

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
 Data File : BN036943.D
 Acq On : 30 Apr 2025 12:16
 Operator : RC/JU
 Sample : Q1885-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250423

Quant Time: Apr 30 12:42:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

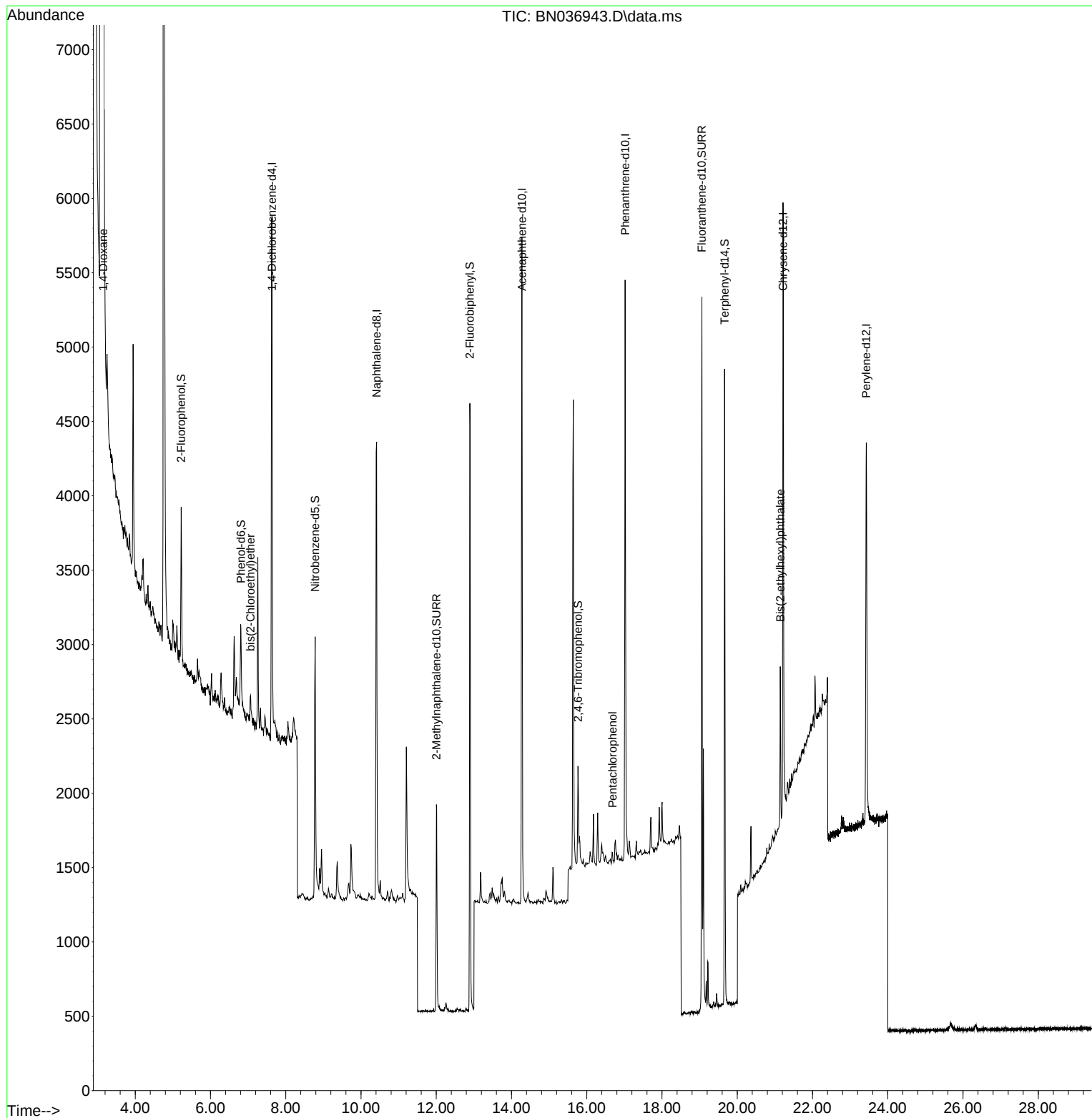
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1760	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	4421	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2484	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4999	0.400	ng	0.00
29) Chrysene-d12	21.216	240	4058	0.400	ng	0.00
35) Perylene-d12	23.430	264	3555	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	695	0.154	ng	0.00
5) Phenol-d6	6.809	99	481	0.087	ng	0.00
8) Nitrobenzene-d5	8.781	82	1642	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	2034	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	364	0.329	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	4132	0.344	ng	0.00
27) Fluoranthene-d10	19.059	212	5279	0.407	ng	0.00
31) Terphenyl-d14	19.663	244	4057	0.424	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.148	88	8814	4.019	ng	Qvalue
6) bis(2-Chloroethyl)ether	7.062	93	127	0.025	ng	# 91
24) Pentachlorophenol	16.686	266	45	0.023	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.144	149	1020	0.120	ng	# 89

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

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Instrument :
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RW7-SP100-20250423

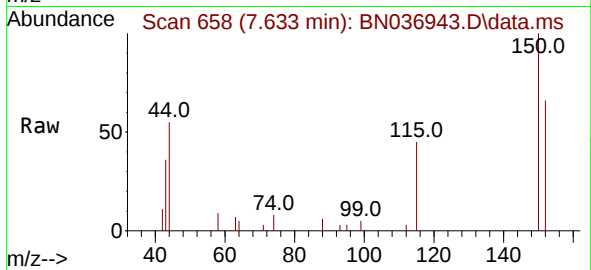
Quant Time: Apr 30 12:42:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration



