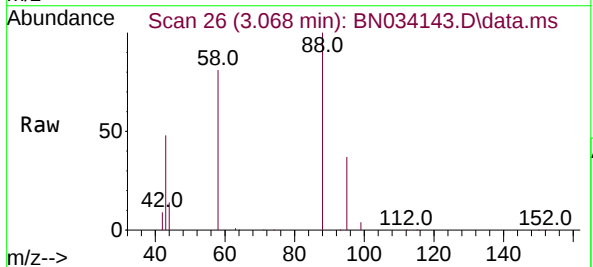
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240918

Tgt Ion:152 Resp: 5853
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 187.0
 115 65.4 50.0 75.0



#2
 1,4-Dioxane
 Concen: 6.603 ng
 RT: 3.068 min Scan# 26
 Delta R.T. -0.013 min
 Lab File: BN034143.D
 Acq: 22 Sep 2024 02:59

Tgt Ion: 88 Resp: 48318
 Ion Ratio Lower Upper
 88 100
 43 40.8 25.8 38.8#
 58 83.3 58.8 88.2

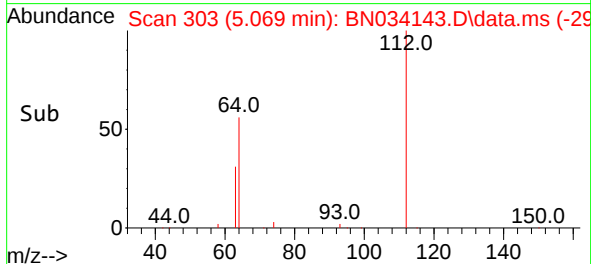
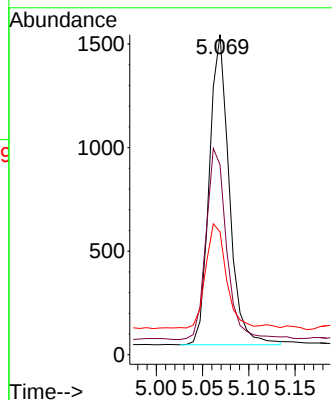
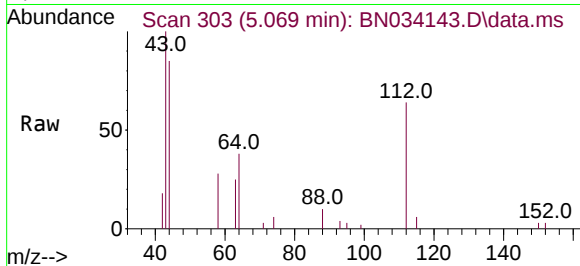




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

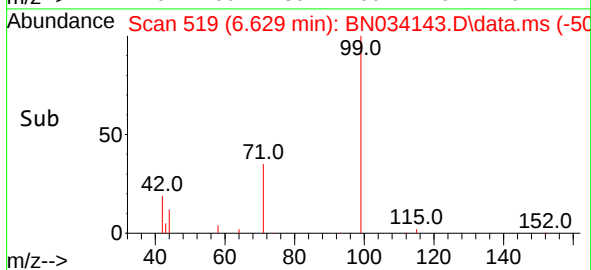
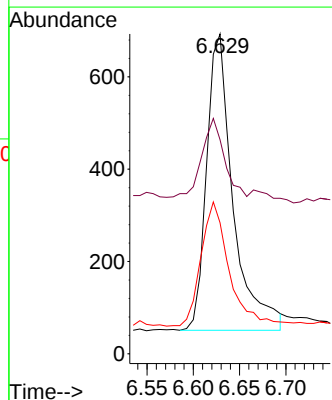
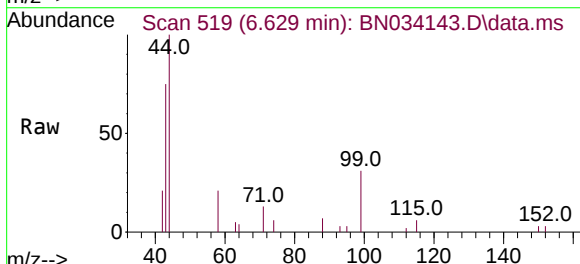
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918

