

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
 Data File : BN024977.D
 Acq On : 18 Apr 2023 14:20
 Operator : CG/JU
 Sample : 02355-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5B-20230413

Quant Time: Apr 18 16:22:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 05:29:26 2023
 Response via : Initial Calibration

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

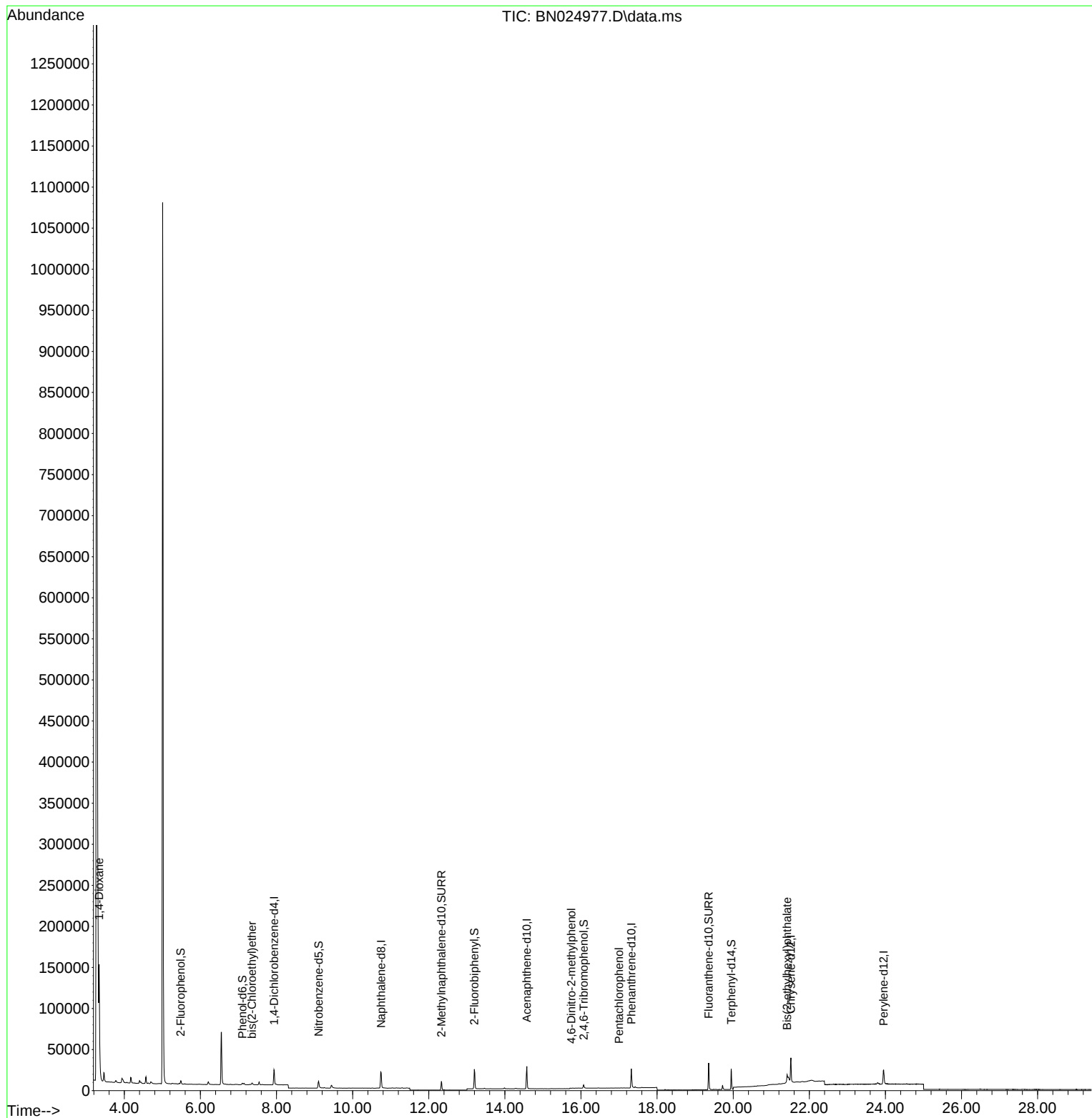
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9269	0.400	ng	0.00
7) Naphthalene-d8	10.750	136	28142	0.400	ng	0.00
13) Acenaphthene-d10	14.576	164	15221	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	32364	0.400	ng	0.00
29) Chrysene-d12	21.517	240	29021	0.400	ng	# 0.00
35) Perylene-d12	23.951	264	25407	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.484	112	3548	0.166	ng	0.00
5) Phenol-d6	7.102	99	2457	0.091	ng	0.00
8) Nitrobenzene-d5	9.105	82	8295	0.366	ng	0.00
11) 2-Methylnaphthalene-d10	12.332	152	14735	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2540	0.371	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	21893	0.377	ng	-0.01
27) Fluoranthene-d10	19.355	212	36319	0.495	ng	0.00
31) Terphenyl-d14	19.949	244	34315	0.522	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.339	88	71985	7.068	ng	Qvalue 97
6) bis(2-Chloroethyl)ether	7.355	93	1470	0.054	ng	97
20) 4,6-Dinitro-2-methylph...	15.747	198	2	0.175	ng	# 1
24) Pentachlorophenol	17.000	266	19	0.221	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.419	149	14456	0.274	ng	# 72

