

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
 Data File : BN035928.D
 Acq On : 15 Jan 2025 11:39
 Operator : RC/JU
 Sample : Q1081-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250113

Quant Time: Jan 15 12:08:06 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)

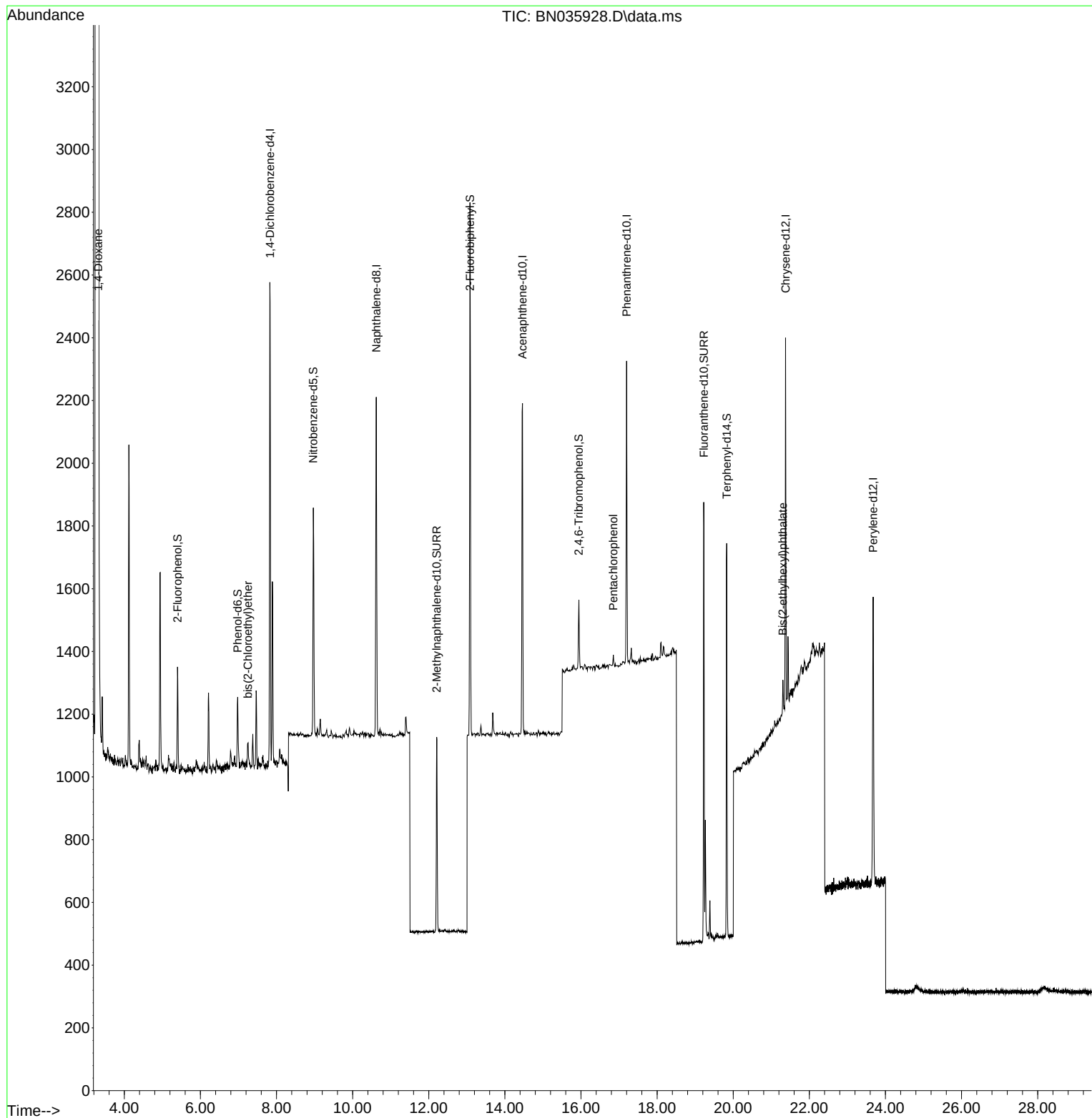
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	706	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1333	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	657	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1190	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	1015	0.400	ng	0.00
35) Perylene-d12	23.678	264	1185	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	234	0.135	ng	-0.01
5) Phenol-d6	6.979	99	171	0.079	ng	0.00
8) Nitrobenzene-d5	8.967	82	507	0.480	ng	-0.01
11) 2-Methylnaphthalene-d10	12.208	152	831	0.466	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	124	0.393	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1353	0.469	ng	0.00
27) Fluoranthene-d10	19.225	212	1584	0.536	ng	-0.01
31) Terphenyl-d14	19.829	244	1173	0.580	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	3644	5.197	ng	# 93
6) bis(2-Chloroethyl)ether	7.247	93	55	0.034	ng	# 74
24) Pentachlorophenol	16.851	266	17	0.043	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.304	149	126	0.087	ng	# 90

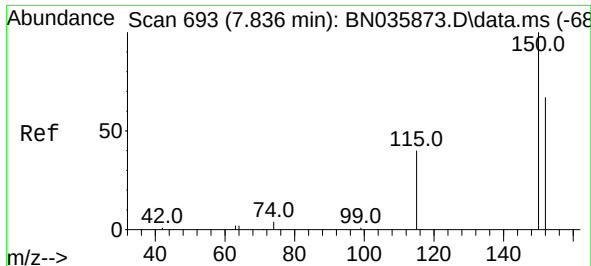
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
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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

