

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034244.D
 Acq On : 26 Sep 2024 02:48
 Operator : RC/JU
 Sample : P4164-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20240923

Quant Time: Sep 26 04:33:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 03:57:12 2024
 Response via : Initial Calibration

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

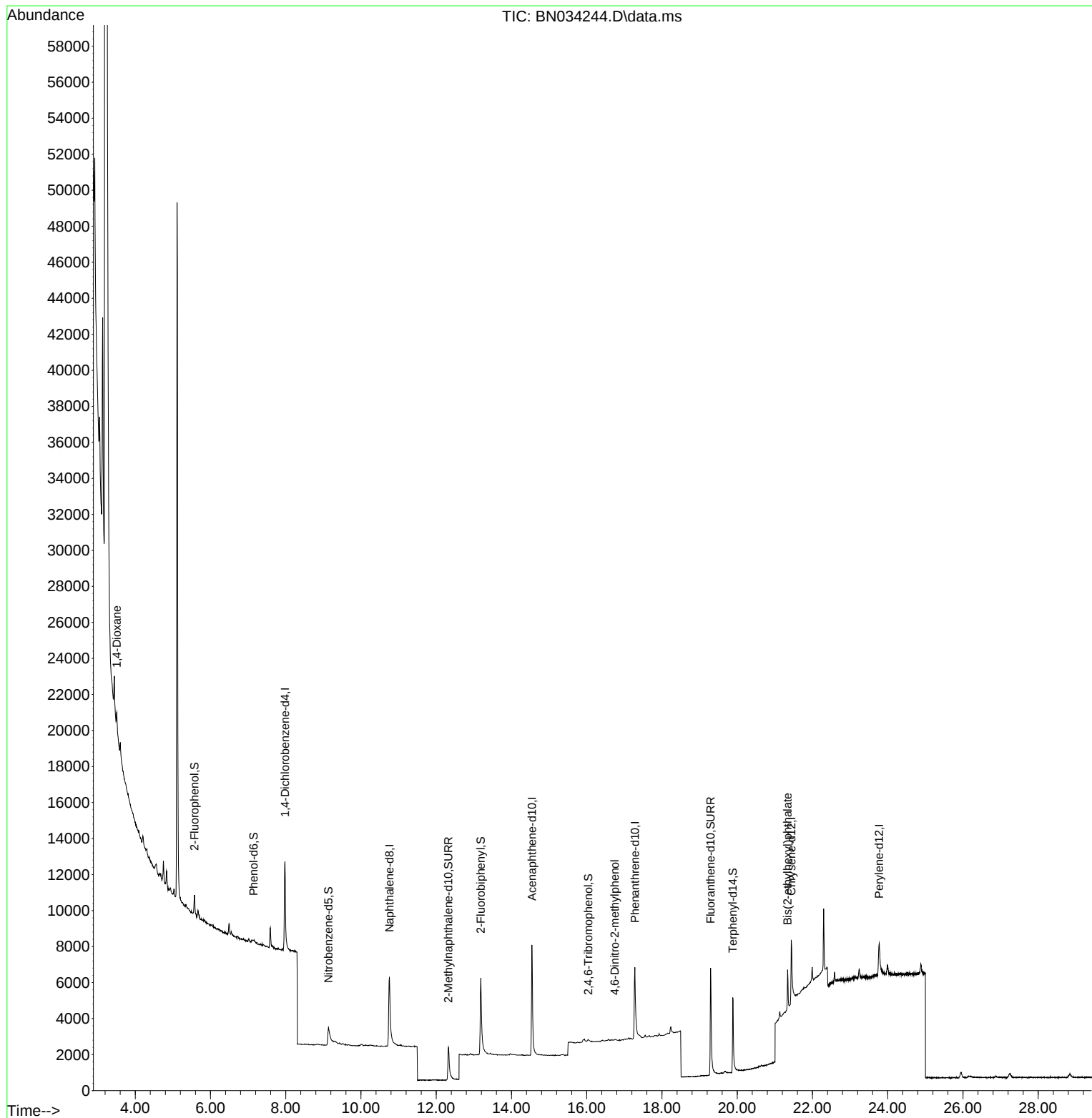
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	3345	0.400	ng	0.00
7) Naphthalene-d8	10.757	136	9023	0.400	ng	# 0.01
13) Acenaphthene-d10	14.543	164	4828	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	8885	0.400	ng	# 0.00
29) Chrysene-d12	21.438	240	5372	0.400	ng	# 0.00
35) Perylene-d12	23.773	264	4365	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.574	112	1038	0.109	ng	0.00
5) Phenol-d6	7.149	99	350	0.032	ng	0.00
8) Nitrobenzene-d5	9.134	82	1992	0.289	ng	0.01
11) 2-Methylnaphthalene-d10	12.324	152	4425	0.332	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	135	0.062	ng	0.01
15) 2-Fluorobiphenyl	13.185	172	6574	0.335	ng	0.00
27) Fluoranthene-d10	19.294	212	9065	0.404	ng	0.00
31) Terphenyl-d14	19.884	244	5700	0.531	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.509	88	1444	0.345	ng	# 79
20) 4,6-Dinitro-2-methylph...	16.746	198	7	0.142	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.339	149	2283	0.322	ng	# 99