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

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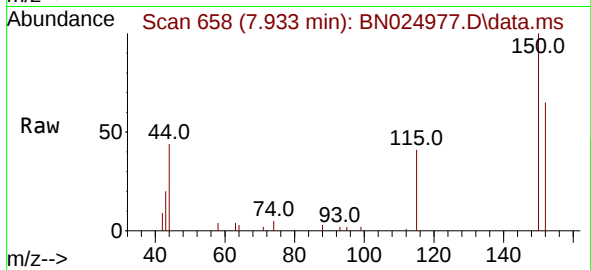
Quant Time: Apr 18 16:22:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
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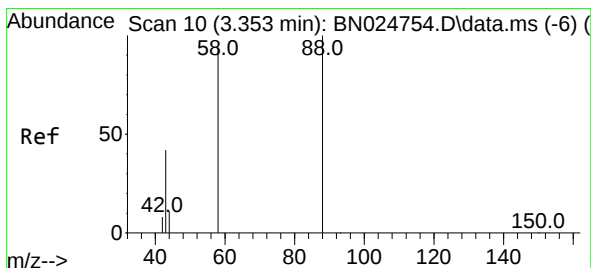
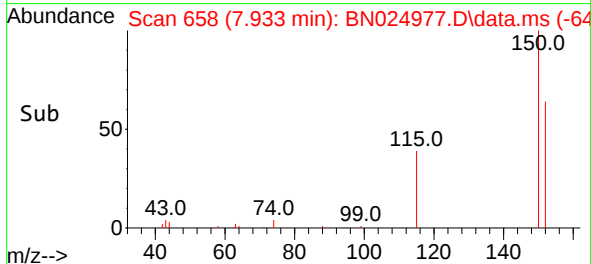
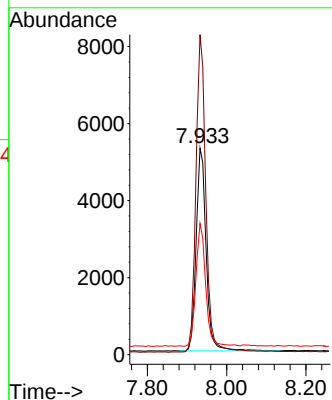


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413

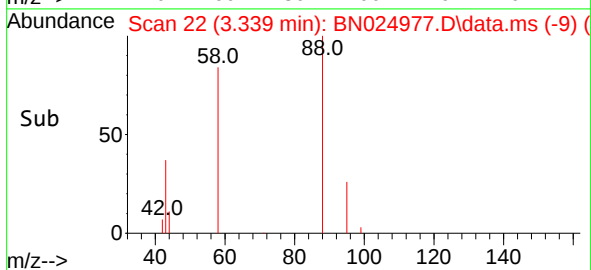
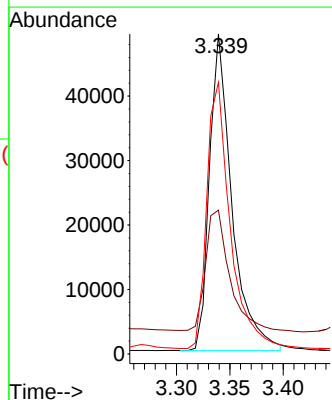
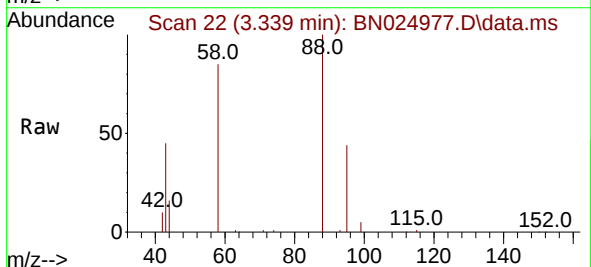


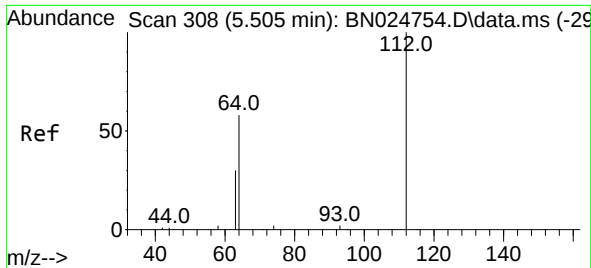
Tgt Ion:152 Resp: 9269
Ion Ratio Lower Upper
152 100
150 155.0 121.8 182.8
115 63.5 48.3 72.5



#2
1,4-Dioxane
Concen: 7.068 ng
RT: 3.339 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Tgt Ion: 88 Resp: 71985
Ion Ratio Lower Upper
88 100
43 40.1 35.2 52.8
58 87.5 71.4 107.2





#4

2-Fluorophenol

Concen: 0.166 ng

RT: 5.484 min Scan# 319

Delta R.T. -0.007 min

Lab File: BN024977.D

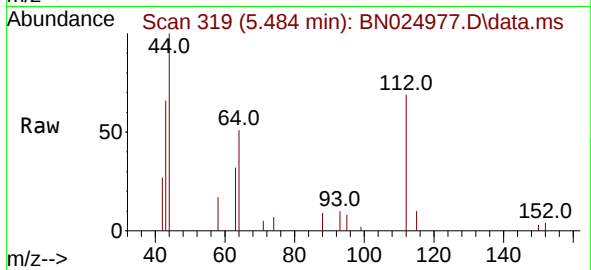
Acq: 18 Apr 2023 14:20

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW5B-20230413



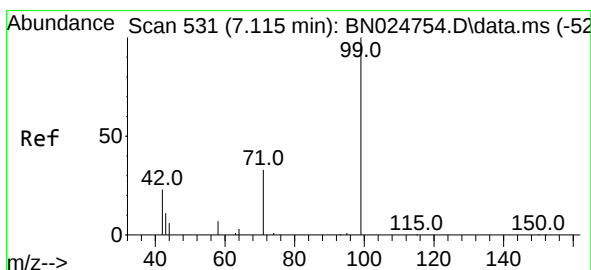
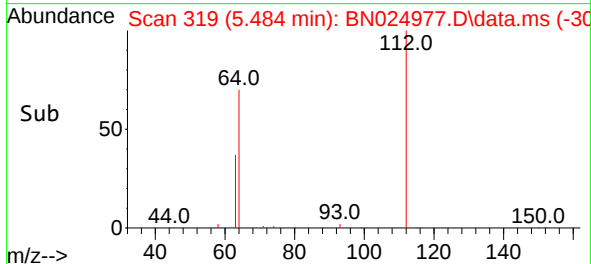
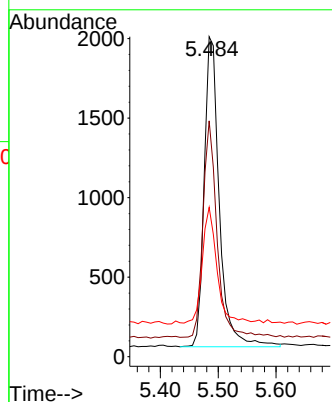
Tgt Ion:112 Resp: 3548