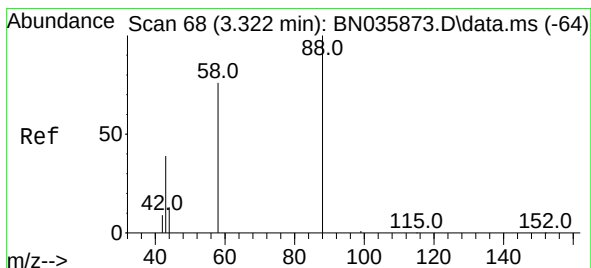
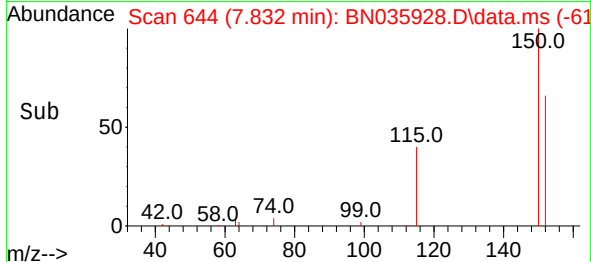
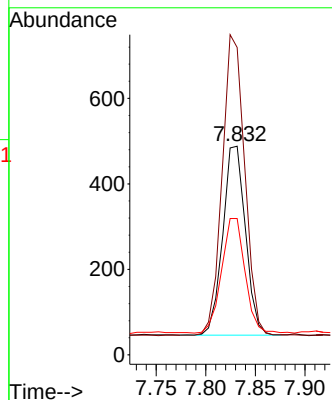
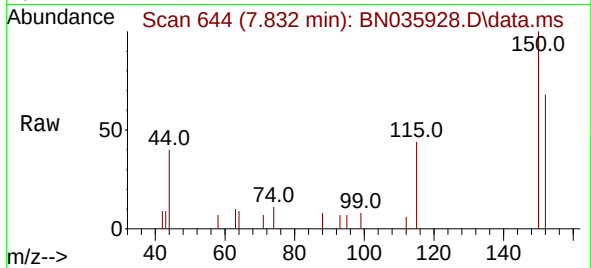




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035928.D
 Acq: 15 Jan 2025 11:39

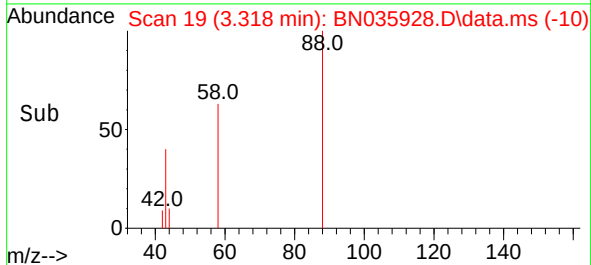
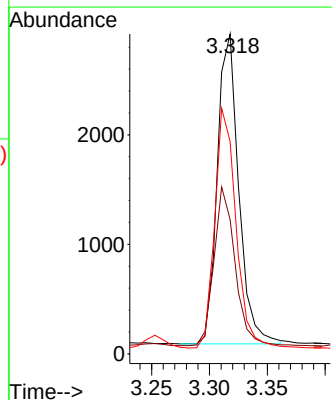
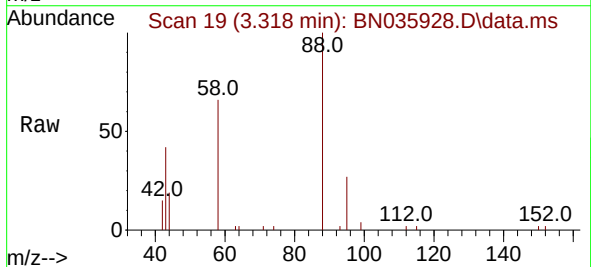
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250113

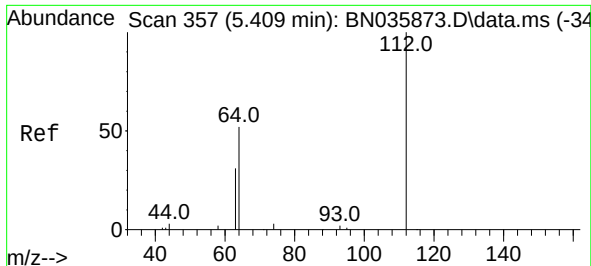
Tgt Ion:152 Resp: 706
 Ion Ratio Lower Upper
 152 100
 150 147.3 117.8 176.6
 115 65.4 51.0 76.4



#2
 1,4-Dioxane
 Concen: 5.197 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035928.D
 Acq: 15 Jan 2025 11:39

Tgt Ion: 88 Resp: 3644
 Ion Ratio Lower Upper
 88 100
 43 50.2 32.7 49.1#
 58 76.5 63.0 94.4

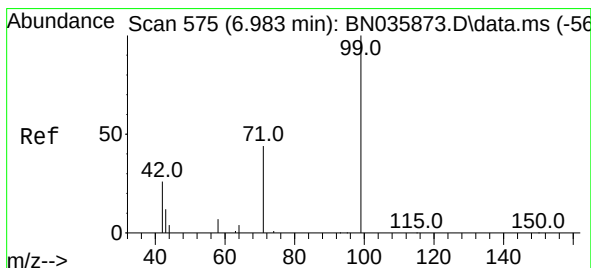
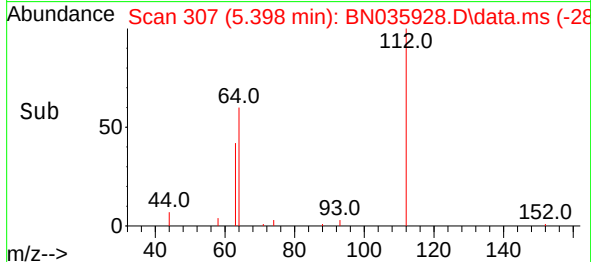
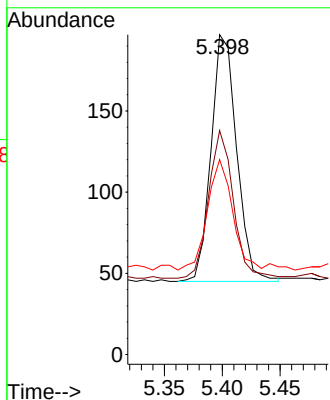
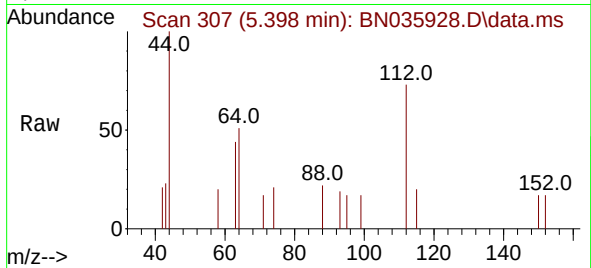




