

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
 Data File : BN035929.D
 Acq On : 15 Jan 2025 12:15
 Operator : RC/JU
 Sample : Q1081-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250113

Quant Time: Jan 15 12:39:42 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)

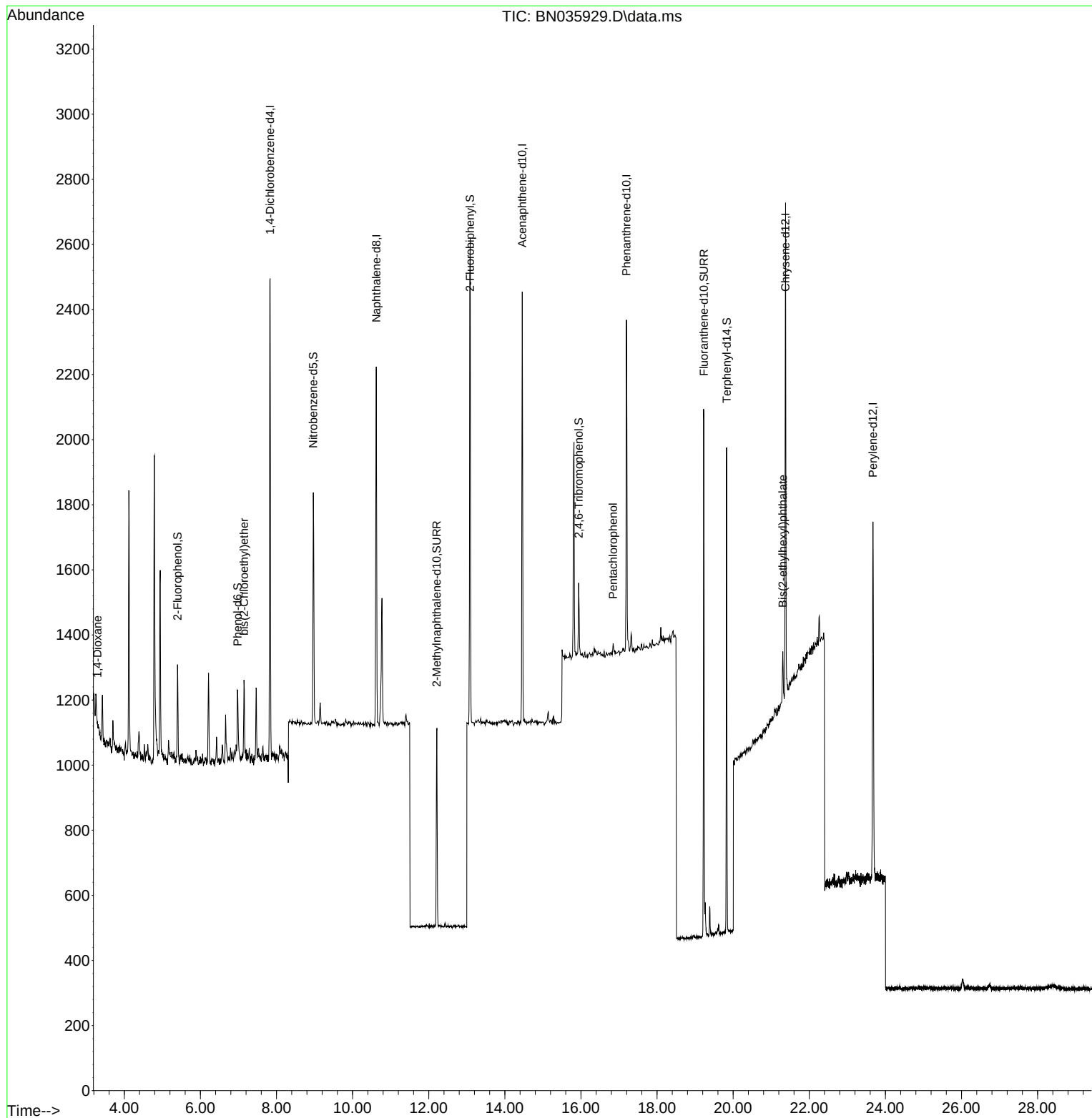
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	707	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1337	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	689	0.400	ng	0.00
19) Phenanthrene-d10	17.194	188	1430	0.400	ng	#-0.02
29) Chrysene-d12	21.376	240	1321	0.400	ng	0.00
35) Perylene-d12	23.674	264	1476	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	219	0.126	ng	-0.01
5) Phenol-d6	6.979	99	152	0.071	ng	0.00
8) Nitrobenzene-d5	8.967	82	484	0.457	ng	-0.01
11) 2-Methylnaphthalene-d10	12.208	152	788	0.440	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	137	0.414	ng	-0.02
15) 2-Fluorobiphenyl	13.090	172	1300	0.430	ng	0.00
27) Fluoranthene-d10	19.229	212	1856	0.523	ng	0.00
31) Terphenyl-d14	19.829	244	1420	0.539	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	32	0.046	ng	# 18
6) bis(2-Chloroethyl)ether	7.146	93	328	0.200	ng	# 30
24) Pentachlorophenol	16.846	266	15	0.032	ng	# 13
34) Bis(2-ethylhexyl)phtha...	21.304	149	151	0.080	ng	# 93

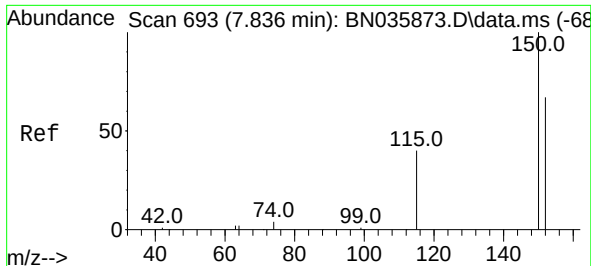
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
Data File : BN035929.D
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Sample : Q1081-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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RW7-SP201-20250113

