

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034141.D
 Acq On : 22 Sep 2024 01:47
 Operator : JU/RC
 Sample : P4116-26
 Misc :
 ALS Vial : 106 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20240918

Quant Time: Sep 23 00:02:33 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)

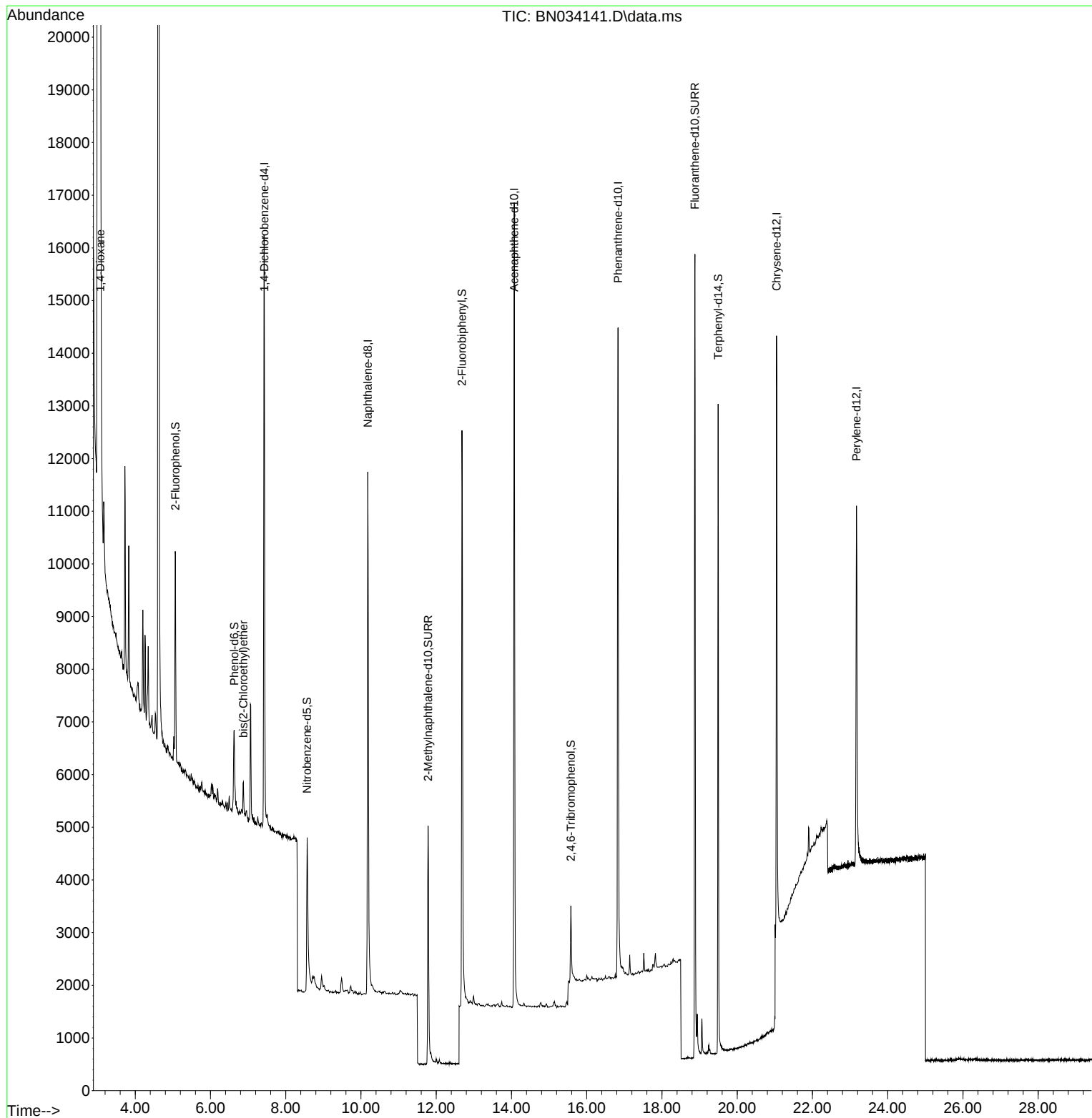
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5620	0.400	ng	0.00
7) Naphthalene-d8	10.180	136	15180	0.400	ng	#-0.02
13) Acenaphthene-d10	14.073	164	8879	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	19085	0.400	ng	0.00
29) Chrysene-d12	21.044	240	12656	0.400	ng	#-0.01
35) Perylene-d12	23.169	264	9880	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	3106	0.195	ng	0.00
5) Phenol-d6	6.629	99	1900	0.102	ng	0.00
8) Nitrobenzene-d5	8.568	82	3419	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	11.784	152	7280	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	915	0.227	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	11652	0.323	ng	-0.02
27) Fluoranthene-d10	18.876	212	18101	0.376	ng	-0.01
31) Terphenyl-d14	19.494	244	11681	0.462	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.068	88	19886	2.830	ng	# 84
6) bis(2-Chloroethyl)ether	6.875	93	421	0.026	ng	88