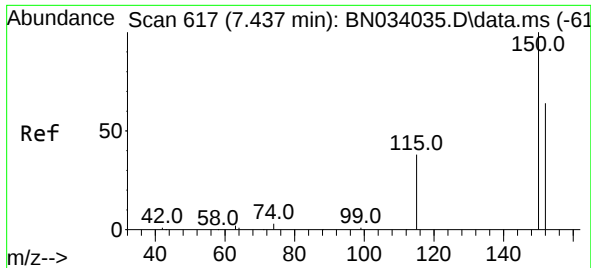
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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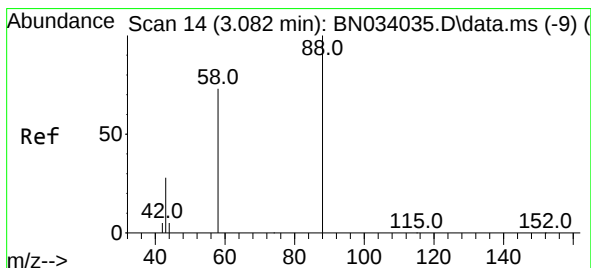
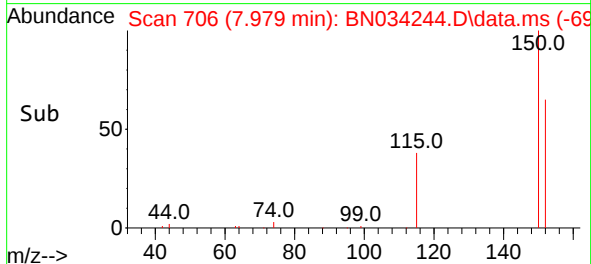
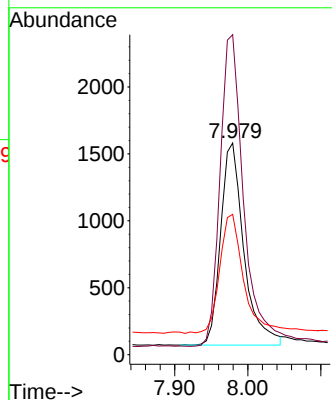
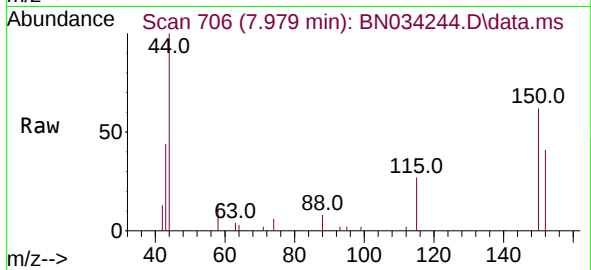




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.979 min Scan# 70
Delta R.T. 0.007 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

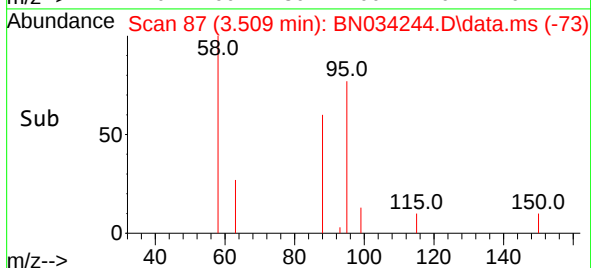
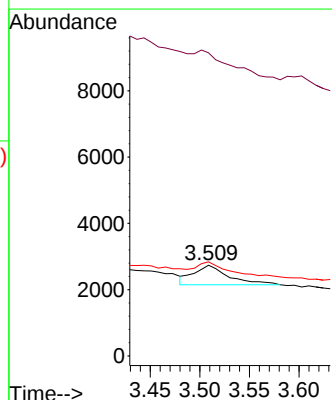
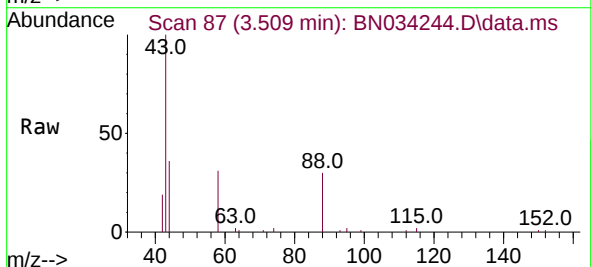
Instrument :
BNA_N
ClientSampleId :
TT180D-20240923

Tgt Ion:152 Resp: 3345
Ion Ratio Lower Upper
152 100
150 151.2 124.6 187.0
115 66.3 50.0 75.0



#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.509 min Scan# 87
Delta R.T. -0.000 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

Tgt Ion: 88 Resp: 1444
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 69.7 58.8 88.2





#4

2-Fluorophenol

Concen: 0.109 ng

RT: 5.574 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN034244.D

Acq: 26 Sep 2024 02:48

Instrument :

BNA_N

ClientSampleId :