Quant Time: Jan 15 12:39:42 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

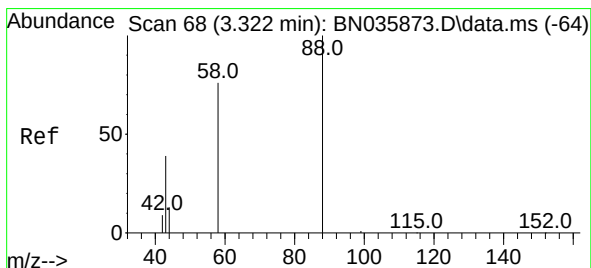
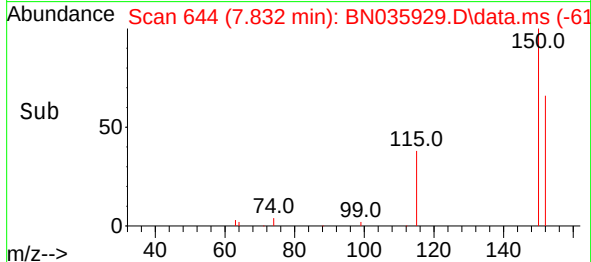
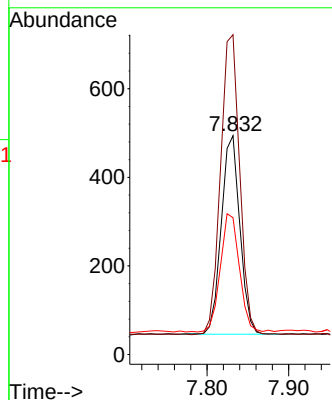
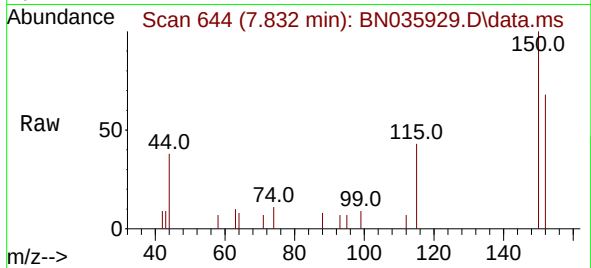




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

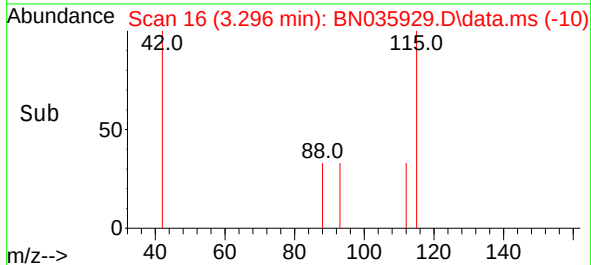
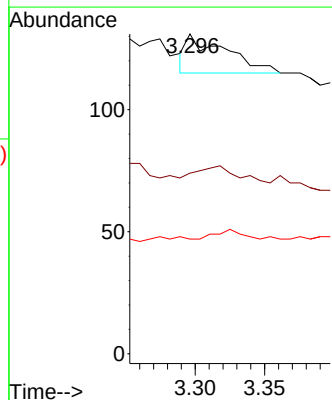
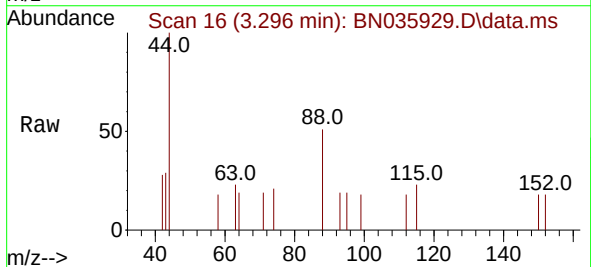
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250113

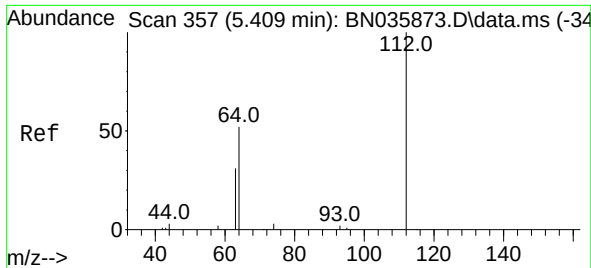
Tgt Ion:152 Resp: 707
Ion Ratio Lower Upper
152 100
150 146.2 117.8 176.6
115 62.6 51.0 76.4



#2
1,4-Dioxane
Concen: 0.046 ng
RT: 3.296 min Scan# 16
Delta R.T. -0.025 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 0.0 32.7 49.1#
58 0.0 63.0 94.4#

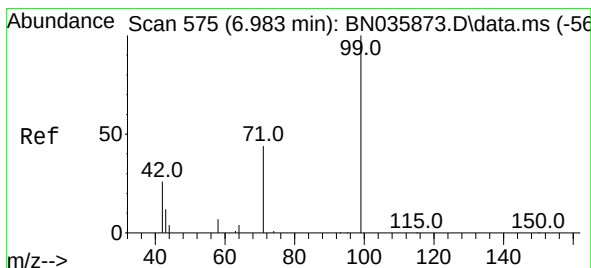
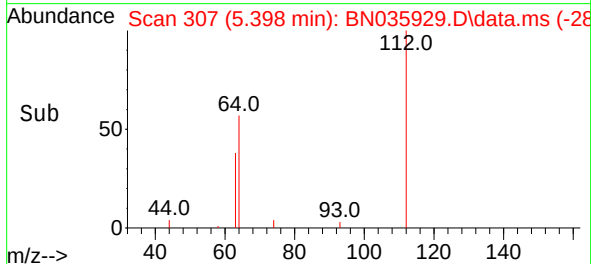
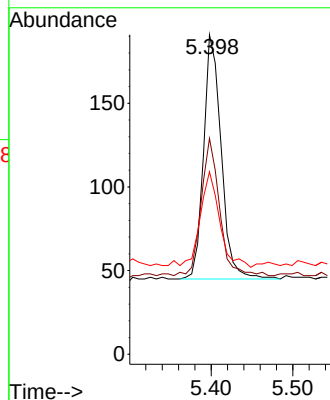
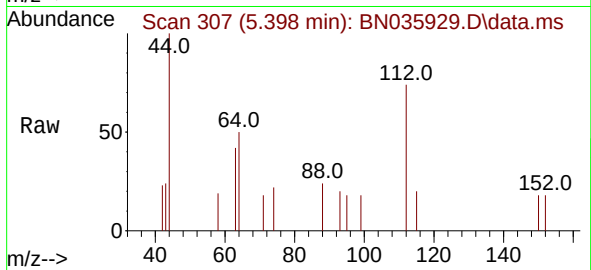