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

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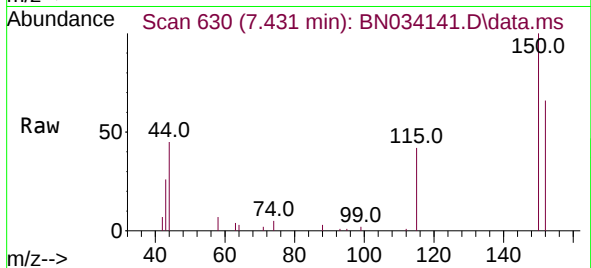
Quant Time: Sep 23 00:02:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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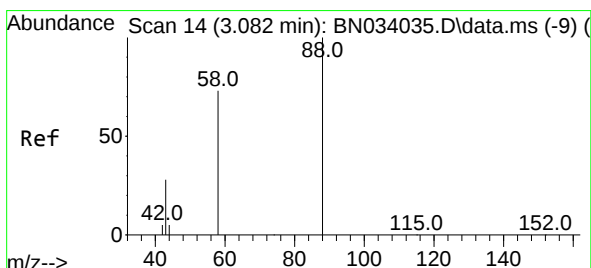
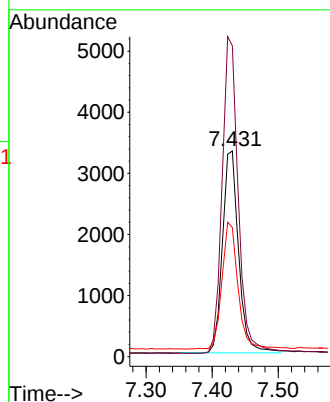
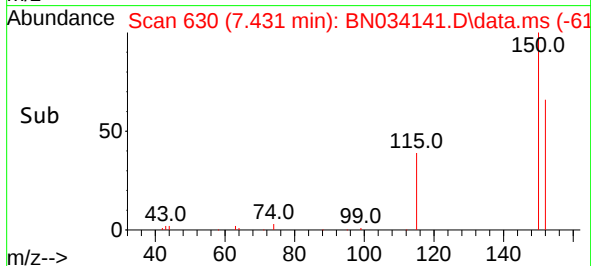


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

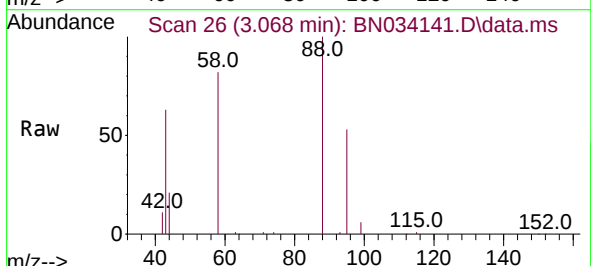
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240918



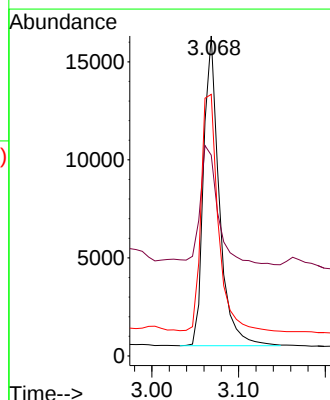
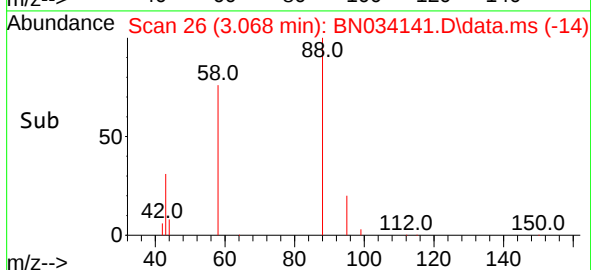
Tgt Ion:152 Resp: 5620
Ion Ratio Lower Upper
152 100
150 151.1 124.6 187.0
115 62.7 50.0 75.0



#2
1,4-Dioxane
Concen: 2.830 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47



Tgt Ion: 88 Resp: 19886
Ion Ratio Lower Upper
88 100
43 45.7 25.8 38.8#
58 84.0 58.8 88.2