TT180D-20240923

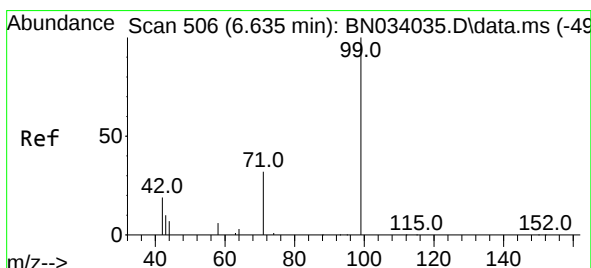
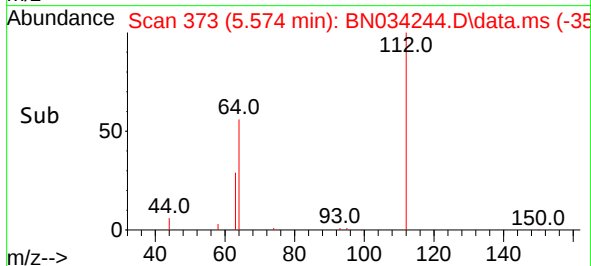
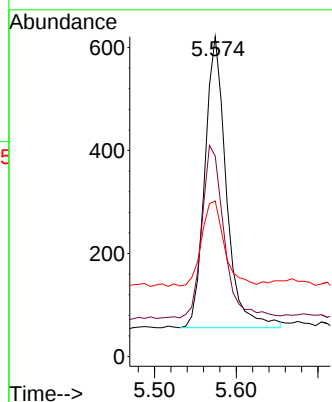
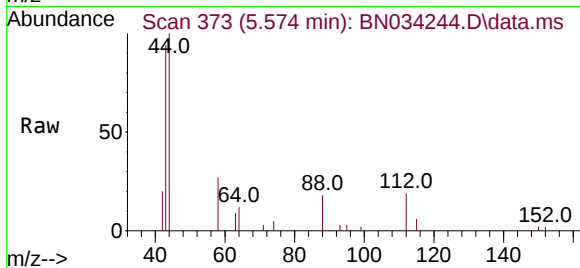
Tgt Ion:112 Resp: 1038

Ion Ratio Lower Upper

112 100

64 61.8 48.6 72.8

63 30.4 25.6 38.4



#5

Phenol-d6

Concen: 0.032 ng

RT: 7.149 min Scan# 591

Delta R.T. -0.000 min

Lab File: BN034244.D

Acq: 26 Sep 2024 02:48

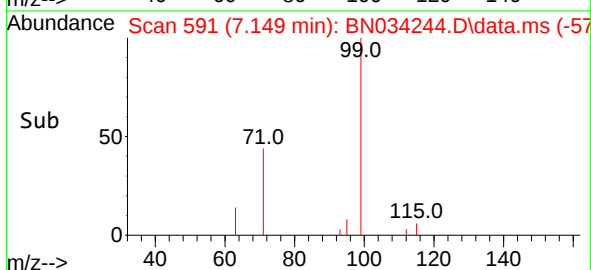
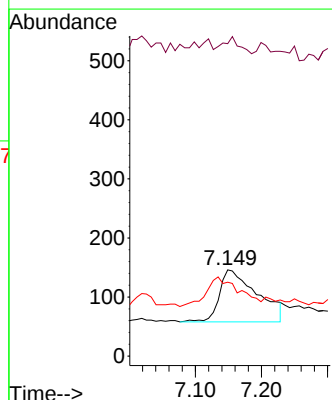
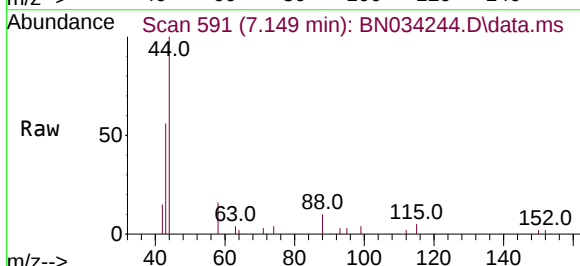
Tgt Ion: 99 Resp: 350

Ion Ratio Lower Upper

99 100

42 11.7 17.8 26.8#

71 0.0 26.2 39.2#

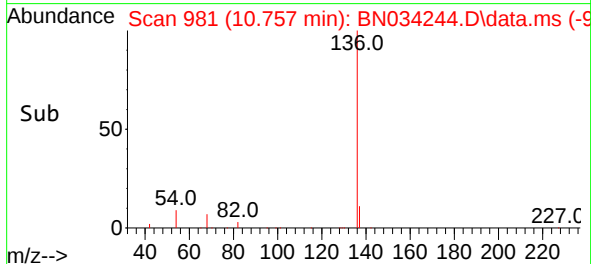
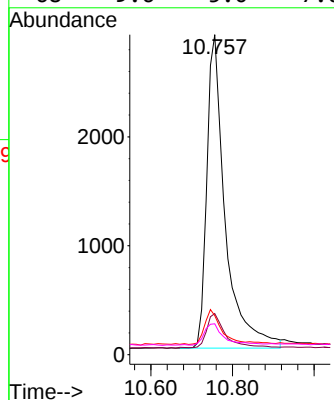
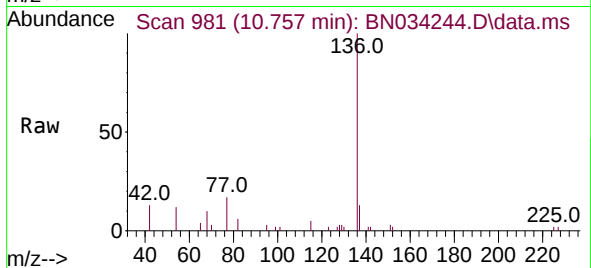




