

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
 Data File : BN035932.D
 Acq On : 15 Jan 2025 14:02
 Operator : RC/JU
 Sample : Q1081-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250113

Quant Time: Jan 15 14:33:02 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)

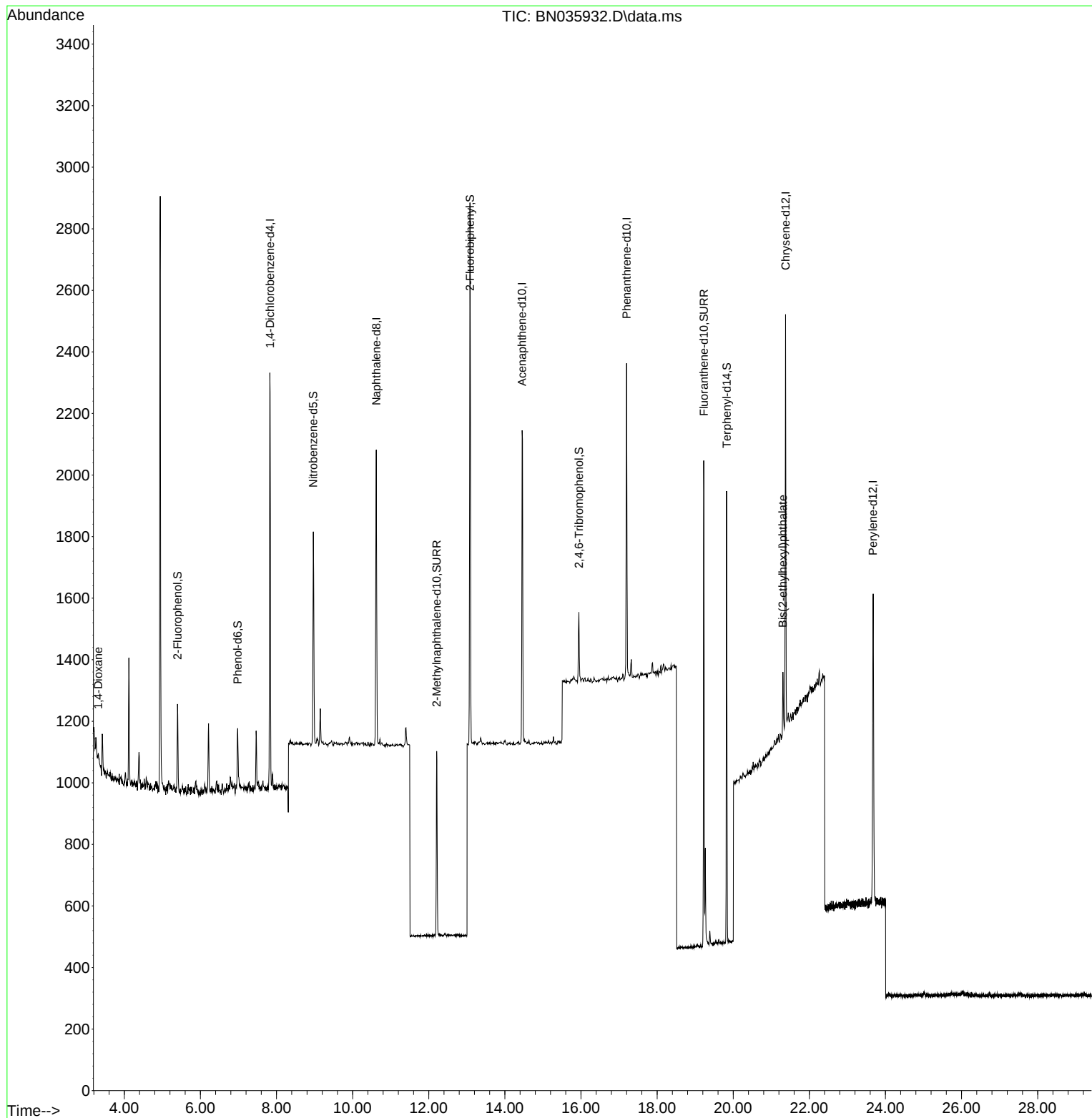
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	634	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1190	0.400	ng	# 0.00
13) Acenaphthene-d10	14.452	164	633	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1322	0.400	ng	-0.01
29) Chrysene-d12	21.376	240	1184	0.400	ng	0.00
35) Perylene-d12	23.675	264	1334	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	210	0.135	ng	-0.01
5) Phenol-d6	6.979	99	156	0.081	ng	0.00
8) Nitrobenzene-d5	8.967	82	483	0.513	ng	-0.01
11) 2-Methylnaphthalene-d10	12.208	152	774	0.486	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	136	0.447	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1368	0.493	ng	0.00
27) Fluoranthene-d10	19.225	212	1822	0.555	ng	-0.01
31) Terphenyl-d14	19.829	244	1437	0.609	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	18	0.029	ng	# 6
34) Bis(2-ethylhexyl)phtha...	21.304	149	198	0.117	ng	# 97

