

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
 Data File : BN035930.D
 Acq On : 15 Jan 2025 12:51
 Operator : RC/JU
 Sample : Q1081-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250113

Quant Time: Jan 15 13:24:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

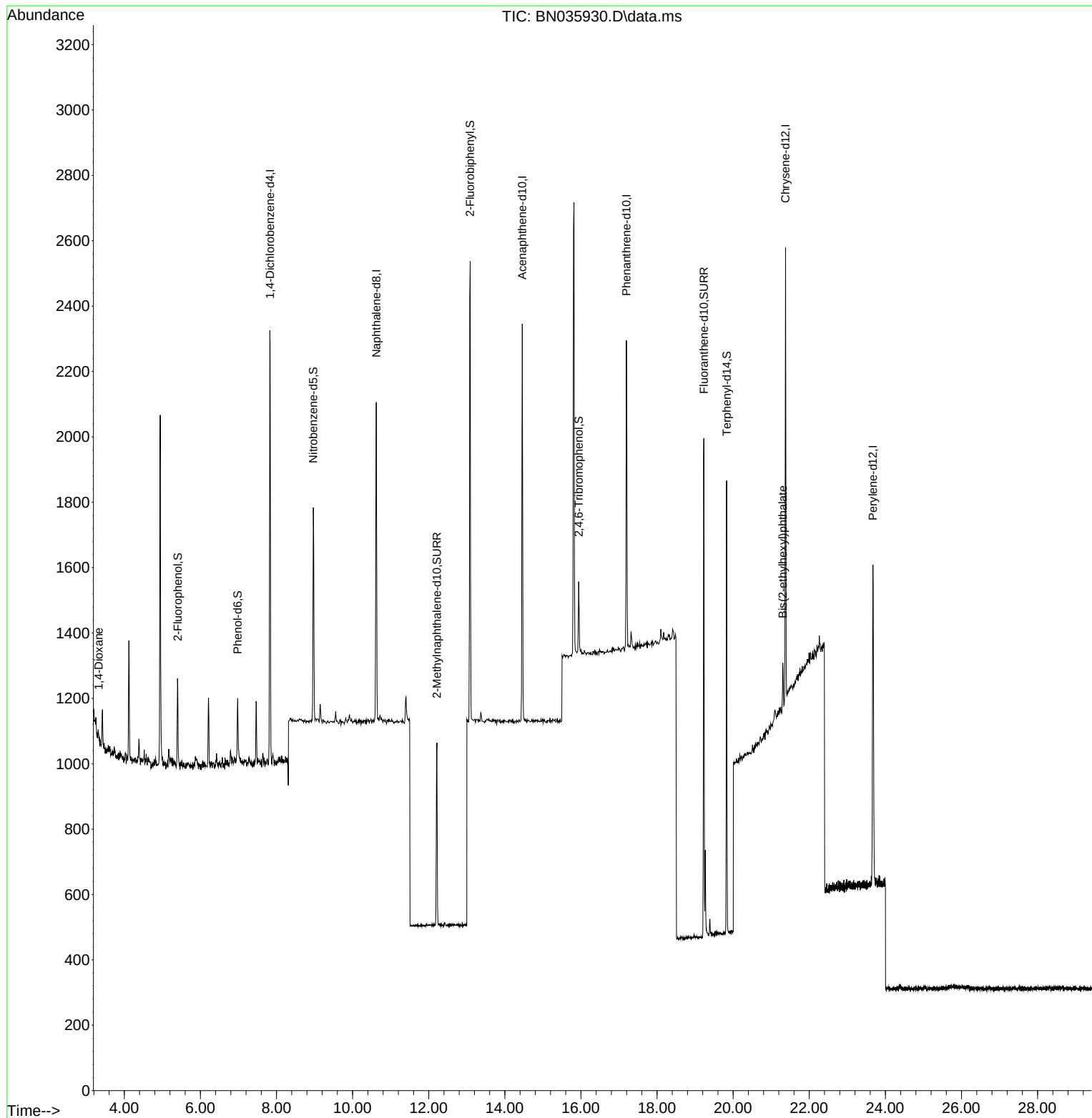
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	624	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1211	0.400	ng	0.00
13) Acenaphthene-d10	14.458	164	641	0.400	ng	0.00
19) Phenanthrene-d10	17.194	188	1308	0.400	ng	#-0.02
29) Chrysene-d12	21.376	240	1187	0.400	ng	0.00
35) Perylene-d12	23.674	264	1308	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	197	0.129	ng	0.00
5) Phenol-d6	6.979	99	138	0.073	ng	0.00
8) Nitrobenzene-d5	8.967	82	470	0.490	ng	-0.01
11) 2-Methylnaphthalene-d10	12.213	152	731	0.451	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	130	0.422	ng	-0.02
15) 2-Fluorobiphenyl	13.089	172	1214	0.432	ng	0.00
27) Fluoranthene-d10	19.229	212	1771	0.545	ng	0.00
31) Terphenyl-d14	19.829	244	1306	0.552	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.325	88	16	0.026	ng	# 49
34) Bis(2-ethylhexyl)phtha...	21.304	149	181	0.106	ng	# 94