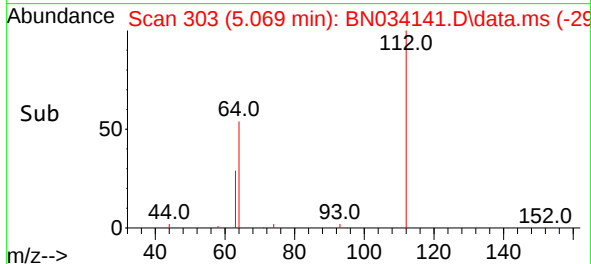
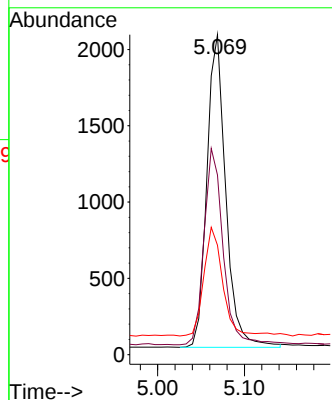
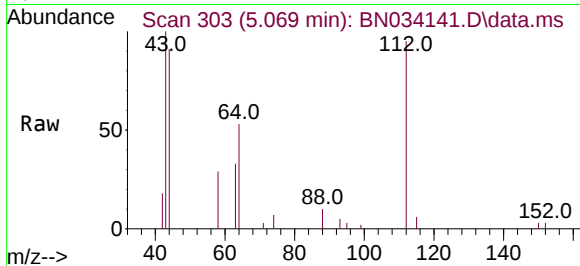




#4
2-Fluorophenol
Concen: 0.195 ng
RT: 5.069 min Scan# 303
Delta R.T. -0.006 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

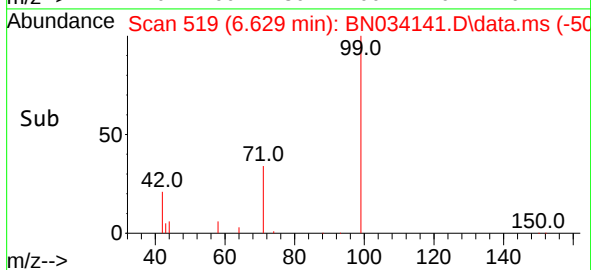
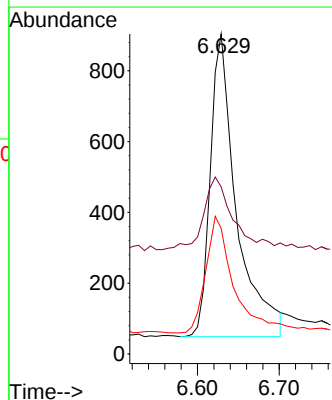
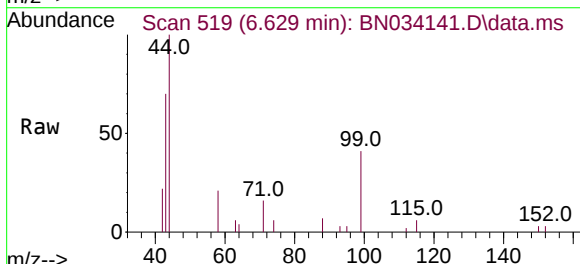
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240918

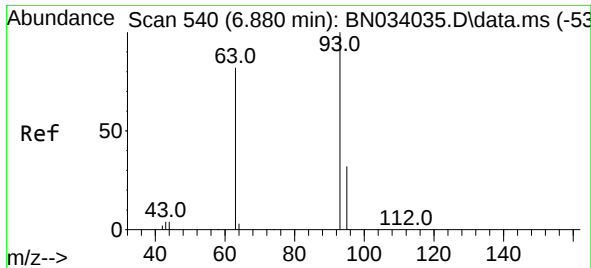
Tgt Ion:112 Resp: 3106
Ion Ratio Lower Upper
112 100
64 63.4 48.6 72.8
63 34.7 25.6 38.4



#5
Phenol-d6
Concen: 0.102 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

Tgt Ion: 99 Resp: 1900
Ion Ratio Lower Upper
99 100
42 26.7 17.8 26.8
71 40.6 26.2 39.2#

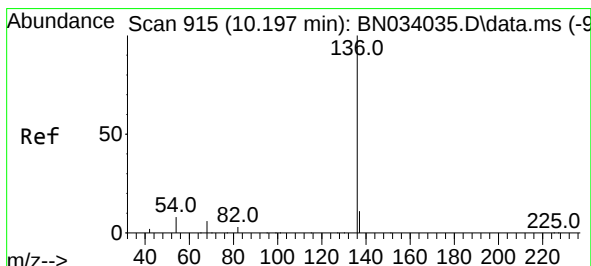
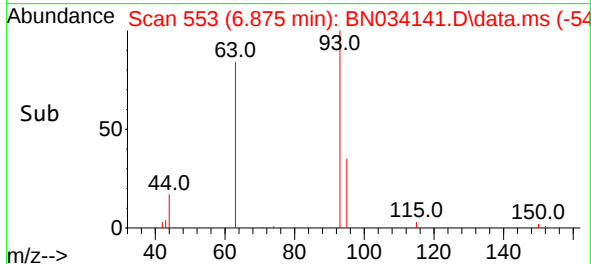
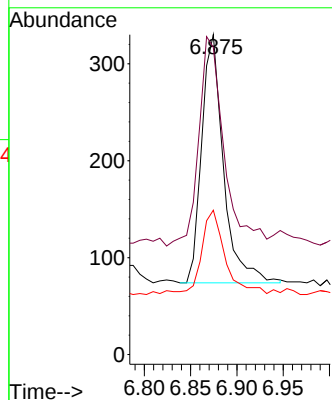
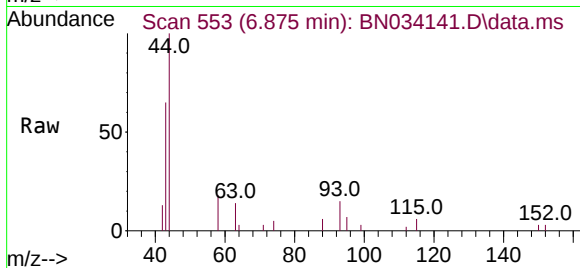