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.757 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

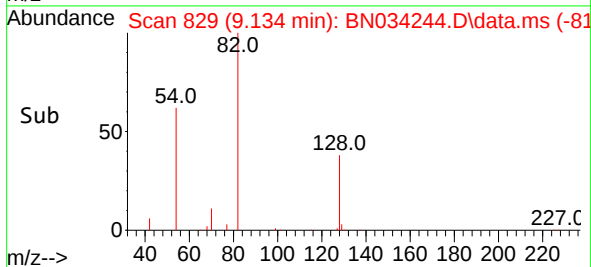
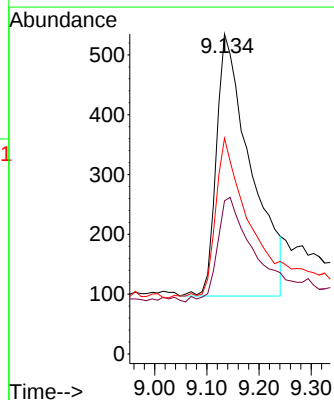
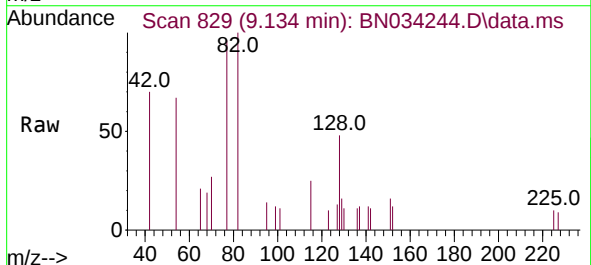
Instrument :
BNA_N
ClientSampleId :
TT180D-20240923

Tgt Ion:	136	Resp:	9023
Ion Ratio	Lower	Upper	
136	100		
137	12.8	9.0	13.6
54	12.2	6.8	10.2#
68	9.6	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 9.134 min Scan# 829
Delta R.T. 0.011 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

Tgt Ion:	82	Resp:	1992
Ion Ratio	Lower	Upper	
82	100		
128	47.9	31.4	47.2#
54	67.5	47.4	71.0

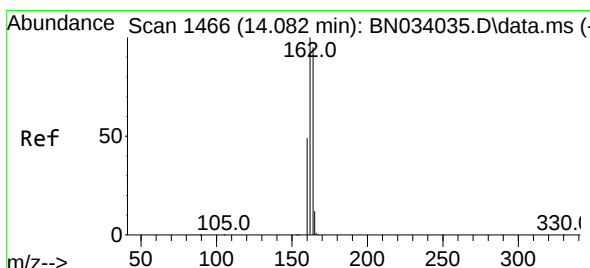
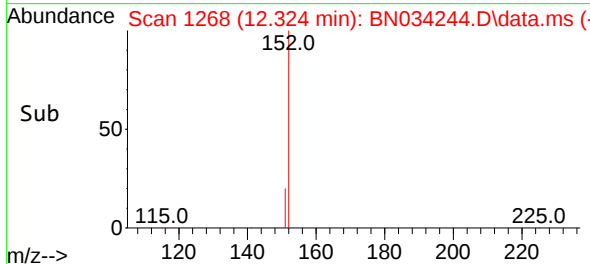
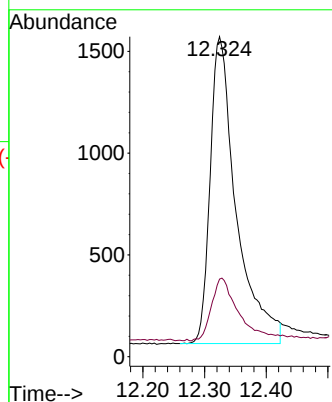
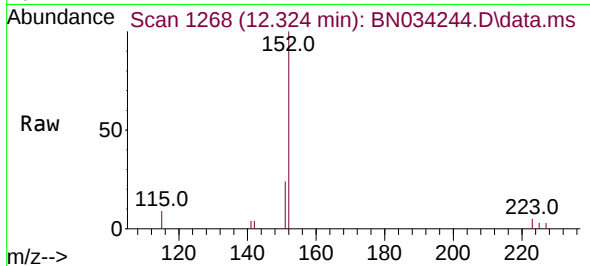




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.324 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