#4
2-Fluorophenol
Concen: 0.135 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035928.D
Acq: 15 Jan 2025 11:39

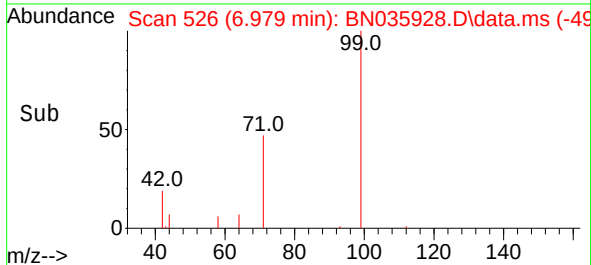
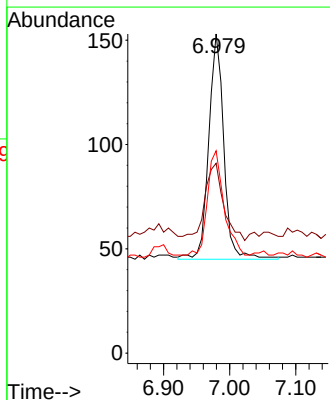
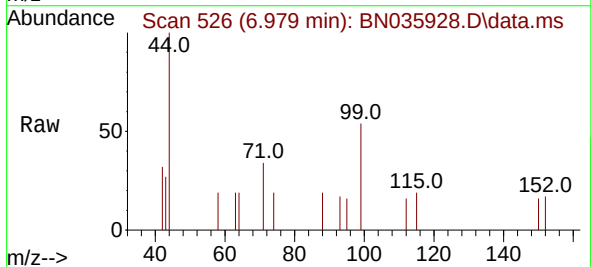
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113

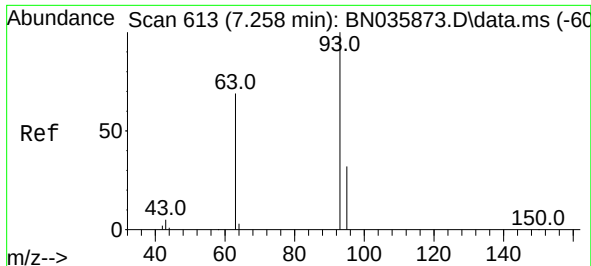
Tgt Ion:	112	Resp:	234
Ion	Ratio	Lower	Upper
112	100		
64	57.7	48.2	72.2
63	43.6	30.0	45.0



#5
Phenol-d6
Concen: 0.079 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035928.D
Acq: 15 Jan 2025 11:39

Tgt Ion:	99	Resp:	171
Ion	Ratio	Lower	Upper
99	100		
42	42.7	23.5	35.3#
71	52.0	35.5	53.3

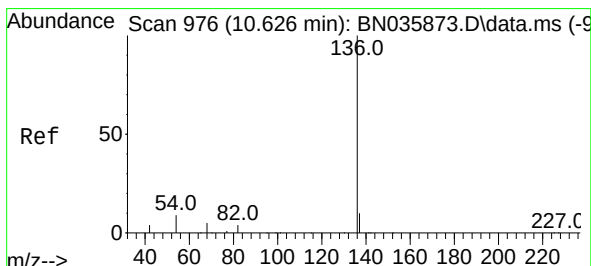
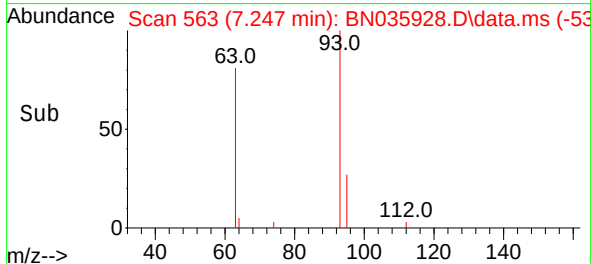
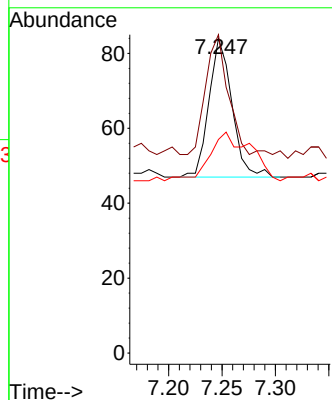
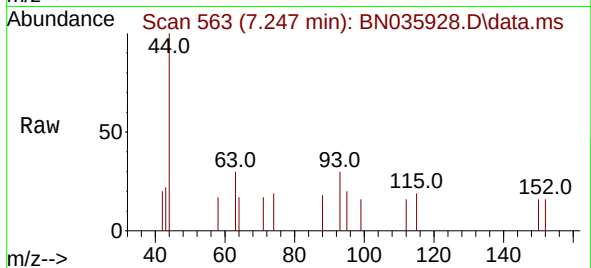




#6
bis(2-Chloroethyl)ether
Concen: 0.034 ng
RT: 7.247 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN035928.D
Acq: 15 Jan 2025 11:39