#6
bis(2-Chloroethyl)ether
Concen: 0.026 ng
RT: 6.875 min Scan# 511
Delta R.T. -0.006 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

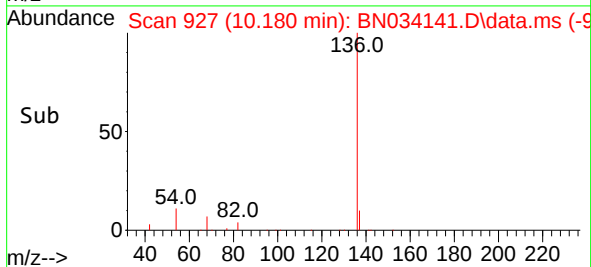
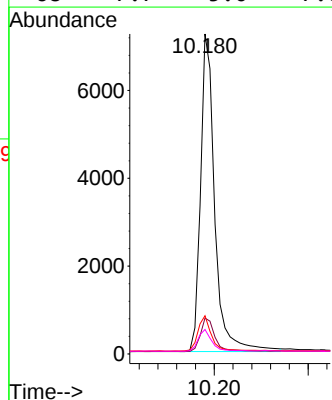
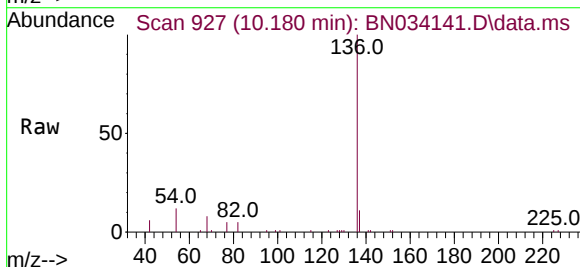
Instrument :
BNA_N
ClientSampleId :
RE132D7-20240918

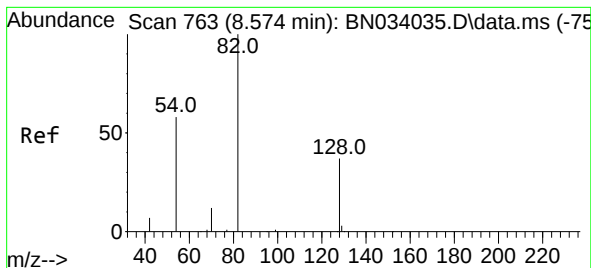
Tgt Ion: 93	Resp: 421
Ion Ratio	Lower Upper
93 100	
63 97.4	67.3 100.9
95 37.5	26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.180 min Scan# 927
Delta R.T. -0.017 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

Tgt	Ion:136	Resp:	15180
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	11.9	6.8	10.2#
68	7.7	5.0	7.6#





#8

Nitrobenzene-d5

Concen: 0.294 ng

RT: 8.568 min Scan# 71

Delta R.T. -0.006 min

Lab File: BN034141.D

Acq: 22 Sep 2024 01:47

Instrument :

BNA_N

ClientSampleId :

RE132D7-20240918

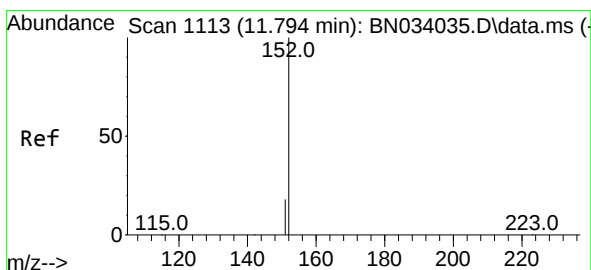
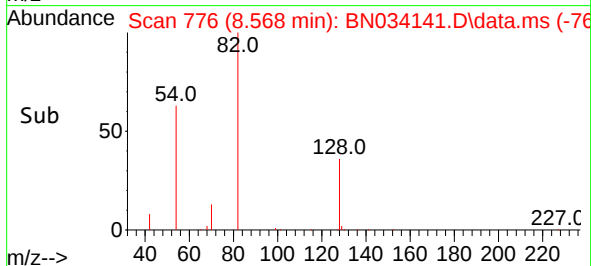
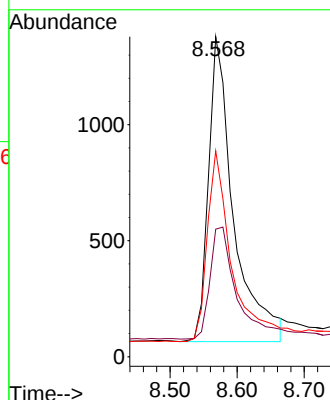
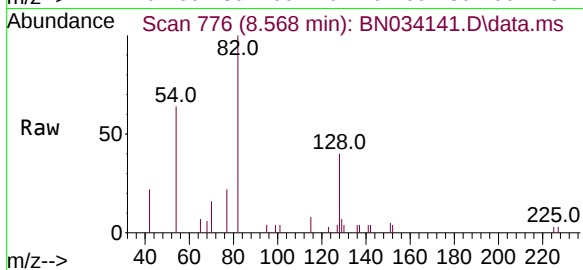
Tgt Ion: 82 Resp: 3419