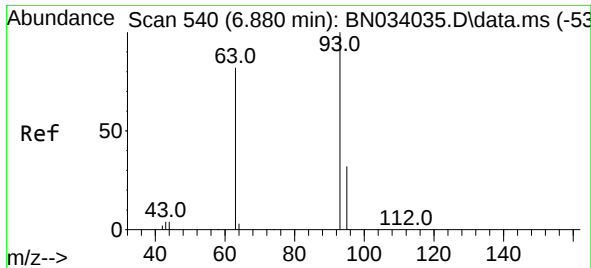
Tgt Ion:112 Resp: 2238
Ion Ratio Lower Upper
112 100
64 63.5 48.6 72.8
63 34.8 25.6 38.4



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

Tgt Ion: 99 Resp: 1277
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.8
71 44.5 26.2 39.2#

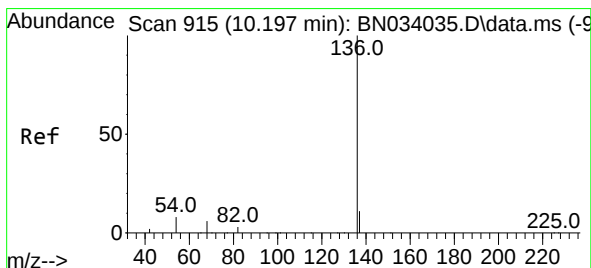
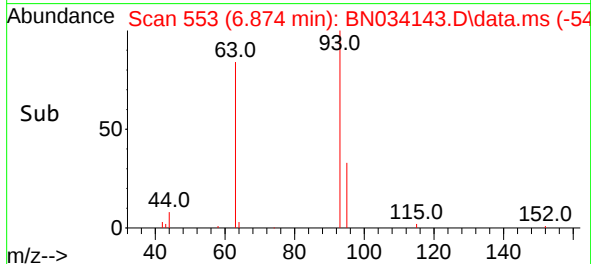
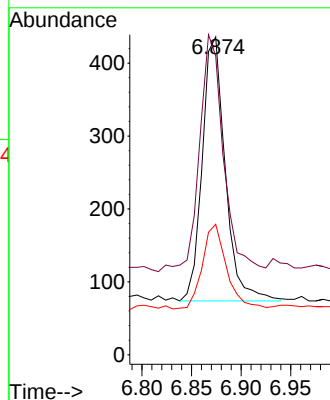
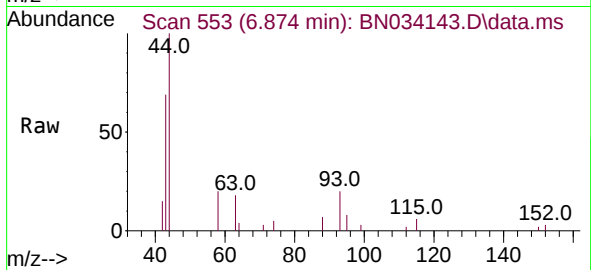




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 6.874 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

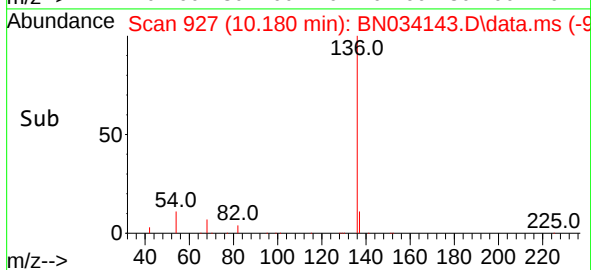
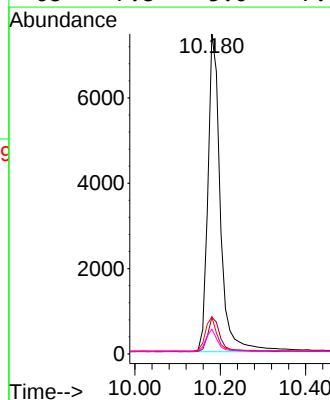
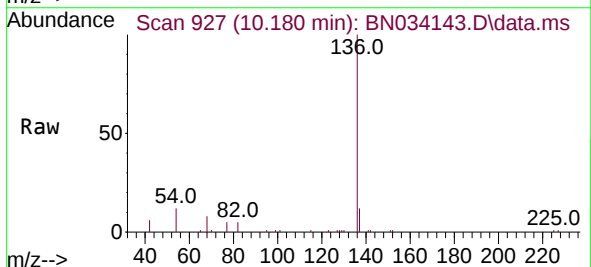
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918