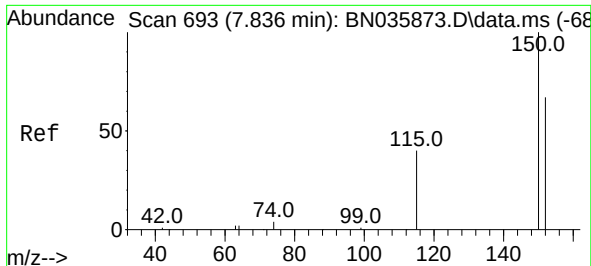
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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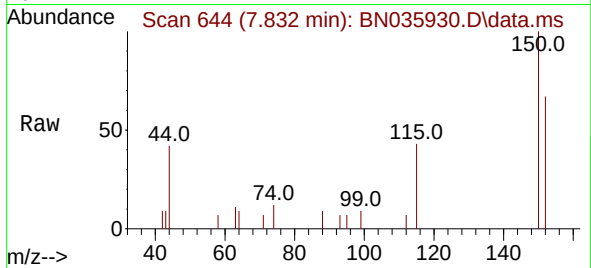
Quant Time: Jan 15 13:24:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



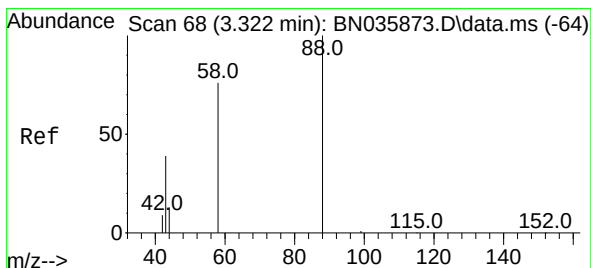
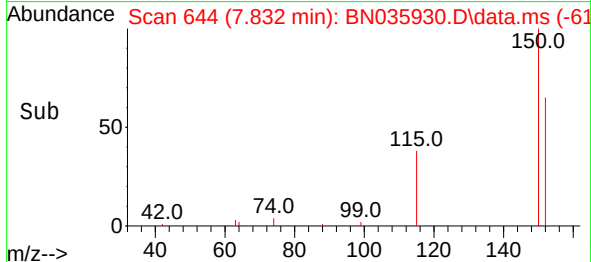
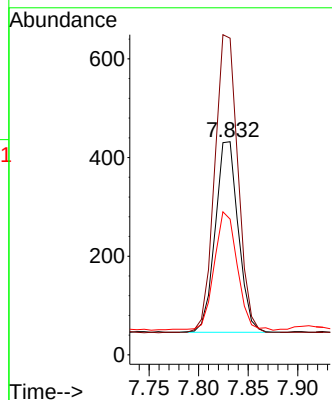


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250113

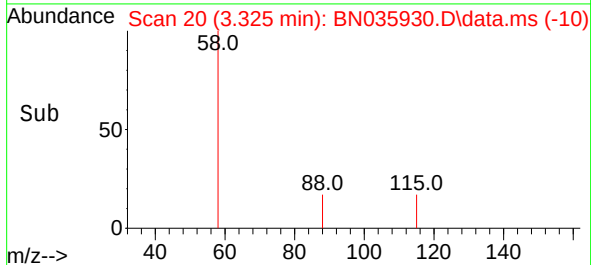
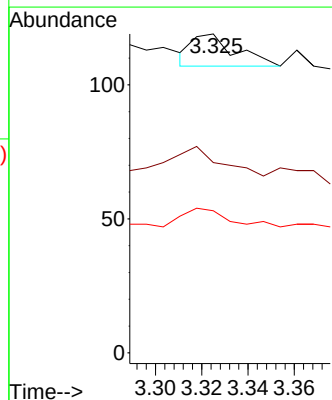
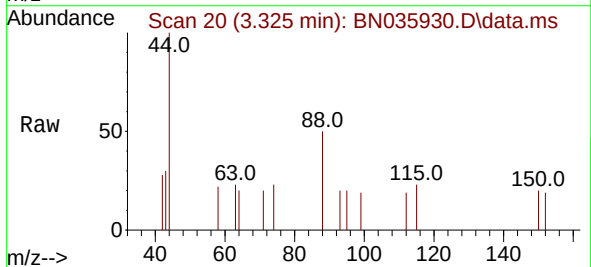


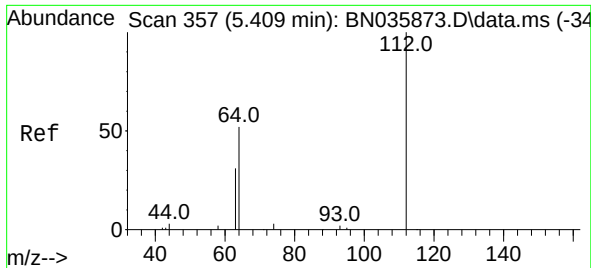
Tgt Ion:152 Resp: 624
Ion Ratio Lower Upper
152 100
150 148.6 117.8 176.6
115 63.7 51.0 76.4



#2
1,4-Dioxane
Concen: 0.026 ng
RT: 3.325 min Scan# 20
Delta R.T. 0.003 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

Tgt Ion: 88 Resp: 16
Ion Ratio Lower Upper
88 100
43 112.5 32.7 49.1#
58 62.5 63.0 94.4#