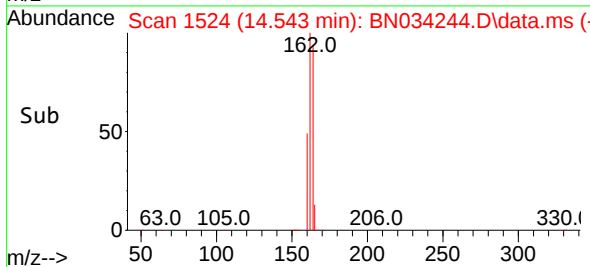
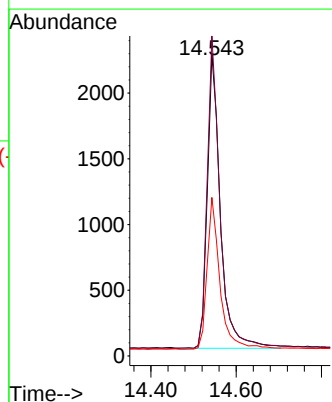
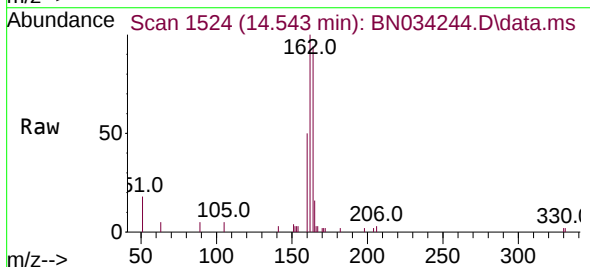
Instrument :
BNA_N
ClientSampleId :
TT180D-20240923

Tgt Ion:152 Resp: 4425
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.543 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

Tgt Ion:164 Resp: 4828
Ion Ratio Lower Upper
164 100
162 106.1 84.2 126.2
160 52.6 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.062 ng

RT: 16.039 min Scan# 1

Delta R.T. 0.012 min

Lab File: BN034244.D

Acq: 26 Sep 2024 02:48

Instrument :

BNA_N

ClientSampleId :

TT180D-20240923

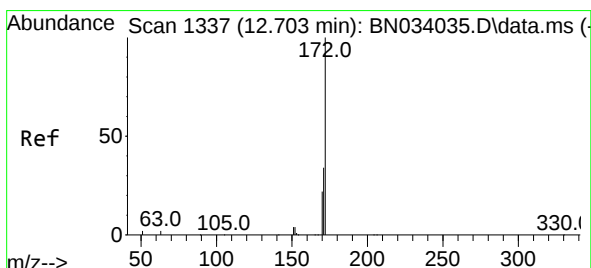
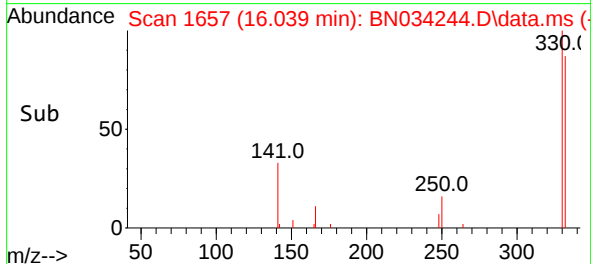
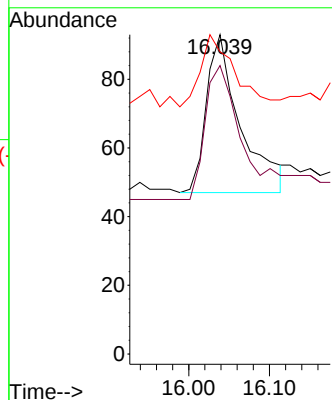
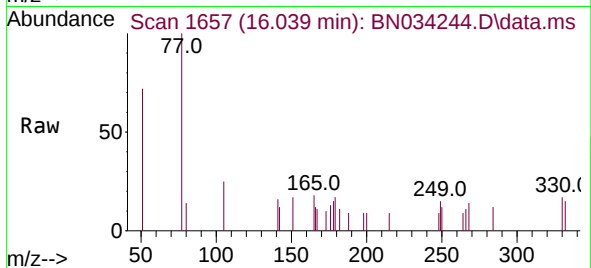
Tgt Ion:330 Resp: 135

Ion Ratio Lower Upper

330 100

332 91.9 77.4 116.0

141 44.4 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.335 ng

RT: 13.185 min Scan# 1397

Delta R.T. -0.000 min

Lab File: BN034244.D

Acq: 26 Sep 2024 02:48

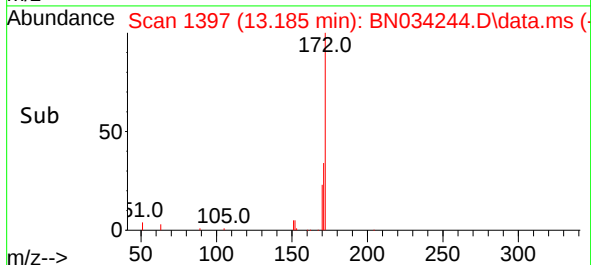
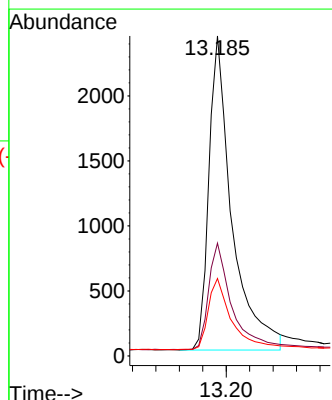
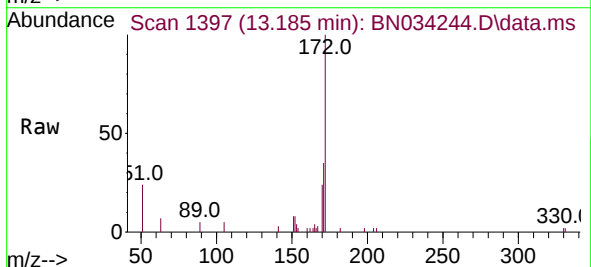
Tgt Ion:172 Resp: 6574