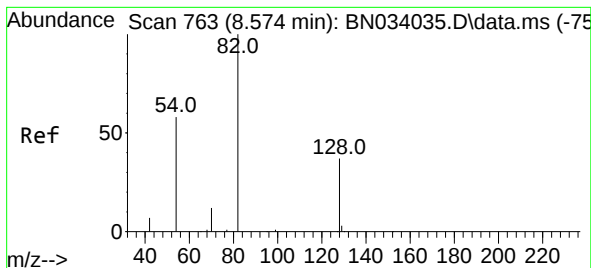
Tgt Ion:	93	Resp:	585
Ion	Ratio	Lower	Upper
93	100		
63	93.5	67.3	100.9
95	33.7	26.8	40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

Tgt Ion:	136	Resp:	15081
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.6	6.8	10.2#
68	7.8	5.0	7.6#





#8

Nitrobenzene-d5

Concen: 0.303 ng

RT: 8.568 min Scan# 71

Delta R.T. -0.006 min

Lab File: BN034143.D

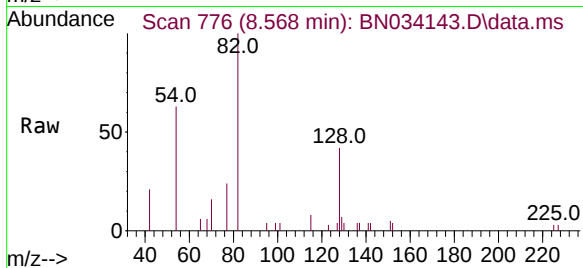
Acq: 22 Sep 2024 02:59

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240918



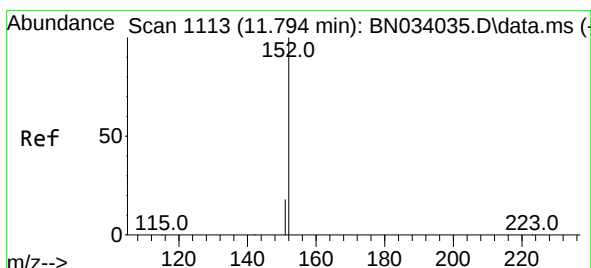
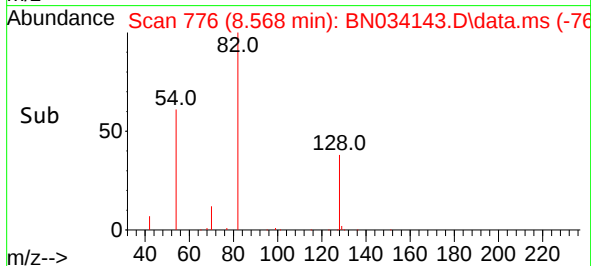
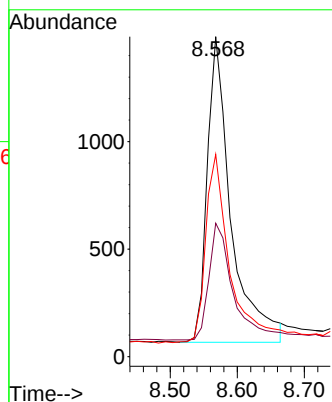
Tgt Ion: 82 Resp: 3496

Ion Ratio Lower Upper

82 100

128 41.7 31.4 47.2

54 63.2 47.4 71.0



#11

2-Methylnaphthalene-d10

Concen: 0.316 ng

RT: 11.784 min Scan# 1125

Delta R.T. -0.010 min

Lab File: BN034143.D

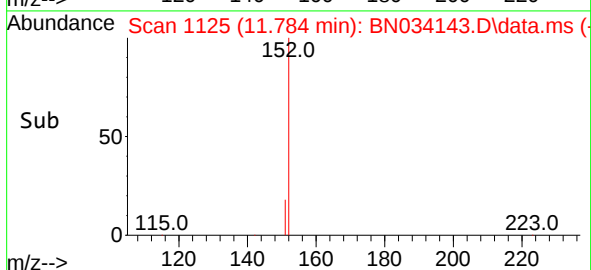
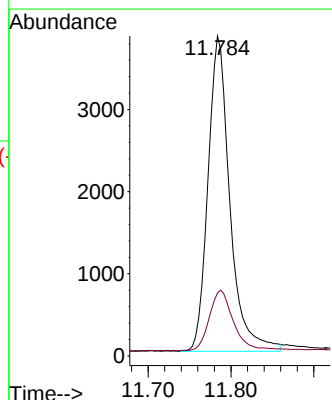
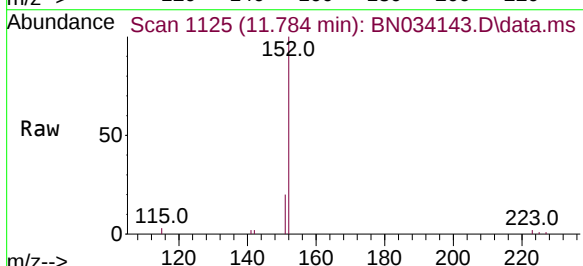
Acq: 22 Sep 2024 02:59