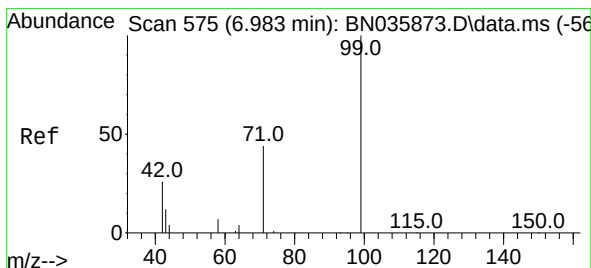
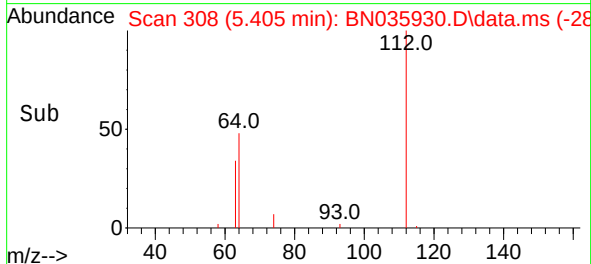
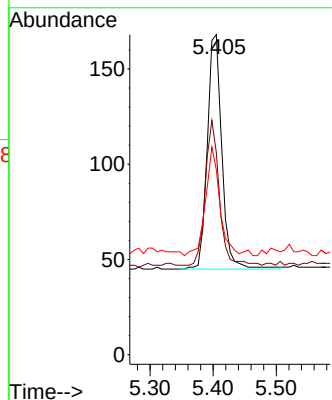
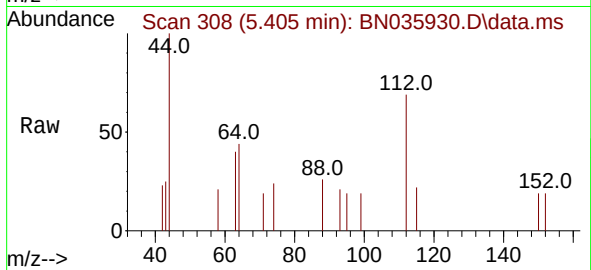




#4
2-Fluorophenol
Concen: 0.129 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

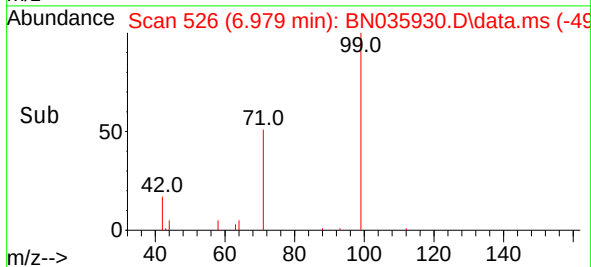
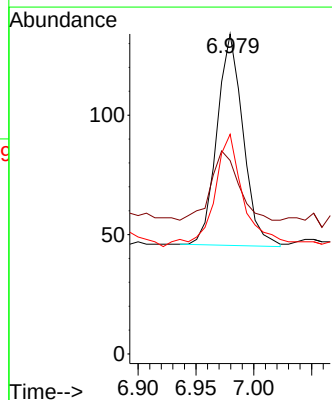
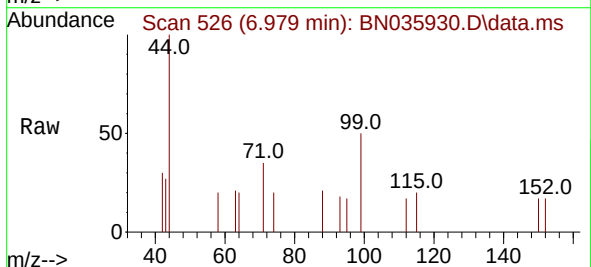
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250113

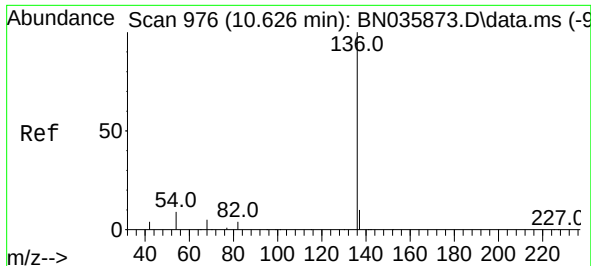
Tgt Ion:112 Resp: 197
Ion Ratio Lower Upper
112 100
64 58.9 48.2 72.2
63 45.2 30.0 45.0#



#5
Phenol-d6
Concen: 0.073 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

Tgt Ion: 99 Resp: 138
Ion Ratio Lower Upper
99 100
42 37.0 23.5 35.3#
71 63.8 35.5 53.3#