Ion Ratio Lower Upper

82 100

128 39.9 31.4 47.2

54 64.3 47.4 71.0



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

RT: 11.784 min Scan# 1125

Delta R.T. -0.010 min

Lab File: BN034141.D

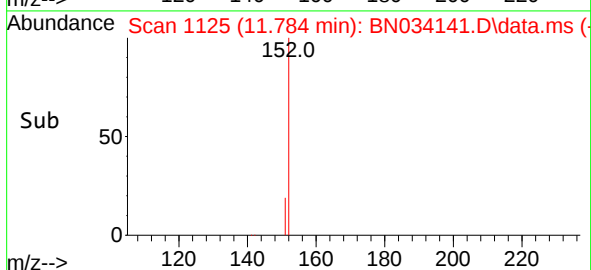
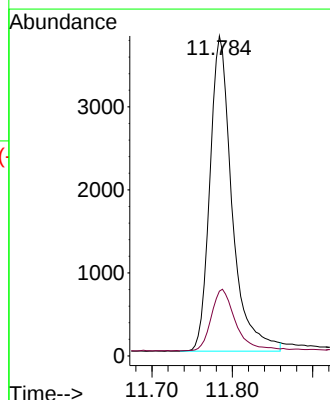
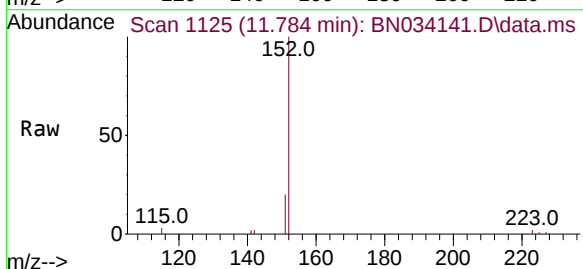
Acq: 22 Sep 2024 01:47

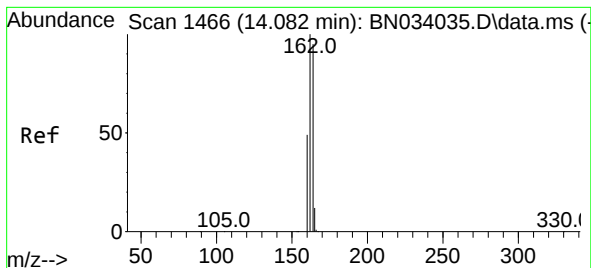
Tgt Ion: 152 Resp: 7280

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.073 min Scan# 1466

Delta R.T. -0.009 min

Lab File: BN034141.D

Acq: 22 Sep 2024 01:47

Instrument :

BNA_N

ClientSampleId :

RE132D7-20240918

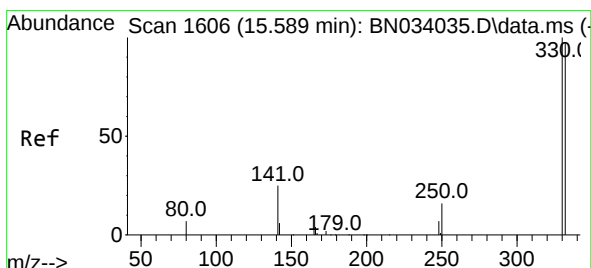
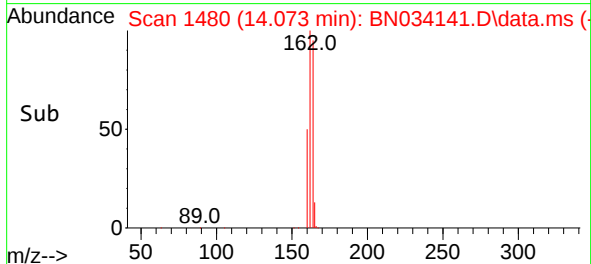
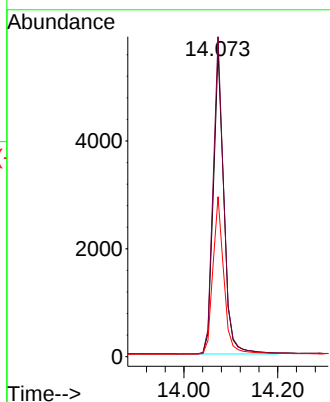
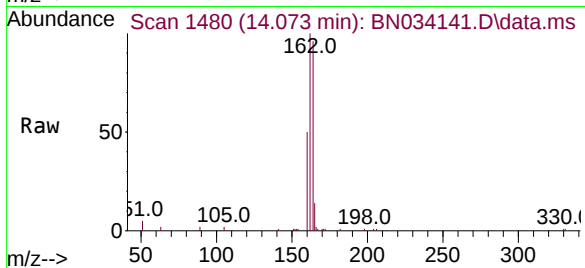
Tgt Ion:164 Resp: 8879