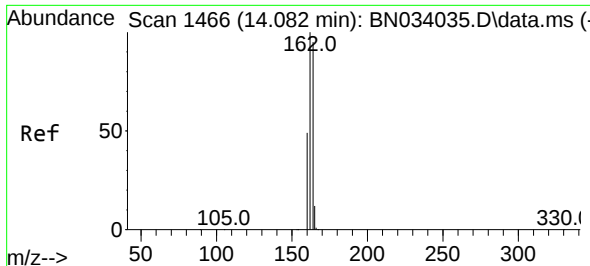
Tgt Ion: 152 Resp: 7034

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

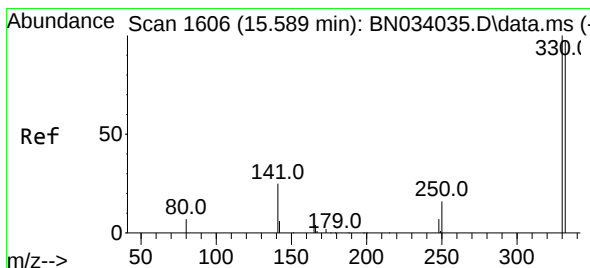
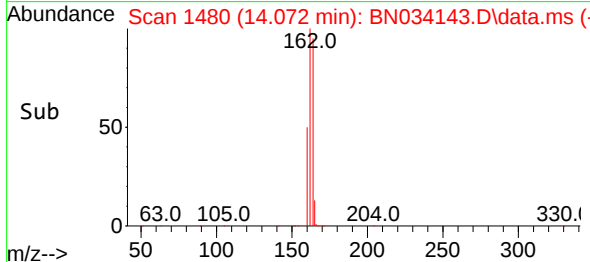
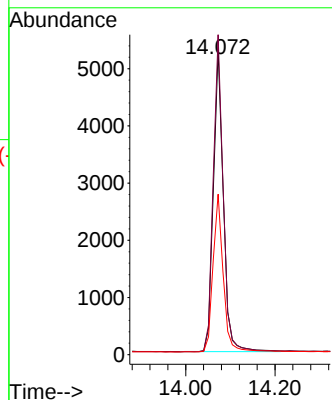
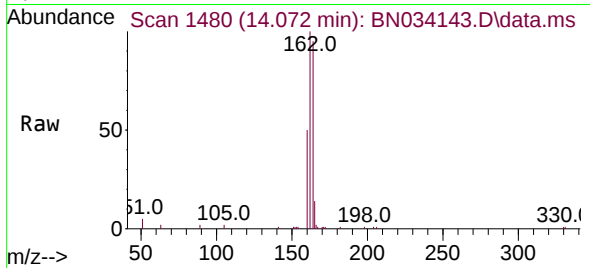




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.072 min Scan# 1466
Delta R.T. -0.009 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

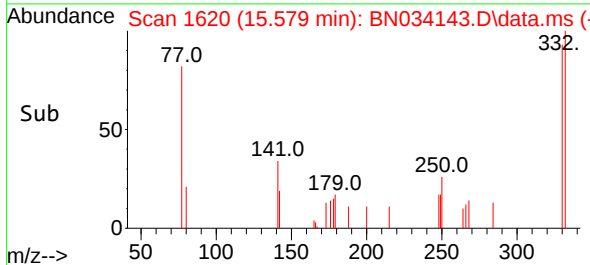
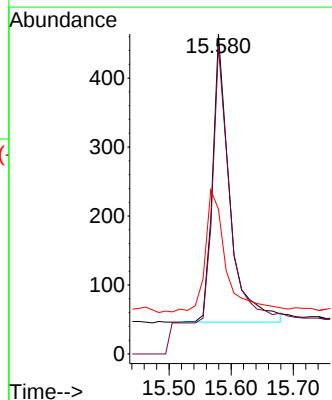
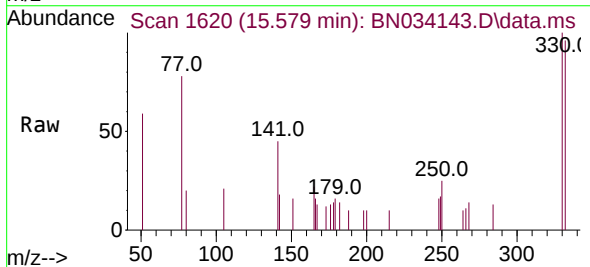
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918