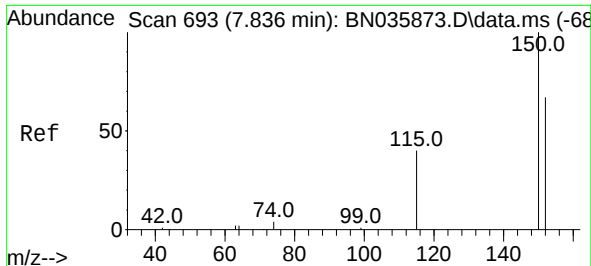
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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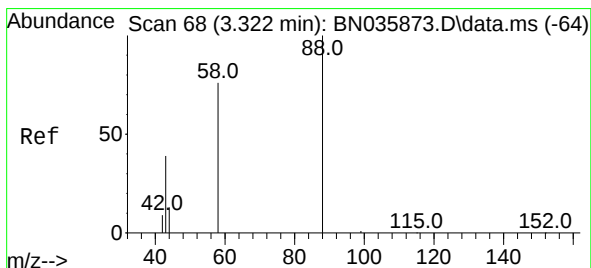
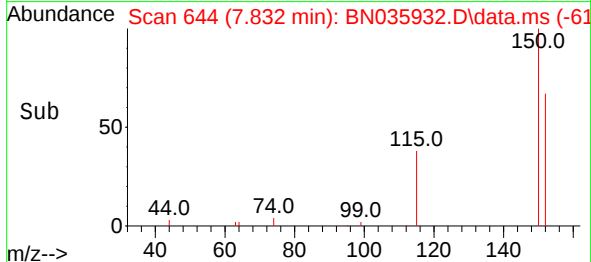
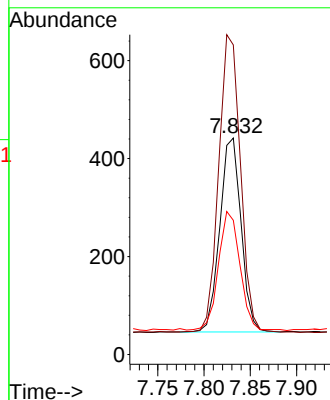
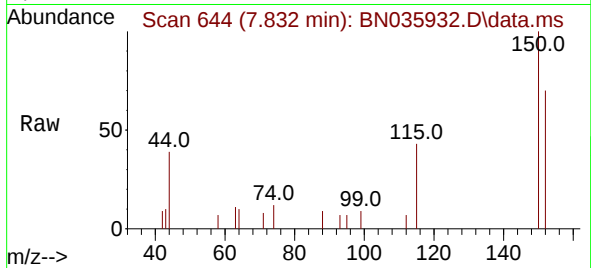




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

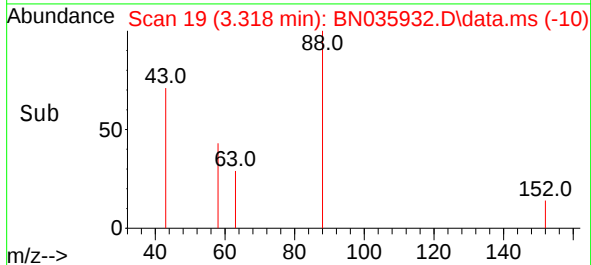
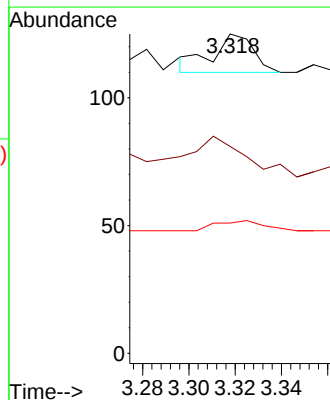
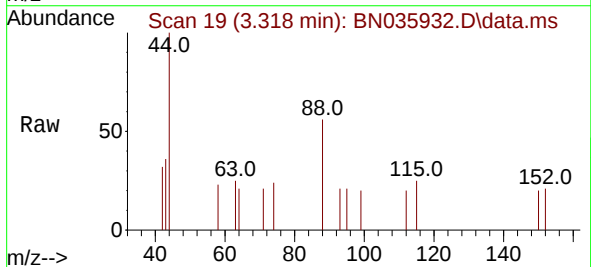
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250113

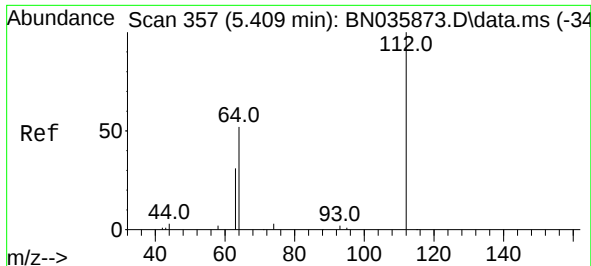
Tgt Ion:152 Resp: 634
Ion Ratio Lower Upper
152 100
150 143.0 117.8 176.6
115 62.0 51.0 76.4



#2
1,4-Dioxane
Concen: 0.029 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.004 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 150.0 32.7 49.1#
58 33.3 63.0 94.4#