Ion Ratio Lower Upper

164 100

162 104.7 84.2 126.2

160 52.4 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.227 ng

RT: 15.580 min Scan# 1620

Delta R.T. -0.009 min

Lab File: BN034141.D

Acq: 22 Sep 2024 01:47

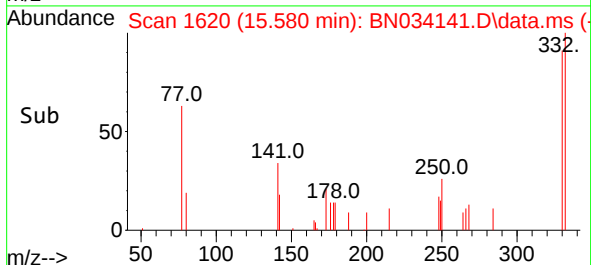
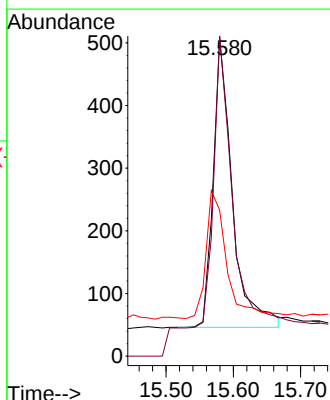
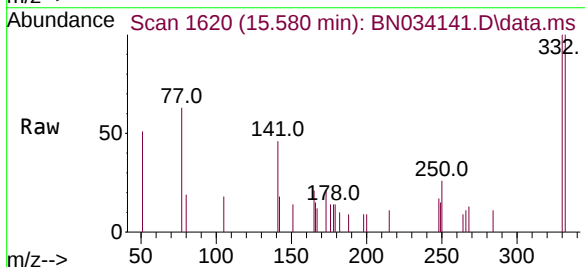
Tgt Ion:330 Resp: 915

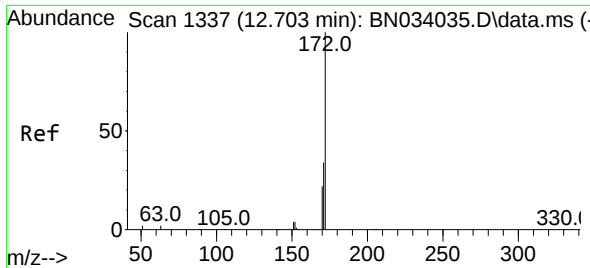
Ion Ratio Lower Upper

330 100

332 98.1 77.4 116.0

141 48.3 35.9 53.9

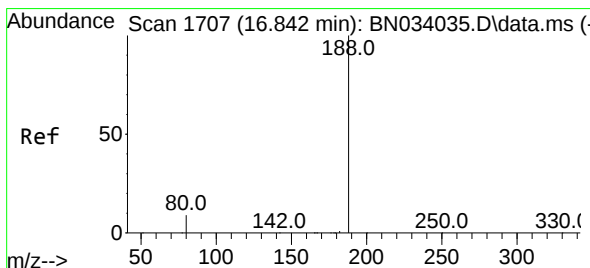
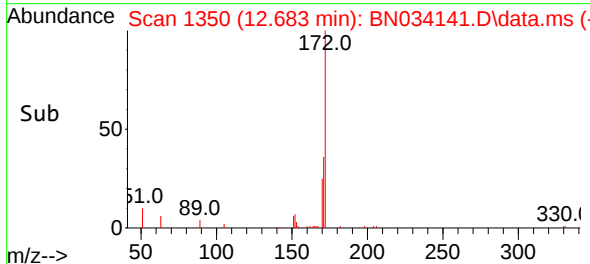
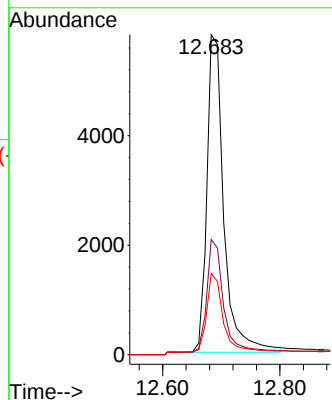
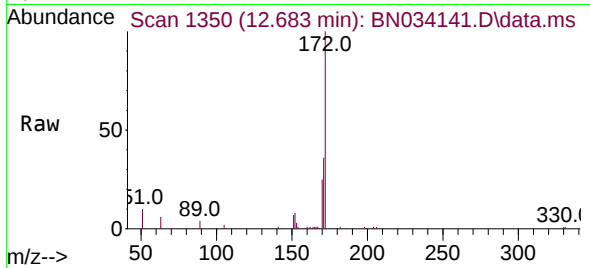