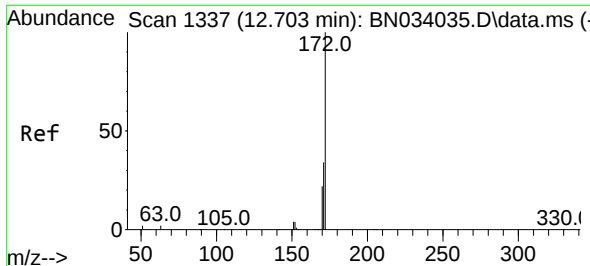
Tgt Ion:164 Resp: 8155
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 52.7 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.218 ng
RT: 15.579 min Scan# 1620
Delta R.T. -0.009 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

Tgt Ion:330 Resp: 806
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 50.6 35.9 53.9

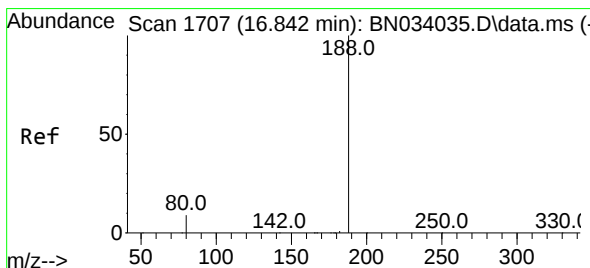
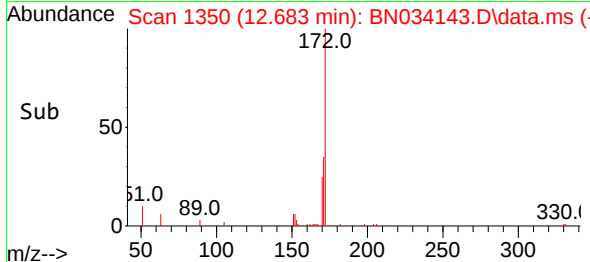
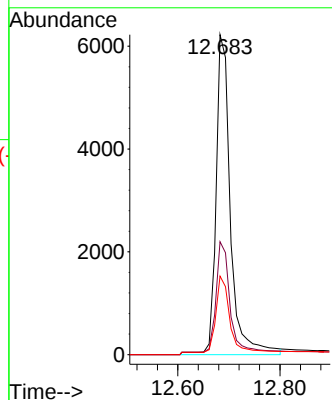
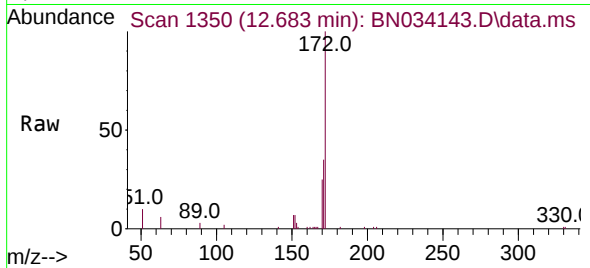




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.683 min Scan# 11756
Delta R.T. -0.020 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