Ion Ratio Lower Upper

112 100

64 65.2 52.5 78.7

63 35.8 27.9 41.9



#5

Phenol-d6

Concen: 0.091 ng

RT: 7.102 min Scan# 543

Delta R.T. -0.000 min

Lab File: BN024977.D

Acq: 18 Apr 2023 14:20

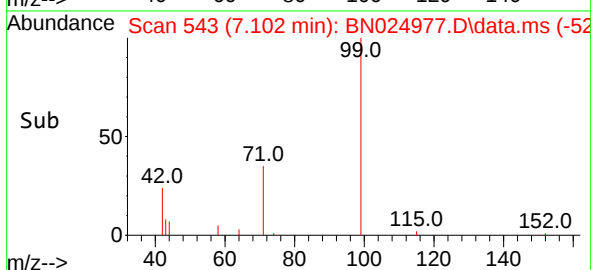
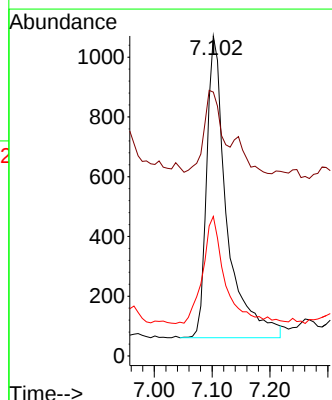
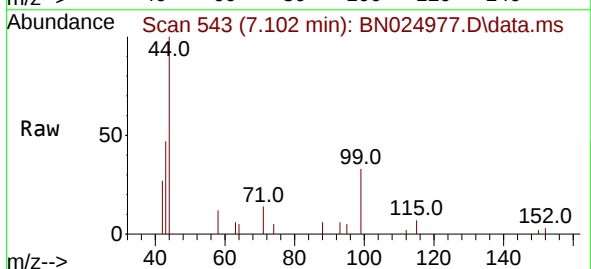
Tgt Ion: 99 Resp: 2457

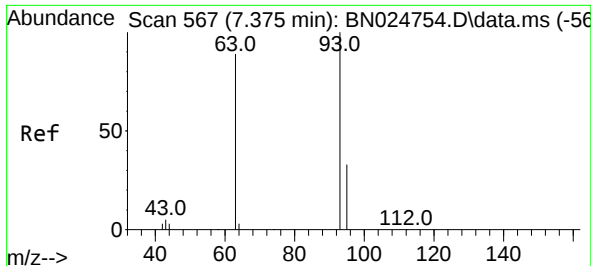
Ion Ratio Lower Upper

99 100

42 23.7 22.8 34.2

71 39.2 28.2 42.2

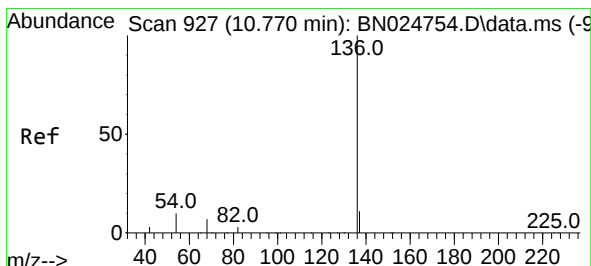
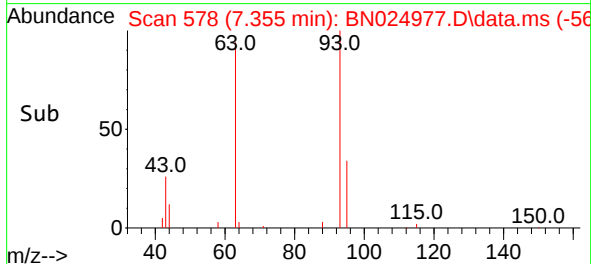
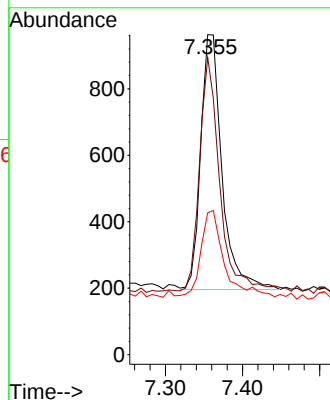
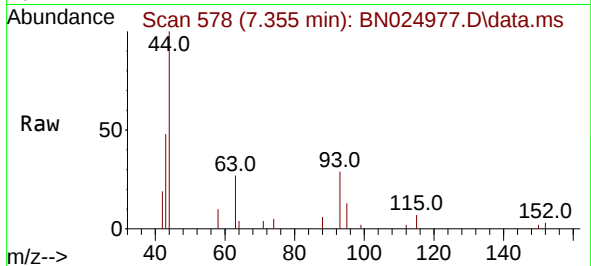




#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.355 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

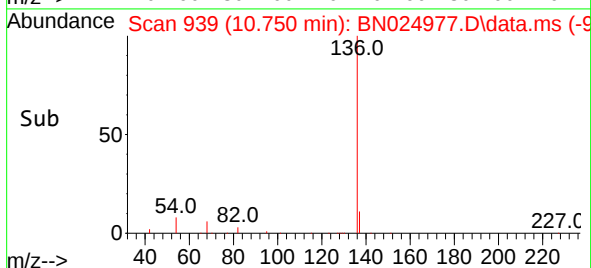
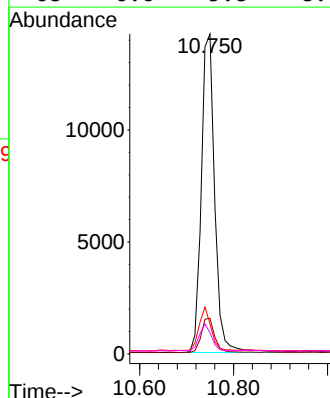
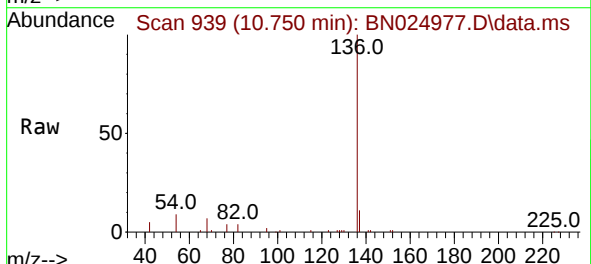
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413