#4
2-Fluorophenol
Concen: 0.126 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

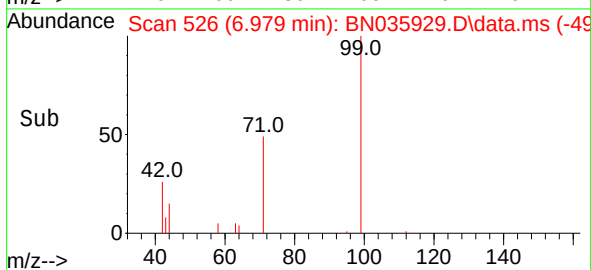
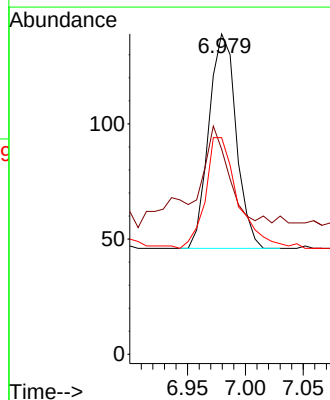
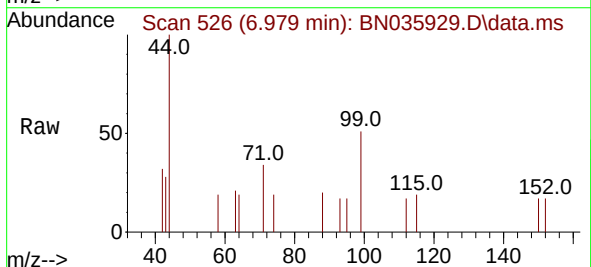
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250113

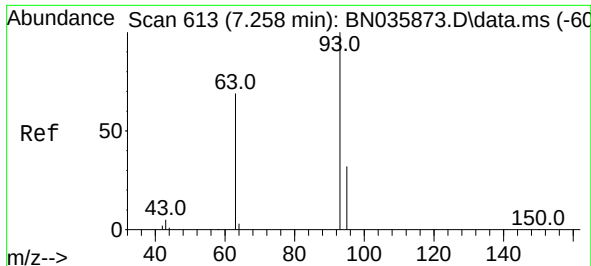
Tgt Ion:	112	Resp:	219
Ion	Ratio	Lower	Upper
112	100		
64	58.0	48.2	72.2
63	44.7	30.0	45.0



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

Tgt Ion:	99	Resp:	152
Ion	Ratio	Lower	Upper
99	100		
42	60.5	23.5	35.3#
71	61.8	35.5	53.3#

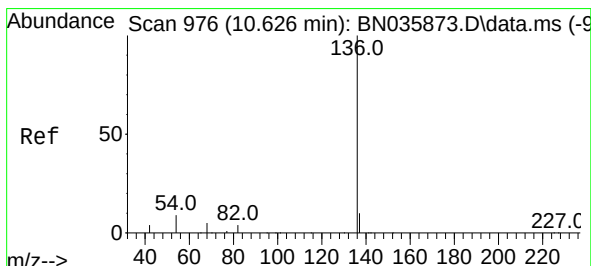
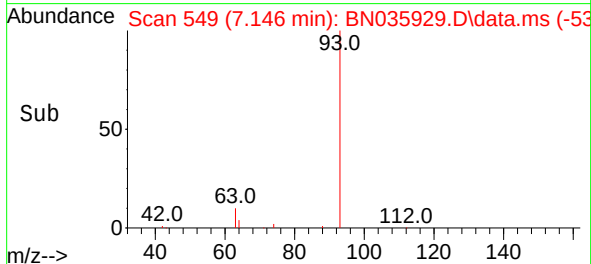
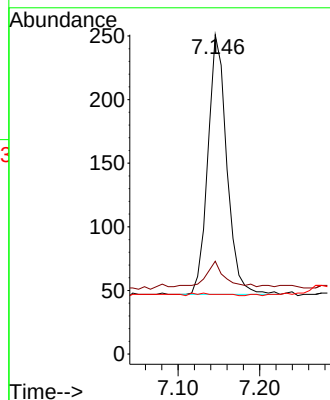
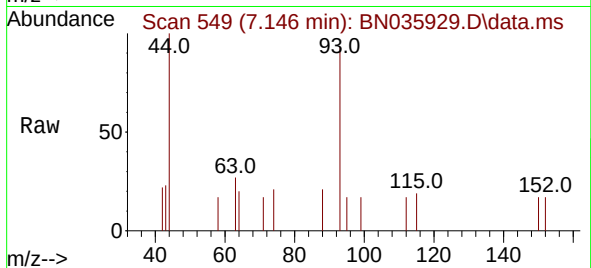




#6
bis(2-Chloroethyl)ether
Concen: 0.200 ng
RT: 7.146 min Scan# 54
Delta R.T. -0.112 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