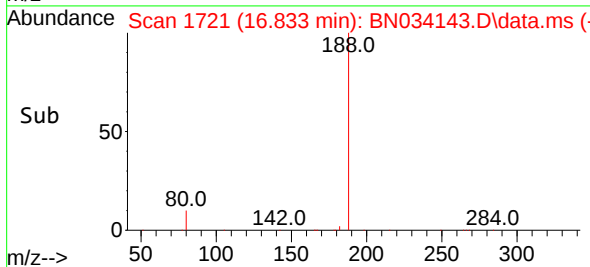
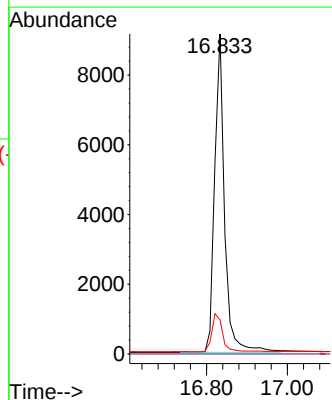
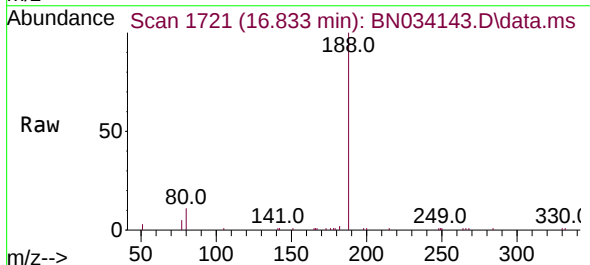
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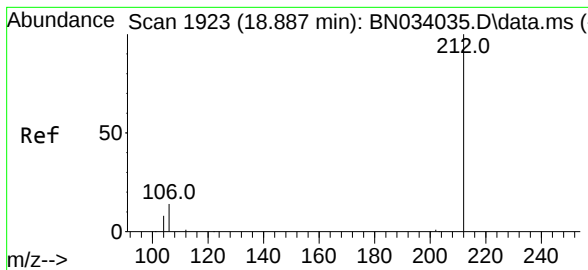
Tgt Ion:172	Resp:	11756
Ion	Ratio	Lower Upper
172	100	
171	35.3	27.3 40.9
170	24.6	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

Tgt Ion:188	Resp:	15584
Ion	Ratio	Lower Upper
188	100	
94	0.0	0.0 0.0
80	10.6	7.4 11.0

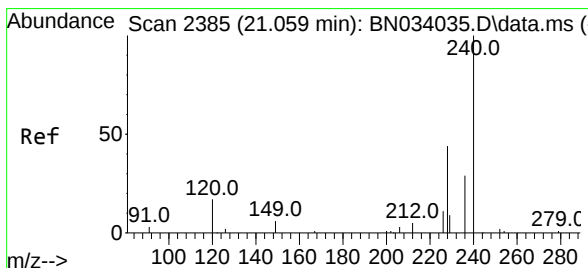
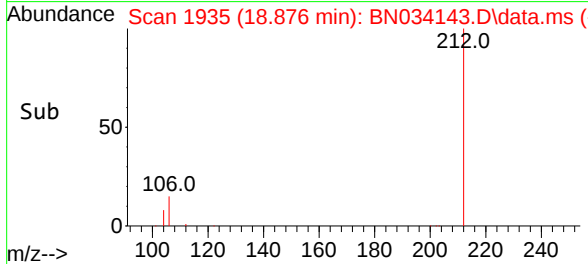
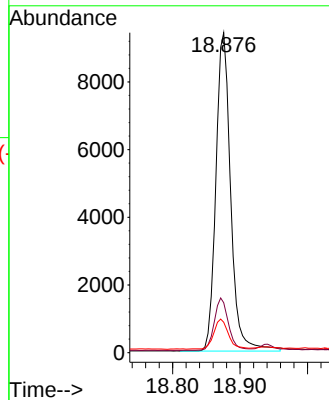
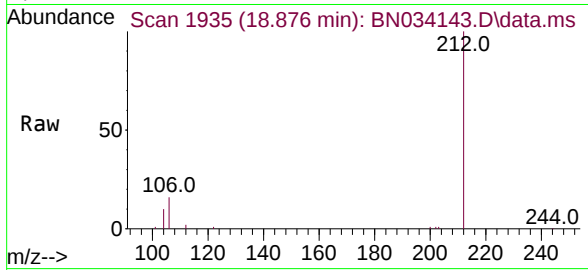




#27
Fluoranthene-d10
Concen: 0.364 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