#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.683 min Scan# 11
Delta R.T. -0.020 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

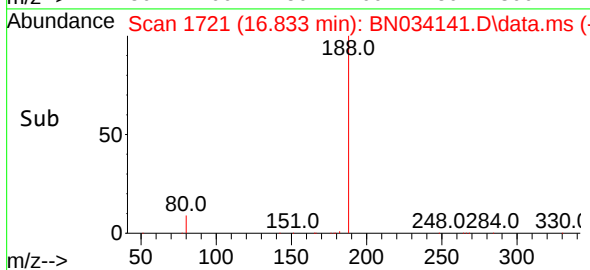
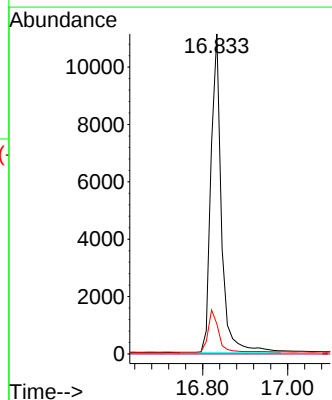
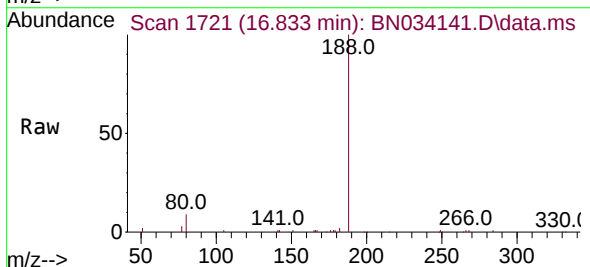
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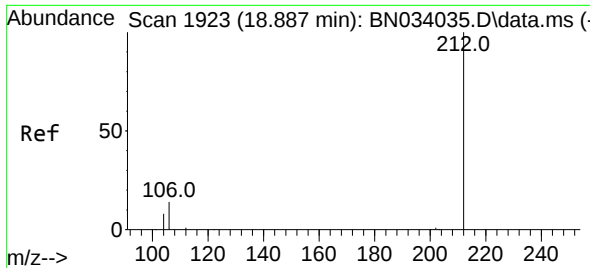
Tgt Ion:172	Resp:	11652
Ion Ratio	Lower	Upper
172	100	
171	36.0	27.3 40.9
170	25.4	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

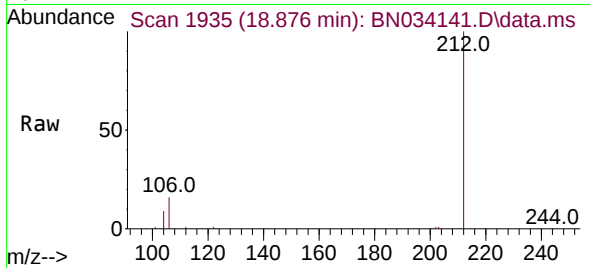
Tgt Ion:188	Resp:	19085
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.4	7.4 11.0



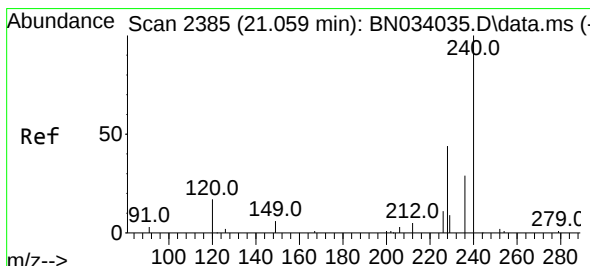
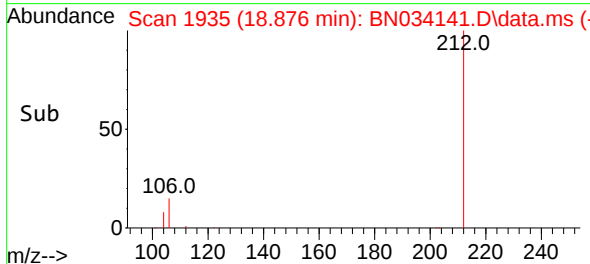
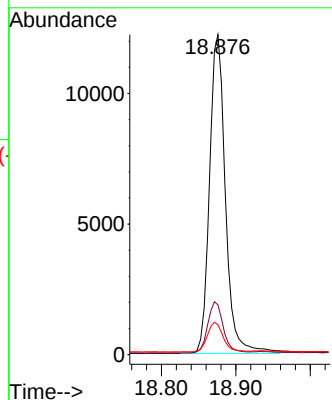


#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 18.876 min Scan# 1923
Delta R.T. -0.011 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