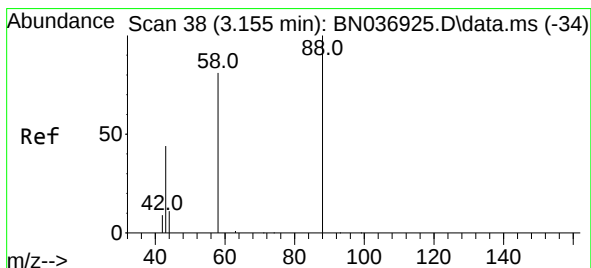
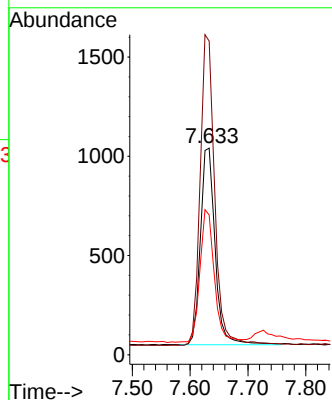
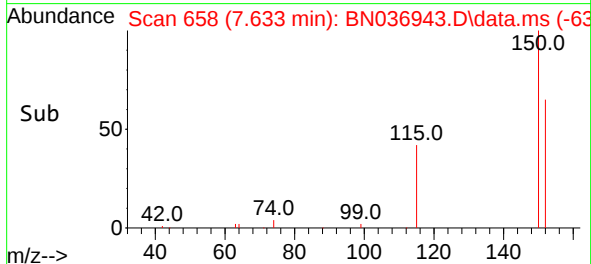


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036943.D
 Acq: 30 Apr 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250423

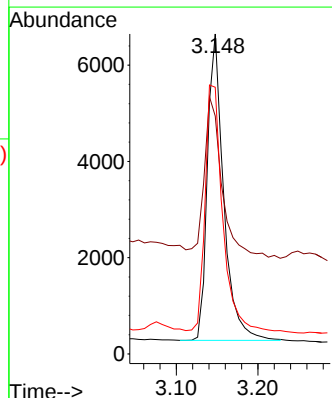
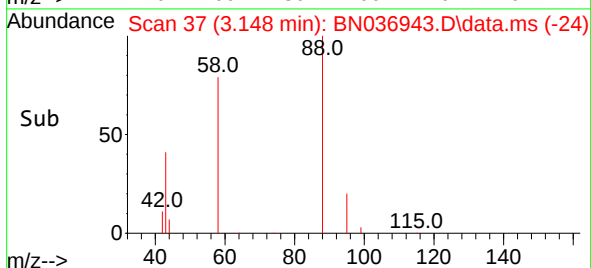
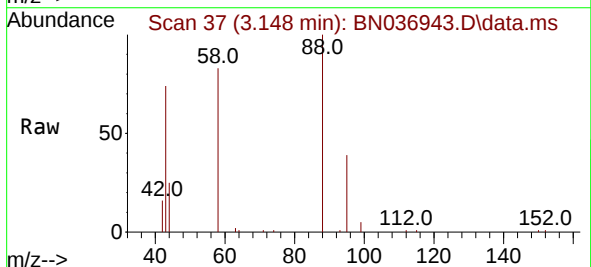


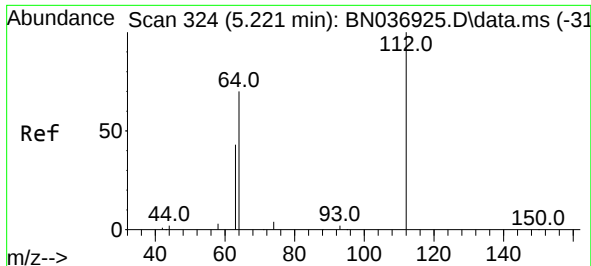
Tgt Ion:152 Resp: 1760
 Ion Ratio Lower Upper
 152 100
 150 151.9 121.1 181.7
 115 67.6 51.8 77.6



#2
 1,4-Dioxane
 Concen: 4.019 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036943.D
 Acq: 30 Apr 2025 12:16

Tgt Ion: 88 Resp: 8814
 Ion Ratio Lower Upper
 88 100
 43 59.0 37.9 56.9#
 58 86.1 65.8 98.6





#4

2-Fluorophenol

Concen: 0.154 ng

RT: 5.221 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN036943.D

Acq: 30 Apr 2025 12:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250423

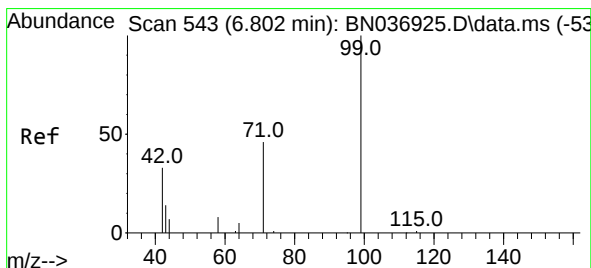
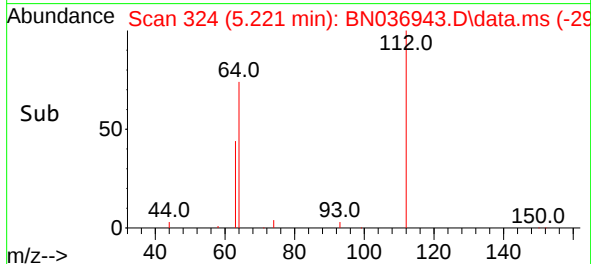
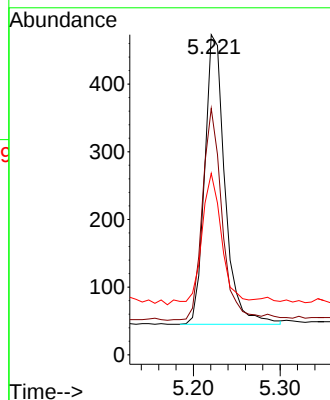
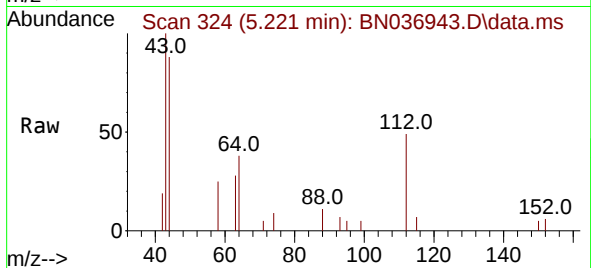
Tgt Ion:112 Resp: 695