Ion Ratio Lower Upper

172 100

171 35.3 27.3 40.9

170 24.2 18.1 27.1

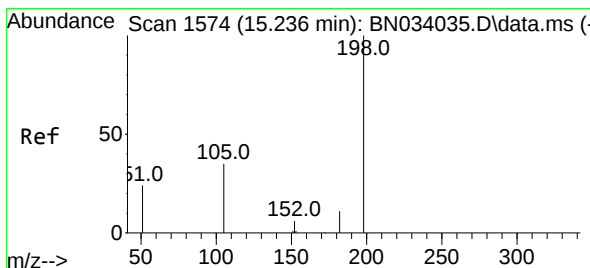
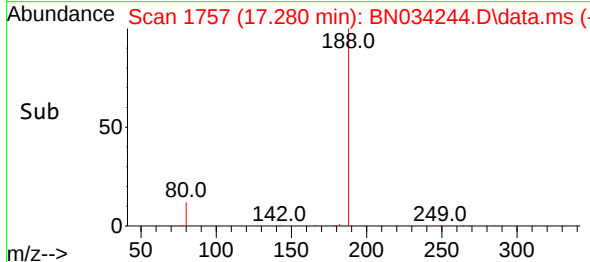
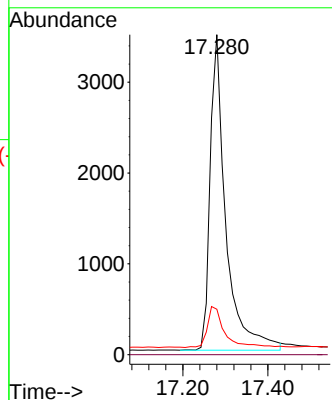
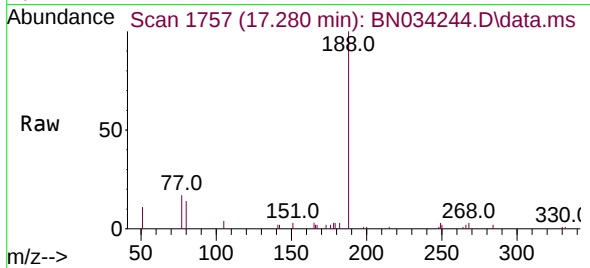




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

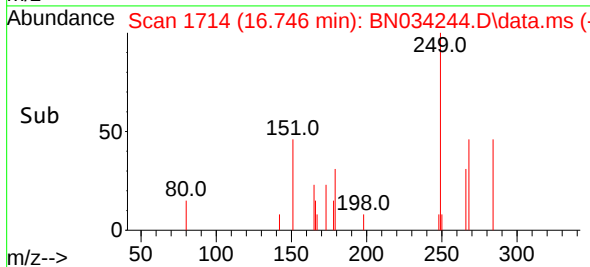
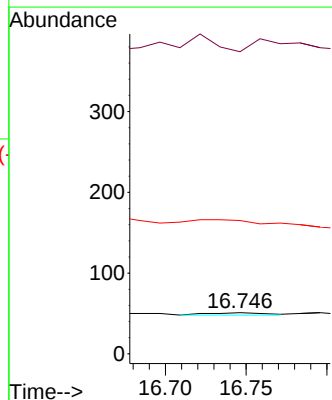
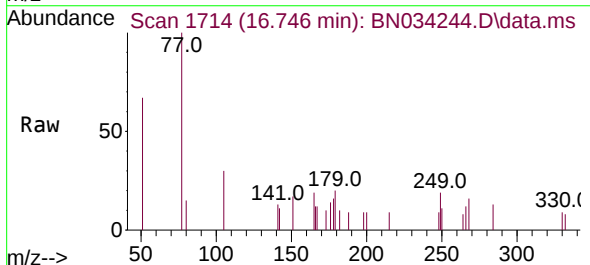
Instrument :
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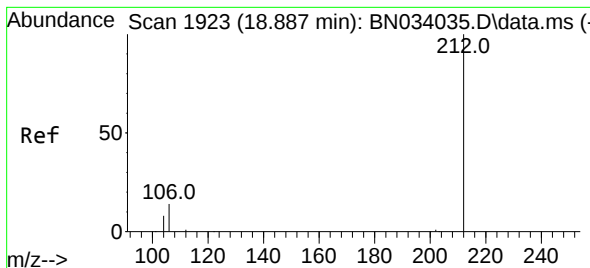
Tgt Ion:188 Resp: 8885
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.142 ng
RT: 16.746 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 733.3 106.4 159.6#
105 323.5 38.5 57.7#