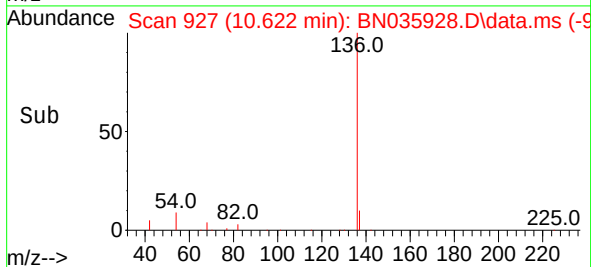
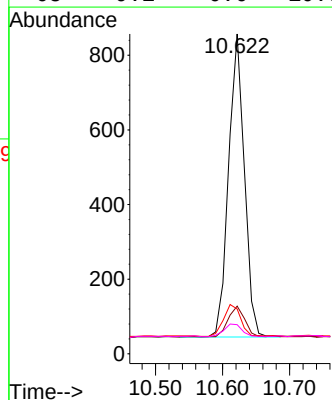
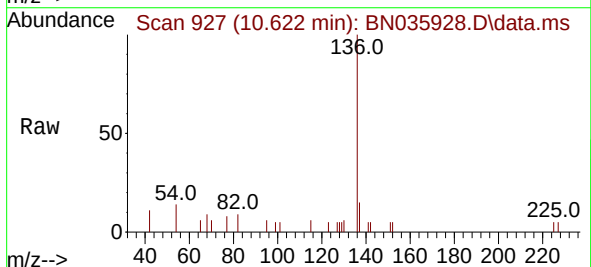
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113

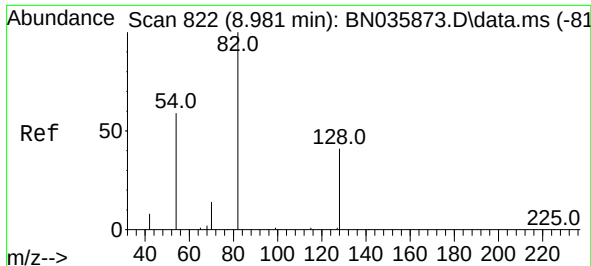
Tgt Ion: 93 Resp: 55
Ion Ratio Lower Upper
93 100
63 89.1 62.0 93.0
95 63.6 25.5 38.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035928.D
Acq: 15 Jan 2025 11:39

Tgt Ion: 136 Resp: 1333
Ion Ratio Lower Upper
136 100
137 14.9 10.6 15.8
54 14.0 9.8 14.6
68 9.1 6.6 10.0

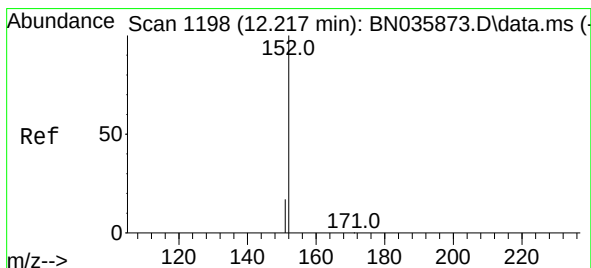
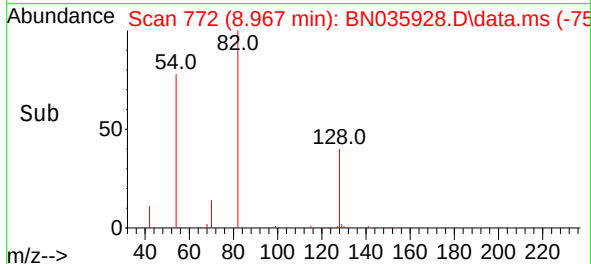
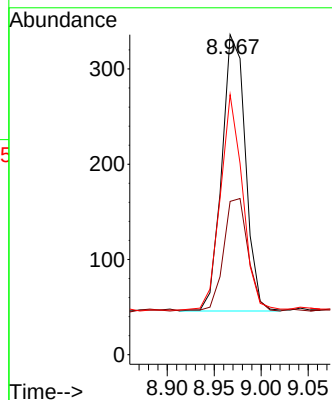
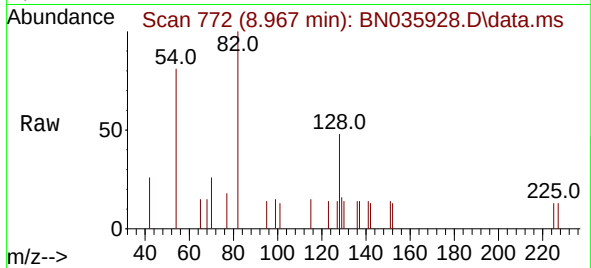




#8
Nitrobenzene-d5
Concen: 0.480 ng
RT: 8.967 min Scan# 71
Delta R.T. -0.015 min
Lab File: BN035928.D
Acq: 15 Jan 2025 11:39

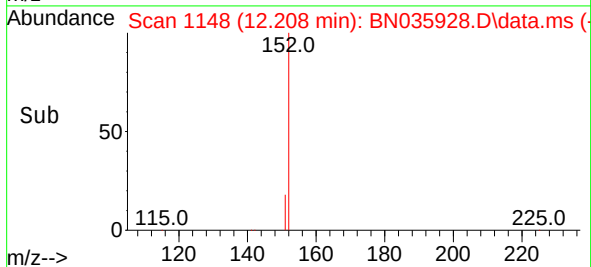
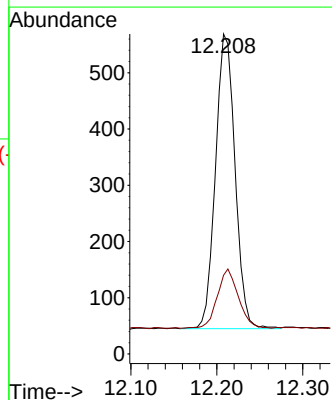
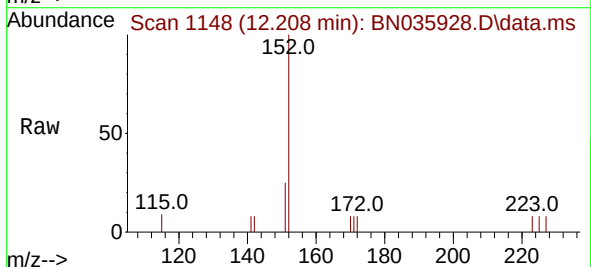
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250113