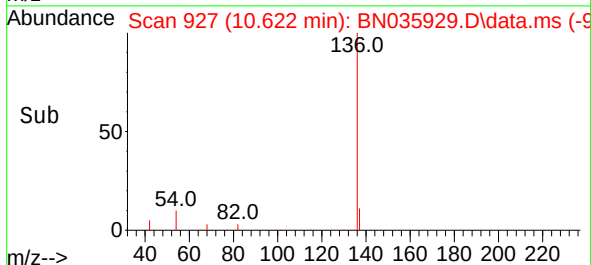
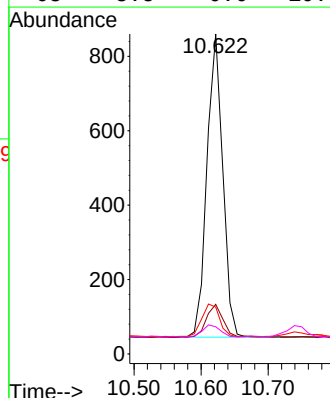
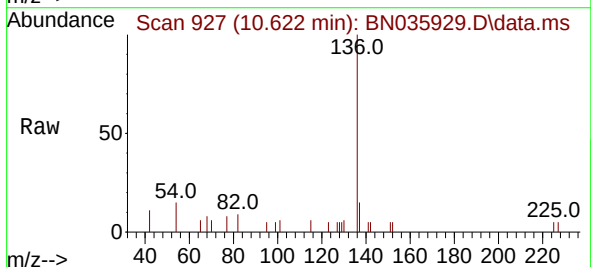
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250113

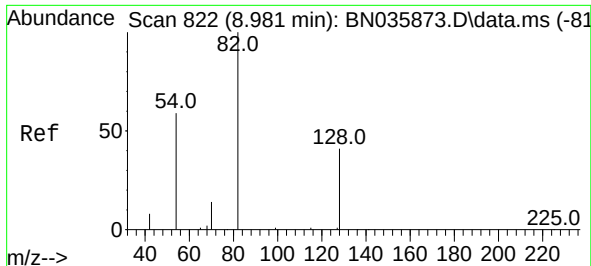
Tgt Ion: 93 Resp: 328
Ion Ratio Lower Upper
93 100
63 12.2 62.0 93.0#
95 0.0 25.5 38.3#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

Tgt Ion: 136 Resp: 1337
Ion Ratio Lower Upper
136 100
137 15.5 10.6 15.8
54 14.7 9.8 14.6#
68 8.5 6.6 10.0

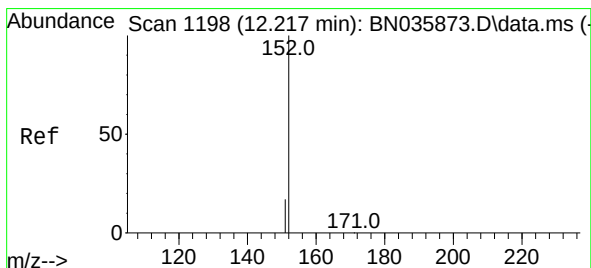
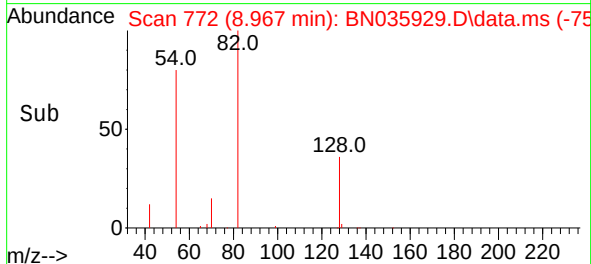
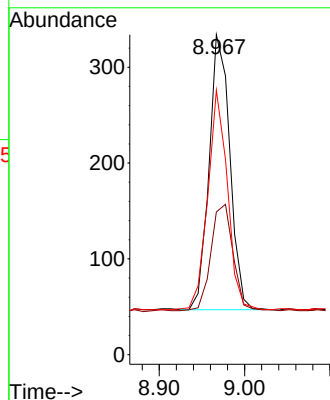
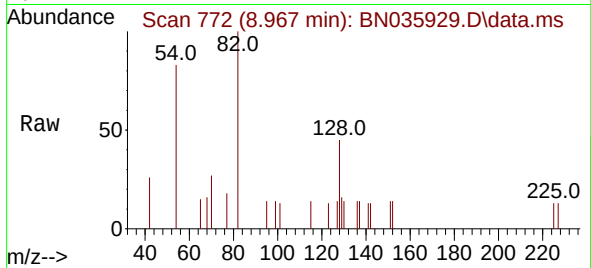




#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 8.967 min Scan# 71
Delta R.T. -0.014 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

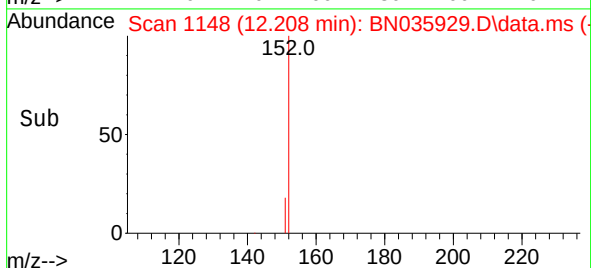
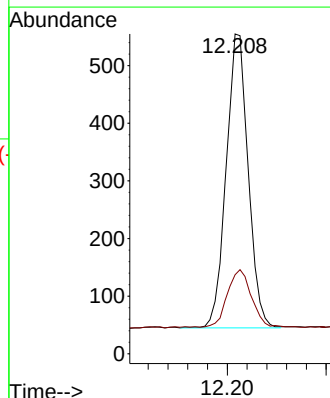
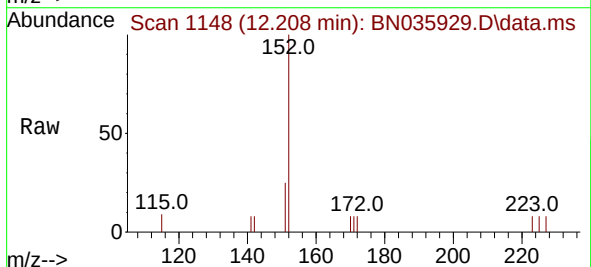
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250113