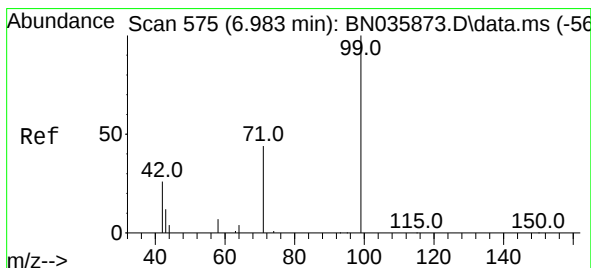
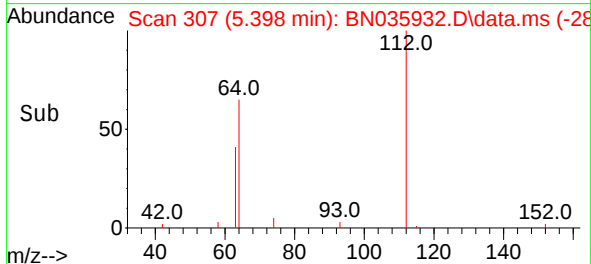
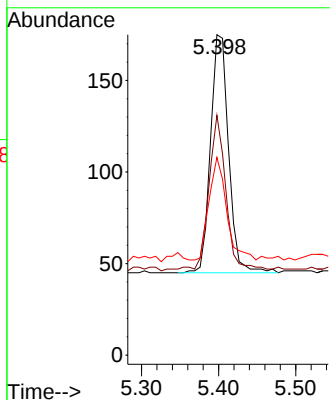
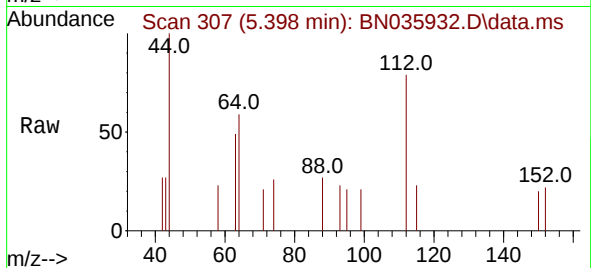




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

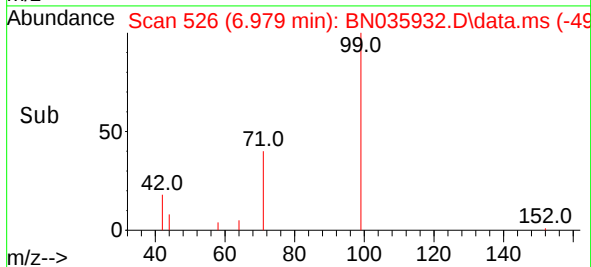
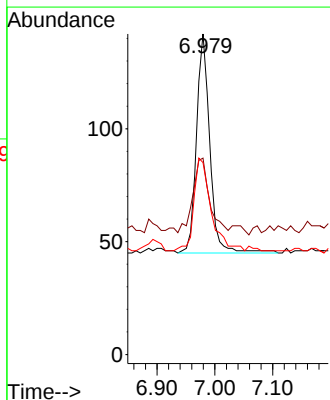
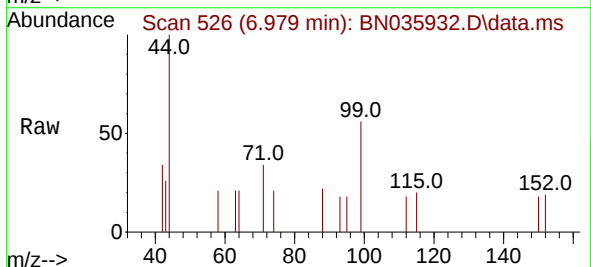
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250113

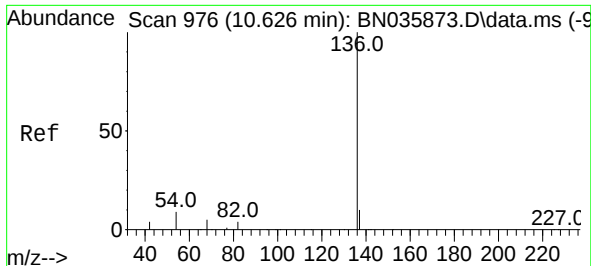
Tgt Ion:	112	Resp:	210
Ion	Ratio	Lower	Upper
112	100		
64	61.4	48.2	72.2
63	41.9	30.0	45.0



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

Tgt Ion:	99	Resp:	156
Ion	Ratio	Lower	Upper
99	100		
42	40.4	23.5	35.3#
71	53.8	35.5	53.3#