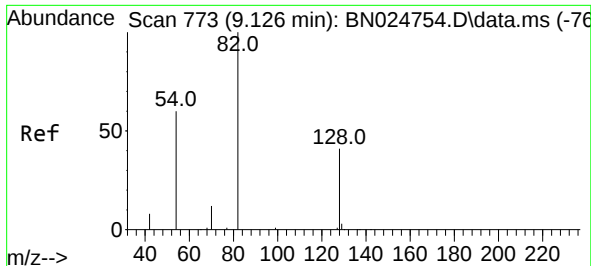
Tgt Ion: 93 Resp: 1470
Ion Ratio Lower Upper
93 100
63 87.3 68.8 103.2
95 36.6 25.4 38.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.750 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Tgt Ion: 136 Resp: 28142
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.4 8.2 12.4
68 6.6 5.8 8.6

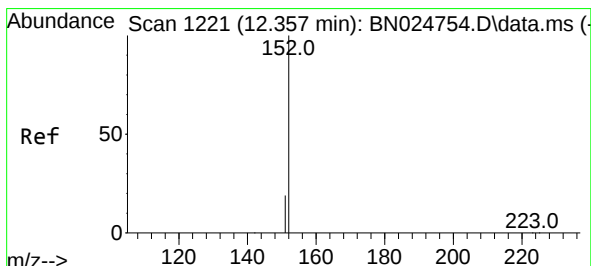
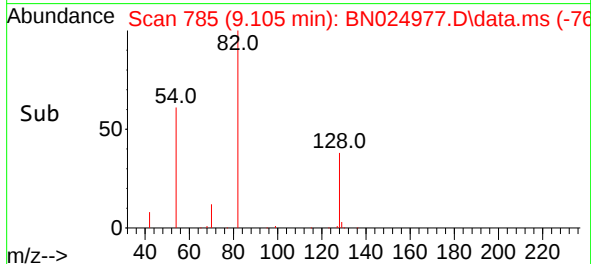
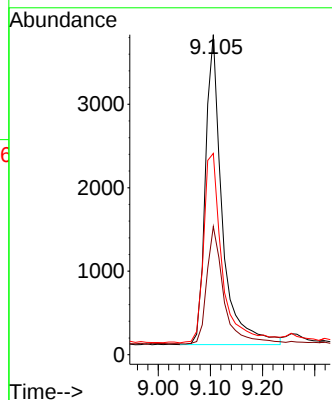
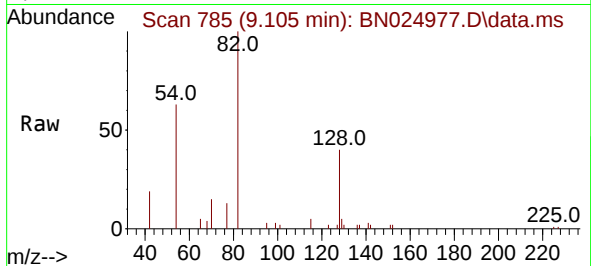




#8
Nitrobenzene-d5
Concen: 0.366 ng
RT: 9.105 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

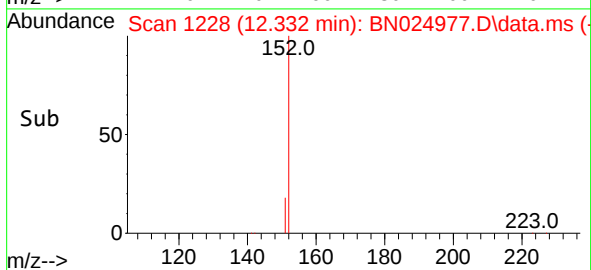
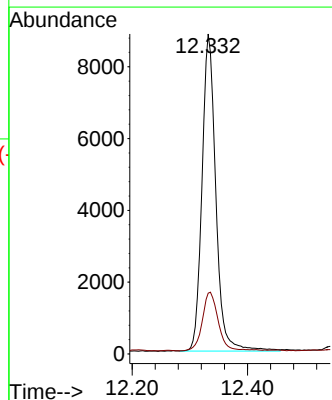
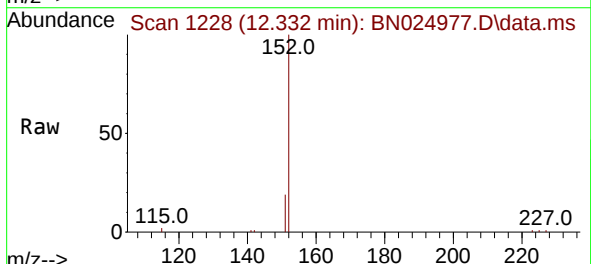
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413

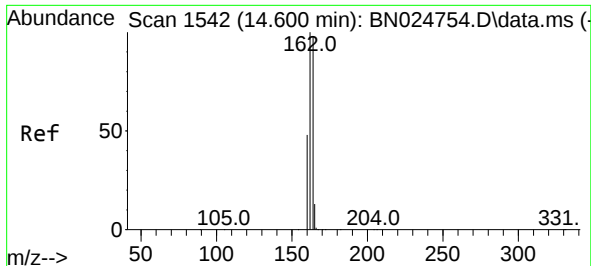
Tgt Ion: 82 Resp: 8295
Ion Ratio Lower Upper
82 100
128 40.0 33.8 50.6
54 62.9 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.332 min Scan# 1228
Delta R.T. -0.004 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Tgt Ion: 152 Resp: 14735
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0