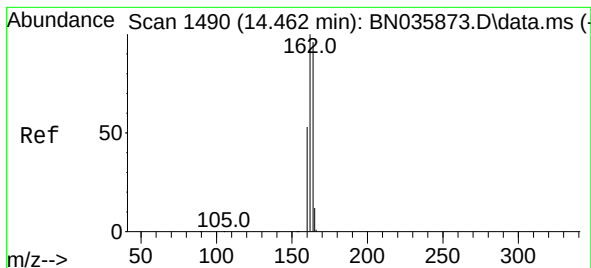
Tgt Ion: 82 Resp: 484
Ion Ratio Lower Upper
82 100
128 44.6 36.9 55.3
54 82.6 50.4 75.6#



#11
2-Methylnaphthalene-d10
Concen: 0.440 ng
RT: 12.208 min Scan# 1148
Delta R.T. -0.009 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

Tgt Ion:152 Resp: 788
Ion Ratio Lower Upper
152 100
151 21.4 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.458 min Scan# 14

Delta R.T. -0.004 min

Lab File: BN035929.D

Acq: 15 Jan 2025 12:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250113

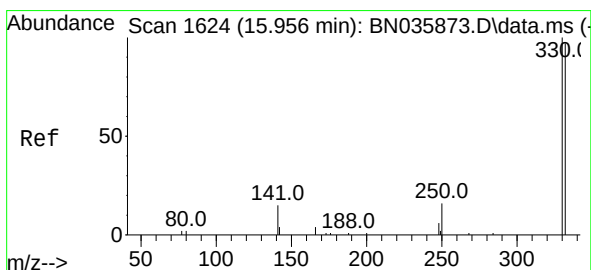
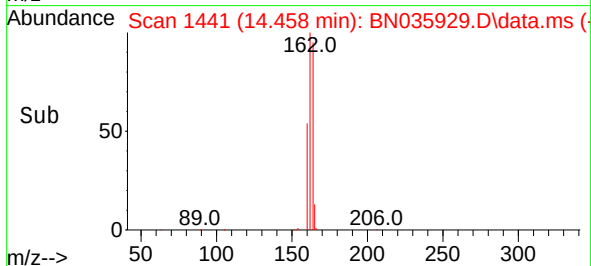
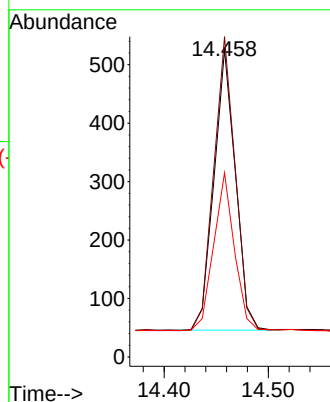
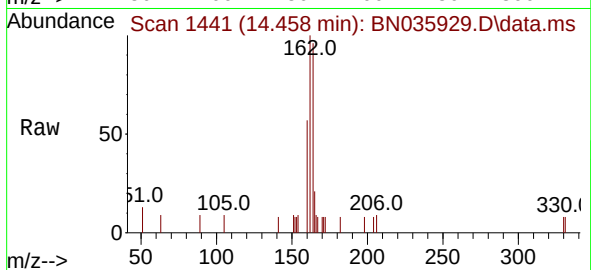
Tgt Ion:164 Resp: 689

Ion Ratio Lower Upper

164 100

162 104.2 83.1 124.7

160 59.9 46.0 69.0



#14

2,4,6-Tribromophenol

Concen: 0.414 ng

RT: 15.940 min Scan# 1574

Delta R.T. -0.016 min

Lab File: BN035929.D

Acq: 15 Jan 2025 12:15

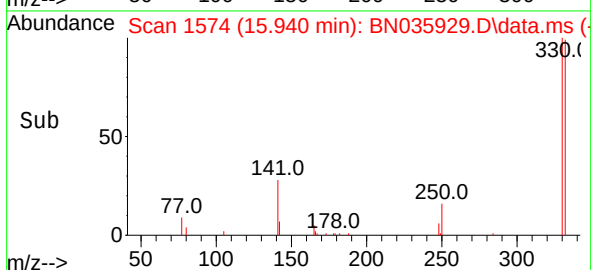
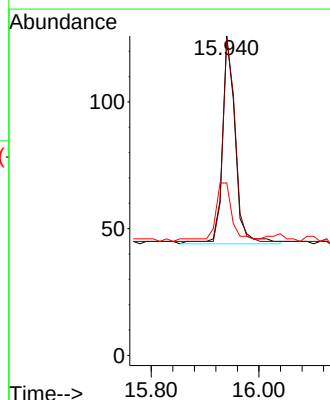
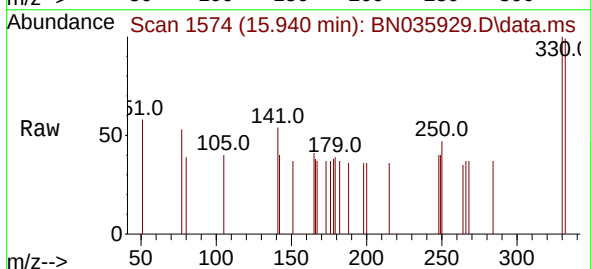
Tgt Ion:330 Resp: 137