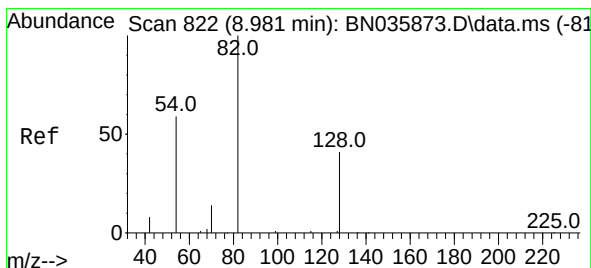
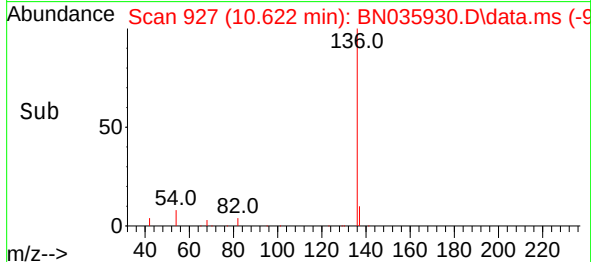
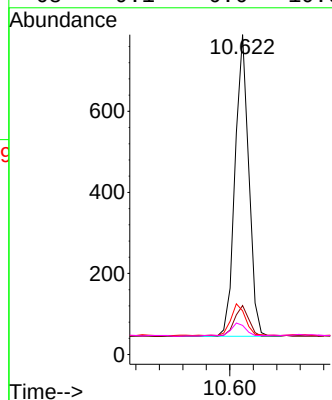
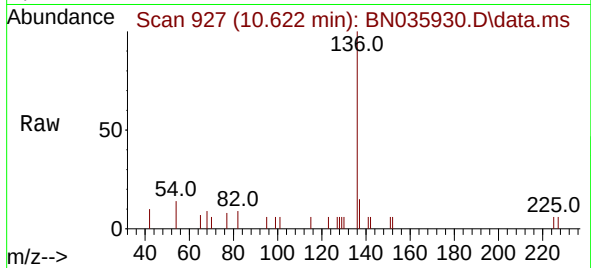




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

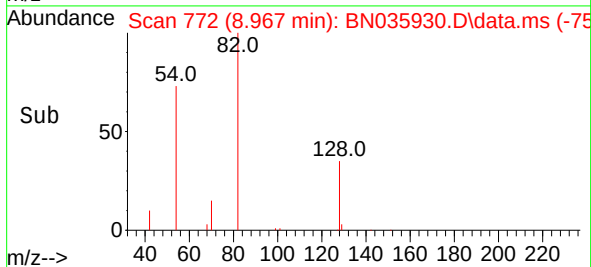
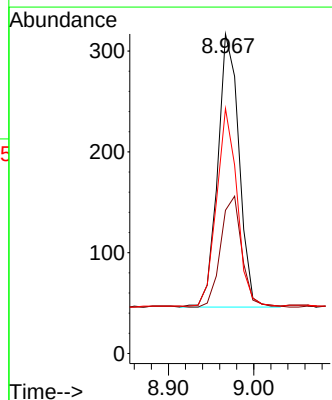
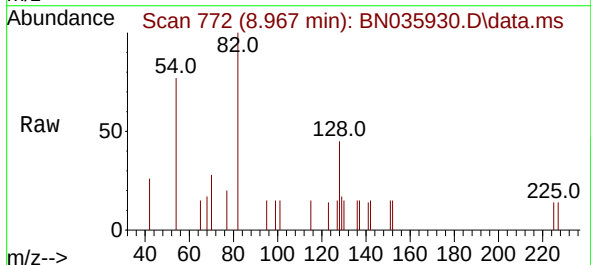
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250113

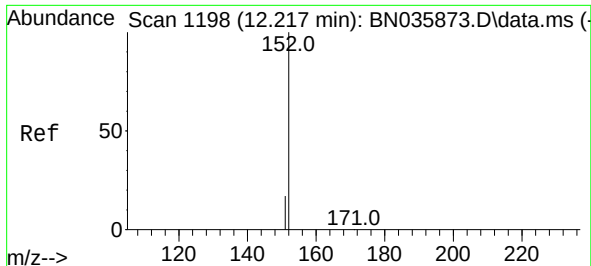
Tgt Ion:	136	Resp:	1211
Ion	Ratio	Lower	Upper
136	100		
137	15.3	10.6	15.8
54	13.7	9.8	14.6
68	9.1	6.6	10.0



#8
Nitrobenzene-d5
Concen: 0.490 ng
RT: 8.967 min Scan# 772
Delta R.T. -0.015 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

Tgt Ion:	82	Resp:	470
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.9	55.3
54	76.7	50.4	75.6