Instrument :
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ClientSampleId :
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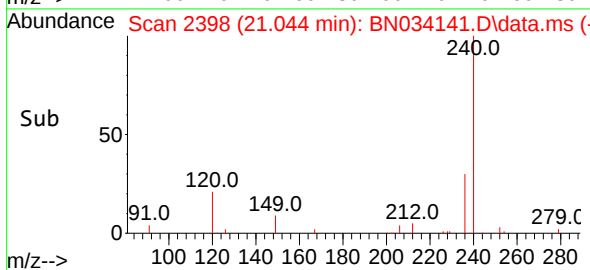
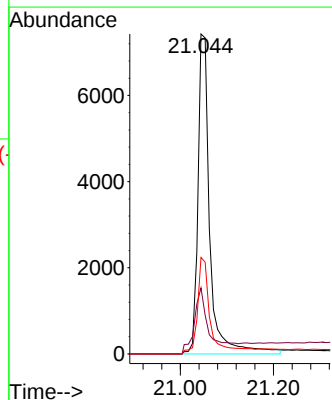
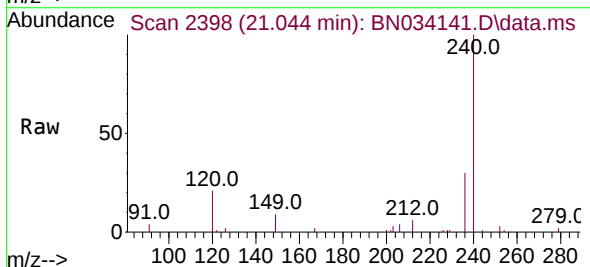


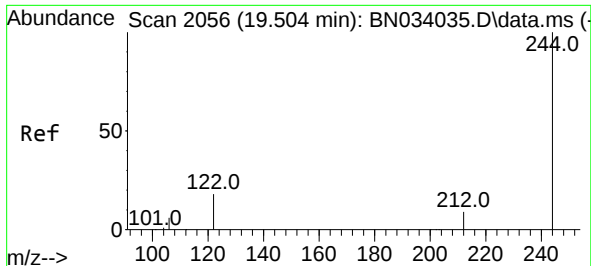
Tgt Ion:212 Resp: 18101
Ion Ratio Lower Upper
212 100
106 15.7 13.4 20.2
104 9.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.044 min Scan# 2398
Delta R.T. -0.015 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

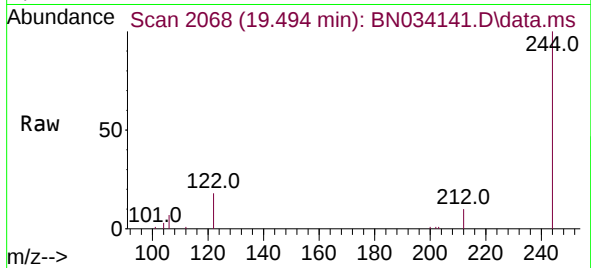
Tgt Ion:240 Resp: 12656
Ion Ratio Lower Upper
240 100
120 20.7 13.5 20.3#
236 30.2 23.4 35.0



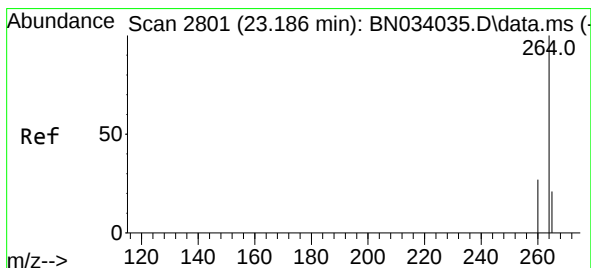
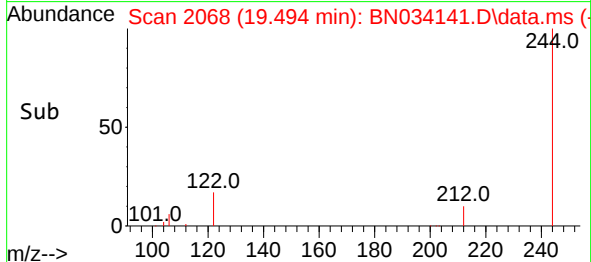
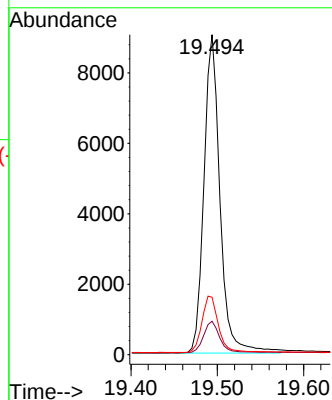


#31
Terphenyl-d14
Concen: 0.462 ng
RT: 19.494 min Scan# 2056
Delta R.T. -0.011 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

Instrument :
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Tgt Ion:244 Resp: 11681
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 18.0 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.169 min Scan# 2811
Delta R.T. -0.017 min
Lab File: BN034141.D
Acq: 22 Sep 2024 01:47

Tgt Ion:264 Resp: 9880
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 76.6 52.1 78.1