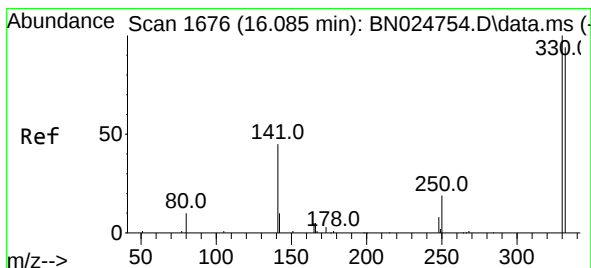
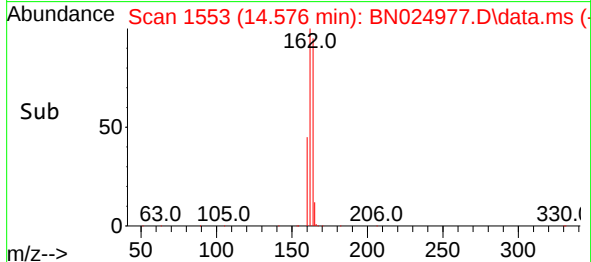
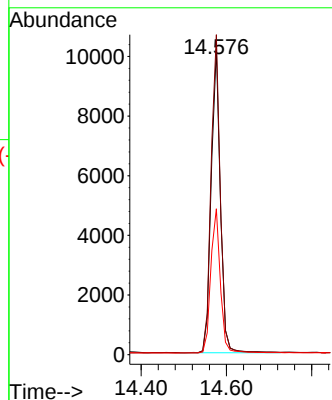
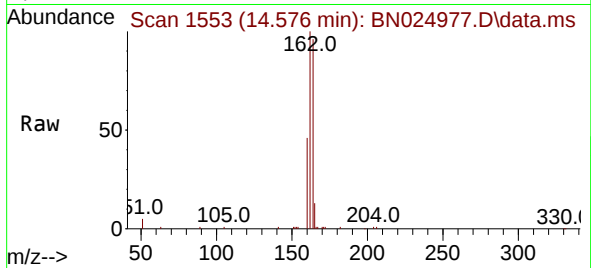




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.576 min Scan# 1553
 Delta R.T. -0.000 min
 Lab File: BN024977.D
 Acq: 18 Apr 2023 14:20

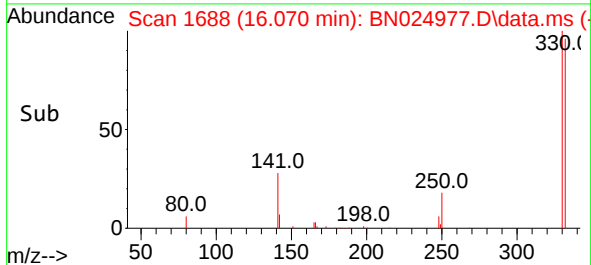
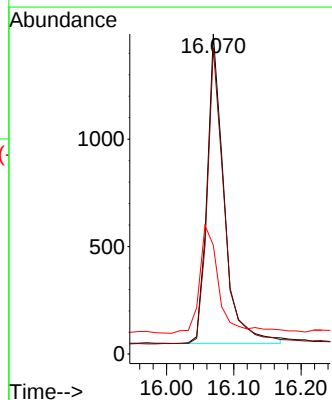
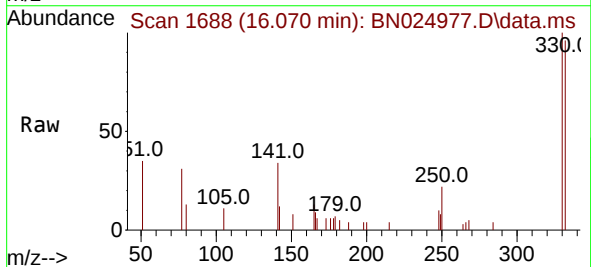
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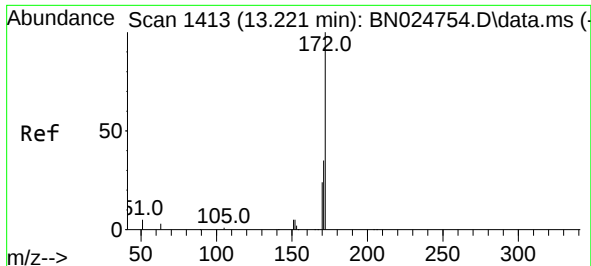
Tgt Ion:164 Resp: 15221
 Ion Ratio Lower Upper
 164 100
 162 104.7 81.9 122.9
 160 47.7 39.2 58.8



#14
 2,4,6-Tribromophenol
 Concen: 0.371 ng
 RT: 16.070 min Scan# 1688
 Delta R.T. -0.000 min
 Lab File: BN024977.D
 Acq: 18 Apr 2023 14:20

Tgt Ion:330 Resp: 2540
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.9 116.9
 141 40.0 31.0 46.6

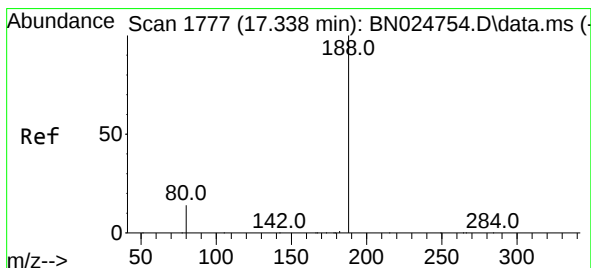
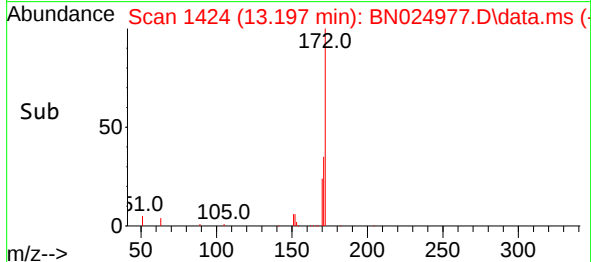
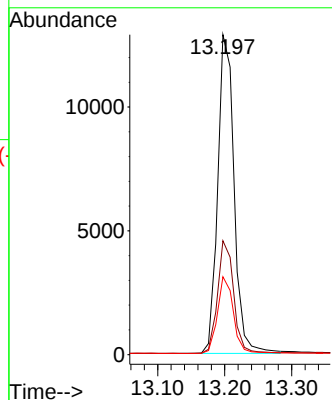
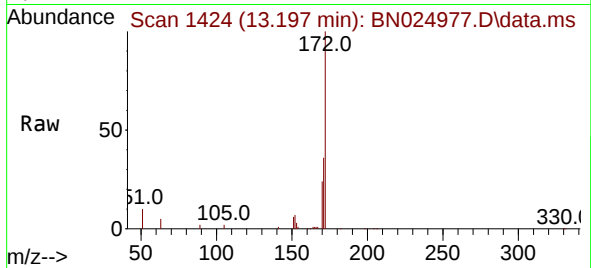