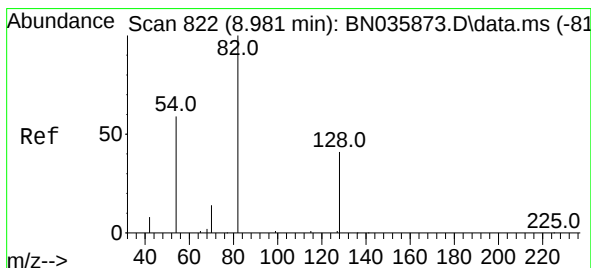
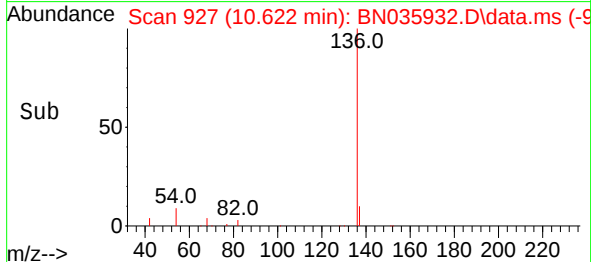
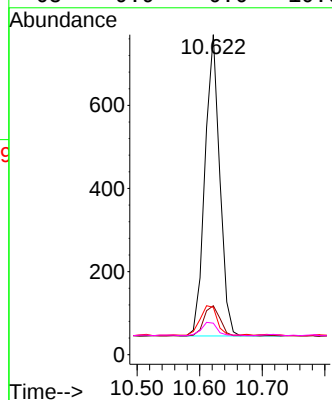
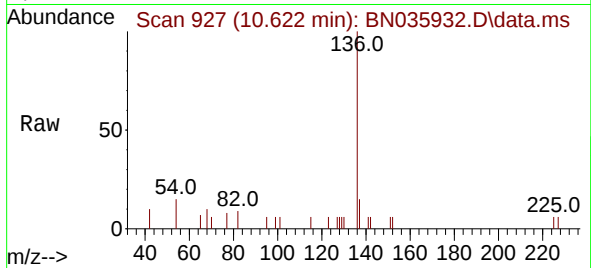




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

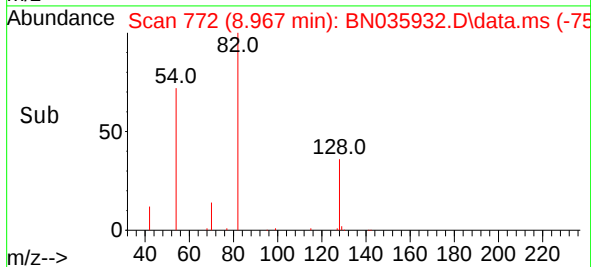
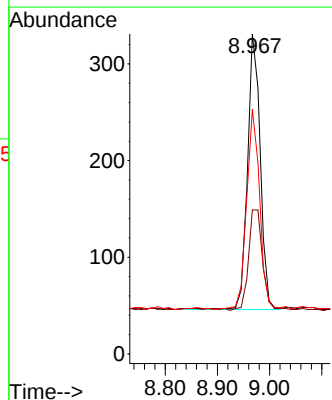
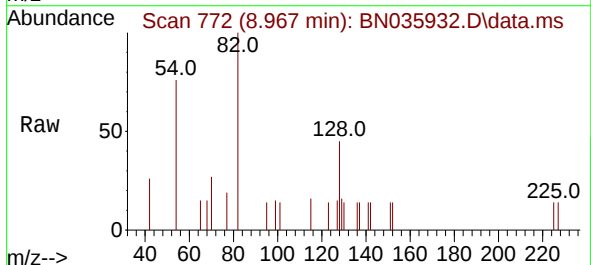
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250113

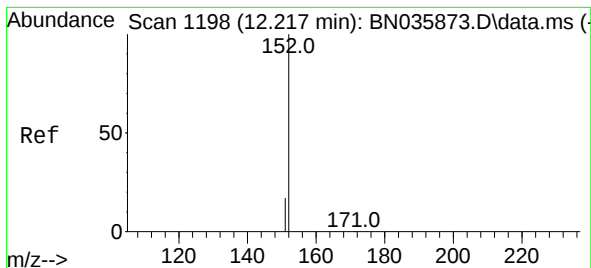
Tgt Ion:136	Resp:	1190
Ion Ratio	Lower	Upper
136	100	
137	15.3	10.6 15.8
54	14.8	9.8 14.6#
68	9.9	6.6 10.0



#8
Nitrobenzene-d5
Concen: 0.513 ng
RT: 8.967 min Scan# 772
Delta R.T. -0.015 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

Tgt Ion: 82	Resp:	483
Ion Ratio	Lower	Upper
82	100	
128	45.0	36.9 55.3
54	76.4	50.4 75.6#