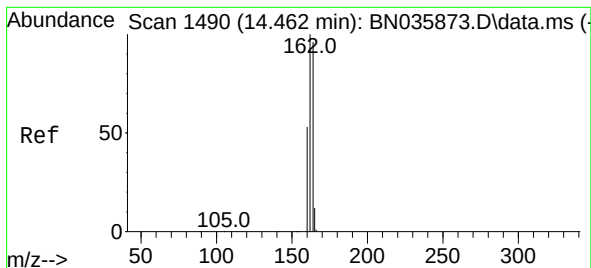
Tgt Ion: 82 Resp: 507
Ion Ratio Lower Upper
82 100
128 47.9 36.9 55.3
54 81.3 50.4 75.6#



#11
2-Methylnaphthalene-d10
Concen: 0.466 ng
RT: 12.208 min Scan# 1148
Delta R.T. -0.009 min
Lab File: BN035928.D
Acq: 15 Jan 2025 11:39

Tgt Ion:152 Resp: 831
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.463 min Scan# 14

Delta R.T. 0.001 min

Lab File: BN035928.D

Acq: 15 Jan 2025 11:39

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250113

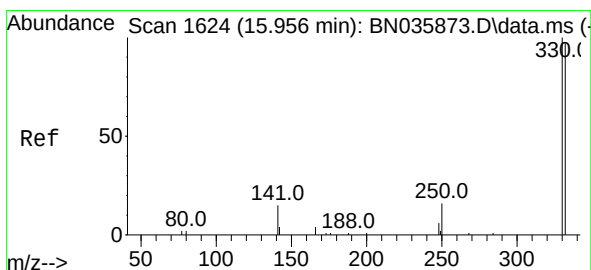
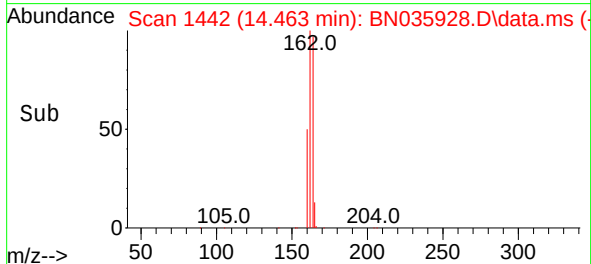
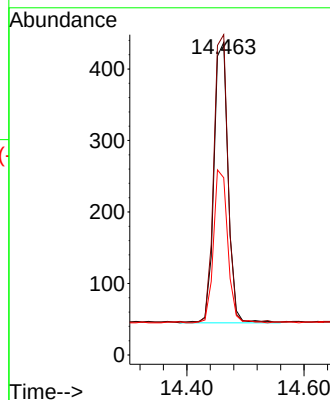
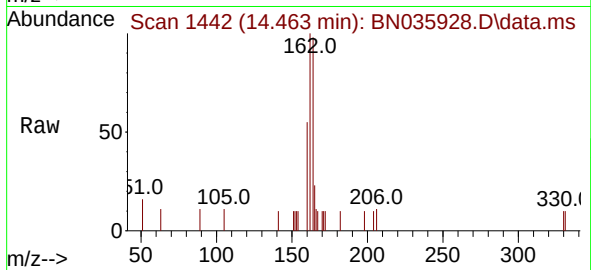
Tgt Ion:164 Resp: 657

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

160 56.8 46.0 69.0



#14

2,4,6-Tribromophenol

Concen: 0.393 ng

RT: 15.945 min Scan# 1575

Delta R.T. -0.011 min

Lab File: BN035928.D

Acq: 15 Jan 2025 11:39

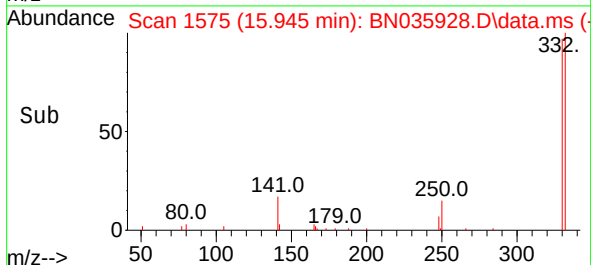
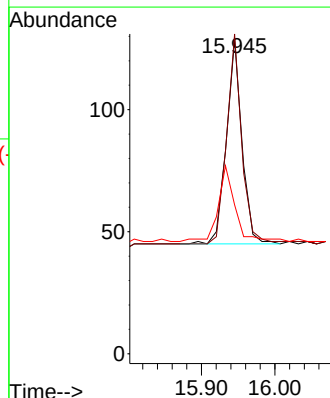
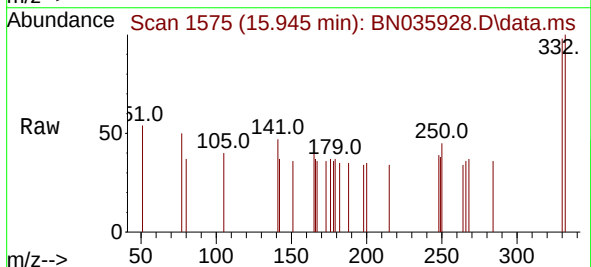
Tgt Ion:330 Resp: 124