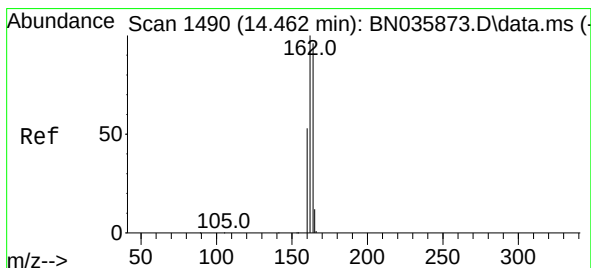
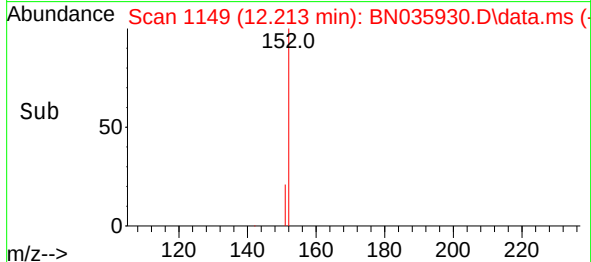
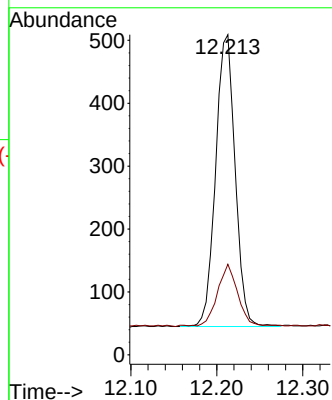
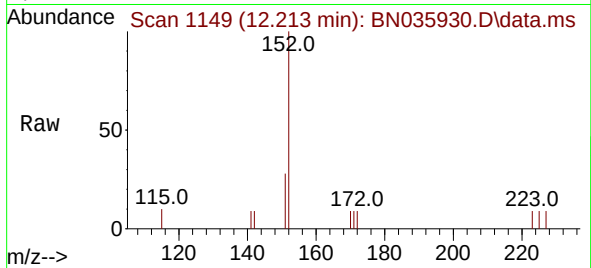




#11
2-Methylnaphthalene-d10
Concen: 0.451 ng
RT: 12.213 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

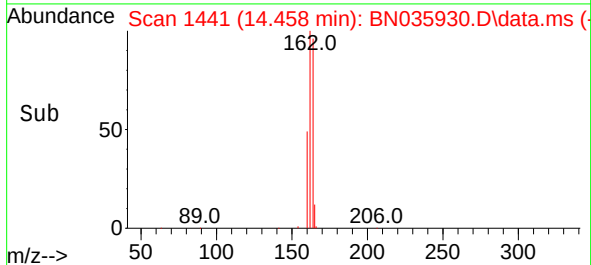
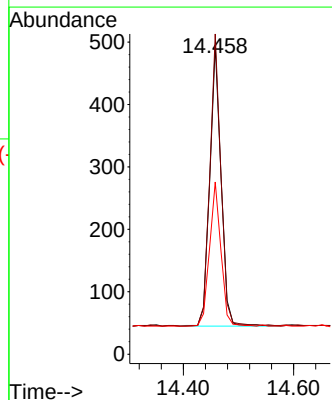
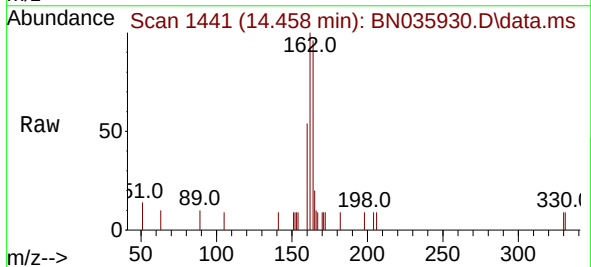
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250113

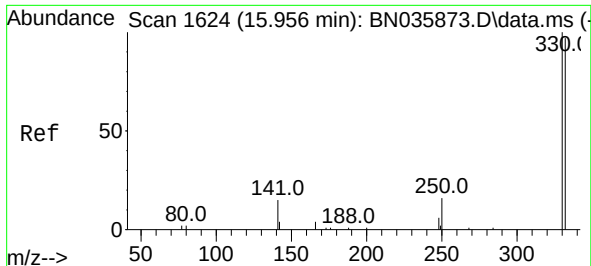
Tgt Ion:152 Resp: 731
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1441
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

Tgt Ion:164 Resp: 641
Ion Ratio Lower Upper
164 100
162 103.6 83.1 124.7
160 55.8 46.0 69.0

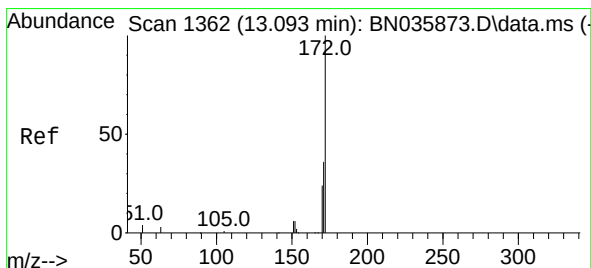
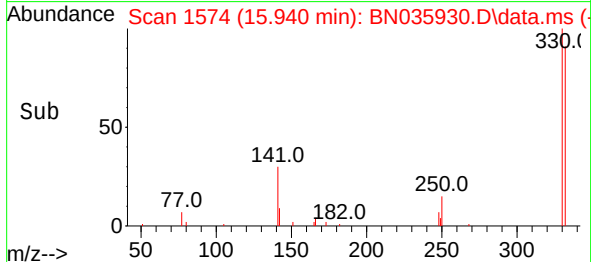
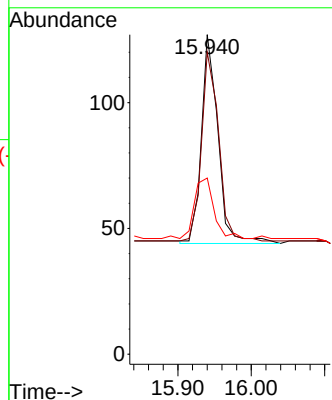
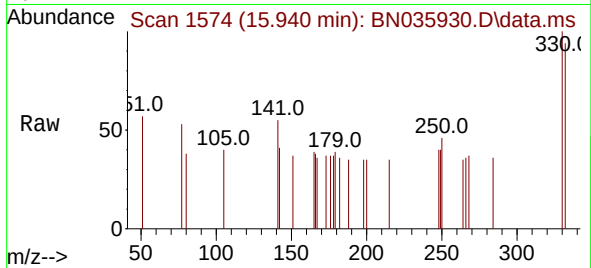