#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 13.197 min Scan# 1413
Delta R.T. -0.011 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

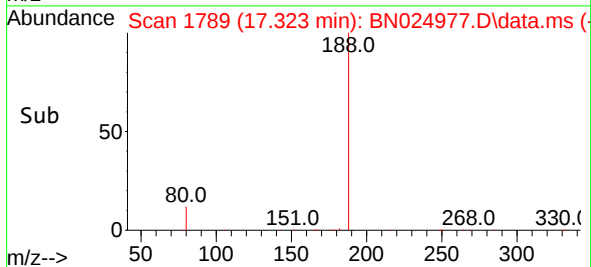
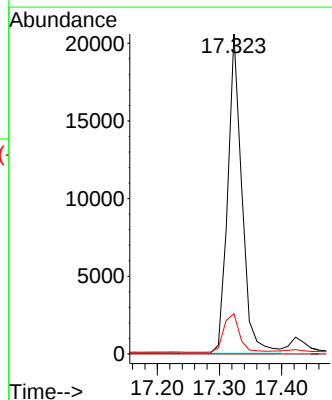
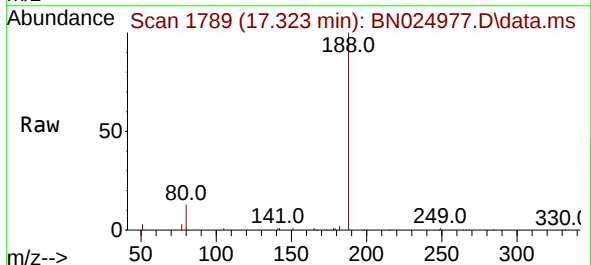
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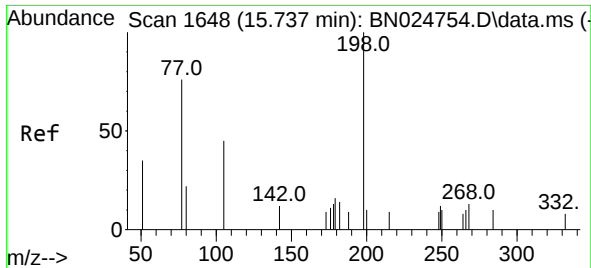
Tgt Ion:	172	Resp:	21893
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.2	42.2
170	24.3	19.2	28.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Tgt Ion:	188	Resp:	32364
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.6	11.3	16.9

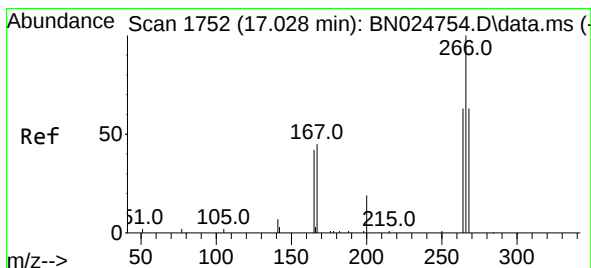
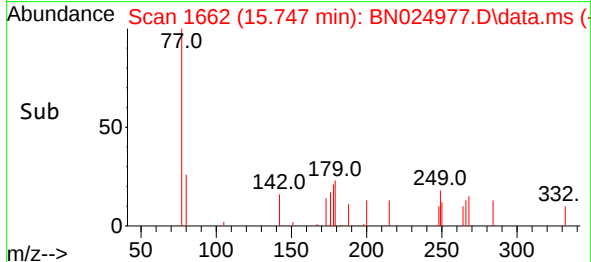
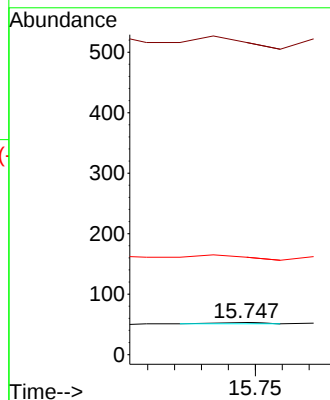
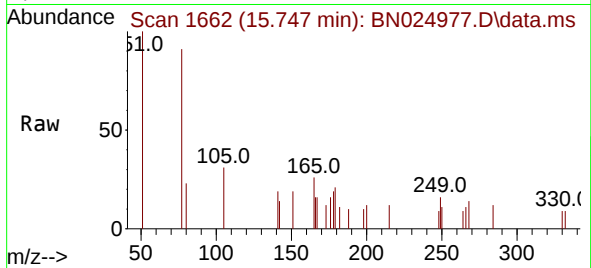




#20
4,6-Dinitro-2-methylphenol
Concen: 0.175 ng
RT: 15.747 min Scan# 1662
Delta R.T. 0.037 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