Ion Ratio Lower Upper

112 100

64 72.4 55.7 83.5

63 45.0 33.9 50.9



#5

Phenol-d6

Concen: 0.087 ng

RT: 6.809 min Scan# 544

Delta R.T. 0.007 min

Lab File: BN036943.D

Acq: 30 Apr 2025 12:16

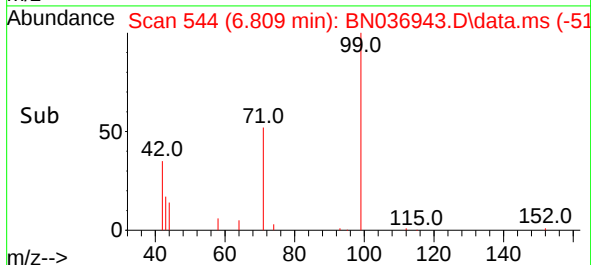
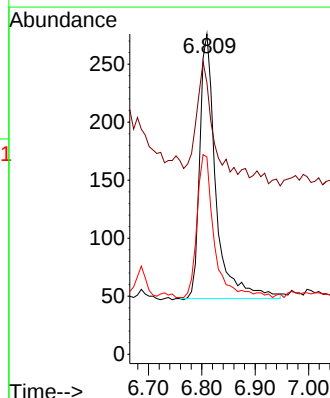
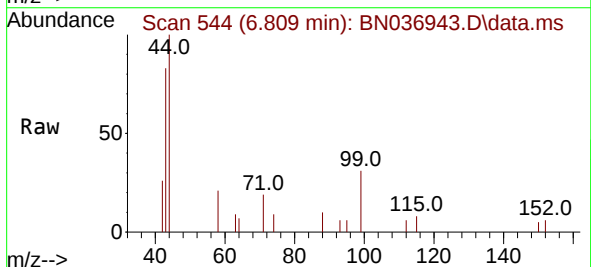
Tgt Ion: 99 Resp: 481

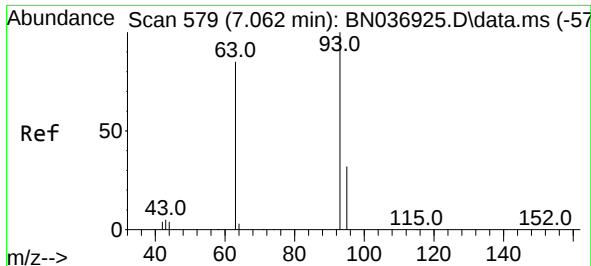
Ion Ratio Lower Upper

99 100

42 42.0 29.6 44.4

71 57.6 36.0 54.0#

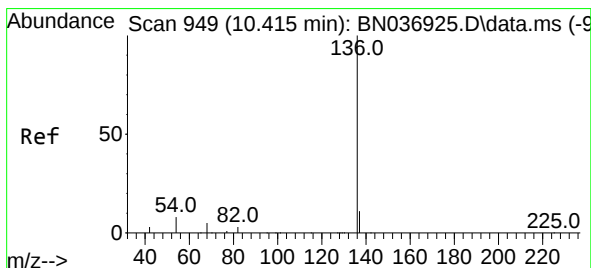
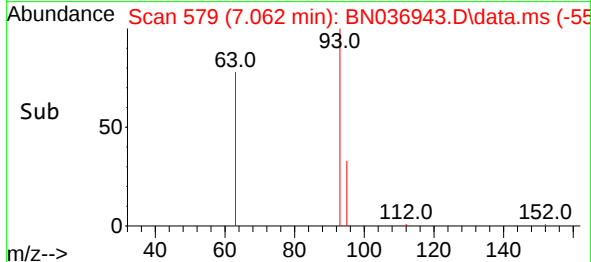
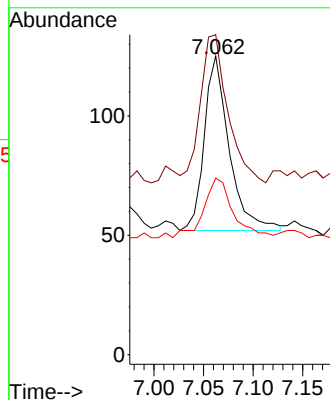
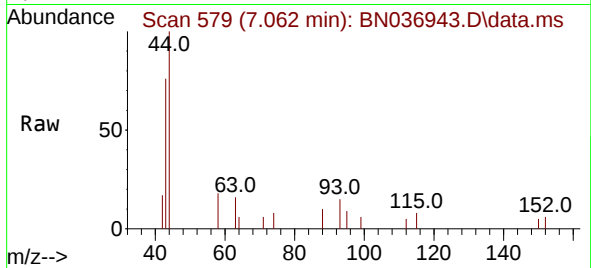




#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.062 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN036943.D
Acq: 30 Apr 2025 12:16