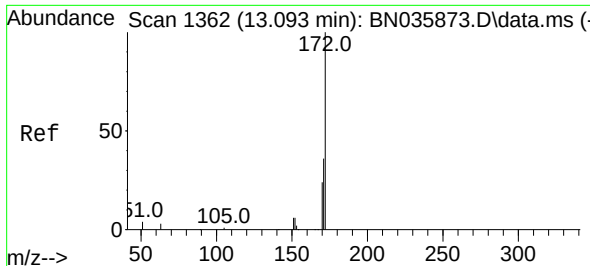
Ion Ratio Lower Upper

330 100

332 101.6 77.2 115.8

141 40.3 31.6 47.4





#15

2-Fluorobiphenyl

Concen: 0.469 ng

RT: 13.084 min Scan# 14

Delta R.T. -0.010 min

Lab File: BN035928.D

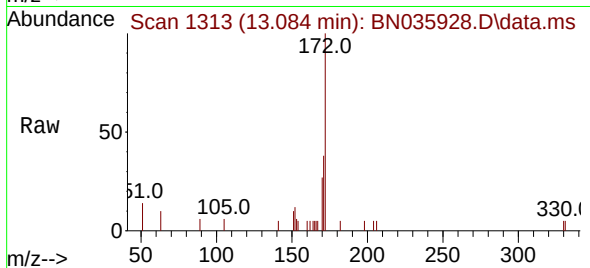
Acq: 15 Jan 2025 11:39

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250113



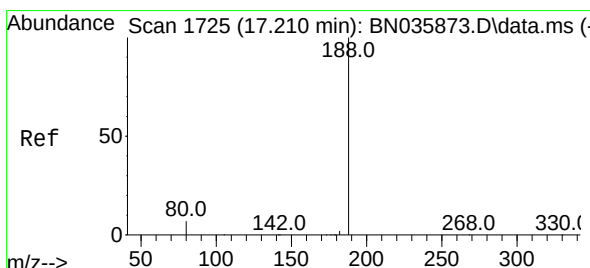
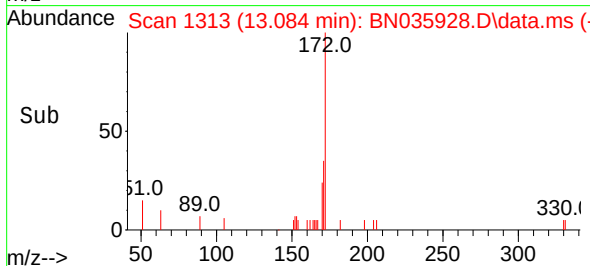
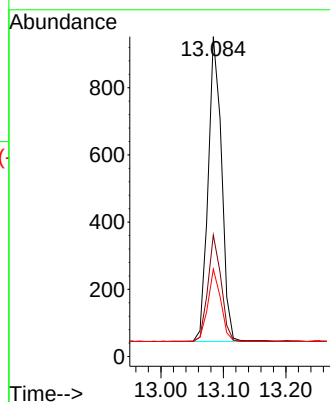
Tgt Ion:172 Resp: 1353

Ion Ratio Lower Upper

172 100

171 38.0 30.5 45.7

170 27.3 20.8 31.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.199 min Scan# 1676

Delta R.T. -0.011 min

Lab File: BN035928.D

Acq: 15 Jan 2025 11:39

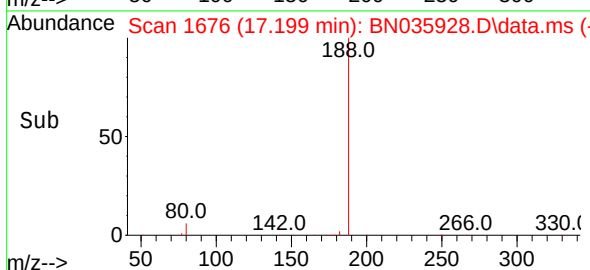
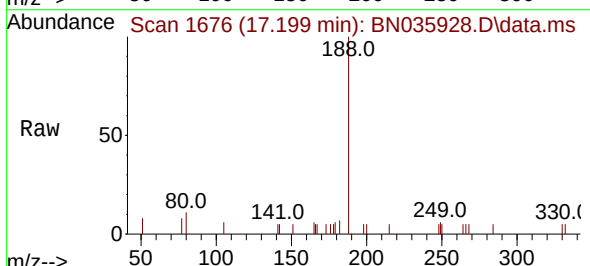
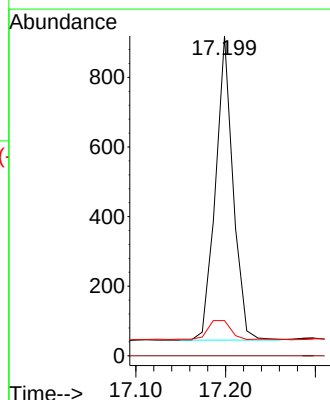
Tgt Ion:188 Resp: 1190

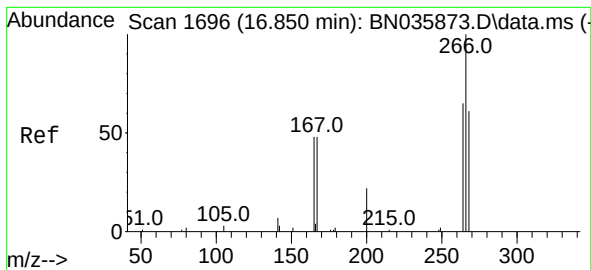
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 7.3 10.9#