#27

Fluoranthene-d10

Concen: 0.404 ng

RT: 19.294 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BN034244.D

Acq: 26 Sep 2024 02:48

Instrument :

BNA_N

ClientSampleId :

TT180D-20240923

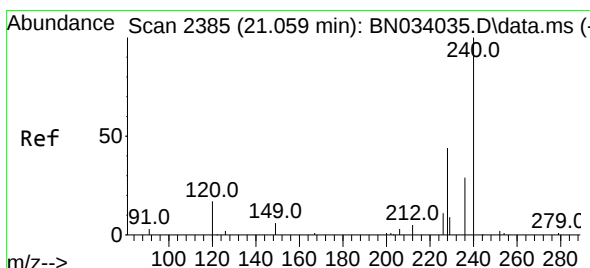
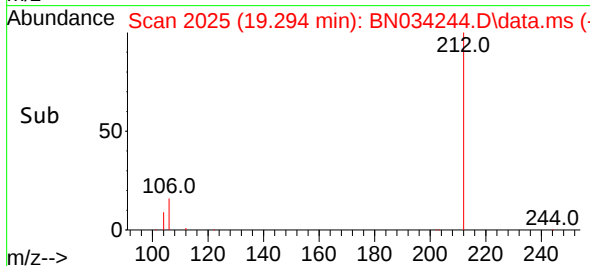
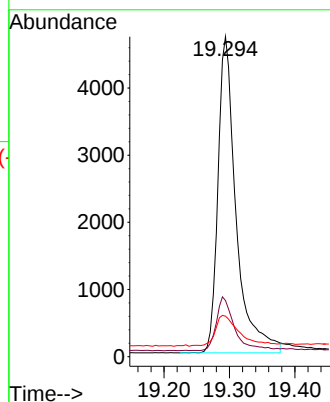
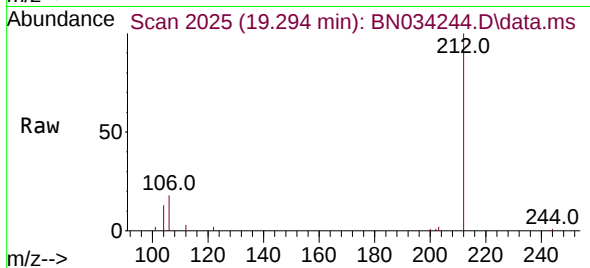
Tgt Ion:212 Resp: 9065

Ion Ratio Lower Upper

212 100

106 16.8 13.4 20.2

104 13.0 7.8 11.6#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2442

Delta R.T. -0.000 min

Lab File: BN034244.D

Acq: 26 Sep 2024 02:48

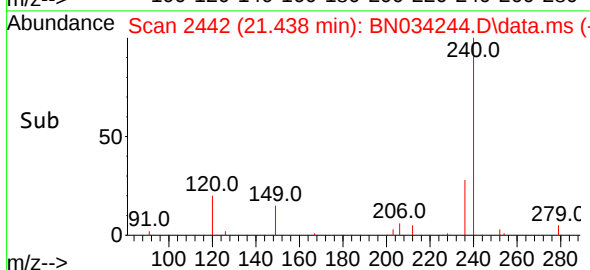
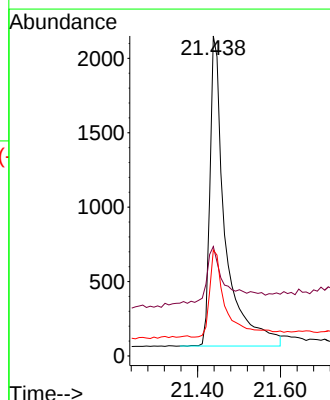
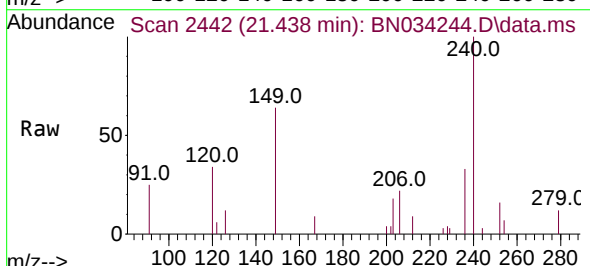
Tgt Ion:240 Resp: 5372