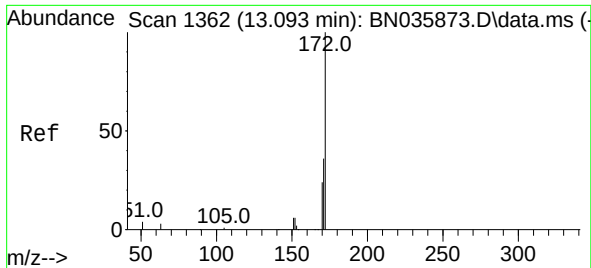
Ion Ratio Lower Upper

330 100

332 90.5 77.2 115.8

141 35.0 31.6 47.4





#15

2-Fluorobiphenyl

Concen: 0.430 ng

RT: 13.090 min Scan# 14

Delta R.T. -0.004 min

Lab File: BN035929.D

Acq: 15 Jan 2025 12:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20250113

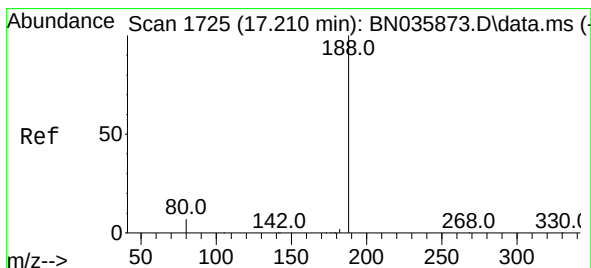
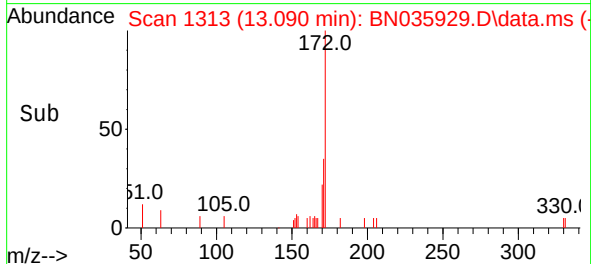
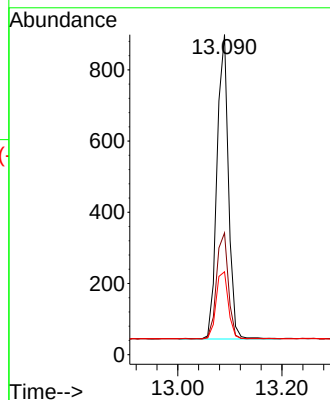
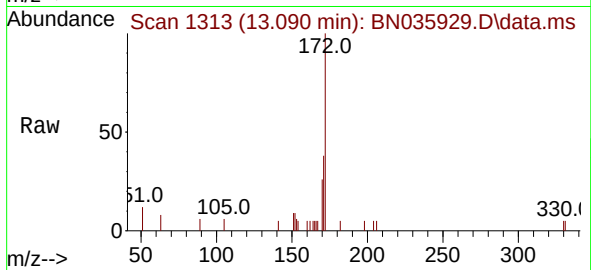
Tgt Ion:172 Resp: 1300

Ion Ratio Lower Upper

172 100

171 38.0 30.5 45.7

170 25.9 20.8 31.2



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.194 min Scan# 1675

Delta R.T. -0.016 min

Lab File: BN035929.D

Acq: 15 Jan 2025 12:15

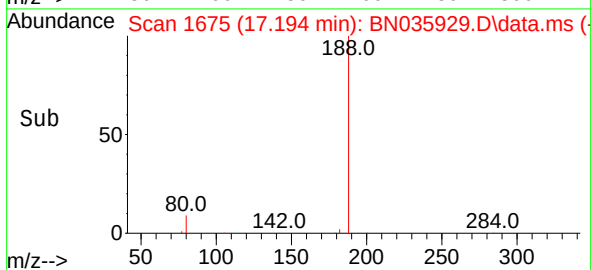
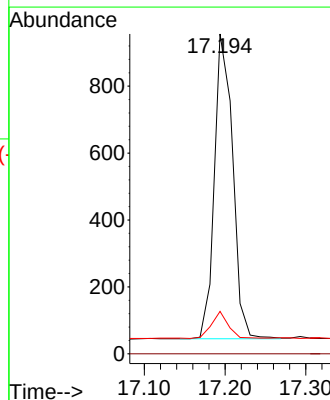
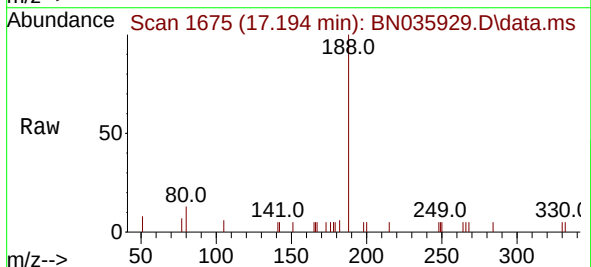
Tgt Ion:188 Resp: 1430

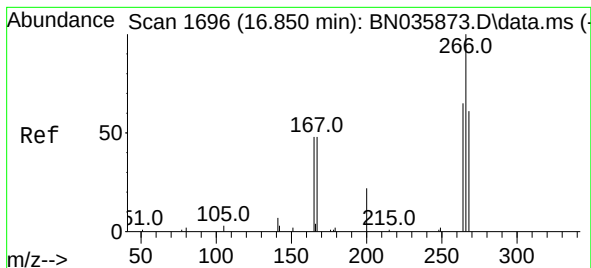
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.3 7.3 10.9#





#24

Pentachlorophenol

Concen: 0.032 ng

RT: 16.846 min Scan# 1

Delta R.T. -0.004 min

Lab File: BN035929.D

Acq: 15 Jan 2025 12:15

Instrument :