#24

Pentachlorophenol

Concen: 0.043 ng

RT: 16.851 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN035928.D

Acq: 15 Jan 2025 11:39

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250113

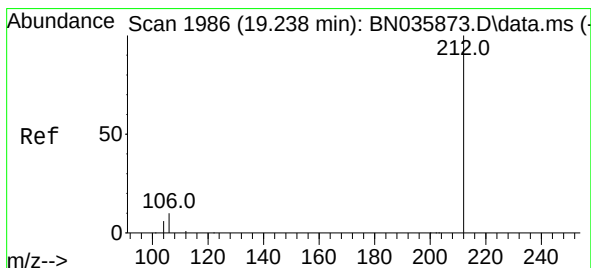
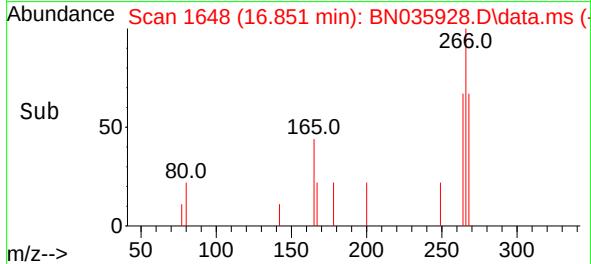
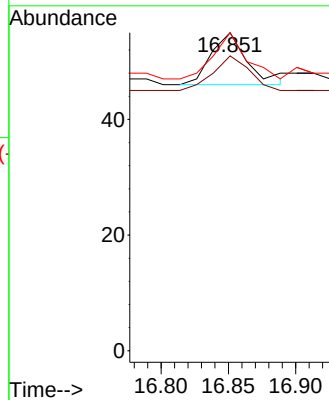
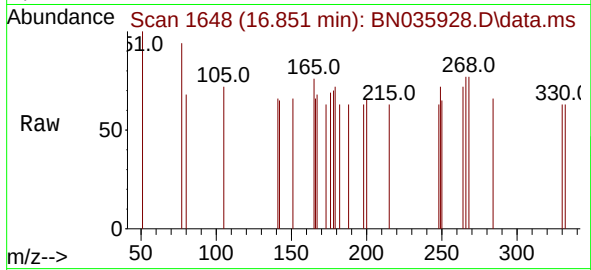
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 64.7 49.9 74.9

268 76.5 50.2 75.2#



#27

Fluoranthene-d10

Concen: 0.536 ng

RT: 19.225 min Scan# 1935

Delta R.T. -0.013 min

Lab File: BN035928.D

Acq: 15 Jan 2025 11:39

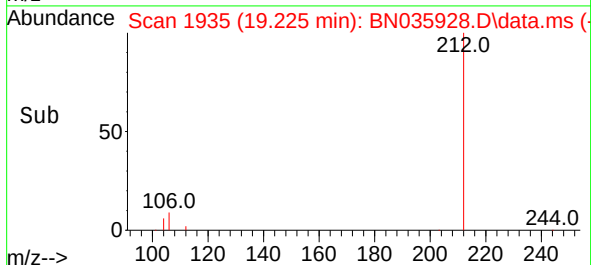
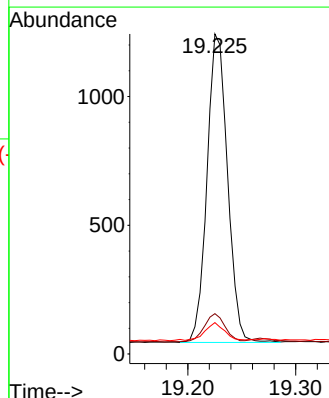
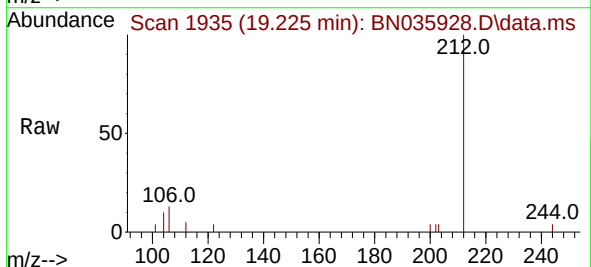
Tgt Ion:212 Resp: 1584

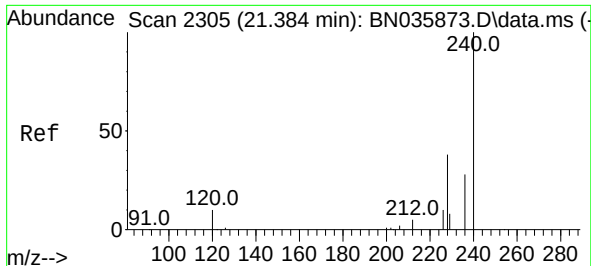
Ion Ratio Lower Upper

212 100

106 9.4 9.0 13.6

104 5.7 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: BN035928.D

Acq: 15 Jan 2025 11:39

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250113

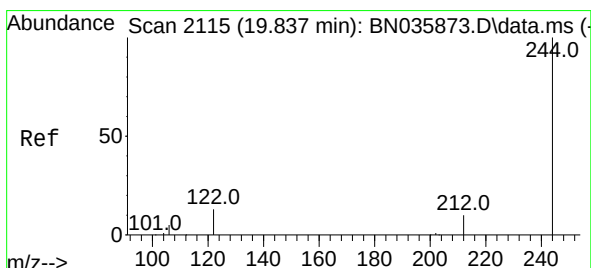
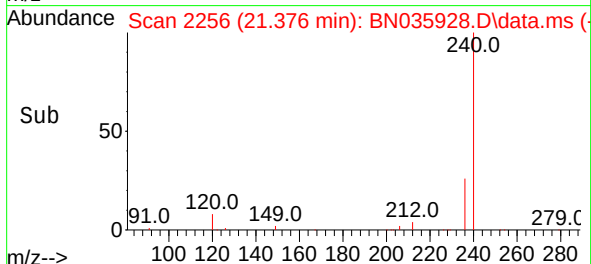
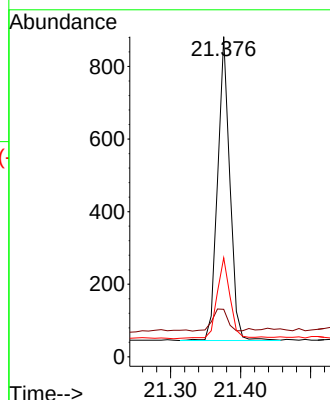
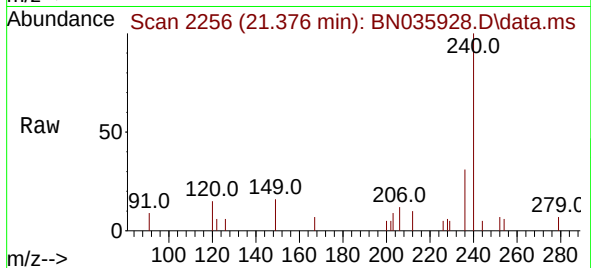
Tgt Ion:240 Resp: 1015