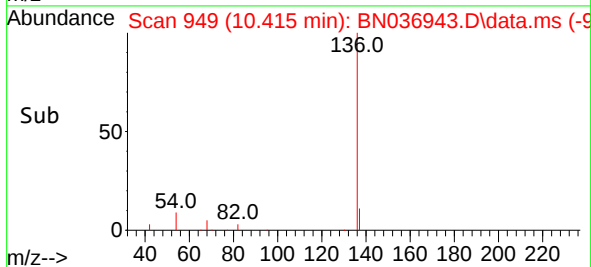
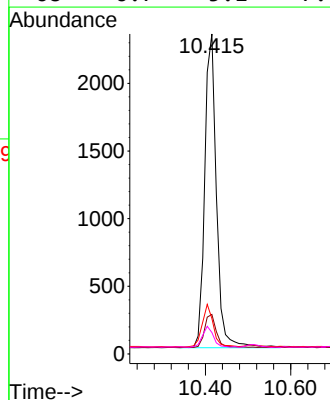
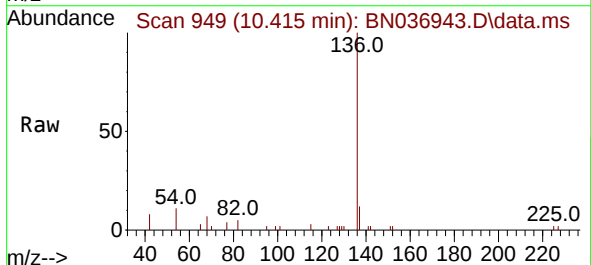
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250423

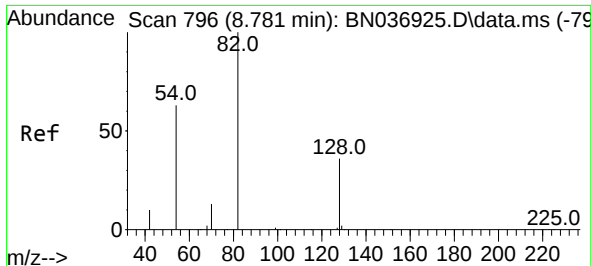
Tgt Ion: 93 Resp: 127
Ion Ratio Lower Upper
93 100
63 93.7 69.0 103.6
95 40.9 25.4 38.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036943.D
Acq: 30 Apr 2025 12:16

Tgt Ion: 136 Resp: 4421
Ion Ratio Lower Upper
136 100
137 12.3 9.7 14.5
54 11.1 8.0 12.0
68 6.7 5.1 7.7

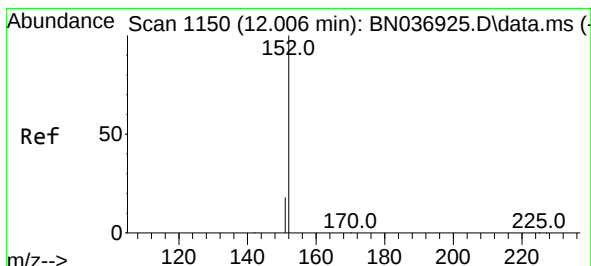
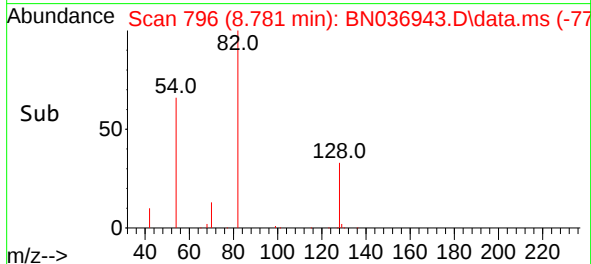
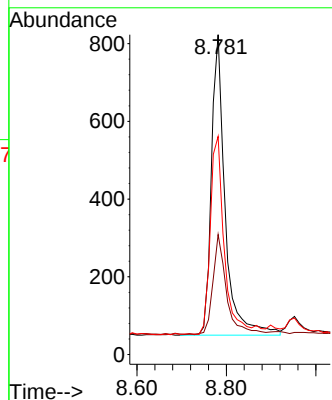
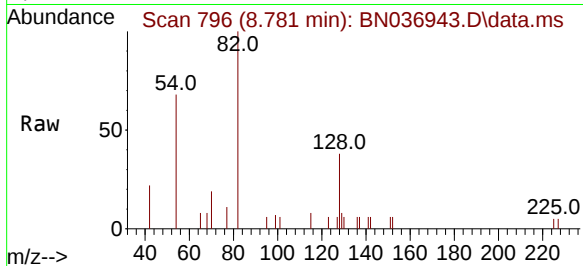




#8
 Nitrobenzene-d5
 Concen: 0.355 ng
 RT: 8.781 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BN036943.D
 Acq: 30 Apr 2025 12:16

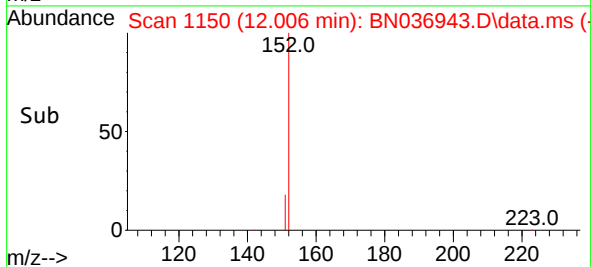
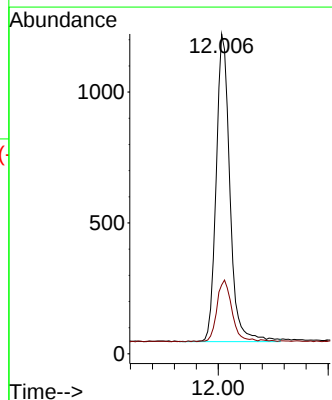
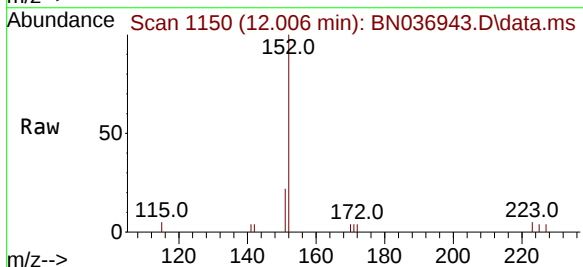
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250423