#14
2,4,6-Tribromophenol
Concen: 0.422 ng
RT: 15.940 min Scan# 1
Delta R.T. -0.016 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

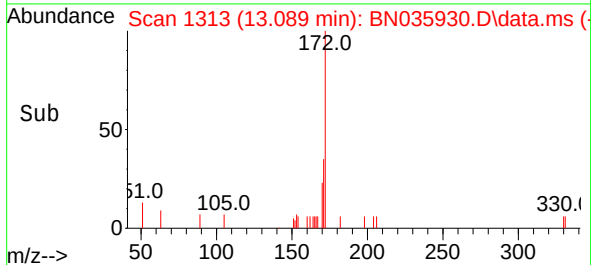
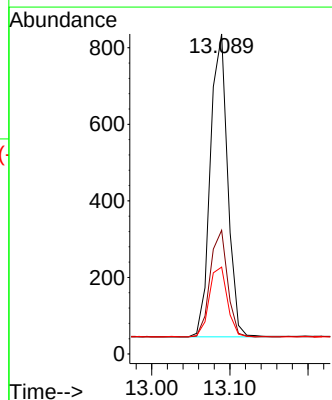
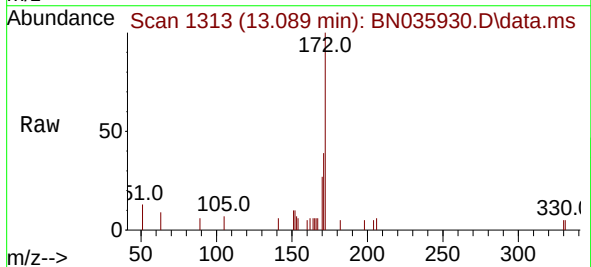
Instrument :
BNA_N
ClientSampleId :
RW7-SP302-20250113

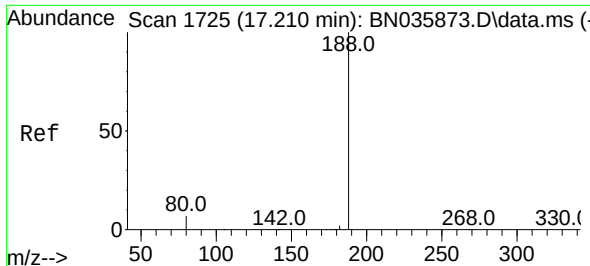
Tgt Ion:330 Resp: 130
Ion Ratio Lower Upper
330 100
332 93.1 77.2 115.8
141 40.0 31.6 47.4



#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.089 min Scan# 1313
Delta R.T. -0.004 min
Lab File: BN035930.D
Acq: 15 Jan 2025 12:51

Tgt Ion:172 Resp: 1214
Ion Ratio Lower Upper
172 100
171 38.6 30.5 45.7
170 27.2 20.8 31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.194 min Scan# 1

Delta R.T. -0.016 min

Lab File: BN035930.D

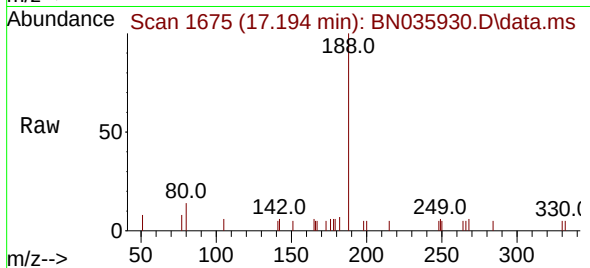
Acq: 15 Jan 2025 12:51

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250113



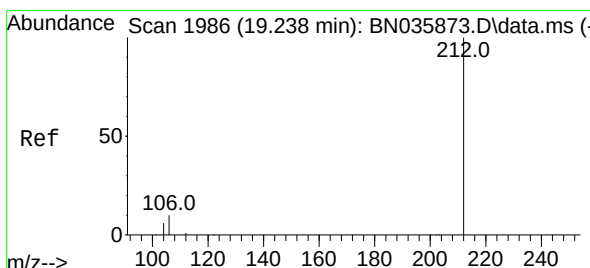
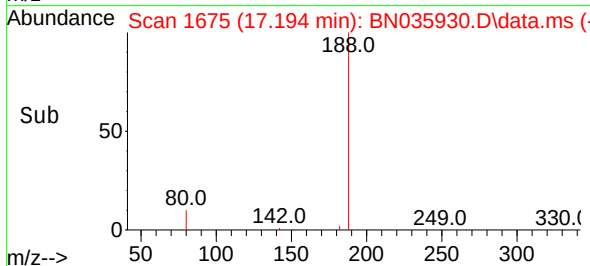
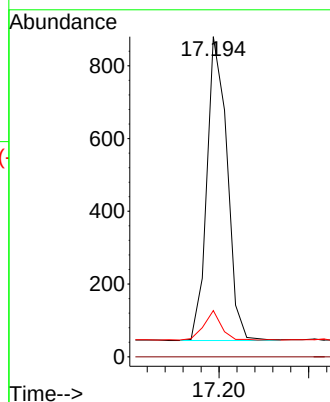
Tgt Ion:188 Resp: 1308