Ion Ratio Lower Upper

240 100

120 14.9 11.1 16.7

236 31.0 24.6 36.8



#31

Terphenyl-d14

Concen: 0.580 ng

RT: 19.829 min Scan# 2065

Delta R.T. -0.008 min

Lab File: BN035928.D

Acq: 15 Jan 2025 11:39

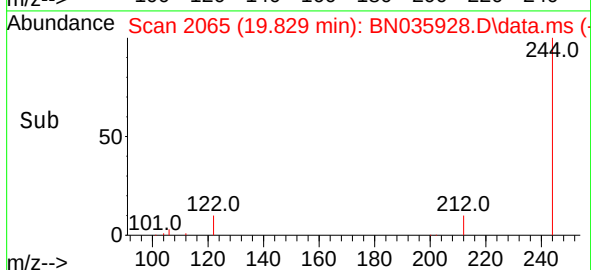
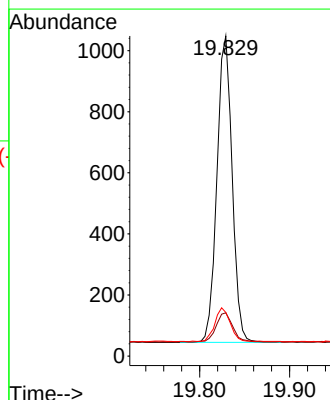
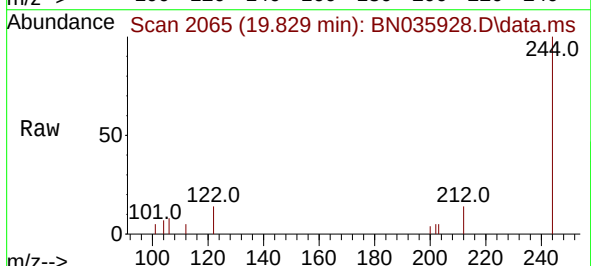
Tgt Ion:244 Resp: 1173

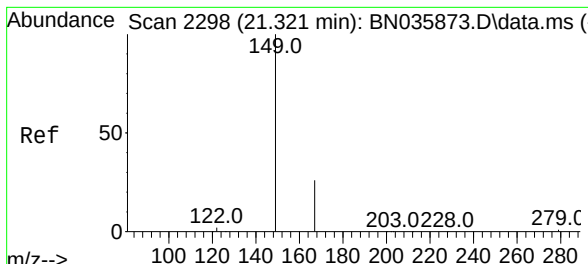
Ion Ratio Lower Upper

244 100

212 13.5 10.1 15.1

122 13.6 12.2 18.4

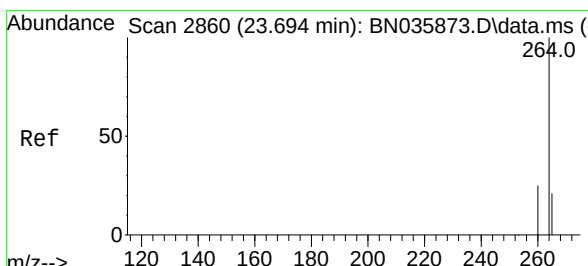
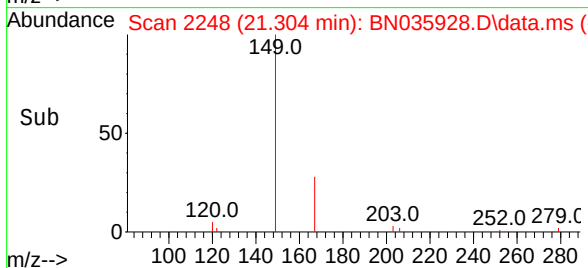
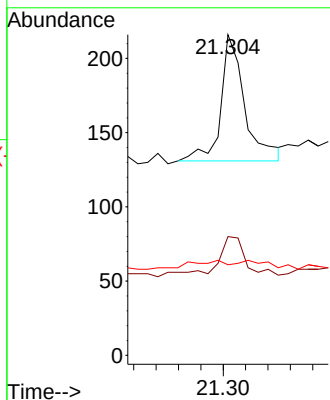
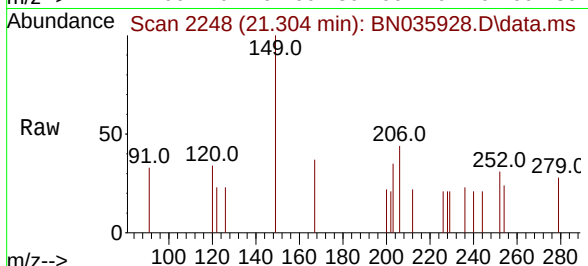




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN035928.D
 Acq: 15 Jan 2025 11:39

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250113

Tgt Ion:	149	Resp:	126
Ion Ratio	Lower	Upper	
149	100		
167	31.7	21.4	32.0
279	7.1	3.0	4.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.678 min Scan# 2806
 Delta R.T. -0.016 min
 Lab File: BN035928.D
 Acq: 15 Jan 2025 11:39

Tgt Ion:	264	Resp:	1185
Ion Ratio	Lower	Upper	
264	100		
260	30.2	21.7	32.5
265	63.5	33.9	50.9#