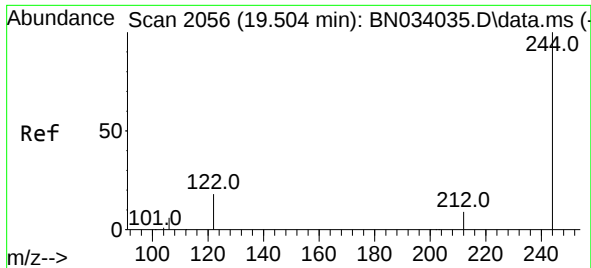
Ion Ratio Lower Upper

240 100

120 34.2 13.5 20.3#

236 33.1 23.4 35.0

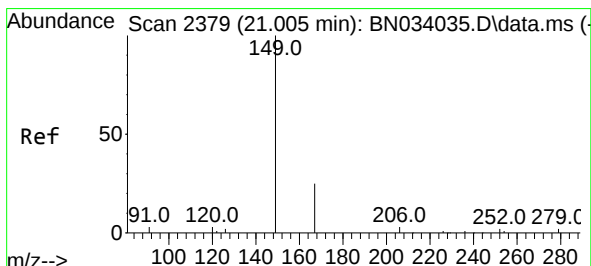
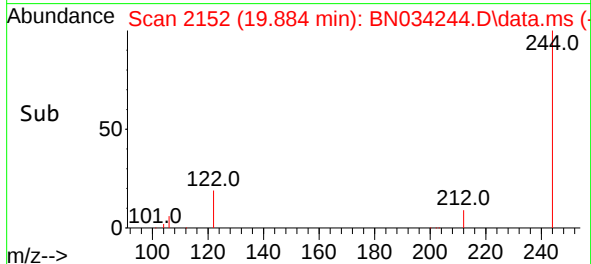
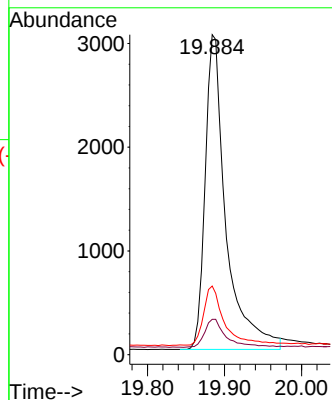
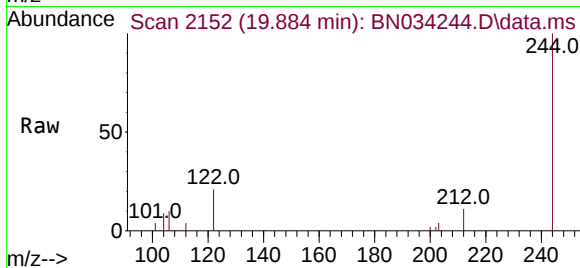




#31
Terphenyl-d14
Concen: 0.531 ng
RT: 19.884 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

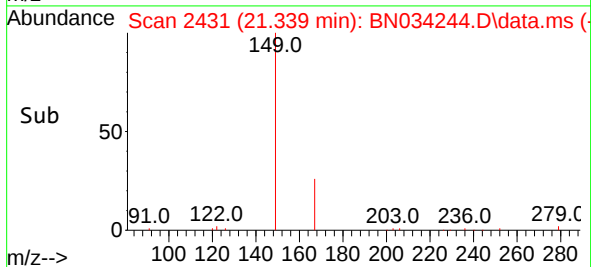
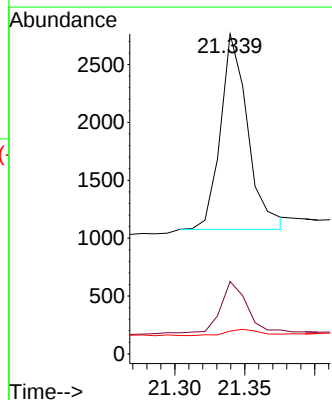
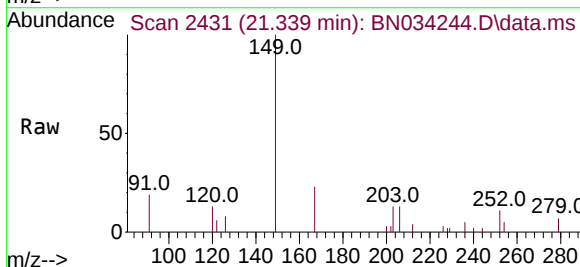
Instrument :
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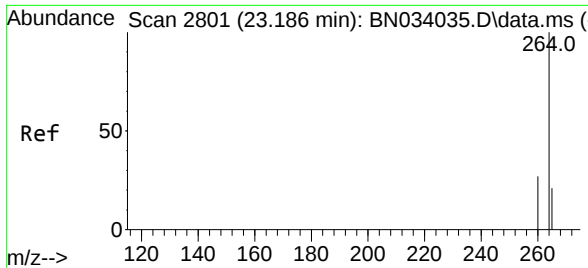
Tgt Ion:244 Resp: 5700
Ion Ratio Lower Upper
244 100
212 11.1 7.8 11.6
122 21.5 14.8 22.2



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.322 ng
RT: 21.339 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN034244.D
Acq: 26 Sep 2024 02:48

Tgt Ion:149 Resp: 2283
Ion Ratio Lower Upper
149 100
167 24.6 19.9 29.9
279 4.0 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.773 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BN034244.D
 Acq: 26 Sep 2024 02:48

Instrument :
 BNA_N
 ClientSampleId :
 TT180D-20240923

Tgt Ion:	264	Resp:	4365
Ion Ratio	Lower	Upper	
264	100		
260	29.0	21.7	32.5
265	316.0	52.1	78.1#