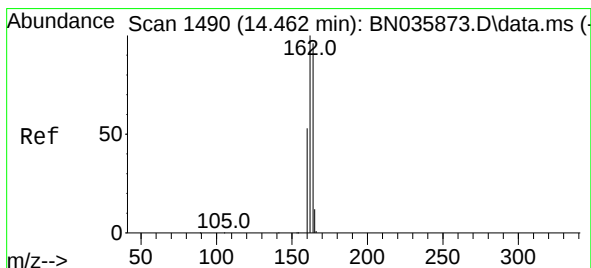
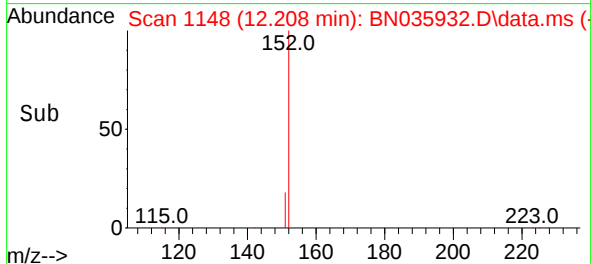
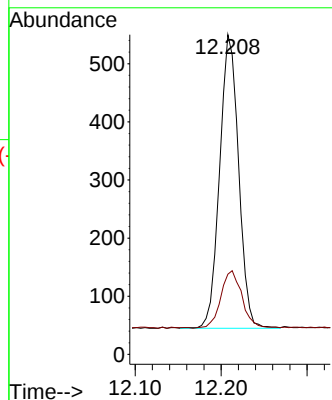
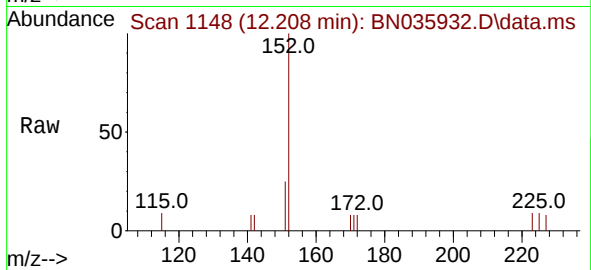




#11
2-Methylnaphthalene-d10
Concen: 0.486 ng
RT: 12.208 min Scan# 1198
Delta R.T. -0.009 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

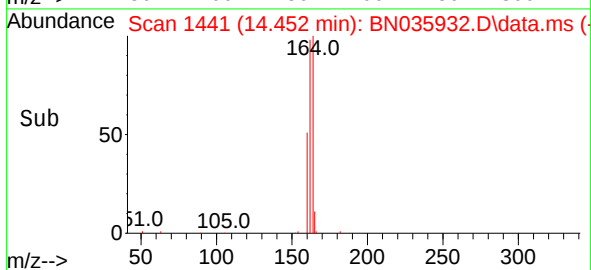
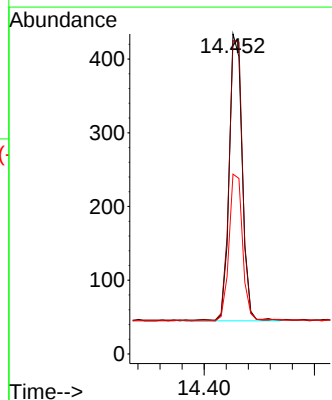
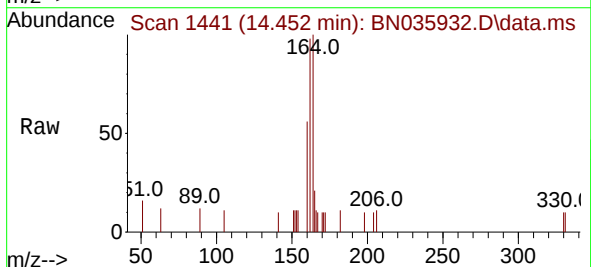
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250113

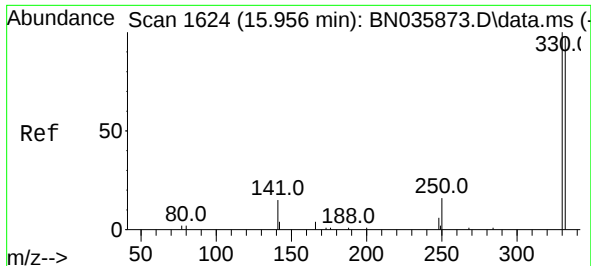
Tgt Ion:152 Resp: 774
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1441
Delta R.T. -0.009 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

Tgt Ion:164 Resp: 633
Ion Ratio Lower Upper
164 100
162 97.9 83.1 124.7
160 56.2 46.0 69.0





#14

2,4,6-Tribromophenol

Concen: 0.447 ng

RT: 15.945 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN035932.D

Acq: 15 Jan 2025 14:02

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250113

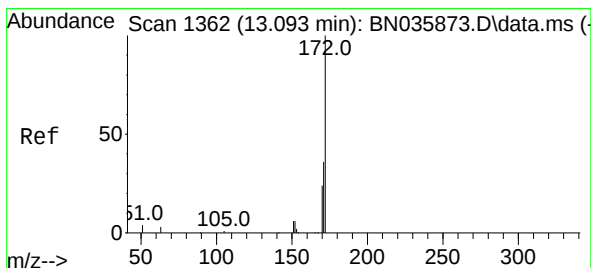
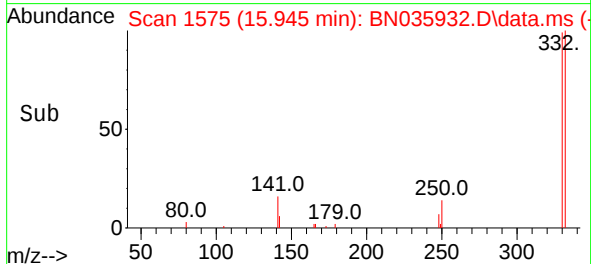
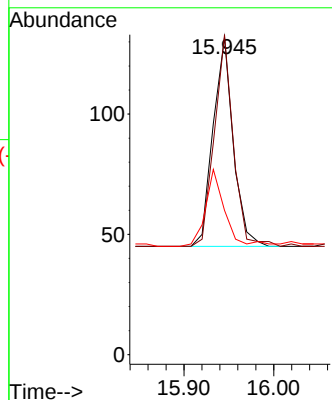
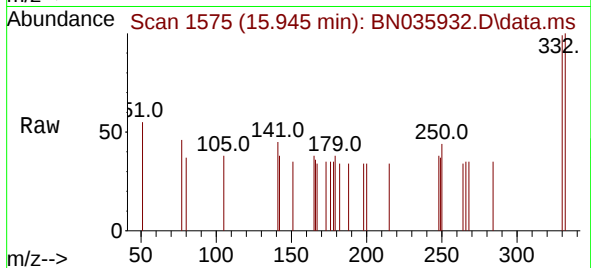
Tgt Ion:330 Resp: 136