BNA_N

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RW7-SP201-20250113

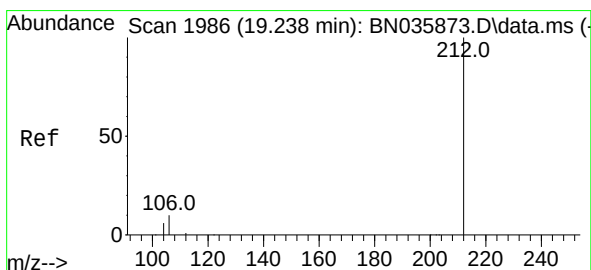
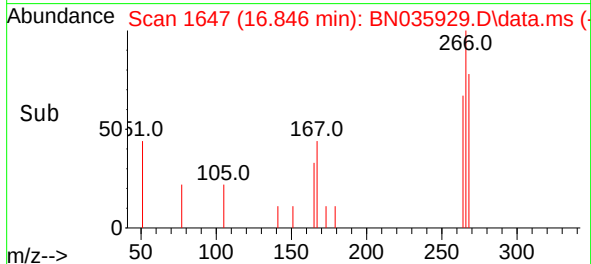
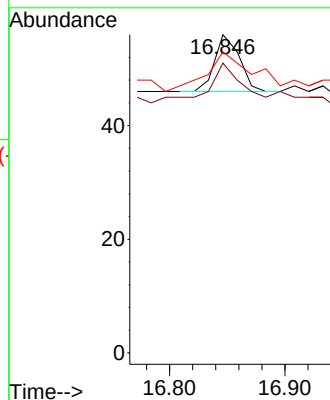
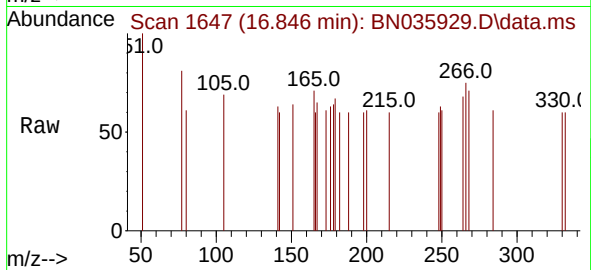
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

266 100

264 113.3 49.9 74.9#

268 146.7 50.2 75.2#



#27

Fluoranthene-d10

Concen: 0.523 ng

RT: 19.229 min Scan# 1936

Delta R.T. -0.008 min

Lab File: BN035929.D

Acq: 15 Jan 2025 12:15

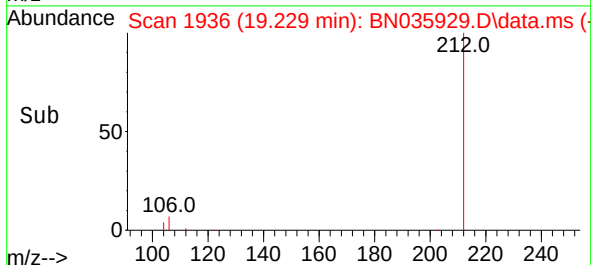
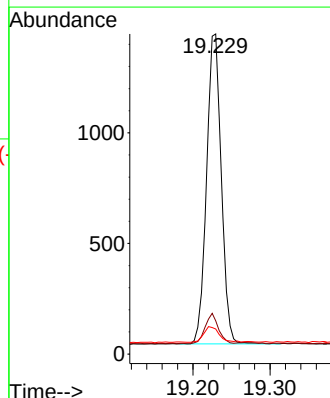
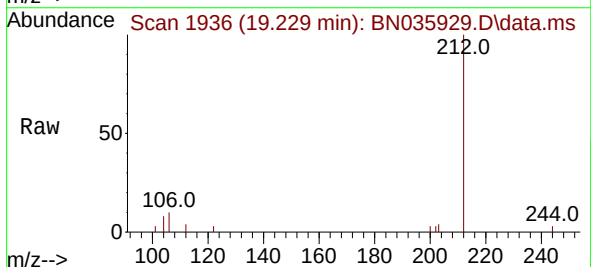
Tgt Ion:212 Resp: 1856

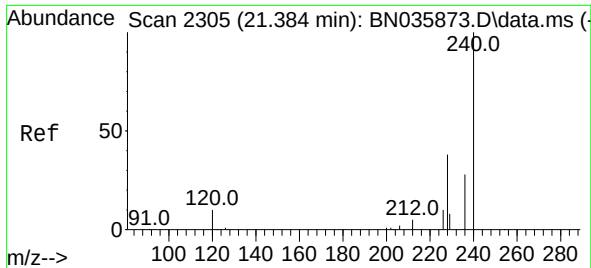
Ion Ratio Lower Upper

212 100

106 8.7 9.0 13.6#

104 5.4 5.4 8.2#

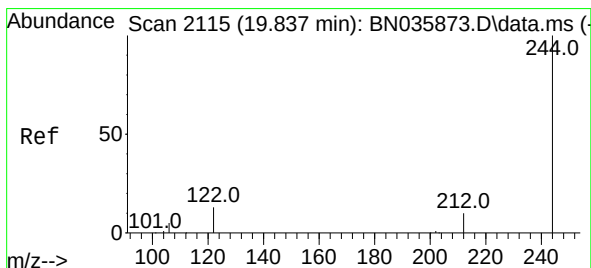
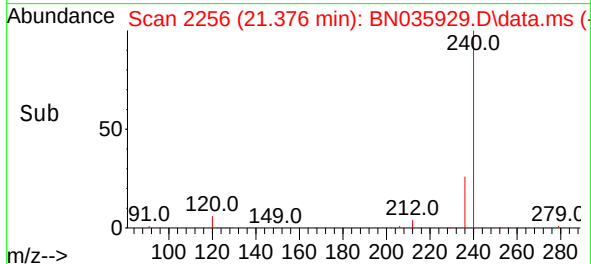
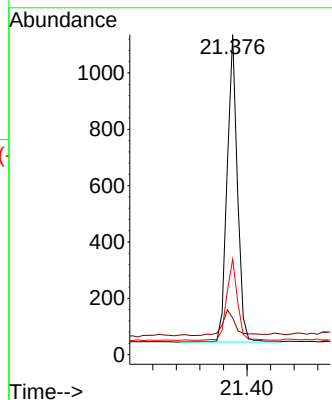
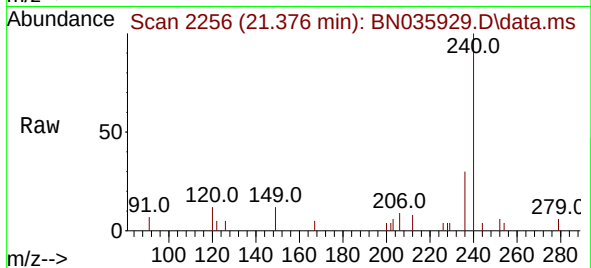