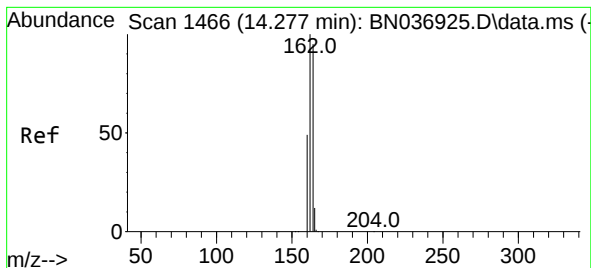
Tgt Ion: 82 Resp: 1642
 Ion Ratio Lower Upper
 82 100
 128 37.5 30.7 46.1
 54 68.2 52.1 78.1



#11
 2-Methylnaphthalene-d10
 Concen: 0.329 ng
 RT: 12.006 min Scan# 1150
 Delta R.T. -0.000 min
 Lab File: BN036943.D
 Acq: 30 Apr 2025 12:16

Tgt Ion: 152 Resp: 2034
 Ion Ratio Lower Upper
 152 100
 151 21.8 16.9 25.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.277 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BN036943.D

Acq: 30 Apr 2025 12:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250423

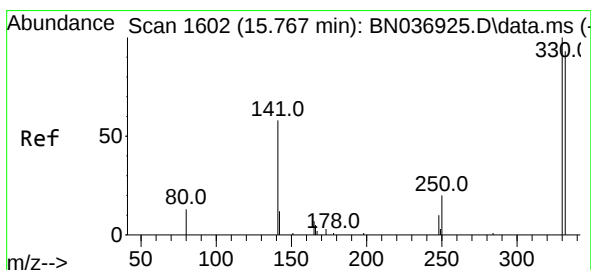
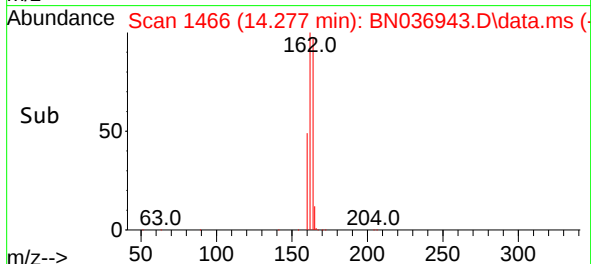
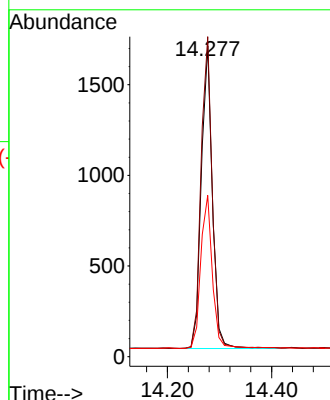
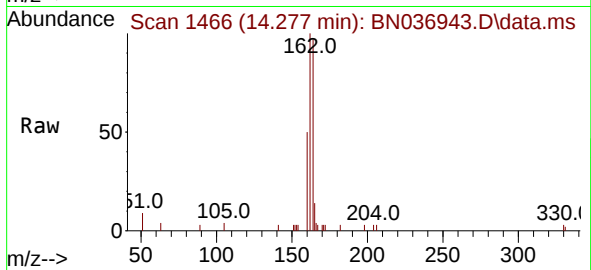
Tgt Ion:164 Resp: 2484

Ion Ratio Lower Upper

164 100

162 103.0 83.8 125.8

160 51.9 42.0 63.0



#14

2,4,6-Tribromophenol

Concen: 0.329 ng

RT: 15.767 min Scan# 1602

Delta R.T. -0.000 min

Lab File: BN036943.D

Acq: 30 Apr 2025 12:16

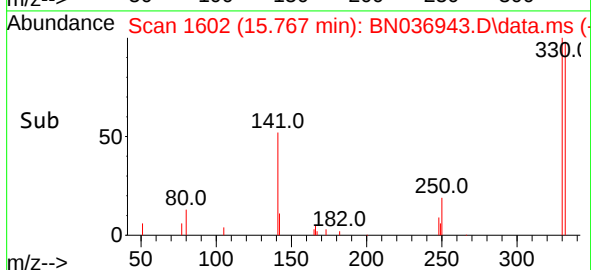
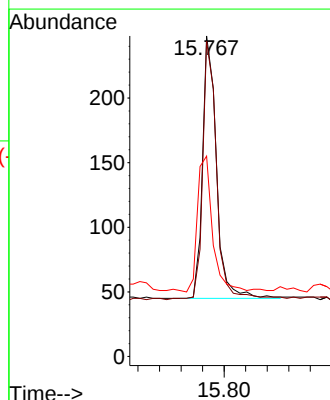
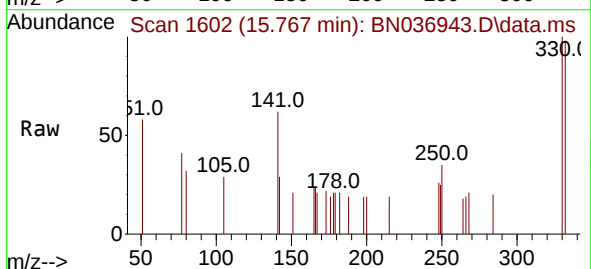
Tgt Ion:330 Resp: 364