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 35.3 31.6 47.4



#15

2-Fluorobiphenyl

Concen: 0.493 ng

RT: 13.084 min Scan# 1313

Delta R.T. -0.009 min

Lab File: BN035932.D

Acq: 15 Jan 2025 14:02

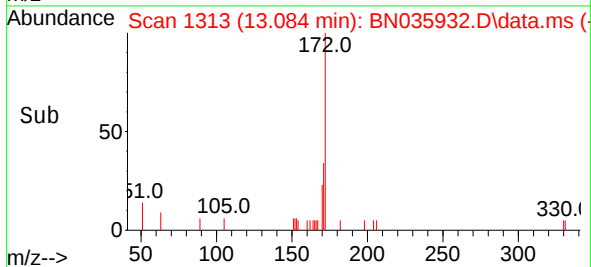
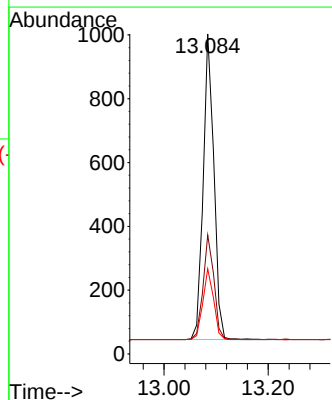
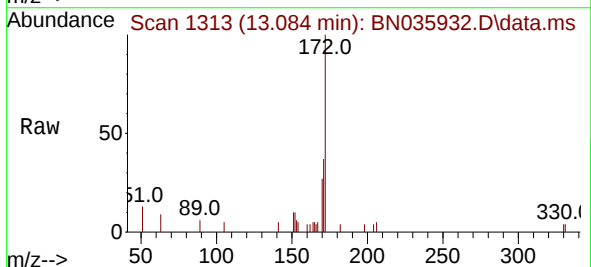
Tgt Ion:172 Resp: 1368

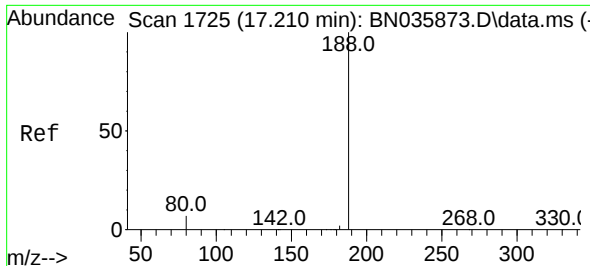
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

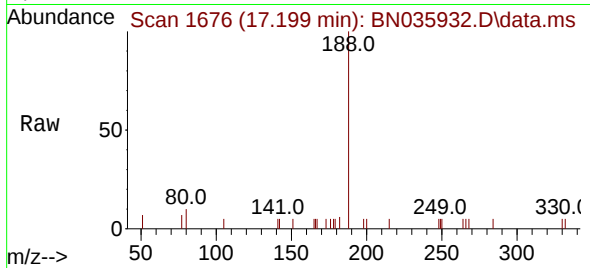
170 26.6 20.8 31.2



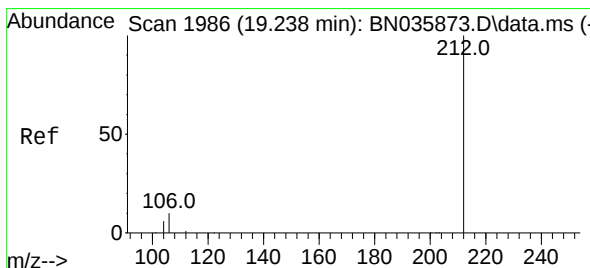
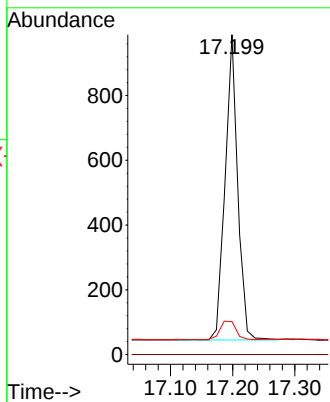
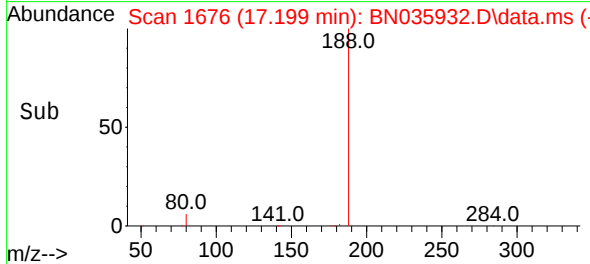