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.4 7.3 10.9#



#27

Fluoranthene-d10

Concen: 0.545 ng

RT: 19.229 min Scan# 1936

Delta R.T. -0.009 min

Lab File: BN035930.D

Acq: 15 Jan 2025 12:51

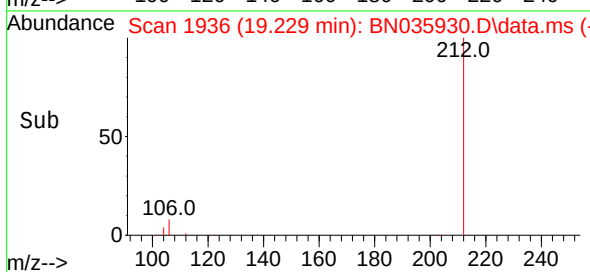
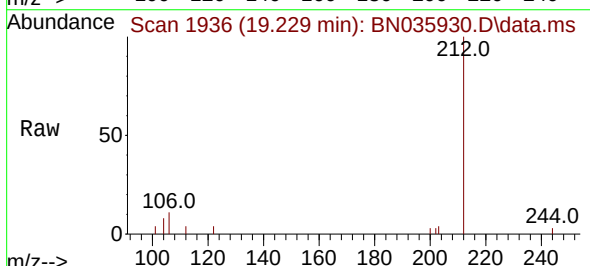
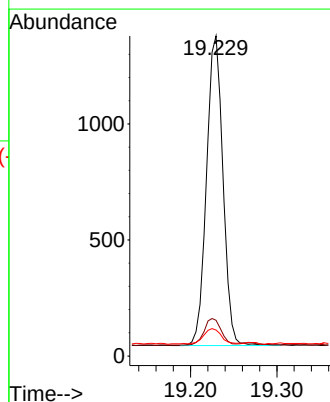
Tgt Ion:212 Resp: 1771

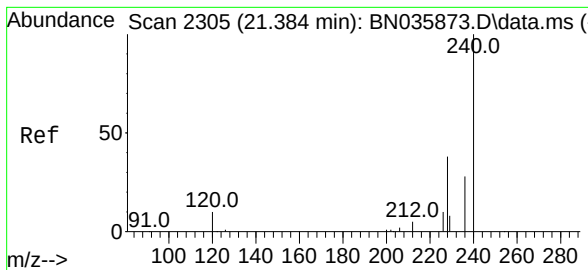
Ion Ratio Lower Upper

212 100

106 8.9 9.0 13.6#

104 5.6 5.4 8.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.376 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN035930.D

Acq: 15 Jan 2025 12:51

Instrument :

BNA_N

ClientSampleId :

RW7-SP302-20250113

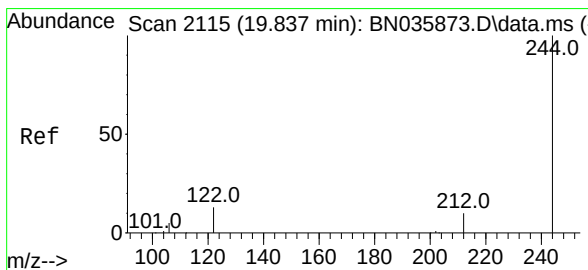
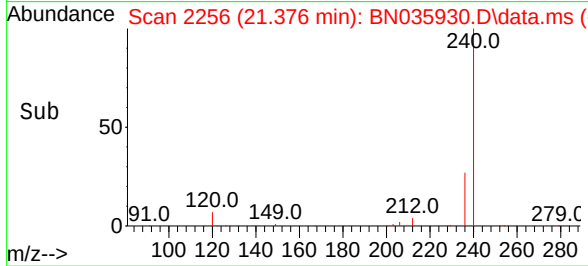
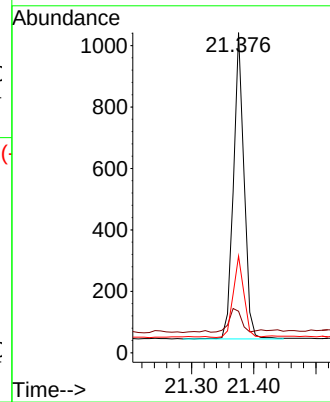
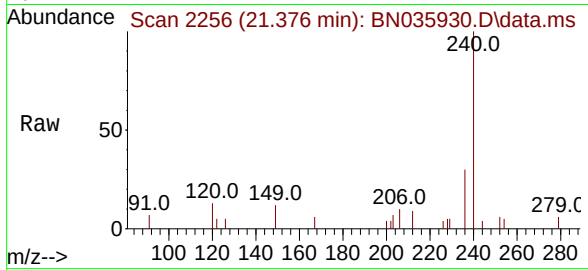
Tgt Ion:240 Resp: 1187