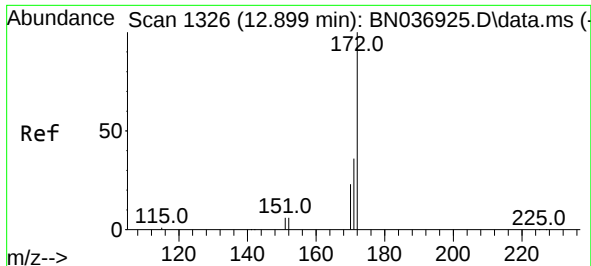
Ion Ratio Lower Upper

330 100

332 98.9 76.3 114.5

141 54.7 45.4 68.2

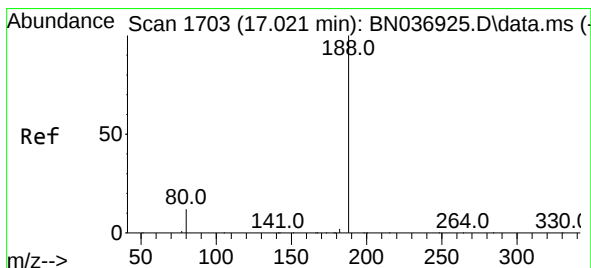
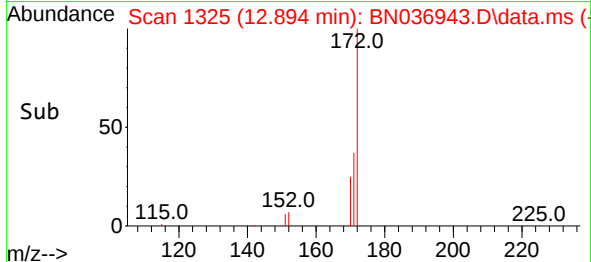
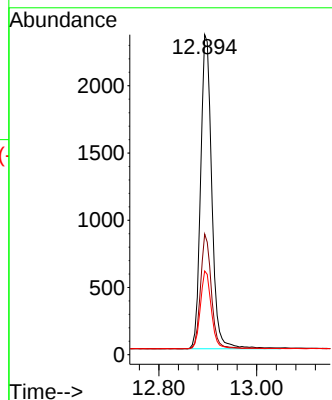
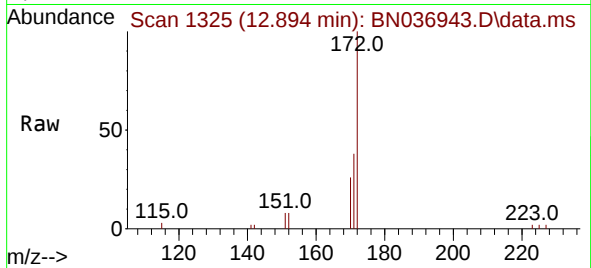




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.894 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036943.D
Acq: 30 Apr 2025 12:16

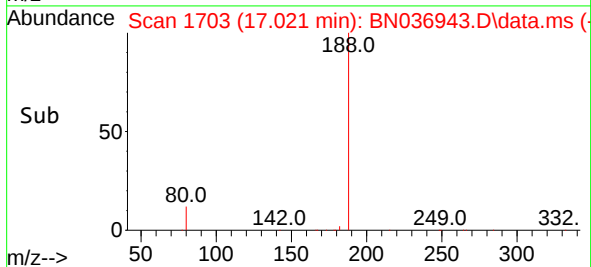
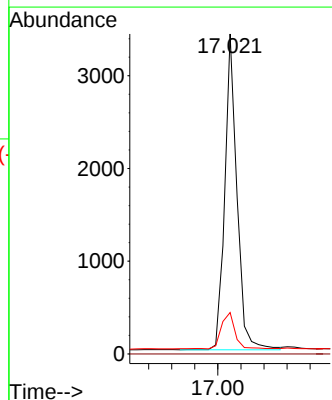
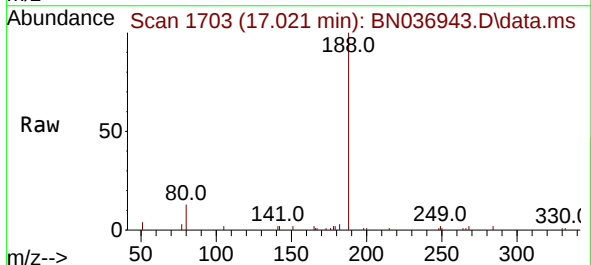
Instrument :
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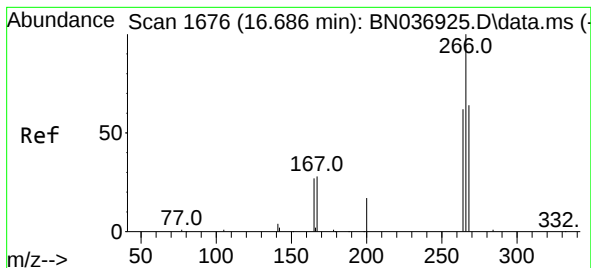
Tgt Ion:172 Resp: 4132
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.0
170 26.2 19.4 29.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036943.D
Acq: 30 Apr 2025 12:16

Tgt Ion:188 Resp: 4999
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.7 16.1