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

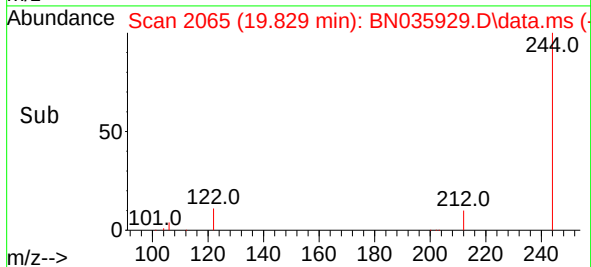
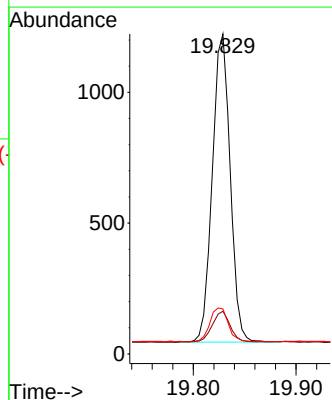
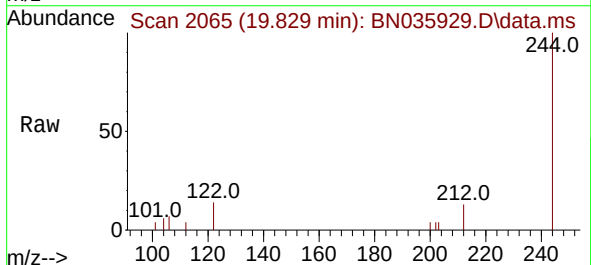
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20250113

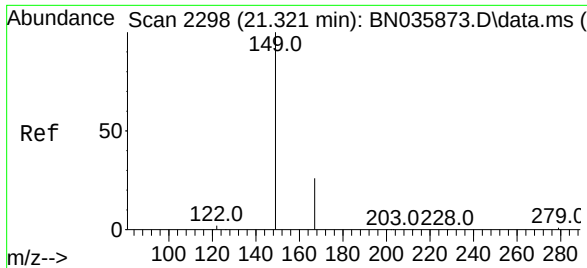
Tgt Ion:240 Resp: 1321
Ion Ratio Lower Upper
240 100
120 11.5 11.1 16.7
236 29.8 24.6 36.8



#31
Terphenyl-d14
Concen: 0.539 ng
RT: 19.829 min Scan# 2065
Delta R.T. -0.008 min
Lab File: BN035929.D
Acq: 15 Jan 2025 12:15

Tgt Ion:244 Resp: 1420
Ion Ratio Lower Upper
244 100
212 13.3 10.1 15.1
122 14.1 12.2 18.4

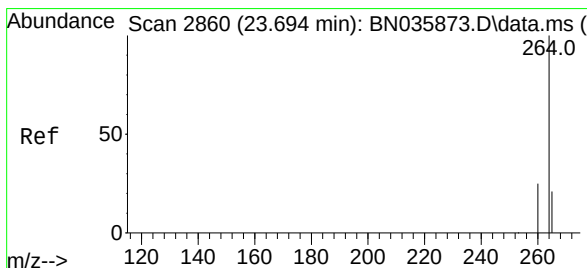
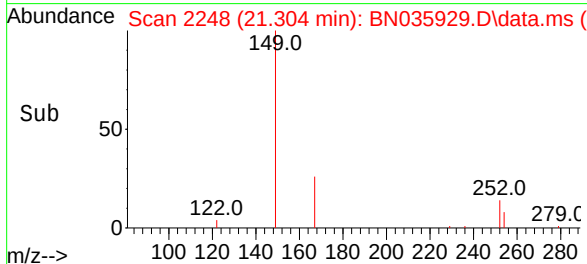
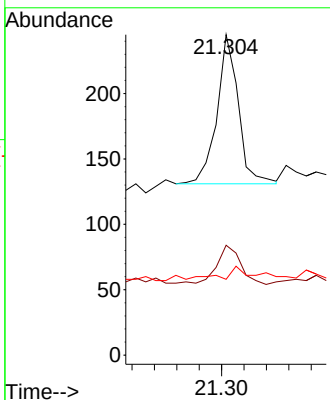
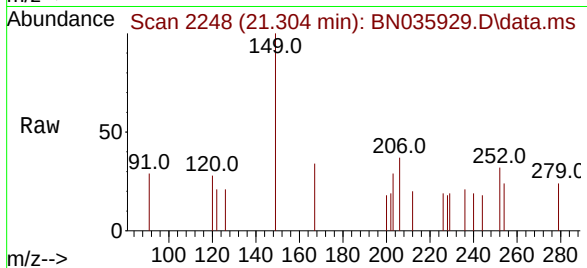




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.080 ng
 RT: 21.304 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BN035929.D
 Acq: 15 Jan 2025 12:15

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20250113

Tgt Ion:149 Resp: 151
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.4 32.0
 279 7.9 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: BN035929.D
 Acq: 15 Jan 2025 12:15

Tgt Ion:264 Resp: 1476
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.7 32.5
 265 55.3 33.9 50.9#