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20250113

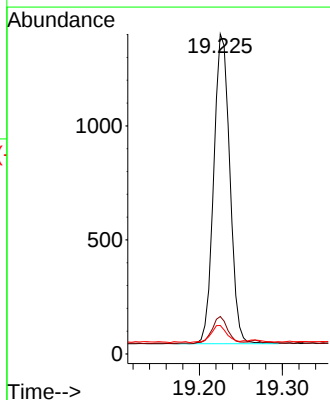
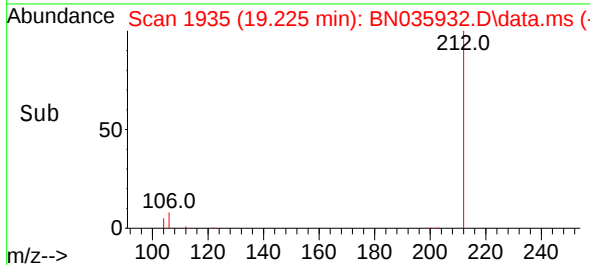
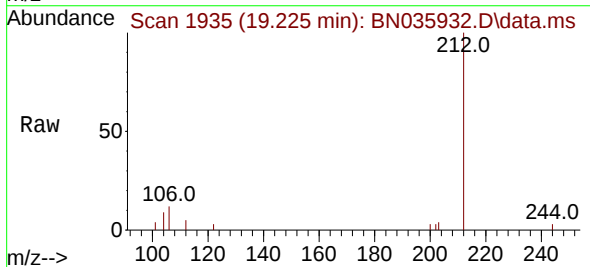


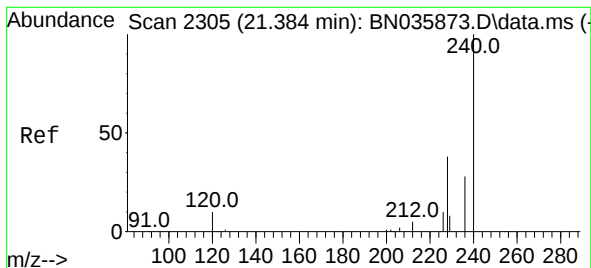
Tgt Ion:188 Resp: 1322
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 7.3 10.9



#27
Fluoranthene-d10
Concen: 0.555 ng
RT: 19.225 min Scan# 1935
Delta R.T. -0.013 min
Lab File: BN035932.D
Acq: 15 Jan 2025 14:02

Tgt Ion:212 Resp: 1822
Ion Ratio Lower Upper
212 100
106 8.5 9.0 13.6#
104 5.5 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: BN035932.D

Acq: 15 Jan 2025 14:02

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20250113

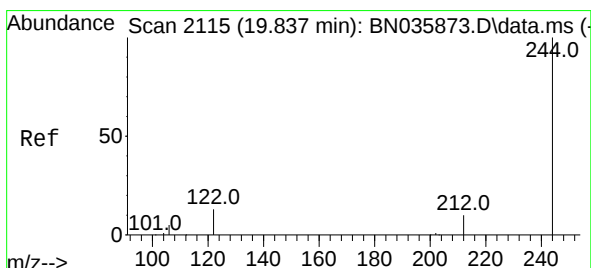
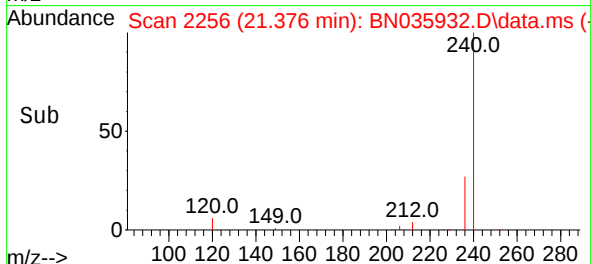
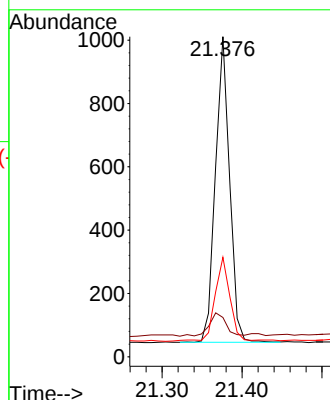
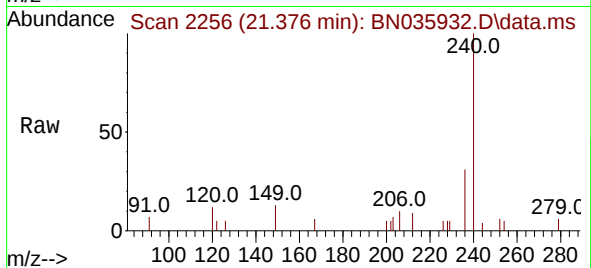
Tgt Ion:240 Resp: 1184