Ion Ratio Lower Upper

240 100

120 13.0 11.1 16.7

236 30.2 24.6 36.8



#31

Terphenyl-d14

Concen: 0.552 ng

RT: 19.829 min Scan# 2065

Delta R.T. -0.009 min

Lab File: BN035930.D

Acq: 15 Jan 2025 12:51

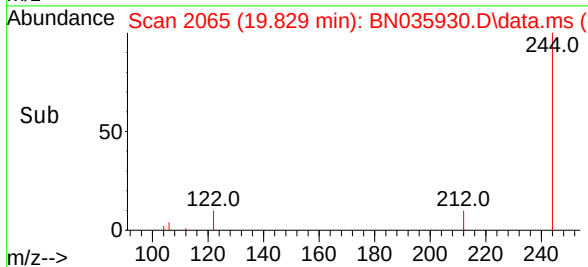
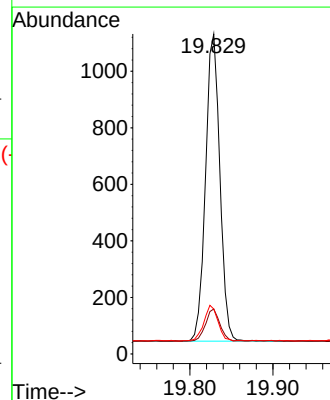
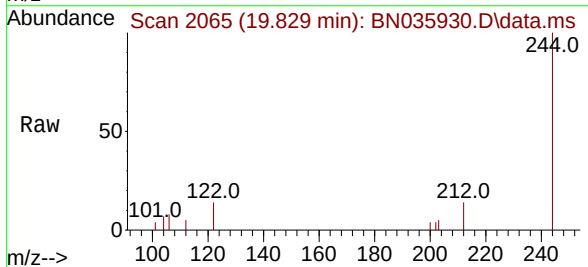
Tgt Ion:244 Resp: 1306

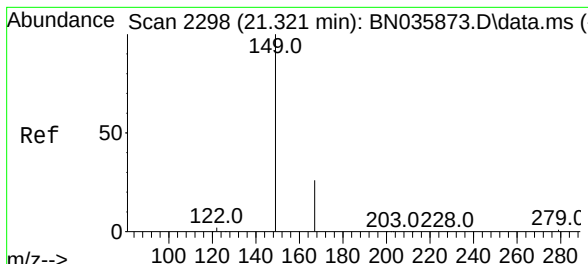
Ion Ratio Lower Upper

244 100

212 14.0 10.1 15.1

122 14.0 12.2 18.4



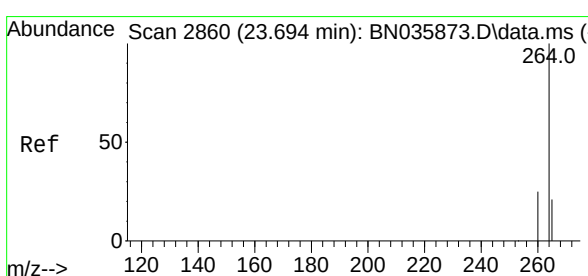
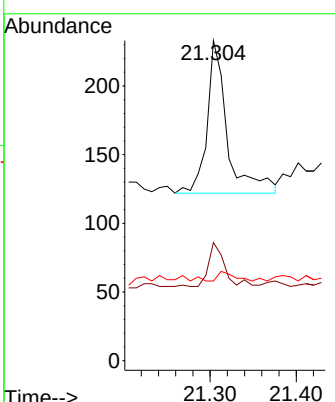
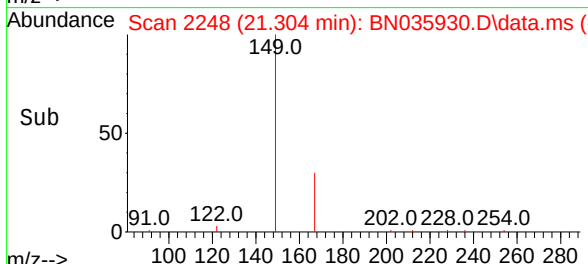
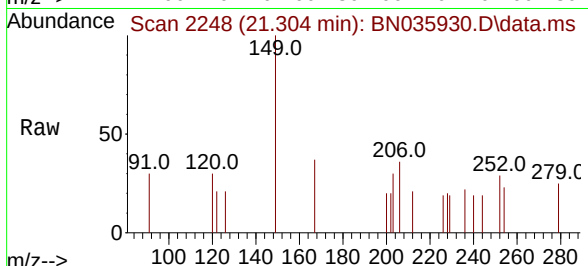


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.106 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN035930.D
 Acq: 15 Jan 2025 12:51

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP302-20250113

Tgt Ion:149 Resp: 181

Ion	Ratio	Lower	Upper
149	100		
167	23.2	21.4	32.0
279	5.0	3.0	4.6



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.674 min Scan# 2805
 Delta R.T. -0.020 min
 Lab File: BN035930.D
 Acq: 15 Jan 2025 12:51

Tgt Ion:264 Resp: 1308

Ion	Ratio	Lower	Upper
264	100		
260	31.0	21.7	32.5
265	57.6	33.9	50.9