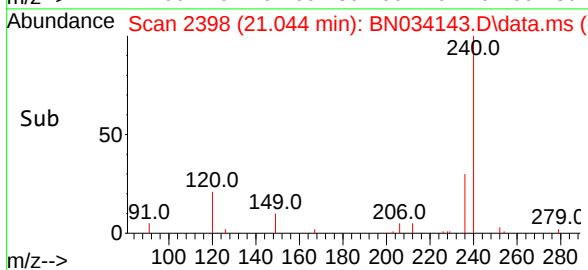
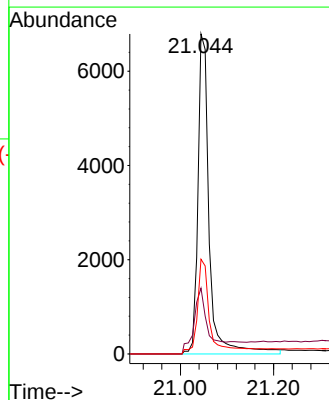
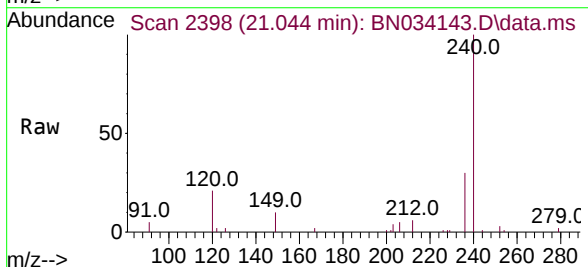
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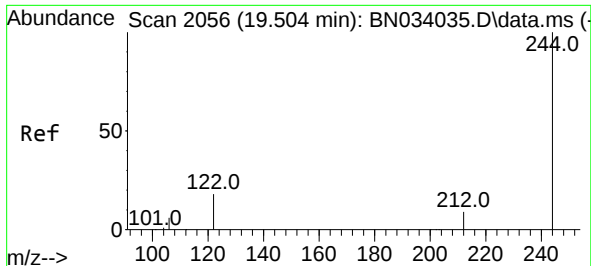
Tgt Ion:212 Resp: 14317
Ion Ratio Lower Upper
212 100
106 15.8 13.4 20.2
104 9.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

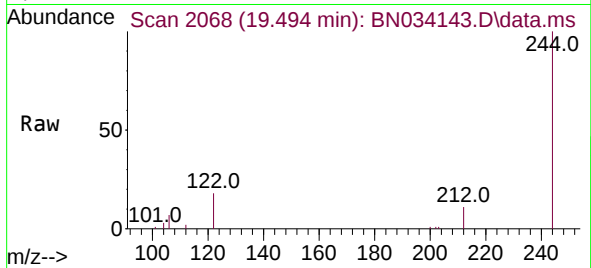
Tgt Ion:240 Resp: 10906
Ion Ratio Lower Upper
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120 20.5 13.5 20.3#
236 29.6 23.4 35.0



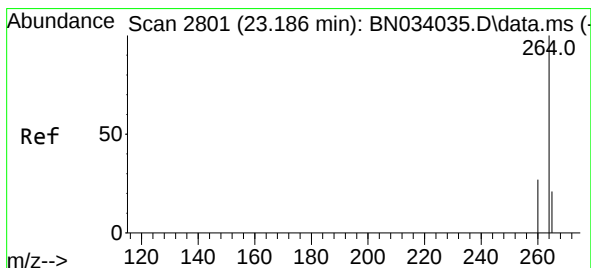
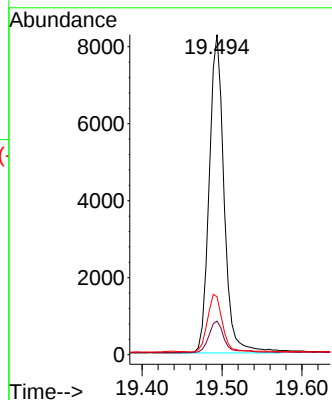
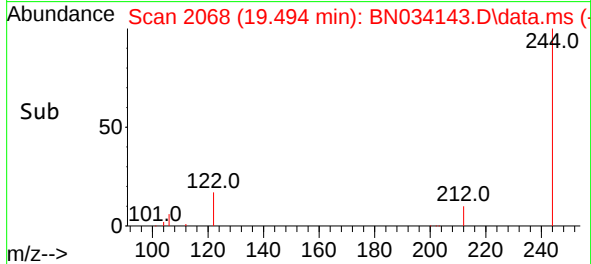


#31
Terphenyl-d14
Concen: 0.490 ng
RT: 19.494 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240918



Tgt Ion:244 Resp: 10670
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 18.1 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.168 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BN034143.D
Acq: 22 Sep 2024 02:59

Tgt Ion:264 Resp: 10163
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 74.2 52.1 78.1