#24

Pentachlorophenol

Concen: 0.023 ng

RT: 16.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN036943.D

Acq: 30 Apr 2025 12:16

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20250423

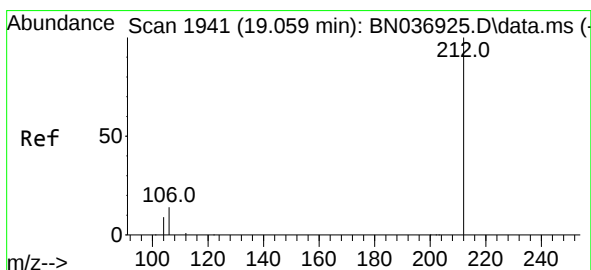
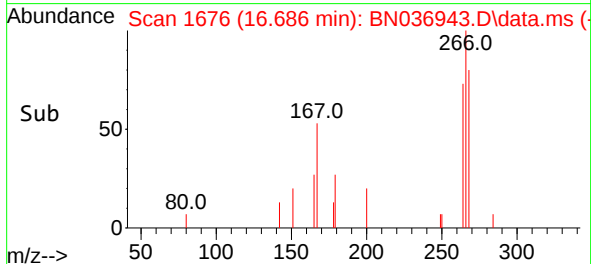
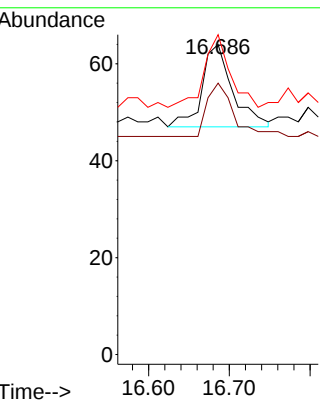
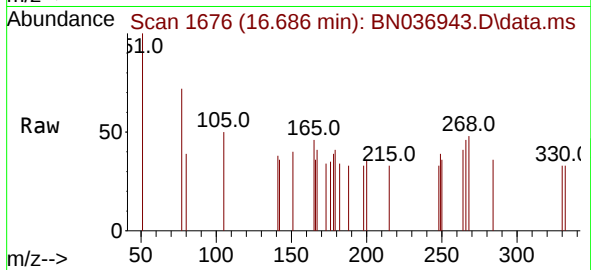
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

264 55.6 49.9 74.9

268 75.6 52.2 78.4



#27

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.059 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BN036943.D

Acq: 30 Apr 2025 12:16

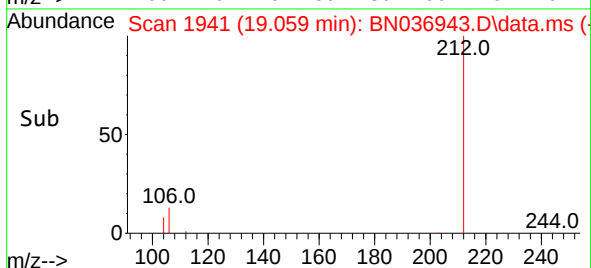
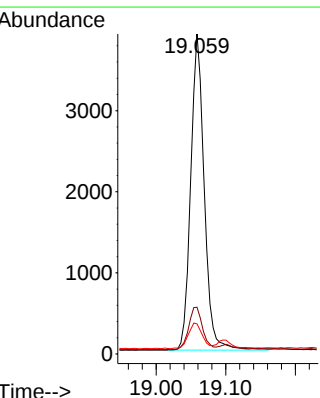
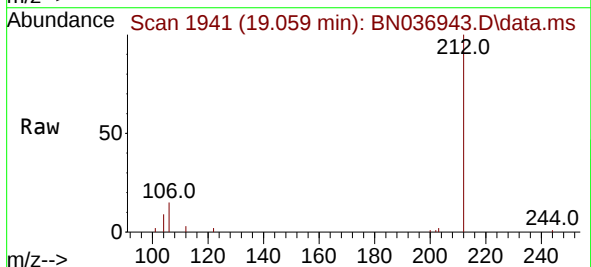
Tgt Ion:212 Resp: 5279

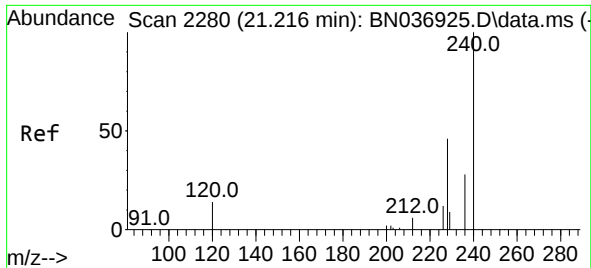
Ion Ratio Lower Upper

212 100

106 13.9 11.6 17.4

104 8.2 7.0 10.4

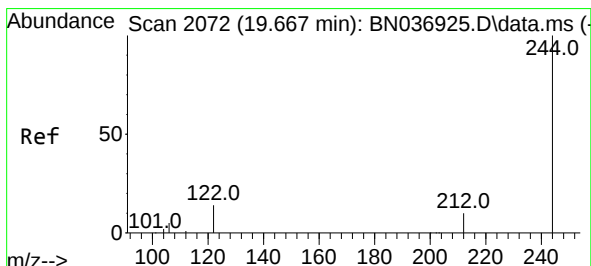
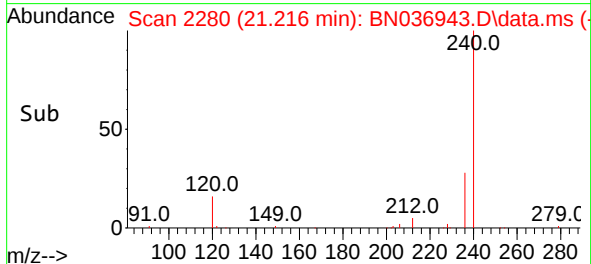
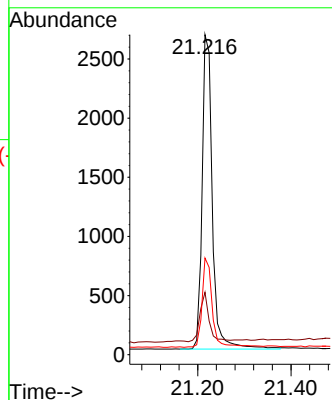
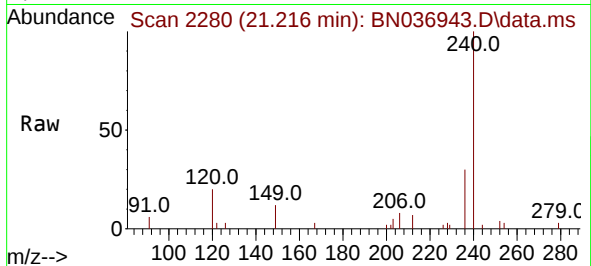