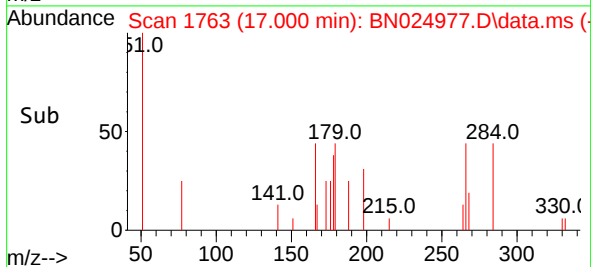
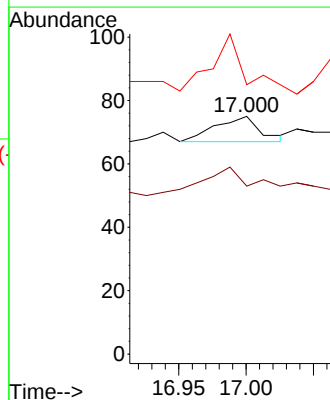
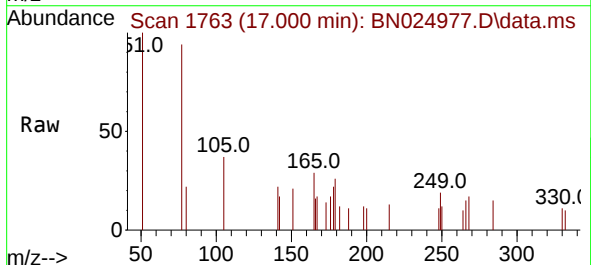
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413

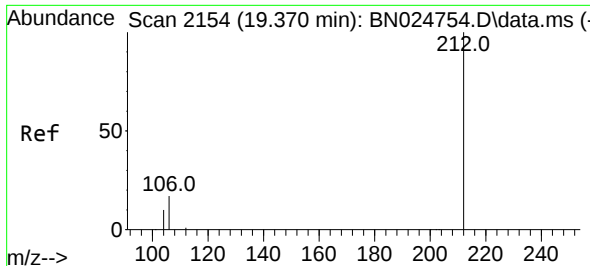
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 973.6 99.8 149.8#
105 303.8 49.4 74.0#



#24
Pentachlorophenol
Concen: 0.221 ng
RT: 17.000 min Scan# 1763
Delta R.T. 0.025 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Tgt Ion:266 Resp: 19
Ion Ratio Lower Upper
266 100
264 178.9 46.1 69.1#
268 178.9 46.7 70.1#

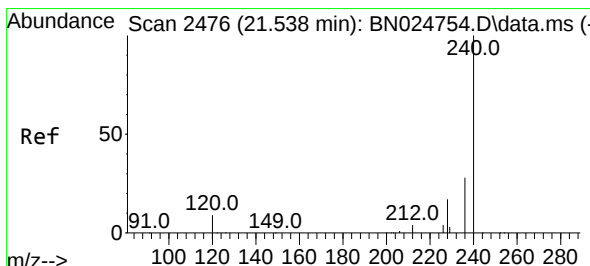
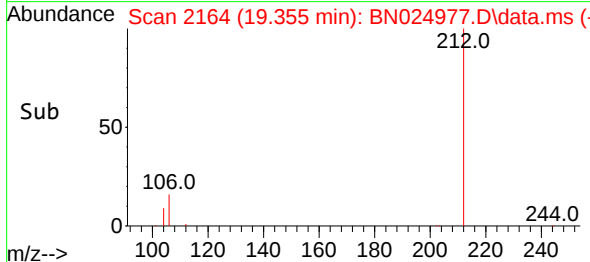
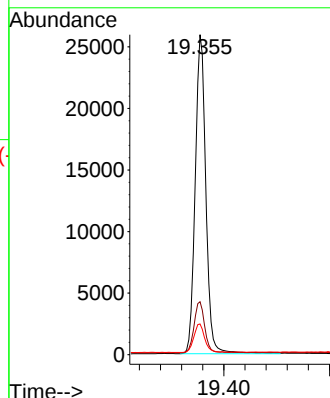
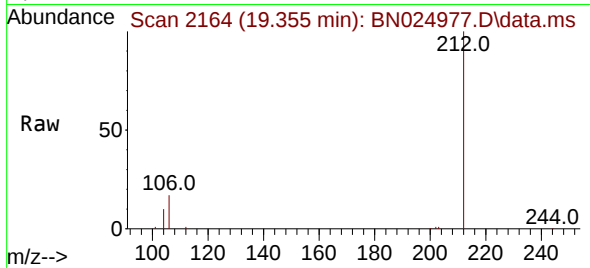




#27
Fluoranthene-d10
Concen: 0.495 ng
RT: 19.355 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

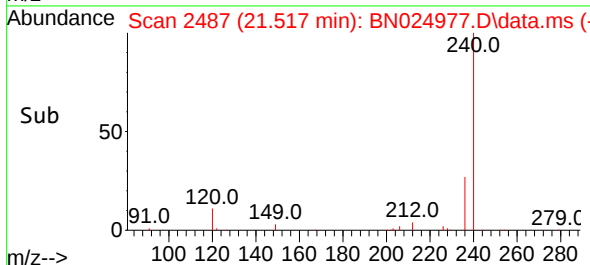
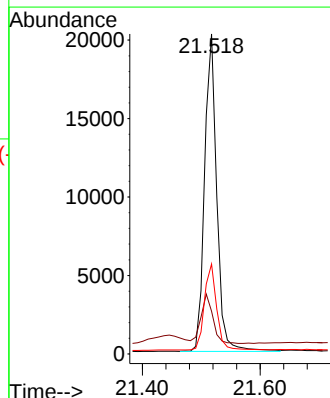
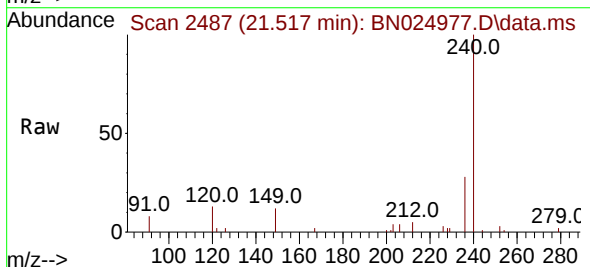
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5B-20230413

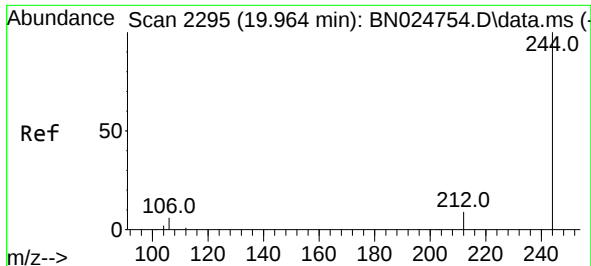
Tgt Ion:212 Resp: 36319
Ion Ratio Lower Upper
212 100
106 15.9 13.2 19.8
104 9.2 7.6 11.4