Ion Ratio Lower Upper

240 100

120 12.3 11.1 16.7

236 31.1 24.6 36.8



#31

Terphenyl-d14

Concen: 0.609 ng

RT: 19.829 min Scan# 2065

Delta R.T. -0.008 min

Lab File: BN035932.D

Acq: 15 Jan 2025 14:02

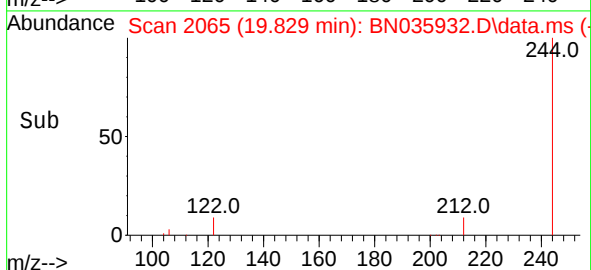
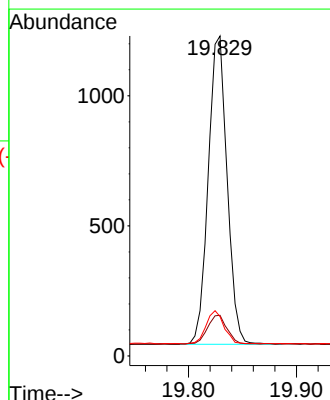
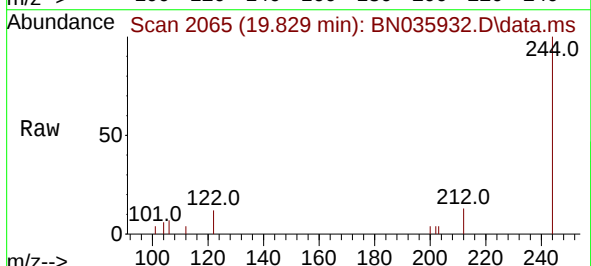
Tgt Ion:244 Resp: 1437

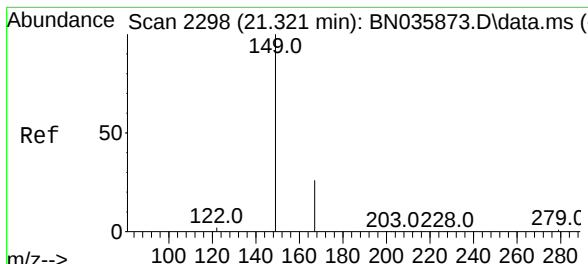
Ion Ratio Lower Upper

244 100

212 12.7 10.1 15.1

122 12.3 12.2 18.4

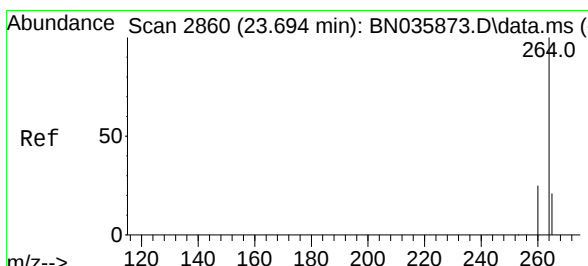
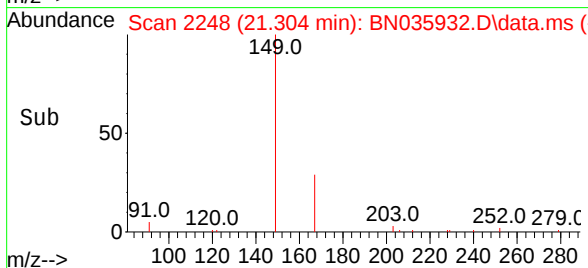
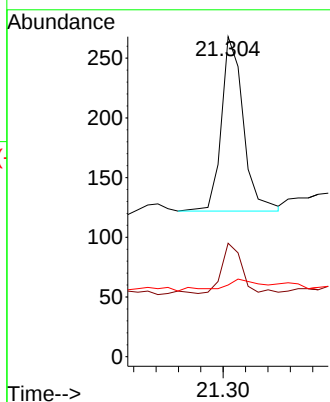
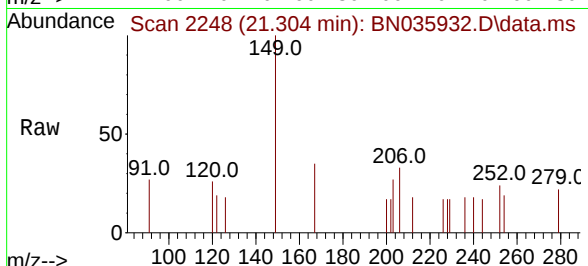




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.117 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN035932.D
 Acq: 15 Jan 2025 14:02

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20250113

Tgt Ion:	149	Resp:	198
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.4	32.0
279	11.6	3.0	4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.675 min Scan# 2805
 Delta R.T. -0.019 min
 Lab File: BN035932.D
 Acq: 15 Jan 2025 14:02

Tgt Ion:	264	Resp:	1334
Ion Ratio	Lower	Upper	
264	100		
260	27.5	21.7	32.5
265	55.7	33.9	50.9#