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036943.D
Acq: 30 Apr 2025 12:16

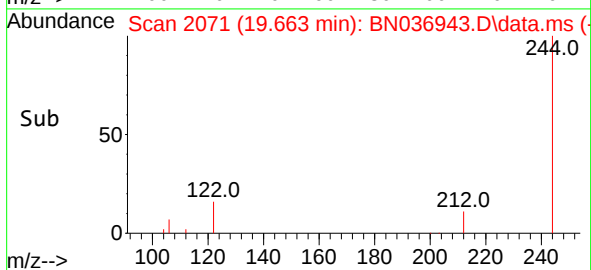
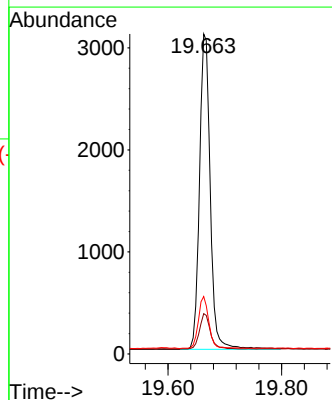
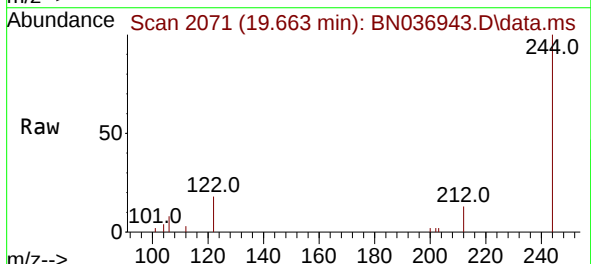
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20250423

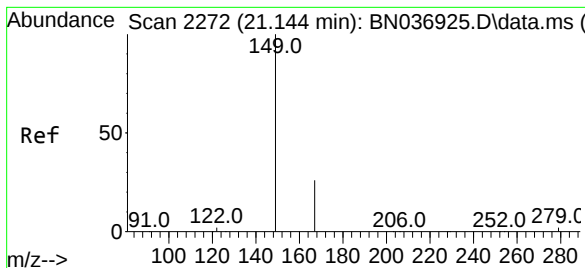
Tgt Ion:240 Resp: 4058
Ion Ratio Lower Upper
240 100
120 19.5 14.1 21.1
236 30.2 23.8 35.8



#31
Terphenyl-d14
Concen: 0.424 ng
RT: 19.663 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036943.D
Acq: 30 Apr 2025 12:16

Tgt Ion:244 Resp: 4057
Ion Ratio Lower Upper
244 100
212 12.6 9.6 14.4
122 18.0 12.7 19.1

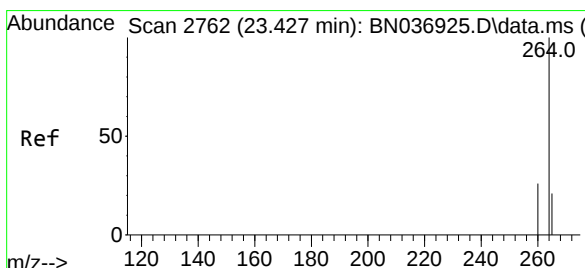
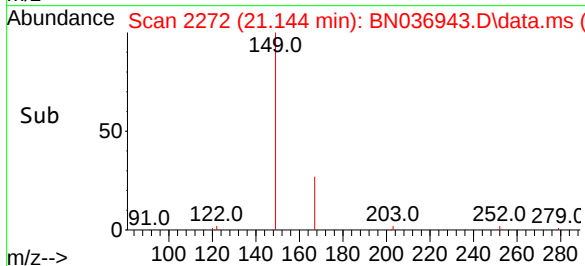
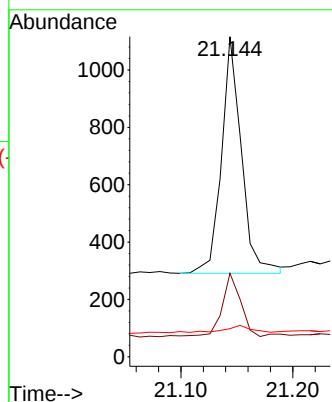
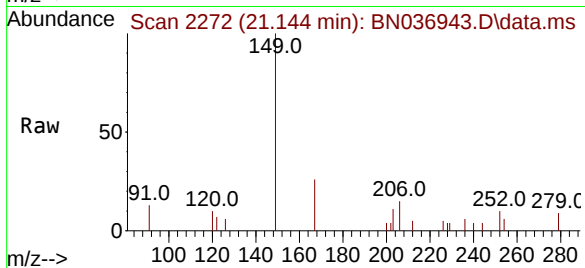




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.144 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: BN036943.D
 Acq: 30 Apr 2025 12:16

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20250423

Tgt Ion:149 Resp: 1020
 Ion Ratio Lower Upper
 149 100
 167 23.7 21.0 31.6
 279 4.3 2.7 4.1#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.430 min Scan# 2763
 Delta R.T. 0.003 min
 Lab File: BN036943.D
 Acq: 30 Apr 2025 12:16

Tgt Ion:264 Resp: 3555
 Ion Ratio Lower Upper
 264 100
 260 27.6 22.2 33.2
 265 77.4 65.8 98.6