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.517 min Scan# 2487
Delta R.T. -0.004 min
Lab File: BN024977.D
Acq: 18 Apr 2023 14:20

Tgt Ion:240 Resp: 29021
Ion Ratio Lower Upper
240 100
120 13.4 8.8 13.2#
236 28.1 22.6 34.0

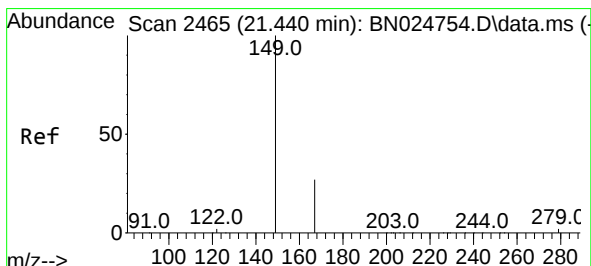
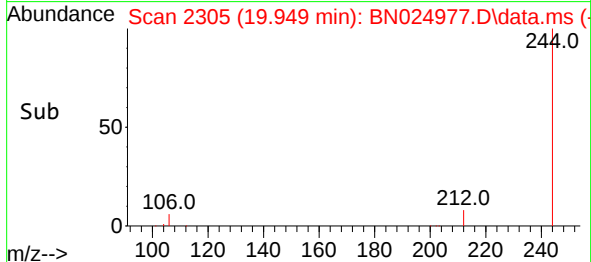
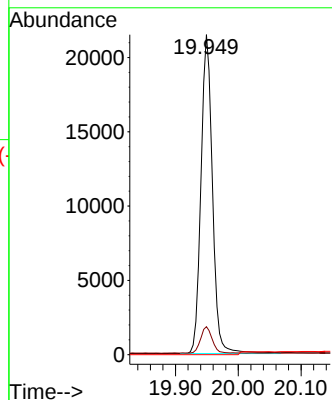
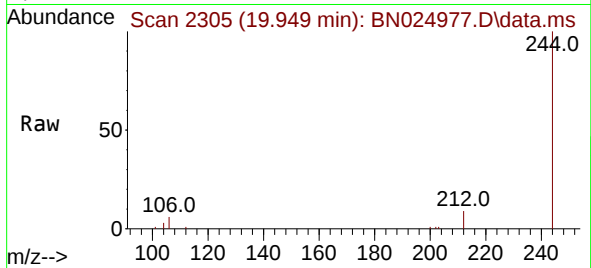




#31
 Terphenyl-d14
 Concen: 0.522 ng
 RT: 19.949 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024977.D
 Acq: 18 Apr 2023 14:20

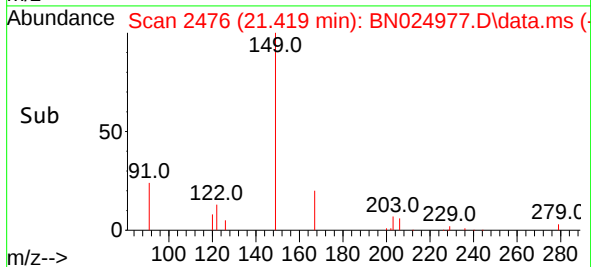
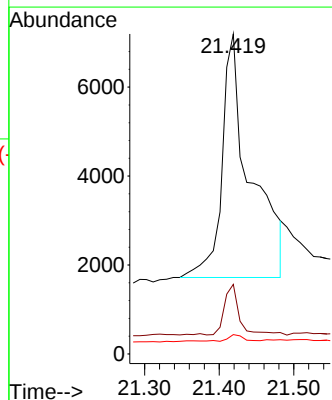
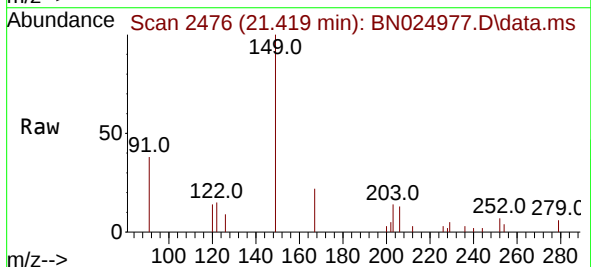
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5B-20230413

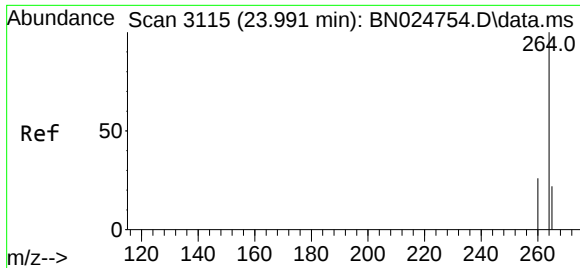
Tgt Ion:244 Resp: 34315
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.4 11.0
 122 0.0 0.0 0.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.274 ng
 RT: 21.419 min Scan# 2476
 Delta R.T. -0.004 min
 Lab File: BN024977.D
 Acq: 18 Apr 2023 14:20

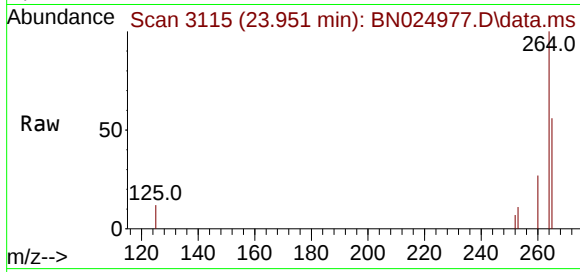
Tgt Ion:149 Resp: 14456
 Ion Ratio Lower Upper
 149 100
 167 10.8 21.4 32.2#
 279 1.3 2.6 4.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.951 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: BN024977.D
 Acq: 18 Apr 2023 14:20

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5B-20230413



Tgt Ion:264 Resp: 25407

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.8	31.2
265	56.0	46.5	69.7

